PUBLIC SCHOOLS OF THE TARRYTOWNS

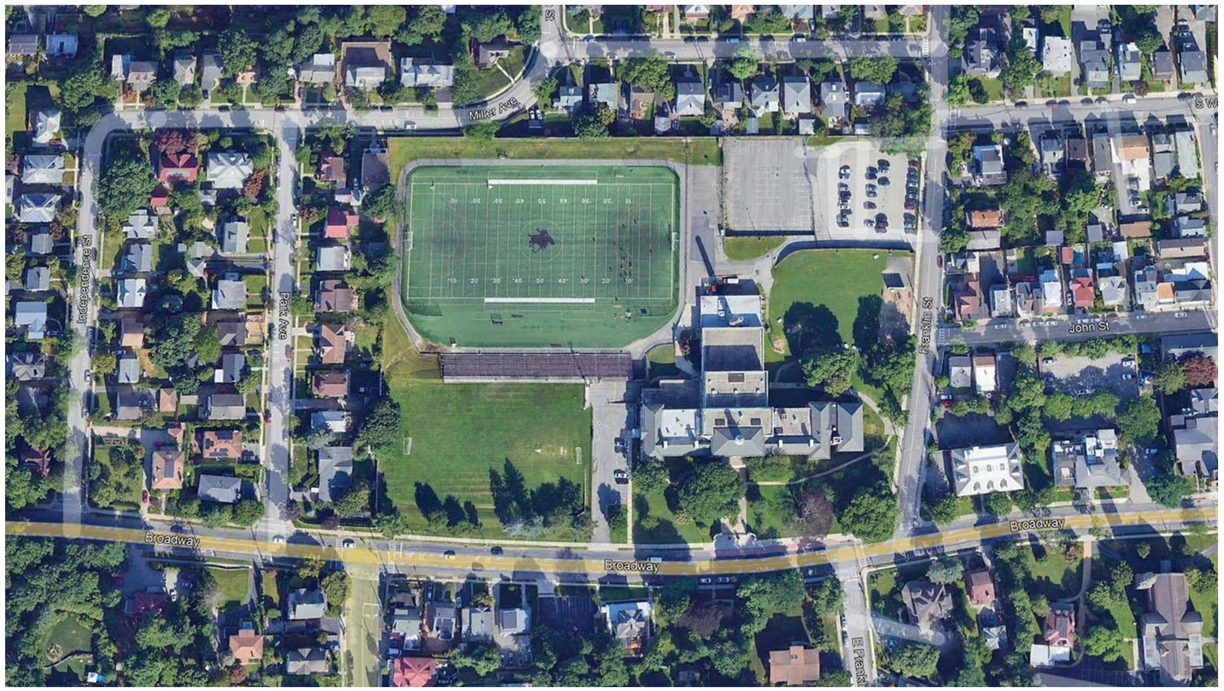
2024 CAPITAL BOND PROJECT - PHASE 2

MEMASI PROJECT # 101 - 2403

WASHINGTON IRVING INTERMEDIATE SCHOOL

103 S BROADWAY, TARRYTOWN, NY 10591

SED # 66-04-01-03-0-002-017



WASHINGTON IRVING ELEMENTARY SCHOOL NTS

ISSUED FOR BID

03/27/2026

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

MEMASI

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ABBREVIATIONS

ABBREVIATION DESCRIPTION

ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ACT	ACOUSTIC CEILING TILE
ACP	ACOUSTIC CEILING PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
AC	AIR CONDITIONING
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
BLK'G	BLOCKING
BOF	BOTTOM OF FOOTING
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CAB	CABINET
CLR	CLEAR
CR	CLASSROOM
CFMF	COLD FORM METAL FRAMING
CLO	CLOSET
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CONST	CONSTRUCTION
COORD	COORDINATE
CORR	CORRDOR
CONF	CONFERENCE
DEMO	DEMOLITION
DIM	DIMENSION
DIA	DIAMETER
DF	DRINKING FOUNTAIN
DTL	DETAIL
DW	DISH WASHER
DN	DOWN
DWG	DRAWING
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
ETR	EXISTING TO REMAIN
ENT	ENTRANCE
EL	ELEVATION
ELEV	ELEVATOR
EPY	EPOXY COATING
EXT	EXTERIOR
FIN	FINISH
FDN	FOUNDATION
FIN FL	FINISH FLOOR
FIXT	FIXTURE
FLR	FLOOR
FLSH'G	FLASHING
FRT	FIRE-RETARDENT-TREATED MATERIAL
FEC	FIRE EXTINGUISHER CABINET
FO	FACE OF
FHC	FIRE HOSE CABINET
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZE(D)
GC	GENERAL CONTRACT(OR)
GYP	GYPSUM
GND	GROUND
GWB	GYPSUM WALL BOARD
GWBS	GYPSUM WALL BOARD SOFFIT
HC	HANDICAPPED ACCESSIBLE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING / VENTILATING / AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH / INCHES
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LIN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
ML	MODULE LINE
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
O/HD	OVERHEAD
OPT	OPTIONAL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RB	RUBBER / RUBBER WALL BASE
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
TOL	TOLERANCE
TOF	TOP OF FOOTING
UL	UNDERWRITERS LABORATORY
U.O.N	UNLESS OTHERWISE NOTED
UNEXEC	UNEXCAVATED
VP	VENT PIPE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WT	WEIGHT
YD	YARD

ARCHITECTURAL LEGEND

- EARTH
- GRANULAR FILL
- BRICK
- CONCRETE MASONRY UNIT
- CONCRETE
- GROUT
- ROUGH WOOD BLOCKING
- SHIM
- FINISH WOOD
- PLYWOOD
- SHEATHING
- RIGID INSULATION
- BATT INSULATION
- SPRAY FOAM INSULATION
- EPS INSULATION
- STEEL

DIMENSIONING CONVENTIONS

- FACE OF STUD OR CMU
- COLUMN CENTER LINE

SYMBOLS

- ROOM NAME
- ROOM NUMBER
- AREA OF ROOM
- DOOR NUMBER, REFER TO A600 DRAWINGS
- WINDOW TAG, REFER TO A606 DRAWING
- OPENING TAG, REFER TO A605 DRAWING
- COLUMN GRID DESIGNATION
- PARTITION TAG, REFER TO G004-G007 DRAWINGS
- ADDITIONAL NOTES FOR PARTITION
- REVISION NUMBER
- KEY NOTE, NEW WORK
- KEY NOTE, DEMOLITION WORK
- SPOT ELEVATION TAG



- ACCESSIBLITY SIGN

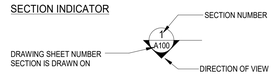
WALL FINISH
BASE FINISH
FLOOR FINISH
CEILING FINISH

- INTERIOR FINISH TAG, REFER TO A130 DRAWINGS

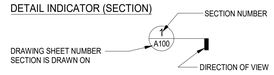
- CHANGE IN FINISH MATERIAL

DETAIL INDICATOR LEGEND

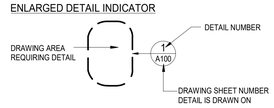
SECTION INDICATOR



DETAIL INDICATOR (SECTION)

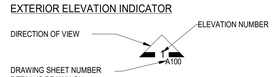


ENLARGED DETAIL INDICATOR



DETAIL TITLE

EXTERIOR ELEVATION INDICATOR

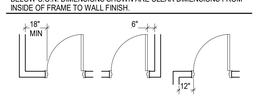


INTERIOR ELEVATION INDICATOR

PLAN GRAPHICS LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AN FASTENERS.
- NEW CONCRETE MASONRY WALL
- NEW METAL STUD WALL
- NEW BRICK VENEER
- EXISTING DOOR TO REMAIN
- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- NEW DOOR, FRAME, AND HARDWARE

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW U.O.N. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



WASHINGTON IRVING INTERMEDIATE SCHOOL

| 2024 Capital Project Ph 2

SED NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

BID DOCUMENT: 03/27/2026

DRAWING LIST

GENERAL DRAWINGS	
G000	COVER SHEET
G001	SHEET INDEX, ABBREVIATIONS AND LEGENDS
G002	GENERAL INFORMATION
G003	TYPICAL MOUNTING HEIGHTS AND CLEARANCES
G004	EXISTING CONDITIONS/ PROJECT SURVEY
LIFE SAFETY	
LS001	CODE, STANDARDS & LIFE SAFETY INFORMATION
LS002	FIRE AND WORK AREA DIAGRAMS
LS100	SUB-BASEMENT AND BASEMENT LIFE SAFETY PLANS
LS101	GROUND AND FIRST FLOORS LIFE SAFETY PLANS
LS102	SECOND AND THIRD FLOORS LIFE SAFETY PLANS
SITE CIVIL DRAWINGS	
C001	NOTES
C100	SITE PERP, DEMO AND EROSION CONTROL PLAN
C200	SITE LAYOUT PLAN
C201	SITE MATERIALS PLAN
C202	FRONT ENTRY ADD-ALTERNATE 3 SITE PLANS
C300	SITE GRADING & DRAINAGE PLAN
C400	SITE UTILITIES PLAN
C500	SITE PLANTING PLAN
C600	DEATILS
C601	DETAILS
C602	UTILITY DETAILS
C603	UTILITY DETAILS
ASBESTOS ABATEMENTS	
AA000	ASBESTOS ABATEMENT NOTES
AA100-AB	ABATEMENT PART PLANS - SUB/BASEMENT - GROUND FLOOR AREA A AND B
AA101-B	ABATEMENT PART PLAN - GROUND FLOOR AREA B
AA102-A	ABATEMENT PART PLANS - FIRST AND SECOND FLOOR AREA A
AA102-B	ABATEMENT PART PLAN - FIRST FLOOR AREA B
AA103-B	ABATEMENT PART PLAN - SECOND FLOOR AREA B
AA104-B	ABATEMENT PART PLAN - THIRD FLOOR AREA B
DEMO DRAWINGS	
AD100-AB	DEMOLITION PART PLANS - SUB/BASEMENT - GROUND FLOOR AREA A AND B
AD101-B	DEMOLITION PART PLAN - GROUND FLOOR AREA B
AD102-A	DEMOLITION PART PLANS - FIRST AND SECOND FLOOR AREA A
AD102-B	DEMOLITION PART PLAN - FIRST FLOOR AREA B
AD103-B	DEMOLITION PART PLAN - SECOND FLOOR AREA B
AD104-A	DEMOLITION PART PLAN - THIRD FLOOR AND ROOF AREA A
AD104-B	DEMOLITION PART PLAN - THIRD FLOOR AREA B
AD105-B	DEMOLITION PART PLAN - ROOF AREA B
AD200	DEMOLITION BUILDING ELEVATIONS
ARCHITECTURAL DRAWING	
A100	SUB-BASEMENT & BASEMENT FLOOR PLANS
A101	GROUND AND FIRST FLOOR PLANS
A102	SECOND & THIRD FLOOR PLANS
A103	ROOF PLAN
A110-AB	PART PLANS - BASEMENT FLOOR AREAS A AND B
A111-A	PART PLAN - GROUND FLOOR AREA A
A111-B	PART PLAN - GROUND FLOOR AREA B
A112-A	PART PLAN - FIRST FLOOR AREA A
A112-B	PART PLAN - FIRST FLOOR AREA B
A113-A	PART PLAN - SECOND FLOOR AREA A
A113-B	PART PLAN - SECOND FLOOR AREA B
A114-A	PART PLAN - THIRD FLOOR AREA A
A114-B	PART PLAN - THIRD FLOOR AREA B
A115-A	PART PLAN - ROOF AREA A
A115-B	PART PLAN - ROOF AREA B
A200	OVERALL BUILDING ELEVATIONS
A201	BUILDING ELEVATIONS - NEW ADDITION
A300	BUILDING SECTIONS
A301	BUILDING SECTIONS
A350	WALL SECTIONS
A351	WALL SECTIONS
A352	WALL SECTIONS
A400	ART ROOM ENLARGED PLAN AND INTERIOR ELEVATIONS
A401	STEAM LAB AND LIBRARY ENLARGED PLANS AND ELEVATIONS
A401.1	ENLARGED REFLECTED CEILING PLAN - LIBRARY & STEAM LAB
A402	BAND AND ORCHESTRA ENLARGED PLAN AND ELEVATIONS
A403	GYMNASIUM INTERIOR ELEVATIONS
A404	CLASSROOM ENLARGED PLANS AND INTERIOR ELEVATIONS
A405	CLASSROOM ENLARGED PLANS AND INTERIOR ELEVATIONS
A406	CORRIDOR INTERIOR ELEVATIONS
A406.1	CORRIDOR INTERIOR ELEVATIONS CONTINUED
A406.2	CORRIDOR INTERIOR ELEVATIONS CONTINUED
A407	MAIN OFFICE ENLARGED PLAN AND INTERIOR ELEVATIONS
A409	KITCHEN & HELP DESK ENLARGED PLAN & INTERIOR ELEVATIONS
A410	FACULTY & TOILET ROOM ENLARGED PLANS AND ELEVATIONS
A411	TOILET ROOM ENLARGED PLANS AND ELEVATIONS
A420	STAIR D - PLANS, SECTIONS, AND DETAILS
A421	STAIR E - PLANS, SECTIONS, AND DETAILS
A422	LIFT PLAN AND DETAILS
A431	ENLARGED PLAN AND ELEVATION SOUTH ENTRY
A500	PLAN AND SECTION DETAILS
A501	SECTION DETAILS
A502	PLAN DETAILS
A502.1	PLAN DETAILS
A503	ROOF DETAILS
A504	ROOF DETAILS CONTINUED
A505	ROOF HATCH LADDER DETAILS
A600	PARTITION TYPES
A610	DOOR SCHEDULE AND TYPES
A611	DOOR DETAILS
A612	CURTAIN WALL ELEVATIONS & DETAILS
A613	WINDOW ELEVATIONS AND DETAILS
A700	INTERIOR DETAILS
A701	INTERIOR DETAILS
A702	INTERIOR DETAILS
A703	INTERIOR DETAILS
A710	CASEWORK DESIGN SERIES
A711	MILLWORK DETAILS
A712	MILLWORK DETAILS
A713	MILLWORK AND RECEPTION DESK DETAILS
A714	MILLWORK DETAILS @ LIBRARY AND IT HELP DESK
A800-B	REFLECTED CEILING PART PLAN - SUB/BASEMENT AREA B
A801-A	REFLECTED CEILING PART PLAN - GROUND FLOOR AREA A
A801-B	REFLECTED CEILING PART PLAN - GROUND FLOOR AREA B
A802-A	REFLECTED CEILING PART PLAN - FIRST FLOOR AREA A
A802-B	REFLECTED CEILING PART PLAN - FIRST FLOOR AREA B
A803-A	REFLECTED CEILING PART PLAN - SECOND FLOOR AREA A
A803-B	REFLECTED CEILING PART PLAN - SECOND FLOOR AREA B
A804-AB	REFLECTED CEILING PART PLAN - THIRD FLOOR
A805	CEILING DETAILS
A806	CEILING DETAILS CONTINUED
A901	SIGNAGE PLANS - SUB-BASEMENT AND BASEMENT
A902	SIGNAGE PLANS - GROUND AND FIRST FLOORS
A903	SIGNAGE PLANS - SECOND AND THIRD FLOORS
A904	SIGNAGE SCHEDULE
A905	SIGNAGE TYPES
AF001	FINISH SCHEDULES
AF100-AB	FINISH PART PLAN - SUB/BASEMENT AREA A AND B
AF101-A	FINISH PART PLAN - GROUND FLOOR AREA A
AF101-B	FINISH PART PLAN - GROUND FLOOR AREA B
AF102-A	FINISH PART PLAN - FIRST FLOOR AREA A
AF102-B	FINISH PART PLAN - FIRST FLOOR AREA B
AF103-A	FINISH PART PLAN - SECOND FLOOR AREA A
AF103-B	FINISH PART PLAN - SECOND FLOOR AREA B
AF104-AB	FINISH PART PLAN - THIRD FLOOR AREA A AND B
STRUCTURAL DRAWINGS	
S001	DESIGN DATA AND GENERAL NOTES
S002	GENERAL NOTES CONTINUED
S100	BASEMENT FOUNDATION PLAN - AREA A
S101	GROUND FLOOR FRAMING PLAN - AREA A
S102	FIRST FLOOR FRAMING PLAN - AREA A
S103	SECOND FLOOR FRAMING PLAN - AREA A
S104	LOW ROOF AND PENTHOUSE FRAMING PLAN - AREA A
S105	PENTHOUSE ROOF FRAMING PLAN - AREA A
S106	ROOF FRAMING PLAN - AREA B
S200	PARTIAL PLANS AND DETAILS
S300	CONCRETE SECTIONS AND DETAILS
S301	CONCRETE SECTIONS AND DETAILS
S302	CONCRETE SECTIONS AND DETAILS
S400	MASONRY SECTIONS AND DETAILS
S401	MASONRY SECTIONS AND DETAILS
S500	STEEL SECTIONS AND DETAILS
S501	SECTIONS AND DETAILS
S502	SECTIONS AND DETAILS
S503	SECTIONS AND DETAILS
S504	SECTIONS AND DETAILS
S505	SECTIONS AND DETAILS
MECHANICAL DRAWINGS	
M001	MECHANICAL COVER SHEET
MD100	MECHANICAL DEMOLITION PLAN - SUB-BASEMENT
MD101	MECHANICAL DEMOLITION PLAN - BASEMENT
MD102-A	MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA A
MD102-B	MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA B
MD103-A	MECHANICAL DEMOLITION PART PLAN - FIRST FLOOR - AREA A
MD103-B	MECHANICAL DEMOLITION PART PLAN - FIRST FLOOR - AREA B
MD104-A	MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA A
MD104-B	MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA B
MD105	MECHANICAL DEMOLITION PLAN - THIRD FLOOR
MD106-A	MECHANICAL DEMOLITION PART PLAN - ROOF - AREA A
MD106-B	MECHANICAL DEMOLITION PART PLAN - ROOF - AREA B
M100	MECHANICAL DUCTWORK PLAN - SUB-BASEMENT
M101	MECHANICAL DUCTWORK PLAN - BASEMENT
M102-A	MECHANICAL DUCTWORK PART PLAN - GROUND FLOOR - AREA A
M102-B	MECHANICAL DUCTWORK PART PLAN - GROUND FLOOR - AREA B
M103-A	MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA A
M103-B	MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA B
M104-A	MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA A
M104-B	MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA B
M105	MECHANICAL DUCTWORK PART PLAN - THIRD FLOOR
M106-A	MECHANICAL PART PLAN - ROOF - AREA A
M106-B	MECHANICAL PART PLAN - ROOF - AREA B
M200	MECHANICAL PIPING PLAN - SUB-BASEMENT
M201	MECHANICAL PIPING PLAN - BASEMENT
M202-A	MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA A
M202-B	MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA B
M203-A	MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA A
M203-B	MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA B
M204-A	MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA A
M204-B	MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA B
M205	MECHANICAL PIPING PLAN - THIRD FLOOR
M206-A	MECHANICAL PIPING PART PLAN - ROOF - AREA A
M206-B	MECHANICAL PIPING PART PLAN - ROOF - AREA B
M601	MECHANICAL SCHEDULES
M602	MECHANICAL SCHEDULES
M603	MECHANICAL SCHEDULES
M604	MECHANICAL SCHEDULES
M701	MECHANICAL DETAILS
M702	MECHANICAL DETAILS
M703	MECHANICAL DETAILS
ELECTRICAL DRAWINGS	
E001	ELECTRICAL COVER SHEET
E002	ELECTRICAL NOTES
ED100	ELECTRICAL DEMOLITION PLAN - SUB-BASEMENT
ED101	ELECTRICAL DEMOLITION PLAN - BASEMENT
ED102-A	ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA A
ED102-B	ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA B
ED103-A	ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA A
ED103-B	ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA B
ED104-A	ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA A
ED104-B	ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA B
ED105	ELECTRICAL DEMOLITION PLAN - THIRD FLOOR
E099	ELECTRICAL SITE PLAN
E100	ELECTRICAL POWER PLAN - SUB-BASEMENT
E101	ELECTRICAL POWER PLAN - BASEMENT
E102-A	ELECTRICAL POWER PLAN - GROUND FLOOR - AREA A
E102-B	ELECTRICAL POWER PLAN - GROUND FLOOR - AREA B
E103-A	ELECTRICAL POWER PLAN - FIRST FLOOR - AREA A
E103-B	ELECTRICAL POWER PLAN - FIRST FLOOR - AREA B
E104-A	ELECTRICAL POWER PLAN - SECOND FLOOR - AREA A
E104-B	ELECTRICAL POWER PLAN - SECOND FLOOR - AREA B
E105	ELECTRICAL POWER PLAN - THIRD FLOOR
E106-A	ELECTRICAL POWER PART PLAN - ROOF - AREA A
E106-B	ELECTRICAL POWER PART PLAN - ROOF - AREA B
E200	ELECTRICAL LIGHTING PLAN - SUB-BASEMENT
E201	ELECTRICAL LIGHTING PLAN - BASEMENT
E202-A	ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA A
E202-B	ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA B
E203-A	ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA A
E203-B	ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA B
E204-A	ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA A
E204-B	ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA B
E205	ELECTRICAL LIGHTING PLAN - THIRD FLOOR
E501	ELECTRICAL RISER DIAGRAM
E502	FIRE ALARM RISER DIAGRAM
E601	ELECTRICAL PANEL SCHEDULE SHEET1
E602	ELECTRICAL PANEL SCHEDULE SHEET2
E603	ELECTRICAL PANEL SCHEDULE SHEET3
E701	ELECTRICAL DETAILS SHEET 1
E702	ELECTRICAL DETAILS SHEET 2
PLUMBING DRAWINGS	
P001	PLUMBING COVER SHEET
PD100	PLUMBING DEMOLITION PLAN - SUB-BASEMENT
PD101	PLUMBING DEMOLITION PLAN - BASEMENT
PD102-B	PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B
PD103-A	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA A
PD103-B	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA B
PD104-A	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA A
PD104-B	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA B
PD105	PLUMBING DEMOLITION PLAN - THIRD FLOOR
P100	PLUMBING PLAN - SUB-BASEMENT
P101-A	PLUMBING PLAN - FP PART BASEMENT LEVEL PLAN - AREA A
P101-B	PLUMBING PLAN - FP PART BASEMENT LEVEL PLAN - AREA B
P102-A	PLUMBING PART PLAN - GROUND FLOOR - AREA A
P102-B	PLUMBING PART PLAN - GROUND FLOOR - AREA B
P103-A	PLUMBING PART PLAN - FIRST FLOOR - AREA A
P103-B	PLUMBING PART PLAN - FIRST FLOOR - AREA B
P104-A	PLUMBING PART PLAN - SECOND FLOOR - AREA A
P104-B	PLUMBING PART PLAN - SECOND FLOOR - AREA B
P105-A	PLUMBING PART PLAN - ROOF - AREA A
P501	PLUMBING RISER DIAGRAMS
P502	PLUMBING RISER DIAGRAMS
P601	PLUMBING SCHEDULES
P701	PLUMBING DETAILS SHEET 1
P702	PLUMBING DETAILS SHEET 2
FIRE PROTECTION DRAWINGS	
FP001	FIRE PROTECTION COVER SHEET
FP101	FIRE PROTECTION PLAN - BASEMENT
FP102	FIRE PROTECTION PLAN - GROUND FLOOR
FP103	FIRE PROTECTION PLAN - FIRST FLOOR
FP104	FIRE PROTECTION PLAN - SECOND FLOOR
FP501	FIRE PROTECTION RISER DIAGRAM
FP701	FIRE PROTECTION DETAILS
FOOD SERVICE	
FS100	FOOD SERVICE EXISTING EQUIPMENT PLAN
FS101	FOOD SERVICE EQUIPMENT PLAN
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FS110	FOOD SERVICE SERVING LINE DETAILS
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TT112A	TELECOM FIRST FLOOR AREA A
TT112B	TELECOM FIRST FLOOR AREA B
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TY111B	SECURITY GROUND FLOOR AREA B
TY112A	SECURITY FIRST FLOOR AREA A
TY112B	SECURITY FIRST FLOOR AREA B
TY113A	SECURITY SECOND FLOOR AREA A
TY113B	SECURITY SECOND FLOOR AREA B
TY114A	SECURITY THIRD FLOOR AREA A
TY114B	SECURITY THIRD FLOOR AREA B
TY201	SECURITY RISER DIAGRAM
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TY401	SECURITY CAMERA SCHEDULE

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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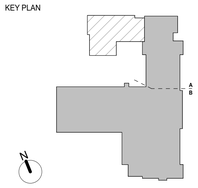
SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

SHEET INDEX, ABBREVIATIONS AND LEGENDS

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GENERAL NOTES

1. WALLS ON COLUMN LINES ARE CENTERED, U.O.N.
2. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
3. LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
4. NOT USED.
5. ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED.
6. ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND / OR FIRE STOPPED.
7. ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
8. PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
9. FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION SPEC 020800 ASBESTOS ABATEMENT & 028300 LEAD SAFE WORK PRACTICES.
10. ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.
11. ROOM NUMBERS AND NAMES WILL BE UPDATED AS PART OF THIS PROJECT. DEMOLITION DRAWINGS ARE SHOWING EXISTING CURRENT ROOM NUMBERS, WHILE NEW WORK DRAWINGS SHOW PROPOSED NUMBERING.

DEFINITION & TERMINOLOGY:

14. "FURNISH" MEANS SUPPLY ONLY FOR OTHERS TO PUT IN PLACE.
15. "PROVIDE" MEANS FURNISH AND INSTALL, COMPLETE AND IN PLACE.
16. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR CONDITIONS NOTED. CONTRACTOR TO VERIFY DIMENSIONS AND ORIENTATION.
17. "TYPICAL" MEANS IDENTICAL FOR CONDITIONS NOTED.
18. "ALIGN" MEANS ALIGNMENT OF SIMILAR COMPONENTS OF CONSTRUCTION (WALLS, JAMBS, ETC), WHICH ARE ADJACENT OR THE COMPONENTS SHALL BE IN LINE WITH OTHER ACROSS VOIDS. DIMENSION ARE NOT ADJUSTABLE UNLESS NOTED WITH PLUS/MINUS TOLERANCE.
19. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FINISHED FACE OF CONSTRUCTION, EXCEPT AS NOTED.
20. VERTICAL DIMENSIONS ARE FROM DESIGN ELEVATION (DE) OR FLOOR REFERENCE ELEVATION (FRE) UNLESS OTHERWISE NOTED.
21. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED.
22. IN THE EVENT OF CONFLICT BETWEEN INFORMATION SHOWN ON DRAWINGS AND INFORMATION WRITTEN IN THE SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN. DRAWINGS ARE NOT TO BE SCALED TO DETERMINE DIMENSIONS. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF A LESSER SCALE. SHOULD THE CONTRACTOR AT ANY TIME DISCOVER AN ERROR IN A DRAWING OR SPECIFICATION OR A DISCREPANCY OR VARIATION BETWEEN DIMENSIONS OR OTHER INFORMATION, HE SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL CLARIFICATION HAS BEEN MADE WITH ARCHITECT.

DEMOLITION NOTES

1. CONTRACTOR SHALL PERFORM ALL OPERATIONS OF DEMOLITION AND ANY REMOVALS INDICATED ON THE DRAWINGS AS MAY BE REQUIRED TO FACILITATE NEW WORK. ALL DEMOLITION WORK SHALL BE DONE CAREFULLY, NEATLY IN A SYSTEMATIC MANNER.
2. ALL DEMOLITION WORK SHALL BE COORDINATED WITH ASBESTOS, MEP AND ANY STRUCTURAL DEMOLITION REQUIREMENTS. CONTRACTOR SHALL ADHERE TO ALL FEDERAL AND STATE LEAD BASED PAINT REMOVAL REQUIREMENTS AS OUTLINED IN THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS. THE CONTRACTOR IS TO PROVIDE ALL ABATEMENT WASTE MANIFESTS, PRE- AND POST- DEMOLITION CLEAN UP TEST RESULTS, AND ANY LEAD SPECIALIST CERTIFICATION CARDS AS REQUIRED IN A TIMELY MANNER.
3. ALL EXISTING SURFACES, EQUIPMENT AND OWNER ITEMS, AND/OR FURNITURE SCHEDULED TO REMAIN SHALL BE FULLY PROTECTED FROM DAMAGE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGES AND SHALL MAKE REPAIRS OR PROVIDE REPLACEMENTS PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.
4. ANY FIXTURES, APPLIANCES, HARDWARE, DOORS OR CASINGS THAT ARE SCHEDULED TO BE SALVAGED MUST BE REMOVED FROM THE SITE PRIOR TO THE START OF DEMOLITION. COORDINATE STORAGE REQUIREMENTS WITH THE OWNER.
5. ANY DISCREPANCIES DISCOVERED DURING DEMOLITION FROM EXISTING CONDITIONS DEPICTED ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER OF RECORD BEFORE ANY WORK CAN PROCEED.
6. UNLESS OTHERWISE NOTED IN THE DRAWINGS, NO STRUCTURAL MEMBERS SHALL BE REMOVED UNLESS PORTIONS AFFECTED ARE ADEQUATELY SUPPORTED BY EITHER TEMPORARY SHORING OR NEW STRUCTURAL ELEMENTS AS REQUIRED TO PROTECT THE INTEGRITY AND SUPPORT OF THE EXISTING STRUCTURE. REFER TO STRUCTURAL DEMOLITION DRAWINGS FOR MORE INFORMATION. CHANELLING OF FLOOR SLABS OR EXISTING STRUCTURAL WALLS IS GENERALLY PROHIBITED UNLESS OTHERWISE NOTED.
7. COORDINATE NEW MASONRY OPENINGS AS REQUIRED TO PROVIDE STEEL LINTELS. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION.
8. PROVIDE ADEQUATE WEATHER PROTECTION FOR THE BUILDING AND ITS CONTENTS THROUGHOUT THE DURATION OF THE WORK. ALL OPENINGS IN ANY WALL ROOF, FLOOR OR CEILING SHALL BE PROTECTED FROM ANY FORM OF WEATHER OR WATER PENETRATION. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGES AND SHALL MAKE REQUIRED REPAIRS OR PROVIDE REPLACEMENTS PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.
9. PROPERTY IS TO BE KEPT SECURE AT ALL TIMES.
10. MAINTAIN ALL EXISTING PARTITION FIRE RATINGS THROUGHOUT THE DURATION OF THE WORK. ANY HOLES OR DAMAGE CREATED IN RATED PARTITIONS SHALL BE IMMEDIATELY REPAIRED TO MATCH EXISTING CONSTRUCTION TO MAINTAIN FIRE RATINGS. PROPERLY FIRESTOP ALL NEW PENETRATIONS AND EXISTING PENETRATIONS NOT PROPERLY FIRESTOPPED.
11. DISCONNECT AND SEAL ALL UTILITIES SERVING ITEMS AFFECTED BY CONSTRUCTION, PRIOR TO START OF DEMOLITION WORK. COORDINATE ANY REQUIRED SHUTDOWNS WITH THE OWNER.
12. REMOVE OR RELOCATE ALL WIRING, PLUMBING, MECHANICAL EQUIPMENT, ETC. AFFECTED BY REMOVAL OF PARTITIONS. REMOVED PIPES AND/OR LINES SHALL BE CUT TO A POINT OF CONCEALMENT BEHIND OR BELOW FINISHED SURFACES AND SHALL BE PROPERLY CAPPED, PLUGGED OR DISCONNECTED. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
13. ANY EXISTING VENTILATION SHAFTS/GRILLES TO REMAIN IN OPERATION ARE TO BE PROTECTED AND COVERED IN ORDER TO CONTAIN DUST, ODORS, AND DEBRIS FROM ENTERING THE SYSTEM. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.

14. FLOORING.

14.1 IN AREAS WITH FLOOR FINISHES SCHEDULED TO BE REMOVED, ALL EXISTING FINISHES ARE TO BE REMOVED TO EXPOSE THE EXISTING SUBSTRATE BELOW. ALL DEBRIS AND ADHESIVES ARE TO BE SCRAPED FROM SUBFLOOR IN PREPARATION FOR NEW FINISHES. BRING TO THE ATTENTION OF THE ARCHITECT ANY DEFICIENT CONDITIONS IN EXISTING CONSTRUCTION UNCOVERED DURING DEMOLITION.

14.2 FOR AREAS WHERE EXISTING FLOOR FINISHES AND FLOOR CONSTRUCTION BELOW ARE SCHEDULED TO BE REMOVED REFER TO DEMO NOTE 6 AND STRUCTURAL DRAWINGS FOR MORE INFORMATION. COORDINATE REMOVALS AS REQUIRED WITH NEW CONSTRUCTION.

15. WALL FINISHES.

15.1 WHERE EXISTING WALL TILE OR STONE FINISHES ARE SCHEDULED TO BE REMOVED, THE CONTRACTOR IS TO PERFORM INVESTIGATION PROBES TO DETERMINE THE EXISTING SUBSTRATE BEYOND EASILY OBSERVED FINISHES. ANY EXISTING CEMENT BOARD OR GWB SUBSTRATE IS TO BE REMOVED TOGETHER WITH THE TILE FINISH. CEMENT BLOCK OR MASONRY SUBSTRATES ARE TO BE SCRAPED AS REQUIRED IN PREPARATION TO RECEIVE NEW FINISHES. OTHER EXISTING SUBSTRATE CONDITIONS ARE TO BE FURTHER INVESTIGATED IN THE FIELD AND THE ARCHITECT IS TO BE NOTIFIED OF EXISTING SUBSTRATE CONDITIONS ONCE PROBES HAVE BEEN COMPLETED. CONTRACTOR IS TO PROVIDE SUFFICIENT NOTICE TO THE ARCHITECT SO AS NOT TO DELAY THE PROGRESS OF THE WORK.

15.2 WHERE OTHER EXISTING WALL FINISHES (WOOD, METAL CLADDING ETC) ARE SCHEDULED TO BE REMOVED, THE CONTRACTOR IS TO REMOVE THE FINISHES ONLY. SUBSTRATE IS TO REMAIN, AND CONDITION IS TO BE VERIFIED IN THE FIELD AFTER PROBES ARE PERFORMED, ON A CASE BY CASE BASIS. CONTRACTOR IS TO PROVIDE ADEQUATE NOTICE SO AS NOT TO DELAY THE WORK.

16. CEILING FINISHES.

16.1 WHERE EXISTING CEILING FINISHES ARE SCHEDULED TO BE REMOVED, DEMOLITION WORK IS TO BE PERFORMED AS FOLLOWS:
- 16.1.1 REMOVE EXISTING ACOUSTIC CEILING TILE SYSTEM IN ITS ENTIRETY INCLUDING ALL MAIN RUNNERS, TEES AND SUPPORTS UNLESS OTHERWISE NOTED.
- 16.1.2 REMOVE EXISTING SUSPENDED GWB SYSTEM IN ITS ENTIRETY AS INDICATED ON PLANS UNLESS OTHERWISE NOTED.
- 16.1.3 REMOVE EXISTING PLASTER FINISH AND ANY MESH BEYOND AS REQUIRED IN PREPARATION TO RECEIVE NEW FINISHES IN AREAS INDICATED IN PLANS.

16.2 PERFORM PROBES AS REQUIRED TO CLARIFY EXISTING SUBSTRATES AND SYSTEMS BEYOND IN AREAS WHERE EXISTING SYSTEMS ARE NOT EASILY IDENTIFIED BY OBSERVATION.

17. PATCH AND REPAIR ALL SURFACES, SUBSTRATES AND FINISHES IN AREAS AFFECTED BY REMOVALS TO AS-NEW CONDITION TO MATCH EXISTING ADJACENT CONDITIONS. IF FLOOR-MOUNTED EQUIPMENT IS REMOVED AND NOT REPLACED, OR AT LOCATIONS WHERE EXISTING PARTITIONS ARE SCHEDULED TO BE REMOVED AND NOT REPLACED, PROVIDE AND INSTALL NEW FLOORING TO MATCH EXISTING ADJACENT CONDITIONS.
18. REMOVE FROM SITE ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION WORK AND AS REQUIRED DURING THE COURSE OF NEW CONSTRUCTION WORK. THE WORK SITE IS TO BE KEPT CLEAN WITH NO DEBRIS PERMITTED TO ACCUMULATE ON SITE. THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEAN AT THE END OF DEMOLITION.

19. UNCOVERED CONDITIONS DURING DEMOLITION.

19.1 ALL WALLS SCHEDULED TO BE REMOVED HAVE BEEN INSPECTED TO DETERMINE WHETHER THEY ARE LOAD BEARING. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION. IF ANY EXISTING STRUCTURAL MEMBER OR LOAD BEARING WALL IS UNCOVERED DURING THE COURSE OF DEMOLITION IT IS NOT TO BE DISTURBED. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY SO THAT ANY DESIGN CHANGES CAN BE MADE TO ACCOMMODATE PROPOSED WORK WITHOUT DISTURBING EXISTING STRUCTURE. CONTRACTOR IS TO PROVIDE SUFFICIENT NOTICE SO AS NOT TO DELAY THE WORK.

19.2 ANY MECHANICAL OR PLUMBING CHASES UNCOVERED DURING THE COURSE OF DEMOLITION ARE NOT TO BE DISTURBED UNLESS OTHERWISE NOTED ON THE DRAWINGS. CONTRACTOR IS TO NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY OF ANY EXISTING CONDITION NOT DEPICTED IN THE DRAWINGS FOR ARCHITECT/ENGINEER TO ASSESS THE EXISTING SYSTEM AND ACCOMMODATE PROPOSED WORK WITHOUT DISTURBING EXISTING BUILDING SYSTEMS. CONTRACTOR IS TO PROVIDE SUFFICIENT NOTICE SO AS NOT TO DELAY THE WORK.

19.3 IN AREAS WHERE EXISTING CEILING FINISHES OR CEILINGS ARE SCHEDULED TO BE REMOVED OR REPLACED, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FROM EXISTING CONDITIONS DEPICTED IN THE DRAWINGS, AND OF ANY EXISTING STRUCTURAL MEMBER, MEP SERVICES OR EQUIPMENT UNCOVERED DURING DEMOLITION.

19.4 CONTRACTOR IS TO IDENTIFY ANY EXISTING CONDITIONS BEYOND EASILY OBSERVED FINISHES, OR PROPOSED FINISHES AFFECTING ALL WORK DURING THE COURSE OF DEMOLITION, AND NOTIFY THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH NEW CONSTRUCTION, SO THAT ANY DESIGN CHANGES CAN BE MADE TO ACCOMMODATE UNCOVERED CONDITIONS. THE CONTRACTOR IS TO PROVIDE ADEQUATE NOTICE SO AS NOT TO DELAY THE WORK.

19.5 AT DEMOLITION COMPLETION, A SITE MEETING IS TO BE SCHEDULED TO REVIEW EXISTING CONDITIONS WITH THE ARCHITECT AND ENGINEER SO THAT ANY UNFORESEEN AND UNCOVERED CONDITIONS CAN BE INCLUDED IN THE DESIGN AND CHANGES CAN BE MADE IN A TIMELY MANNER.

20. CONTRACTOR IS TO PROTECT ALL BUILDING COMMON AREAS THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES. ALL AFFECTED AREAS ARE TO BE KEPT DUST FREE AND CLEANED DAILY. CONTRACTOR SHALL ADHERE TO ALL OWNER REQUIREMENTS RELATIVE TO THE PROTECTION OF WORK AREAS AS OUTLINED IN THE PROJECT SPECS AND CONTRACT.
21. UNLESS OTHERWISE NOTED, DOORS SCHEDULED TO BE REMOVED INCLUDING THEIR HARDWARE SHALL BE TURNED OVER TO THE OWNER. MATERIALS NOT WANTED BY THE OWNER SHALL BE DISCARDED BY THE CONTRACTOR.
22. DEMOLITION PLANS INDICATE INTENT OF REMOVALS ONLY. THE TOTAL EXTENT OF REMOVAL IS BASED ON THE REQUIREMENTS OF THE NEW WORK.
23. DEMOLITION NOTED SHALL MEAN THE REMOVAL OF THE SYSTEM OR ASSEMBLY, IN ITS ENTIRETY, UNLESS OTHERWISE INDICATED.

CONSTRUCTION NOTES

1. GENERAL.

1.1. THE CONSTRUCTION NOTES ARE PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR MUST BE FAMILIAR AND FULLY COMPLY WITH THESE NOTES, DEMOLITION NOTES, AND ALL DRAWING NOTES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY REVIEW ALL CONTRACT DOCUMENTS INCLUDING ALL DRAWINGS, SPECIFICATIONS AND NOTES PRIOR TO THE COMMENCEMENT OF WORK.

1.2. ALL CONTRACTORS ARE REQUIRED TO HAVE REVIEWED THE DRAWINGS AND BE FAMILIAR WITH THE WORK OF OTHER TRADES. ANY DISCREPANCY, OVERLAP, OR UNCERTAINTY OR DISPUTED AREAS OF WORK MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE THE END OF BIDDING.

1.3. ALL CONTRACTORS ARE REQUIRED TO HAVE CAREFULLY REVIEWED THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION PRIOR TO THE START OF WORK AND ARE EXPECTED TO FULLY COMPLY WITH THE CONTRACT REQUIREMENTS.

1.4. ALL WORK SHALL COMPLY WITH THE NYS BUILDING CODE, LIFE SAFETY CODE, FIRE PREVENTION CODE AS WELL AS THE LATEST NYSED MANUAL OF PLANNING STANDARDS AND ALL OTHER APPLICABLE CODES, LOCAL LAWS OR STATUTES REQUIRED.

1.5. DIMENSIONS ARE GIVEN THUS UNLESS OTHERWISE NOTED, FROM SURFACE OF SURFACE BETWEEN WALLS, PARTITIONS, AND OTHER ITEMS EXCLUSIVE OF FINISHES:
- TO FACE OF EXISTING CONSTRUCTION
- TO FACE OF NEW CONSTRUCTION
- TO FACE OF MASONRY WALL
- TO FACE OF GYPSUM BOARD WALLS
- TO COLUMN CENTERLINES
- TO FINISH OF SOFFIT OR CEILING

1.6. DO NOT SCALE DRAWINGS. ANY OMISSION, ERROR OR CONFLICT MUST BE BROUGHT TO THE TO ARCHITECT'S ATTENTION FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

1.7. GIVEN DIMENSIONS NOTED ON THE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.

1.8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING THE COURSE OF THE PROJECT AGAINST DAMAGE, BREAKAGE, COLLAPSE OR OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.

1.9. SIZE OF MASONRY UNITS AND FRAMING MEMBERS ON PLANS, SECTIONS AND ELEVATIONS ARE SHOWN AS ACTUAL SIZE.

1.10. ALL WOOD BLOCKING WITHIN 2FT OF GRADE AND WITHIN ROOF SYSTEM, PARAPET ETC IS TO BE PRESSURE TREATED.

1.11. ALL ROUGH FRAMING AND BLOCKING SHALL BE FIRE RATARDANT TREATED.

1.12. ALL PRIME CONTRACTORS ARE REQUIRED TO REVIEW THE COMPLETE BID PACKAGE IN ITS ENTIRETY AND INCLUDE IN THEIR BID ALL WORK REQUIRED TO COMPLETE THE SCOPE OF WORK IN ITS ENTIRETY. REFER TO PROJECT MANUAL FOR SUMMARY OF WORK BY EACH CONTRACTOR

1.13. ALL CONTRACTORS SHALL MAINTAIN SAFE EGRESS AT ALL TIMES TO ALL BUILDING EXITS. THERE SHALL BE NO STORAGE OF MATERIALS IN PATH OF EGRESS AND EGRESS EXITS AND ACCESS PASSAGEWAYS SHALL BE MAINTAINED UNOBSTRUCTED AT ALL TIMES.

1.14. FOR ALL WORK INDICATED ON DRAWINGS AS "NEW TO MATCH EXISTING CONSTRUCTION" THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND FAMILIARIZE WITH THE SCOPE OF WORK. CONTRACTOR TO OBTAIN SAMPLES OF EXISTING MATERIALS AND SUBMIT MATCHING SAMPLES TO ARCHITECT FOR REVIEW IN A TIMELY MANNER.

1.15. ADDITIONAL NOTES THAT ARE APPLICABLE TO THIS PROJECT CAN BE FOUND THROUGHOUT THE DRAWING SET.

1.16. REFER TO SPEC SECTION 013300 – SUBMITTAL PROCEDURES FOR REQUIRED SHOP DRAWINGS, SAMPLES, COORDINATION DRAWINGS AND MOCK UP REQUIREMENTS.

1.17. REFER TO ALL PROJECT SPECIFICATIONS FOR FURTHER INFORMATION.

1.18. REFER TO STRUCTURAL, MEP, SITE/CIVIL DRAWINGS FOR MORE INFORMATION ON ENTIRE PROJECT SCOPE AND COORDINATION ITEMS.

2. COORDINATION.

2.1. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY EXECUTION AND COMPLETION OF THE PROJECT.

2.2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL EXISTING TO REMAIN CONSTRUCTION WITH SCHEDULED NEW WORK AND WITH THE WORK OF ALL OTHER PRIME CONTRACTORS.

2.3. EXISTING FRAMING INFORMATION ILLUSTRATED ON THESE DRAWINGS MUST BE VERIFIED IN THE FIELD BY THE PRIME CONTRACTOR(S) AFTER REMOVALS AND PRIOR TO COMMENCEMENT OF NEW CONSTRUCTION.

2.4. ANY DISCREPANCIES FROM EXISTING CONDITIONS SHOWN ON THESE DRAWINGS, OR EXISTING CONDITIONS UNCOVERED DURING DEMOLITION ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE PROCEEDING WITH NEW WORK. REFER TO PROJECT SPECS AND DEMOLITION NOTES.

2.5. UNLESS OTHERWISE NOTED, CONTRACTOR IS TO VERIFY IN FIELD ALL EXISTING CONSTRUCTION TO REMAIN ADJACENT TO ANY NEW SCHEDULED CEILINGS, SOFFITS, DOORS, FRAMES OR CASEWORK AND CONFIRM IT IS PLUMB AND SQUARE PRIOR TO INSTALLATION OF NEW WORK. IF ANY EXISTING TO REMAIN CONSTRUCTION IS FOUND TO BE SIGNIFICANTLY OFF SQUARE OR OFF ALIGNMENT IT SHALL BE CORRECTED AS REQUIRED IN ORDER TO ENSURE NEW WORK INSTALLATION IS PLUMB AND SQUARE.

2.6. FINAL CEILING HEIGHTS ARE TO BE COORDINATED IN THE FIELD AND CONFIRMED WITH ARCHITECT PRIOR TO NEW CEILING WORK BEING PERFORMED.

2.6.1. AFTER CEILING HEIGHT COORDINATION AND SHOP DRAWING REVIEW HAS BEEN COMPLETED IF ANY FIELD OR OTHER CONDITION EXISTS THAT DOES NOT ALLOW FOR APPROVED CEILING HEIGHTS TO BE MAINTAINED IT WILL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR WHOSE WORK IS IN CONFLICT TO NOTIFY CONSTRUCTION MANAGER AND ARCHITECT OF RECORD BEFORE PROCEEDING WITH THE INSTALLATION OF THE WORK. THERE WILL BE NO ADDITIONAL MONIES PAID FOR FAILURE TO COORDINATE FINISHED CEILINGS.

2.7. ANY EXISTING FIRE ALARM OR SECURITY ACCESS DEVICES THAT NEED TO BE RELOCATED TO FACILITATE SCHEDULED WORK, TEMPORARILY DISCONNECTED OR OTHERWISE IMPACTED BY THE COURSE OF THE WORK IS TO BE COORDINATED WITH THE OWNER AND THE ENGINEER OF RECORD BEFORE THE WORK CAN PROCEED.

2.8. ALL LOCATIONS OF EXISTING STRUCTURAL SYSTEMS, INCLUDING BUT NOT LIMITED TO EXISTING COLUMNS, BEAMS, SLAB AND ROOF ELEVATIONS, SLAB EDGES, CANTILEVERS, STEEL FRAMING OR ANY BEARING MASONRY WALLS ARE TO BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES BROUGHT TO THE ARCHITECT'S ATTENTION FOR COORDINATION WITH NEW WORK. THESE DRAWINGS ARE BASED ON OBSERVATIONS OF READILY VISIBLE CONDITIONS AND EXISTING STRUCTURAL DRAWINGS PROVIDED BY THE CLIENT. THE AOR WILL NOT BE HELD RESPONSIBLE FOR ANY DISCREPANCIES IN EXISTING STRUCTURAL SYSTEMS IDENTIFIED IN THESE DRAWINGS BEYOND READILY VISIBLE CONDITIONS THAT WERE NOT VERIFIED IN THE FIELD AND COORDINATED BY THE CONTRACTOR AFTER THE SCHEDULED DEMOLITION WORK HAS BEEN PERFORMED.

2.9. IF APPLICABLE, THE LOCATIONS AND DIMENSIONS OF CONCRETE EQUIPMENT PADS IN THESE DRAWINGS ARE APPROXIMATE. FINAL LOCATIONS AND SIZES MUST BE COORDINATED WITH THE EQUIPMENT MANUFACTURER AND ARE SUBJECT TO APPROVAL WITH THE EQUIPMENT SHOP DRAWINGS. THERE SHALL BE NO ADDITIONAL MONIES PAID FOR INCREASE OF SIZE OF PAD DUE TO DIFFERENCE IN SIZE OF THE EQUIPMENT CHOSEN BY THE CONTRACTOR FROM THAT OF MODEL NUMBER/SIZE INDICATED ON THE CONTRACT DOCUMENTS.

3. CUTTING AND PATCHING.

3.1. WORK WILL NOT REQUIRE MODIFICATIONS, CUTTING OR CHANNELING TO ANY FLOOR SLAB, CEILING BEAM OR OTHER STRUCTURAL ELEMENT. THIS IS STRICTLY PROHIBITED UNLESS SPECIFICALLY INDICATED ON THESE DRAWINGS.

3.2. ALL EXISTING THROUGH SLAB PENETRATIONS, CHASE WALL PENETRATIONS, CHASE WALL JOINTS AT THE TOP AND BOTTOM MUST BE SEALED WITH APPROVED FIRE STOP/SEALANT MATERIAL WHICH WILL PREVENT DUST INFILTRATION, SOUND/NOISE, ODOR INFILTRATION, RODENT ACCESS AND FIRE TRANSMISSION INTO SURROUNDING BUILDING SPACES OR AREAS. ALL FIRE RATED CHASE WALLS, SHAFT ENCLOSURES AND FIRE STOPPING MUST REMAIN IN PLACE, UNTIL ACTUAL WORK CAN BE IMPLEMENTED, THESE AREAS CANNOT BE LEFT OPEN OR UNPROTECTED OVERNIGHT. DUST PROTECTION ALONG WITH PROPER PROTECTION AGAINST NOISE/ODOR DUST OR FUMES MUST BE IMPLEMENTED IMMEDIATELY UPON OPENING. ANY WORK PERFORMED CANNOT LOWER EXISTING FIRE RATINGS.

3.3. NO ELECTRICAL WORK THAT WOULD REQUIRE PENETRATIONS OF EXTERIOR WALLS. SHAFT WALLS, OR ROOFS IS PERMITTED UNLESS SPECIFICALLY INDICATED OR OTHERWISE NOTED ON THESE DRAWINGS. SEE ELEC. DRAWINGS FOR MORE INFORMATION.

3.4. ALL PENETRATIONS THROUGH EXISTING CONCRETE SLABS AND FIRE RATED WALLS EXISTING OR NEW SHALL BE FIRE STOPPED WITH APPROVED FIRE STOPPING COMPOUND. SEE FIRESTOPPING DETAILS.

3.5. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR PATCHING AND SEALING THEIR PENETRATIONS RESULTING EITHER FROM SCHEDULED NEW WORK OR FROM REMOVALS OF EXISTING EQUIPMENT, PENETRATIONS OR OTHER SCHEDULED REMOVALS.

4. WATERPROOFING/SOUNDPROOFING:

4.1. UNLESS OTHERWISE NOTED ALL WET AREAS TO BE WATERPROOFED WITH LIQUID MEMBRANE WATERPROOFING WITH REINFORCEMENT FLEECE BELOW ALL FLOOR TILES, FIXTURES AND CABINETS. THE WATERPROOFING SYSTEM MUST BE INSTALLED AT LEAST 40MIL THICK AND SHALL EXTEND UP THE WALLS 12" AT ALL LOCATIONS AND UP AT ALL DOOR SADDLES. SHOWER WALLS, IF APPLICABLE TO BE WATERPROOFED FULL HEIGHT.

4.2. UNLESS OTHERWISE NOTED, AFTER WATERPROOFING FLOOR PROVIDE 5MM THICK SOUND CONTROL UNDERLAYMENT WITH SOUND TRANSMISSION (STC) RATING OF 50 AND IMPACT INSULATION CLASS (IIC) OF 50.

4.3. REFER TO SPEC SECTION 093013 FOR MORE INFORMATION.

5. FINISHES:

5.1. ANY EXISTING FINISH DISTURBED DURING THE COURSE OF THE WORK SHALL BE REPAIRED TO BRING TO AS NEW STANDARDS WHEN ADJACENT TO NEW CONSTRUCTION OR WHEN DAMAGED DURING THE COURSE OF WORK. THIS INCLUDES AND IS NOT LIMITED TO FLOOR AND WALL FINISHES, CASEWORK, GYPSUM WALL BOARD WALL ASSEMBLIES, INTERIOR OR EXTERIOR MASONRY WALL CONSTRUCTION.

5.2. ANY EXISTING FINISH THAT IS UNCOVERED DURING DEMOLITION THAT IS UNFINISHED OR DAMAGED MUST BE FINISHED AS REQUIRED TO MATCH ADJACENT CONSTRUCTION OR NEW SCHEDULED WORK, INCLUDING BUT NOT LIMITED TO EXISTING WALL FINISHES ABOVE EXISTING CEILINGS, EXISTING FLOOR FINISHES BELOW EXISTING CASEWORK OR ANY EXISTING FINISHES BEYOND EXISTING CONSTRUCTION OR EQUIPMENT SCHEDULED TO BE REMOVED.

5.3. ALL EXISTING AND NEW WALL AND SOFFIT ARE TO BE FINISHED.

5.4. PATCH AND LEVEL EXISTING SUBFLOOR DUE TO REMOVAL OF EXISTING FINISHES AND REPAIR WALLS TO RECEIVE NEW FINISHES. PROVIDE CEMENT LEVELING COMPOUND AS REQUIRED, MIN ¼" THICK AND UP TO MAX. 5" THICK WITH THE ADDITION OF AGGREGATE AS PER PROJECT SPECS.

5.5. ALL TILE FLOOR FINISHES TO BE INSTALLED LEVEL AND TRUE WITH NO FINISH LEVEL VARIATION EXCEEDING 1/8"/10'-0" AND UNIFORM JOINTS NOT EXCEEDING 1/16".

5.6. FINISH ALL EXISTING AND NEW WALL SURFACES IN THE WORK AREA TO A LEVEL 5 FINISH.

5.7. UNLESS OTHERWISE INDICATED, IN ROOMS SCHEDULED TO RECEIVE WALL AND FLOOR TILE FINISHES, FLOOR AND WALL TILE JOINTS ARE TO ALIGN.

5.8. CLEAN, PROVIDE SEALANT AND PROTECT TILE FINISHES AS DESCRIBED IN THE PROJECT SPECS.

5.9. ALL EXISTING TO REMAIN EXPOSED HVAC COVERS, PIPING, GRILLES ETC ARE TO BE PAINTED AND/OR REFINISHED AS DESCRIBED IN THE PROJECT SPECS.

5.10. ALL EXISTING AND NEW METAL DOOR FRAMES ARE TO BE PAINTED TO MATCH WALL COLOR UNLESS OTHERWISE NOTED. EXISTING WOOD FRAMES ARE TO BE STAINED, COLOR TO BE DETERMINED.

5.11. ANY CASEWORK SCHEDULED TO RECEIVE PAINT FINISH IS TO BE DELIVERED ON SITE PRIMED AND READY FOR FIELD PAINTING.

5.12. THE TERM FINISH FLOOR REFERS TO THE NORMAL FINISH SURFACE OF THE FLOOR LEVEL.

5.13. THE CONTRACTOR IS TO INSTALL FLOOR FINISHES UNDER ALL SCHEDULED CASEWORK AND INSIDE CLOSETS.

5.14. UNLESS OTHERWISE NOTED CONTRACTOR SHALL EXTEND ALL WALL FINISHES A MINIMUM OF 6" ABOVE THE SUSPENDED OR FURRED CEILING.

5.15. IF APPLICABLE, FOR PARTIALLY OPEN OR FLOATING CEILINGS ALL EXISTING TO REMAIN AND NEW CONSTRUCTION AND EQUIPMENT ABOVE FINISHED CEILING IS TO BE PAINTED, COLOR TO BE DETERMINED.

5.16. REFER TO FINISH PLANS FOR SPECIFIC FLOOR TILE LAYOUT. UNLESS OTHERWISE NOTED SCHEDULED FLOOR TILE FINISH TO START WITH FULL TILE AT ROOM'S ENTRANCE DOOR, CENTERED IN ROOM.

5.17. PROVIDE TRANSITION STRIPS BETWEEN DIFFERENT FLOORING MATERIALS, OR DISSIMILAR CARPET TO CARPET, TILE TO TILE OR SIMILAR TRANSITIONS.

5.18. SUBMIT SAMPLES AND PRODUCT DATA OF ALL SCHEDULED FINISHES FOR ARCHITECT'S REVIEW AND APPROVAL.

6. CASEWORK

6.1. ALL CASEWORK TO HAVE PLASTIC LAMINATE FINISH, UNLESS OTHERWISE NOTED.

6.2. PROVIDE PLYWOOD BLOCKING AT WALLS, EXISTING OR NEW, WHERE NEW CASEWORK OR OPEN COUNTERTOPS ARE SCHEDULED TO BE INSTALLED.

6.3. PROVIDE WOOD STRETCHERS WITHIN ALL CASEWORK UNITS WIDER THAN 30" WITHIN CASEWORK BASE.

6.4. ALL EDGEBANDING TO BE SOLID/COLOR CORE, COLOR TO MATCH PLASTIC LAMINATE FINISH.

6.5. PROVIDE LOCKS AT ALL CASEWORK CABINET DOORS AND DRAWERS SCHEDULED TO BE INSTALLED IN THE NURSE SUITE AND AT OTHER LOCATIONS INDICATED ON DRAWINGS.

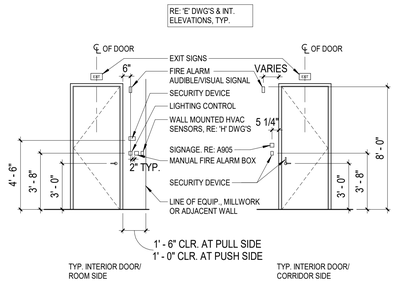
6.6. PROV

TOILET ROOM NOTES

1. THE HEIGHTS SHOWN ARE TYPICAL AND DO NOT NECESSARILY SHOW ALL EQUIPMENT THAT ARE TO BE LOCATED ON WALLS.
2. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AT THE WALL GENERALLY THROUGHOUT THE PROJECT.
3. THE DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UNO.
4. THE DIMENSIONS CALLED OUT ARE TO THE CENTERLINE OF FIXTURES AND EQUIPMENT AS SHOWN, UNO.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UNO.
6. INSTALL PRESSURE TREATED WOOD BLOCKING IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.

TOILET ROOM KEY NOTES

- EWC ELECTRIC WATER COOLER, COORDINATE WITH PLUMBING DRAWINGS
- GB1 36" GRAB BAR
- GB2 42" GRAB BAR
- GB3 18" GRAB BAR
- LAV LAVATORY, COORDINATE WITH PLUMBING DRAWINGS
- MR1 18"x30" CHANNEL FRAMED GLASS MIRROR
- PD PAPER TOWEL DISPENSER (PROVIDED BY OWNER)
- SD SOAP DISPENSER (PROVIDED BY OWNER)
- SNR SANITARY NAPKIN WASTE RECEPTACLE
- SND SANITARY NAPKIN AND TAMPON DISPENSER
- TD TOILET TISSUE DISPENSER (PROVIDED BY OWNER)
- TP TOILET PARTITION
- UP URINAL PARTITION
- UR URINAL, COORDINATE WITH PLUMBING DRAWINGS
- WCW WATER CLOSET, WALL MOUNTED, COORDINATE WITH PLUMBING DRAWINGS
- WR WASTE RECEPTACLE

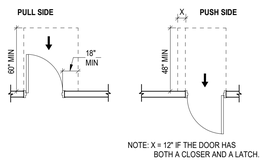


TYPICAL DEVICE LOCATIONS

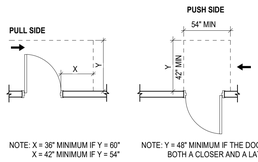
1/4" = 1'-0"

50

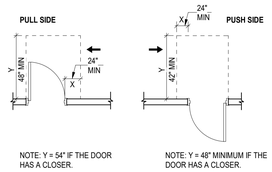
ADA BUILDING CLEARANCE REQUIREMENTS / ACCESSIBILITY CLEARANCES



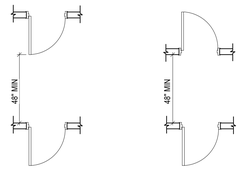
FRONT APPROACHES - SWINGING DOORS



HINGE-SIDE APPROACHES - SWINGING DOORS

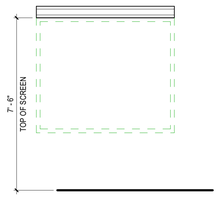


LATCH-SIDE APPROACHES - SWINGING DOORS

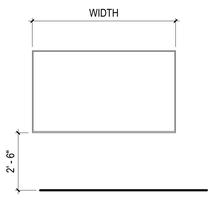


TWO HINGED DOOR IN SERIES

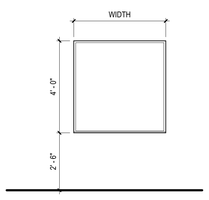
NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH CLEARANCES FOR FRONT APPROACHES



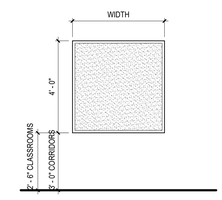
#PS PROJECTION SCREEN (# = WIDTH IN FEET)



#SB SMARTBOARD (# = WIDTH IN FEET)



#WB WHITEBOARD (# = WIDTH IN FEET) (LINED WITH STAFF AT MUSIC ROOMS)

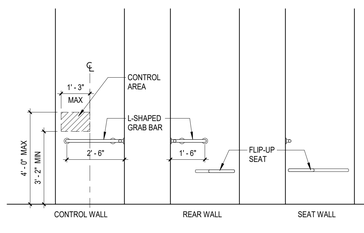


#PB PIN UP BOARD (# = WIDTH IN FEET)

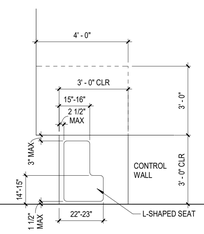
DISPLAY MOUNTING DETAILS

3/8" = 1'-0"

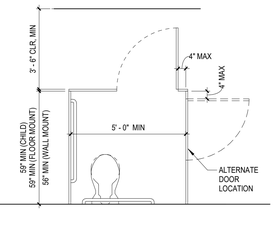
30



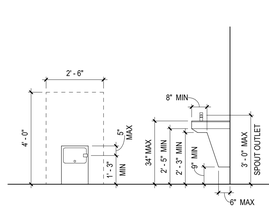
SHOWER COMPARTMENT ELEVATIONS



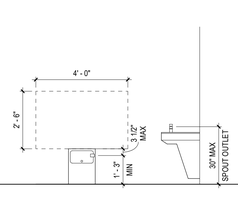
SHOWER COMPARTMENT PLAN



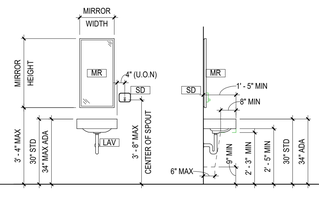
TOILET COMPARTMENT



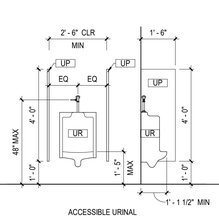
ACCESSIBLE ELECTRIC WATER COOLER



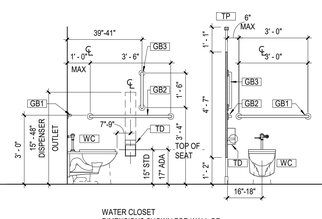
ACCESSIBLE ELECTRIC WATER COOLER CHILD HEIGHT WITH PARALLEL APPROACH



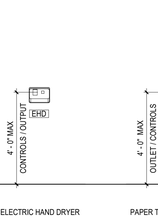
ACCESSIBLE LAVATORY WITH MIRROR AND SOAP DISPENSER



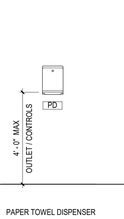
ACCESSIBLE URINAL



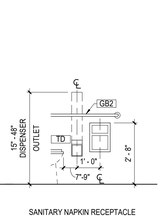
WATER CLOSET DIMENSIONS SHOWN FOR WALL OR FLOOR MOUNTED WATERCLOSETS



ELECTRIC HAND DRYER



PAPER TOWEL DISPENSER



SANITARY NAPKIN RECEPTACLE

ADULT TOILET EQUIPMENT DETAILS

3/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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STAMFORD, CT 06905
203.352.1717

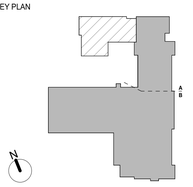
SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

TYPICAL MOUNTING HEIGHTS AND CLEARANCES

G003

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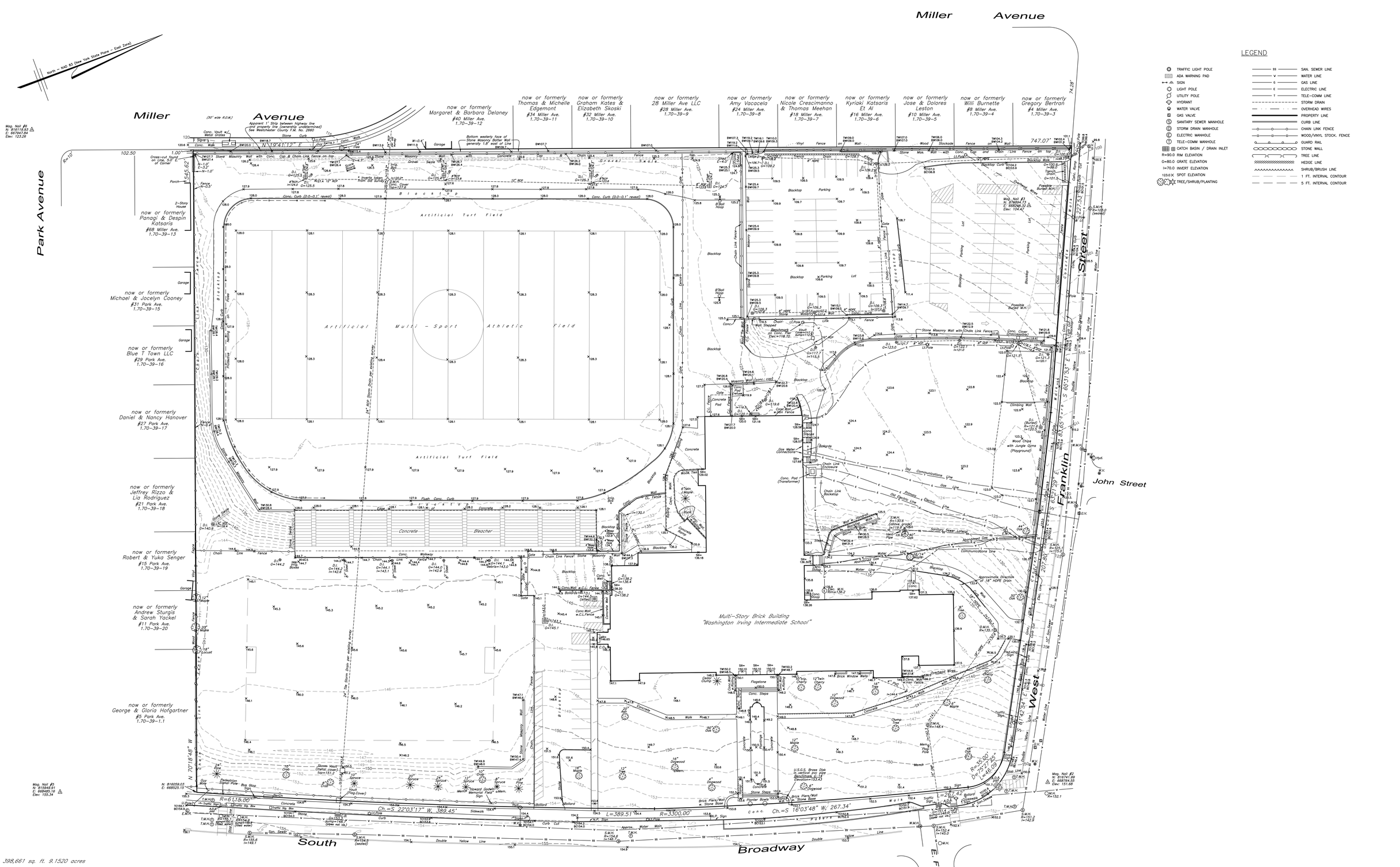

Area = 398,661 sq. ft. 9.1520 acres

Vertical Datum: NAVD 1988.

Horizontal Datum: NYSP East Zone – NAD 83.

This survey was prepared without the benefit of a title report. The subject property may be affected by instruments not provided to these surveyors.

Subsurface structures and their encroachments, if any exist, are not shown hereon. Underground utilities as depicted hereon are approximate only and are not guaranteed as to their accuracy or completeness. Where shown, underground utility locations are based on visible surface evidence and/or field markings by "ACS Underground Solutions" utilitizing ground penetrating radar and existing plans provided to this office. Off-site underground utilities shown in road R.O.W. are also approximate and are based on surface evidence and utility company paint markings.

"Unauthorized alterations or additions to a survey map is a violation of section 7209, sub-division 2, of the New York State Education Law."

"Only copies of the original survey marked with the land surveyor's inked or embossed seal shall be considered a true and valid copy."

"Certifications indicated hereon signify that this survey was prepared in accordance with the existing code of practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said certifications shall run to the person for whom the survey is prepared only, and on his behalf to the Title Company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

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Survey of Property
prepared for
Public Schools of the Tarrytowns
in the Village of
Tarrytown
Town of Greenburgh
Westchester County, N.Y.
Scale 1"=30' Apr. 2, 2024

The premises being Lot 2 in Block 39 of Section 1.70 as shown on the official tax assessment maps of the Town of Greenburgh,

G004

Ward Carpenter Engineers Inc.
76 Mamaroneck Avenue
White Plains, N.Y. 10601

2020 EXISTING BUILDING CODE OF NEW YORK STATE - CHAPTER 6
CLASSIFICATION OF WORK

EBC 603	**ALTERATION - LEVEL 2**	
EBC 603.1	SCOPE	LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.
EBC 606	**ADDITIONS**	
EBC 606.1	SCOPE	PROVISIONS FOR ADDITIONS SHALL APPLY WHERE WORK IS CLASSIFIED AS AN ADDITION AS DEFINED IN CHAPTER 2.
EBC 606.2	APPLICATION	ADDITIONS TO EXISTING BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 11.
EBC 803.2.2	AUTOMATIC SPRINKLER SYSTEMS GROUP E	WORK AREA < 50% OF FLOOR AREA. AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED.
EBC 1101.1	SCOPE	AN ADDITION TO A BUILDING OR STRUCTURE SHALL COMPLY WITH THE UNIFORM CODE AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER. WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE.

2020 BUILDING CODE OF NEW YORK STATE - CHAPTER 3
OCCUPANCY CLASSIFICATION AND USE

BC 302.1	OCCUPANCY CLASSIFICATION	3. EDUCATIONAL (SECTION 305):	**GROUP E**
BC 303.1.3	ASSOCIATED WITH GROUP E OCCUPANCY	A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPARATE OCCUPANCY.	
BC 305.1	EDUCATIONAL GROUP E	EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.	

2020 BUILDING CODE OF NEW YORK STATE - CHAPTER 5
GENERAL BUILDING HEIGHTS AND AREAS

2020 NYS BUILDING CODE 2020 NYS EXISTING BUILDING CODE 2020 NYS PLUMBING CODE 2020 NYS ENERGY CODE 2022 NYSED MAUNAL OF PLANNING STANDARDS	PERMITTED / REQUIRED	BUILDING A (ORIGINAL)	BUILDING B (1997 & 2025 ADDITION)	COMPLIANCE	COMMENTS
BC 602 CONSTRUCTION CLASSIFICATION		III-A	II-B		
AUTOMATIC SPRINKLER FIRE PROTECTION SYSTEM		PARTIAL	FULL		
BC 302.1 OCCUPANCY CLASSIFICATION		GROUP E	GROUP E		EXISTING NO CHANGE PROPOSED
BC 504.3 BUILDING HEIGHT IN FEET	(PERMITTED / PROPOSED)	40 / 76 EXISTING NON-CONFORMANCE	75 / 54	YES	EXISTING NON-CONFORMANCE. PROPOSED WILL NOT INCREASE THE NON-CONFORMANCE.
BC 504.4 NUMBER OF STORIES	(PERMITTED / PROPOSED)	3 / 6 EXISTING NON-CONFORMANCE	3 / 3	YES	EXISTING NON-CONFORMANCE. PROPOSED WILL NOT INCREASE THE NON-CONFORMANCE.
BC 506.2 ALLOWABLE AREA		23,500 SF	43,500 SF	YES	
BC 506.2.3 SINGLE OCCUPANCY MULTISTORY BUILDINGS	EQ 5-2 Aa = [At + (NS x0.3) x5a	118,440 SF		YES	SEE LS101
BC 506.3 FRONTAGE INCREASE	EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE.			YES	SEE LS101
BC 506.3.1 MINIMUM PERCENTAGE OF PERIMETER	25% OF PERIMETER ON A PUBLIC WAY OR OPEN SPACE	93%		YES	SEE LS101 AND C200
BC 506.3.2 MINIMUM FRONTAGE DISTANCE	20FT TO ANY OF THE FOLLOWING: CLOSEST INTERIOR LINE, THE ENTIRE WIDTH OF A STREET, ALLEY OR PUBLIC WAY, THE EXTERIOR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY.			YES	SEE LS101 AND C200
	EQ 5-4 W = L1 x w1 + L2 x w2 + L3 x w3 + L4 x w4) / f	30			
BC 506.3.3 AMOUNT OF INCREASE	EQ. 5-5 It = [F/P-0.25]W/30	0.60		YES	
PROPOSED FLOOR AREA		73,046 COMPLIES	23,577 COMPLIES	YES	

2020 BUILDING CODE OF NEW YORK STATE - CHAPTER 6
TYPES OF CONSTRUCTION

BC TABLES 601 & 602 CHAPTER 6 - TYPES OF CONSTRUCTION

TABLE 601: FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)	TABLE 602: FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE:
BUILDING ELEMENT BASED ON TYPE IIB CONSTRUCTION TYPE:	FIRE SEPARATION = X FEET WHERE X IS GREATER THAN OR EQUAL TO 30 FEET, OCCUPANCY E:
PRIMARY STRUCTURAL FRAME: 0 HOUR	
BEARING WALLS EXTERIOR: 0 HOUR	
BEARING WALLS INTERIOR: 0 HOUR	
NONBEARING WALLS & PARTITIONS EXTERIOR: SEE TABLE 602 AT RIGHT	NONBEARING WALLS & PARTITIONS EXTERIOR: RATING REQUIRED = 0 HOURS
NONBEARING WALLS & PARTITIONS INTERIOR: 0 HOURS	
FLOOR CONSTRUCTION & ASSOC. SECONDARY MEMBERS: .0 HOUR	
ROOF CONSTRUCTION & ASSOC. SECONDARY MEMBERS: 0 HOUR	

BC 903.2.3	AUTOMATIC SPRIKLER SYSTEMS - GROUP E	AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS: 2. THE GROUP E FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE SERVING SUCH OCCUPANCIES. BUILDING 'B' WILL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM.
BC 1704.2	SPECIAL INSPECTIONS AND TESTS	[...] THE OWNER OR THE OWNER'S AUTHORIZED AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLY ONE OR MORE APPROVED AGENCIES TO PROVIDE SPECIAL INSPECTIONS AND TESTS DURING CONSTRUCTION ON THE TYPES OF WORK SPECFIED IN SECTION 1705 AND IDENTIFY THE APPROVED AGENCIES TO THE BUILDING OFFICIAL. SEE SPECIFICATION 'SECTION 014326 - TESTING LABORATORY SERVICES' FOR REQUIREMENTS AND LIST OF INSPECTIONS AND TESTINGS.

2020 BUILDING CODE OF NEW YORK STATE - CHAPTER 10
MEANS OF EGRESS

NYS BC TABLE 1004.5 MAX FLOOR AREA PER OCCUPANT

ACCESSORY STORAGE AREAS / MECHANICAL EQUIPMENT ROOMS:	**300 SF GROSS**
ASSEMBLY, W/O FIXED SEATS, UNCONCENTRATED:	**15 SF NET**
BUSINESS AREAS:	**150 SF NET**
EDUCATIONAL (CLASSROOM AREA):	**20 SF NET**
CAFETERIA:	**7 SF (PER SED)**
KITCHENS, COMMERCIAL:	**200 SF GROSS**
LOCKER ROOMS:	**50 SF GROSS**
STAGES AND PLATFORMS:	**15 SF NET**
GYMNASIUM:	**450 (POSTED)**

NYS BC 1005.3.1 STAIRWAYS
THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH (7.6 MM) PER OCCUPANT.

NYS BC 1005.3.2 OTHER EGRESS COMPONENTS
THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH (5.1 MM) PER OCCUPANT

NYS BC 1006.2.1. SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY:	E
MAX OCCUPANT LOAD OF SPACE:	**49 OCCUPANTS /**
MAX COMMON PATH OF EGRESS TRAVEL DISTANCE:	**75 FT /**

NYS BC TABLE 1006.3.2 MINIMUM NUMBER OF EXITS PER STORY

SUB-BASMENT, BASEMENT, SECOND, AND THIRD FLOOR	**2 / COMPLIES**
GROUND FLOOR:	**3 / COMPLIES**
FIRST FLOOR:	**4 / COMPLIES**

NYS BC 1010.1.1 SIZE OF DOORS
THE REQUIRED CAPACITY OF EACH DOOR SHALL BE SUFFICIENT FOR THE CLEAR OCCUPANT LOAD THEREOF AND SHALL PROVIDE A MINIMUM CLEAR OPENING WIDTH OF 32 INCHES.

SED S109-3 DOOR SIZES
NO DOOR FROM A SPACE OF PUPIL OCCUPANCY NOR A SINGLE EXIT DOOR SHALL BE LESS THAN 36 INCHES IN WIDTH NOR MORE THAN 44 INCHES IN WIDTH UNLESS SPECIFICALLY APPROVED.

THE PROPOSED PROJECT INCLUDES REPLACING EXISTING, UNRATED DOORS AND FRAMES BETWEEN OCCUPIED SPACES AND THE CORRIDORS. SOME OF THE DOORS PLANNED TO BE REPLACED ARE LESS THAN 36" WIDE, AND SOME OF THE OPENINGS PLANNED TO BE REPLACED ARE LESS THAN 36" WIDE. HOWEVER, THE EXISTING CLEAR OPENING WIDTHS PROVIDE EGRESS CAPACITY GREATER THAN THE OCCUPANT LOAD OF THE SPACES SERVED.

NYS BC 1017.2 EXIT ACCESS TRAVEL DISTANCE

OCCUPANCY: E, FULLY SPRINKLERED:	**250 FT / COMPLIES**

NYS BC 1020.1 CORRIDOR FIRE RESISTANCE RATING

OCCUPANCY: E, FULLY SPRINKLERED:	**0 HR** / COMPLIES

NYS BC 1020.2 MINIMUM CORRIDOR WIDTH

OCCUPANCY E WITH OCC. LOAD > 100:	**72 INCHES**

2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE

TABLE C301.1 NEW YORK STATE CLIMATE ZONES BY COUNTY

CLIMATE ZONE 4A	WESTCHESTER COUNTY, NY

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS, R-VALUE METHOD

ROOFS	INSULATION ENTIRELY ABOVE ROOF DECK	R-30 CONTINUOUS INSULATION
ROOF ATTIC AND OTHER		R-38
WALLS, ABOVE GRADE	METAL FRAMED	R-13 + R-7.5 CONTINOUS INSULATION
WALLS BELOW GRADE		R-7.5 C.I.
SLAB-ON-GRADE FLOORS	UNHEATED SLABS	R-10 FOR 24" BELOW

SEE SPECIFICATIONS AND WALL SECTIONS FOR MIN. R-VALUES FOR THE OPAQUE THERMAL ENVELOPE

TABLE C402.3 MINIMUM ROOF REFLECTANCE AND EMITTANCE — DOES NOT APPLY TO CLIMATE ZONE 4

TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND AHGC REQUIREMENTS

FIXED FENESTRATION	U-FACTOR	0.38
OPERABLE FENESTRATION	U-FACTOR	0.45
ENTRANCE DOORS	U-FACTOR	0.77
SHGC	PF < 0.2	0.36
	0.2 < PF < 0.5	0.43
	PF > 0.5	0.58

PF = PROJECTION FACTOR

SEE SPECIFICATIONS FOR FENESTRATION VALUES COMPLYING WITH 2020 ENERGY CONSERVATION CODE.

PLUMBING FIXTURE CALCULATIONS

Based on 2020 NEW YORK STATE PLUMBING CODE Section 403 Minimum Plumbing Facilities and NYSED Restroom Availability Bulletin, dated March 2019

OCCUPANT LOAD	Male	Female	Total
Sub-basement	0	0	0
Basement	0	0	0
Ground Floor	149	149	298
First Floor	218	218	436
Second Floor	161	161	322
Third Floor	85	85	170
Building Total	**613**	**613**	**1226**

NOTE:

PLUMBING FIXTURE COUNT IS BASED UPON OCCUPANT LOAD IN THE CLASSROOM AREAS. THIS CALCULATION IS THE SAME AS THAT FOR DERIVING THE OCCUPANT LOAD FOR EXITING PURPOSES...WE HAVE ALLOWED THE USE OF THE CODE REQUIRED OCCUPANT LOAD TO BE DETERMINED USING THE AREAS OF THOSE INSTRUCTIONAL CLASSROOMS THAT ARE LOGICALLY OCCUPIED AT HOMEROOM... OCCUPANT LOAD FACTORS PER TABLE 2 (APPLICABLE TO BLDGS CONSTRUCTED AFTER 1/1/203).

PLUMBING FIXTURES	Water Closets					Urinals		Lavatories					Drinking Fountains		Service Sinks	
	Single-User	Female		Male		Male		Single-User	Female		Male		Male			
	Provided	Required 1 per 50	Provided	Required 1 per 50	Provided	Max per PC 424.2	Provided	Provided	Required 1 per 50	Provided	Required 1 per 50	Provided	Required 1 per 100	Provided	Required 1	Provided
Sub-basement	1	0	0	0	0	0	0		0	0	0	0	0	0		1
Basement	2	0	0	0	0	0	0	2	0	0	0	0	0	1		1
Ground Floor	4	3	4	3	2	2	2	4	3	3	3	2	3	5		2
First Floor	5	5	2	5	2	3	3	5	5	3	5	2	5	4		2
Second Floor	3	4	3	4	2	2	2	3	4	3	4	3	4	3		2
Third Floor	1	2	0	2	0	1	0	1	2	0	2	0	2	2		0
Building Total	**16**	**14**	**9**	**14**	**6**	**8**	**7**	**15**	**14**	**9**	**14**	**7**	**14**	**15**	**1**	**8**
Surplus or Shortage					**10**							**3**		**1**		**7**

THIRD FLOOR - FIRE AREA 'A'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STA3-1	40	180	ST-A	55	153	153
STB3-1	40	180	ST-B	56	156	156

TOTAL EXIT CAPACITY FROM FIRE AREA 309
TOTAL OCCUPANT LOAD FOR FIRE AREA 193
309 > 193 COMPLIES

SECOND FLOOR - FIRE AREA 'A'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STA2-1	72	340	ST-A	54	150	150
STB2-1	72	340	ST-B	54	150	150
STC2-1	72	340	ST-C	66	190	190

TOTAL EXIT CAPACITY FROM FIRE AREA 490
TOTAL OCCUPANT LOAD FOR FIRE AREA 517

FIRST FLOOR - FIRE AREA 'A'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STA1-1	72	340	ST-A	54	150	150
STB1-1	72	340	ST-B	54	150	150
STC1-1	72	340	ST-C	66	190	190
STF1-1	28	120	ST-F	42	110	110
STG1-1	28	120	ST-G	40	103	103
1A	60	280	N/A	-	-	280
1B	36	160	N/A	-	-	160
1C	36	160	N/A	-	-	160

TOTAL EXIT CAPACITY FROM FIRE AREA 1303
TOTAL OCCUPANT LOAD FOR FIRE AREA 835
1303 > 835 COMPLIES

GROUND FLOOR - FIRE AREA 'A'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	TOTAL DOOR EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STAG-3	40	180	001-3	45	205	385	ST-A	138	430	385
STBG-1	36	160	STBG-2	36	160	320	N/A	-	-	160
STCG-1	72	340	N/A	-	0	340	ST-C	68	196	196
STFG-1	36	160	N/A	-	0	160	N/A	-	0	0
STGG-1	36	160	N/A	-	0	160	N/A	-	0	0
101A1	38	170	N/A	-	0	170	ST-H	60	170	170

TOTAL EXIT CAPACITY FROM FIRE AREA 911
TOTAL OCCUPANT LOAD FOR FIRE AREA 562
911 > 562 COMPLIES

EXIT DISCHARGE - FIRE AREA A

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)
1A	70	330
1B	70	330
1C	70	330
2	69	325
3	72	340
4	44	200
5	30	130
5.1	40	180
6	60	280
7	36	160

TOTAL EXIT CAPACITY FROM FIRE AREA 2605
TOTAL OCCUPANT LOAD FOR FIRE AREA 2202
2605 > 2202 COMPLIES

SECOND FLOOR - FIRE AREA 'B'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMI E. CAP.
STD2-1	72	340	ST-D	48	130	1
STE2-1	72	340	ST-E	62	176	1

TOTAL EXIT CAPACITY FROM FIRE AREA 306
TOTAL OCCUPANT LOAD FOR FIRE AREA 237
306 > 237 COMPLIES

FIRST FLOOR - FIRE AREA 'B'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STD1-1	72	340	ST-D	48	130	130
STE1-1	72	340	ST-E	62	176	176

TOTAL EXIT CAPACITY FROM FIRE AREA 306
TOTAL OCCUPANT LOAD FOR FIRE AREA 237
306 > 237 COMPLIES

GROUND FLOOR - FIRE AREA 'B'

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	STAIR #	STAIR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)	LIMITING EXIT CAPACITY
STDG-1	72	340	N/A	-	-	340
STEG-1	72	340	N/A	-	-	340

TOTAL EXIT CAPACITY FROM FIRE AREA 680
TOTAL OCCUPANT LOAD FOR FIRE AREA 237
680 > 237 COMPLIES

EXIT DISCHARGE - FIRE AREA B

DOOR #	DOOR WIDTH (IN)	EXIT CAPACITY (OCCUPANTS)
8	72	340
9	69	325

TOTAL EXIT CAPACITY FROM FIRE AREA 665
TOTAL OCCUPANT LOAD FOR FIRE AREA 606
665 > 606 COMPLIES

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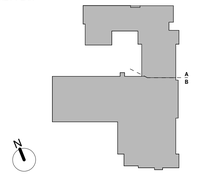
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



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CODE, STANDARDS & LIFE SAFETY INFORMATION

LS001

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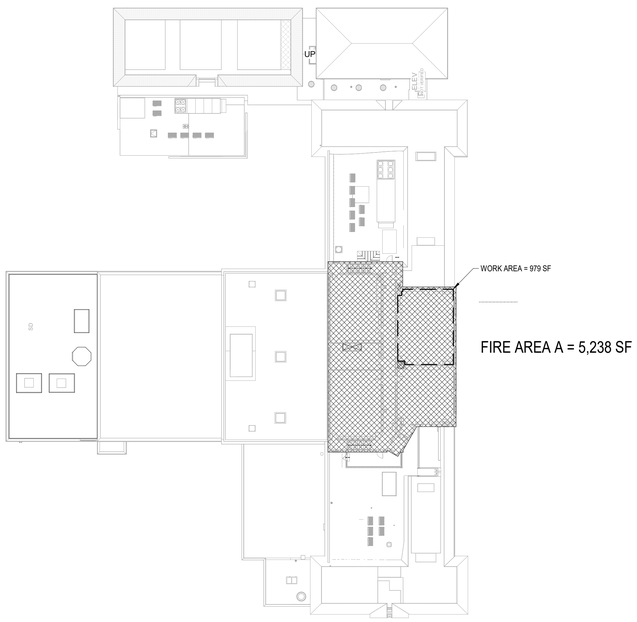
FIRE AREA LEGEND

FIRE AREA A

FIRE AREA B



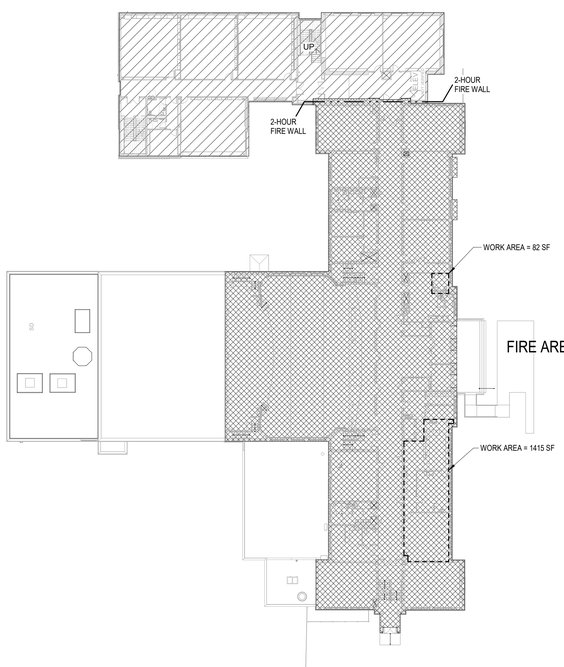
FIRE AREA A = 5,238 SF

FIRE AREA PLAN - THIRD FLOOR

1" = 30'-0"

22

FIRE AREA B = 8,425 SF



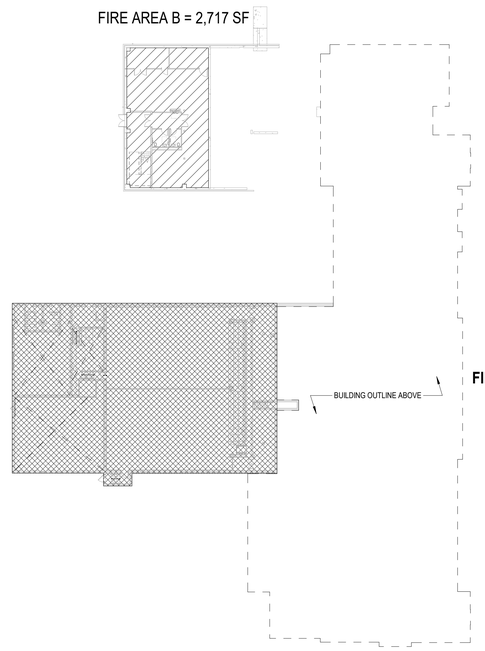
FIRE AREA A = 20,193 SF

FIRE AREA PLAN - FIRST FLOOR

1" = 30'-0"

21

FIRE AREA B = 2,717 SF



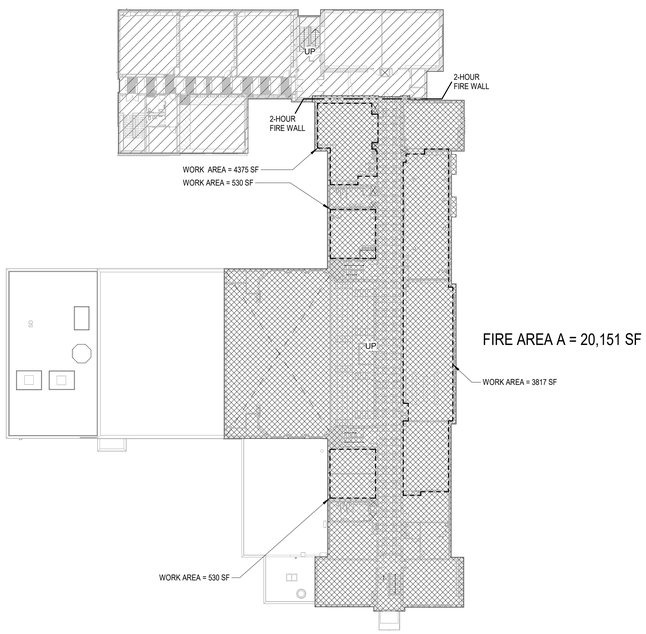
FIRE AREA A = 10,857 SF

FIRE AREA PLAN - BASEMENT

1" = 30'-0"

20

FIRE AREA B = 8,425 SF



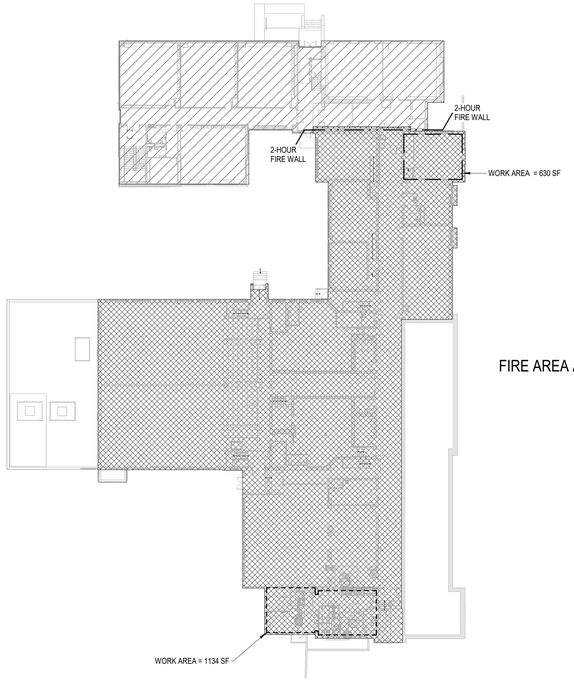
FIRE AREA A = 20,151 SF

FIRE AREA PLAN - SECOND FLOOR

1" = 30'-0"

12

FIRE AREA B = 8,425 SF

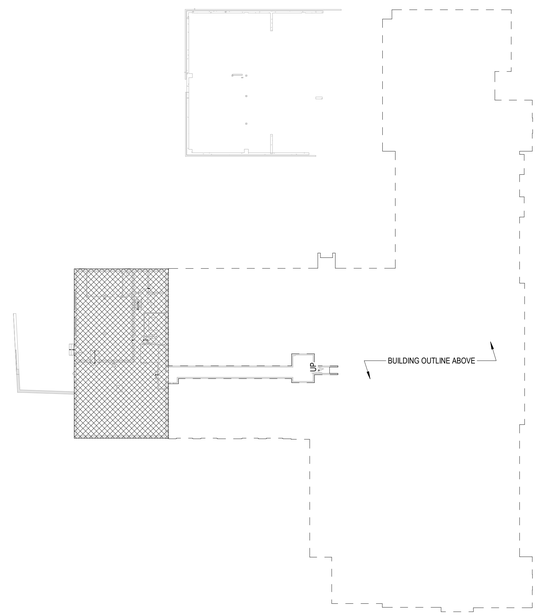


FIRE AREA A = 24,275 SF

FIRE AREA PLAN - GROUND FLOOR

1" = 30'-0"

11



FIRE AREA A = 3,825 SF

FIRE AREA PLAN - SUB-BASEMENT

1" = 30'-0"

10

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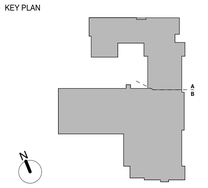

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FIRE AND WORK AREA DIAGRAMS

LS002

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LIFE SAFETY LEGEND

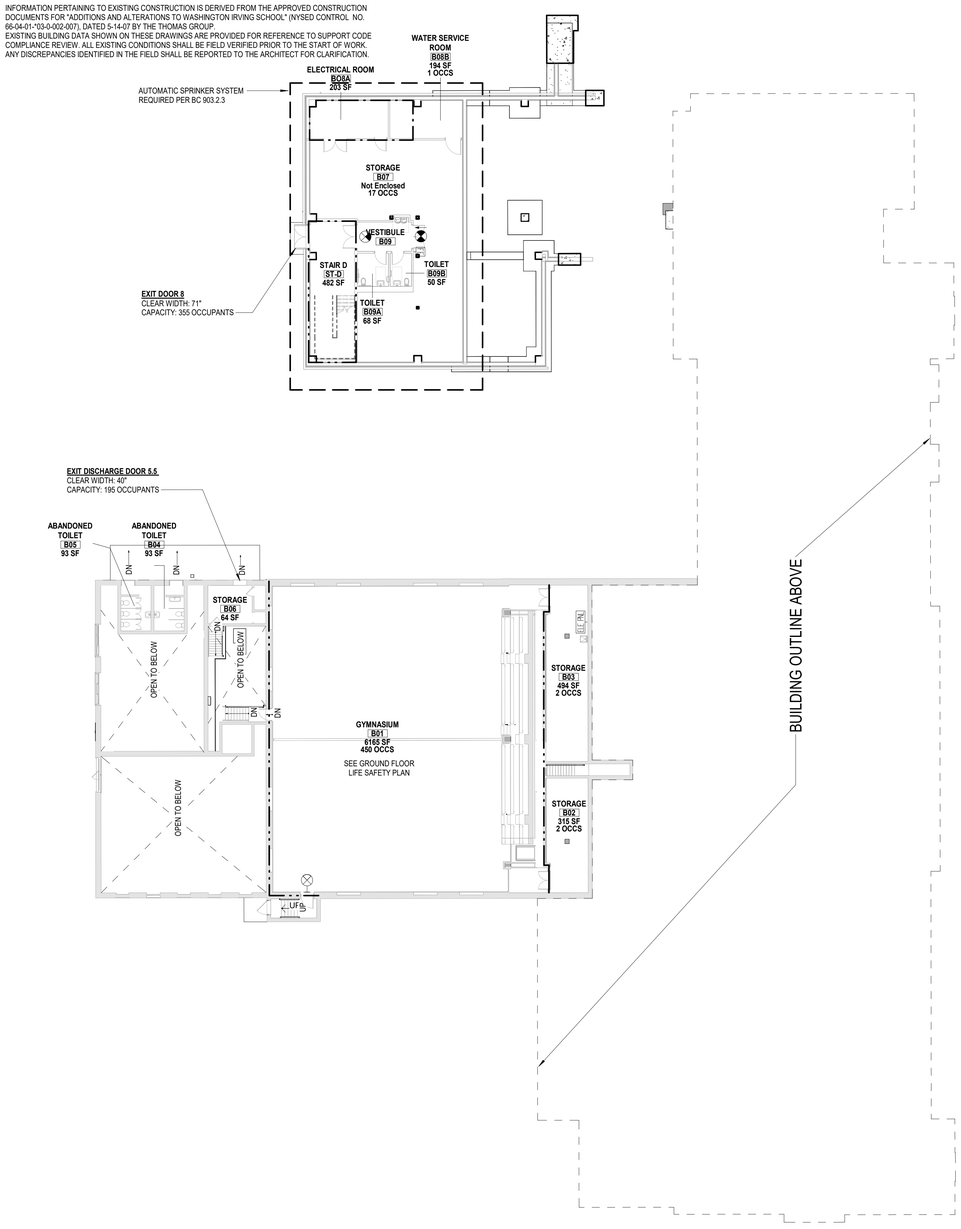
- NOT IN SCOPE OF WORK
- RW — RESCUE WINDOW
- EGRESS PATH END / START
- ONE-HOUR FIRE BARRIER REQUIRED
- TWO-HOUR FIRE BARRIER REQUIRED
- ONE-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- TWO-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- EXIT SIGN

LIFE SAFETY NOTES

INFORMATION PERTAINING TO EXISTING CONSTRUCTION IS DERIVED FROM THE APPROVED CONSTRUCTION DOCUMENTS FOR "ADDITIONS AND ALTERATIONS TO WASHINGTON IRVING SCHOOL" (NYSED CONTROL NO. 66-04-01-*03-0-002-007), DATED 5-14-07 BY THE THOMAS GROUP.
EXISTING BUILDING DATA SHOWN ON THESE DRAWINGS ARE PROVIDED FOR REFERENCE TO SUPPORT CODE COMPLIANCE REVIEW. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO THE START OF WORK. ANY DISCREPANCIES IDENTIFIED IN THE FIELD SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION.

OCCUPANT LOAD - BASEMENT FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	AREA PER PERSON	MAX OCC.	REMARKS
B01	GYMNASIUM	6404 SF	Assembly with fixed seating - 4	300 SF	450	POSTED MAX OCCUPANCY
B02	STORAGE	315 SF	Accessory storage areas, mechanical equipment room	300 SF	2	
B03	STORAGE	494 SF	Accessory storage areas, mechanical equipment room	300 SF	2	
B04	ABANDONED TOILET	93 SF	(none)			
B05	ABANDONED TOILET	93 SF	(none)			
B07	STORAGE		Accessory storage areas, mechanical equipment room	300 SF	17	
B08B	WATER SERVICE ROOM		Accessory storage areas, mechanical equipment room	300 SF	1	
TOTAL OCCUPANCY					472	



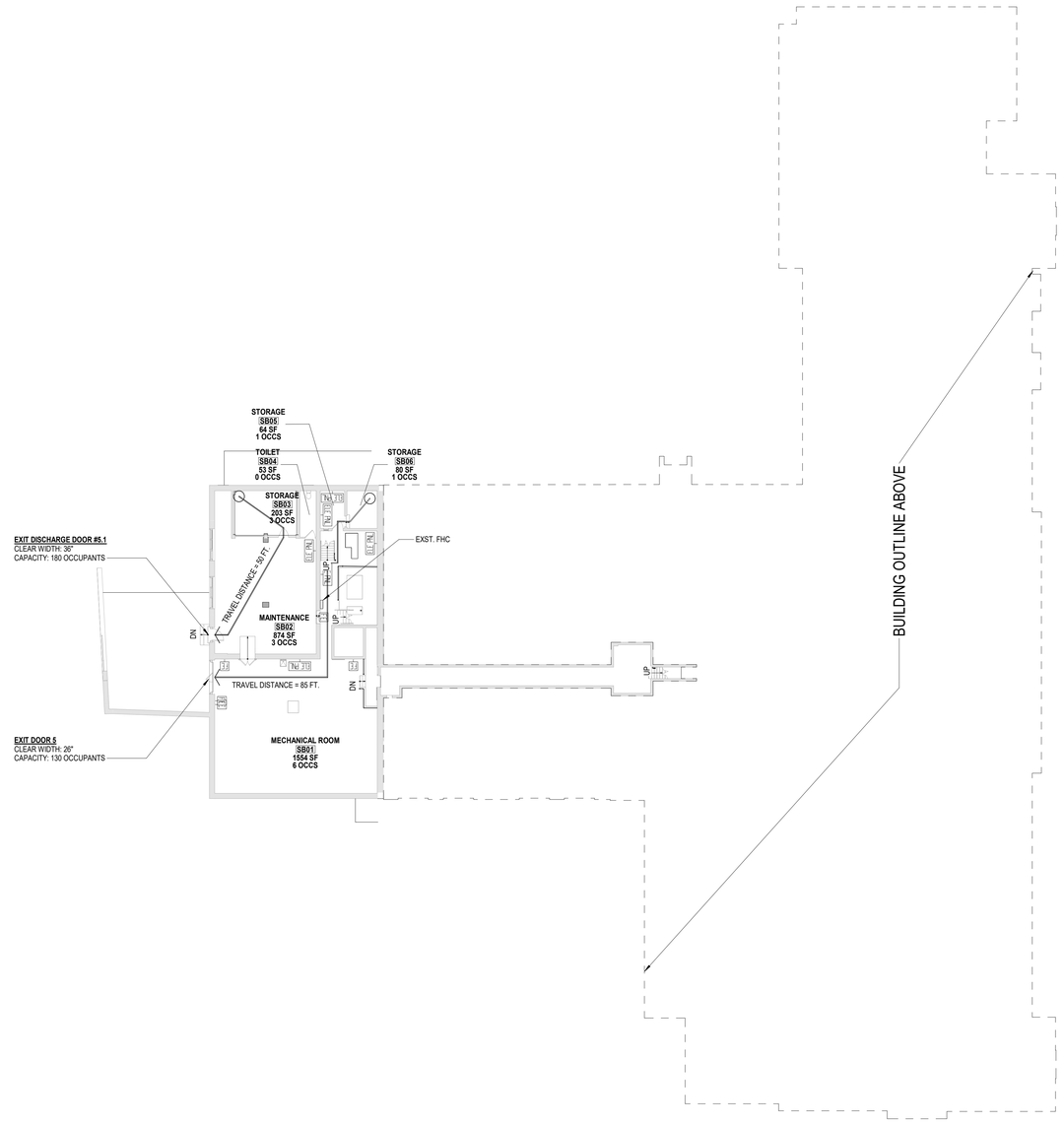
LIFE SAFETY PLAN - BASEMENT

1/16" = 1'-0"

11

OCCUPANT LOAD - SUB-BASEMENT

ROOM NUMBER	NAME	AREA	TABLE 1004.5	AREA PER PERSON	MAX OCCUPANCY	REMARKS [HIDE]
SB01	MECHANICAL ROOM	1554 SF	Accessory storage areas, mechanical equipment room	300 SF	6	
SB02	MAINTENANCE	874 SF	Accessory storage areas, mechanical equipment room	300 SF	3	
SB03	STORAGE	203 SF	Business Areas	150 SF	3	
SB05	STORAGE	64 SF	Accessory storage areas, mechanical equipment room	300 SF	1	
SB06	STORAGE	80 SF	Accessory storage areas, mechanical equipment room	300 SF	1	
TOTAL OCCUPANCY					14	



LIFE SAFETY PLAN - SUB-BASEMENT

1/16" = 1'-0"

10

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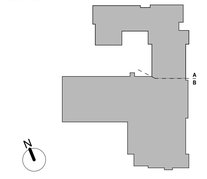
KEY PLAN



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SUB-BASEMENT AND BASEMENT LIFE SAFETY PLANS

LS100

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LIFE SAFETY LEGEND

- NOT IN SCOPE OF WORK
- RW — RESCUE WINDOW
- EGRESS PATH END / START
- ONE-HOUR FIRE BARRIER REQUIRED
- TWO-HOUR FIRE BARRIER REQUIRED
- ONE-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- TWO-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- EXIT SIGN

LIFE SAFETY NOTES

INFORMATION PERTAINING TO EXISTING CONSTRUCTION IS DERIVED FROM THE APPROVED CONSTRUCTION DOCUMENTS FOR "ADDITIONS AND ALTERATIONS TO WASHINGTON IRVING SCHOOL" (NYSED CONTROL NO. 66-04-01-*03-0-002-007), DATED 5-14-07 BY THE THOMAS GROUP.
EXISTING BUILDING DATA SHOWN ON THESE DRAWINGS ARE PROVIDED FOR REFERENCE TO SUPPORT CODE COMPLIANCE REVIEW. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO THE START OF WORK. ANY DISCREPANCIES IDENTIFIED IN THE FIELD SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION.

OCCUPANT LOAD - FIRST FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	AREA PER PERSON	MAX OCC.	REMARKS
101	CLASSROOM	604 SF	Educational, Classroom Area	20	20 SF	31	
102	CLASSROOM	592 SF	Educational, Classroom Area	20	20 SF	30	
103	NURSE	297 SF	Business Areas	100	150 SF	2	
104	MAIN OFFICE	462 SF	Business Areas	100	150 SF	3	
104B	CONFERENCE	515 SF	Assembly, Unconcentraded (tables and chairs)	15	15 SF	35	
104C	PRINCIPAL'S OFFICE	310 SF	Business Areas	100	150 SF	3	
104D	VAULT	46 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1	
104E	MAIL	135 SF	Business Areas	100	150 SF	1	
104G	SUPPLY ROOM	86 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1	
104H	SEC OFFICE	74 SF	Business Areas	100	150 SF	1	
106A	BOOK STRG	67 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1	
106C	FACULTY ROOM	416 SF	Business Areas	100	150 SF	3	
107	OCCUPATIONAL THERAPY	522 SF	Educational, Classroom Area	20	20 SF	27	
108	PHYSICAL THERAPY	454 SF	Educational, Classroom Area	20	20 SF	23	
108A	STORAGE	99 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1	
109	AUDITORIUM	5258 SF	Assembly with fixed seating - 1	0	0 SF	554	Posted Max Occupancy
110	CLASSROOM	713 SF	Educational, Classroom Area	20		36	
111A	SOCIAL WORKER	175 SF	Business Areas	100	150 SF	2	
111B	SOCIAL WORKER	182 SF	Business Areas	100	150 SF	2	

OCCUPANT LOAD - FIRST FLOOR

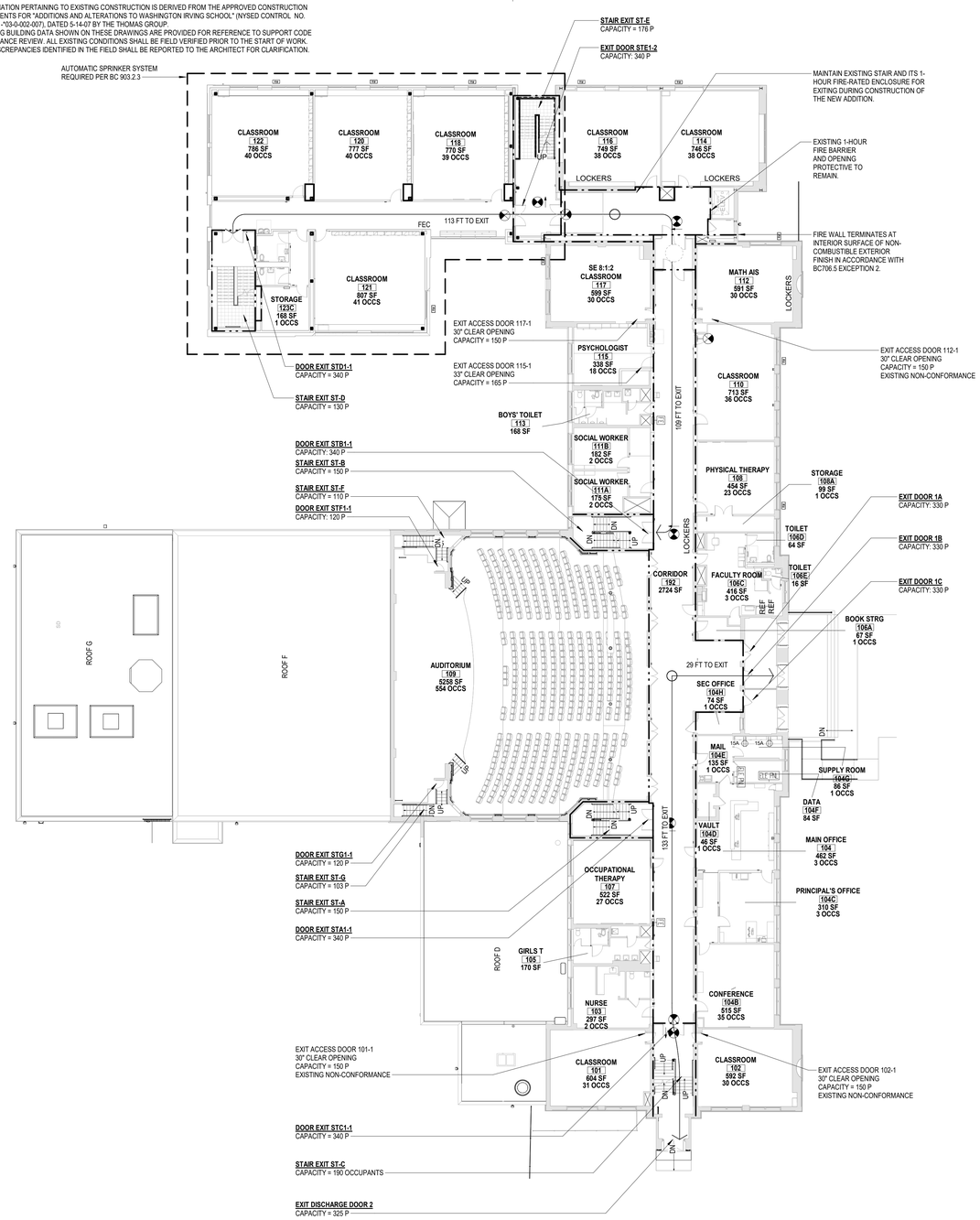
NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	AREA PER PERSON	MAX OCC.	REMARKS
112	MATH AIS	591 SF	Educational, Classroom Area	20	20 SF	30	
114	CLASSROOM	746 SF	Educational, Classroom Area	20	20 SF	38	
115	PSYCHOLOGIST	338 SF	Educational, Classroom Area	20	20 SF	18	
116	CLASSROOM	749 SF	Educational, Classroom Area	20	20 SF	38	
117	SE 8:1:2 CLASSROOM	599 SF	Educational, Classroom Area	20	20 SF	30	
118	CLASSROOM	770 SF	Educational, Classroom Area	20		39	
120	CLASSROOM	777 SF	Educational, Classroom Area	20	20 SF	40	
121	CLASSROOM	807 SF	Educational, Classroom Area	20	20 SF	41	
122	CLASSROOM	786 SF	Educational, Classroom Area	20	20 SF	40	
123C	STORAGE	168 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1	
TOTAL OCCUPANCY						1072	

OCCUPANT LOAD - GROUND FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	Area per Person	MAX OCC.
001	CAFETERIA	2836 SF	PER SED		7 SF	406
001A	IT HELP DESK	164 SF	Business Areas	100	150 SF	2
001B	KITCHEN	832 SF	Kitchen commercial	200	200 SF	3
001C	DRY STORAGE	154 SF	Business Areas	100	150 SF	3
003	CUST.	240 SF	Business Areas	100	150 SF	2
5A	BOYS' LOCKER ROOM	1002 SF	Locker rooms	50	50 SF	19
005E	GIRLS' LOCKER ROOM	1094 SF	Locker rooms	50	50 SF	23
5F	STORAGE	84 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1
005G	CUSTODIAL	40 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1
006	MECHANICAL	997 SF	Accessory storage areas, mechanical equipment room	300	300 SF	4
007	STAFF DEVELOPMENT	387 SF	Business Areas	100	150 SF	3
008	STORAGE	336 SF	Accessory storage areas, mechanical equipment room	300	300 SF	2
009	READING AIS	591 SF	Educational, Classroom Area	20	20 SF	30
010A	ENL	513 SF	Educational, Classroom Area	20	20 SF	30

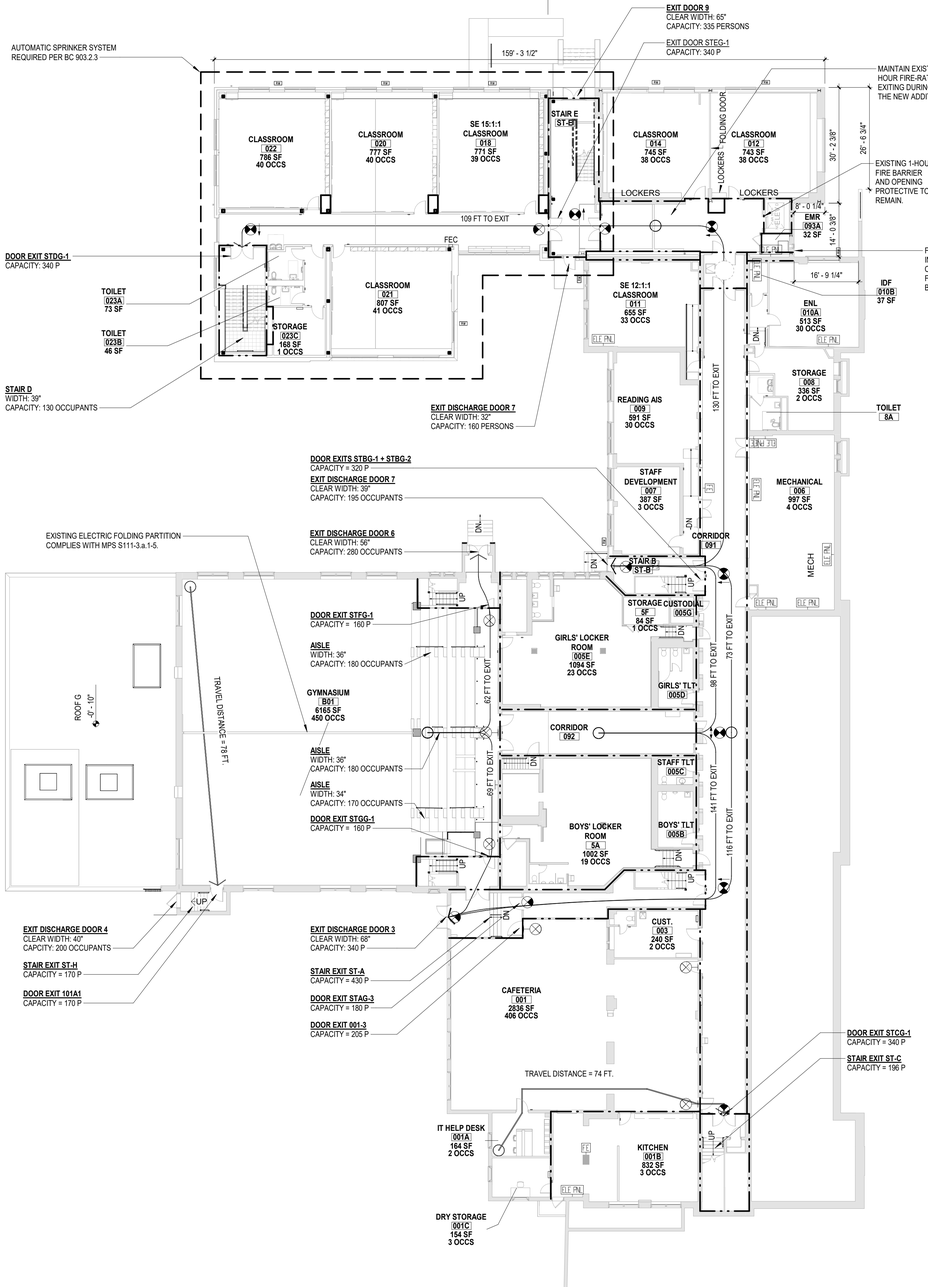
OCCUPANT LOAD - GROUND FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	Area per Person	MAX OCC.
011	SE 12:1:1 CLASSROOM	655 SF	Educational, Classroom Area	20	20 SF	33
012	CLASSROOM	743 SF	Educational, Classroom Area	20	20 SF	38
014	CLASSROOM	745 SF	Educational, Classroom Area	20	20 SF	38
018	SE 15:1:1 CLASSROOM	771 SF	Educational, Classroom Area	20	20 SF	39
020	CLASSROOM	777 SF	Educational, Classroom Area	20	20 SF	40
021	CLASSROOM	807 SF	Educational, Classroom Area	20	20 SF	41
022	CLASSROOM	786 SF	Educational, Shops and other vocational room areas	50	20 SF	40
023C	STORAGE	168 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1
TOTAL OCCUPANCY						799



LIFE SAFETY PLAN - FIRST FLOOR
1/16" = 1'-0"

11



LIFE SAFETY PLAN - GROUND FLOOR
1/16" = 1'-0"

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Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
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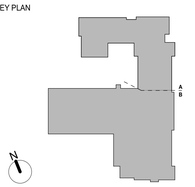
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

GROUND AND FIRST FLOORS LIFE SAFETY PLANS

LS101

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LIFE SAFETY LEGEND

- NOT IN SCOPE OF WORK
- RW — RESCUE WINDOW
- EGRESS PATH END / START
- ONE-HOUR FIRE BARRIER REQUIRED
- TWO-HOUR FIRE BARRIER REQUIRED
- ONE-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- TWO-HOUR HORIZONTAL FIRE BARRIER REQUIRED
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- EXIT SIGN

LIFE SAFETY NOTES

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OCCUPANT LOAD - THIRD FLOOR

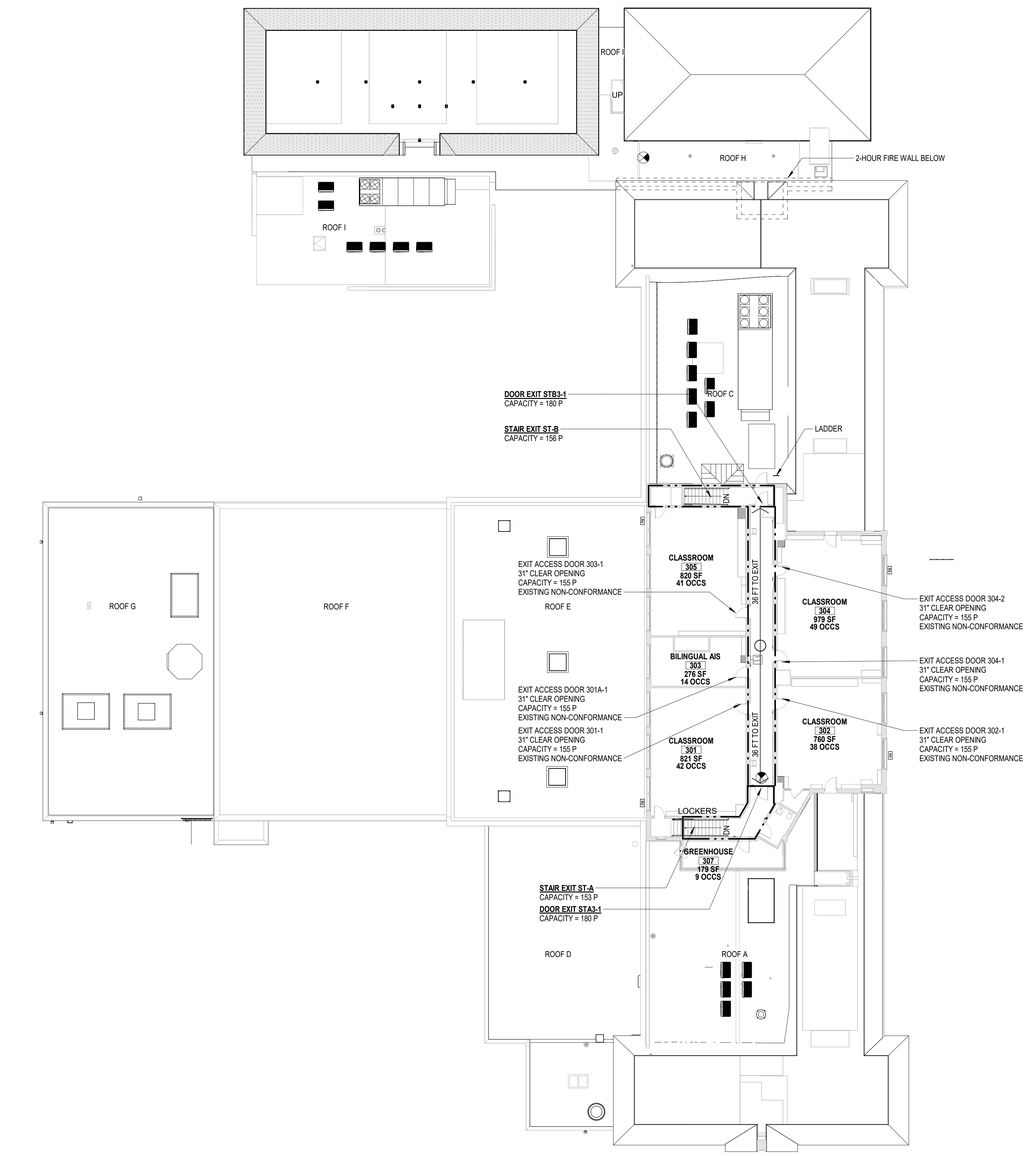
NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	MAX OCCUPANCY	AREA PER PERSON	MAX OCC.
301	CLASSROOM	821 SF	Educational, Classroom Area	20	42	20 SF	42
302	CLASSROOM	760 SF	Educational, Classroom Area	20	39	20 SF	38
303	BILINGUAL AIS	276 SF	Educational, Classroom Area	20	14	20 SF	14
304	CLASSROOM	979 SF	Educational, Classroom Area	20	49	20 SF	49
305	CLASSROOM	820 SF	Educational, Classroom Area	20	42	20 SF	41
307	GREENHOUSE	179 SF	Educational, Classroom Area	20	9	20 SF	9
TOTAL OCCUPANCY					195		193

OCCUPANT LOAD - SECOND FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	AREA PER PERSON	MAX OCC.
200	SE SPEECH	87 SF	Educational, Classroom Area	20	20 SF	5
201	ENL	579 SF	Educational, Classroom Area	20	20 SF	31
202	SP ED READING	595 SF	Educational, Classroom Area	20	20 SF	30
203	MENTAL HEALTH CLINIC	396 SF	Business Areas	100	150 SF	3
204	WAITING RM	79 SF	Business Areas	100	150 SF	1
204A	ASSOC. PRINCIPAL	240 SF	Business Areas	100	150 SF	3
206	TEACHER WORK ROOM	315 SF	Business Areas	100	150 SF	3
207A	SE SPEECH	260 SF	Educational, Classroom Area	20	20 SF	13
207B	READING AIS	248 SF	Educational, Classroom Area	20	20 SF	13
208A	STEM LAB	757 SF	(none)	20	20 SF	38
208B	LIBRARY	1642 SF	Educational, Classroom Area	20	20 SF	107
209	AUDITORIUM BALCONY	1423 SF	Assembly with fixed seating - 1	0	0 SF	142
210	BAND / ORCHESTRA	1318 SF	Educational, Classroom Area	20	20 SF	70
211	MUSIC PRACTICE	455 SF	Educational, Classroom Area	20	20 SF	9
212	MUSIC CLASSROOM	584 SF	Educational, Classroom Area	20	20 SF	30
214	CLASSROOM	747 SF	Educational, Classroom Area	20	20 SF	38

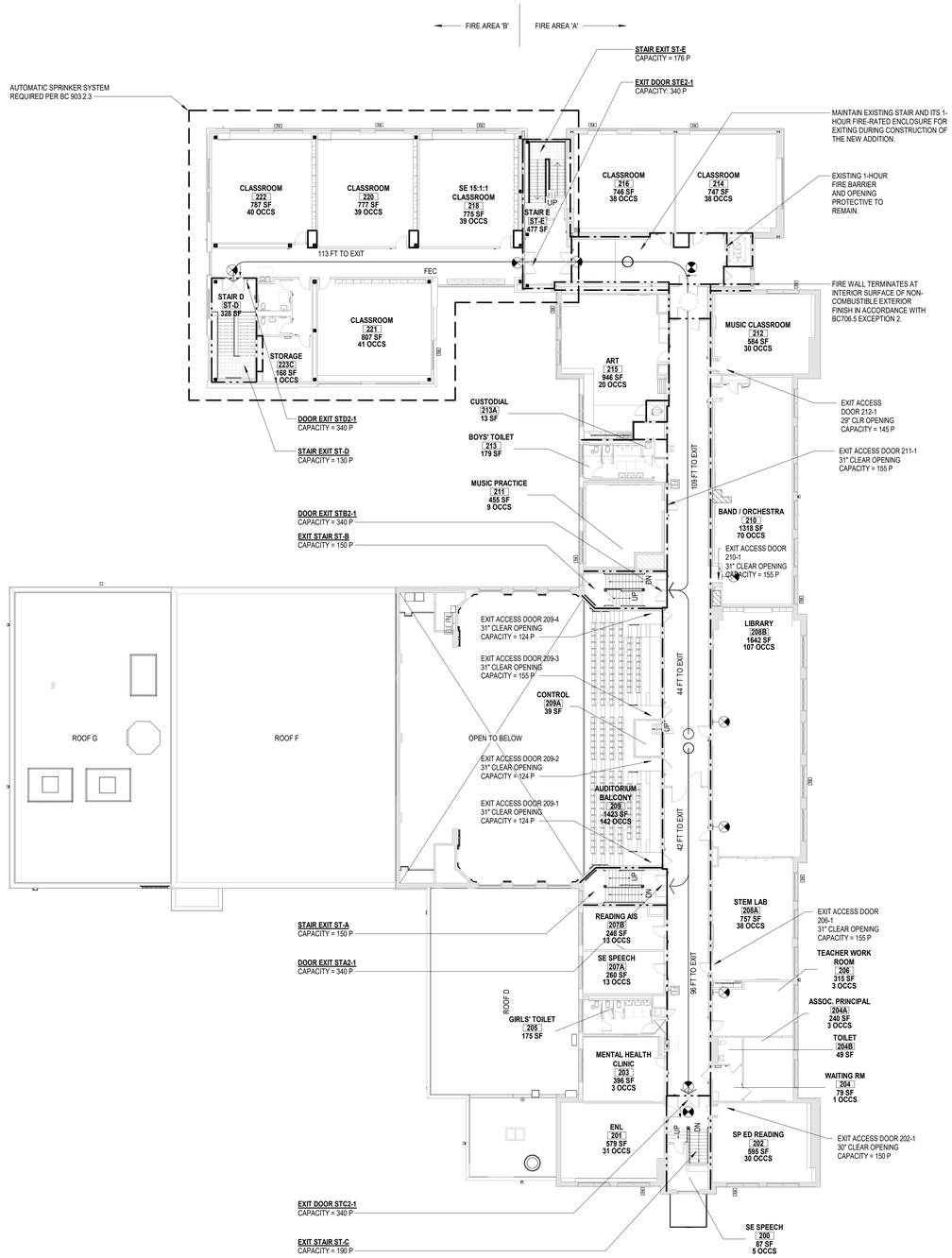
OCCUPANT LOAD - SECOND FLOOR

NUMBER	NAME	AREA	TABLE 1004.1.2	SF.PER PERSON	AREA PER PERSON	MAX OCC.
215	ART	946 SF	Educational, Shops and other vocational room areas	50	20 SF	20
216	CLASSROOM	746 SF	Educational, Classroom Area	20	20 SF	38
218	SE 15:1:1 CLASSROOM	775 SF	Educational, Classroom Area	20	20 SF	39
220	CLASSROOM	777 SF	Educational, Classroom Area	20	20 SF	39
221	CLASSROOM	807 SF	(none)			41
222	CLASSROOM	787 SF	Educational, Classroom Area	20	20 SF	40
223C	STORAGE	168 SF	Accessory storage areas, mechanical equipment room	300	300 SF	1
TOTAL OCCUPANCY						754



LIFE SAFETY PLAN - THIRD FLOOR
1/16" = 1'-0"

11



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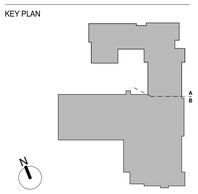
KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

SECOND AND THIRD FLOORS LIFE SAFETY PLANS

LS102

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GENERAL NOTES

1. EXISTING CONDITIONS ARE TAKEN FROM A SURVEY PLAN ENTITLED "SURVEY OF PROPERTY PREPARED FOR PUBLIC SCHOOLS OF THE TARRYTOWNS", DATED APRIL 2, 2024, AS PREPARED BY WARD CARPENTER ENGINEERS, INC. HORIZONTAL AND VERTICAL DATUM IS AS NOTED ON THE PROJECT SURVEY.
2. PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL CONTACT U.F.P.O. (1-800-962-7962) AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES SHALL BE DONE BY HAND. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
4. THE GENERAL CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCY BETWEEN THE PLANS AND THE ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE.
5. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE LIMIT OF WORK. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO IT'S ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL MEET LINE AND GRADE OF EXISTING CONDITIONS AT LIMIT OF WORK LINE. IF NO LIMIT OF WORK IS SHOWN, THE PROPERTY LINE SHALL BE THE LIMIT OF WORK.
6. THE CONTRACTOR SHALL ESTABLISH PERMANENT BENCH MARKS. MAINTAIN ALL ESTABLISHED BOUNDS AND BENCH MARKS AND REPLACE AS DIRECTED ANY WHICH ARE DESTROYED OR DISTURBED.
7. CONTRACTOR SHALL EMPLOY SPECIAL CARE IN SCHEDULING CONSTRUCTION SO AS TO MAINTAIN EXISTING VEHICULAR TRAFFIC PATTERNS, AND MINIMIZE DISRUPTION TO SURROUNDING PEDESTRIAN TRAFFIC. CONTRACTOR SHALL EMPLOY SPECIAL CARE TO PROTECT SAFETY OF PEDESTRIANS INSIDE AND OUTSIDE OF THE LIMIT OF WORK LINE.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS FROM ALL JURISDICTIONS AFFECTED BY THIS WORK ARE IN PLACE PRIOR TO CONSTRUCTION. FOR PERMITS ALREADY ISSUED, CONTRACTOR SHALL OBTAIN COPIES OF PERMITS AND STRICTLY ADHERE TO PERMIT CONDITIONS. PERMITS THAT ARE OUTSTANDING SHALL BE SECURED BY THE CONTRACTOR AND COORDINATED WITH THE OWNER'S REPRESENTATIVE.
9. ALL ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON AS-BUILT DRAWINGS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
10. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXISTING INFRASTRUCTURE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THEIR WORK WITH ALL TRADES. CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
12. CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION.

SITE PREPARATION & SITE DEMOLITION NOTES:

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL ARRANGE PRE-CONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE TO REVIEW ALL APPLICABLE PERMIT CONDITIONS, THE SWPPP REQUIREMENTS, THE CONSTRUCTION PLANS AND GENERAL CONSTRUCTION SCHEDULE. REFER TO CONTRACT DOCUMENTS FOR ALL PRE-CONSTRUCTION REQUIREMENTS.
2. ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED, THAT ARE NOT TO BE STOCKPILED FOR LATER USE ON THE PROJECT OR DELIVERED TO THE OWNER, SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
3. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL TO FULL DEPTH WITHIN LIMIT OF GRADING BEFORE COMMENCING EXCAVATION AND GRADING OPERATIONS. TOPSOIL SHALL NOT BE REMOVED FROM THE SITE, UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY AND PAY ALL ASSOCIATED COSTS.
5. CONTRACTOR SHALL ABIDE BY ALL PERMITS THAT MAY BE REQUIRED FROM ALL JURISDICTIONS AFFECTED BY THIS WORK.
6. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
7. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH AND SHARP EDGE AND PROTECTED UNTIL ABUTTING MATERIALS ARE INSTALLED.
8. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH, INCLUDING BASE MATERIAL AND FOOTINGS OR FOUNDATIONS, UNLESS OTHERWISE NOTED.
9. EXISTING ITEMS INDICATED TO BE SALVAGED OR STOCKPILED SHALL BE CAREFULLY REMOVED AND STORED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
10. TREE, SHRUB AND VEGETATION REMOVAL SHALL INCLUDE THE FELLING, CUTTING, GRUBBING OUT OF ENTIRE ROOT SYSTEM AND SATISFACTORY OFF-SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND EXTRANEOUS DEBRIS PRODUCED THROUGH THE REMOVAL OPERATIONS. PITS/HOLES REMAINING AFTER GRUBBING OPERATIONS SHALL BE BACKFILLED AND COMPACTED AS SPECIFIED.
11. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND PERFORMING ALL SITE DEMOLITION AND REMOVALS REQUIRED TO FACILITATE PROPOSED CONSTRUCTION.
12. ALL HANDLING OF MATERIALS TO BE REMOVED, RECYCLED, OR DISPOSED OF MUST BE DONE SO IN A SAFE, LEGAL MANNER, IN ACCORDANCE WITH ALL LOCAL, COUNTY, STATE, FEDERAL AND ANY OTHER APPLICABLE REGULATIONS.
13. EXISTING FENCES, WALLS AND SUPPORTING FOOTINGS ALONG PROPERTY LINES SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. POTENTIAL IMPACTS TO EXISTING CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE. ANY DAMAGE TO EXISTING FENCES, WALLS, OR SUPPORTING FOOTINGS SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY GP-0-25-001. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DEVELOPED FOR THIS PROJECT IS IN ACCORDANCE WITH THE GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY.
2. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND GENERAL CONSTRUCTION SEQUENCING. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL REVIEW THE PROJECT SWPPP FOR SPECIFIC REQUIREMENTS REGARDING EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT. A COPY OF THE SWPPP MUST BE MAINTAINED ON THE PROJECT SITE IN AN ACCESSIBLE LOCATION AT ALL TIMES DURING CONSTRUCTION.
3. PRIOR TO ANY SITE WORK, ALL CONTRACTORS AND SUBCONTRACTORS RESPONSIBLE FOR CONSTRUCTION, REPAIR, AND MAINTENANCE OF ANY EROSION AND SEDIMENT CONTROLS OR STORMWATER DEVICES MUST SIGN/CERTIFY THE SWPPP AND IDENTIFY A 'TRAINED CONTRACTOR'.
4. PRIOR TO BEGINNING EARTHWORK ACTIVITY, THE CONTRACTOR SHALL SUBMIT A MOBILIZATION PLAN SHOWING PROPOSED STOCKPILE AND STAGING AREAS, HAUL/ACCESS ROADS, FIELD OFFICES AND EQUIPMENT STORAGE AREAS, AND A SCHEDULE DETAILING THE STAGING OF CONSTRUCTION TO THE QUALIFIED INSPECTOR (SWPPP INSPECTOR) AND OWNER'S REPRESENTATIVE FOR APPROVAL.
5. THE CONTRACTOR SHALL NOT DISTURB MORE THAN (5) ACRES AT ANY ONE TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM NYSDEC. ALL DISTURBED AREAS THAT DO NOT MEET THE DEFINITION OF "FINAL STABILIZATION" AS LISTED IN THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES MUST BE INCLUDED WHEN CALCULATING THE TOTAL AREA DISTURBED AT ANY ONE TIME. FINAL STABILIZATION CAN INCLUDE CRUSHED STONE, PAVEMENT, OR SEEDED LAWN WITH A MINIMUM DENSITY OF 80% COVERAGE.
6. EROSION CONTROL DEVICES SHALL BE INSPECTED DAILY AND MAINTAINED TO ENSURE SATISFACTORY PERFORMANCE AND COMPLIANCE WITH THE SWPPP.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE SWPPP FOR INSPECTION REPORTS, AND IMMEDIATELY MAKE REPAIRS AND CORRECTIONS NOTED. REMEDIATION WORK THAT IS REQUIRED AS A RESULT OF FAILING TO MAKE REPAIRS SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
8. ANY CHANGES TO THE SWPPP PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE QUALIFIED INSPECTOR AND INCORPORATED INTO THE SWPPP PRIOR TO IMPLEMENTATION.
9. ANY DEVIATIONS FROM OR CONSTRUCTION CONFLICTS WITH THE PROJECT SWPPP SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE. IF THE CONTRACTOR PROPOSES A REVISED STAGING, SEQUENCING AND/OR MOBILIZATION PLAN, A MODIFIED PLAN MUST BE SUBMITTED TO THE QUALIFIED INSPECTOR FOR APPROVAL.
10. THE CONTRACTOR SHALL INITIATE TEMPORARY AND PERMANENT STABILIZATION MEASURES AS SOON AS PRACTICABLE IN ACCORDANCE WITH THE SWPPP.
11. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE PLANS AND PROJECT SWPPP. IN ADDITION TO WHAT IS SHOWN ON PLANS, ANY SLOPES GREATER THAN 3:1 DISTURBED AS PART OF CONSTRUCTION SHALL BE STABILIZED IN ACCORDANCE WITH PROJECT DETAILS AND SWPPP.
12. EROSION AND SEDIMENT CONTROL PROTECTIONS SHOWN ON THE PLANS REPRESENT THE MINIMUM MEASURES NECESSARY. ADDITIONAL MEASURES AND DEVICES MAY BE NEEDED DUE TO SITE SPECIFIC CONDITIONS OR CHANGING CONDITIONS DUE TO CONSTRUCTION IN ORDER TO MAINTAIN COMPLIANCE WITH THE SWPPP AND GENERAL PERMIT, AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
13. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE MAINTAINED IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND THE AREA IS STABILIZED AND APPROVED BY THE QUALIFIED INSPECTOR.

LAYOUT NOTES:

1. ALL LAYOUT INFORMATION NECESSARY FOR CONSTRUCTION SHALL BE SET IN THE FIELD BY A NEW YORK STATE REGISTERED SURVEYOR ENGAGED BY THE CONTRACTOR.
2. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
3. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
4. ALL PROPOSED WALKS, PAVEMENTS, LIGHTS AND SITE IMPROVEMENTS SHALL BE STAKED IN THE FIELD FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
6. ALL EXISTING UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL & HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
7. PROVIDE EXPANSION JOINTS AT ALL CURBS, WALLS, STEPS, LIGHT POLE BASES, PULL BOXES, MANHOLES, TRAFFIC CONTROLLER BOXES AND AS SHOWN ON PLAN.
8. DIMENSIONS TO CURBS ARE FROM FACE OR BOTTOM OF CURB TO FACE OR BOTTOM OF CURB.

PLANTING NOTES:

1. ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMAL GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. ALL NEW MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY UNLESS APPROVED OTHERWISE BY OWNER'S REPRESENTATIVE.
2. ALL CONTAINER GROWN PLANTS SHALL BE PREMIUM QUALITY AND APPEAR 'FULL' IN HEIGHT AND WIDTH WITHIN THE POT. PLANTS DEEMED SUBSTANDARD IN SIZE SHALL BE REJECTED.
3. ALL NEW PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER GROWN UNLESS OTHERWISE NOTED ON PLANT LIST.
4. THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
5. IN GENERAL, PLANT SPECIES SUBSTITUTIONS WILL NOT BE ACCEPTED. IF SPECIFIED MATERIAL IS NOT OBTAINABLE, CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO LANDSCAPE ARCHITECT ALONG WITH PROPOSED SUBSTITUTION. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, SIZE, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE.
7. NEW SHRUBS AND GROUND COVER SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS IT BORE TO PREVIOUS GRADE. NO TREES SHALL BE PLANTED BEFORE REVIEW OF ROUGH GRADING.
8. ALL PLANT BEDS TO RECEIVE THREE INCHES (3") OF PREMIUM SHREDDED BARK MULCH UNLESS OTHERWISE SPECIFIED.
9. SUBGRADES AND PREPARED SOILS REQUIRE TESTING FOR COMPACTION AND SOIL RESTORATION. REFER TO PLANTING SOILS SPECIFICATION FOR ADDITIONAL INFORMATION.
10. ALL AREAS PROPOSED FOR LAWN SEEDING SHALL RECEIVE A MINIMUM OF 6" OF SUITABLE TOPSOIL PRIOR TO SEEDING. ALL DISTURBED AREAS NOT SCHEDULED FOR PROPOSED WORK SHALL RECEIVE FOUR INCHES (4") OF SUITABLE TOPSOIL PRIOR TO SEEDING.
11. PLANTS SHALL BE DELIVERED ONLY AS THEY CAN BE INSTALLED IN REASONABLE TIME. ALL PLANTS ARE SUBJECT TO INSPECTION AT DELIVERY BY THE LANDSCAPE ARCHITECT/OWNER'S REPRESENTATIVE.
12. IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
13. STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.

GRADING NOTES

1. ALL PROPOSED GRADES SHALL BE SET IN THE FIELD BY A NEW YORK STATE LICENSED LAND SURVEYOR.
2. CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS PRIOR TO THE START OF CONSTRUCTION. ALL SECONDARY BENCHMARKS SHALL BE SO LOCATED THAT THEY WILL NOT BE DISTURBED BY CONSTRUCTION.
3. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT.
4. MAXIMUM CROSSPITCH OF ALL SIDEWALKS IS 2%. ACCESSIBLE RAMPS SHALL NOT EXCEED 8% OR 30' IN LENGTH. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
5. RAMPS AND STAIRS SHALL HAVE LANDINGS TOP AND BOTTOM THAT ARE 5' X 5' MINIMUM AND DO NOT EXCEED 2% GRADE.
6. SITE PAVEMENT SHALL MEET ALL BUILDING DOOR THRESHOLDS FLUSH AND IN ACCORDANCE WITH ADA GUIDELINES.
7. WHERE NEW ASPHALT PAVING MEETS EXISTING ASPHALT PAVING, INSTALL KEYED JOINT AS INDICATED ON DETAILS. NEW PAVING SHALL MEET THE LINE AND GRADE OF THE EXISTING PAVING FLUSH.
8. SET CATCH BASIN RIMS TO DRAIN SURROUNDING AREAS AND AT SAME PITCH AS SLOPING PAVEMENT OR SURFACE. IF STRUCTURE IS SHOWN ADJACENT TO CURB, SET GRATE TIGHT TO FACE OF CURB.
9. EXCAVATION REQUIRED WITHIN 3 FEET OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO OWNER.
10. ALL EARTHWORK SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND SPECIFICATIONS.
11. GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM STRUCTURE AND PREVENT PONDING. FINISH SURFACES SHALL BE FREE FROM IRREGULAR SURFACE CHANGES.
12. EXCAVATION REQUIRED WITHIN DRIP LINE OF TREES DESIGNATED TO REMAIN SHALL BE DONE BY HAND. PLANT MATERIALS DAMAGED BY CONTRACTOR SHALL BE REPLACED IN KIND.
13. SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH LOCAL CODES AND ORDINANCES HAVING JURISDICTION AND OSHA REGULATIONS. MAINTAIN SIDE SLOPES OF EXCAVATIONS IN A SAFE CONDITION UNTIL COMPLETION OF BACKFILLING.
14. THE GENERAL CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC,. FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED ON THE UTILITY DRAWINGS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
15. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.
16. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING DRAINAGE SYSTEM AT ALL TIMES. WHEN IT IS NECESSARY TO INTERRUPT THE EXISTING DRAINAGE PATTERNS AND/OR UTILITIES, PROVIDE TEMPORARY FACILITIES UNTIL WORK IS PERMANENTLY STABILIZED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
17. THE SIDES OF ANY NEW CUT AND/OR FILL SLOPES SHALL BE CONSTRUCTED WITH SLOPES NO STEEPER THAN 1 FOOT (VERTICAL) OVER 2 FOOT (HORIZONTAL).
18. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL TO FULL DEPTH WITHIN LIMIT OF GRADING BEFORE COMMENCING EXCAVATION AND GRADING OPERATIONS. NO TOPSOIL SHALL BE REMOVED FROM SITE WITHOUT PRIOR AUTHORIZATION FROM OWNER. TOPSOIL SHALL BE STOCKPILED FOR RE-USE ON SITE OR LEGALLY DISPOSED OF OFFSITE.
19. SUBGRADES REQUIRE DE-COMPACTION AND SOIL RESTORATION. REFER TO EARTH MOVING AND PLANTING SOILS SPECIFICATION FOR ADDITIONAL INFORMATION.

UTILITY NOTES

1. LOCATIONS, EXTENT, AND SIZES OF OVERHEAD AND UNDERGROUND UTILITIES AND SUBSTRUCTURES HAVE BEEN DETERMINED FROM RECORD MAPPING INFORMATION, AND SUPPLEMENTED BY DATA OBTAINED IN THE FIELD. THE ACCURACY OF THIS UTILITY DATA IS NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES AND SUBSTRUCTURES, WHETHER FUNCTIONAL OR ABANDONED, ARE SHOWN ON THE SURVEY.
2. THE CONTRACTOR SHALL CONTACT DIG SAFELY NEW YORK (800) 962-7962 AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK.
3. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR ADDITIONAL INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
4. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO COORDINATE WITH AND/OR CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
5. CONTRACTOR SHALL COORDINATE ALL REQUIRED UTILITY WORK AND UTILITY INSPECTIONS WITH APPLICABLE UTILITY COMPANIES, MUNICIPALITY, AND AUTHORITIES HAVING JURISDICTION IN ACCORDANCE WITH THEIR RESPECTIVE REQUIREMENTS.
6. ALL UTILITY INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL REGULATORY, LOCAL MUNICIPAL AND BUILDING CODE REQUIREMENTS.
7. UTILITIES SHALL NOT BE BACKFILLED UNTIL INSPECTED AND APPROVED BY INSPECTING ENGINEER.
8. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF UTILITY STUBS AND FOOTING DRAINS FOR BUILDING CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO OWNERS'S REPRESENTATIVE.
9. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.) AND IMMEDIATELY REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO VERIFY UTILITY LOCATIONS SHALL BE BORNE BY THE CONTRACTOR.
10. IF NECESSARY, EXTEND DESIGNATED LIMIT OF WORK TO ACCOMPLISH SITE UTILITY WORK AS REQUIRED BY THESE DRAWINGS AND SPECIFICATIONS AT NO ADDITIONAL COST TO OWNER COORDINATE ANY WORK OUTSIDE THE LIMIT OF WORK WITH OWNERS'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
11. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT ROADWAYS AND DRIVEWAYS FOR THE DURATION OF CONSTRUCTION.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

NOTES

C001

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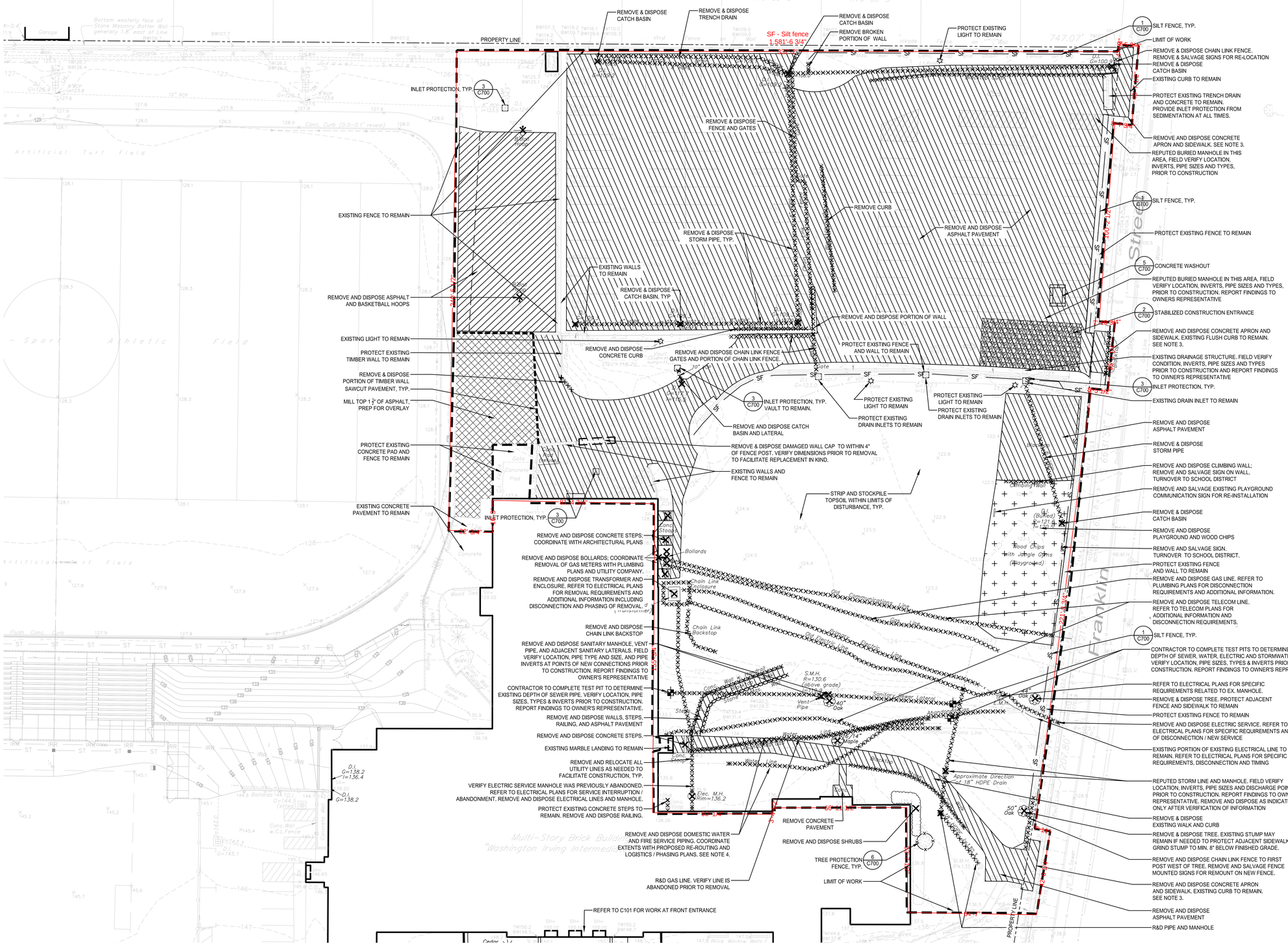

Legend

Description	Quantity	Unit
SF - Silt fence	1,581.5610	ft

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- REMOVE AND DISPOSE ITEM
- SAW CUT
- INLET PROTECTION
- TREE PROTECTION FENCE
- 320 EXISTING CONTOUR
- REMOVE AND DISPOSE PAVEMENT
- REMOVE AND DISPOSE WOOD CHIPS
- MILL TOP 1 1/2" ASPHALT

NOTE:

1. REFER TO SURVEY PLAN ENTITLED "SURVEY OF PROPERTY PREPARED FOR PUBLIC SCHOOLS OF THE TARRYTOWNS", DATED APRIL 2, 2024, AS PREPARED BY WARD CARPENTER ENGINEERS, INC. FOR EXISTING CONDITIONS.
2. PROVIDE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE SWPPP FOR ALL STAGING AREAS OUTSIDE OF THE L.O.W.
3. NOTIFY VILLAGE AND COORDINATE ALL WORK WITHIN THE RIGHT OF WAY INCLUDING SIDEWALK REMOVAL, CLOSING, ETC. WITH VILLAGE.
4. COORDINATE WATER SERVICE DISCONNECTION AND RELATED WORK WITH THE VILLAGE.
5. COORDINATE ALL UTILITY DISCONNECTIONS WITH RESPECTIVE UTILITY COMPANIES. REFER TO ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL INFO.
6. SEE SHEET C001 FOR ADDITIONAL NOTES.

20 10 0 5 10 15 20
Scale: 1" = 20'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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SITE PREP, DEMO AND EROSION CONTROL PLAN

C100

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WASHINGTON IRVING
INTERMEDIATE SCHOOL

REMOVE AND DISPOSE FLAGSTONE PAVERS AND CHEEKWALLS

REMOVE & DISPOSE TREE

REMOVE EXISTING CATCH BASIN; FIELD VERIFY DISCHARGE POINT, CAP AND ABANDON DISCHARGE PIPE.

REMOVE AND DISPOSE RAMP

REMOVE AND DISPOSE CONCRETE PAVEMENT

REMOVE & SALVAGE MEMORIAL PLAQUE / STONE, TURN OVER TO SCHOOL DISTRICT.

1 C700 SILT FENCE, TYP.

STRIP & STOCKPILE TOPSOIL TO LIMITS OF DISTURBANCE.

REMOVE AND DISPOSE OF EXISTING RAMP

TREE PROTECTION, TYP. 6 C700

PROTECT EXISTING WALLS TO REMAIN

REMOVE & DISPOSE CONCRETE PAVEMENT. SEE NOTE 2.

REMOVE & SALVAGE PLANTERS FOR RE-INSTALLATION AFTER CONSTRUCTION

6 C704 REMOVE AND SALVAGE RAILING FOR REFURBISHMENT AND REINSTALLATION. SEE DETAIL.

REMOVE AND DISPOSE STAIRS

REMOVE AND DISPOSE CONCRETE PAVEMENT

REMOVE AND DISPOSE PLANTER CURB

REMOVE AND DISPOSE CONCRETE PAVEMENT

REMOVE AND DISPOSE ALL PLANTS IN PLANT BED. REMOVE AND SALVAGE EXISTING DRIP IRRIGATION TUBES AND TURN OVER TO THE DISTRICT.

6 C700 TREE PROTECTION, TYP.

REMOVE AND DISPOSE OF STONE STAIRS.

6 C700 TREE PROTECTION, TYP.

PROTECT EXISTING U.S.G.S. BRASS DISK & P.V.C. PIPE TO REMAIN

COORDINATE WITH THE U.S.P.S. TO RELOCATE MAILBOX AS REQUIRED TO FACILITATE CONSTRUCTION.

6 C700 TREE PROTECTION, TYP.

SILT FENCE, TYP. 1 C700

6 C700 TREE PROTECTION, TYP.

Broadway

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- XXXXXX REMOVE AND DISPOSE ITEM
- SAW CUT
- INLET PROTECTION
- TREE PROTECTION FENCE
- 320 EXISTING CONTOUR
- REMOVE AND DISPOSE PAVEMENT
- REMOVE AND DISPOSE WOOD CHIPS
- MILL TOP 1½" ASPHALT

NOTE:

1. REFER TO SURVEY PLAN ENTITLED "SURVEY OF PROPERTY PREPARED FOR PUBLIC SCHOOLS OF THE TARRYTOWNS", DATED APRIL 2, 2024, AS PREPARED BY WARD CARPENTER ENGINEERS, INC. FOR EXISTING CONDITIONS.
2. NOTIFY VILLAGE AND COORDINATE ALL WORK WITHIN THE RIGHT OF WAY INCLUDING SIDEWALK REMOVAL, CLOSING, ETC. WITH VILLAGE.

10 5 0 2 4 6 8 10
Scale: 1" = 10'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

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MEMASI PROJECT NO.	101-2403

SITE PREP, DEMO AND EROSION CONTROL PLAN ADD-ALTERNATE 3

C101

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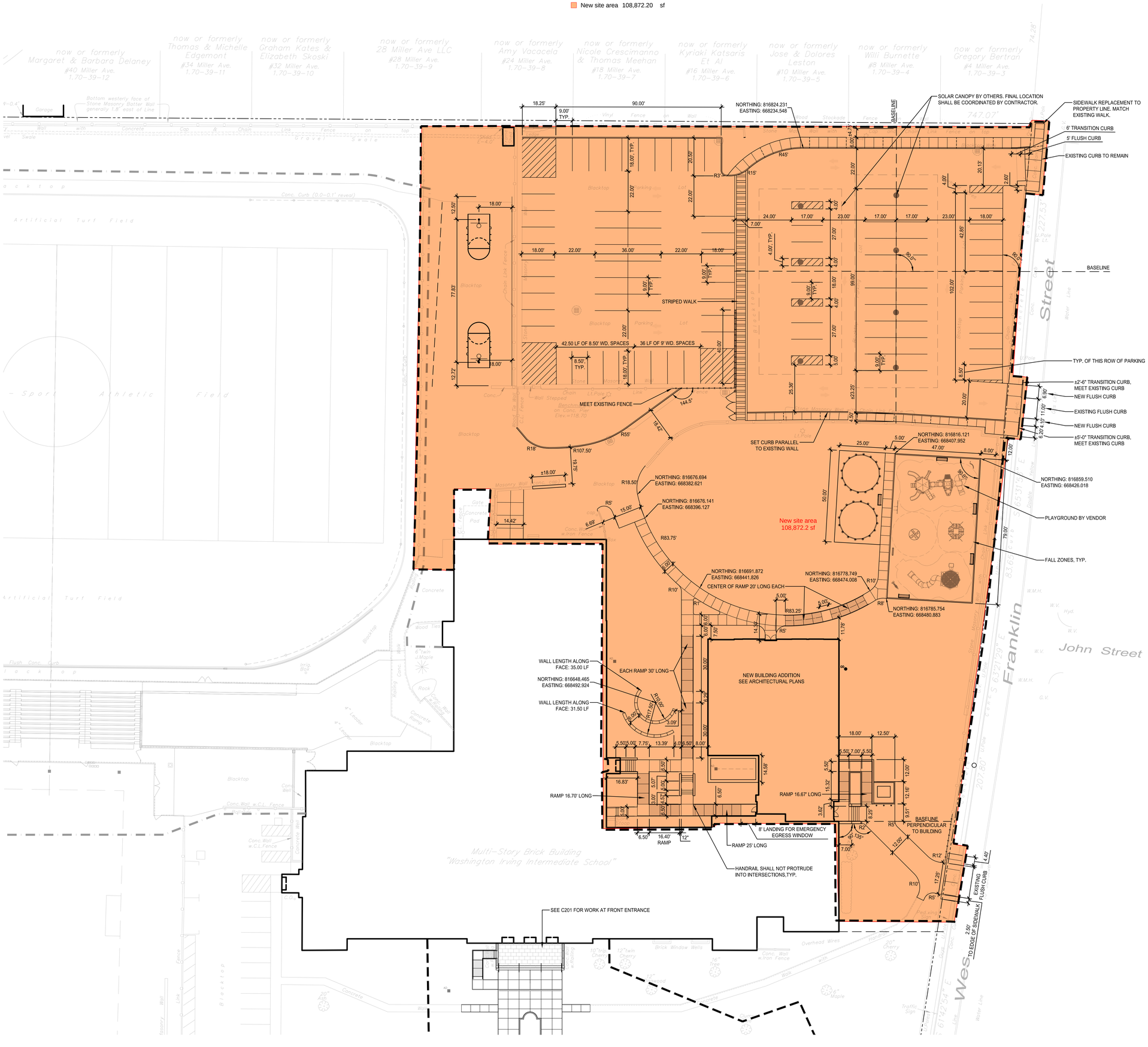
Legend

Description	Quantity	Unit
New site area	108,872.20	sf



LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- CHAIN LINK FENCE (CLF)
- ACCESSIBLE RAMP

20 10 0 5 10 15 20
Scale: 1" = 20'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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ISSUE	DATE
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MEMASI PROJECT NO.	101-2403

SITE LAYOUT PLAN

C200

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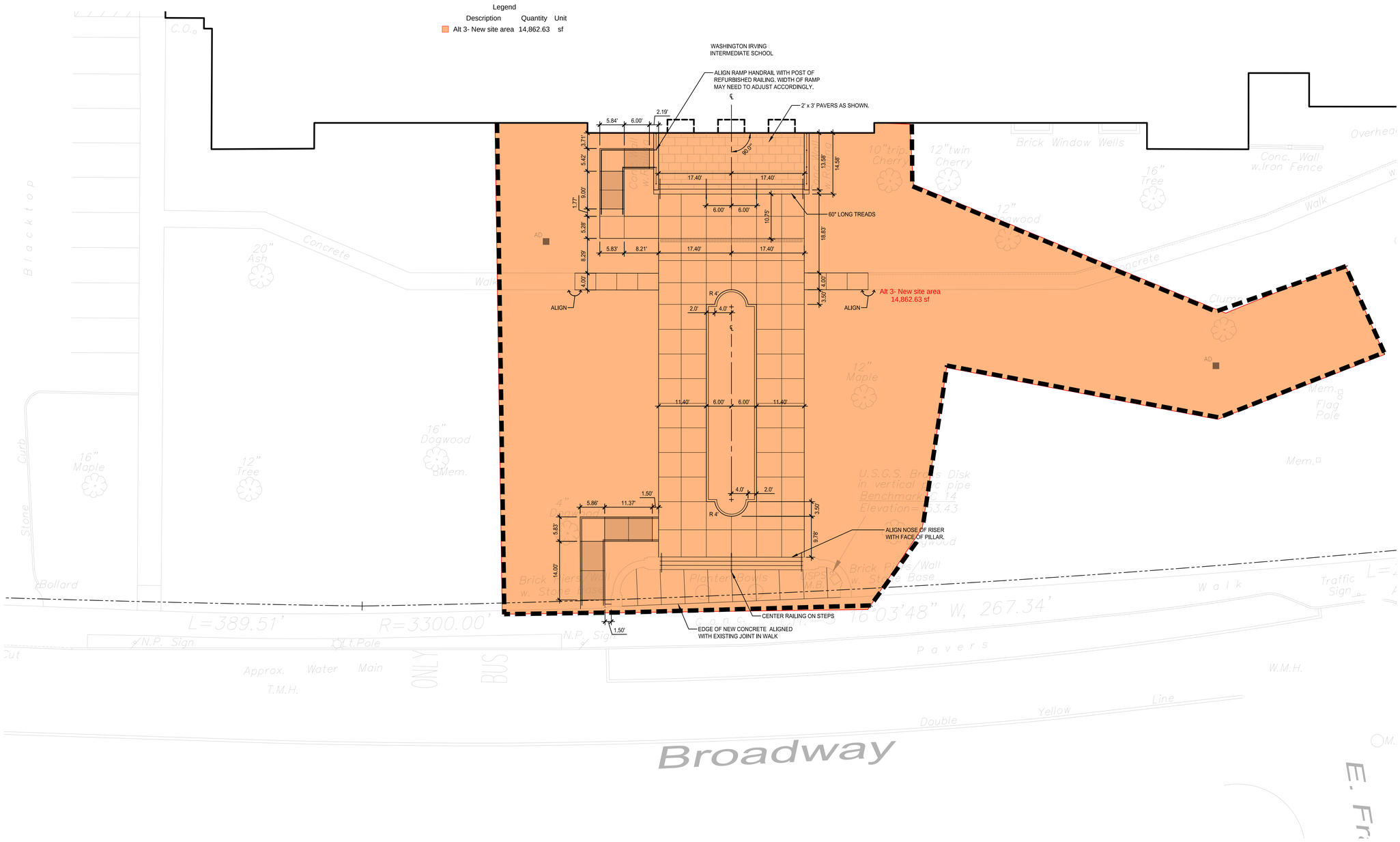

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

ISSUE	DATE
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LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- ACCESSIBLE RAMP

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE LAYOUT PLAN ADD-ALTERNATE 3

Scale: 1" = 10'

C201

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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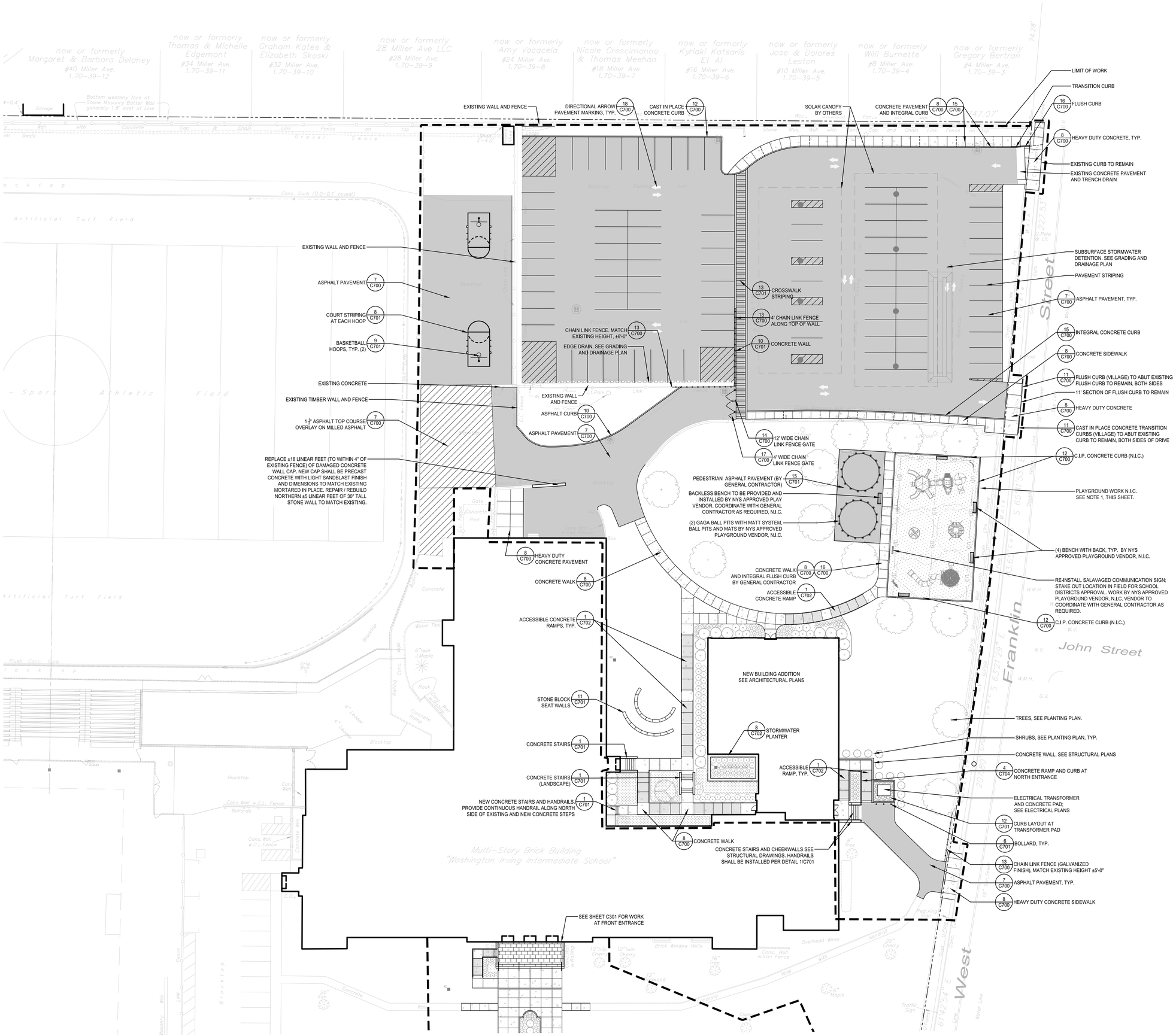

NOTE:

1. AT PLAYGROUND AREA, PLAYGROUND EQUIPMENT, CAST-IN-PLACE CONCRETE CURB, UNDERDRAINS, SUBGRADE MATERIAL, POURED-IN-PLACE RUBBER SURFACING, BENCHES, AND GA-GA BALL PITS BY NYS APPROVED PLAYGROUND VENDOR, N.I.C.

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- ASPHALT PAVEMENT
- 1½" ASPHALT OVERLAY
- CONCRETE PAVEMENT
- ACCESSIBLE RAMP
- CHAIN LINK FENCE (CLF)
- STONE SURFACING
- PLAY RUBBER SURFACING
- N.I.C. NOT IN CONTRACT

20 10 0 5 10 15 20
Scale: 1" = 20'

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE MATERIALS PLAN

C300

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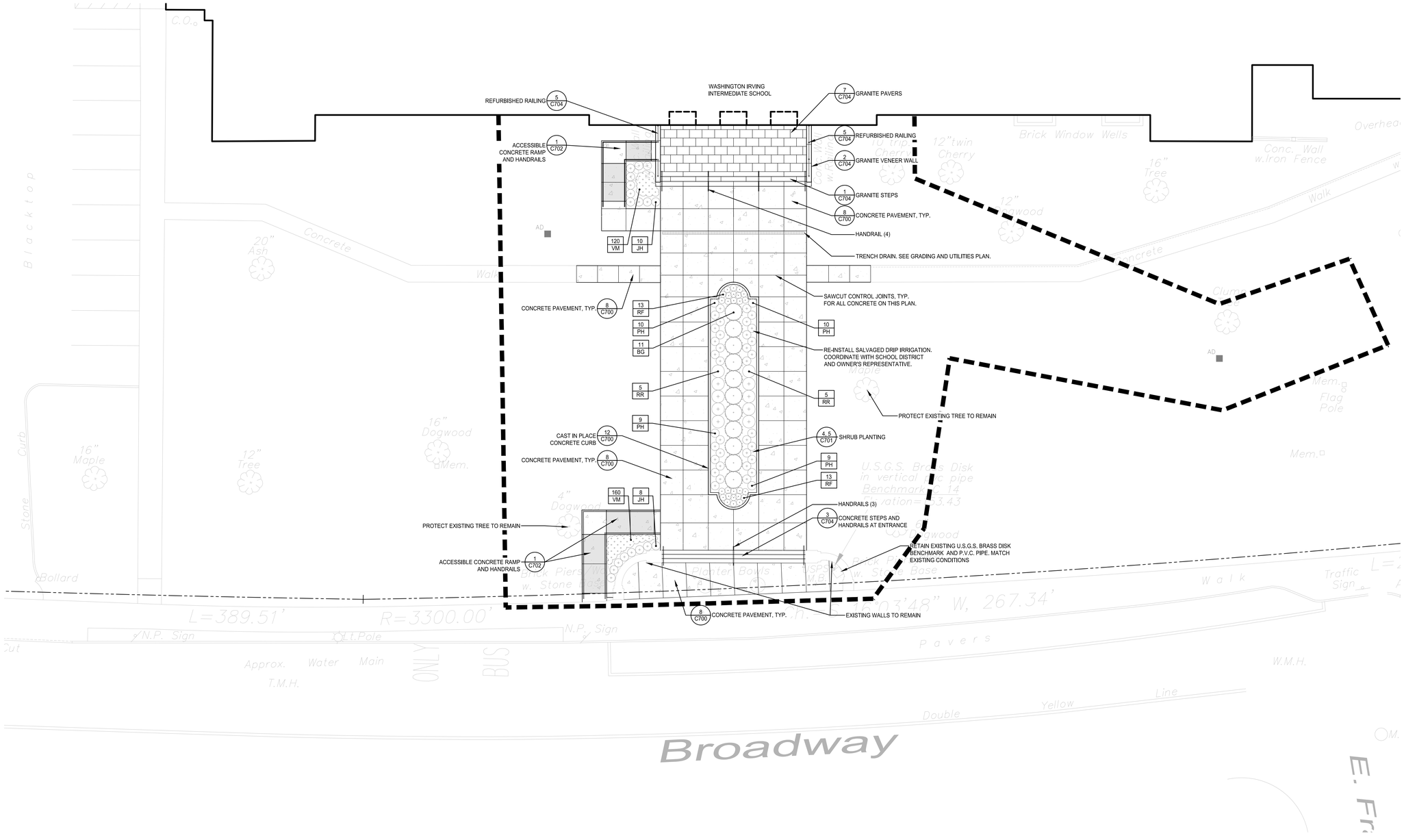

PLANT LIST

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS/SPACING
SHRUBS					
BG	11	Buxus 'Green Velvet'	Green Velvet Boxwood	21"-24" ht.	
RR	10	Rhododendron 'Ramapo'	Rhododendron Ramapo	18"-24" ht.	
PERENNIALS / GROUNDCOVER					
JH	18	Hosta 'June'	June Hosta	#2 Cont.	
PH	38	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass 'Hameln'	#2 Cont.	
RF	26	Rudbeckia fulgida 'Goldsturm'	Black-Eyed Susan	#2 Cont.	
VM	280	Vinca minor	Periwinkle	BR/FLATS	6" O.C.

NOTE: PLANT LIST FOR THIS SHEET ONLY

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- ASPHALT PAVEMENT
- 1½" ASPHALT OVERLAY
- CONCRETE PAVEMENT
- ACCESSIBLE RAMP
- SHRUBS
- GROUNDCOVER

10 5 0 2 4 6 8 10
Scale: 1" = 10'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS I CLARK DAVIS ENGINEERING & SURVEYING DPC
257 USHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE MATERIALS AND PLANTING PLAN ADD-ALTERNATE 3

C301

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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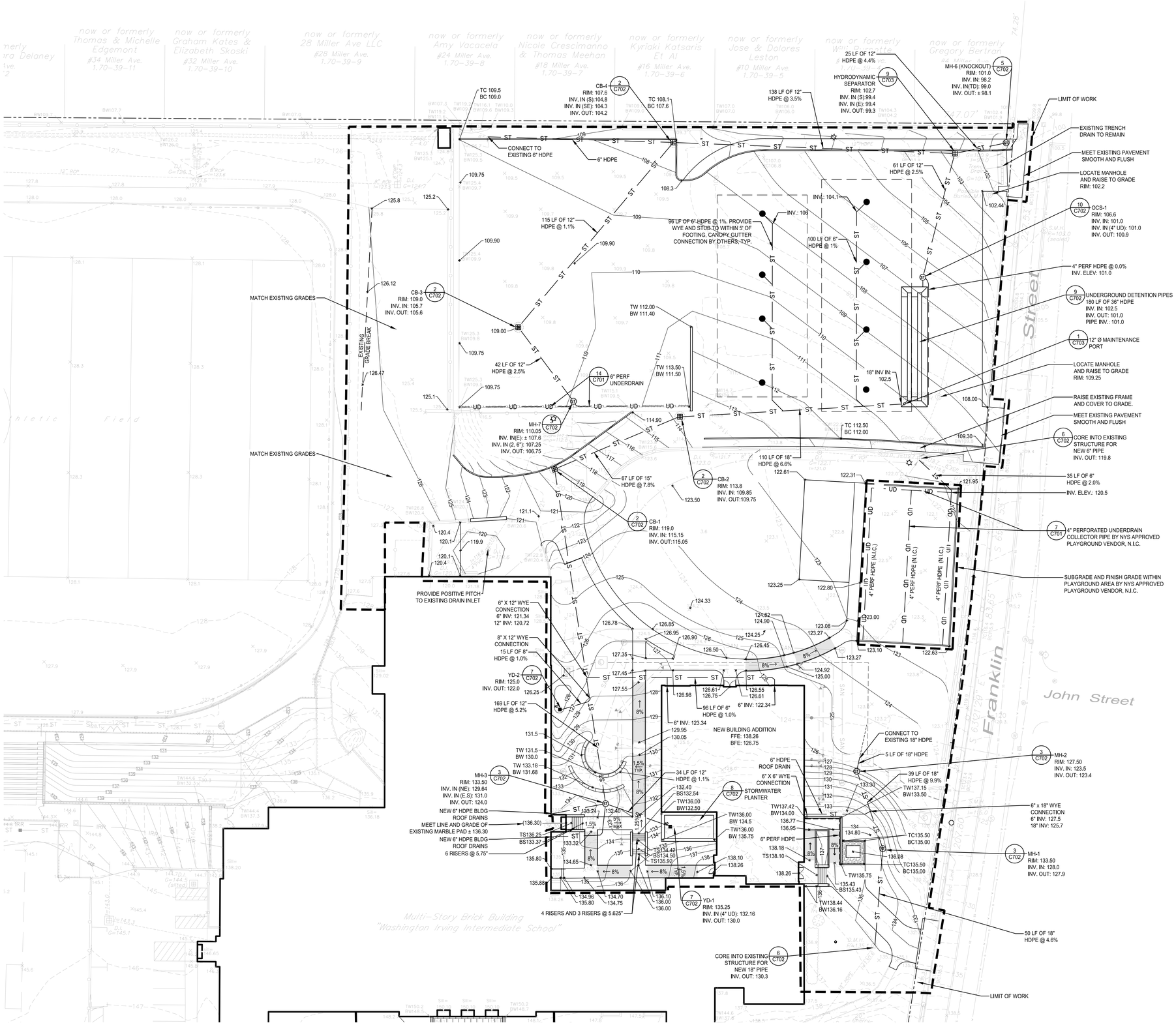

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- 247 PROPOSED CONTOUR LINE
- 247 EXISTING CONTOUR LINE
- ST STORM PIPE
- TC TOP OF CURB
- BC BOTTOM OF CURB
- FC FLUSH CURB
- TS TOP OF STAIRS
- BS BOTTOM OF STAIRS
- 709.5 PROPOSED SPOT ELEVATION
- (709.5) EXISTING SPOT ELEVATION TO BE CONFIRMED
- 55.9 EXISTING SPOT ELEVATION
- ACCESSIBLE RAMP
- AD YARD DRAIN
- ST STORM MANHOLE
- CATCH BASIN

20 10 0 5 10 15 20
Scale: 1" = 20'

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE GRADING & DRAINAGE PLAN

C400

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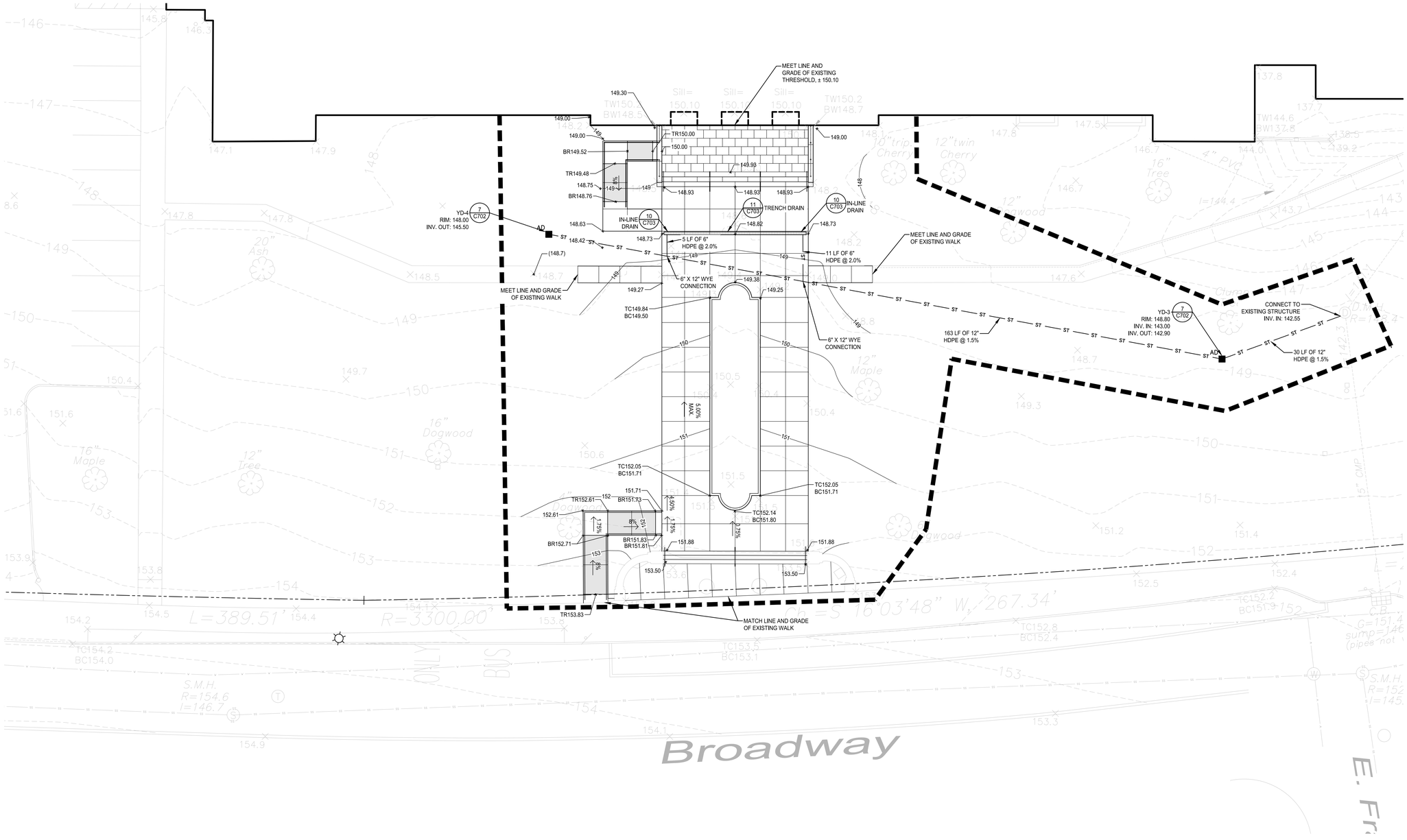

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

LEGEND

	LIMIT OF WORK LINE
	PROPERTY LINE
247	PROPOSED CONTOUR LINE
247	EXISTING CONTOUR LINE
ST	STORM PIPE
TC	TOP OF CURB
BC	BOTTOM OF CURB
FC	FLUSH CURB
TS	TOP OF STAIRS
BS	BOTTOM OF STAIRS
709.5	PROPOSED SPOT ELEVATION
(709.5)	EXISTING SPOT ELEVATION TO BE CONFIRMED
85.9	EXISTING SPOT ELEVATION
	ACCESSIBLE RAMP
AD	YARD DRAIN

10 5 0 2 4 6 8 10
Scale: 1" = 10'

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE GRADING & DRAINAGE PLAN ADD-ALTERNATE 3

C401

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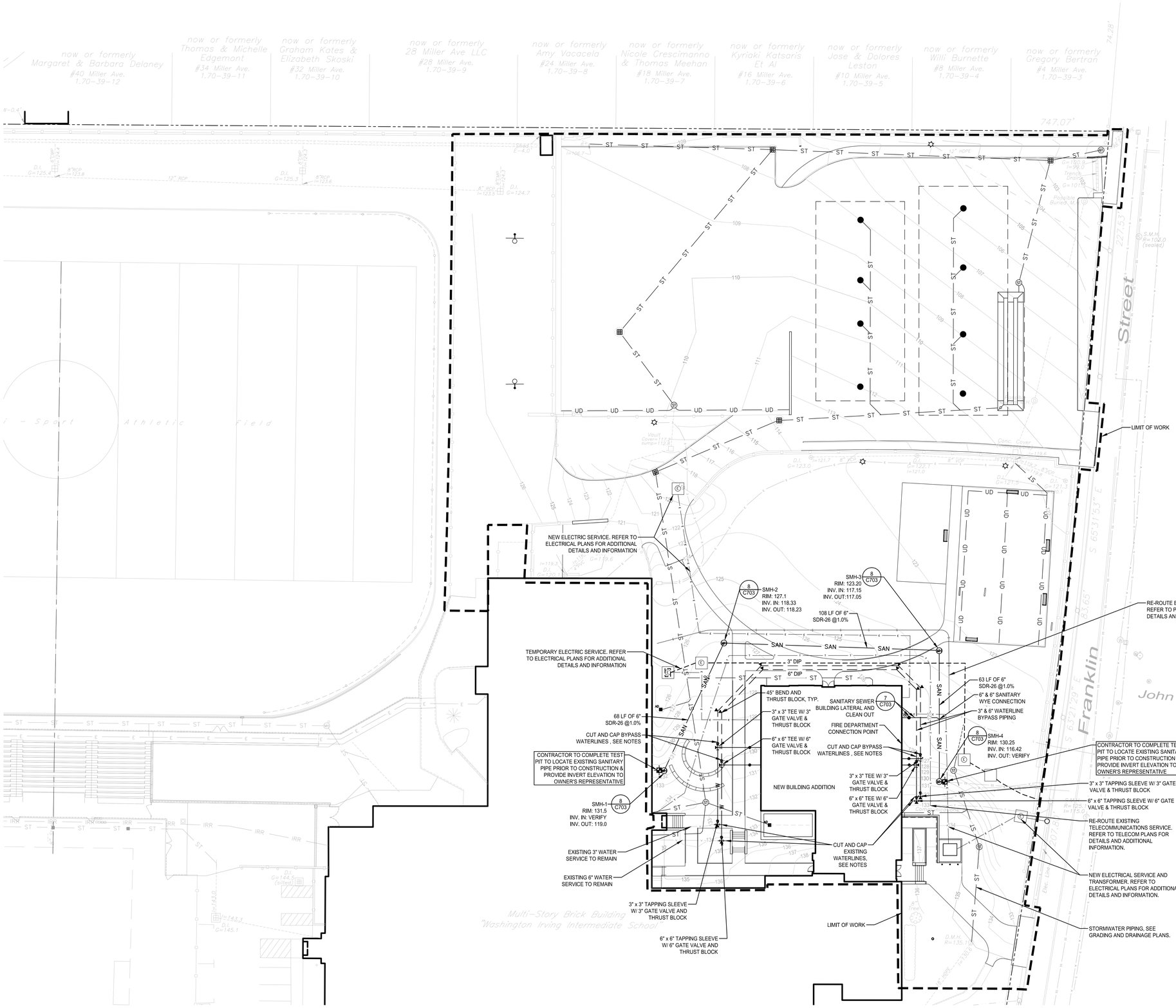
now or formerly
Margaret & Barbara Delaney
#40 Miller Ave.
1.70-39-12
now or formerly
Thomas & Michelle Edgemont
#34 Miller Ave.
1.70-39-11
now or formerly
Graham Kates & Elizabeth Skoski
#32 Miller Ave.
1.70-39-10
now or formerly
28 Miller Ave LLC
#28 Miller Ave.
1.70-39-9
now or formerly
Amy Vacacela
#24 Miller Ave.
1.70-39-8
now or formerly
Nicole Crescimanno & Thomas Meehan
#18 Miller Ave.
1.70-39-7
now or formerly
Kyriaki Katsaris Et Al
#16 Miller Ave.
1.70-39-6
now or formerly
Jose & Dolores Leston
#10 Miller Ave.
1.70-39-5
now or formerly
Willi Burnette
#8 Miller Ave.
1.70-39-4
now or formerly
Gregory Bertran
#4 Miller Ave.
1.70-39-3
747.07'
74.28'
Street
Franklin
John Street
i - Sport Athletic Field
Multi-Story Brick Building
"Washington Irving Intermediate School"
LIMIT OF WORK
NEW ELECTRIC SERVICE. REFER TO ELECTRICAL PLANS FOR ADDITIONAL DETAILS AND INFORMATION
TEMPORARY ELECTRIC SERVICE. REFER TO ELECTRICAL PLANS FOR ADDITIONAL DETAILS AND INFORMATION
SMH-2
RIM: 127.1
INV. IN: 118.33
INV. OUT: 118.23
SMH-3
RIM: 123.20
INV. IN: 117.15
INV. OUT:117.05
108 LF OF 6" SDR-26 @1.0%
63 LF OF 6" SDR-26 @1.0%
68 LF OF 6" SDR-26 @1.0%
45° BEND AND THRUST BLOCK, TYP.
3" x 3" TEE W/ 3" GATE VALVE & THRUST BLOCK
6" x 6" TEE W/ 6" GATE VALVE & THRUST BLOCK
CUT AND CAP BYPASS WATERLINES , SEE NOTES
SANITARY SEWER BUILDING LATERAL AND CLEAN OUT
FIRE DEPARTMENT CONNECTION POINT
NEW BUILDING ADDITION
6" & 6" SANITARY WYE CONNECTION
3" & 6" WATERLINE BYPASS PIPING
SMH-4
RIM: 130.25
INV. IN: 116.42
INV. OUT: VERIFY
CONTRACTOR TO COMPLETE TEST PIT TO LOCATE EXISTING SANITARY PIPE PRIOR TO CONSTRUCTION & PROVIDE INVERT ELEVATION TO OWNER'S REPRESENTATIVE
SMH-1
RIM: 131.5
INV. IN: VERIFY
INV. OUT: 119.0
EXISTING 3" WATER SERVICE TO REMAIN
EXISTING 6" WATER SERVICE TO REMAIN
3" x 3" TAPPING SLEEVE W/ 3" GATE VALVE AND THRUST BLOCK
6" x 6" TAPPING SLEEVE W/ 6" GATE VALVE AND THRUST BLOCK
RE-ROUTE EXISTING GAS SERVICE. REFER TO PLUMBING PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
3" x 3" TAPPING SLEEVE W/ 3" GATE VALVE & THRUST BLOCK
6" x 6" TAPPING SLEEVE W/ 6" GATE VALVE & THRUST BLOCK
RE-ROUTE EXISTING TELECOMMUNICATIONS SERVICE. REFER TO TELECOM PLANS FOR DETAILS AND ADDITIONAL INFORMATION.
NEW ELECTRICAL SERVICE AND TRANSFORMER. REFER TO ELECTRICAL PLANS FOR ADDITIONAL DETAILS AND INFORMATION.
STORMWATER PIPING, SEE GRADING AND DRAINAGE PLANS.
CUT AND CAP EXISTING WATERLINES, SEE NOTES
S.M.H. R=104.0 (sealed)
D.M.H. R=135.1
Vault Cover=117.2 sump=112.8
Grate - Cover Elev.=119.6
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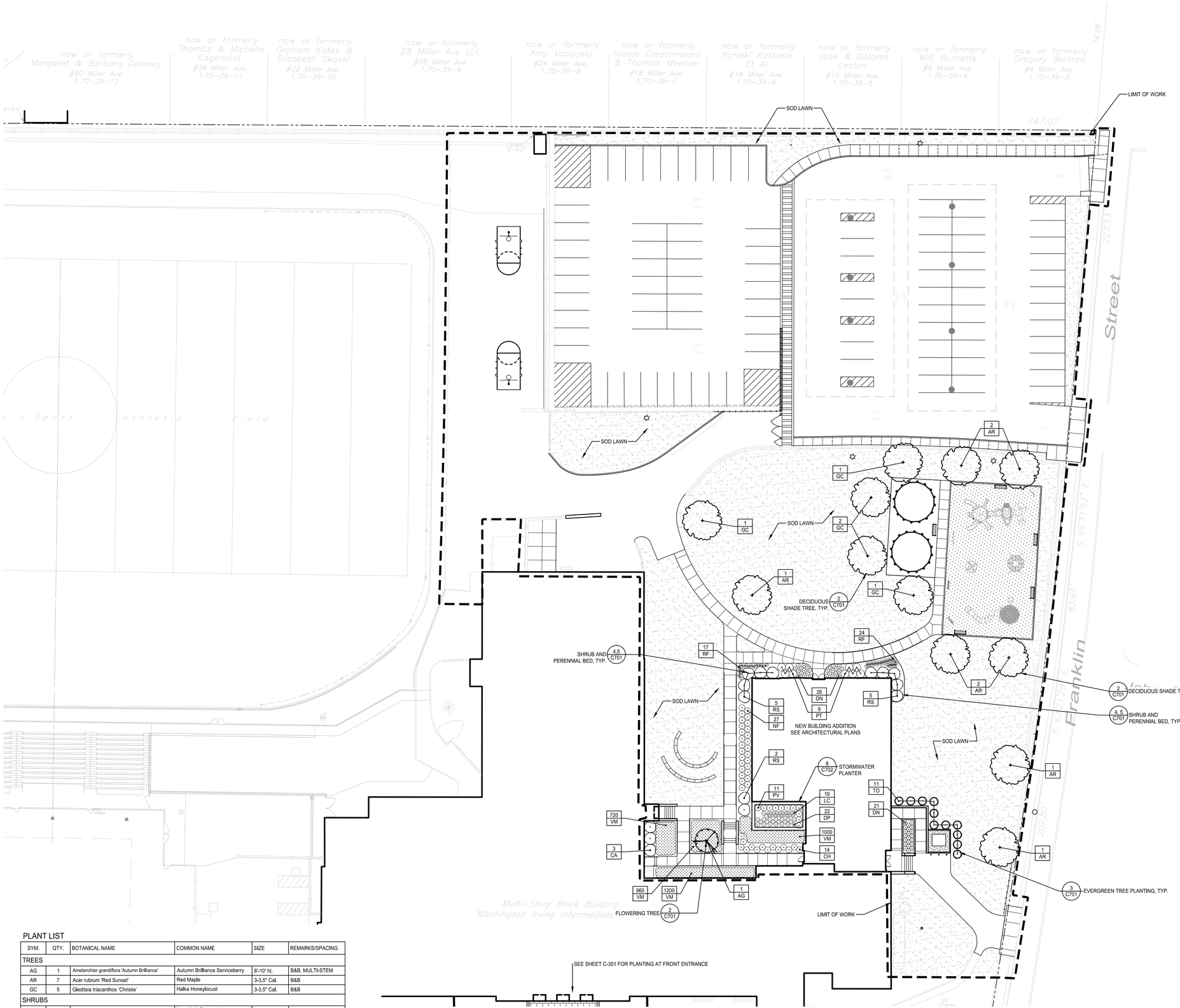

PLANT LIST

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS/SPACING
TREES					
AG	1	Amelanchier grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	8'-10' ht.	B&B, MULTI-STEM
AR	7	Acer rubrum 'Red Sunset'	Red Maple	3-3.5" Cal.	B&B
GC	5	Gleditsia triacanthos 'Christie'	Halka Honeylocust	3-3.5" Cal.	B&B
SHRUBS					
CA	3	Cornus alba 'Bailhalo'	Ivory Halo Dogwood	24"-36" ht.	
CH	14	Clethra alnifolia 'Hummingbird'	Summersweet	18"-24" ht.	
DN	47	Deutzia gracilis 'Nikko'	Slender Deutzia	2 gal.	
NF	27	Nepeta faassenii 'Cat's Meow'	Catmint 'Cat's Meow'	2 gal.	
PT	9	Physocarpus opulifolius 'Tiny Wine Gold'	Dwarf Ninebark	18"-24" ht.	
RS	12	Rhododendron 'Scintillation'	Scintillation Rhododendron	36"-48" ht.	B&B
TO	11	Thuja occidentalis 'Smaragd'	Emerald Green Arborvitae	6'-8' ht.	B&B
PERENNIALS / GRASSES					
DP	22	Dennstaedtia punctilobula	Hay-Scented Fern	#2 Cont.	
LC	19	Lobelia cardinalis	Cardinal Flower	#2 Cont.	
PV	11	Panicum virgatum	Switchgrass	#2 Cont.	
RF	41	Rudbeckia fulgida 'Goldsturm'	Black-Eyed Susan	#2 Cont.	
VM	3880	Vinca minor	Periwinkle	BR/FLATS	6" O.C.

NOTE: PLANT LIST FOR THIS SHEET ONLY

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- 6" TOPSOIL AND SOD
- GROUNDCOVER
- SHADE TREES
- FLOWERING TREES
- SHRUBS

NOTE:

1. SUB-SOILS REQUIRE DECOMPACTION. SEE SPECIFICATIONS.
2. PROVIDE 6" TOPSOIL & SOD TO LIMITS OF DISTURBANCE IN ALL LANDSCAPE AREAS UNLESS OTHERWISE NOTED.

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Scale: 1" = 20'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS I CLARK DAVIS ENGINEERING & SURVEYING DPC
257 USHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE PLANTING PLAN

C600

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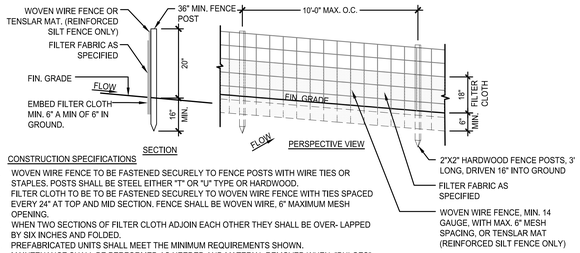
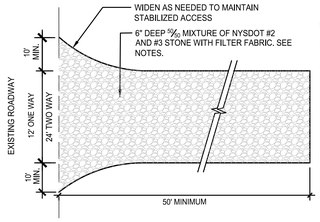


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED.
4. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. FILTER FABRIC AND WWF OR TENSLAR MAT SHALL BE ON THE NYSDOT APPROVED MATERIAL LIST FOR SILT FENCE.
7. REINFORCED SILT FENCE SHALL BE USED AS NEEDED AN IN LIEU OF STANDARD SILT FENCE AS REQUIRED BY QUALIFIED INSPECTOR.

1 SILT FENCE

Scale: NTS

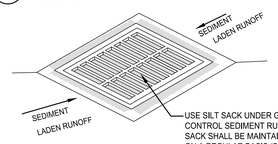


CONSTRUCTION SPECIFICATIONS

1. MINIMUM STONE SIZE SHALL BE 1"-4" STONE, INSTALLED OVER FILTER FABRIC TO A MINIMUM DEPTH OF 6".
2. MINIMUM WIDTH SHALL BE 12' FOR ONE WAY TRAFFIC, 24' FOR TWO WAY TRAFFIC. MINIMUM LENGTH SHALL BE 50'.
3. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESSES SHALL BE PIPED BENEATH ACCESS. IF IMPRACTICAL, A MOUNTABLE DIVERSION BERM PREVENTING RUNOFF ONTO ADJACENT ROAD SHALL BE PERMITTED.
4. ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
5. ALL VEHICLE WASHING SHALL BE DONE IN A STONE STABILIZED AREA WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
6. INSPECT AND MAINTAIN AS NEEDED TO CONFORM TO SPECIFICATIONS AND STORMWATER POLLUTION PREVENTION PLAN.

2 STABILIZED CONSTRUCTION ENTRANCE

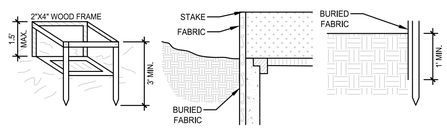
Scale: NTS



NOTES:

1. SILT SACK SHALL BE MAINTAINED & REMOVED ONLY AFTER ACCEPTANCE OF ROADWAY. SILT SACK SHALL BE CLEANED PERIODICALLY TO KEEP CATCH BASIN WORKING PROPERLY WHILE IN PLACE AT REMOVAL OF SILT SACK ALL CATCH BASINS SHALL BE CLEANED OF DEBRIS AND SEDIMENT.
2. GRATE SILT SACK SHALL ONLY BE USED FOR IN-PAVEMENT STRUCTURES ONLY DURING AND AFTER INSTALLATION OF PAVEMENT.

PAVED CONDITION

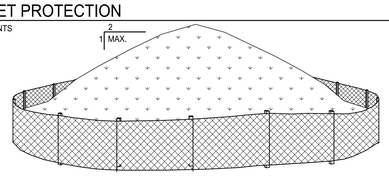


CONSTRUCTION SPECIFICATIONS:
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" X 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACES STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACK-FILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2"X4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

LAWN CONDITION

3 INLET PROTECTION

Scale: NTS

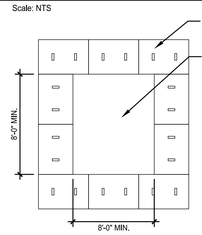


NOTES:

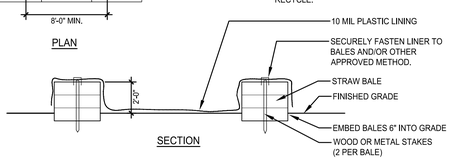
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1. MAXIMUM HEIGHT SHALL BE 12 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING
4. STABILIZE STOCKPILES IN ACCORDANCE WITH THE S.W.P.P.P.

4 TEMPORARY STOCKPILE

Scale: NTS



PLAN



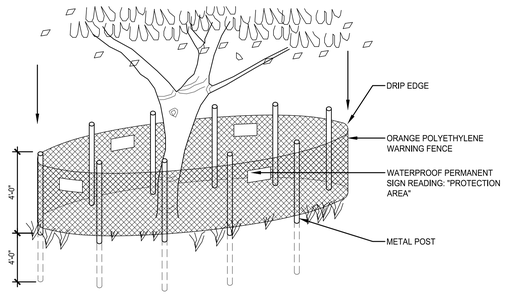
SECTION

NOTES:

1. WASHOUTS SHALL BE PLACED IN ACCORDANCE WITH THE PLANS OR AS DIRECTED BY THE QUALIFIED INSPECTOR.
2. LOCATE 100' FROM STORM DRAINS, OPEN DITCHES, WETLANDS, STREAMS AND OTHER SURFACE WATERS.
3. PRE-FABRICATED STRUCTURES MAY BE USED IF APPROVED BY QUALIFIED INSPECTOR.
4. CONTRACTOR SHALL SIZE TO CONTAIN ALL LIQUID & CONCRETE GENERATED BY WASHOUT OPERATIONS
5. INSPECT DAILY FOR SIGNS OF DAMAGE OR LEAKS & IMMEDIATELY MAKE NECESSARY REPAIRS.
6. CLEAN, OR CONSTRUCT NEW FACILITY WHEN WASHOUT BECOMES 75% FULL. REPLACE PLASTIC LINER WITH EACH CLEANING.
7. WHEN FACILITIES ARE NO LONGER NEEDED, REMOVE HARDENED CONCRETE, SLURRY & WASHOUT MATERIALS & LEGALLY DISPOSE OF OFF SITE OR RECYCLE.

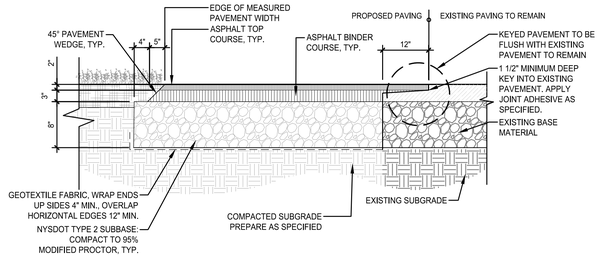
5 CONCRETE WASHOUT

Scale: NTS



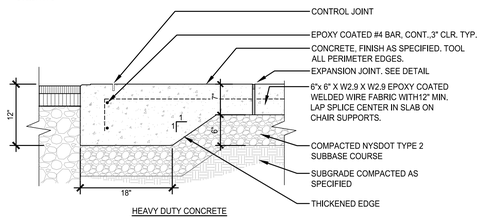
6 TREE PROTECTION FENCE

Scale: NTS

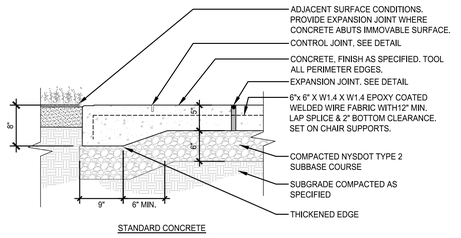


7 ASPHALT PAVING

Scale: NTS



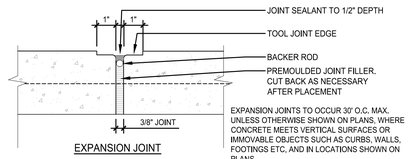
HEAVY DUTY CONCRETE



STANDARD CONCRETE

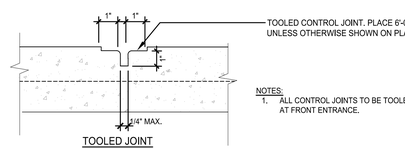
8 CONCRETE PAVEMENT

Scale: NTS



EXPANSION JOINT

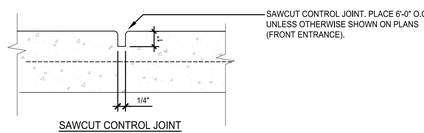
EXPANSION JOINTS TO OCCUR 30' O.C. MAX. UNLESS OTHERWISE SHOWN ON PLANS, WHERE CONCRETE MEETS VERTICAL SURFACES OR IMMOVABLE OBJECTS SUCH AS CURBS, WALLS, FOOTINGS ETC, AND IN LOCATIONS SHOWN ON PLANS.



TOOLED JOINT

NOTES:

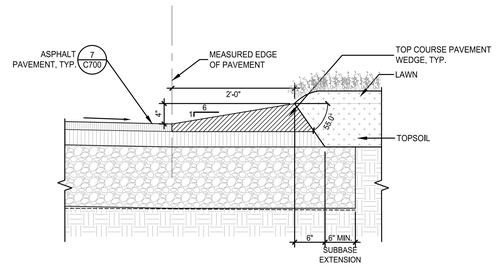
1. ALL CONTROL JOINTS TO BE TOOLED EXCEPT AT FRONT ENTRANCE.



SAWCUT CONTROL JOINT

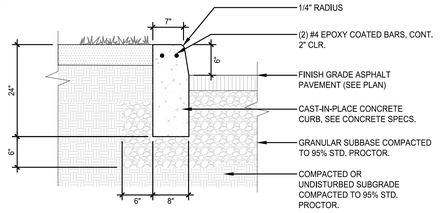
9 CONCRETE JOINTS

Scale: NTS



10 ASPHALT WING CURB

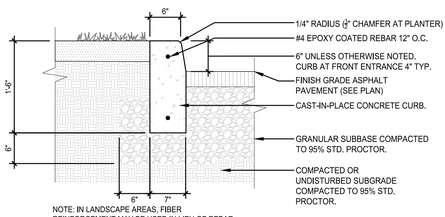
Scale: NTS



NOTE: DETAIL REPRESENTS VILLAGE OF TARRYTOWN STANDARD.

11 CAST-IN-PLACE CONCRETE CURB (VILLAGE R.O.W.)

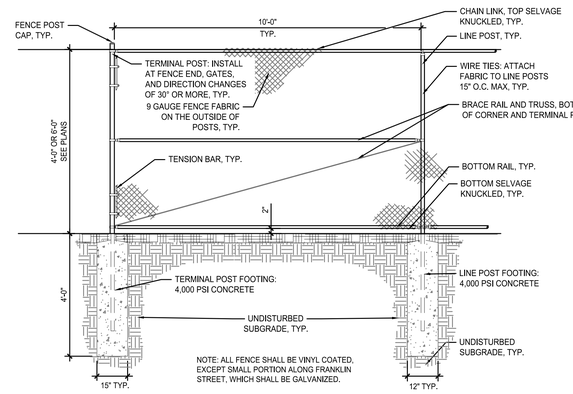
Scale: NTS



NOTE: IN LANDSCAPE AREAS, FIBER REINFORCEMENT MAY BE USED IN LIEU OF REBAR

12 CAST-IN-PLACE CONCRETE CURB

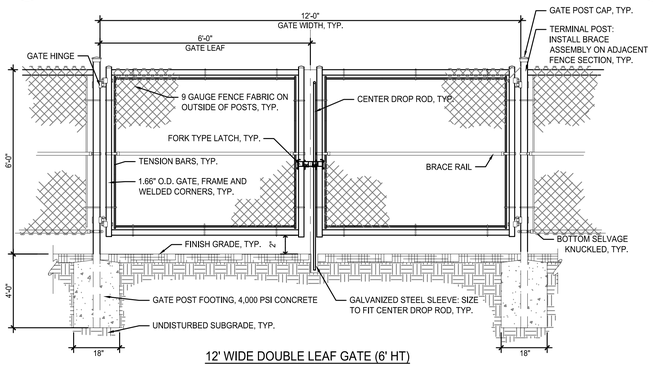
Scale: NTS



NOTE: ALL FENCE SHALL BE VINYL COATED, EXCEPT SMALL PORTION ALONG FRANKLIN STREET, WHICH SHALL BE GALVANIZED.

13 CHAIN LINK FENCE

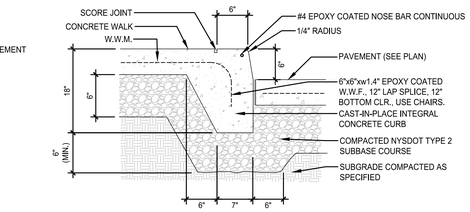
Scale: NTS



12' WIDE DOUBLE LEAF GATE (6' HT)

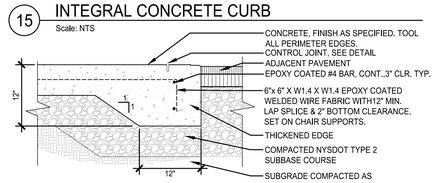
14 12' WD. DOUBLE SWING GATE

Scale: NTS



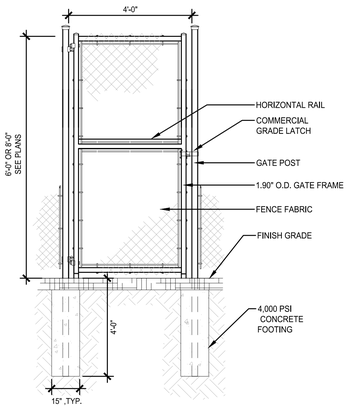
15 INTEGRAL CONCRETE CURB

Scale: NTS



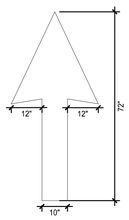
16 INTEGRAL FLUSH CURB

Scale: NTS



17 4' WD. MAN GATE

Scale: NTS



NOTES:

1. COLOR SHALL BE WHITE.

18 DIRECTIONAL PAVEMENT MARKING

Scale: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

DETAILS

C700

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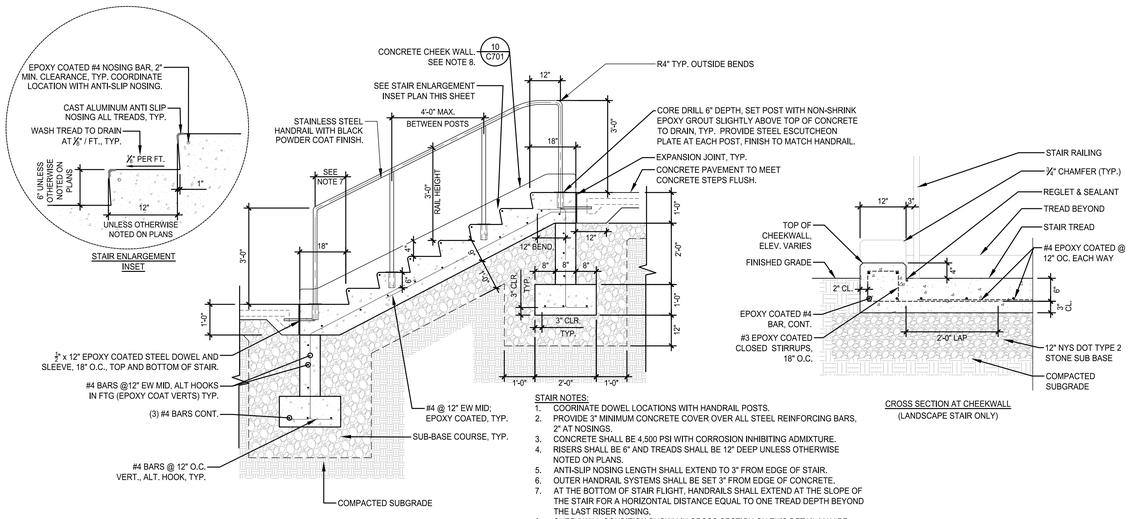
1 CONCRETE STAIRS

Scale: NTS

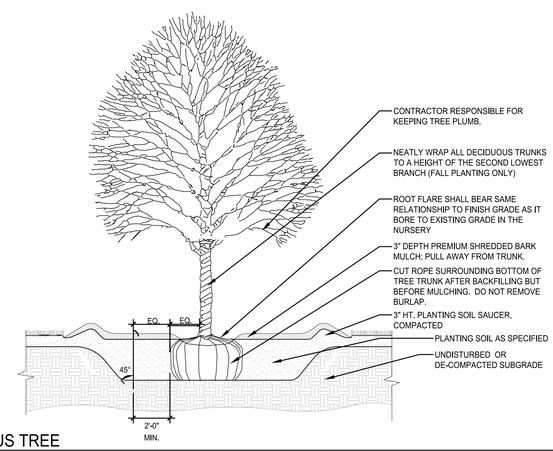


CROSS SECTION AT CHEEKWALL
(LANDSCAPE STAIR ONLY)

STAIR NOTES:
1. COORINATE DOWEL LOCATIONS WITH HANDRAIL POSTS.
2. PROVIDE 3" MINIMUM CONCRETE COVER OVER ALL STEEL REINFORCING BARS, 2" AT NOSINGS.
3. CONCRETE SHALL BE 4,500 PSI WITH CORROSION INHIBITING ADMIXTURE.
4. RISERS SHALL BE 6" AND TREADS SHALL BE 12" DEEP UNLESS OTHERWISE NOTED ON PLANS.
5. ANTI-SLIP NOSING LENGTH SHALL EXTEND TO 3" FROM EDGE OF STAIR.
6. OUTER HANDRAIL SYSTEMS SHALL BE SET 3" FROM EDGE OF CONCRETE.
7. AT THE BOTTOM OF STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING.
8. CHEEKWALL CONDITION SHOWN IN CROSS SECTION ON THIS DETAIL MAY BE USED AT LANDSCAPE STAIR ONLY

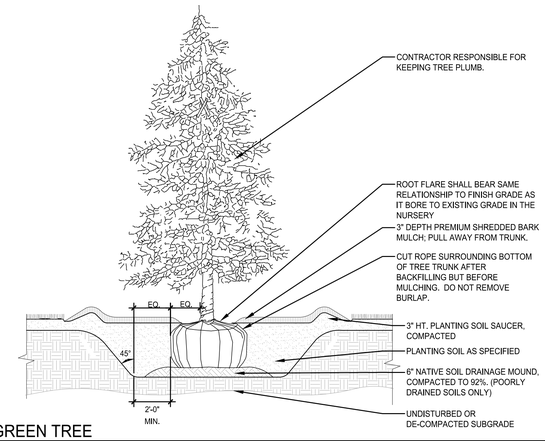
2 DECIDUOUS TREE

Scale: NTS



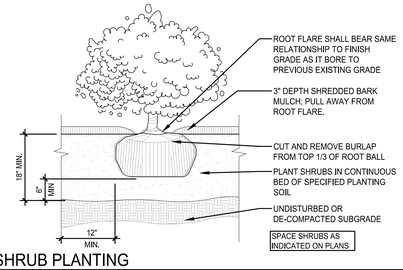
3 EVERGREEN TREE

Scale: NTS



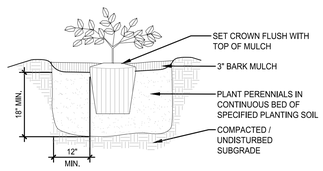
4 SHRUB PLANTING

Scale: NTS



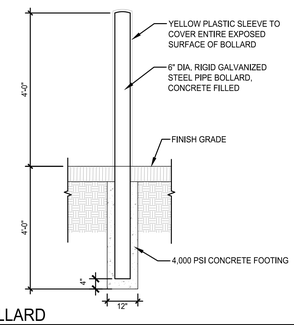
5 PERENNIAL PLANTING

Scale: NTS



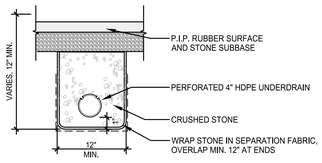
6 BOLLARD

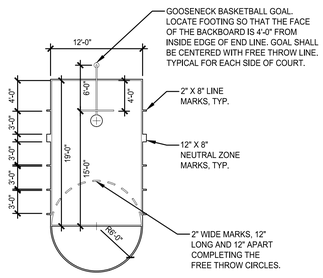
Scale: N.T.S.



7 UNDERDRAINS AT PLAYGROUND (N.I.C.)

Scale: NTS





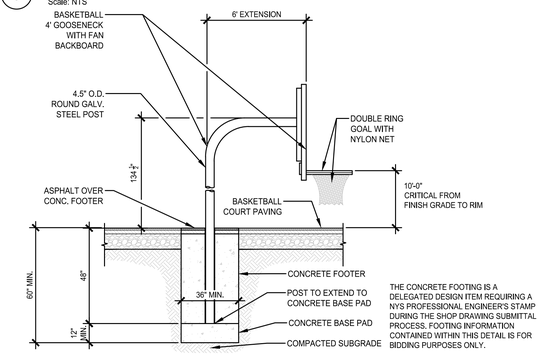
NOTES:
1. COURT MARKINGS SHALL BE IN COMPLIANCE WITH NFHSA STANDARDS. CONTRACTOR SHALL SUBMIT STRIPING PLAN INDICATING COURT DIMENSIONS, INCLUDING GOAL LOCATION, ALL LINE MARKINGS AND COLORS FOR APPROVAL.
2. ALL LINES ARE 2" WIDE WHITE LINES.
3. ALL DIMENSIONS ARE TYPICAL.

8 BASKETBALL COURT STRIPING

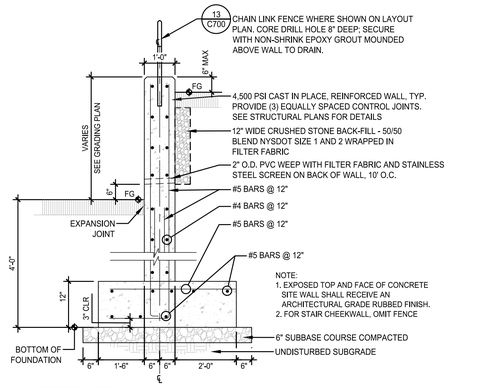
Scale: NTS

9 BASKETBALL HOOP

Scale: NTS

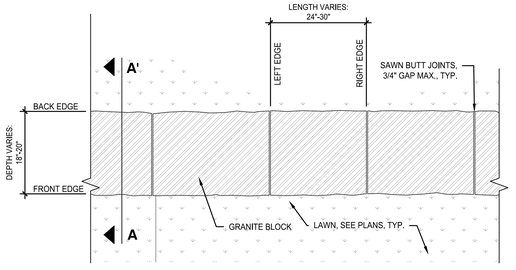


THE CONCRETE FOOTING IS A DELEGATED DESIGN ITEM REQUIRING A NYS PROFESSIONAL ENGINEER'S STAMP DURING THE SHOP DRAWING SUBMITTAL PROCESS. FOOTING INFORMATION CONTAINED WITHIN THIS DETAIL IS FOR BIDDING PURPOSES ONLY.



10 CONCRETE RETAINING WALL

Scale: NTS

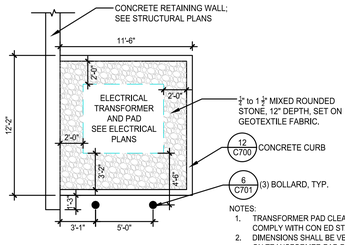


PLAN VIEW

NOTES:
1. GRANITE BLOCK SHALL BE 'SARATOGA GRANITE' BLOCK STONE, AS MANUFACTURED BY CHAMPLAIN STONE, OR APPROVED EQUAL; SEE SPECIFICATIONS.
2. GRANITE BLOCK SHALL CONSIST OF THE FOLLOWING DIMENSIONS:
   DEPTH = 18"-20"
   LENGTH = 24" - 30"
   HEIGHT = 24" (18" EXPOSED)
3. STONE BLOCK SHALL BE FABRICATED AS FOLLOWS:
   TOP AND BOTTOM = NATURAL
   FRONT AND BACK FACE = NATURAL
   LEFT AND RIGHT EDGE = SAW CUT WITH SMOOTH FINISH TO ACHIEVE TIGHT JOINTS BETWEEN STONES
   EXPOSED LEFT AND RIGHT EDGES AT END OF RUN = NATURAL
4. HAND TOOL EXPOSED EDGES; EXPOSED SAWN FACES SHALL NOT BE PERMITTED
5. MAX PROJECTION 3"; NO DRILL MARKS.

11 GRANITE BLOCK SEAT WALL

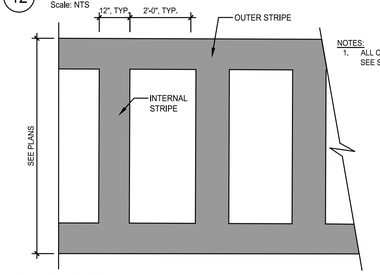
Scale: NTS



NOTES:
1. TRANSFORMER PAD CLEARANCES TO COMPLY WITH CON ED STANDARDS.
2. DIMENSIONS SHALL BE VERIFIED BASED ON TRANSFORMER PAD DIMENSIONS. COORDINATE WITH ELECTRICAL CONTRACTOR.

12 CURB LAYOUT AT TRANSFORMER PAD

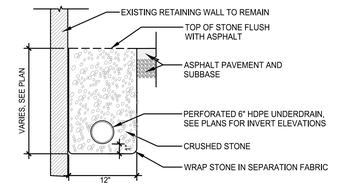
Scale: NTS



NOTES:
1. ALL CROSSWALK STRIPING SHALL BE WHITE. SEE SPECIFICATIONS.

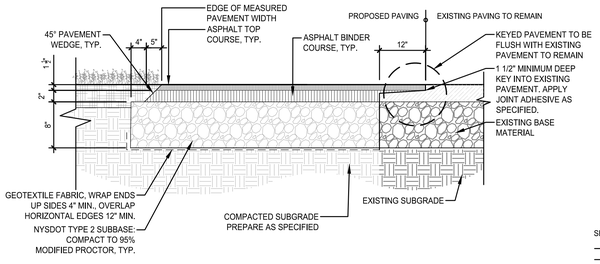
13 CROSSWALK

Scale: NTS



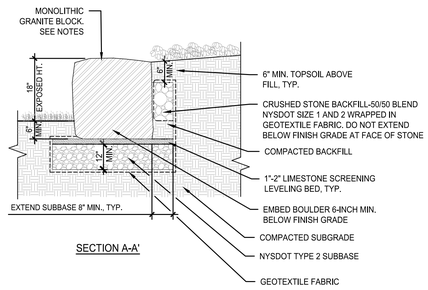
14 UNDERDRAIN AT PARKING LOT WALL

Scale: NTS



15 PEDESTRIAN ASPHALT PAVING

Scale: NTS



SECTION A-A'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

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SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

DETAILS

C701

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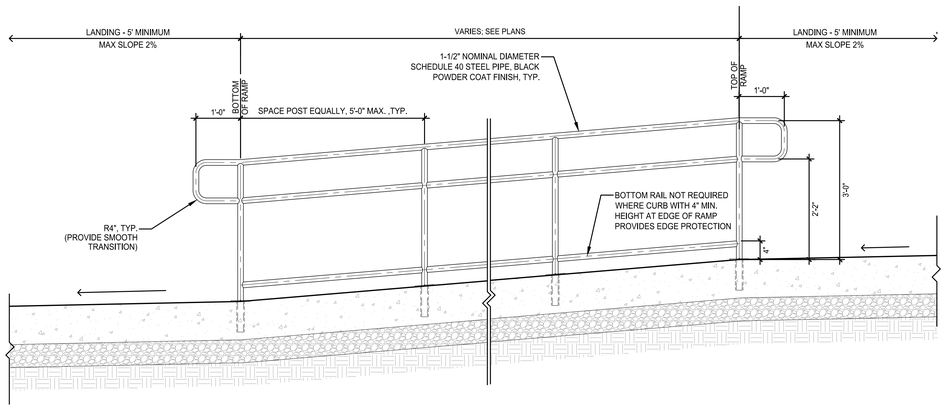
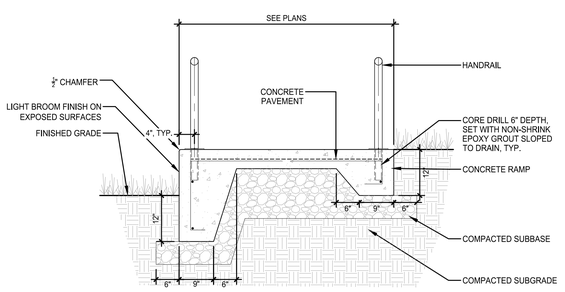


A. RAMP PROFILE VIEW



EXPOSED EDGE CONDITION

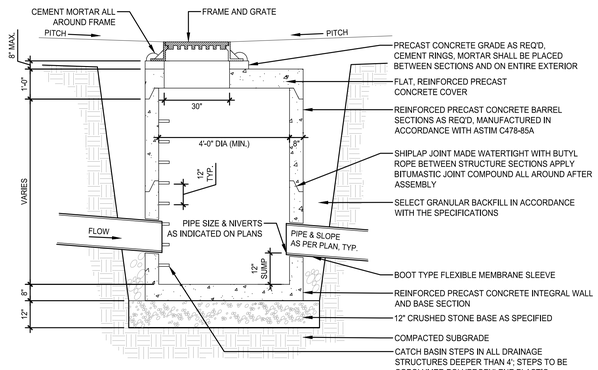
FLUSH EDGE CONDITION

RAMP NOTES:

1. RAMP SHALL NOT EXCEED 1:12 / 8.3% SLOPE.
2. ALL STEEL MEMBERS SHALL BE STAINLESS STEEL PIPE, POWDER COATED BLACK FINISH.
3. FOR CONTINUOUS SPANS IN EXCESS OF 30-FEET, EXPANSION JOINTS SHALL BE PROVIDED; ALL EXPANSION JOINTS SHALL BE A MINIMUM OF 12-INCH FROM RAIL POST.
4. PROVIDE ¼" DIAMETER WEEPS ON THE UNDERSIDE OF THE RAIL, 12-INCHES OFFSET FROM EACH SIDE OF RAIL POST, AT BOTTOM OF POST, 1" ABOVE SURFACE, 1 SIDE.
5. RAMP AND HANDRAILS SHALL MEET ALL APPLICABLE AMERICAN DISABILITIES ACT (ADA) CRITERIA
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO RAIL FABRICATION.

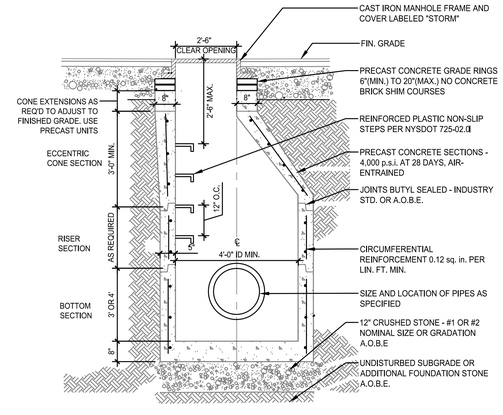
1 CONCRETE RAMP

Scale: NTS



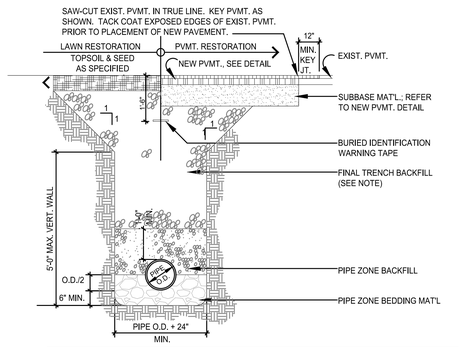
2 CATCH BASIN

Scale: NTS



3 STORMWATER MANHOLE

Scale: NTS

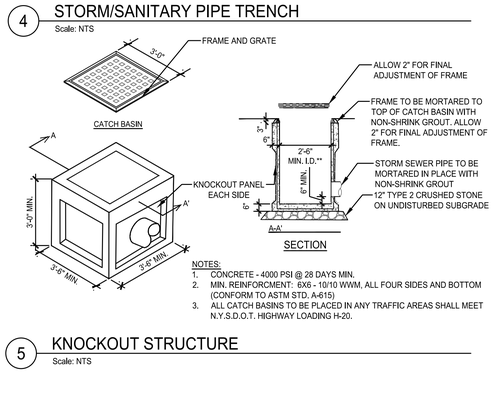


ITEM	DEPTH	MATERIAL	NYSDOT SIZE	METHOD OF PLACEMENT
PIPE ZONE BEDDING	6" MIN. + PIPE O.D./2	CRUSHED AGGREGATE	1 & 2	MECHANICAL COMPACTION
PIPE ZONE BACKFILL	12" MIN. COVER	CRUSHED AGGREGATE	1 & 2	MECHANICAL COMPACTION
FINAL TRENCH BACKFILL	VARIES	SEE NOTES	SEE NOTE	MECHANICAL COMPACTION

NOTES:
1. FINAL TRENCH BACKFILL
   1.a. IN NON-PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE EXCAVATED MATERIAL WHEN DETERMINED SUITABLE BY THE ENGINEER OF RECORD; OTHERWISE IT SHALL BE STRUCTURAL FILL.
   1.b. IN PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE STRUCTURAL FILL.

4 STORM/SANITARY PIPE TRENCH

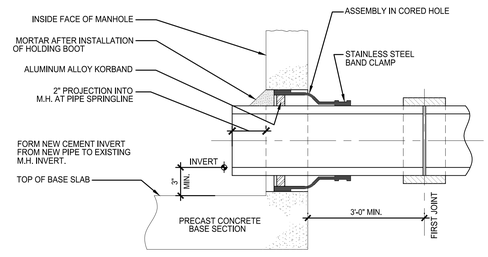
Scale: NTS



NOTES:
1. CONCRETE - 4000 PSI @ 28 DAYS MIN.
2. MIN. REINFORCMENT: 6X6 - 10/10 WWM, ALL FOUR SIDES AND BOTTOM (CONFORM TO ASTM STD. A-615)
3. ALL CATCH BASINS TO BE PLACED IN ANY TRAFFIC AREAS SHALL MEET N.Y.S.D.O.T. HIGHWAY LOADING H-20.

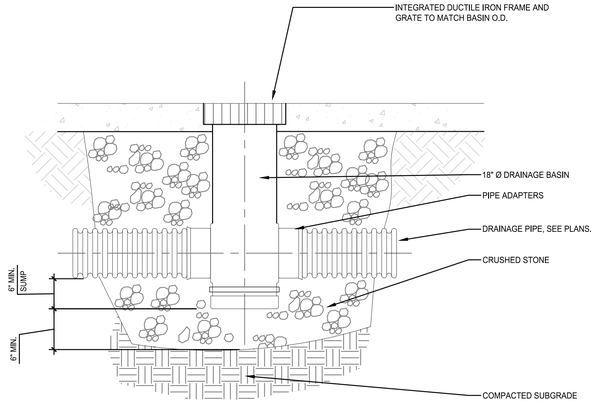
5 KNOCKOUT STRUCTURE

Scale: NTS



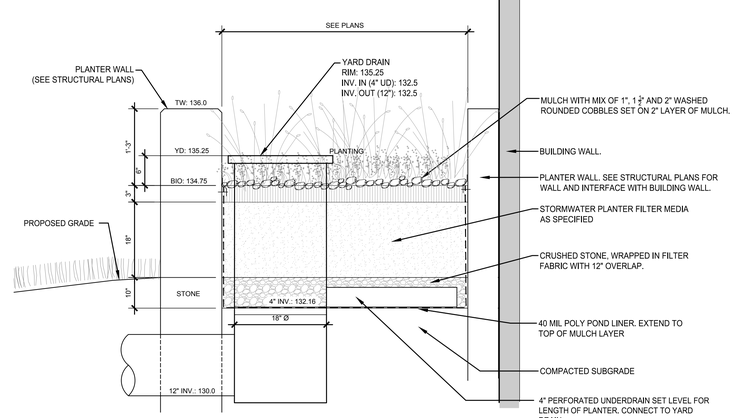
6 CONNECTION TO EXISTING STORM WATER

Scale: NTS



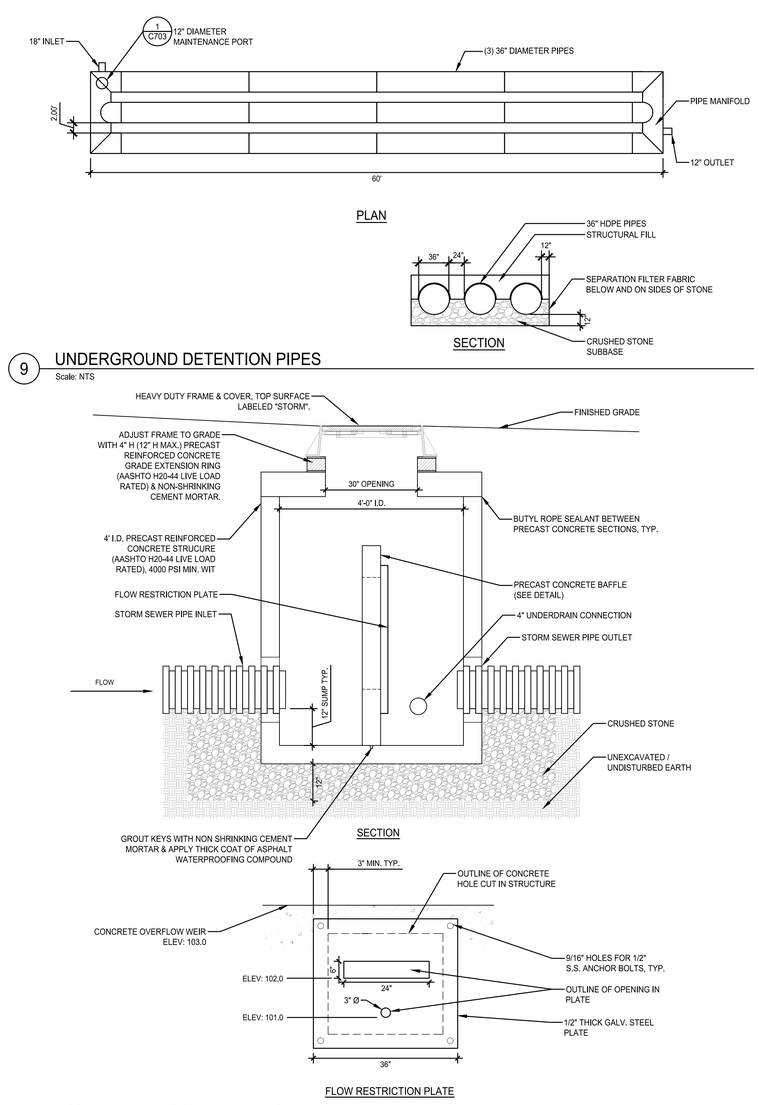
7 YARD DRAIN

Scale: NTS



8 STORMWATER PLANTER

Scale: NTS



9 UNDERGROUND DETENTION PIPES

Scale: NTS

FLOW RESTRICTION PLATE

10 OUTLET CONTROL STRUCTURE

Scale: NTS

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SITE & UTILITY DETAILS

C702

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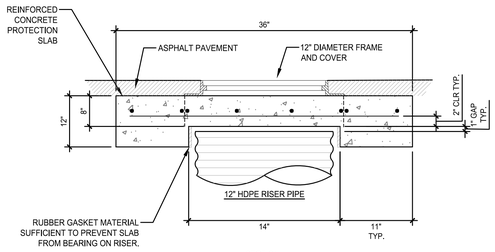

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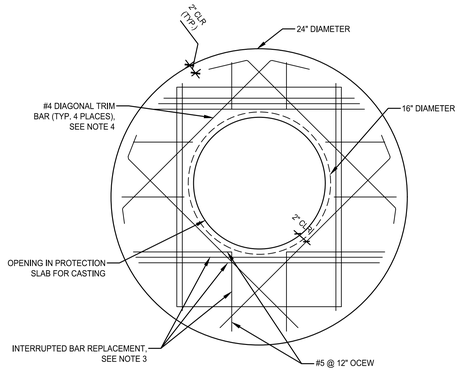


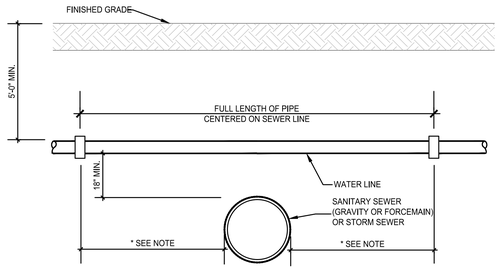
PLAN

NOTES:

1. CONCRETE STRENGTH = 4,000 PSI
2. REINFORCING STEEL - ASTM A615, GRADE 60, DEFORMED.
3. PROVIDED ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED. HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
4. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
5. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

1 MAINTENANCE PORT

Scale: NTS



NOTES:

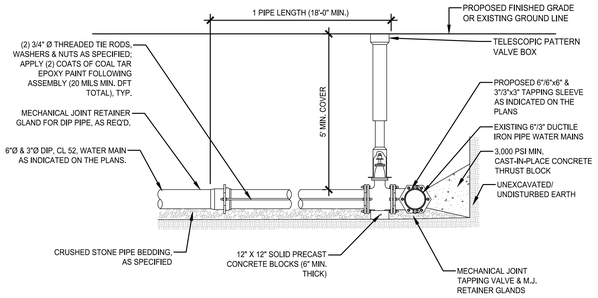
1. WHEN INSTALLED PARALLEL, ALL WATER AND SEWER LINES SHALL HAVE A MINIMUM SEPARATION OF 10', EDGE TO EDGE. IF MINIMUM CANNOT BE MAIN- TAINED, WATER MAIN SHALL BE IN SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF TO ONE SIDE OF SEWER, WITH BOTTOM OF WATER MAIN 18" MINIMUM ABOVE TOP OF SEWER PIPE. WHEN CROSSING, MAINS SHALL BE INSTALLED TO INSURE 18" MINIMUM VERTICAL SEPARATION BETWEEN PIPES, OUTSIDE TO OUTSIDE. WHERE WATER MAIN IS UNDERNEATH SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO WATER MAIN. WHEN IT IS IMPOSSIBLE TO PROVIDE THE ABOVE MINIMUMS, THE SEWER SHALL BE DESIGNED AND CONSTRUCTED EQUAL TO WATER PIPE, AND SHALL BE PRESSURE TESTED TO ASSURE WATERTIGHTNESS PRIOR TO BACKFILLING.

2. PARALLEL INSTALLATION
   - 2.1. WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED GRAVITY SANITARY OR STORM SEWER, SEPTIC TANK, OR SUBSOIL TREATMENT SYSTEM. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE.
   - 2.2. IN CASES WHERE IT IS NOT PRACTICAL TO MAINTAIN A 10 FOOT SEPARATION, REVIEWING AUTHORITY MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS, IF SUPPORTED BY DATA FROM THE DESIGN ENGINEER.

3. CROSSINGS
   - 3.1. WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE WATER MAIN IS EITHER ABOVE OR BELOW THE SEWER WITH PREFERENCE TO THE WATER MAIN LOCATED ABOVE THE SEWER.
   - 3.2. AT CROSSINGS, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.

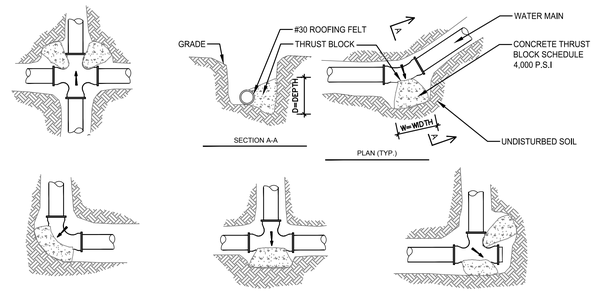
2 UTILITY CROSSING DETAIL

Scale: NTS



3 WATER SERVICE CONNECTION

Scale: NTS



NOTES:

1. FOR REQUIRED BEARING AREA AND DIMENSIONS L AND D, SEE SCHEDULE BELOW. VALUES OF L AND D OTHER THAN THOSE SHOWN IN THE TABLE MAY BE USED PROVIDED THEY YIELD A BEARING AREA EQUAL TO OR LARGER THAN THAT REQUIRED.
2. CONCRETE NOT TO OVERLAP ANY JOINT.
3. CONCRETE TO BE PLACED SO AS NOT TO INTERFERE WITH REMOVING OR INSTALLING ANY OF THE JOINTING HARDWARE.
5. APPROXIMATE VOLUME OF CONCRETE THRUST BLOCK:

$$V\pm = \frac{LD\,(W + I.D.) - I.D.}{81}$$

WHERE:

V = VOLUME IN CUBIC YARDS
L = LENGTH OF BLOCK IN FEET
D = DEPTH OF BLOCK IN FEET
W = WIDTH OF BLOCK IN FEET
I.D. = INSIDE DIAMETER OF PIPE IN FEET

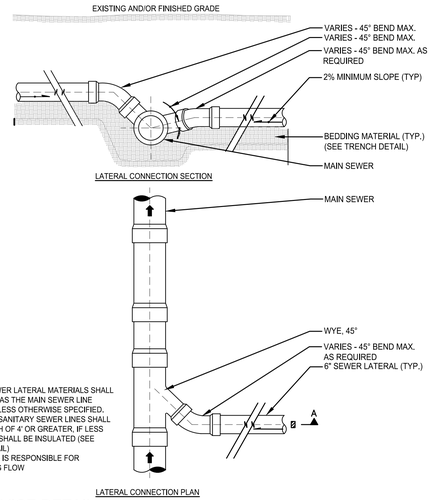
6. REQUIRED BEARING AREAS ARE BASED ON ALLOWABLE SOIL BEARING CAPACITY OF 2000 p.s.i. (MEDIUM CLAY) WITH A SAFETY FACTOR OF 1.7. PRESSURE OF FLUID FLOW IS BASED ON A 300' HEAD.
7. IN MUCK, PEAT OR RECENTLY PLACED FILL ALL THRUST SHALL BE RESISTED BY PILES OR TIE RODS TO SOLID FOUNDATIONS, OR BY REMOVAL OF SUCH UNSTABLE MATERIAL AND REPLACEMENT WITH BALLAST OF SUFFICIENT STABILITY TO RESIST THRUSTS, ALL AS REQUIRED BY THE ENGINEER.

REQUIRED BEARING AREAS & DIMENSIONS FOR CONCRETE THRUST BLOCKS

	TEE		90° (1/4) BEND		45° (1/8) BEND		22-1/2" (1/16) BEND		11-1/4" (1/32) BEND	
PIPE SIZE INCHES	AREA SQ. FT.	DIMENSIONS D x L	AREA SQ. FT.	DIMENSIONS D x L	AREA SQ. FT.	DIMENSIONS D x L	AREA SQ. FT.	DIMENSIONS D x L	AREA SQ. FT.	DIMENSIONS D x L
6	3.2	1.5 x 2.5	4.5	2.0 x 2.5	2.4	1.5 x 2.0	1.2	1.0 x 1.5	0.6	0.5 x 1.5
8	5.7	2.0 x 3.0	8.0	2.0 x 4.0	4.3	2.0 x 2.5	2.2	1.5 x 1.5	1.1	1.0 x 1.5

4 THRUST BLOCK DETAIL

Scale: NTS

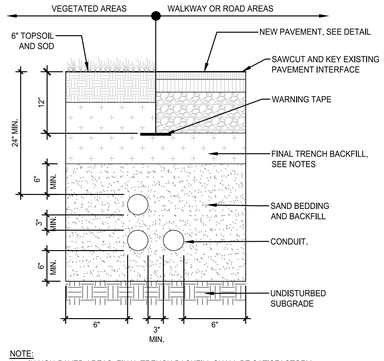


NOTES:

- BUILDING SEWER LATERAL MATERIALS SHALL BE THE SAME AS THE MAIN SEWER LINE MATERIAL UNLESS OTHERWISE SPECIFIED.
- ALL GRAVITY SANITARY SEWER LINES SHALL BE AT A DEPTH OF 4' OR GREATER, IF LESS THAN 4', LINE SHALL BE INSULATED (SEE TRENCH DETAIL)
- CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FLOW

5 SEWER SERVICE DETAIL

Scale: NTS

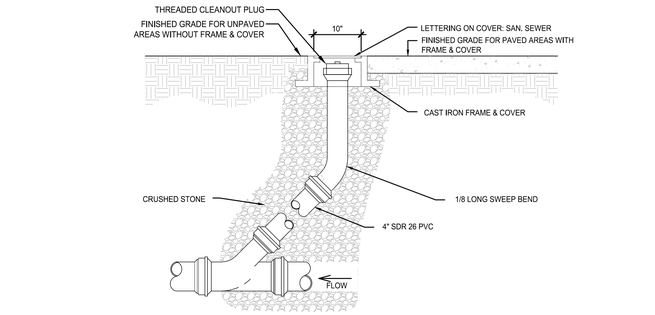


NOTE:

1. IN NON-PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE SATISFACTORY SOILS, OR EXCAVATED MATERIALS MEETING THE REQUIREMENTS OF SATISFACTORY SOILS.
2. IN PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE NYSDOT TYPE 2 COMPACTED TO 95%
3. ALL BEDDING, AND BACKFILL SHALL BE PLACED IN 6 INCH MAX. COMPACTED LIFTS, AND MECHANICALLY COMPACTED AS SPECIFIED.
4. EXCAVATION SHALL BE KEPT DRY AND DEWATERED AT ALL TIMES.

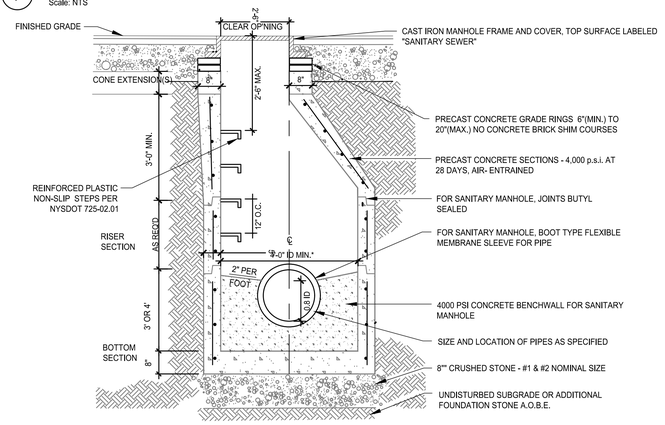
6 ELECTRIC SERVICE TRENCH

Scale: NTS



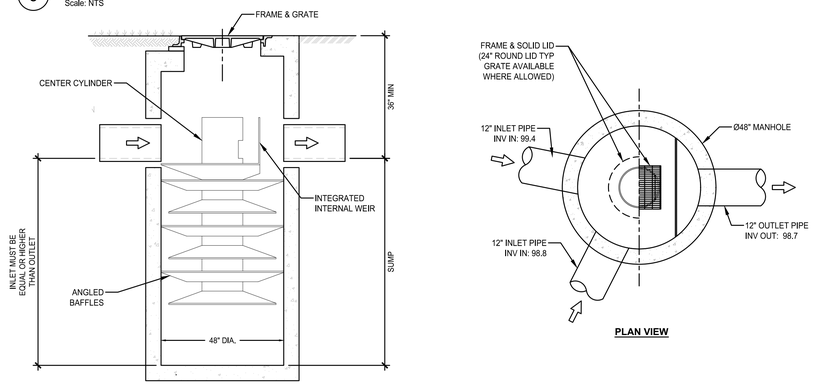
7 SANITARY SEWER/STORMWATER CLEANOUT

Scale: NTS



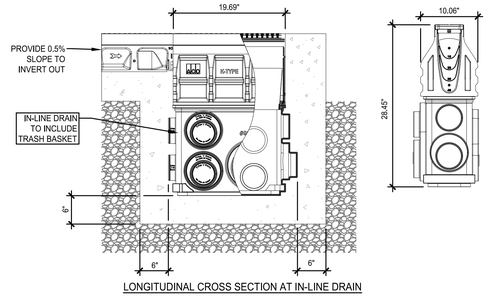
8 SANITARY MANHOLE

Scale: NTS



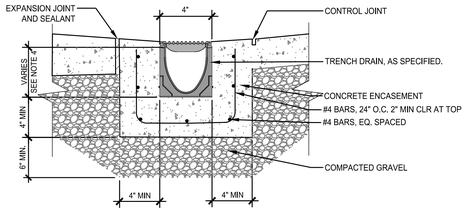
9 HYDRODYNAMIC SEPARATOR

Scale: NTS



10 TRENCH DRAIN- IN-LINE DRAIN

Scale: NTS



NOTES:

1. THE CHANNEL SHALL BE SET ¼" BELOW FINISH GRADE OF SURROUNDING CONCRETE.
2. PROVIDE 1" DEEP WITH ½" RADIUS TOOLED CONTROL JOINT IN CONCRETE AT EVERY OTHER TRENCH DRAIN SECTION .
3. PROTECT EXPOSED TRENCH DRAIN SURFACES FROM CONCRETE SPLATTER AND DEBRIS.
4. TRENCH DRAIN SHALL SLOPE INTERNALLY AT 0.5% LONGITUDINALLY TOWARDS THE INLINE DRAIN.

11 TRENCH DRAIN

Scale: NTS

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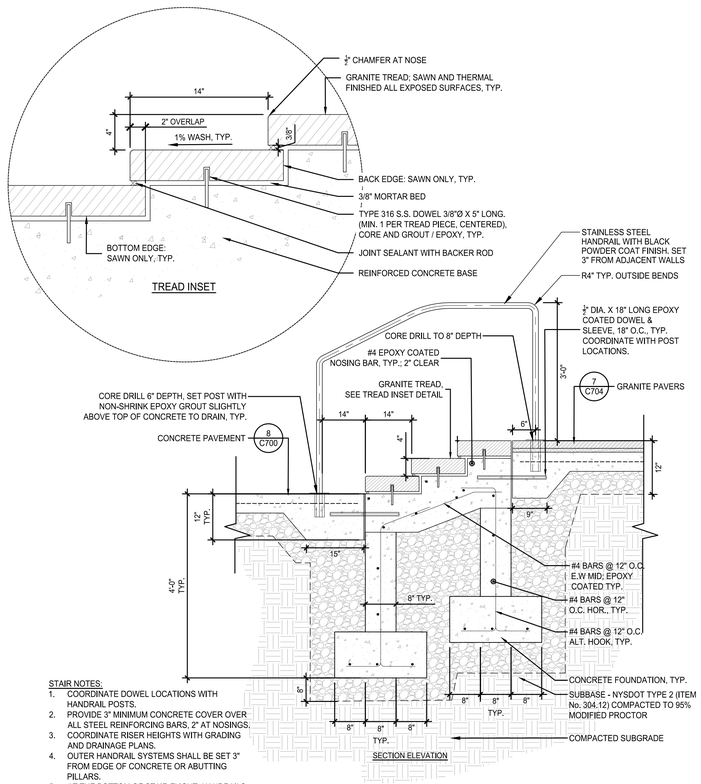
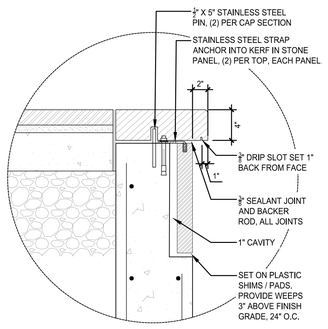
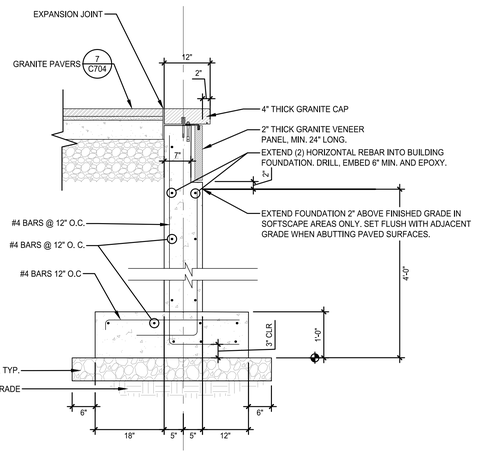


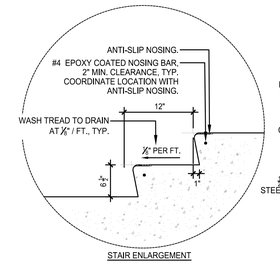
STAIR NOTES:
1. COORDINATE DOWEL LOCATIONS WITH HANDRAIL POSTS.
2. PROVIDE 3" MINIMUM CONCRETE COVER OVER ALL STEEL REINFORCING BARS, 2" AT NOSINGS.
3. COORDINATE RISER HEIGHTS WITH GRADING AND DRAINAGE PLANS.
4. OUTER HANDRAIL SYSTEMS SHALL BE SET 3" FROM EDGE OF CONCRETE OR ABUTTING PILLARS.
5. AT THE BOTTOM OF STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING.

1 GRANITE STEPS
Scale: NTS

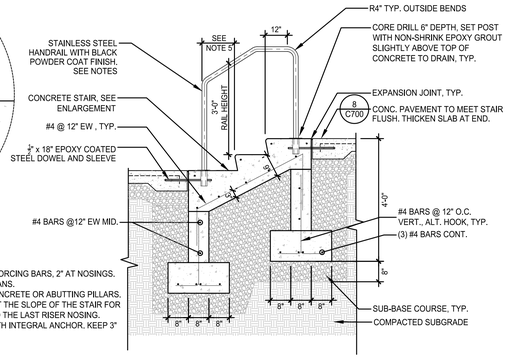




2 GRANITE VENEER WALL
Scale: NTS

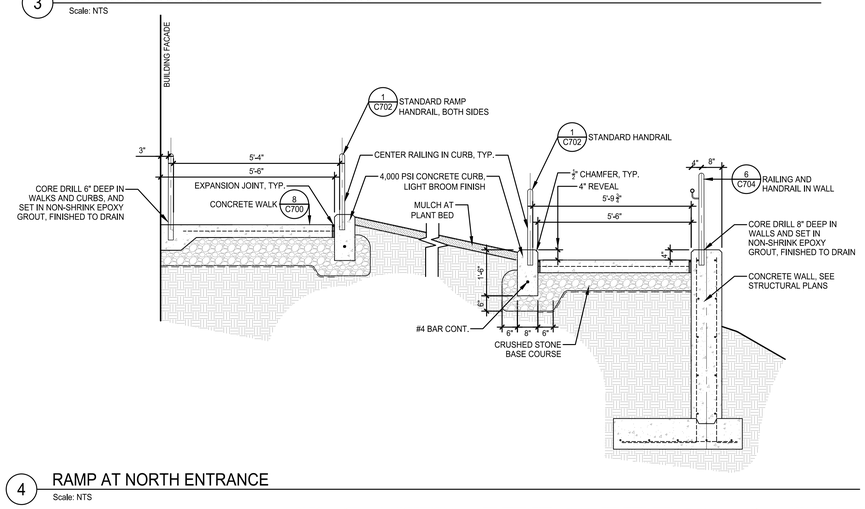


STAIR ENLARGEMENT



STAIR NOTES:
1. COORDINATE DOWEL LOCATIONS WITH HANDRAIL POSTS.
2. PROVIDE 3" MINIMUM CONCRETE COVER OVER ALL STEEL REINFORCING BARS, 2" AT NOSINGS.
3. COORDINATE RISER HEIGHTS WITH GRADING AND DRAINAGE PLANS.
4. OUTER HANDRAIL SYSTEMS SHALL BE SET 3" FROM EDGE OF CONCRETE OR ABUTTING PILLARS.
5. AT THE BOTTOM OF STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING.
6. PROVIDE SUPERGRIT ANTI-SLIP NOSING ON TREADS, 3" WIDE WITH INTEGRAL ANCHOR. KEEP 3" CLEAR FROM ENDS OF STAIR TREAD.

3 CONCRETE STEPS AT FRONT ENTRANCE
Scale: NTS

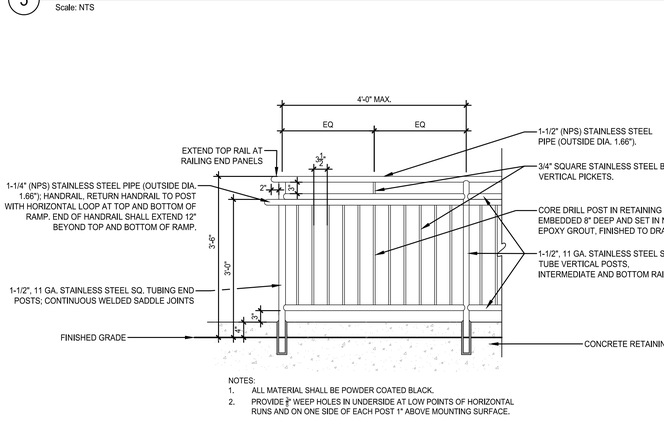


4 RAMP AT NORTH ENTRANCE
Scale: NTS



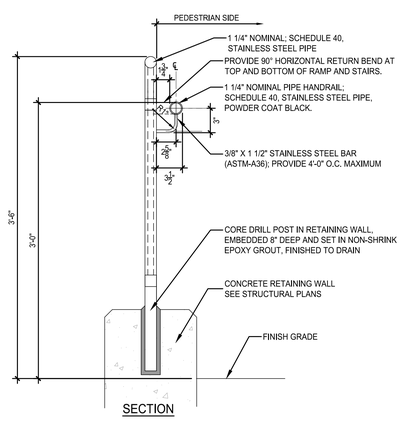
NOTES:
1. REPAIR AND REFURBISH IRON RAILING TO LIKE NEW CONDITION. SANDBLAST, STRIP ALL PAINT, AND REPAIR ALL RUSTED/DAMAGED AREAS. REFURBISHED RAILING SHALL BE HOT-DIP GALVANIZED AND PAINTED BLACK WITH 2 PART POLYURETHANE PAINT. SEE SPECS FOR MORE INFORMATION.
2. **ON SOUTH RAILING ONLY** - REMOVE CENTER PANEL, RETAINING POSTS TO ACCOMMODATE NEW ACCESSIBLE RAMP. SEE PLANS. REPAIR / RE-FINISH FORMER PANEL CONNECTION POINTS AT POSTS. PROVIDE FINIALS AT TOP OF POSTS TO MATCH EXISTING.
3. PROVIDE SHOP DRAWINGS.

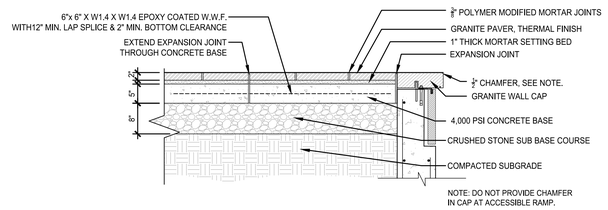
5 REFURBISHED RAILING
Scale: NTS



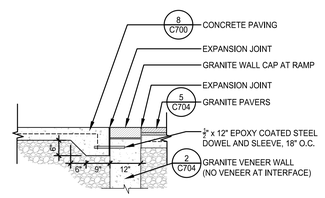
NOTES:
1. ALL MATERIAL SHALL BE POWDER COATED BLACK.
2. PROVIDE ¼" WEEP HOLES IN UNDERSIDE AT LOW POINTS OF HORIZONTAL RUNS AND ON ONE SIDE OF EACH POST 1" ABOVE MOUNTING SURFACE.

6 RAILING AND HANDRAIL
Scale: NTS





7 GRANITE PAVERS
Scale: NTS



8 GRANITE / CONCRETE INTERFACE AT RAMP
Scale: NTS

9 CONCRETE / BUILDING INTERFACE
Scale: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING ELEMENTARY SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

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QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS I CLARK DAVIS ENGINEERING & SURVEYING DPC
267 USHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE DETAILS

C704

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WKH 7DUU\WR

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ASBESTOS ABATEMENT NOTES

PRE-ABATEMENT WORK NOTES:

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ASBESTOS REMOVAL GENERAL NOTES:

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POST ABATEMENT WORK NOTES:

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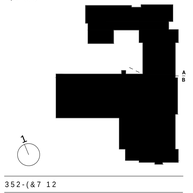

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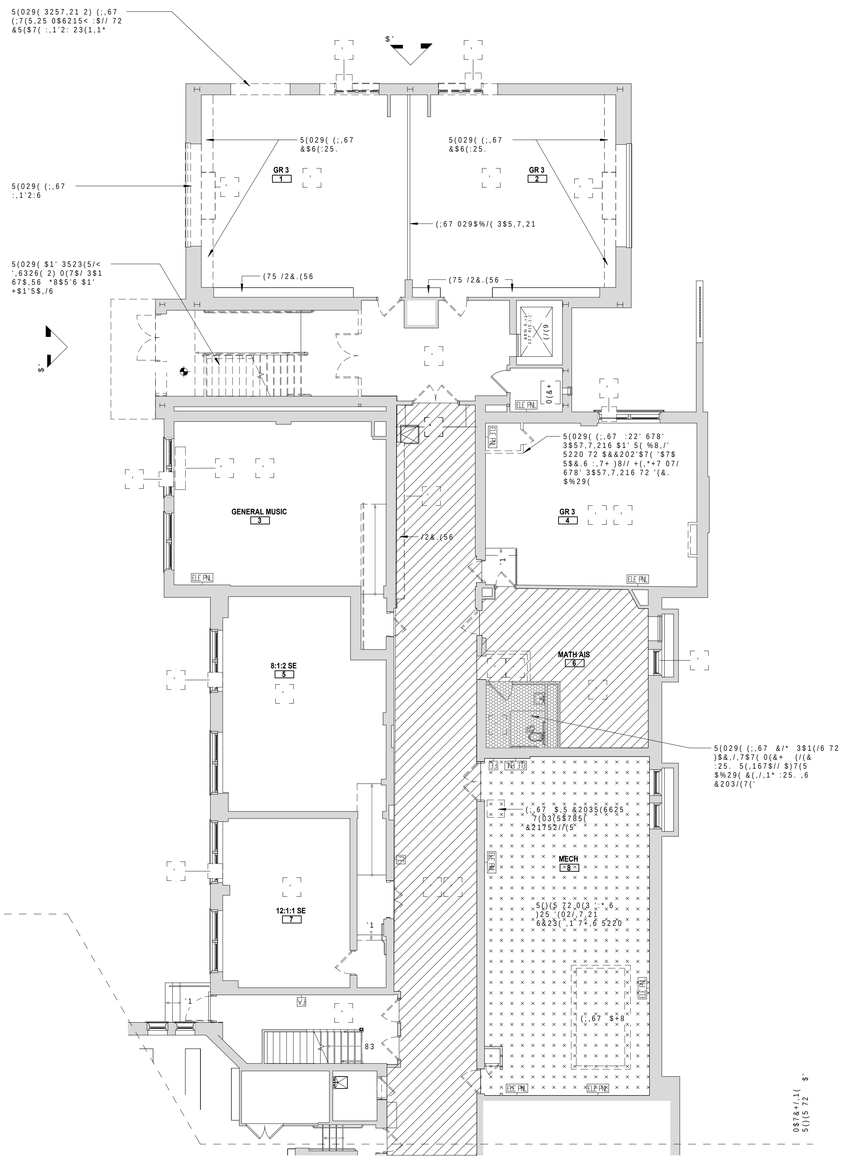

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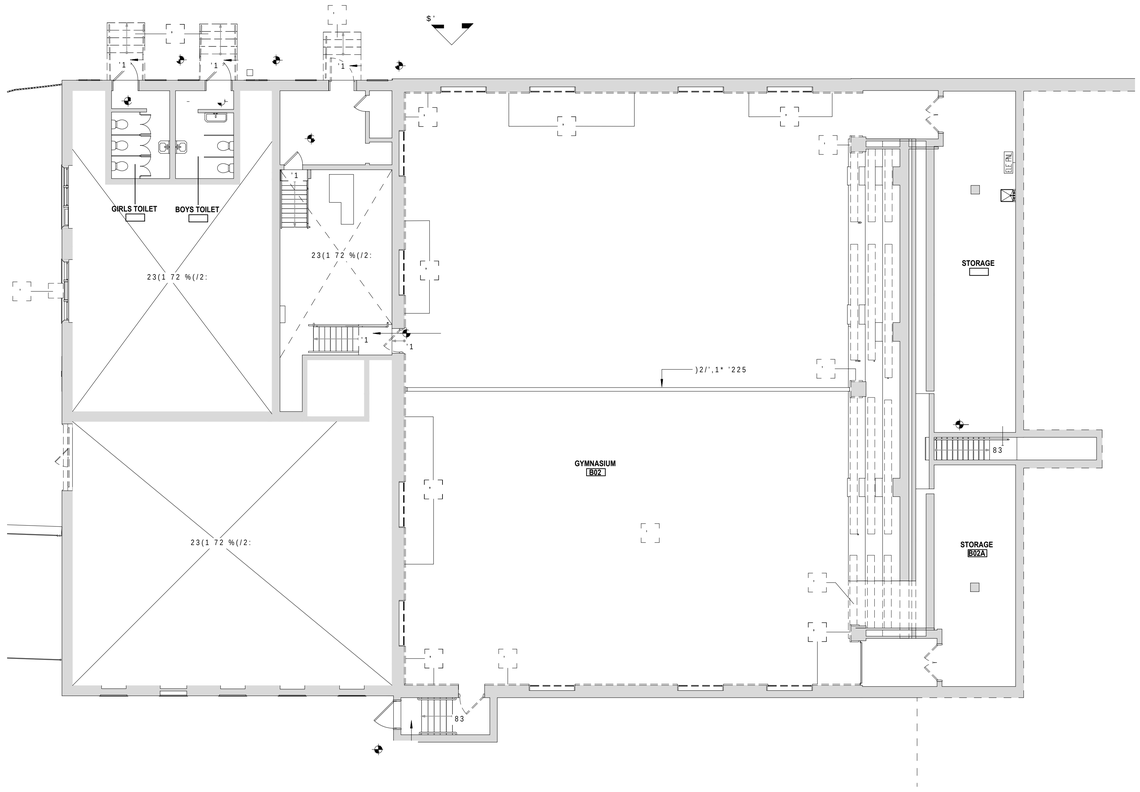

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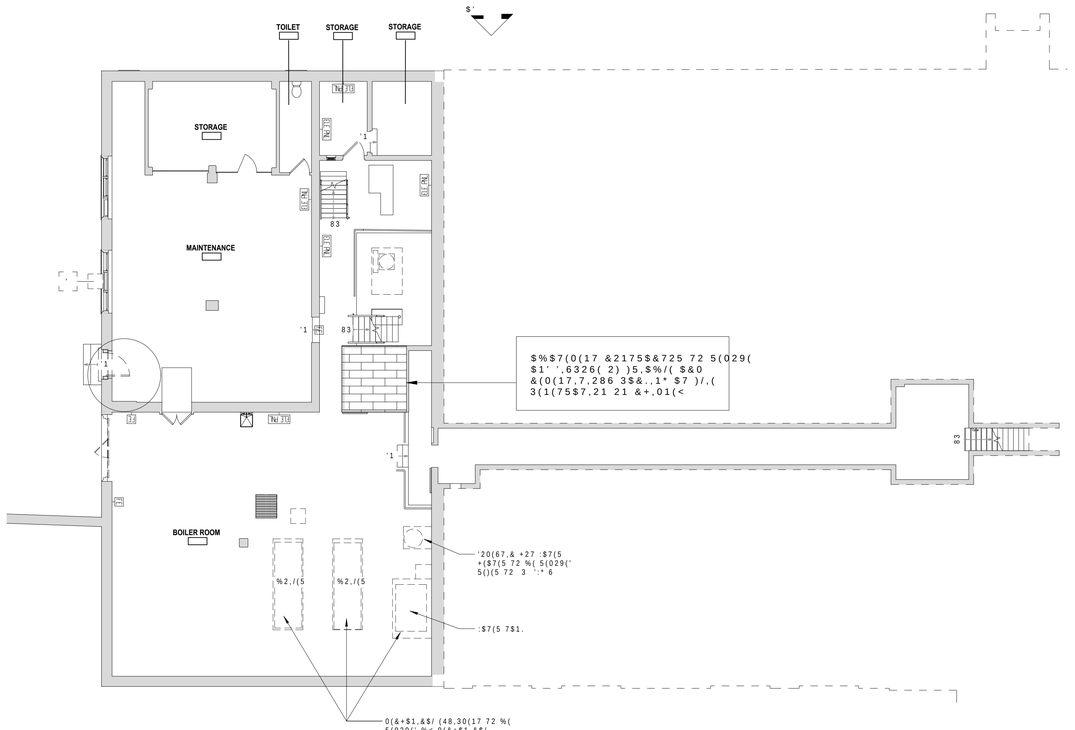

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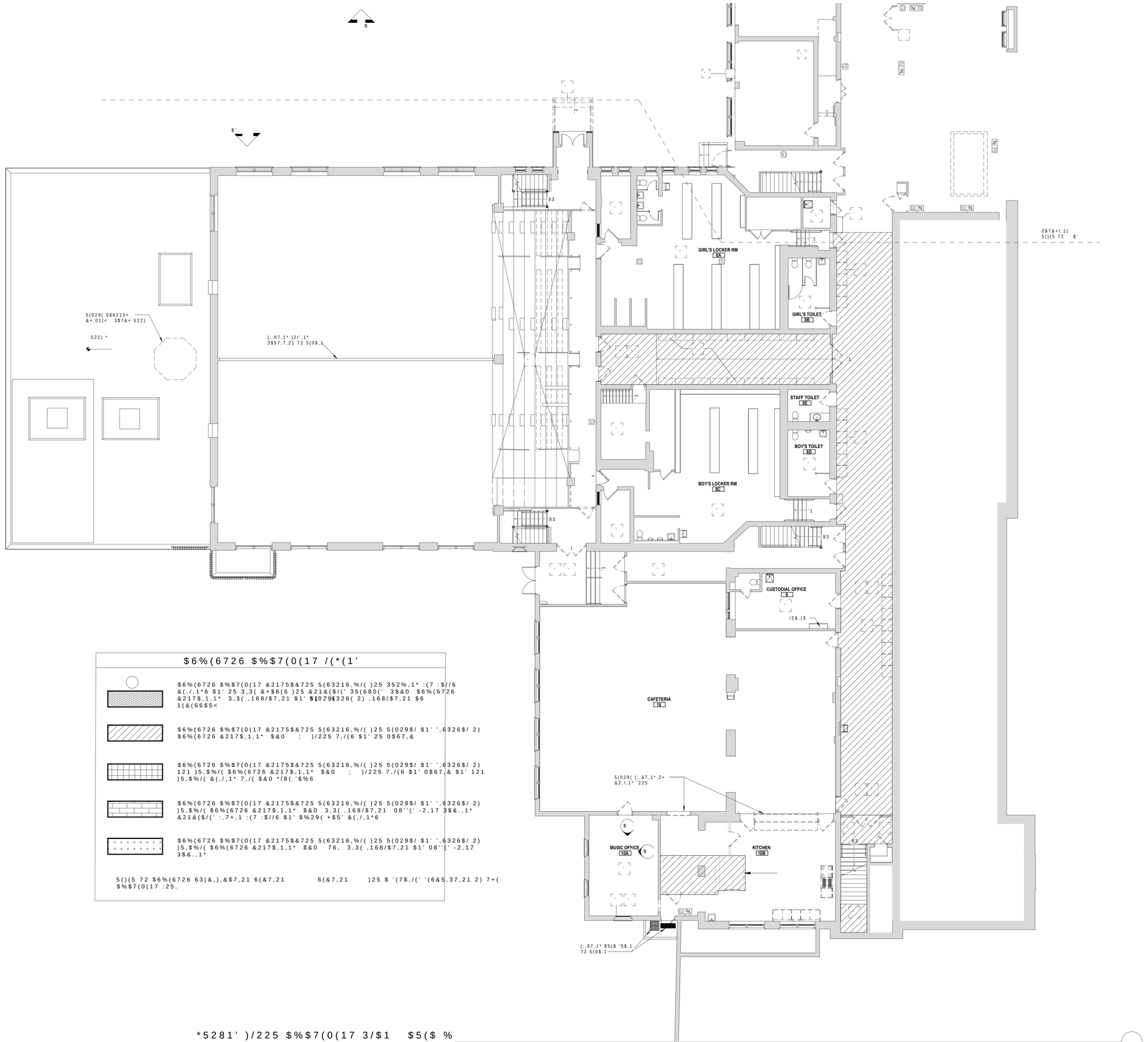

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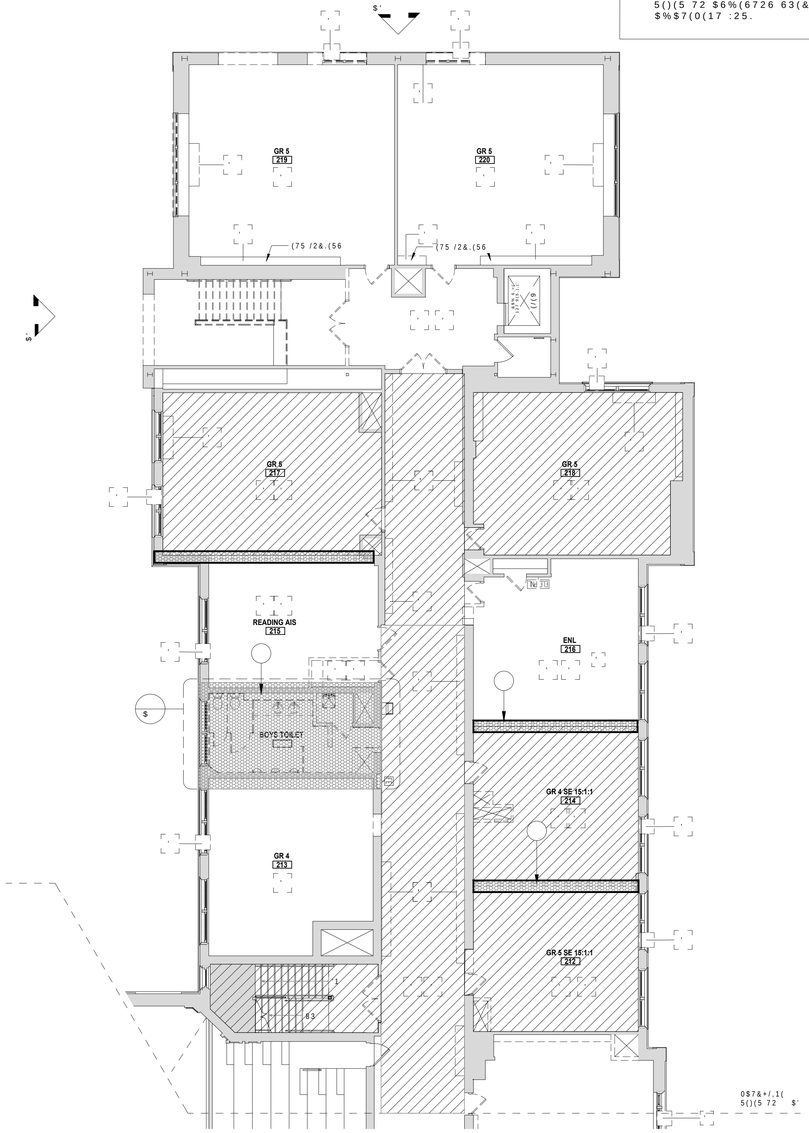

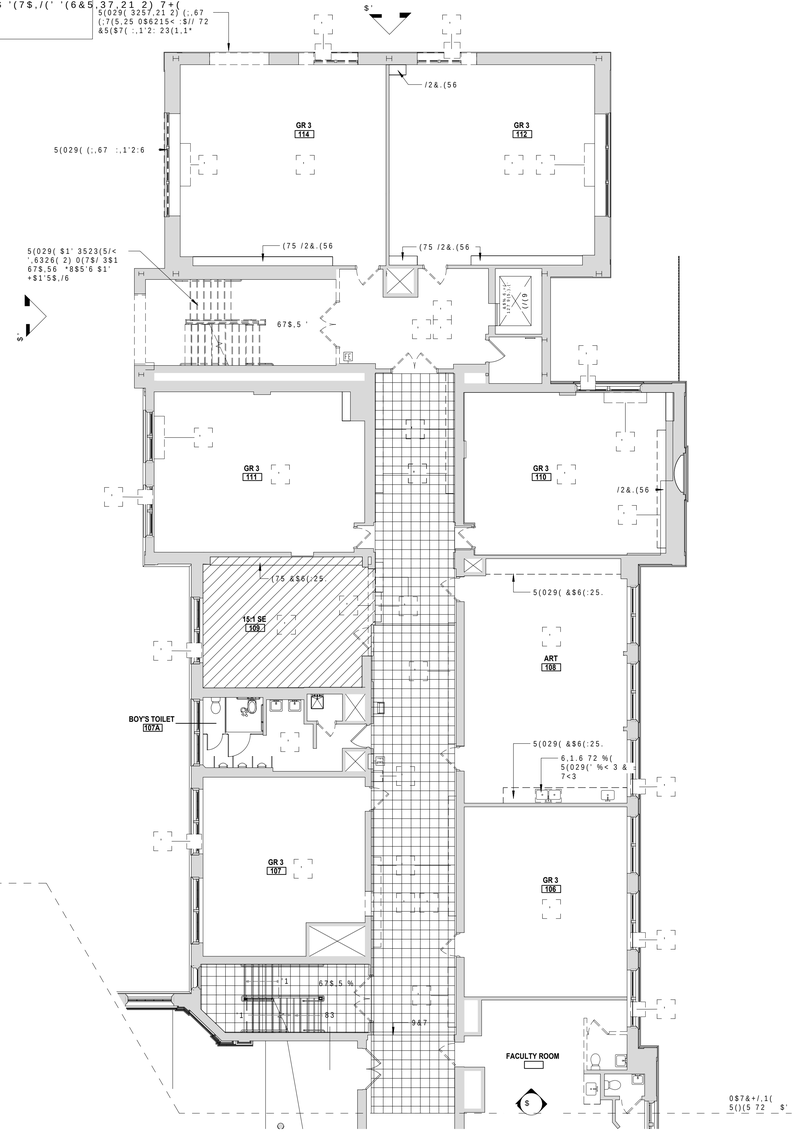

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SHEET NOTES

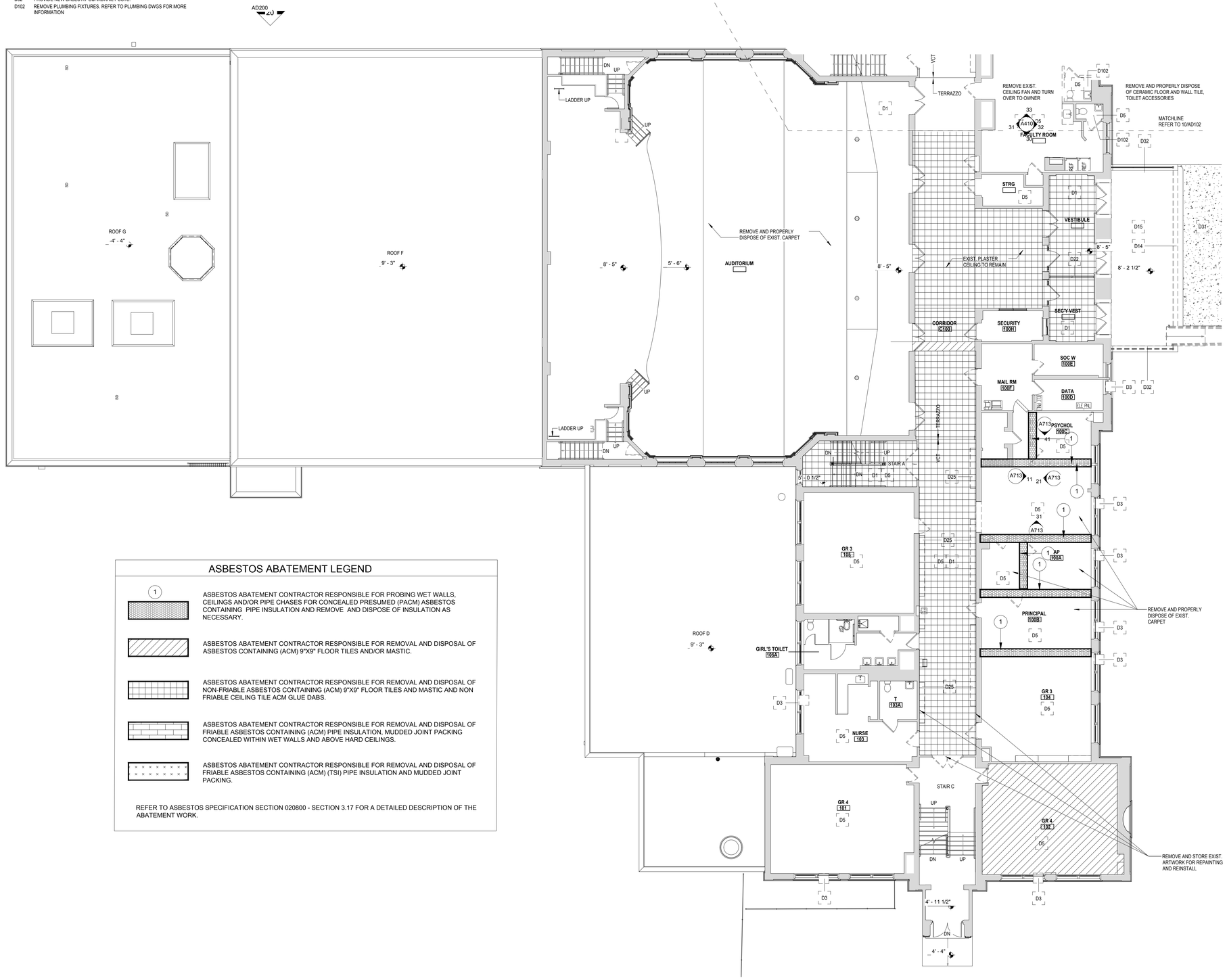
A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

H. **PRE-ABATEMENT WORK NOTES:**
THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES AND PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO THE COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL, AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

I. **POST-ABATEMENT WORK NOTES:**
1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.
2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.

KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT AND DEMO DRAWINGS.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D14 REMOVE EXISTING PRE-CAST CONCRETE STEPS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGE STEPS.
D15 REMOVE EXISTING FLAGSTONE PAVERS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGED PAVERS.
D22 REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY AND STORE FOR INSTALLATION TO ACCOMODATE NEW WORK
D25 REMOVE AND PROPERLY DISPOSE OF EXISTING METAL LOCKERS.
D31 REMOVE EXISTING CONCRETE PAVERS AND REPLACE WITH NEW.
D32 PROVIDE NEW BASES AT GUARDRAIL POSTS.
D102 REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION



ASBESTOS ABATEMENT LEGEND

1 ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING WET WALLS, CEILINGS AND/OR PIPE CHASES FOR CONCEALED PRESUMED (PACM) ASBESTOS CONTAINING PIPE INSULATION AND REMOVE AND DISPOSE OF INSULATION AS NECESSARY.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND/OR MASTIC.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND MASTIC AND NON FRIABLE CEILING TILE ACM GLUE DABS.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING (ACM) PIPE INSULATION, MUDDED JOINT PACKING CONCEALED WITHIN WET WALLS AND ABOVE HARD CEILINGS.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING (ACM) (TSI) PIPE INSULATION AND MUDDED JOINT PACKING.

REFER TO ASBESTOS SPECIFICATION SECTION 020800 - SECTION 3.17 FOR A DETAILED DESCRIPTION OF THE ABATEMENT WORK.

FIRST FLOOR ABATEMENT PLAN - AREA B

1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS I CLARK DAVIS ENGINEERING & SURVEYING DPC
257 USHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

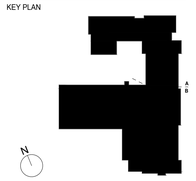
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

STATE OF NEW YORK
JONATHAN MICHAEL BIGGS
LICENSED PROFESSIONAL ENGINEER
067537
EXPIRATION DATE 11-30-2028

SEAL

DESIGN DEVELOPMENT	06/30/2025
ISSUED FOR PERMIT	10/31/2025
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

ABATEMENT PART PLAN - FIRST FLOOR AREA B

AA102-B

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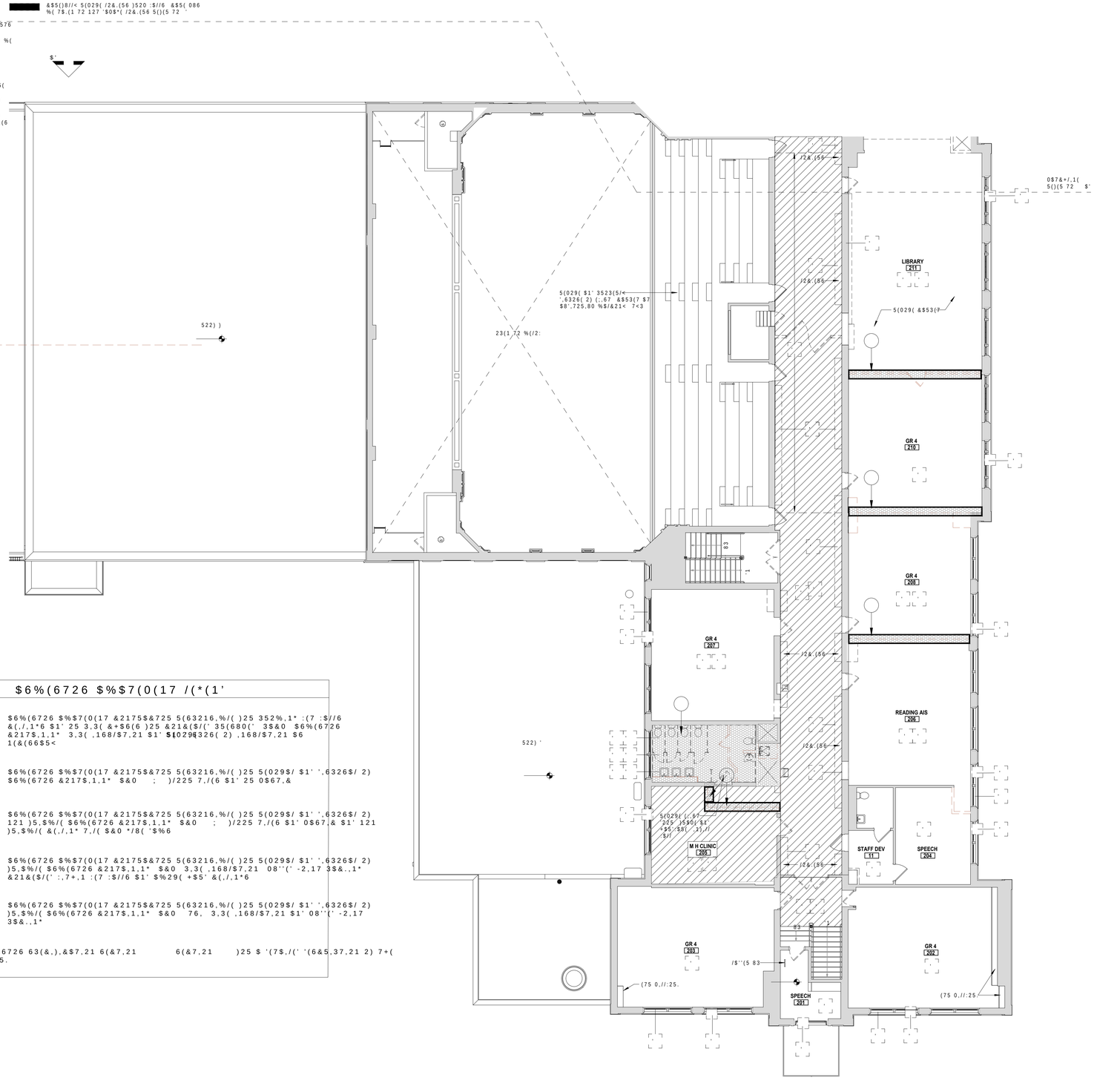

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STATE OF NEW YORK
JONATHAN NICHOLAS RUDD
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LICENSED PROFESSIONAL ENGINEER

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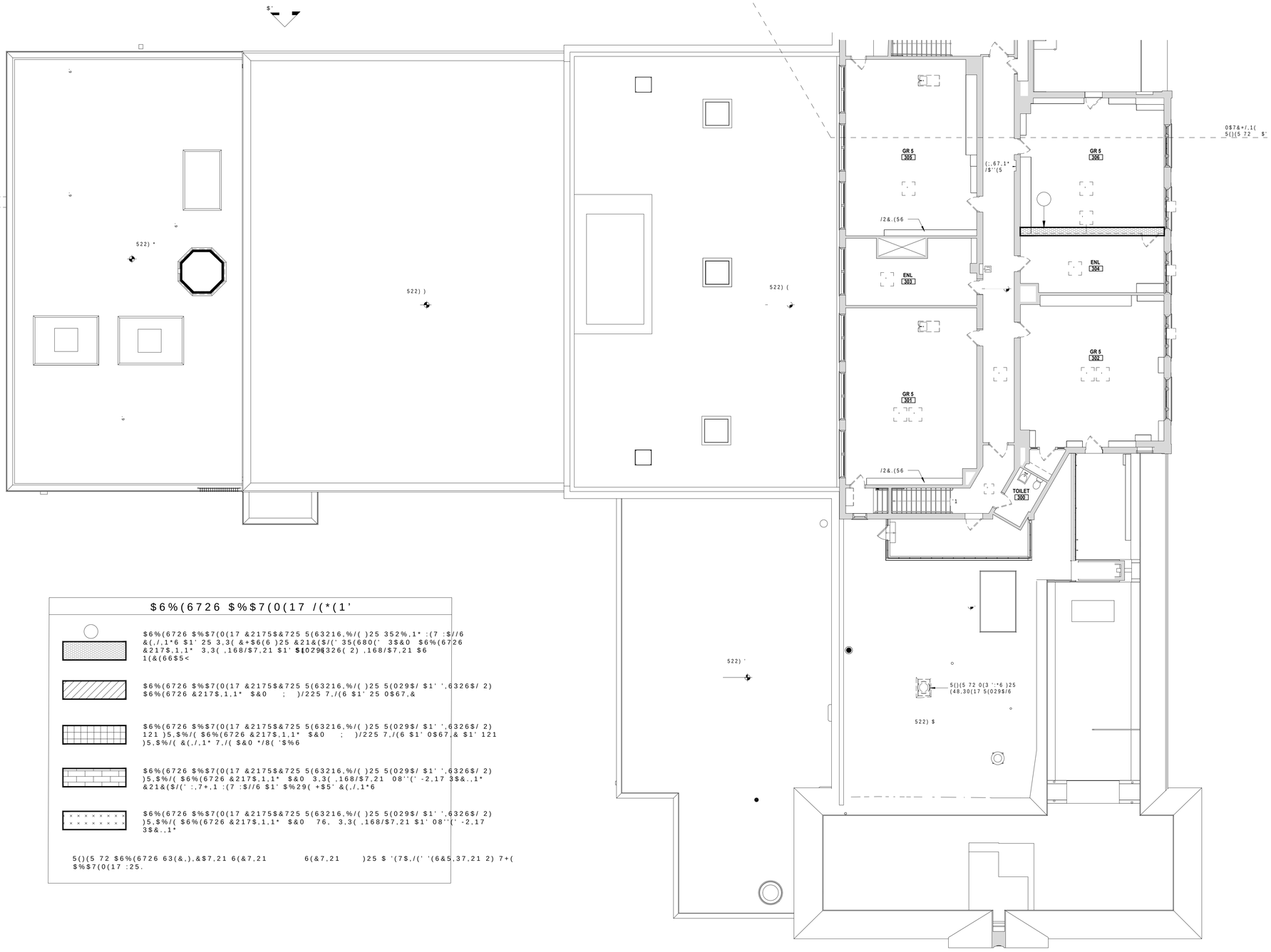

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

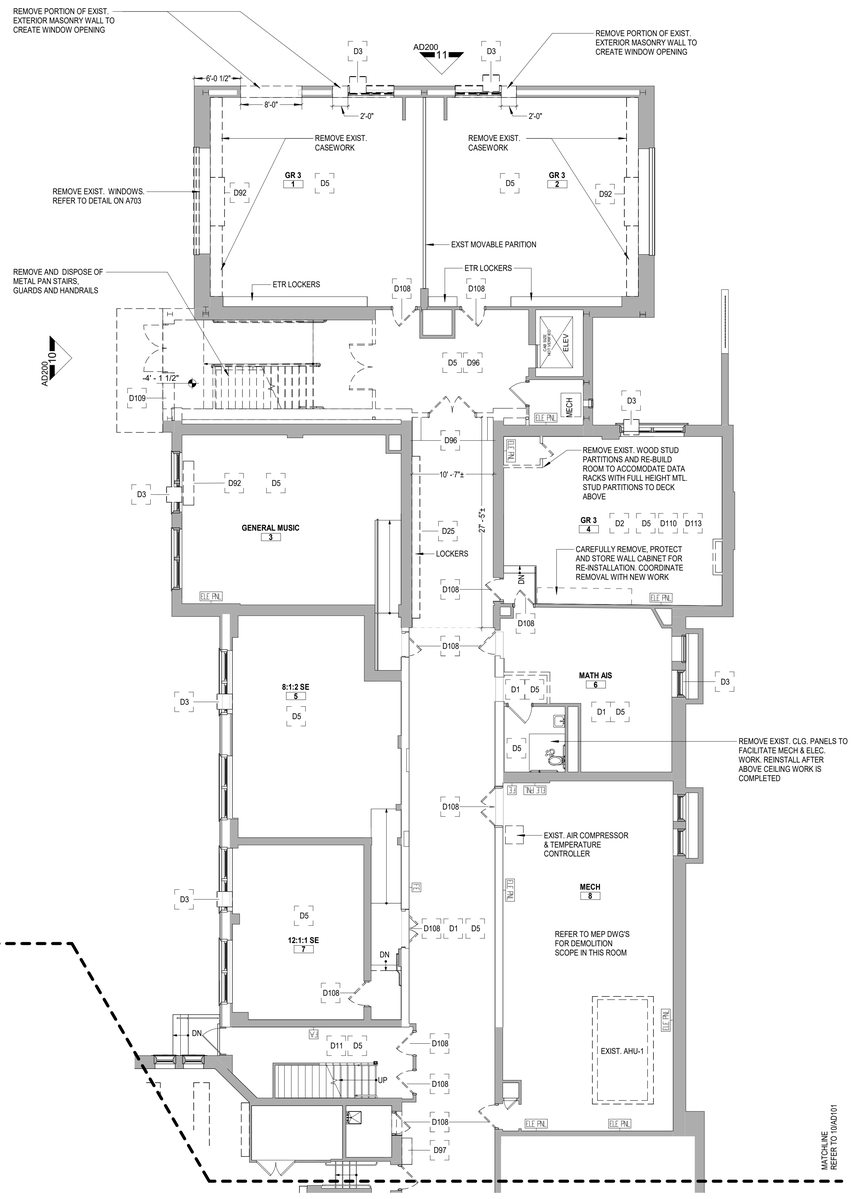
B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1	REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D11	(1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D19	REMOVE WALL PADS AND ALL ASSOCIATED SUPPORTS
D25	REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D79	REMOVE EXIST CONCRETE STAIR ASSEMBLY IN ITS ENTIRETY INCLUDING STAIR RAILING AND ALL ASSOCIATED SUPPORTS.
D92	MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.
D93	SAWCUT AND REMOVE PORTION OF CONCRETE BLEACHERS FOR EXTENT SHOWN, COORDINATE REMOVAL WITH NEW WORK
D96	REMOVE EXISTING WALL TILES AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.
D97	REMOVE ABANDONED CONCRETE LOCKER BASES DOWN TO CONCRETE FLOOR SLAB.
D107	BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108	ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109	CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D110	CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE
D112	REMOVE ALL EXISTING PLANK SEATING.
D113	REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

DEMOLITION LEGEND

- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



GROUND FLOOR DEMOLITION PLAN - AREA A

1/8" = 1'-0"

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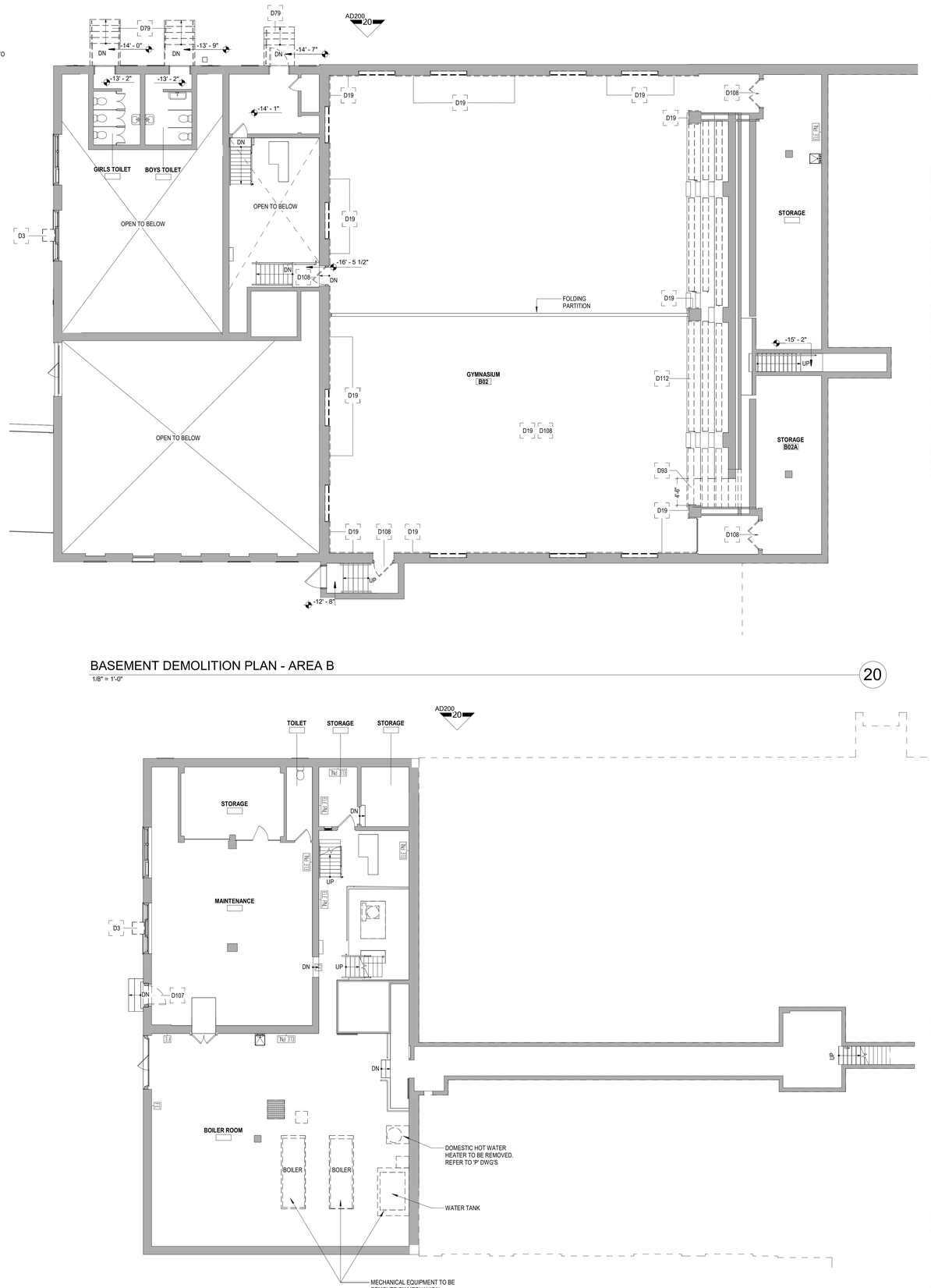

BASEMENT DEMOLITION PLAN - AREA B

1/8" = 1'-0"

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SUB-BASEMENT (BOILER ROOM) DEMOLITION PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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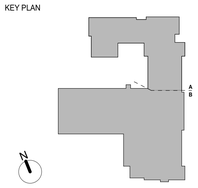
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLANS - SUB/BASEMENT - GROUND FLOOR AREA A AND B

AD100-AB

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.

D2 REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.

D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.

D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.

D11 (1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.

D26 REMOVE MUSICAL INSTRUMENT STORAGE LOCKERS AND TURN OVER TO OWNER. REINSTALL IN BASEMENT.

D79 REMOVE EXIST CONCRETE STAIR ASSEMBLY IN ITS ENTIRETY INCLUDING STAIR RAILING AND ALL ASSOCIATED SUPPORTS.

D82 REMOVE AND DISPOSE OF ALL EXISTING METAL LOCKERS AND LOCKER BASES IN THEIR ENTIRETY.

D83 EXISTING PARTITION WALL TO BE REMOVED IN THEIR ENTIRETY. REFER TO PLUMBING DWG'S FOR FIXTURE REMOVALS

D84 EXISTING SHOWER PARTITION TO BE REMOVED IN THEIR ENTIRETY.

D85 REMOVE EXISTING WIRE MESH WALL AND ALL ASSOCIATED SUPPORTS IN ITS ENTIRETY.

D86 REMOVE EXISTING WOOD STUD, PLYWOOD PARTITION AND DOOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED SUPPORTS.

D87 EXISTING DRINKING FOUNTAIN TO BE REMOVED AND PROTECTED FOR REINSTALLATION IN ITS EXISTING LOCATION.

D88 EXISTING STAIR RAILING TO BE REMOVED AND PROTECTED FOR REINSTALLATION IN ITS EXISTING LOCATION.

D97 REMOVE ABANDONED CONCRETE LOCKER BASES DOWN TO CONCRETE FLOOR SLAB.

D98 REMOVE EXISTING WOODEN ARENA BENCH SEATING.

D107 BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.

D108 ~~ADD ON NO. 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.~~

D114 REMOVE EXISTING NOTICE BOARD/TEACHING BOARD TO ALLOW FOR NEW WALL OPENING OR NEW WALL PARTITION. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

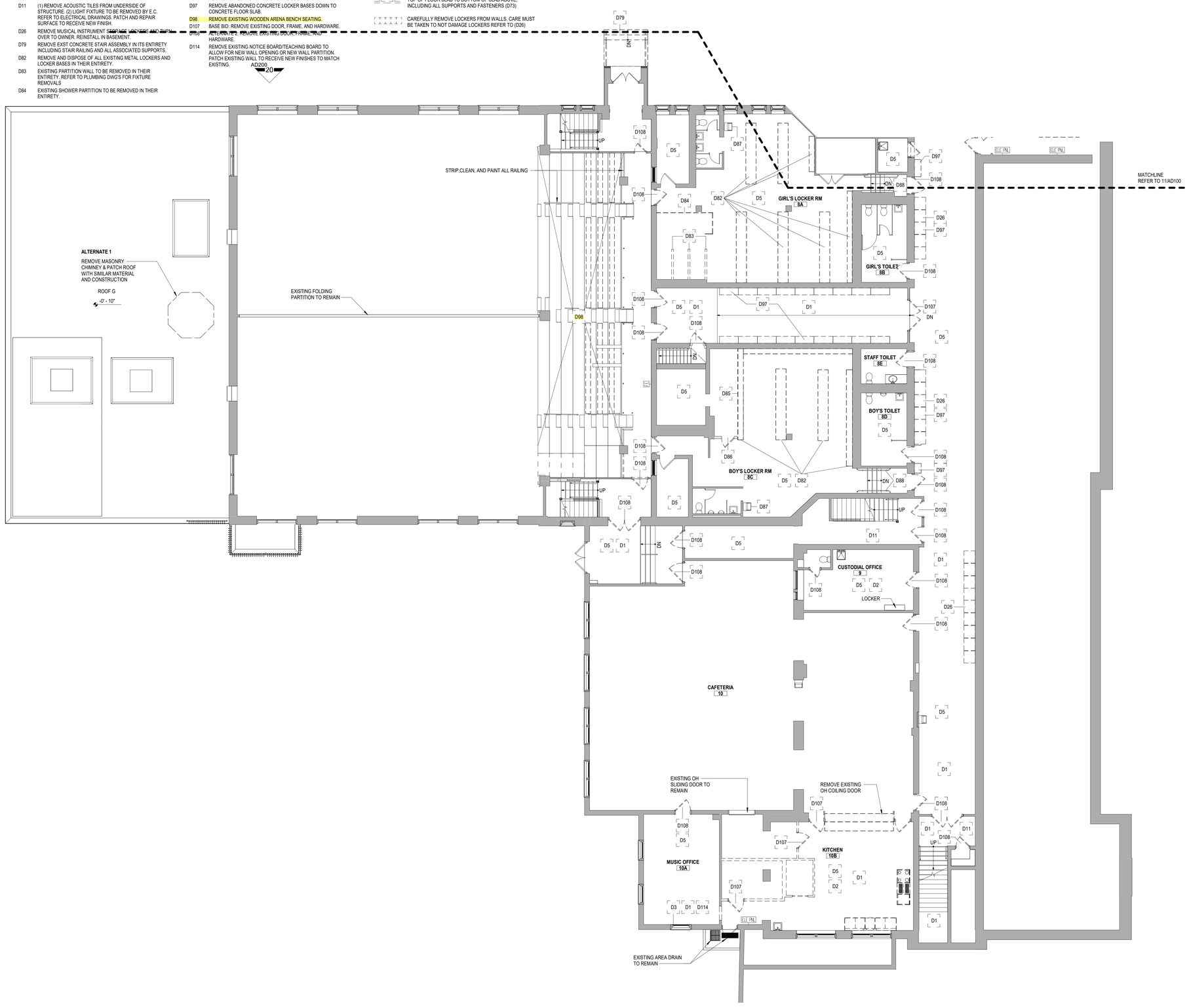
DEMOLITION LEGEND

REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE

REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)

REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)

CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



GROUND FLOOR DEMOLITION PLAN - AREA B

1/8" = 1'-0"

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Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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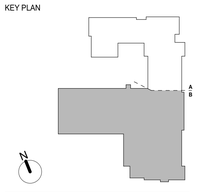
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

DEMOLITION PART PLAN - GROUND FLOOR AREA B

AD101-B

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D2 REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D7 REMOVE EXISTING BRICK AND GLASS BLOCK WALL FROM FLOOR TO LINTEL ABOVE.
D11 (1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D25 REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D26 REMOVE MUSICAL INSTRUMENT STORAGE LOCKERS AND TURN OVER TO OWNER. REINSTALL IN BASEMENT.
D66 REMOVE EXIST CASEWORK/SHELVING/BUILT-IN FURNISHINGS.
D70 NEATLY SAW CUT EXISTING MASONRY WALL ON COURSE WHERE POSSIBLE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS. PREP ADJACENT SURFACES FOR NEW HOLLOW METAL FRAME. (REFER TO 22/A700).
D92 MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.
D96 REMOVE EXISTING WALL TILES AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.
D101 REMOVE WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.
D102 REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION
D103 REMOVE EXISTING WALL TILE INCLUDING MORTAR AND SUBSTRATE
D107 BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108 ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109 CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D110 CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE
D111 REMOVE EXISTING FLOOR TILE AND ADHESIVE DOWN TO SUBSTRARTE. PREPARE SURFACES FOR NEW FINISH
D113 REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.
D114 REMOVE EXISTING NOTICE BOARD/TEACHING BOARD TO ALLOW FOR NEW WALL OPENING OR NEW WALL PARTITION. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

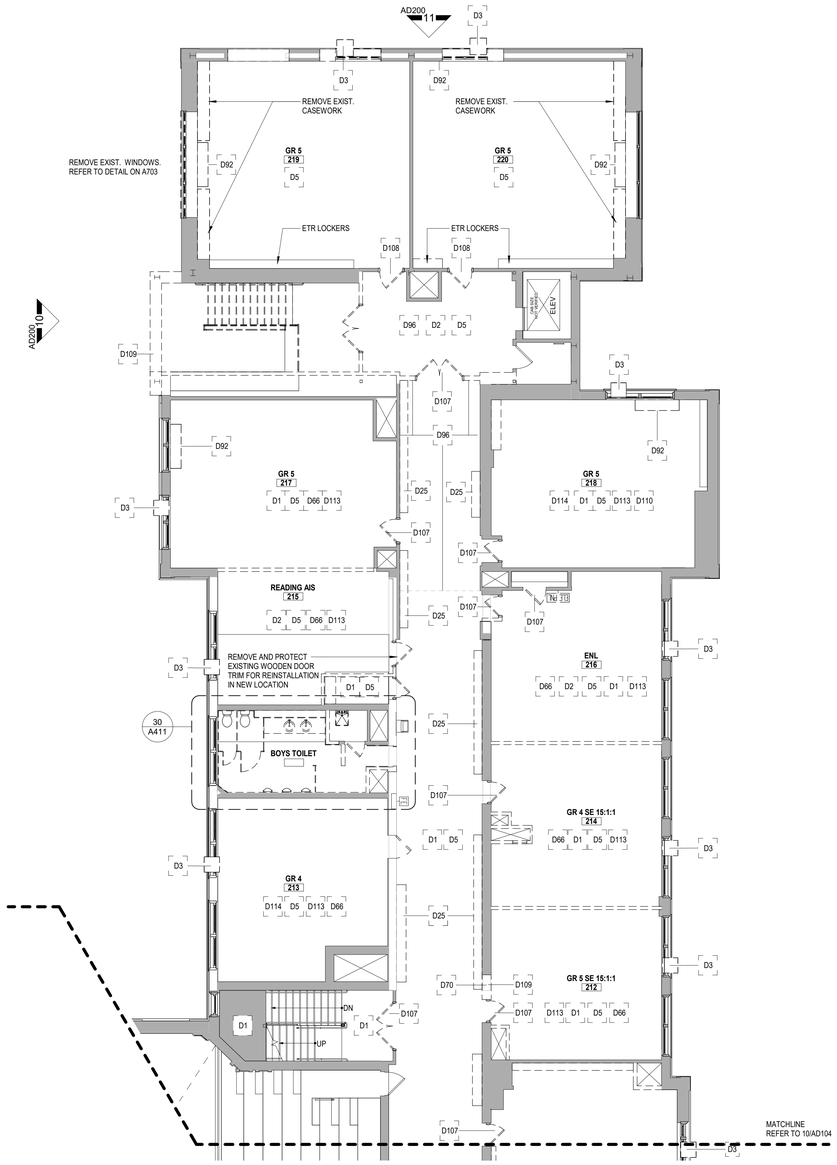
DEMOLITION LEGEND

REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE

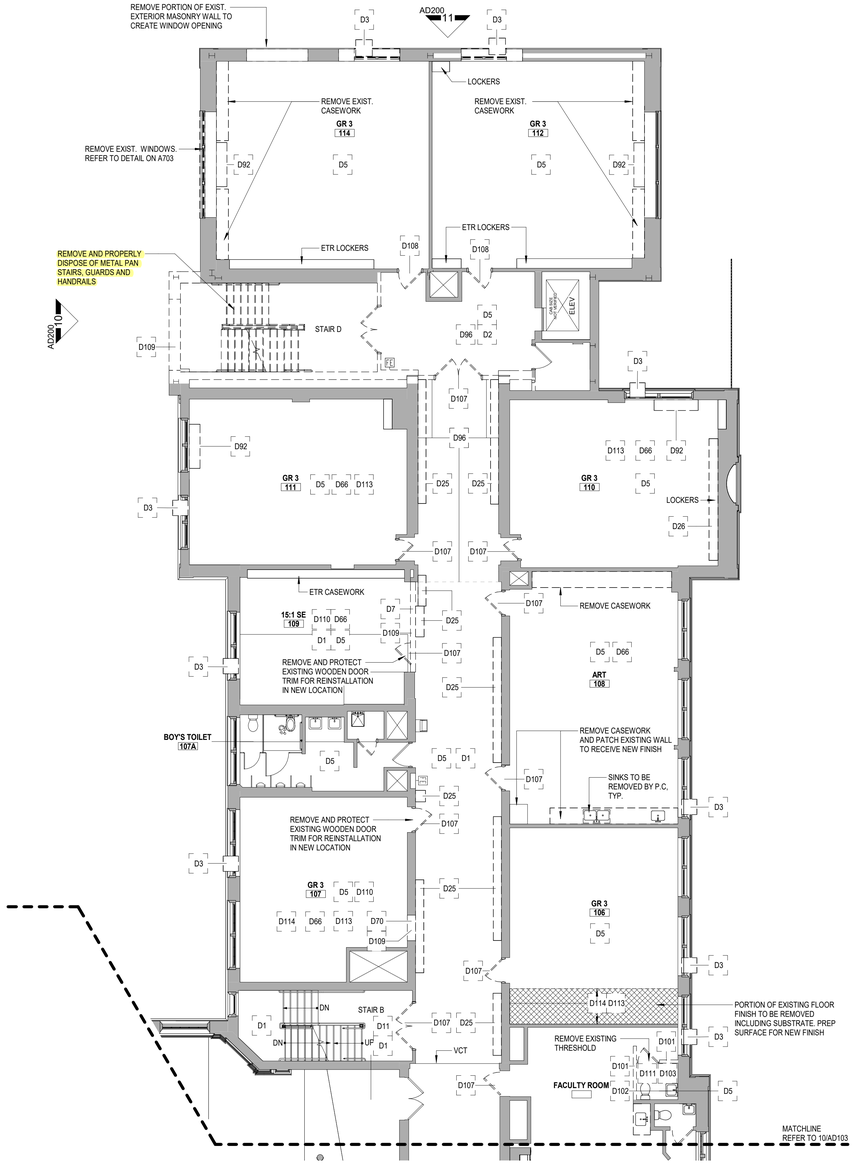
REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)

REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)

CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



SECOND FLOOR DEMOLITION - AREA A
1/8" = 1'-0"
11



FIRST FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"
10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUE	DATE
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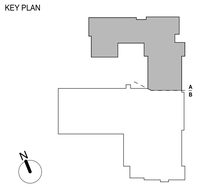
KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

DEMOLITION PART PLANS - FIRST AND SECOND FLOOR AREA A

AD102-A

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1	REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D11	(1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D14	REMOVE EXISTING PRE-CAST CONCRETE STEPS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGE STEPS.
D15	REMOVE EXISTING FLAGSTONE PAVERS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGED PAVERS.
D22	REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY AND STORE FOR INSTALLATION TO ACCOMODATE NEW WORK
D25	REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D31	REMOVE EXISTING CONCRETE PAVERS AND REPLACE WITH NEW.
D66	REMOVE EXST CASEWORK/SHELVING/BUILT-IN FURNISHINGS.
D70	NEATLY SAW CUT EXISTING MASONRY WALL ON COURSE WHERE POSSIBLE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS. PREP ADJACENT SURFACES FOR NEW HOLLOW METAL FRAME. (REFER TO 22/A700).
D89	REMOVE CHAIR RAIL AND WALL PROTECTION BELOW. PATCH AND REPAIR WALL TO PREPARE FOR NEW CONSTRUCTION.
D102	REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION
D107	BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108	ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109	CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D113	REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

DEMOLITION LEGEND

- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



FIRST FLOOR DEMOLITION PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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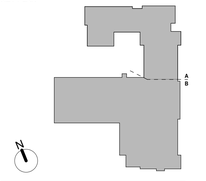
SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLAN - FIRST FLOOR AREA B

AD102-B

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

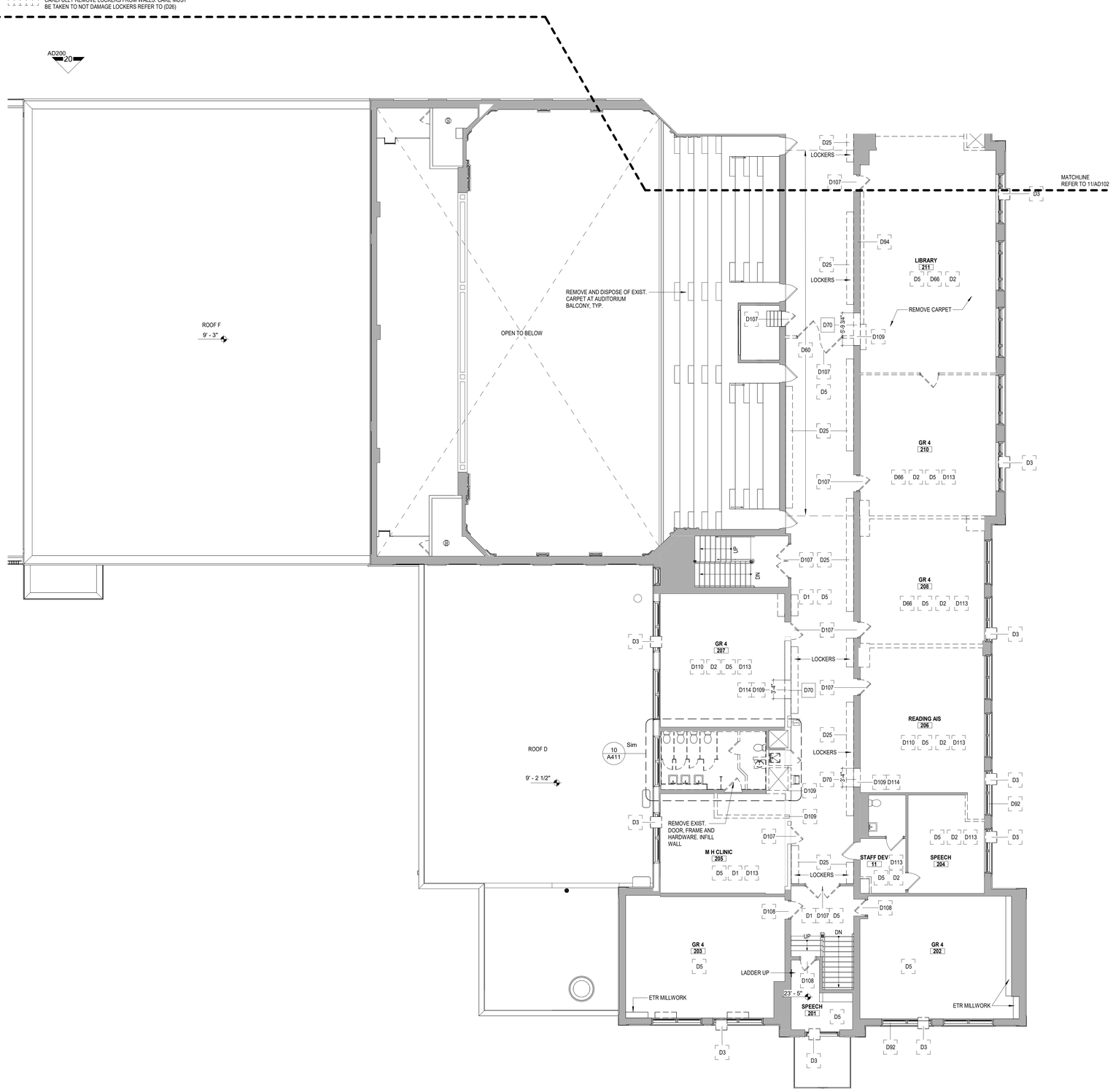
B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1	REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D25	REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D60	REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED SUPPORTS.
D66	REMOVE EXST CASEWORK/SHELVING/BUILT-IN FURNISHINGS.
D70	NEATLY SAW CUT EXISTING MASONRY WALL ON COURSE WHERE POSSIBLE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS. PREP ADJACENT SURFACES FOR NEW HOLLOW METAL FRAME. (REFER TO 2/A700).
D92	MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.
D94	PROTECT EXISTING MURAL TO REMAIN
D107	BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108	ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109	CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D110	CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE
D113	REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.
D114	REMOVE EXISTING NOTICE BOARD/TEACHING BOARD TO ALLOW FOR NEW WALL OPENING OR NEW WALL PARTITION. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

DEMOLITION LEGEND

- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



SECOND FLOOR DEMOLITION - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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BRIDGEWATER, MA. 02324

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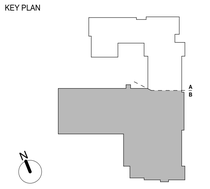
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLAN - SECOND FLOOR AREA B

AD103-B

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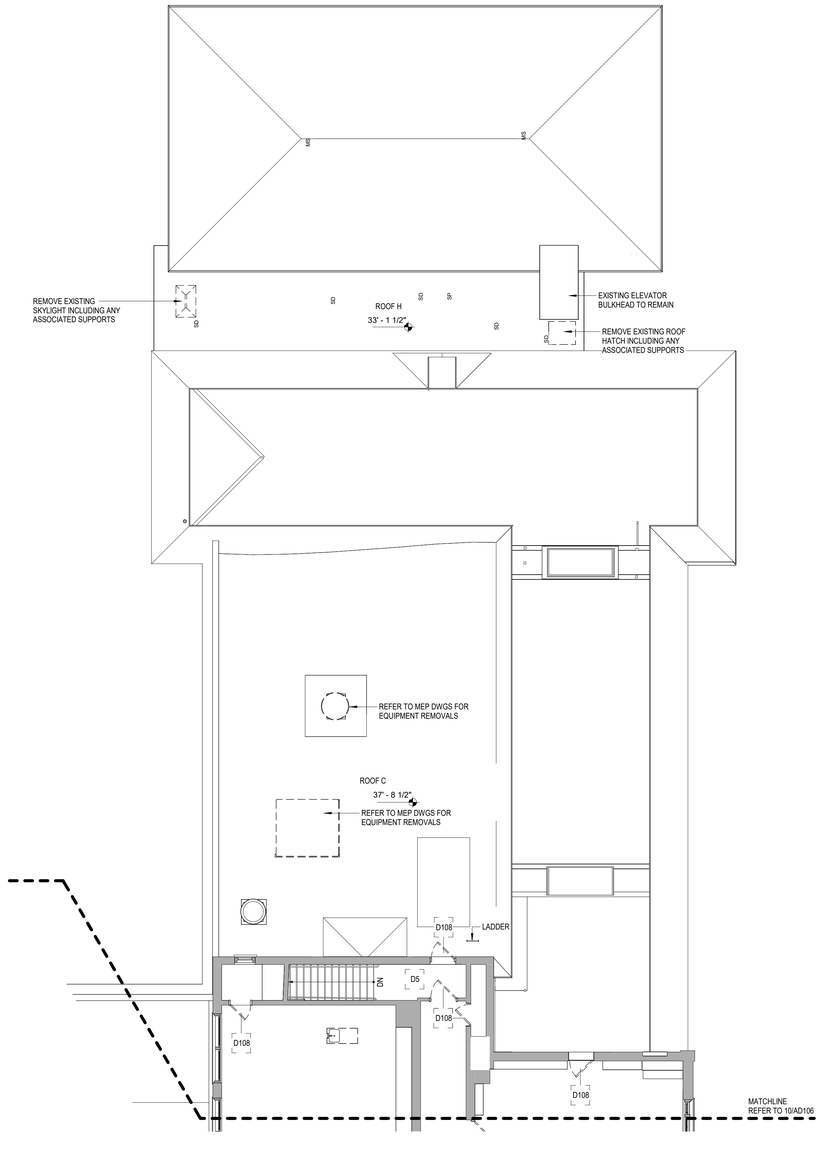
SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. REFER TO MEP DWGS FOR ALL ROOF EQUIPMENT REMOVALS UNLESS OTHERWISE NOTED.

KEY NOTES



THIRD FLOOR DEMOLITION PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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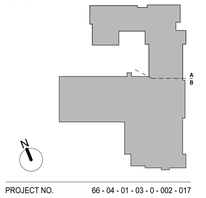
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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DEMOLITION PART PLAN - THIRD FLOOR AND ROOF AREA A

AD104-A

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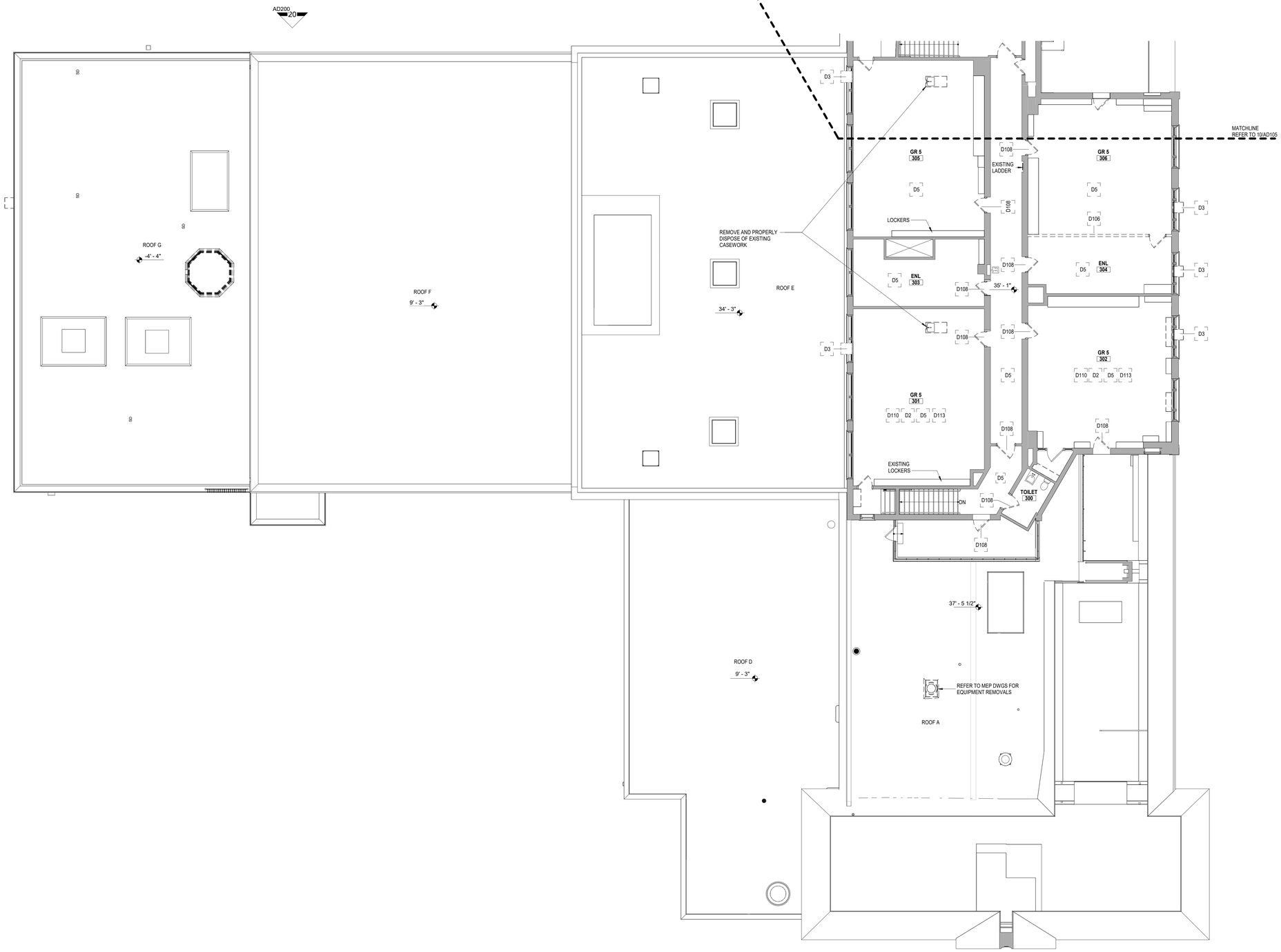
B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D106	CAREFULLY REMOVE WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB. PATCH AND REPAIR FLOOR TO MATCH EXISTING AFTER WALL REMOVAL.
D108	ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D110	CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE.
D113	REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

DEMOLITION LEGEND

- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



THIRD FLOOR DEMOLITION PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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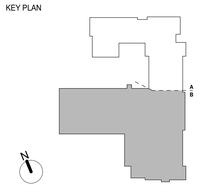
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLAN - THIRD FLOOR AREA B

AD104-B

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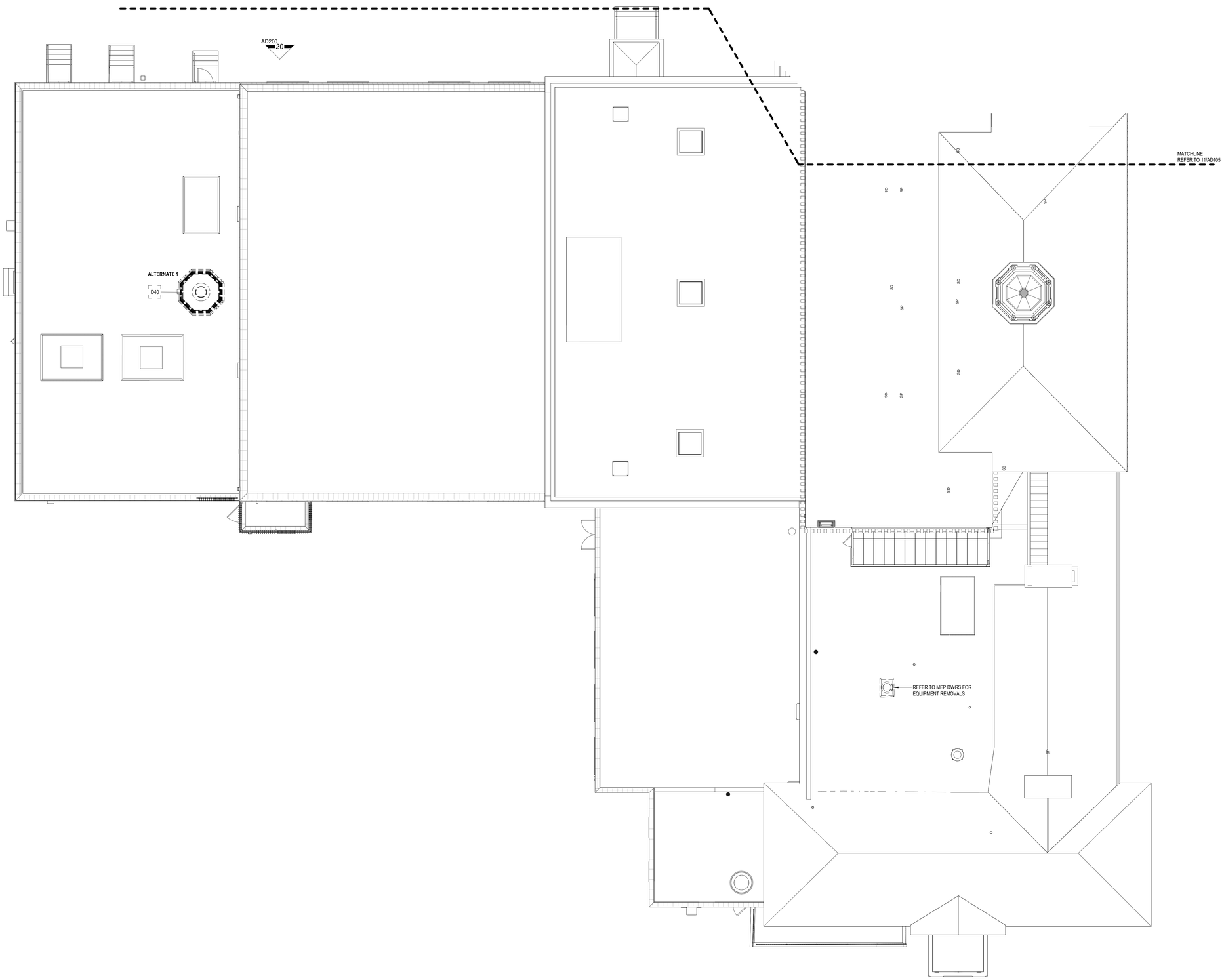
SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. REFER TO MEP DWGS FOR ALL ROOF EQUIPMENT REMOVALS UNLESS OTHERWISE NOTED.

KEY NOTES

D40 REMOVE CHIMNEY IN ITS ENTIRETY, INCLUDING ANY SUPPORTS OR FASTENERS.



ROOF DEMOLITION PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUE	DATE
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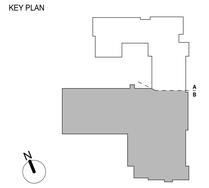
KEY PLAN



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DEMOLITION PART PLAN - ROOF AREA B

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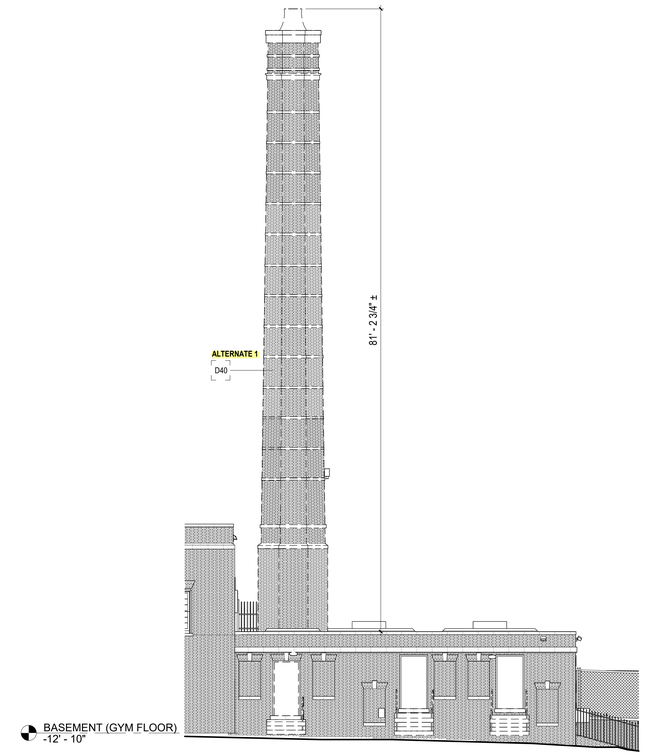
B. REFER TO MEP DWGS FOR ALL ROOF EQUIPMENT REMOVALS UNLESS OTHERWISE NOTED.

KEY NOTES

D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D4	REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL FRAME MEMBERS, SILLS, FLASHING, AND FASTENERS. COORDINATE WITH NEW WORK. PATCH AND REPAIR ALL MATERIALS DAMAGED DURING REMOVAL AND PREP FOR NEW FINISHES
D6	SAWCUT MASONRY WALL ON COURSE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
D10	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY. PREP OPENING FOR NEW DOOR ASSEMBLY
D38	REMOVE PORTION OF EXISTING CAST STONE TRIM TO EXTENT SHOWN. COORDINATE REMOVAL WITH NEW WORK
D40	REMOVE CHIMNEY IN ITS ENTIRETY, INCLUDING ANY SUPPORTS OR FASTENERS.
D92	MECHANICAL EQUIPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.



BASEMENT (GYM FLOOR)
-12' - 10"

WEST DEMOLITION ELEVATION (COURT YARD)
1/8" = 1'-0"

20



NORTH DEMOLITION ELEVATION
1/8" = 1'-0"

11



WEST DEMOLITION ELEVATION
1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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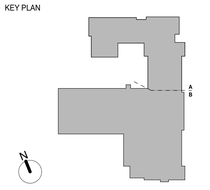
KEY PLAN



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DEMOLITION BUILDING ELEVATIONS

AD200

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SHEET NOTES

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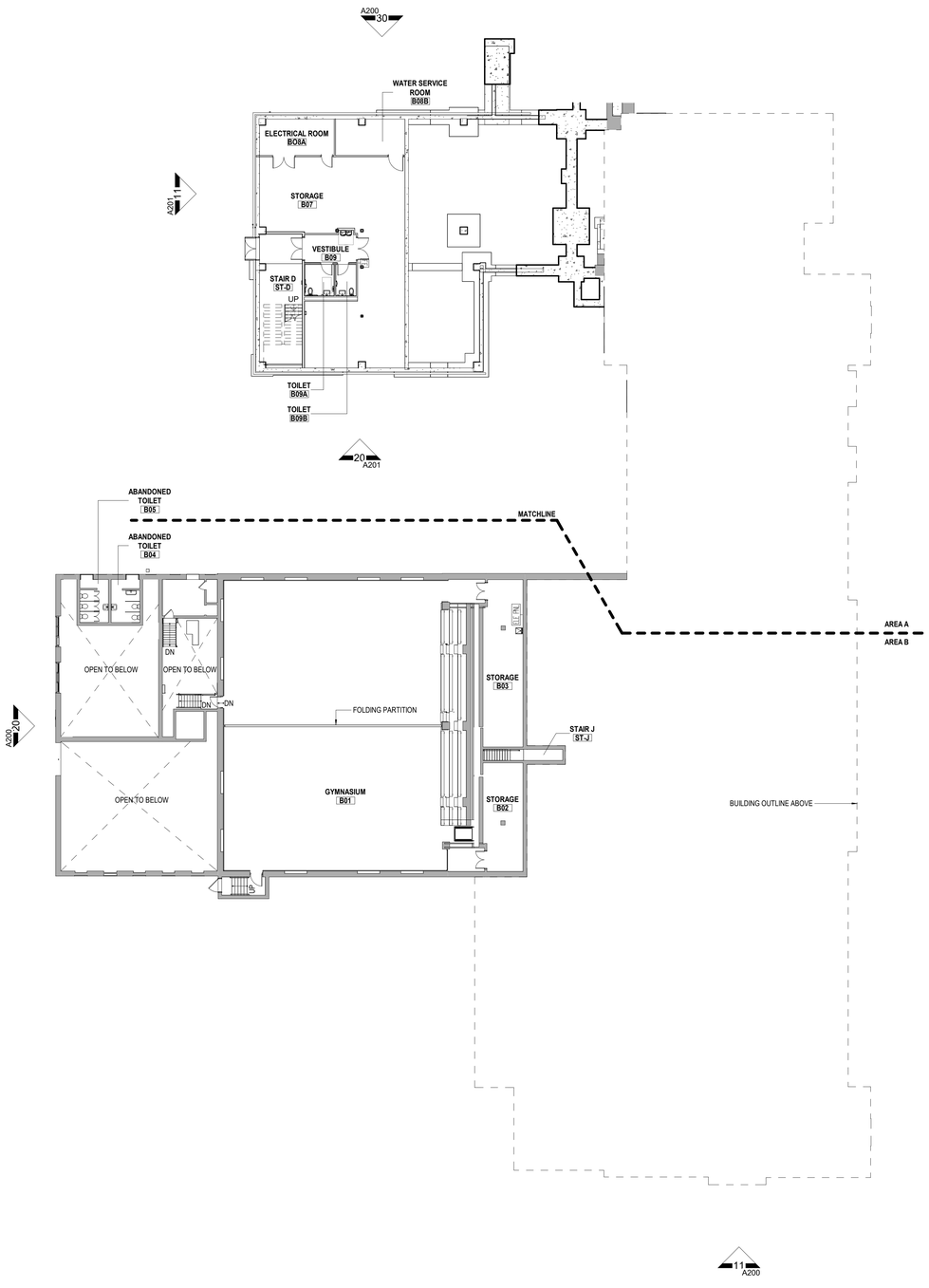
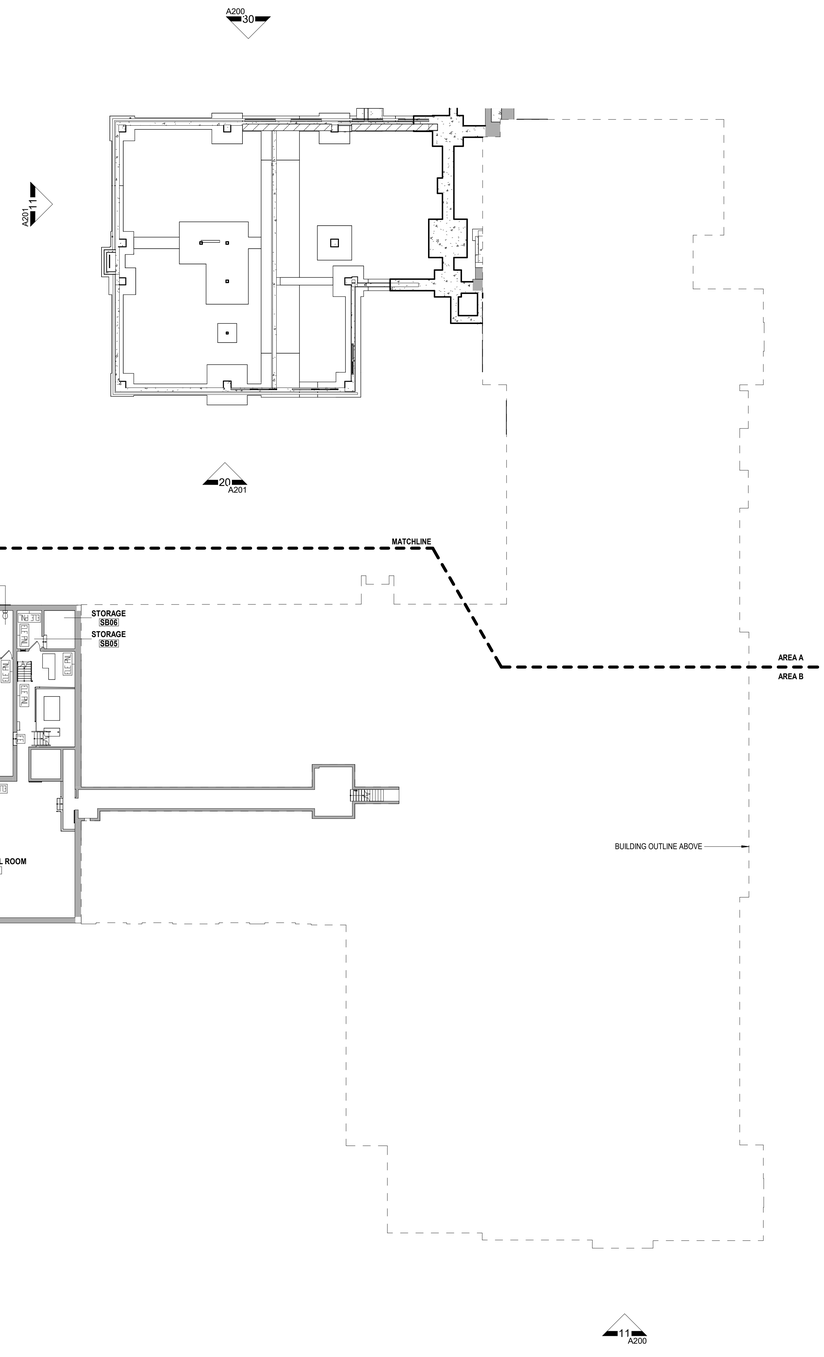
KEY NOTES



BASEMENT FLOOR PLAN

1/16" = 1'-0"

11



SUB-BASEMENT FLOOR PLAN

1/16" = 1'-0"

10

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KEY PLAN



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SUB-BASEMENT & BASEMENT FLOOR PLANS

A100

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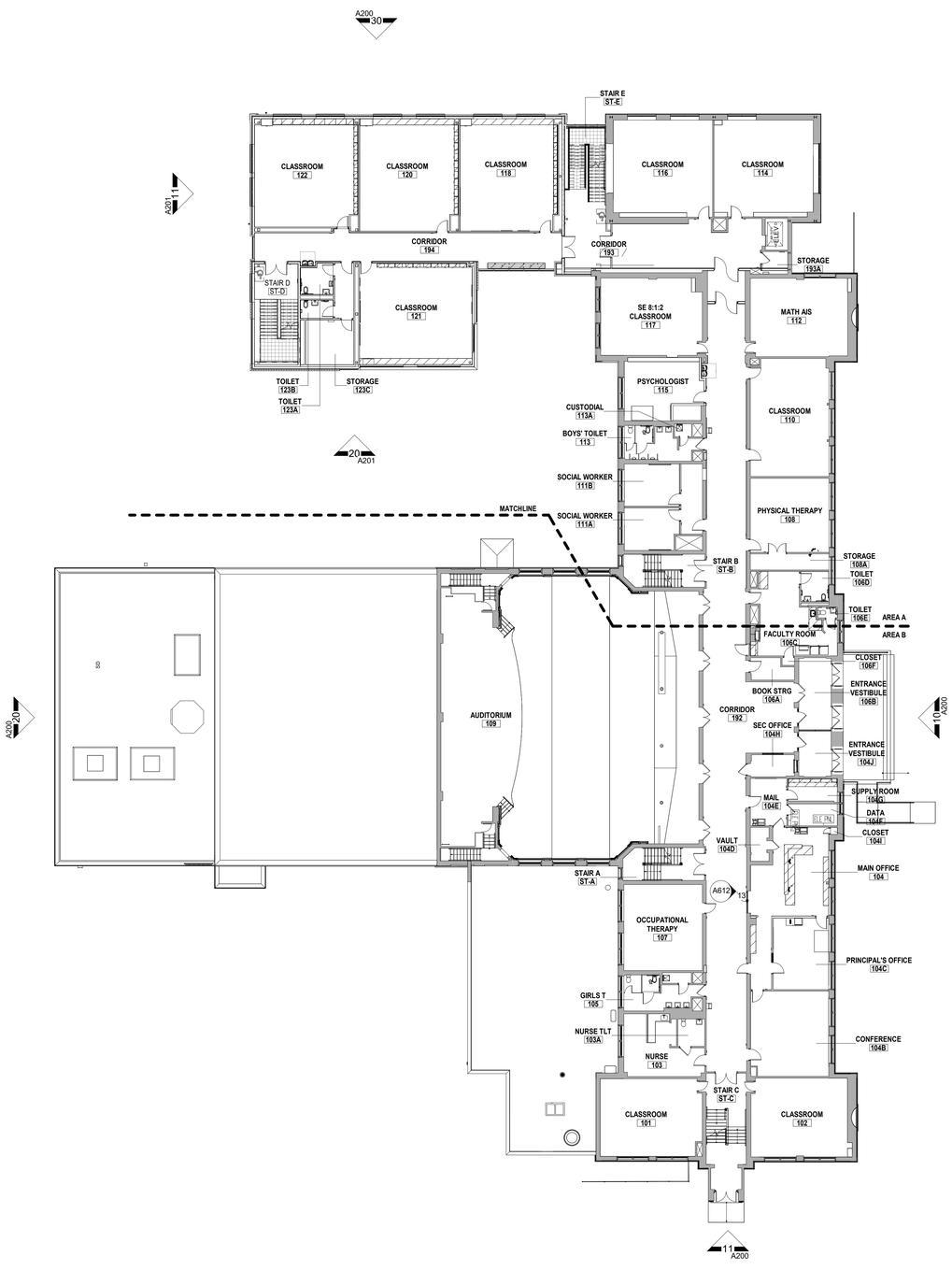
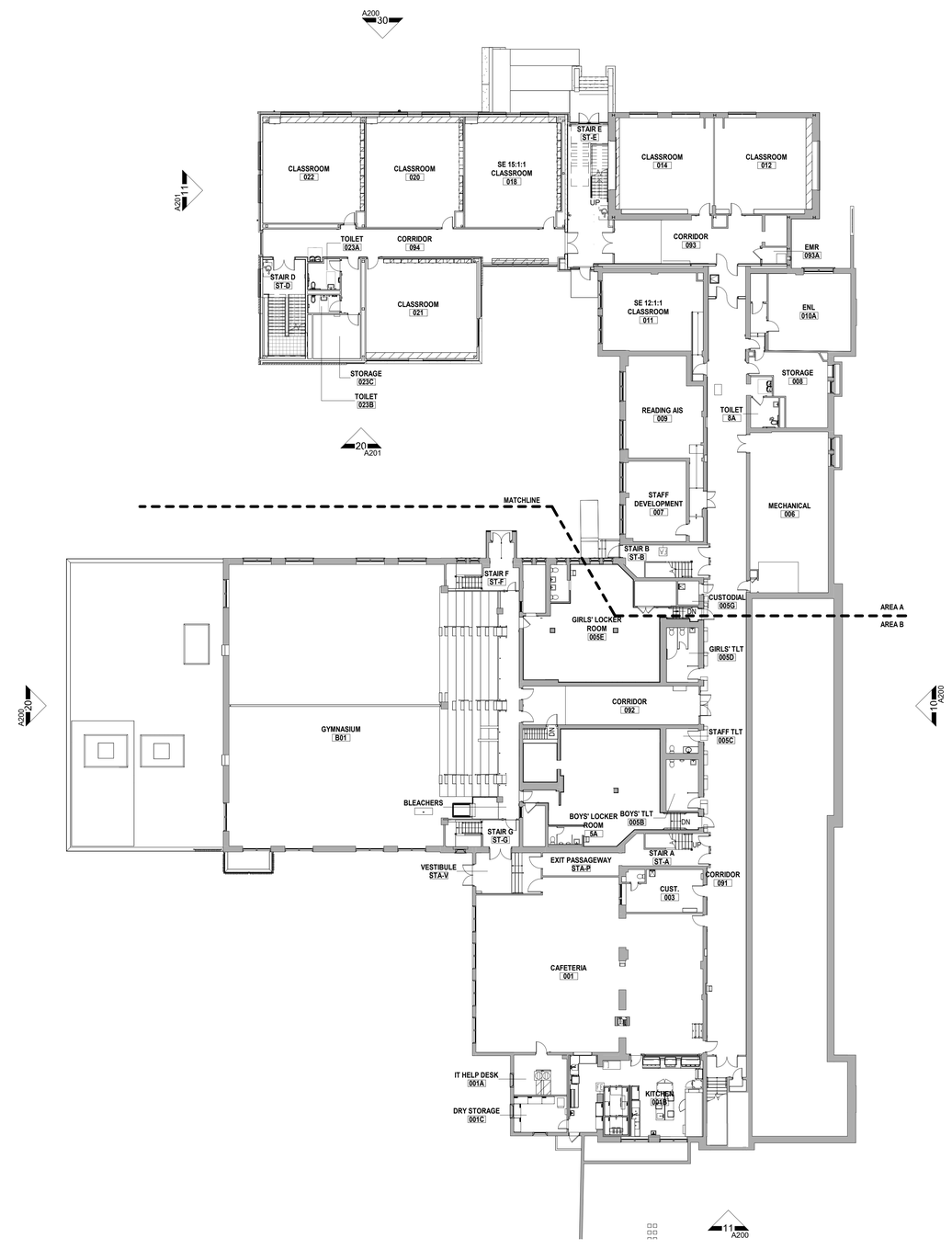


FIRST FLOOR PLAN

1/16" = 1'-0"

11



GROUND FLOOR PLAN

1/16" = 1'-0"

10

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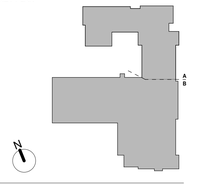

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GROUND AND FIRST FLOOR PLANS

A101

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SHEET NOTES

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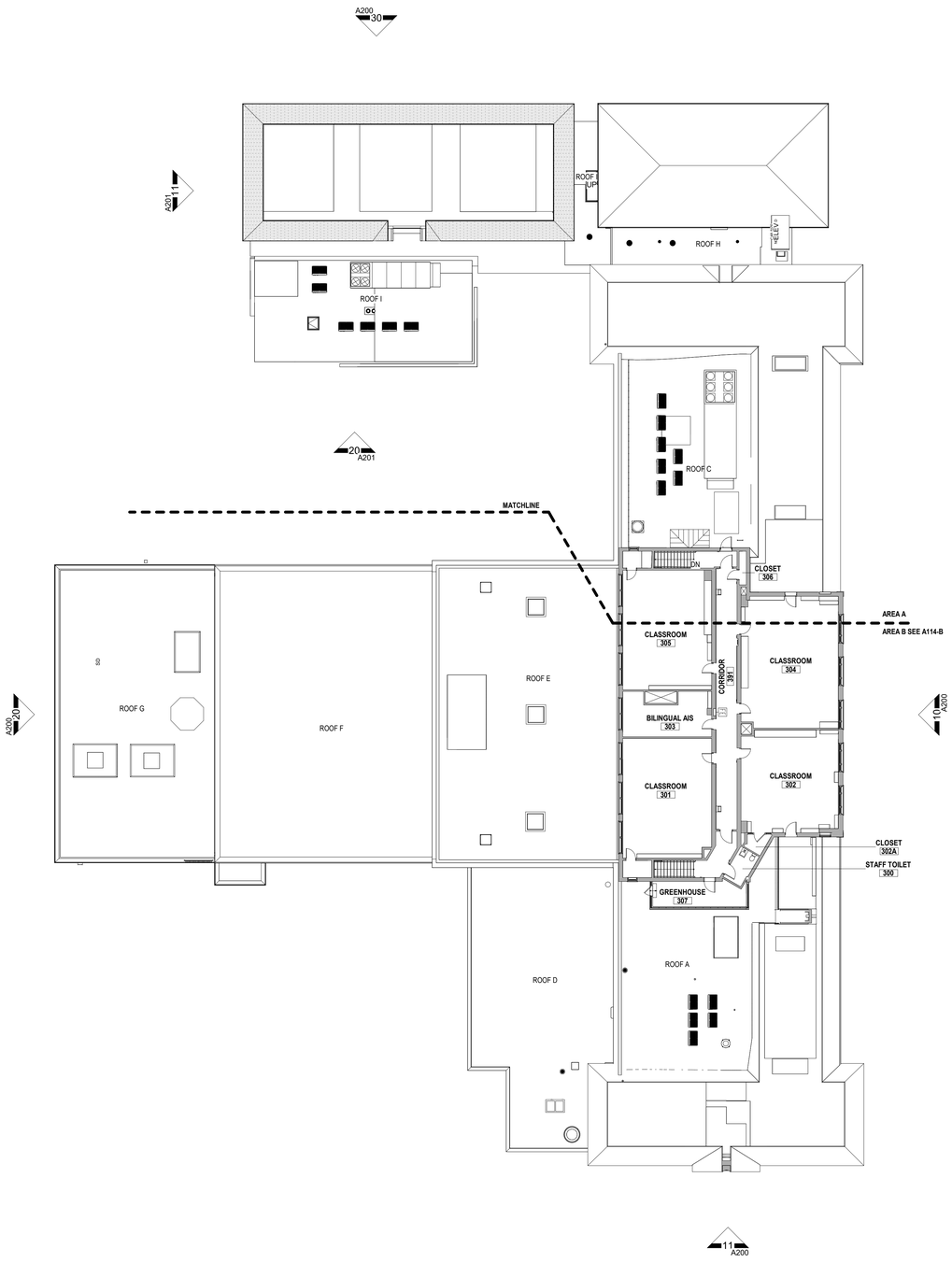
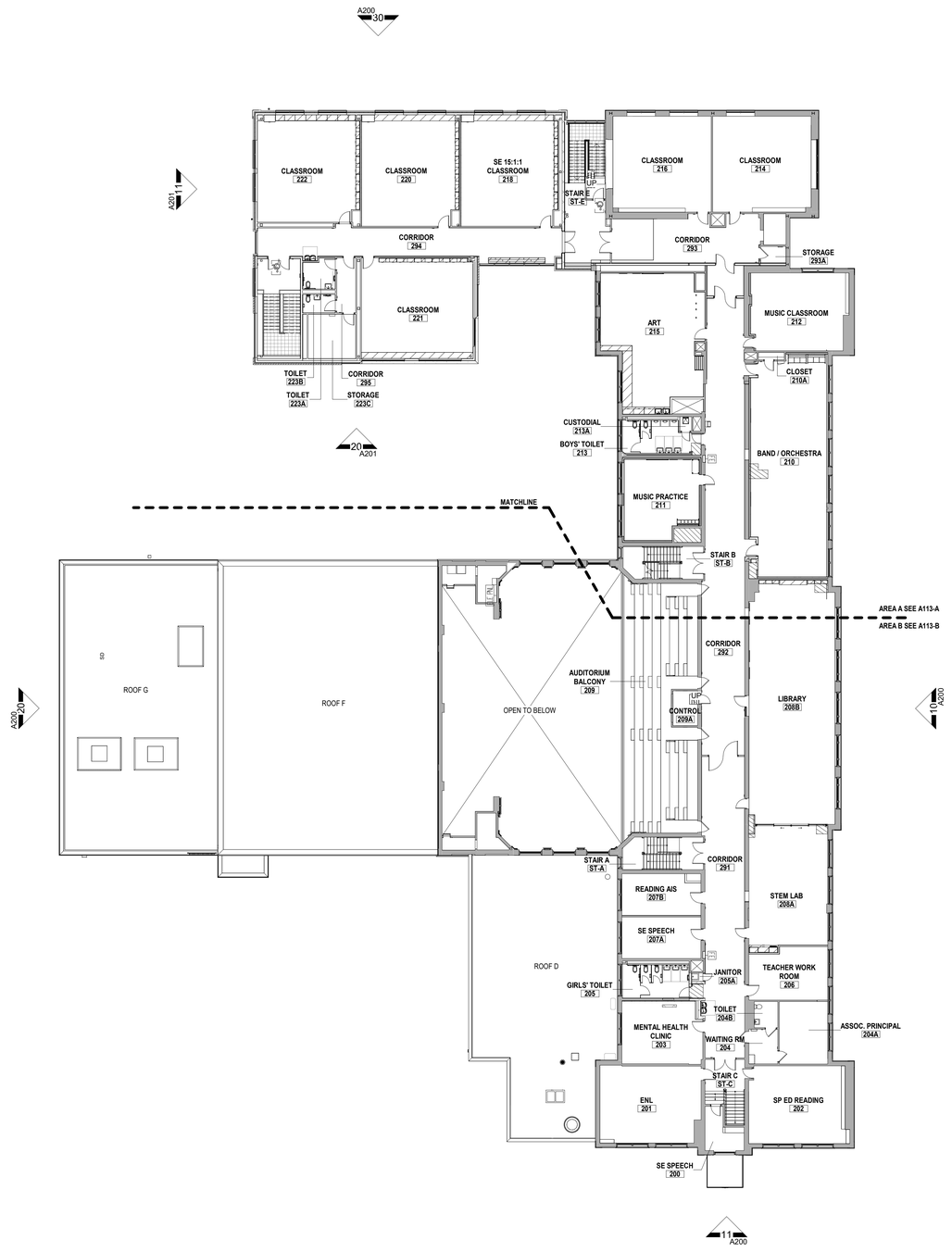


THIRD FLOOR PLAN

1/16" = 1'-0"

11



SECOND FLOOR PLAN

1/16" = 1'-0"

10

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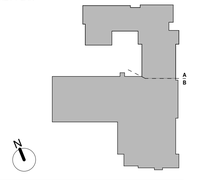

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SECOND & THIRD FLOOR PLANS

A102

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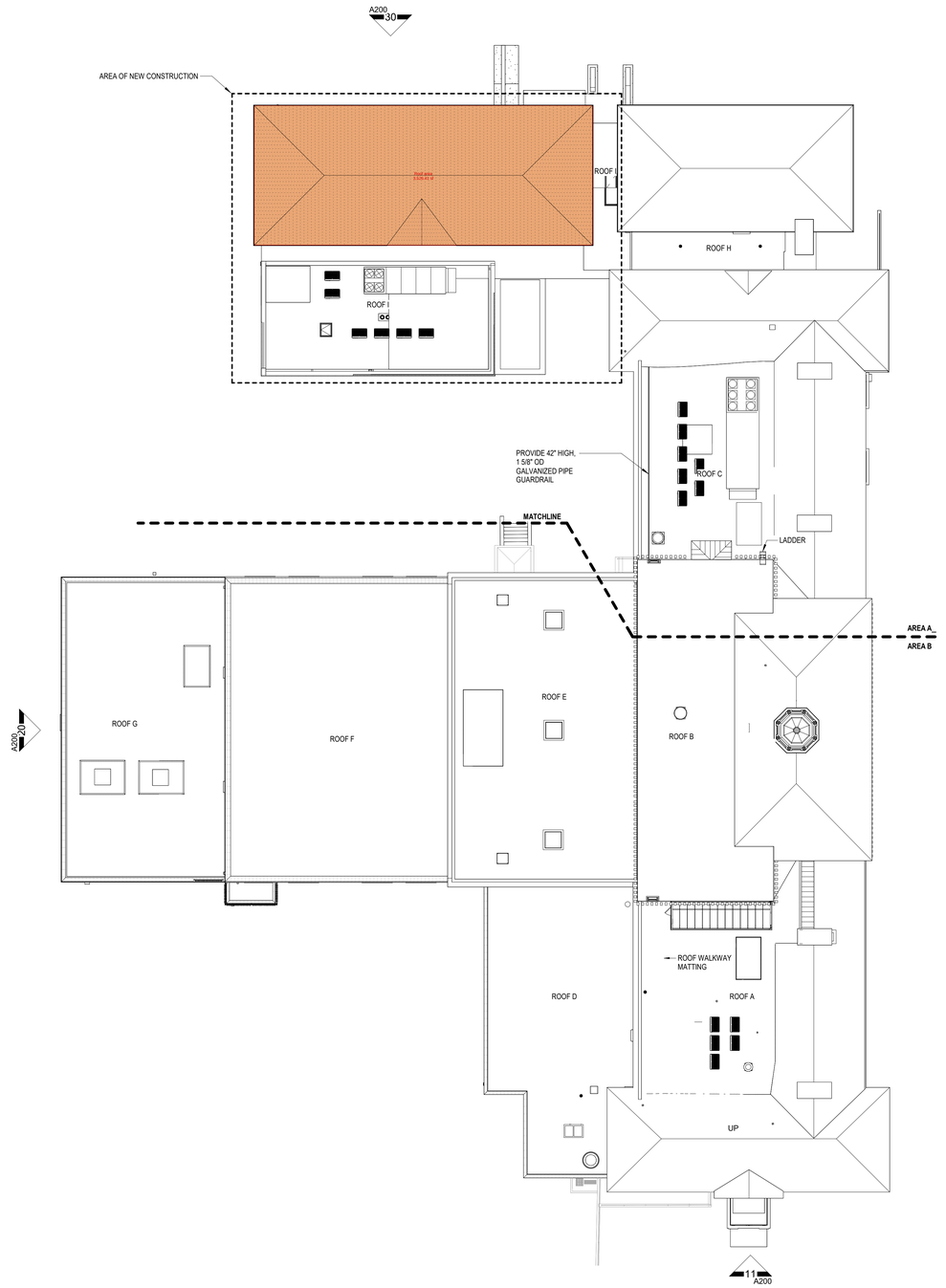

ROOF PLAN

1/16" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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ARCHITECT

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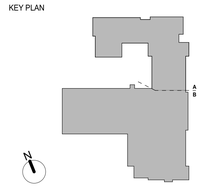
KEY PLAN



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ROOF PLAN

A103

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B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

3.50	PROVIDE CEMENTITIOUS FLOOR LEVELING COMPOUND
4.22	INFILL OPENING IN EXISTING BRICK MASONRY WALL TO MATCH EXISTING. 04 MASONRY
9.05	INFILL WALL. SEE DETAILS.
9.91	PREP AND PAINT CONCRETE SEATING AREA
9.92	PREP AND EPOXY PAINT FLOOR

LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

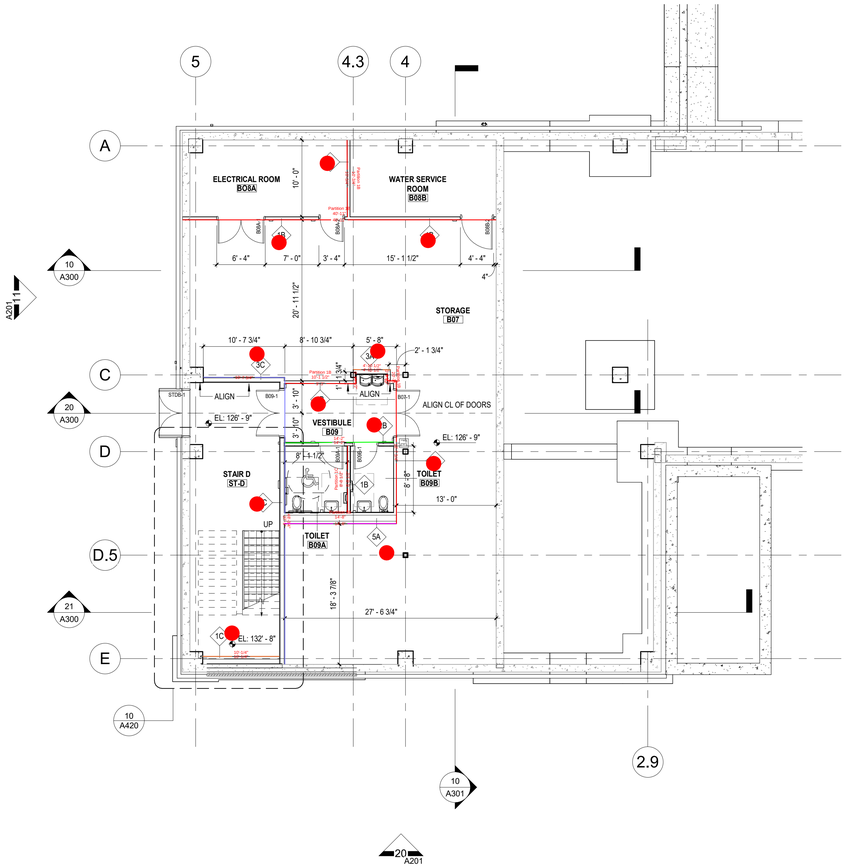
Legend
Description Quantity Unit
Partition 1B 81.6697 ft

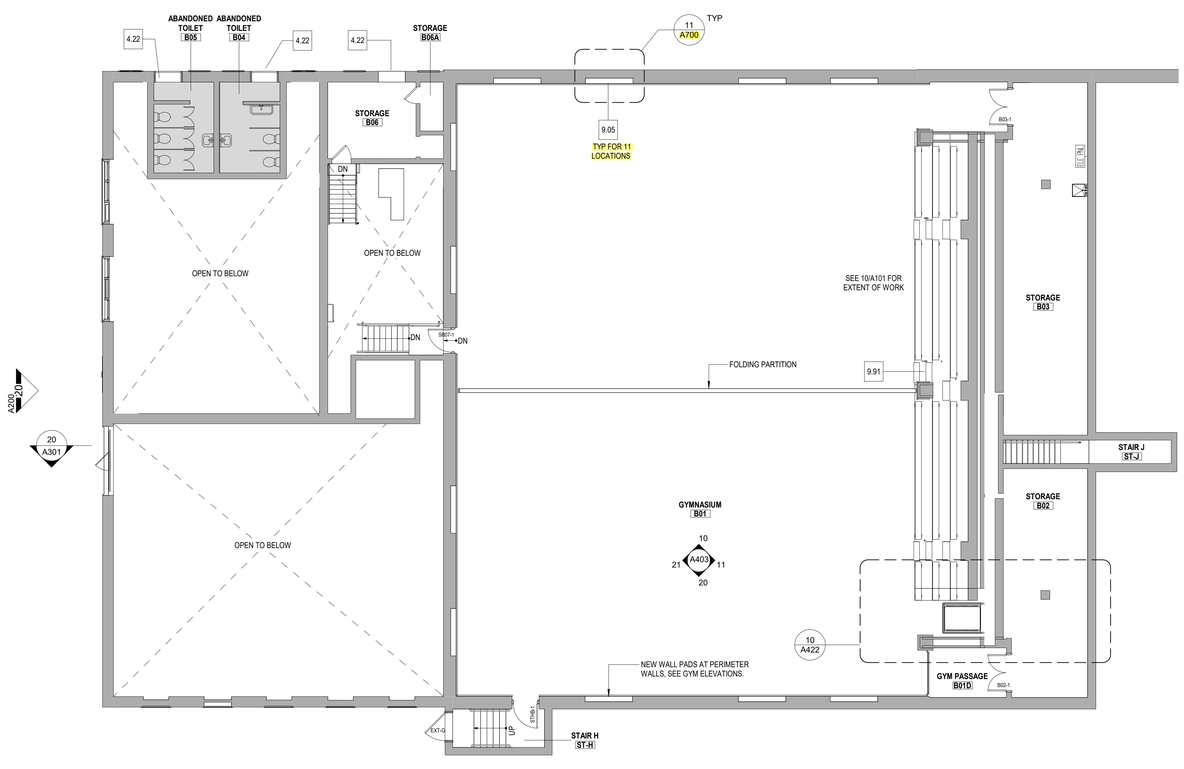
Legend
Description Quantity Unit
Partition 1C 10.0133 ft

Legend
Description Quantity Unit
Partition 2B 14.1605 ft

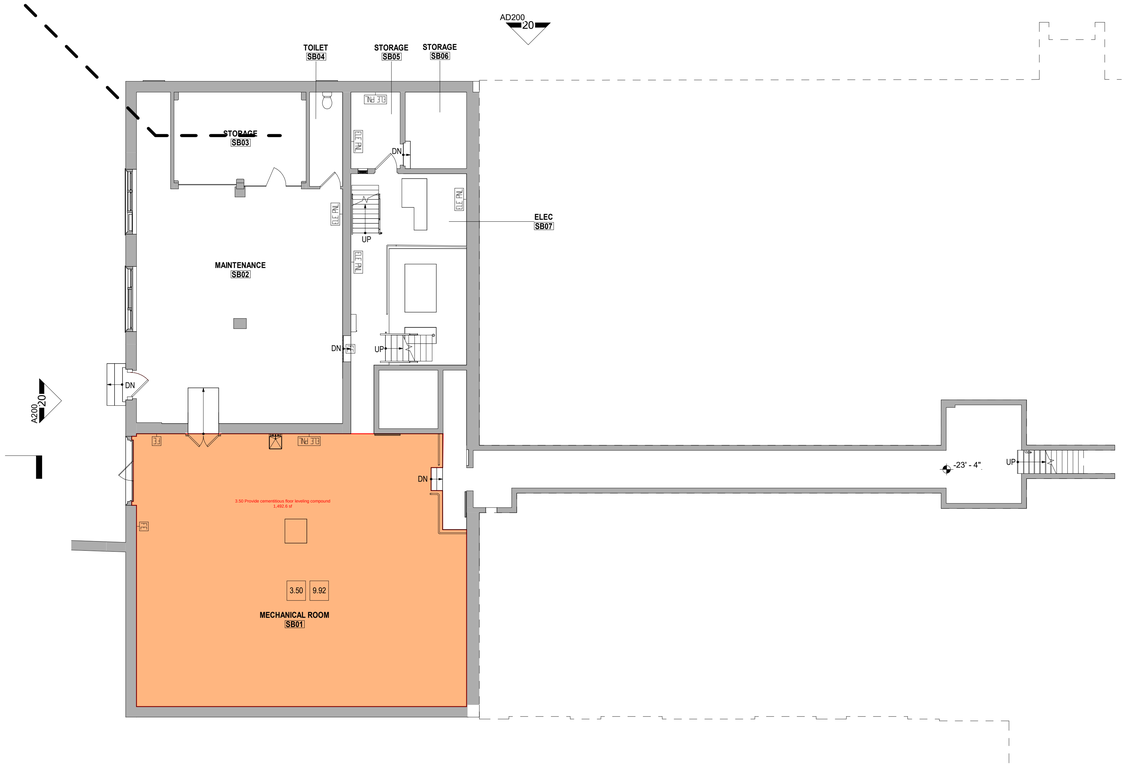
Legend
Description Quantity Unit
Partition 3C 48.0535 ft

Legend
Description Quantity Unit
Partition 5B 14.6667 ft





BASEMENT PLAN - AREA B
1/8" = 1'-0"
21



SUB-BASEMENT PLAN - AREA B
1/8" = 1'-0"
10

BASEMENT PLAN - AREA A
1/8" = 1'-0"
20

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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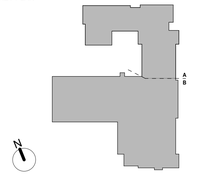

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PART PLANS - BASEMENT FLOOR AREAS A AND B

A110-AB

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SHEET NOTES

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B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

9.12 PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.

9.16 PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.

LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE

Legend

Description	Quantity	Unit
Cubby & overhead Storage	50.0267	ft

Legend

Description	Quantity	Unit
Base cabinet	100.0934	ft

Legend

Description	Quantity	Unit
Ground Floor Addition- Floor area	5,665.86	sf

Legend

Description	Quantity	Unit
Partition 1A	46.8712	ft

Legend

Description	Quantity	Unit
Partition 1B	27.3201	ft

Legend

Description	Quantity	Unit
Partition 1C	166.5618	ft

Legend

Description	Quantity	Unit
Partition 2A	174.4822	ft

Legend

Description	Quantity	Unit
Partition 3C	52.2274	ft

Legend

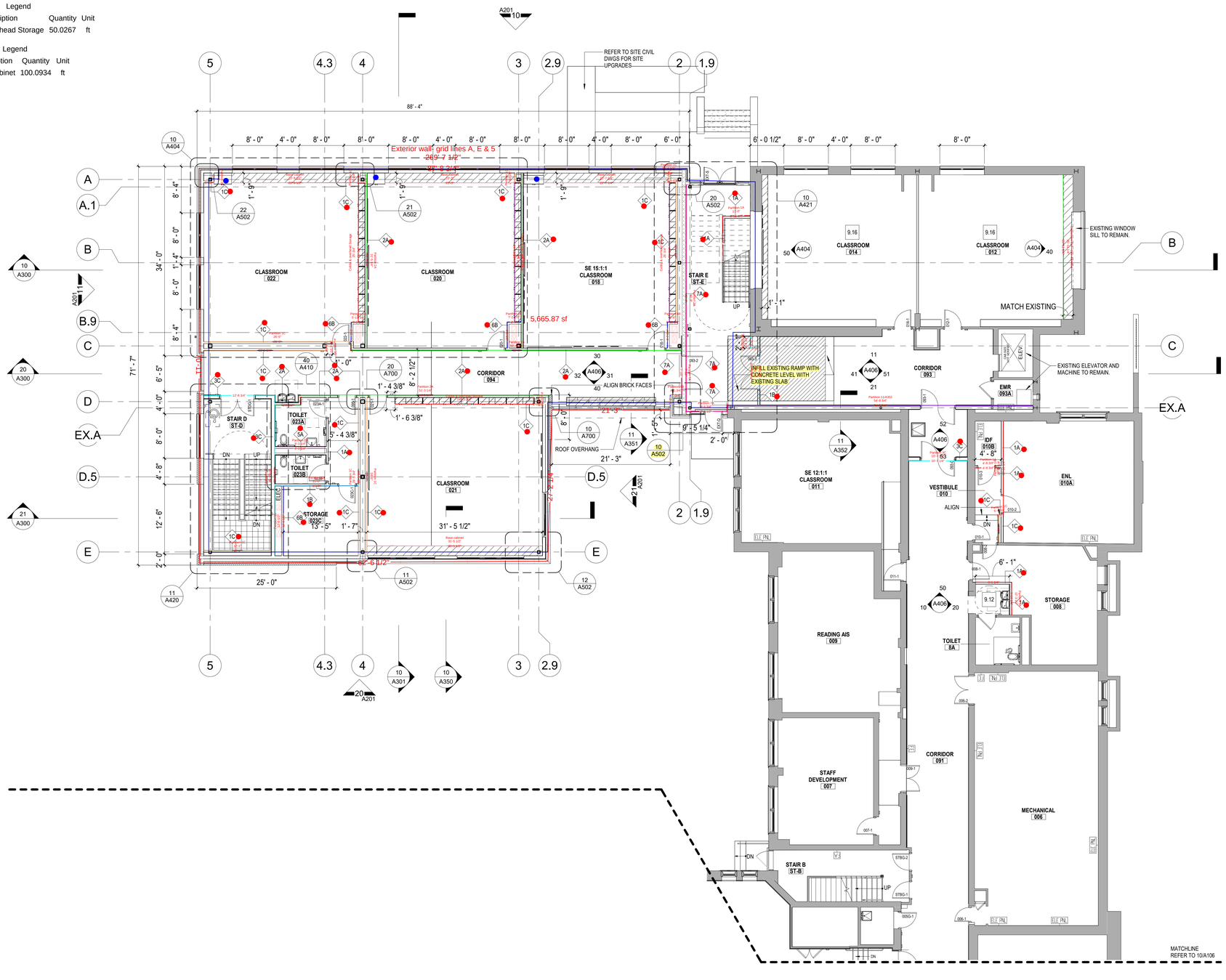
Description	Quantity	Unit
Partition 5A	9.2667	ft

Legend

Description	Quantity	Unit
Partition 6B	36.3887	ft

Legend

Description	Quantity	Unit
Partition 7A	57.0555	ft



GROUND FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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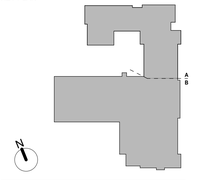

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PART PLAN - GROUND FLOOR AREA A

A111-A

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KEY NOTES

8.16 PROVIDE A 2" HM DOOR FRAME IN EXISTING OPENING TO ACCOMODATE A 7'-0" DOOR. PROVIDE A METAL STUD GWB PARTITION FROM HEAD OF DOOR TO DECK ABOVE. FINISH EACH FACE OF WALL WITH SIMILAR MATERAIL AND CONSTRUCTION.

9.93 WRAP EXISTING WINDOW HEAD AND JAMB WITH 5/8" GWB. PREPARE AND PAINT EXISTING WOODEN SILL

26.16 ALL EXISTING RECEPTACLES SHOULD BE MAINTAINED AND ACCESSIBLE .

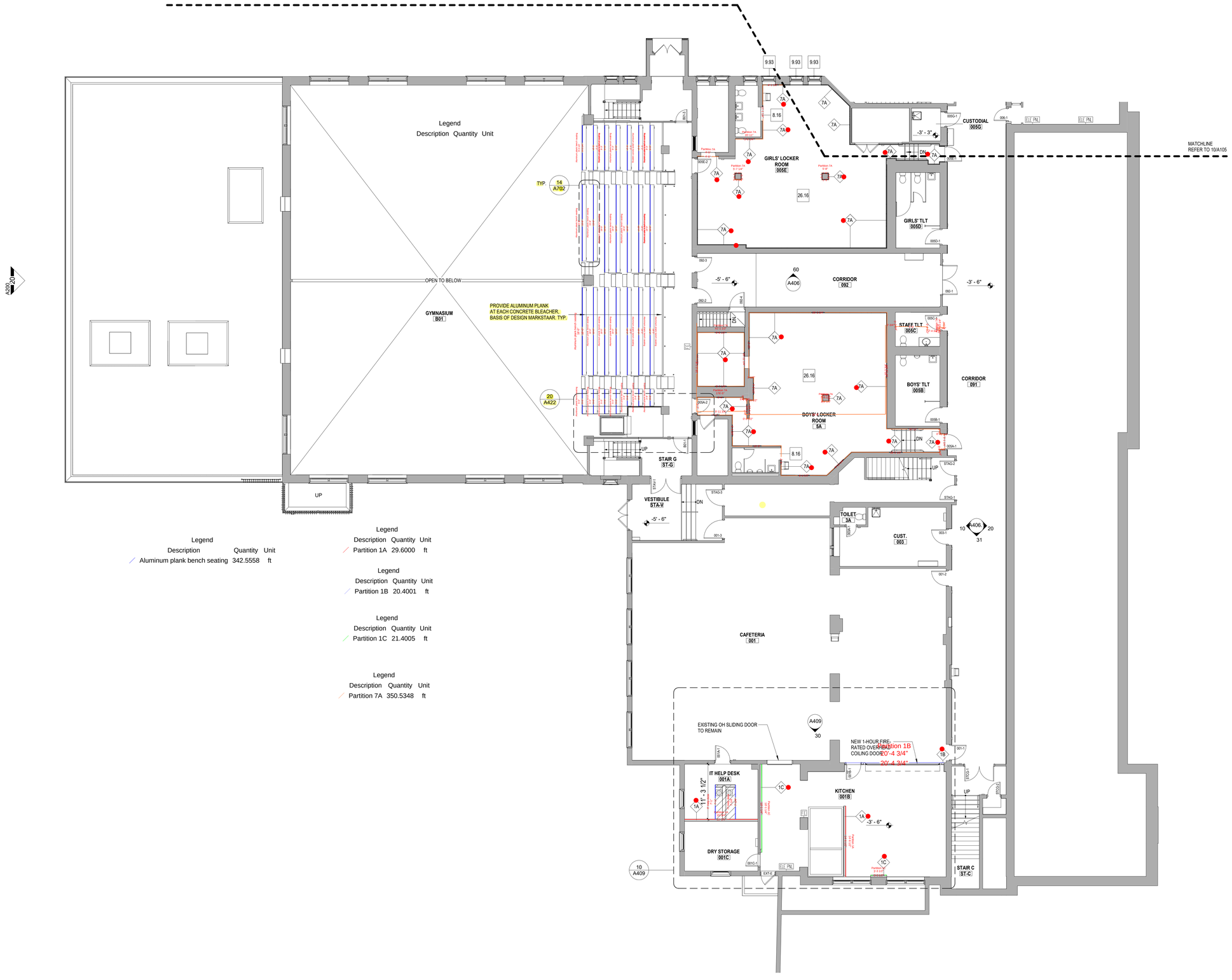
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



Legend
Description Quantity Unit
Aluminum plank bench seating 342.5558 ft

Legend
Description Quantity Unit
Partition 1A 29.6000 ft

Legend
Description Quantity Unit
Partition 1B 20.4001 ft

Legend
Description Quantity Unit
Partition 1C 21.4005 ft

Legend
Description Quantity Unit
Partition 7A 350.5348 ft

GROUND FLOOR PLAN - AREA B
1/8" = 1'-0"

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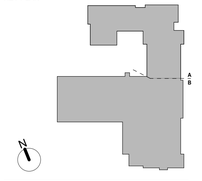
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - GROUND FLOOR AREA B

A111-B

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

8.11	PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)
9.05	INFILL WALL. SEE DETAILS.
9.16	PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.
9.62	PROVIDE 1/2" SUREPLY PREMIUM UNDERLAYMENT BY PATRIOT TIMBER PRODUCTS OR EQUAL.

LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE

Legend

Description	Quantity	Unit
First Floor Addition- Floor Area	5,656.52	sf

Legend

Description	Quantity	Unit
Partition 1A	72.5736	ft

Legend

Description	Quantity	Unit
Partition 1B	27.3736	ft

Legend

Description	Quantity	Unit
Partition 1C	153.6891	ft

Legend

Description	Quantity	Unit
Partition 2A	173.6657	ft

Legend

Description	Quantity	Unit
Partition 3C	52.7472	ft

Legend

Description	Quantity	Unit
Partition 4B	15.2060	ft

Legend

Description	Quantity	Unit
Partition 5A	9.2667	ft

Legend

Description	Quantity	Unit
Partition 6A	14.0270	ft

Legend

Description	Quantity	Unit
Partition 6B	36.1888	ft

Legend

Description	Quantity	Unit
Partition 7A	49.3204	ft

Legend

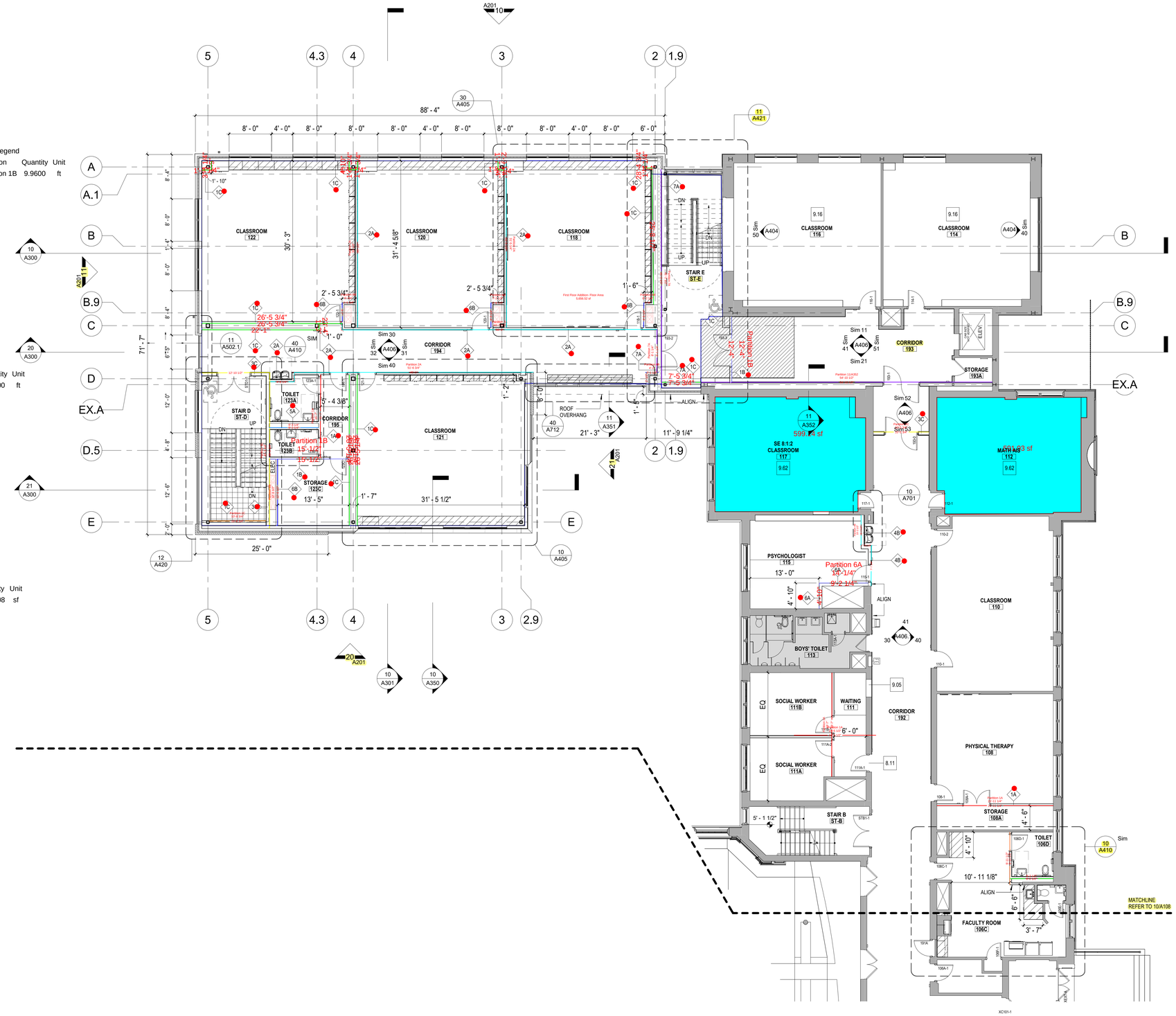
Description	Quantity	Unit
Toilet Partition 1B	9.9600	ft

Legend

Description	Quantity	Unit
Toilet Partition 5A	8.2000	ft

Legend

Description	Quantity	Unit
9.62 Provide 1/2" Surely Premium Underlayment by Patriot Timber	1,191.08	sf



FIRST FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - FIRST FLOOR AREA A

A112-A

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SHEET NOTES

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B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

8.11 PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)

9.12 PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.

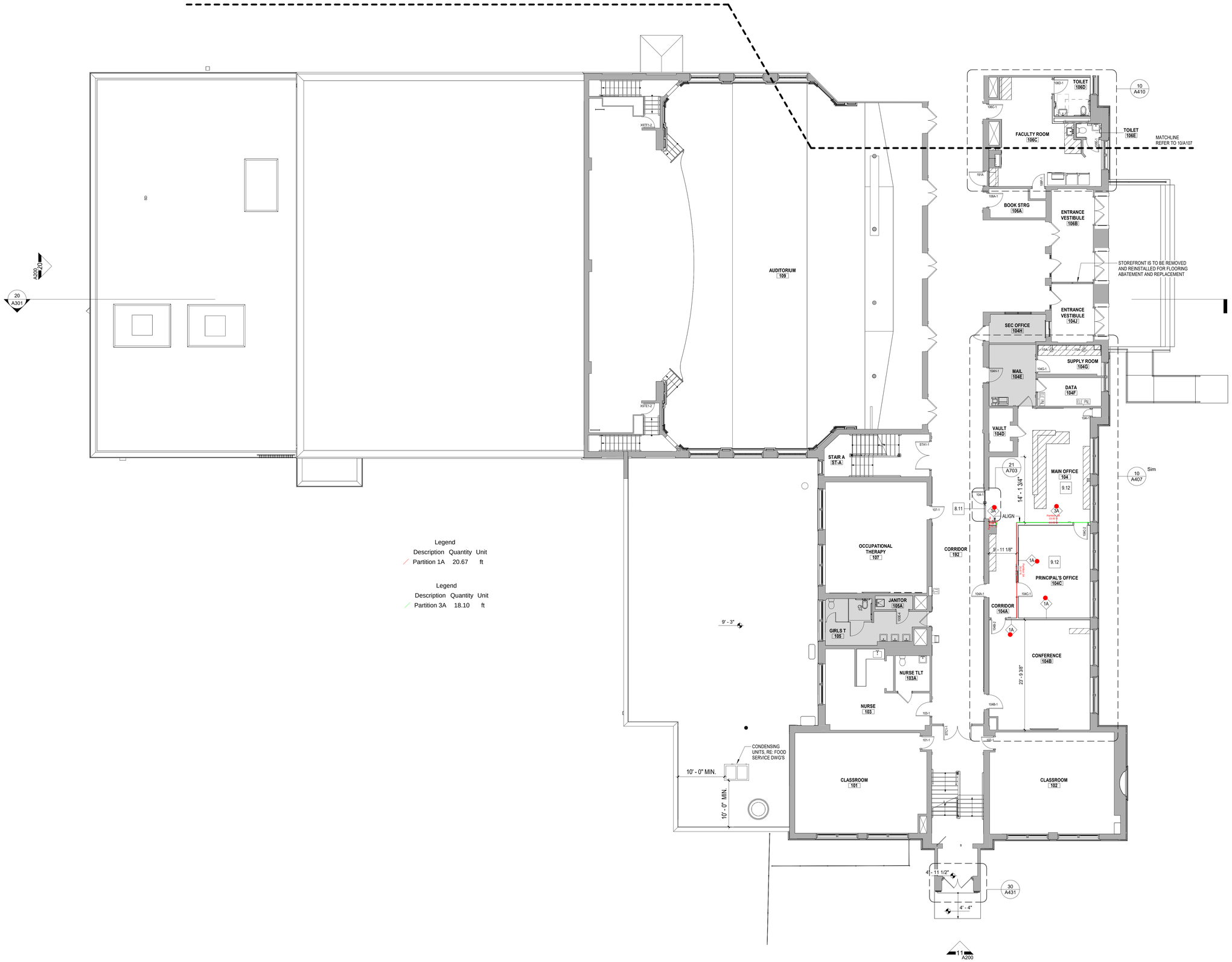
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



Legend

Description	Quantity	Unit
Partition 1A	20.67	ft

Legend

Description	Quantity	Unit
Partition 3A	18.10	ft

FIRST FLOOR PLAN - AREA B

1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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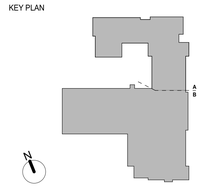
ISSUE	DATE

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

PART PLAN - FIRST FLOOR AREA B

A112-B

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

8.11	PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)
9.12	PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.
9.16	PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.
9.76	PROVIDE ACOUSTICAL UNDERLAYMENT. REFER TO DETAILS.

LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

Legend

Description	Quantity	Unit
Second Floor Addition- Floor Area	5,675.29	sf

Legend

Description	Quantity	Unit
Partition 1A	16.3467	ft

Legend

Description	Quantity	Unit
Partition 1B	90.3765	ft

Legend

Description	Quantity	Unit
Partition 1C	170.6026	ft

Legend

Description	Quantity	Unit
Partition 2A	174.6176	ft

Legend

Description	Quantity	Unit
Partition 2B	8.7396	ft

Legend

Description	Quantity	Unit
Partition 3C	51.8943	ft

Legend

Description	Quantity	Unit
Partition 4A	18.5770	ft

Legend

Description	Quantity	Unit
Partition 6A	25.8806	ft

Legend

Description	Quantity	Unit
Partition 6B	35.9780	ft

Legend

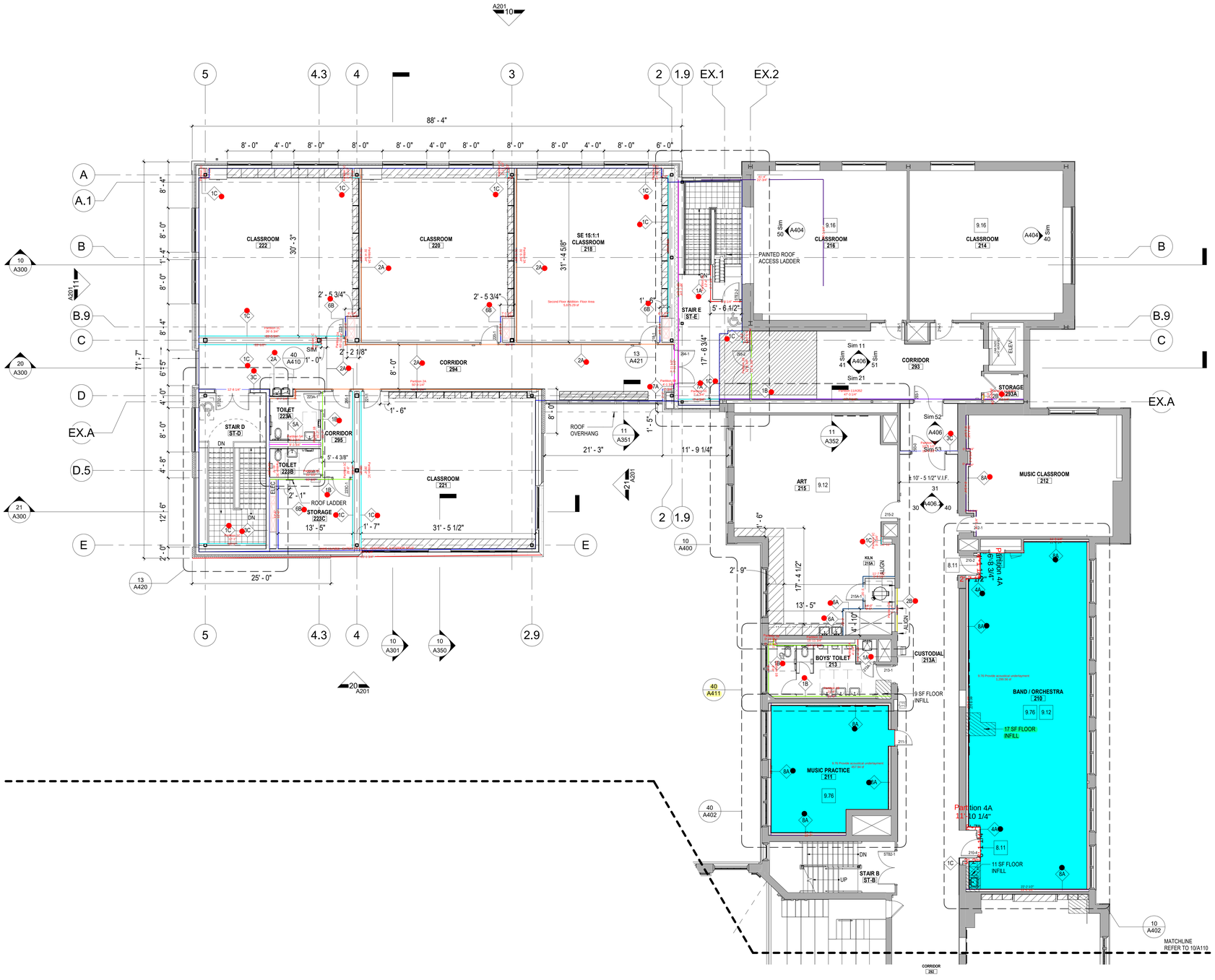
Description	Quantity	Unit
Partition 7A	47.5600	ft

Legend

Description	Quantity	Unit
Partition 8A	182.9710	ft

Legend

Description	Quantity	Unit
Area Measurement	1,757.51	sf



SECOND FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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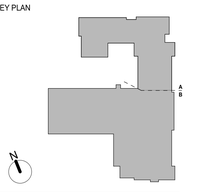
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - SECOND FLOOR AREA A

A113-A

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

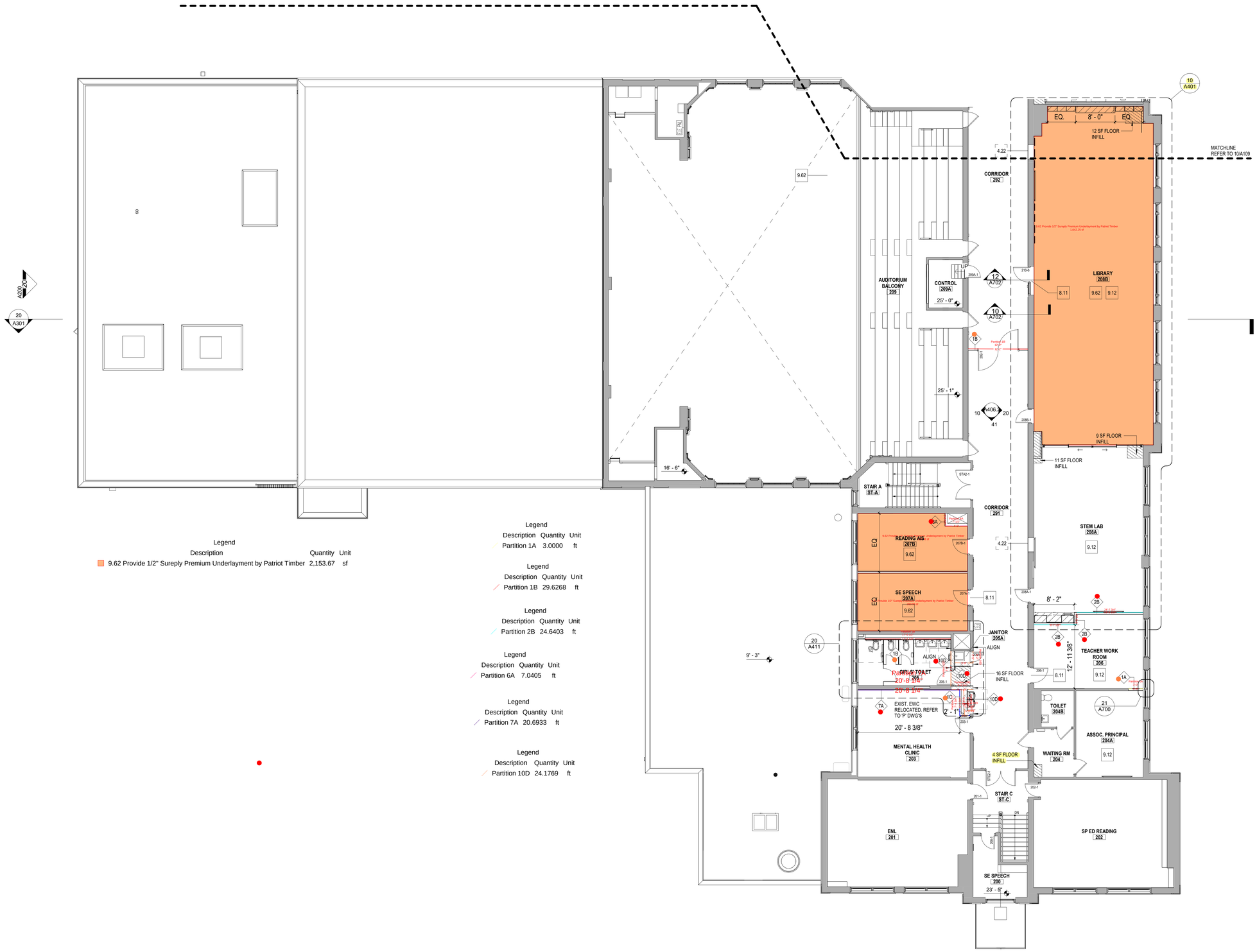
D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

4.22	INFILL OPENING IN EXISTING BRICK MASONRY WALL TO MATCH EXISTING. 04 MASONRY
8.11	PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)
9.12	PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.
9.62	PROVIDE 1/2" SUREPLY PREMIUM UNDERLAYMENT BY PATRIOT TIMBER PRODUCTS OR EQUAL.

LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE



Legend

Description	Quantity	Unit
9.62 Provide 1/2" Sureply Premium Underlayment by Patriot Timber	2,153.67	sf

Legend

Description	Quantity	Unit
Partition 1A	3.0000	ft

Legend

Description	Quantity	Unit
Partition 1B	29.6268	ft

Legend

Description	Quantity	Unit
Partition 2B	24.6403	ft

Legend

Description	Quantity	Unit
Partition 6A	7.0405	ft

Legend

Description	Quantity	Unit
Partition 7A	20.6933	ft

Legend

Description	Quantity	Unit
Partition 10D	24.1769	ft

SECOND FLOOR PLAN - AREA B

1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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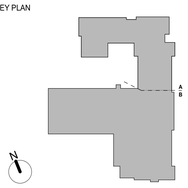
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - SECOND FLOOR AREA B

A113-B

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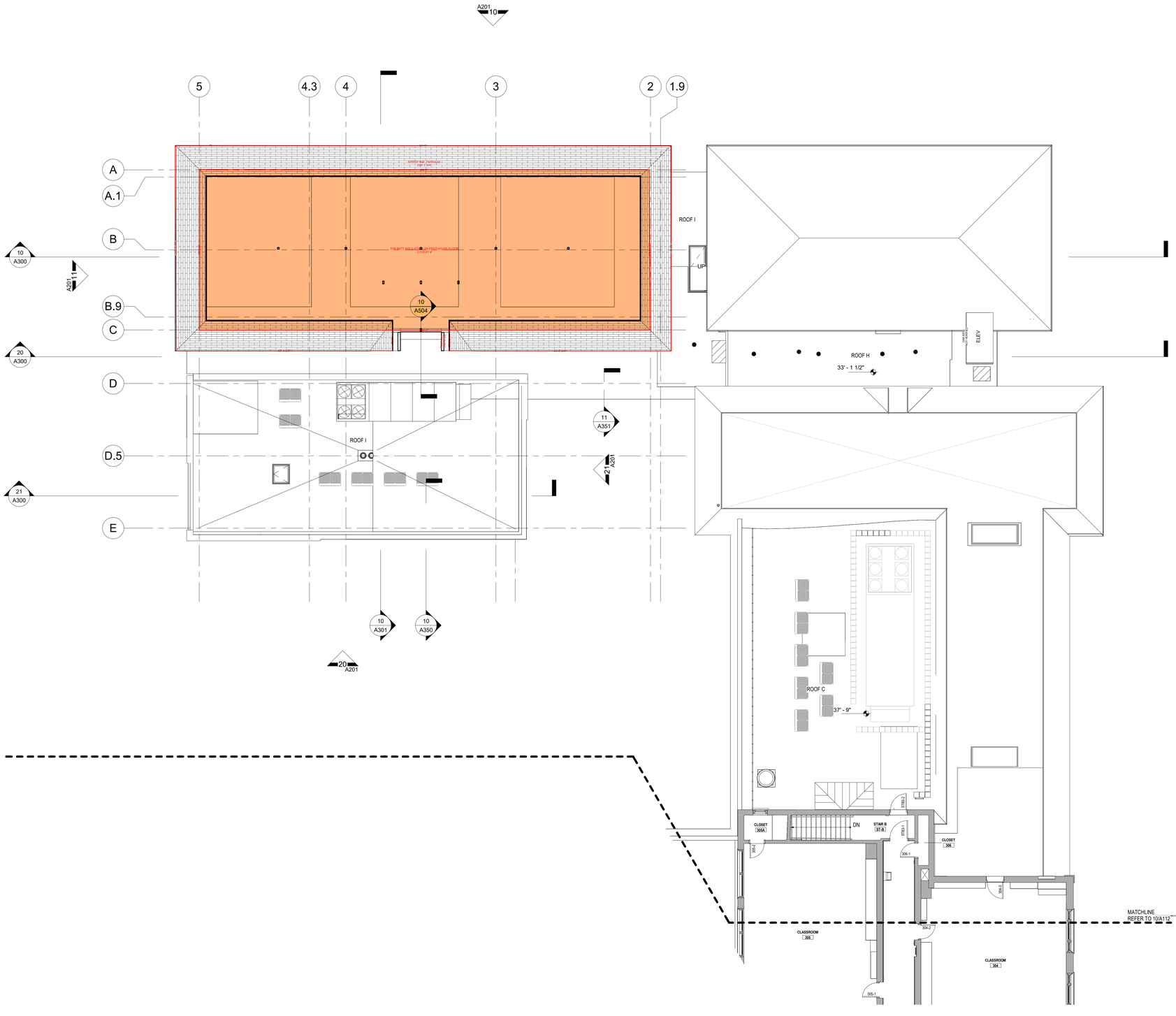
KEY NOTES

LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE



THIRD FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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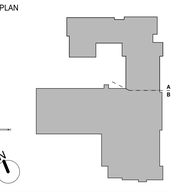
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - THIRD FLOOR AREA A

A114-A

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D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

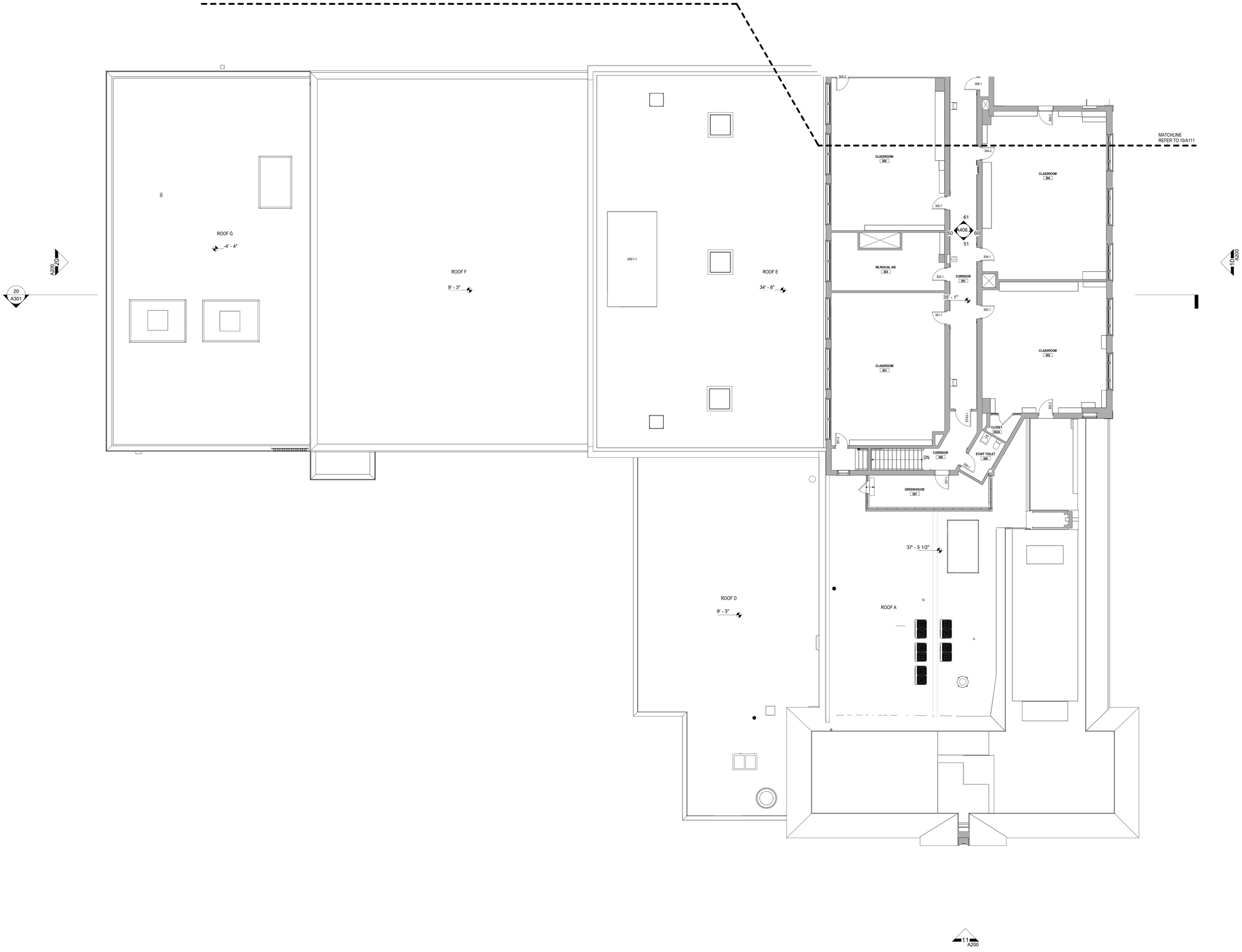
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



THIRD FLOOR PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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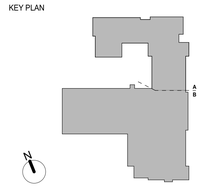
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - THIRD FLOOR AREA B

A114-B

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SHEET NOTES

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B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

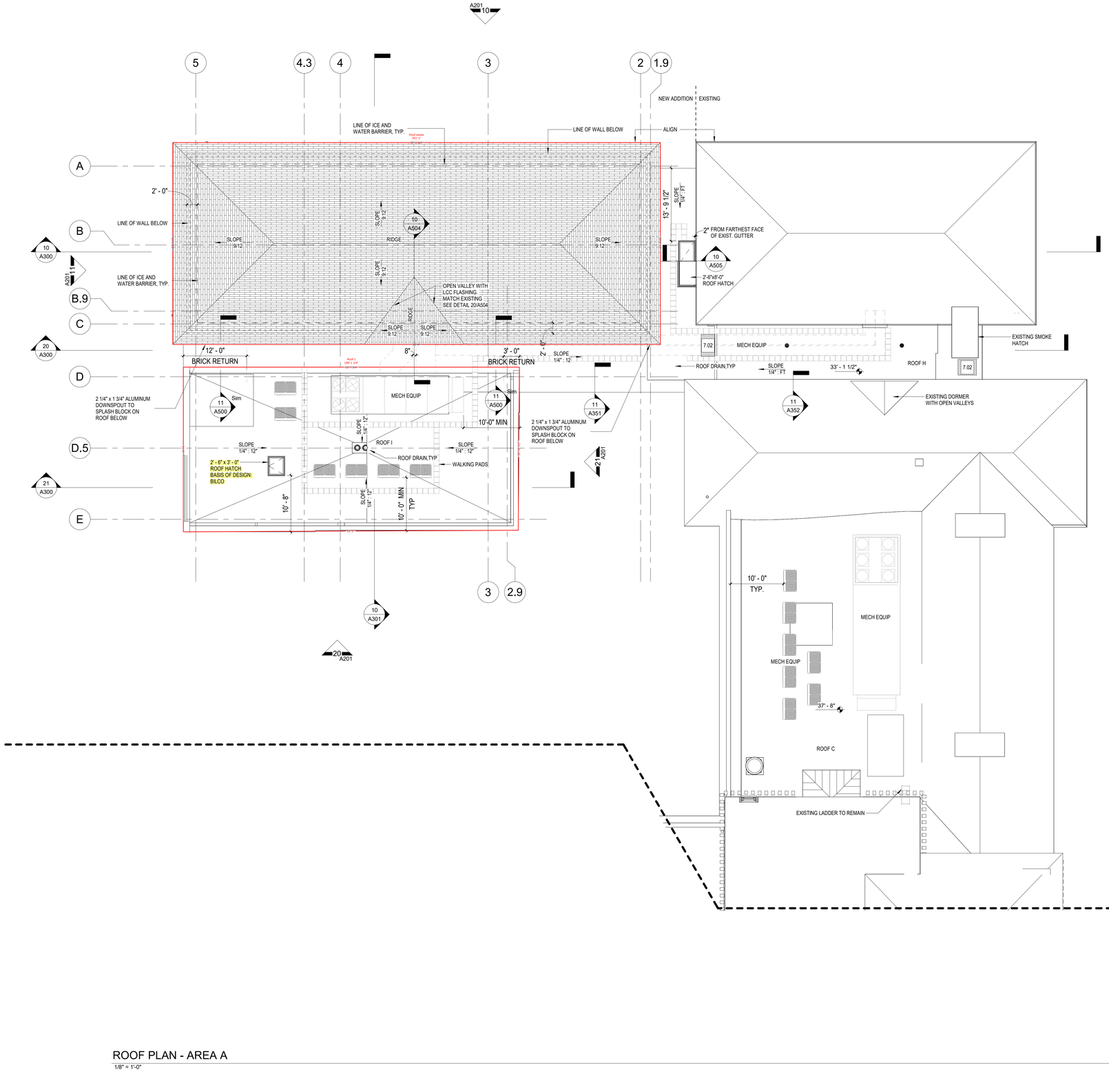
C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

7.02 PATCH AND REPAIR ROOF WITH SIMILAR MATERIAL AND CONSTRUCTION.

LEGEND
F.O.B FACE OF BRICK



ROOF PLAN - AREA A
1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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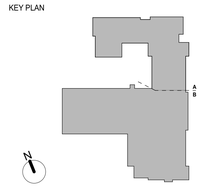
SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - ROOF AREA A

A115-A

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SHEET NOTES

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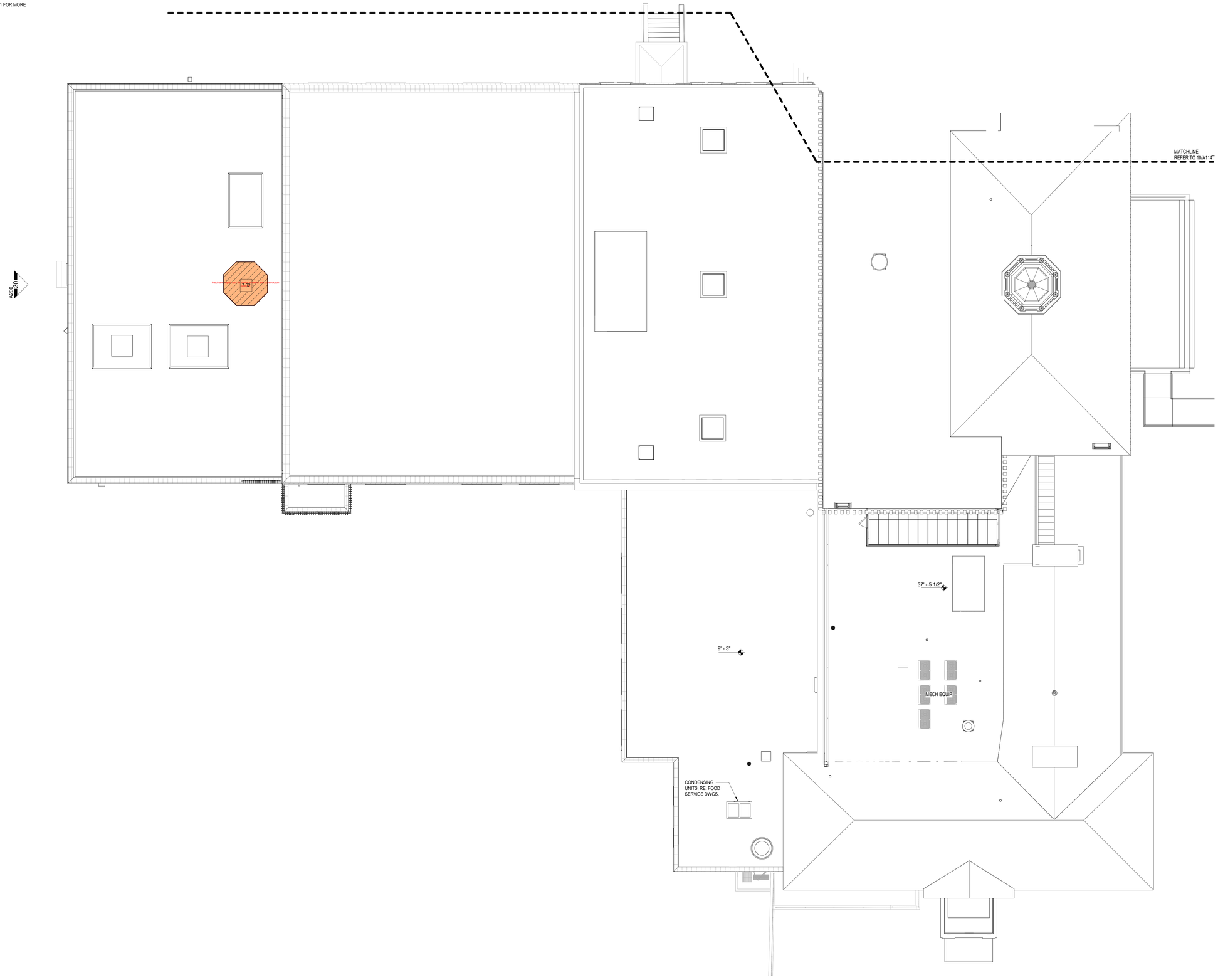
B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

7.02 PATCH AND REPAIR ROOF WITH SIMILAR MATERIAL AND CONSTRUCTION.



ROOF PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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THE LA GROUP
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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

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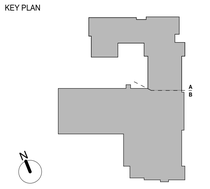
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

PART PLAN - ROOF AREA B

A115-B

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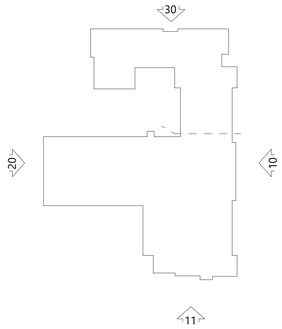
SHEET NOTES

KEY NOTES

9.84 PREPARE AND PAINT ENTRY PORTICO.

KEY PLAN

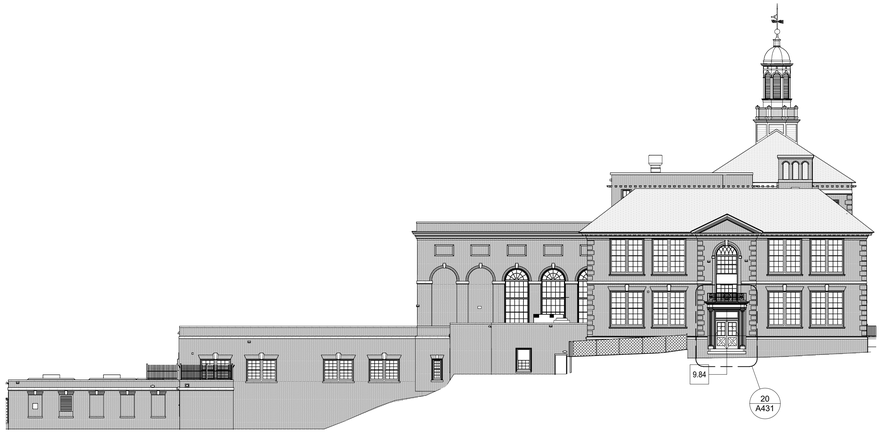




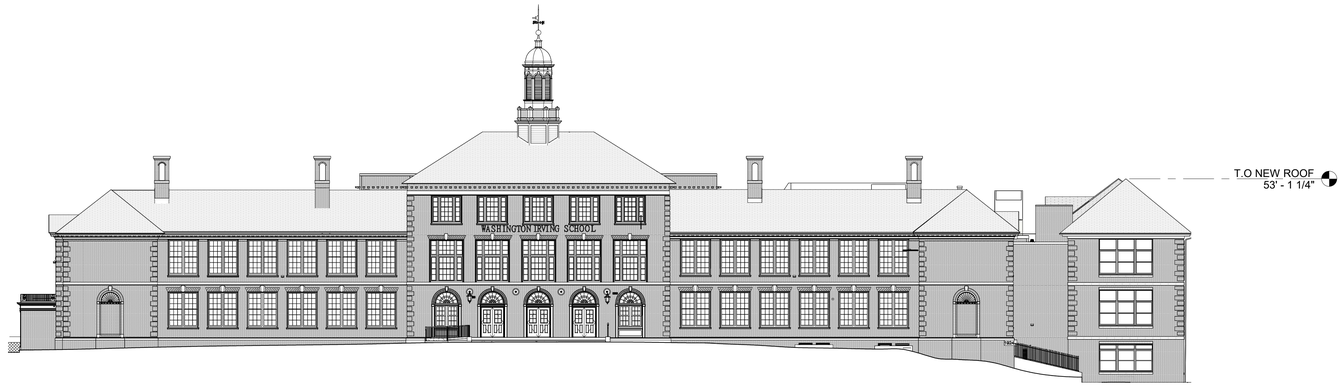
OVERALL NORTH ELEVATION
1/16" = 1'-0"
30



OVERALL WEST ELEVATION
1/16" = 1'-0"
20



OVERALL SOUTH ELEVATION
1/16" = 1'-0"
11



OVERALL EAST ELEVATION
1/16" = 1'-0"
10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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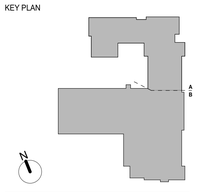
KEY PLAN



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OVERALL BUILDING ELEVATIONS

A200

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

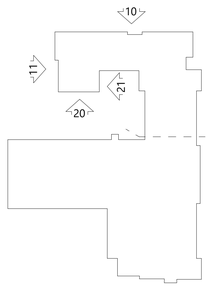
B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

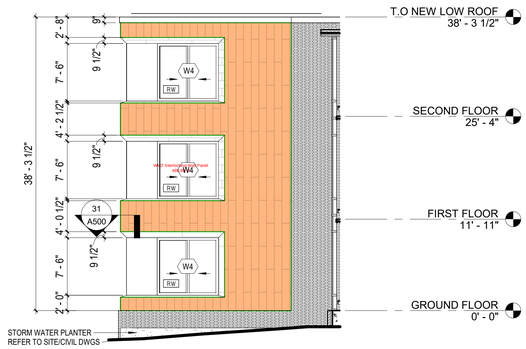
C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

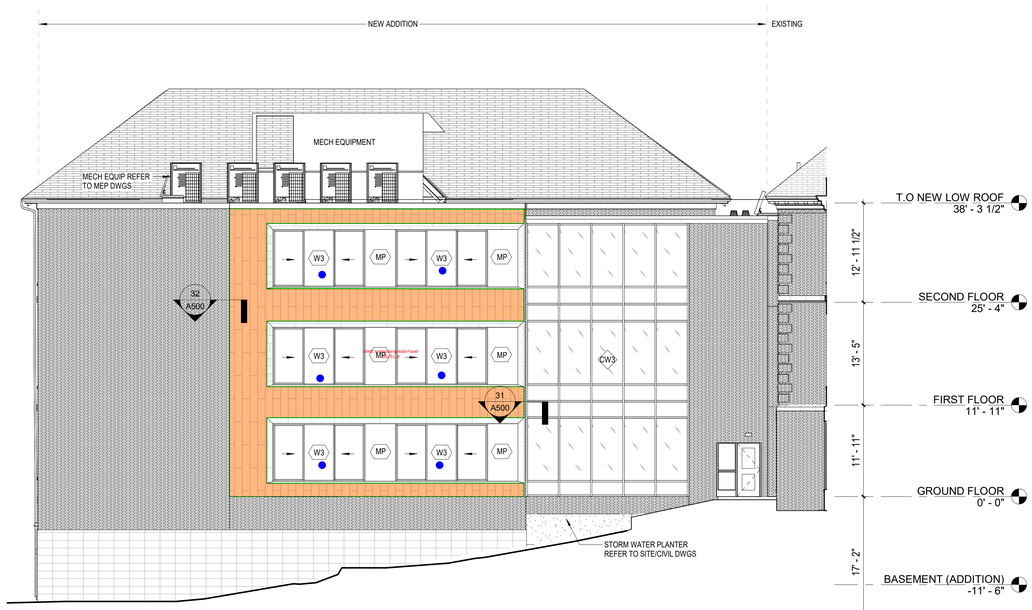
KEY PLAN





Legend

Description	Quantity	Unit
WMZ Interlocking Wall Panel	1,591.66	sf



Legend

Description	Quantity	Unit
W1	24	Count

Legend

Description	Quantity	Unit
W2	12	Count

Legend

Description	Quantity	Unit
W3	6	Count

EAST ELEVATION - NEW ADDITION

1/8" = 1'-0"

21

SOUTH ELEVATION - NEW ADDITION

1/8" = 1'-0"

20





WEST ELEVATION - NEW ADDITION

1/8" = 1'-0"

11

NORTH ELEVATION - EXISTING AND NEW ADDITION

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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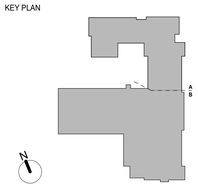
KEY PLAN



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BUILDING ELEVATIONS - NEW ADDITION

A201

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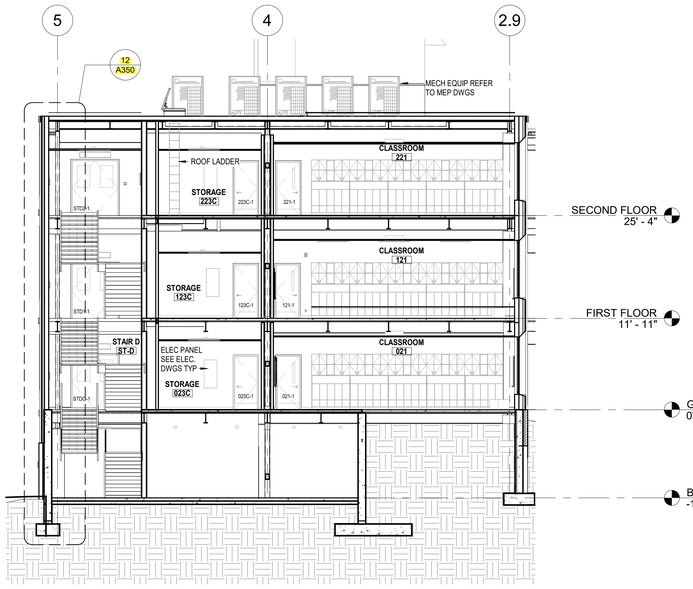
SHEET NOTES

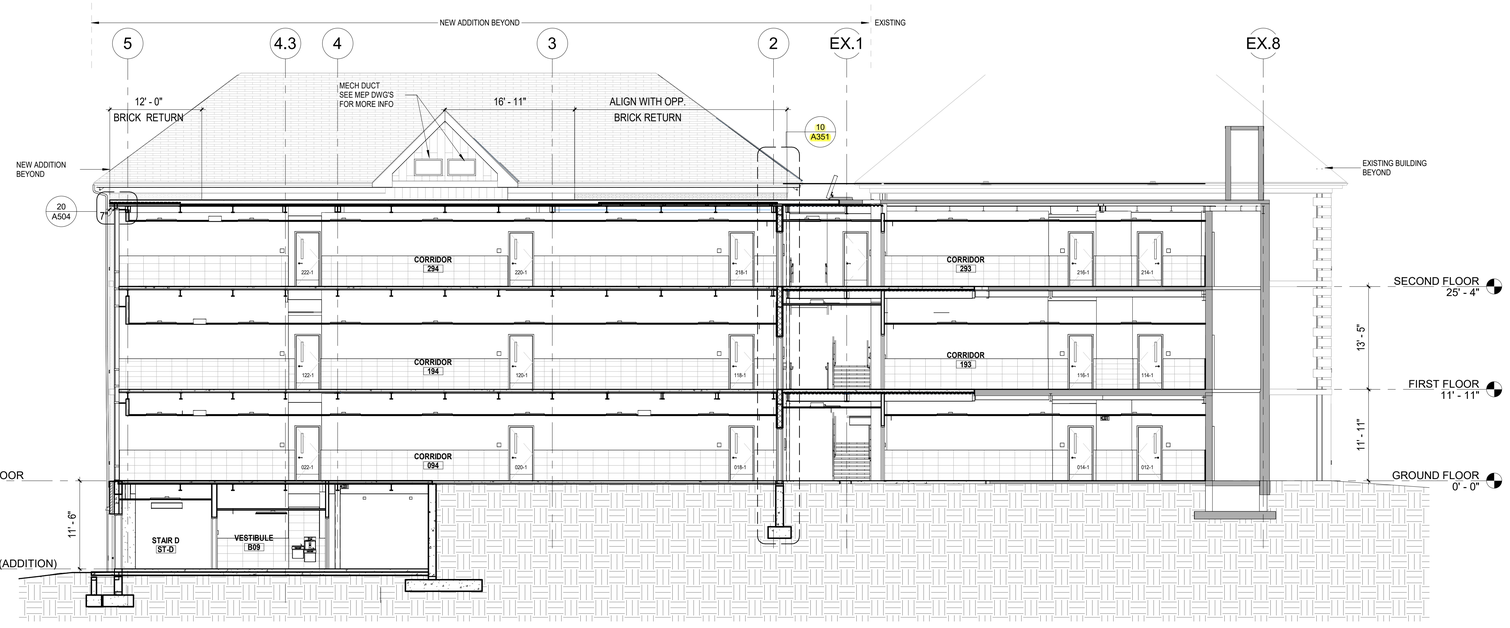
KEY NOTES



BUILDING SECTION THROUGH STAIR D

1/8" = 1'-0"

21



BUILDING SECTION - THROUGH CORRIDOR

1/8" = 1'-0"

20

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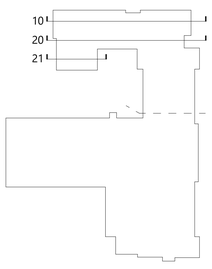
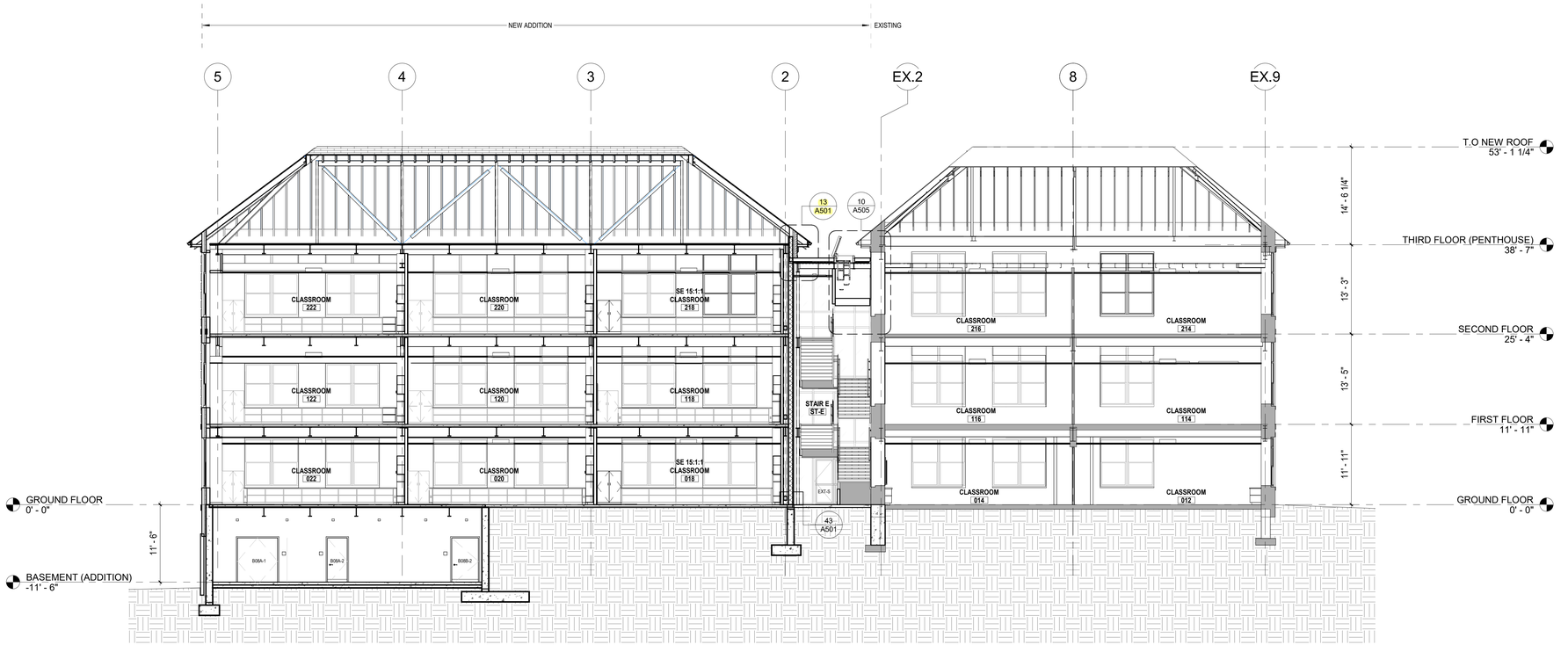
KEY PLAN





BUILDING SECTION - THROUGH CLASSROOMS

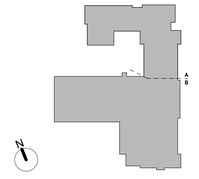
1/8" = 1'-0"

10

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

BUILDING SECTIONS

A300

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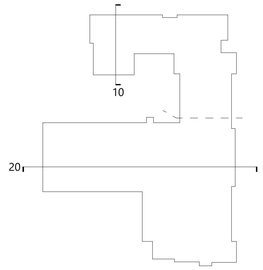
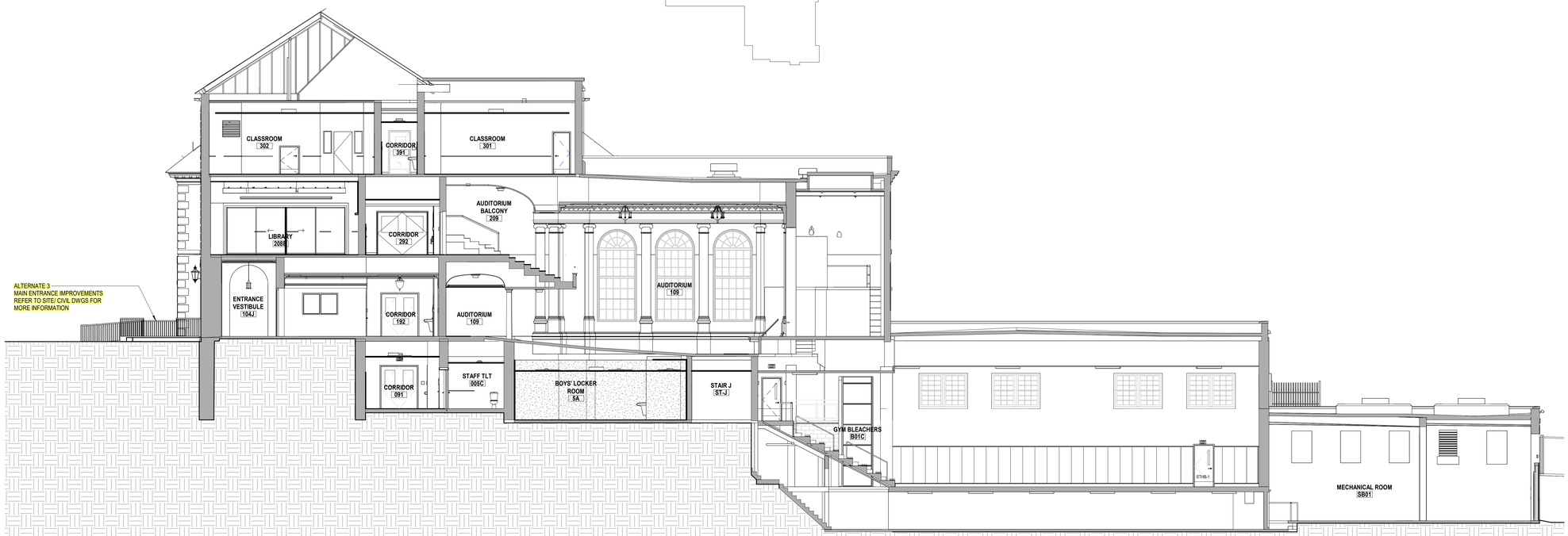
SHEET NOTES

KEY NOTES

KEY PLAN

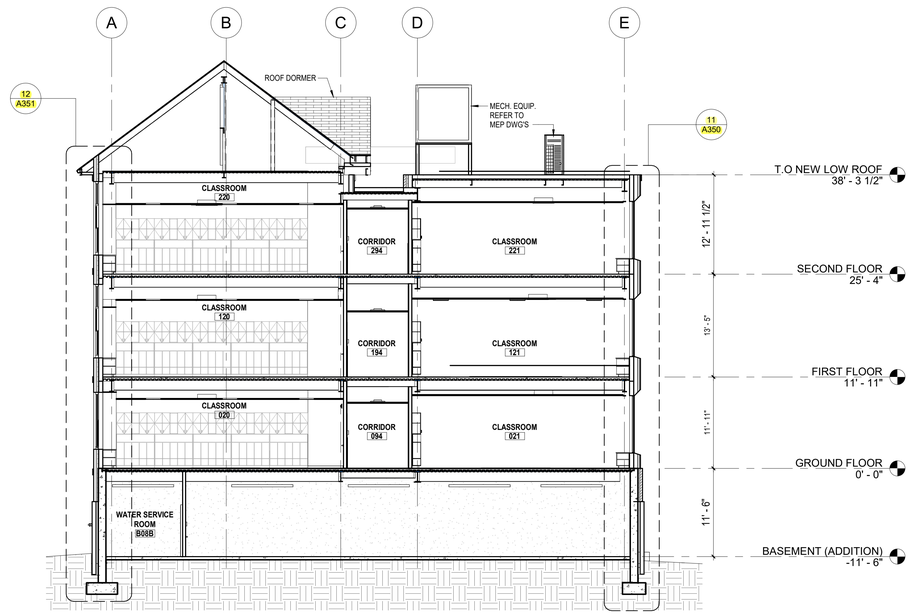




BUILDING SECTION BOILER ROOM / GYMNASIUM / AUDITORIUM / LIBRARY / STEAM - AREA B

1/8" = 1'-0"

20



BUILDING SECTION - CLASSROOM - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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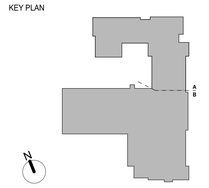

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MEMASI PROJECT NO. 101 - 2403

BUILDING SECTIONS

A301

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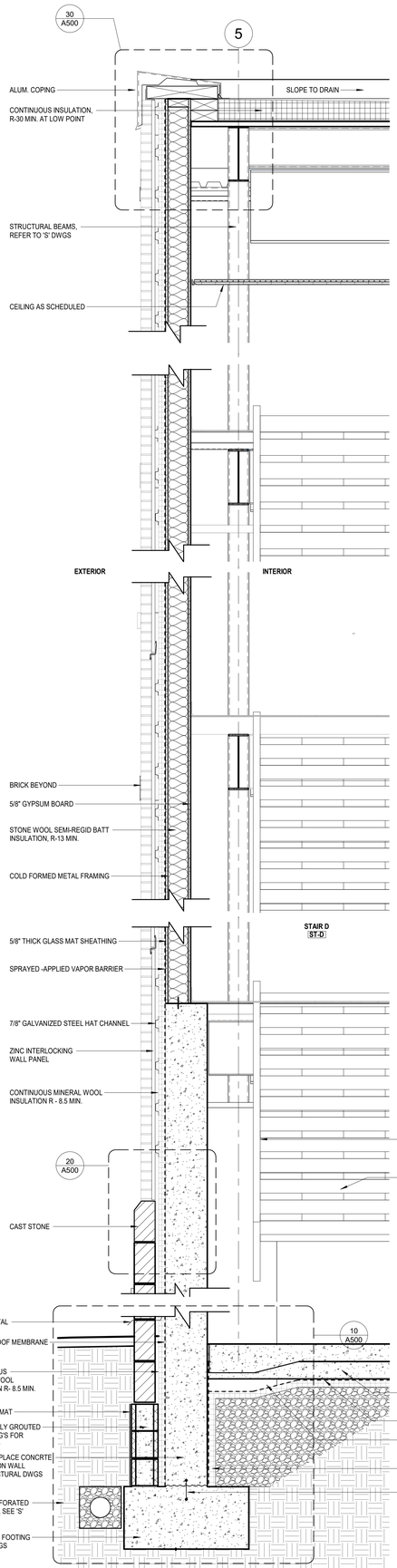
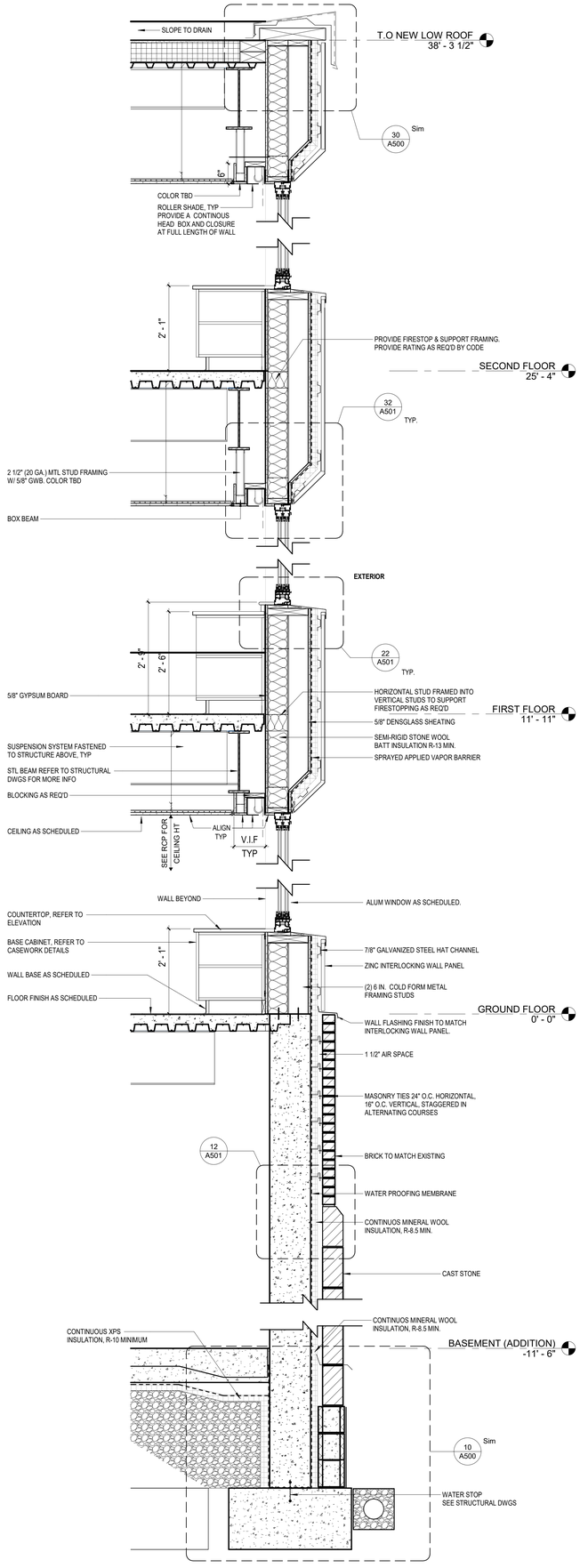


WALL SECTION @ STAIR D

3/4" = 1'-0"

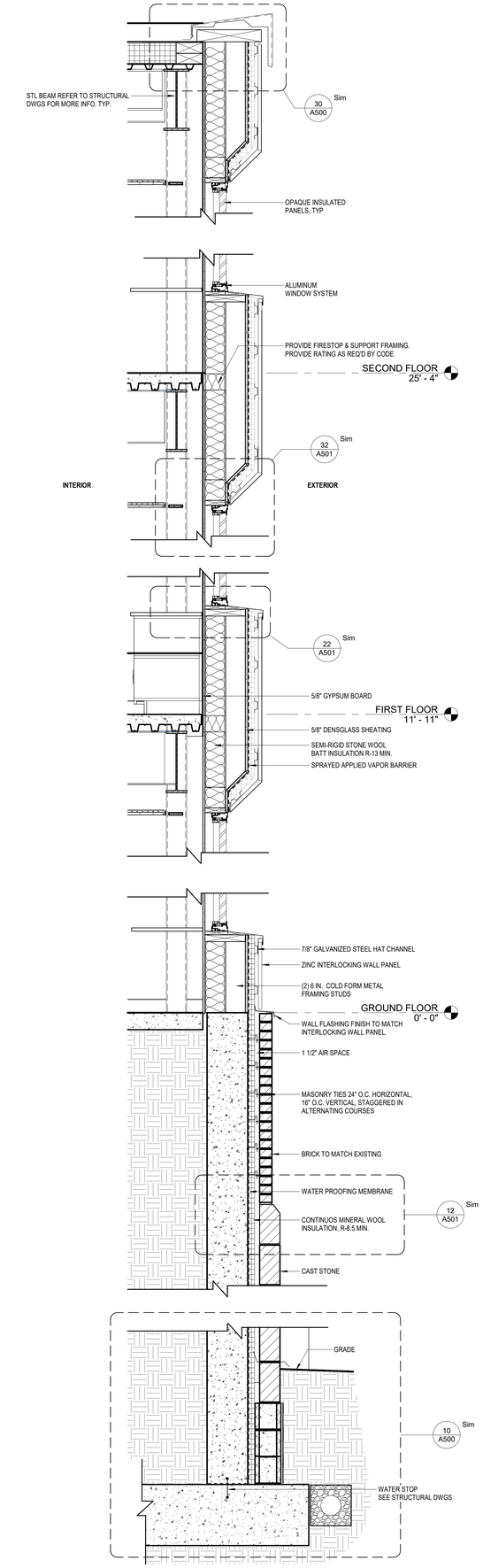
12



WALL SECTION @ SLOPED CLASSROOM WINDOW

3/4" = 1'-0"

11



WALL SECTION THROUGH METAL PANEL @ CLASSROOM

3/4" = 1'-0"

10

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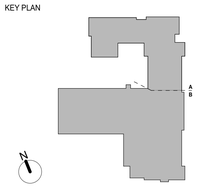

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WALL SECTIONS

A350

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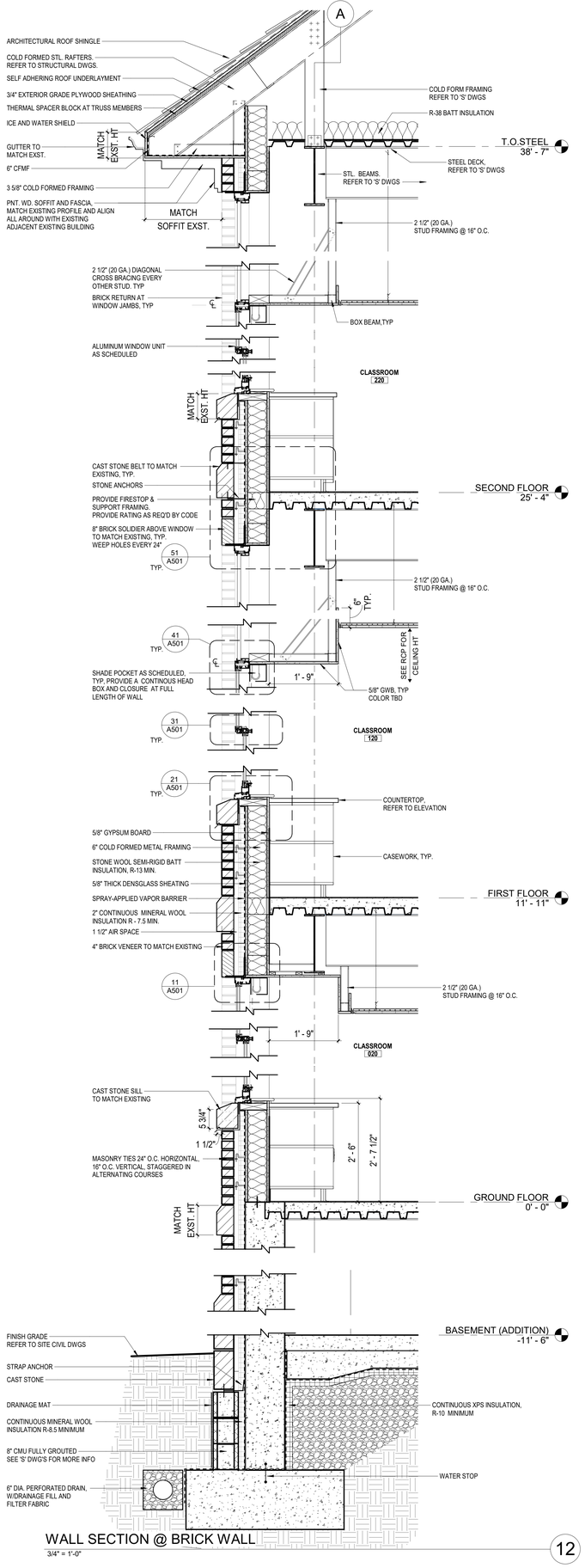
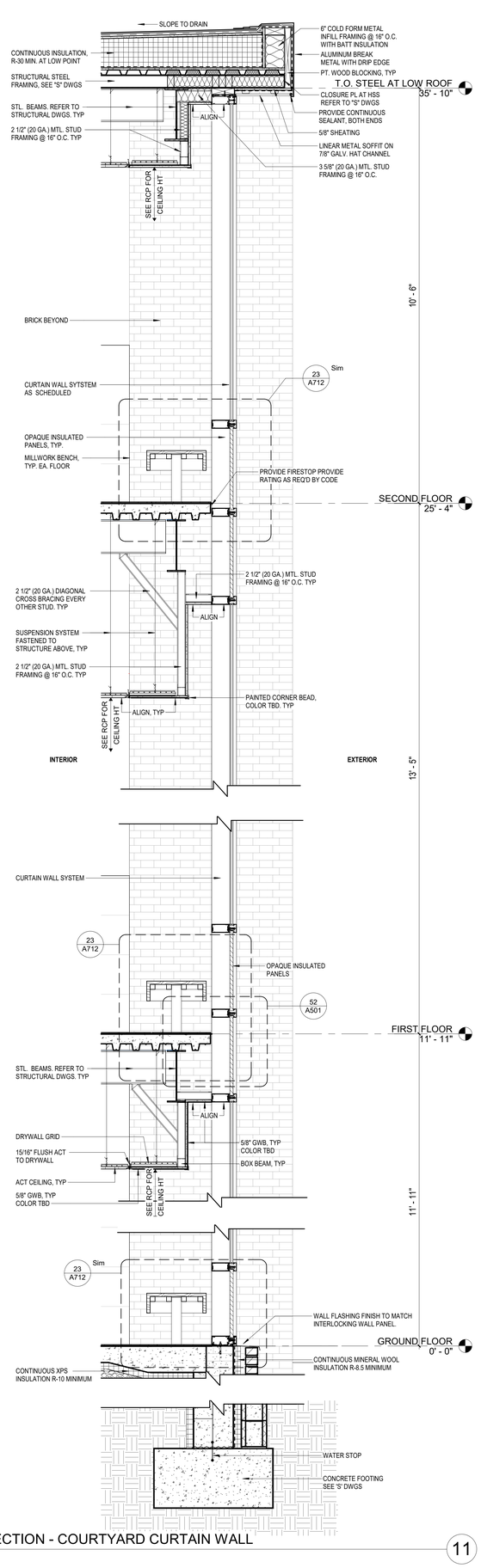


WALL SECTION @ BRICK WALL

3/4" = 1'-0"

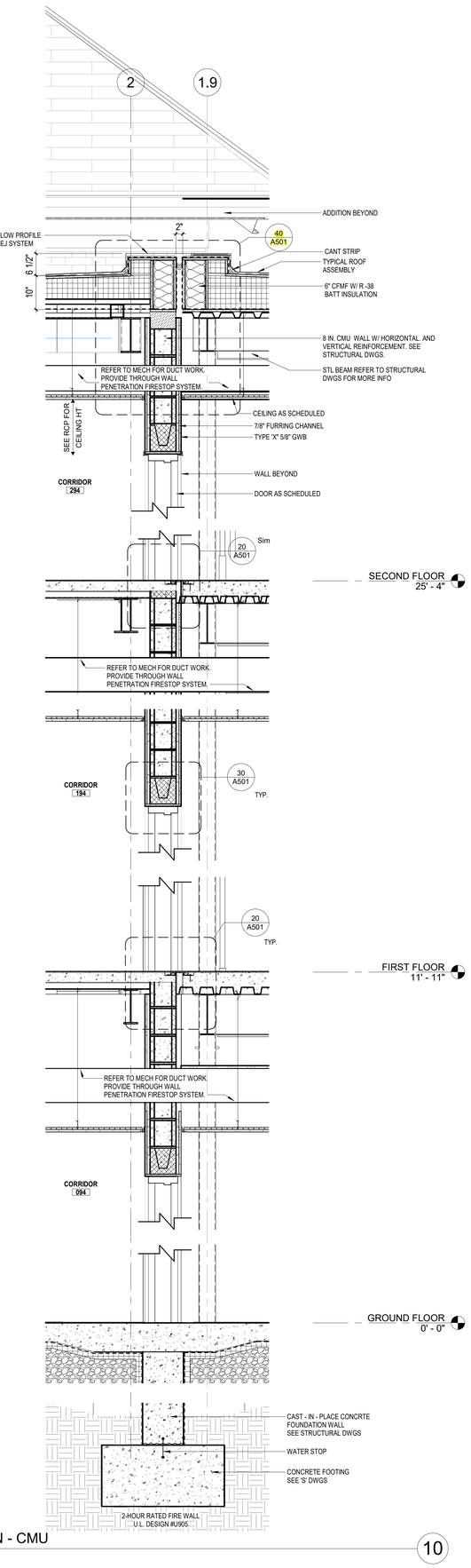
12



WALL SECTION - COURTYARD CURTAIN WALL

3/4" = 1'-0"

11



WALL SECTION - CMU

3/4" = 1'-0"

10

Public Schools of the Tarrytowns

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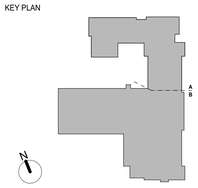

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WALL SECTIONS

A351

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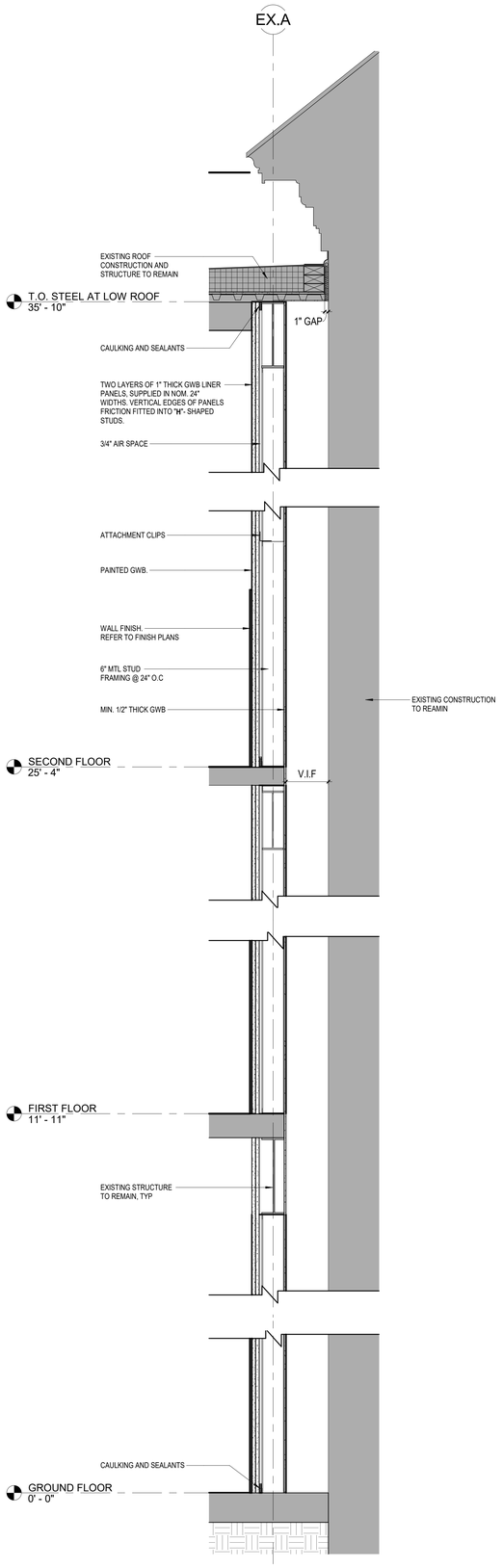
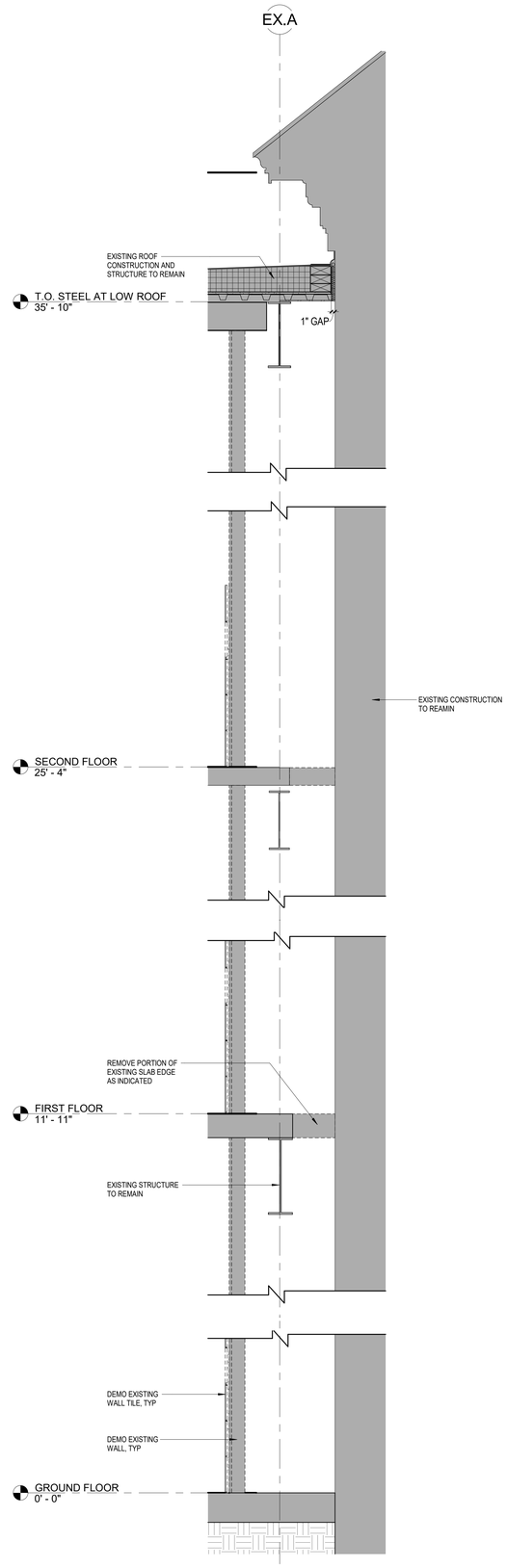


WALL SECTION @ FIREWALL
3/4" = 1'-0"

11



DEMOLITION WALL SECTION @ 1997 ADDITION
3/4" = 1'-0"

10

Public Schools of the Tarrytowns

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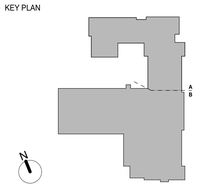

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WALL SECTIONS

A352

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SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALLS ENTIRETY. REFER TO CONSTRUCTION NOTES #S.1- #S.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
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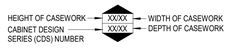
KEY NOTES

CASEWORK LEGEND



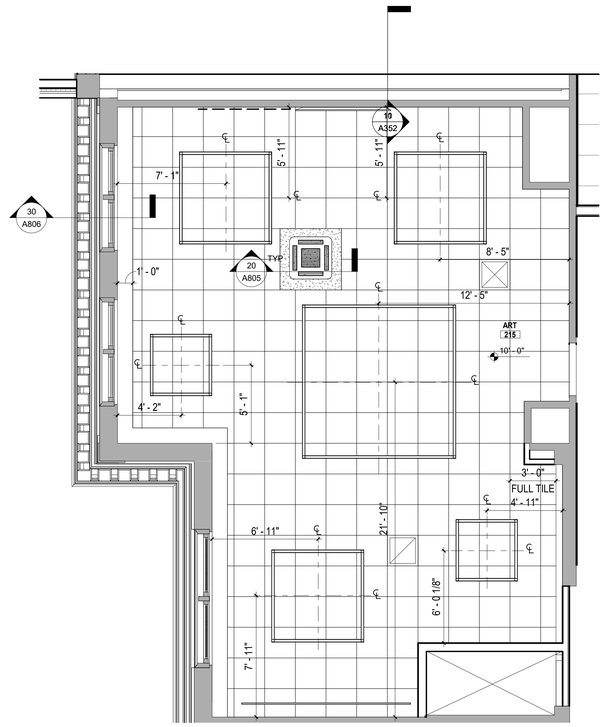
SYMBOL/ABBREVIATION LEGEND

SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD

LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

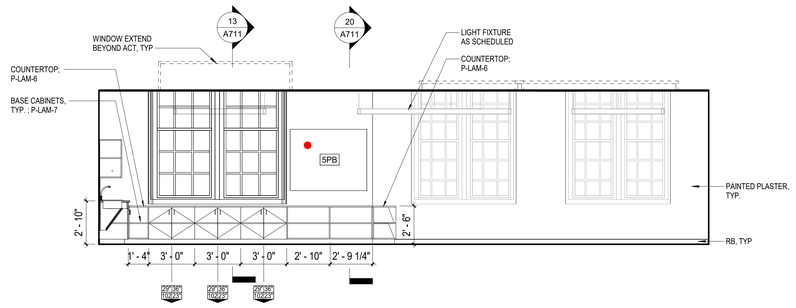
SPECIALTY EQUIPMENT LEGEND		
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



ENLARGED REFLECTED CEILING PLAN - ART ROOM

1/4" = 1'-0"

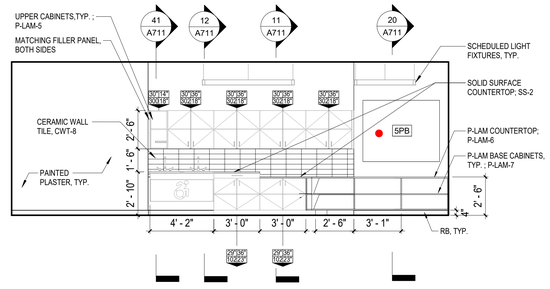
30



ART ROOM - WEST ELEVATION

1/4" = 1'-0"

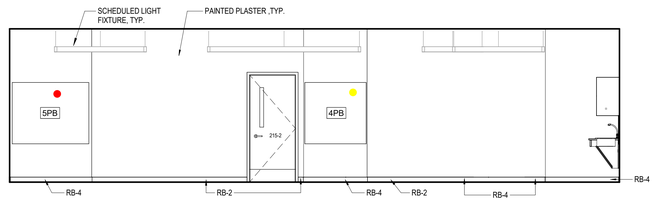
22



ART ROOM - SOUTH ELEVATION

1/4" = 1'-0"

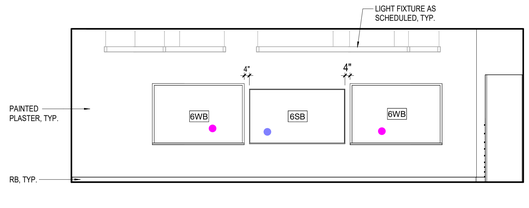
21



ART ROOM - EAST ELEVATION

1/4" = 1'-0"

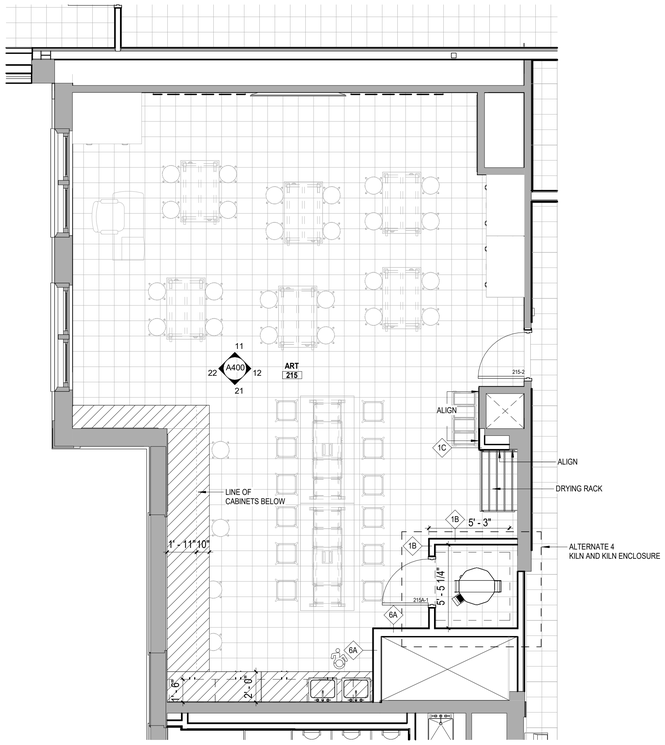
12



ART ROOM - NORTH ELEVATION

1/4" = 1'-0"

11



ENLARGED FLOOR PLAN - ART ROOM

1/4" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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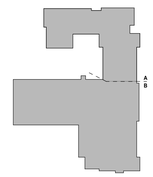
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

ART ROOM ENLARGED PLAN AND INTERIOR ELEVATIONS

A400

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KEY NOTES

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CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

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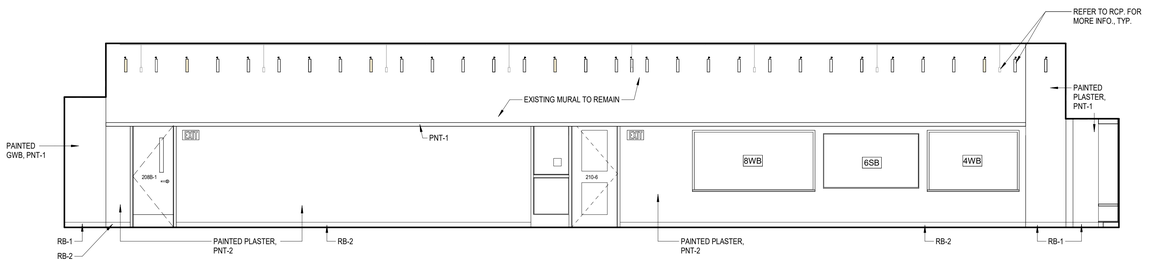
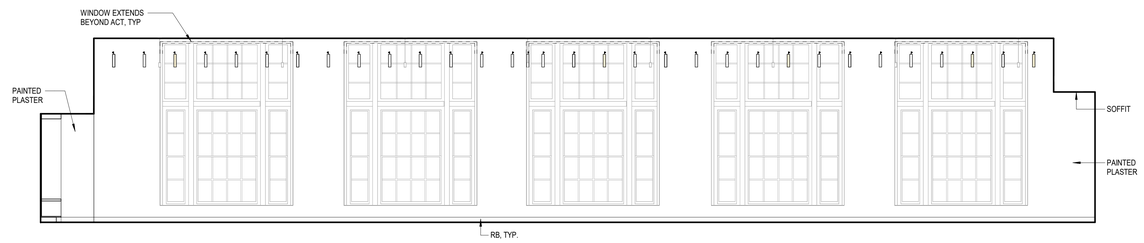
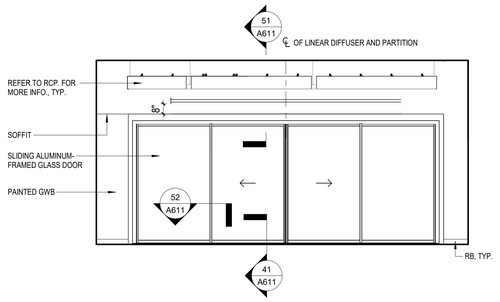


LIBRARY - WEST ELEVATION 41

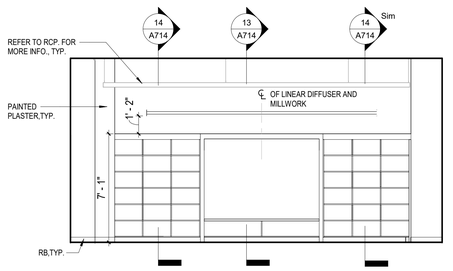
1/4" = 1'-0"





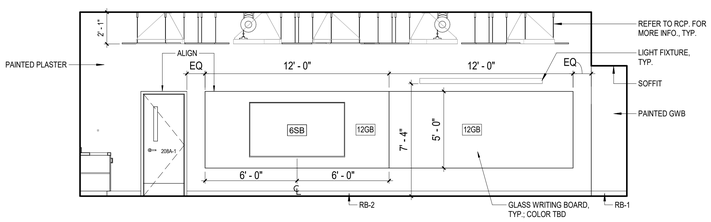
LIBRARY - SOUTH ELEVATION 40

1/4" = 1'-0"



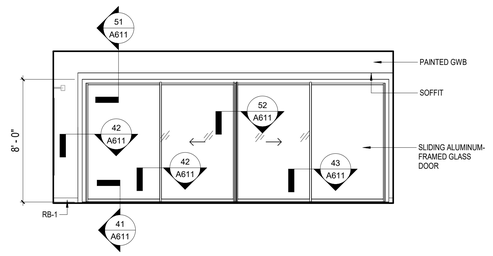
LIBRARY - EAST ELEVATION 31

1/4" = 1'-0"



LIBRARY - NORTH ELEVATION 30

1/4" = 1'-0"

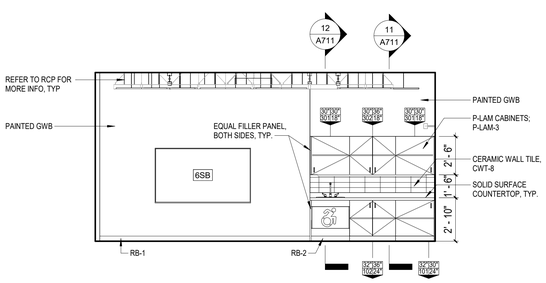


STEM LAB ELEVATION 21

1/4" = 1'-0"

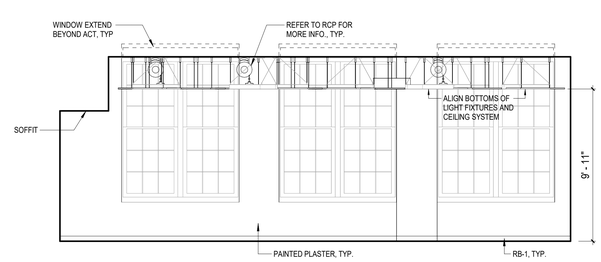
STEM LAB - NORTH ELEVATION 20

1/4" = 1'-0"



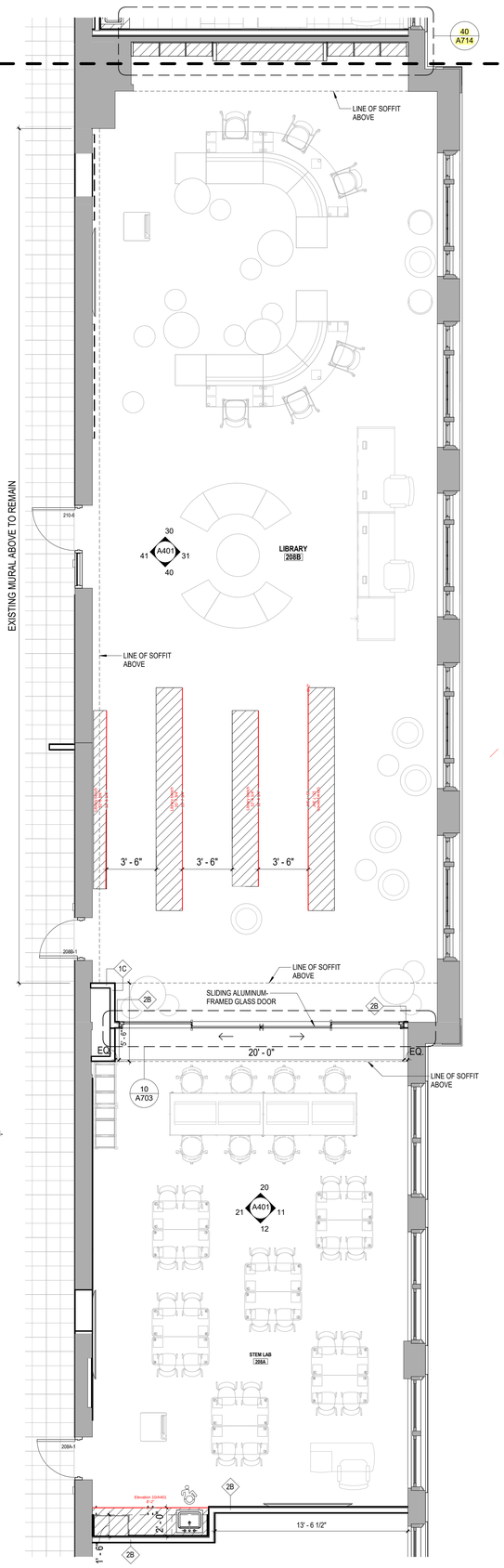
STEM LAB - SOUTH ELEVATION 12

1/4" = 1'-0"



STEM LAB - EAST ELEVATION 11

1/4" = 1'-0"



STEAM LAB AND LIBRARY - ENLARGED PLAN 10

1/4" = 1'-0"

Legend

Description	Quantity	Unit
Library bench	56.1802	ft

Public Schools of the Tarrytowns

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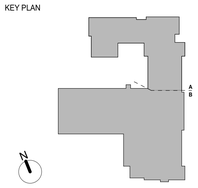

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

STEAM LAB AND LIBRARY ENLARGED PLANS AND ELEVATIONS

A401

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Legend

Description	Quantity	Unit
CLNG-1	29	Count

Legend

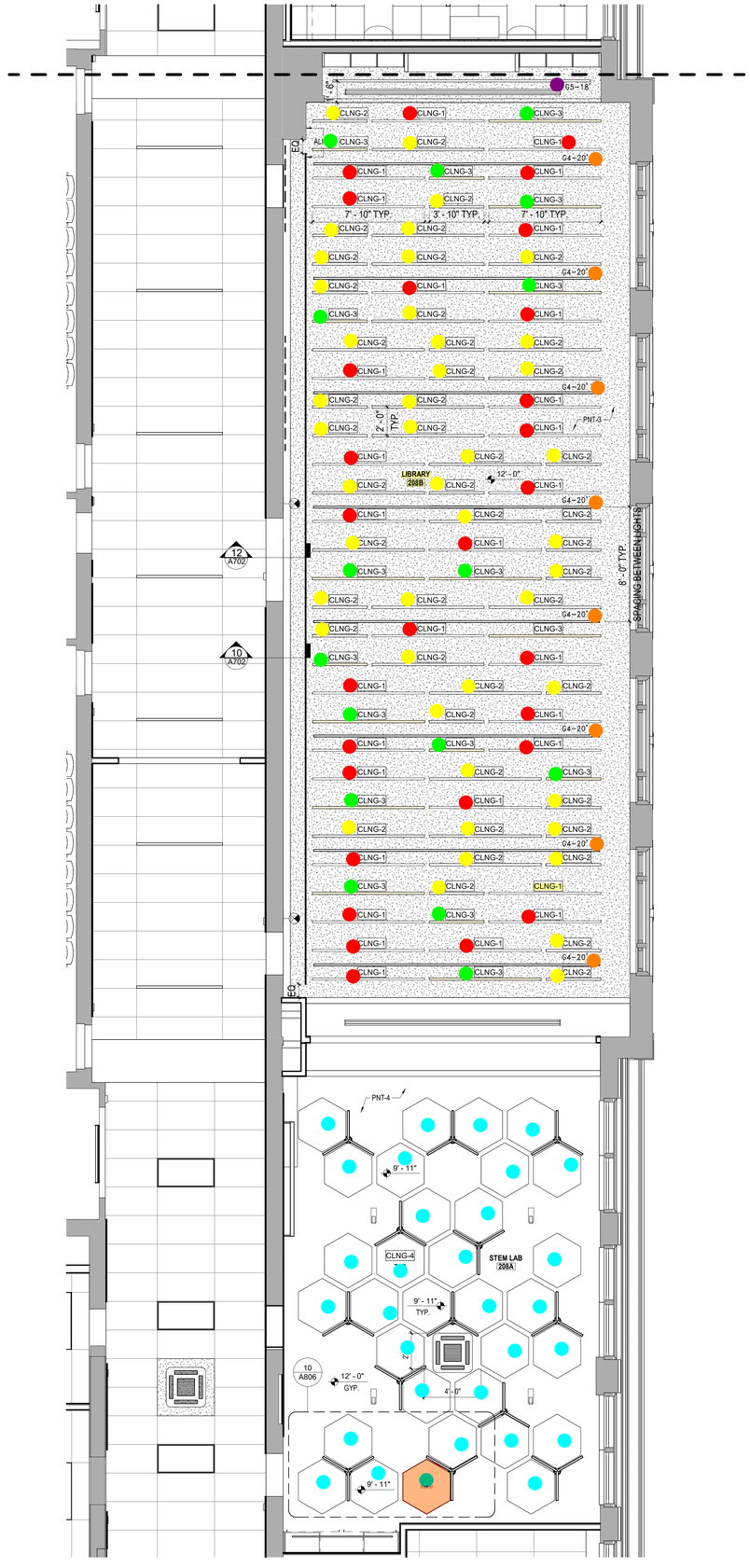
Description	Quantity	Unit
CLNG-2	45	Count

Legend

Description	Quantity	Unit
CLNG-3	16	Count

Legend

Description	Quantity	Unit
CLNG-4	31	Count



ENLARGED REFLECTED CEILING PLAN - LIBRARY & STEAM LAB

1/4" = 1'-0"

10

Public Schools of the Tarrytowns

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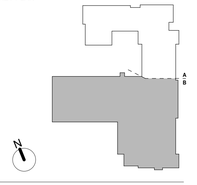
KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

ENLARGED REFLECTED CEILING PLAN - LIBRARY & STEAM LAB

A401.1

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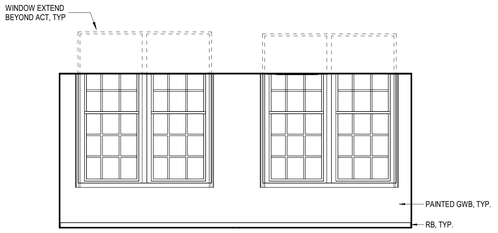
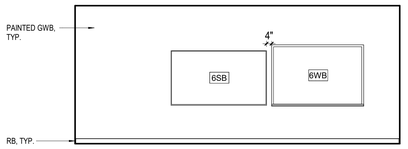
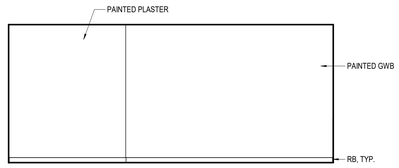


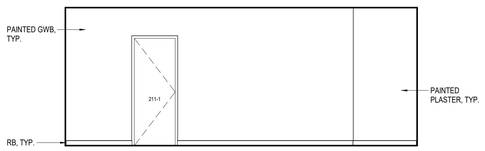
MUSIC PRACTICE - WEST ELEVATION 52
1/4" = 1'-0"



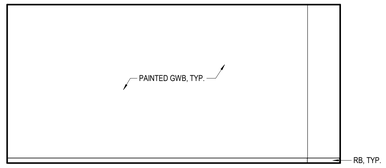
MUSIC PRACTICE - NORTH ELEVATION 51
1/4" = 1'-0"

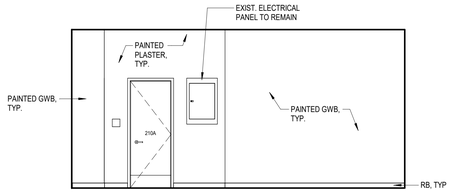


MUSIC PRACTICE - SOUTH ELEVATION 42
1/4" = 1'-0"



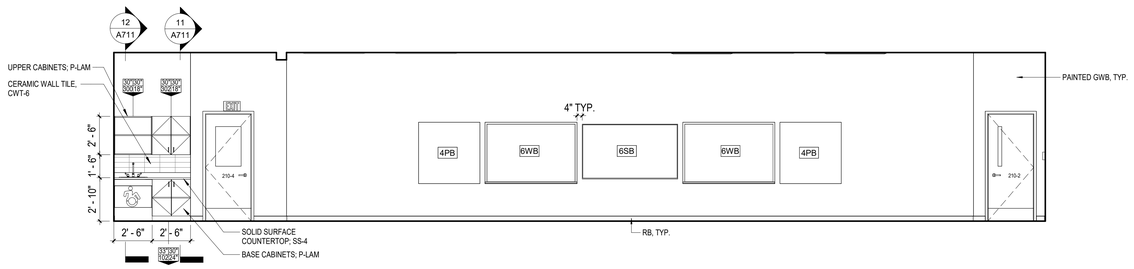
MUSIC PRACTICE - EAST ELEVATION 41
1/4" = 1'-0"



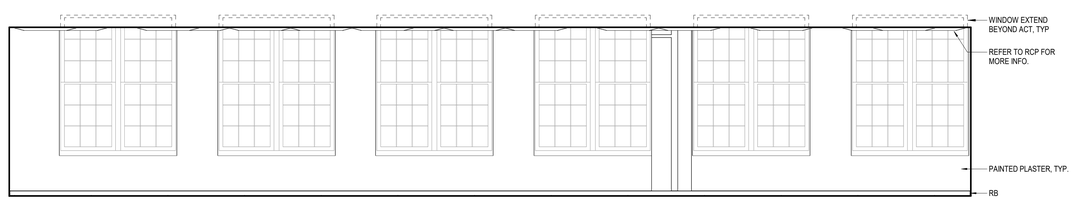


BAND & ORCHESTRA ROOM - SOUTH ELEVATION 32
1/4" = 1'-0"

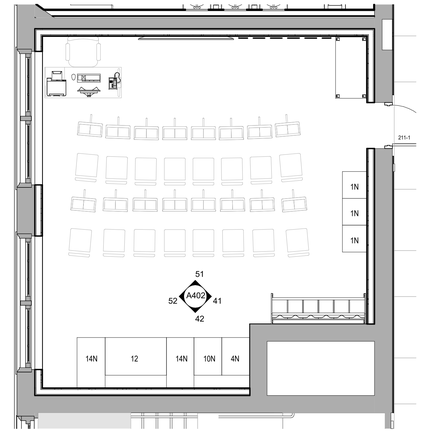
BAND & ORCHESTRA ROOM - NORTH ELEVATION 31
1/4" = 1'-0"



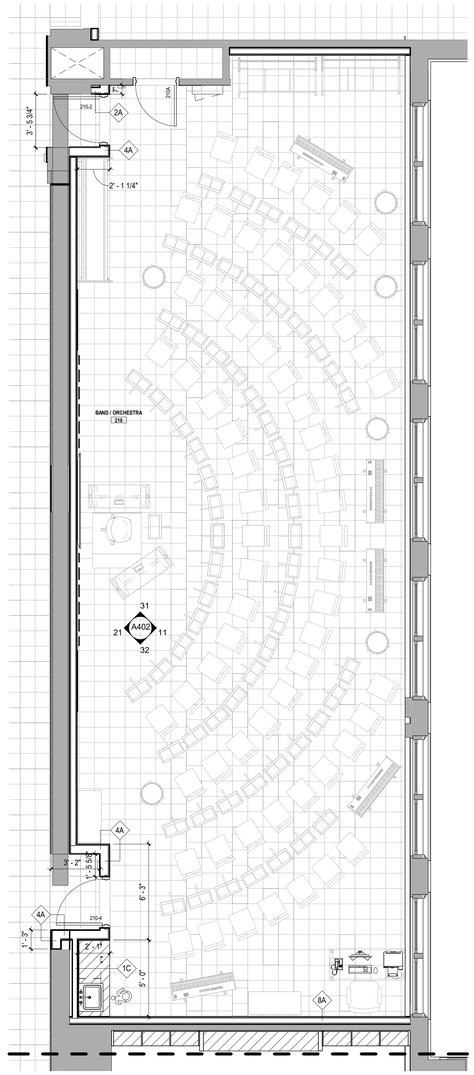
BAND & ORCHESTRA ROOM - WEST ELEVATION 21
1/4" = 1'-0"



BAND & ORCHESTRA ROOM - EAST ELEVATION 11
1/4" = 1'-0"



MUSIC PRACTICE - ENLARGED PLAN 40
1/4" = 1'-0"



BAND AND ORCHESTRA ROOM - ENLARGED PLAN 10
1/4" = 1'-0"

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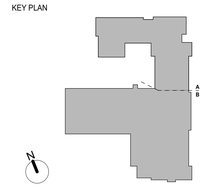
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

BAND AND ORCHESTRA ENLARGED PLAN AND ELEVATIONS

A402

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SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALL'S ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

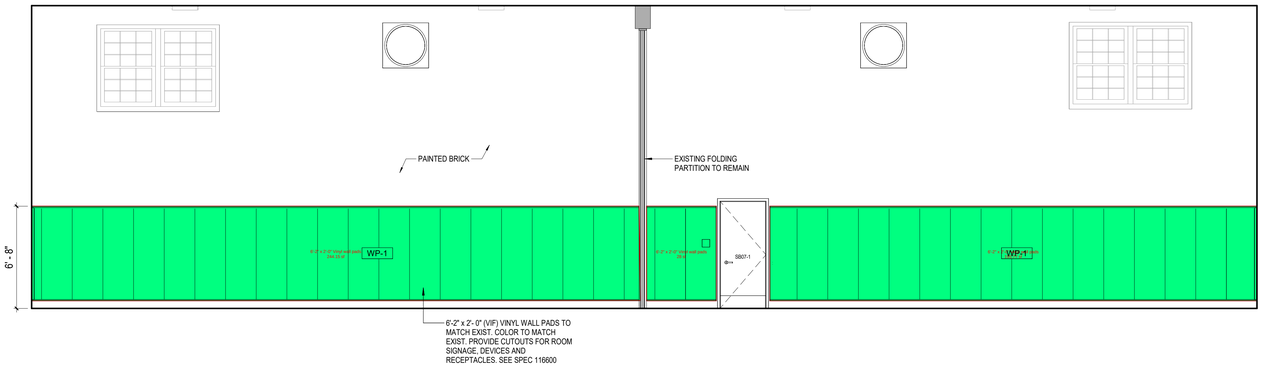
SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD

LEGEND

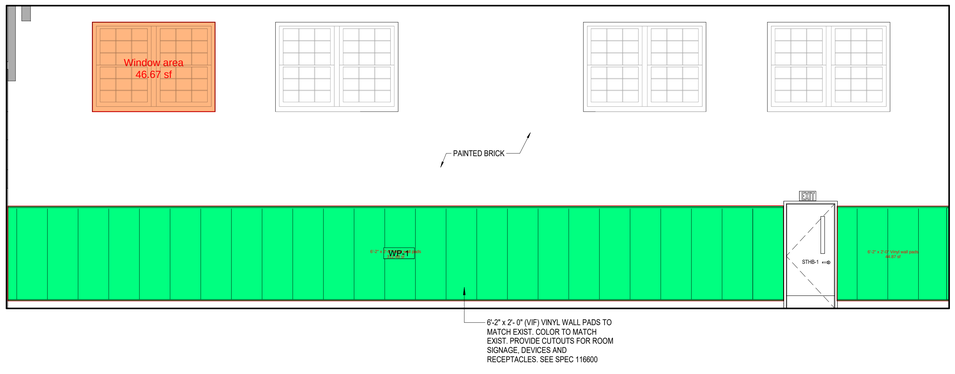
- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

Legend

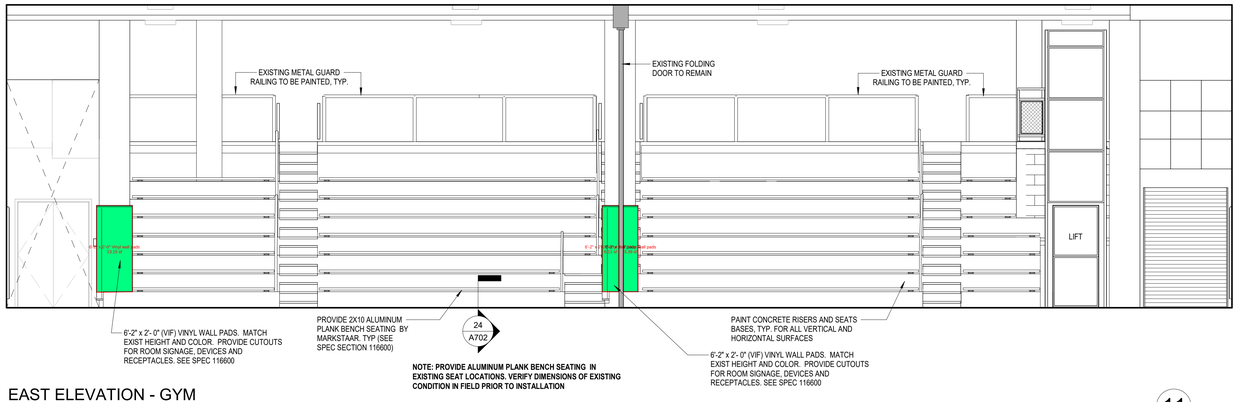
Description	Quantity	Unit
6'-2" x 2'-0" Vinyl wall pads	1,215.72	sf



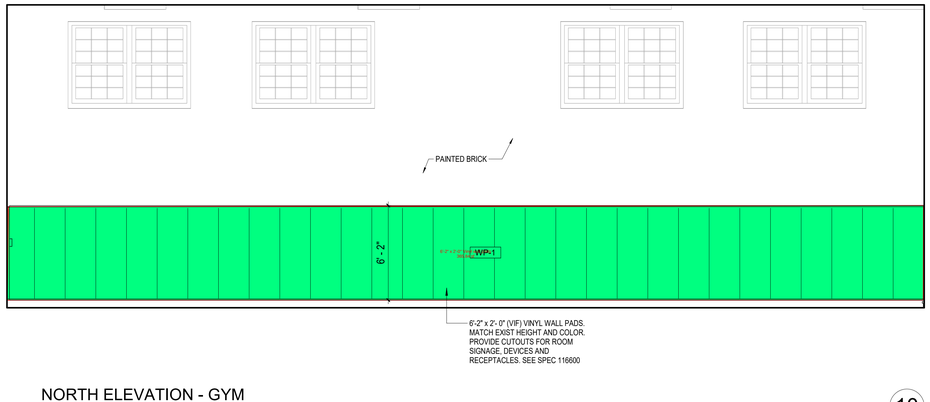
WEST ELEVATION - GYM
1/4" = 1'-0"
21



SOUTH ELEVATION - GYM
1/4" = 1'-0"
20



EAST ELEVATION - GYM
1/4" = 1'-0"
11



NORTH ELEVATION - GYM
1/4" = 1'-0"
10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

GYMNASIUM INTERIOR ELEVATIONS

A403

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SHEET NOTES

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KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

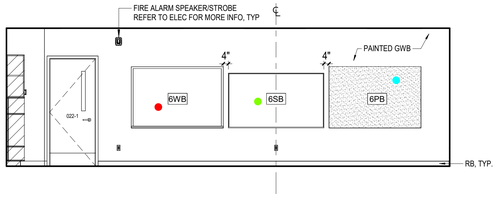
SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD

LEGEND

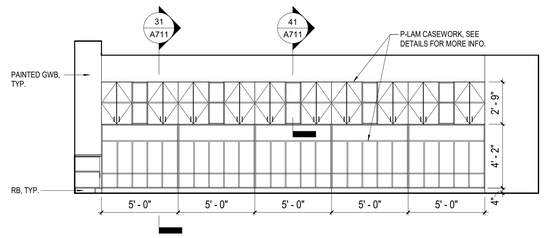
- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

SPECIALTY EQUIPMENT LEGEND

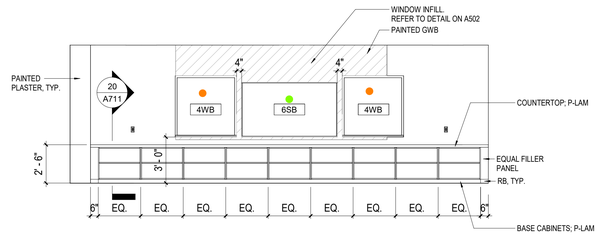
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



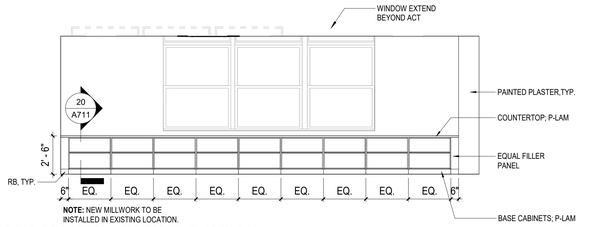
CLASSROOM (22) SOUTH WALL ELEVATION - NEW ADDITION 42
1/4" = 1'-0"



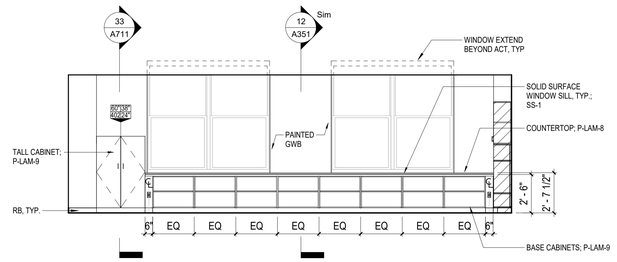
CLASSROOM (22) EAST WALL ELEVATION - NEW ADDITION 41
1/4" = 1'-0"



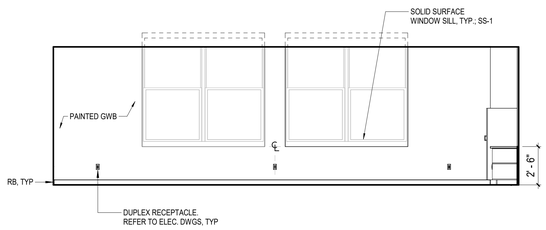
CLASSROOM (014) - WEST ELEVATION 50
1/4" = 1'-0"



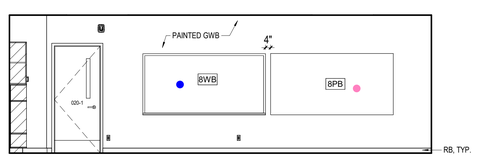
CLASSROOM (012) - EAST ELEVATION 40
1/4" = 1'-0"



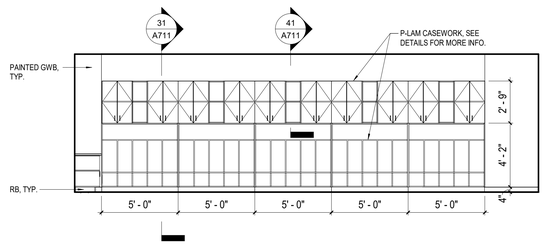
CLASSROOM (22) NORTH WALL ELEVATION - NEW ADDITION 32
1/4" = 1'-0"



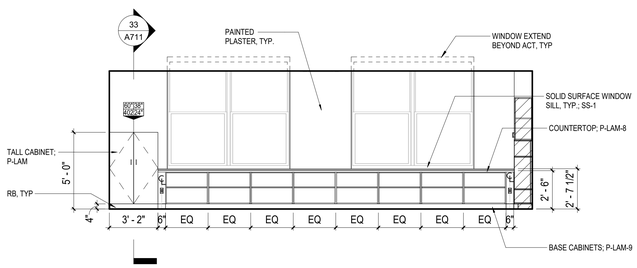
CLASSROOM (22) WEST WALL ELEVATION - NEW ADDITION 31
1/4" = 1'-0"



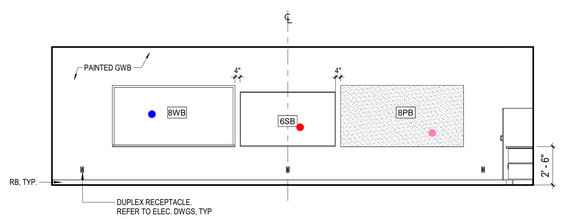
CLASSROOM (20) SOUTH WALL ELEVATION - NEW ADDITION 22
1/4" = 1'-0"



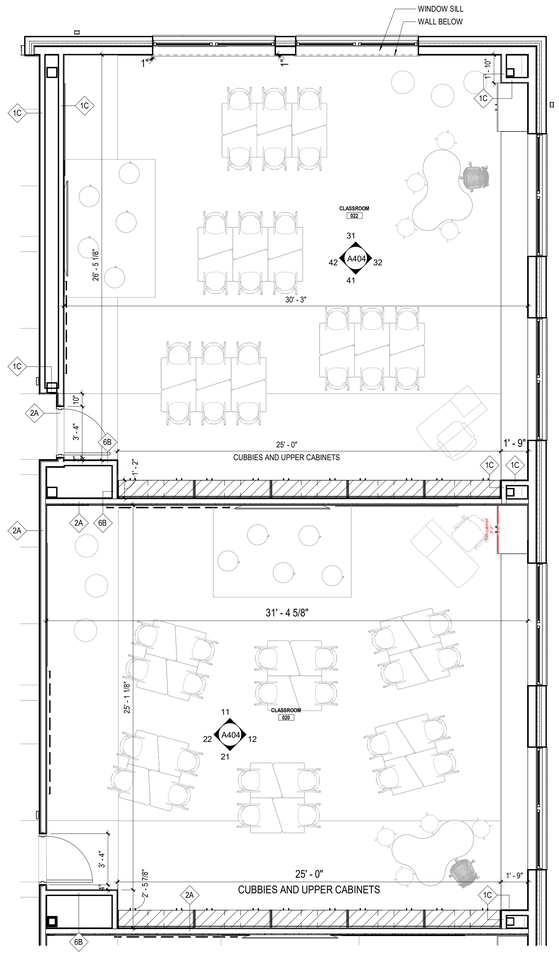
CLASSROOM (20) EAST WALL ELEVATION - NEW ADDITION 21
1/4" = 1'-0"



CLASSROOM (20) NORTH WALL ELEVATION - NEW ADDITION 12
1/4" = 1'-0"



CLASSROOM (20) WEST WALL ELEVATION- NEW ADDITION 11
1/4" = 1'-0"



TYPICAL CLASSROOM LAYOUTS - NEW ADDITION 10
1/4" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

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ISSUE	DATE

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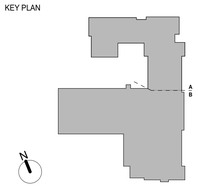

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

CLASSROOM ENLARGED PLANS AND INTERIOR ELEVATIONS

A404

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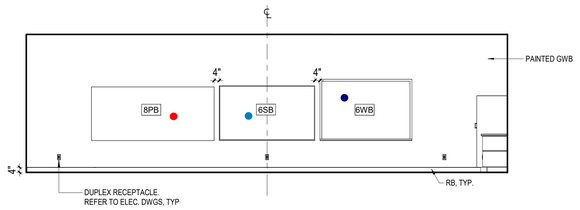
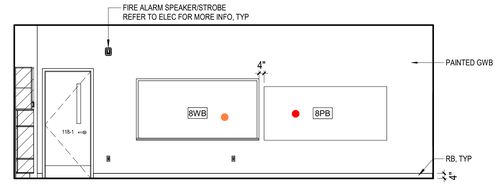
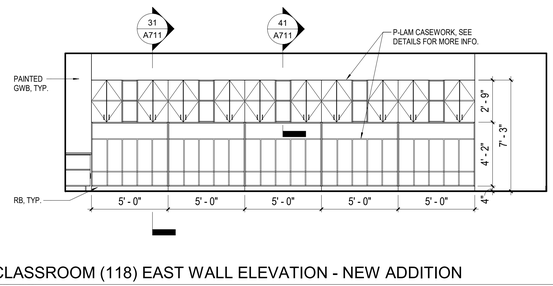
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



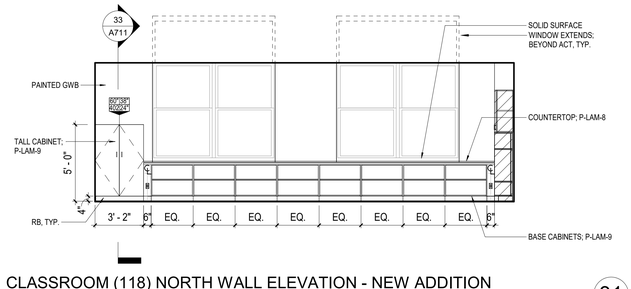
CLASSROOM (118) WEST WALL ELEVATION - NEW ADDITION 42
1/4" = 1'-0"



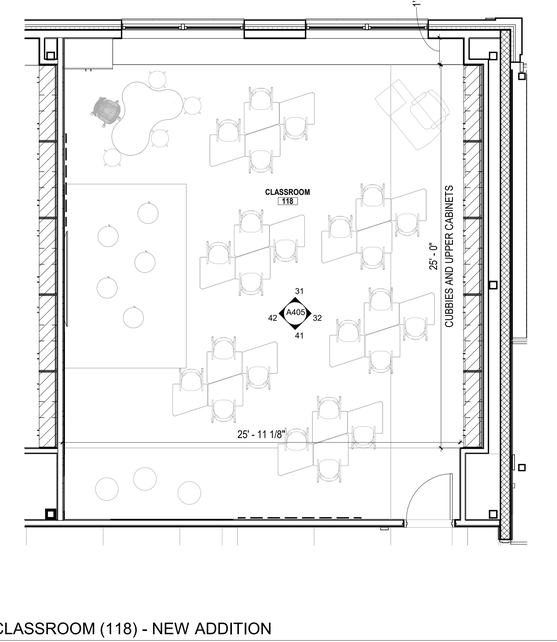
CLASSROOM (118) SOUTH WALL ELEVATION - NEW ADDITION 41
1/4" = 1'-0"



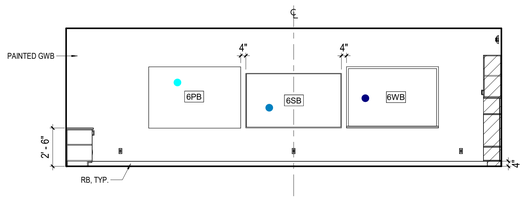
CLASSROOM (118) EAST WALL ELEVATION - NEW ADDITION 32
1/4" = 1'-0"



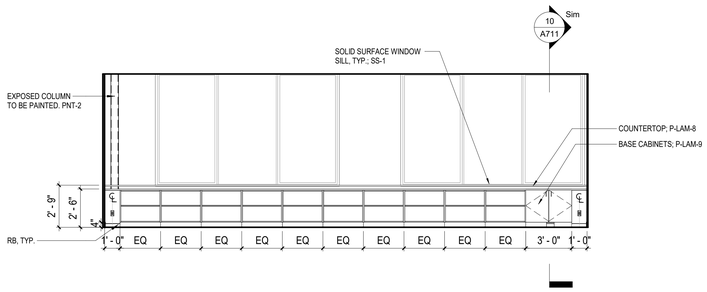
CLASSROOM (118) NORTH WALL ELEVATION - NEW ADDITION 31
1/4" = 1'-0"



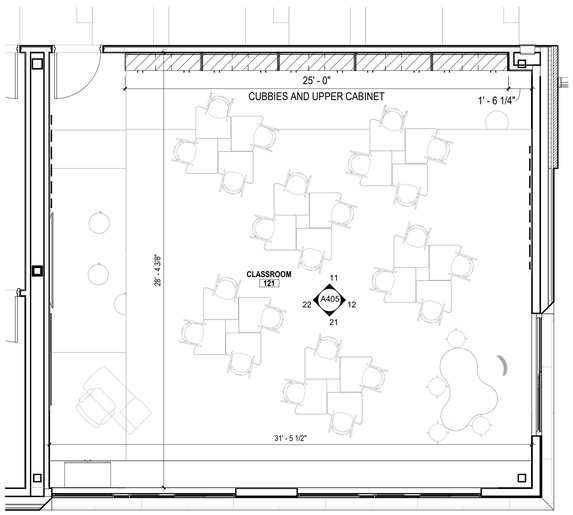
TYPICAL CLASSROOM (118) - NEW ADDITION 30
1/4" = 1'-0"



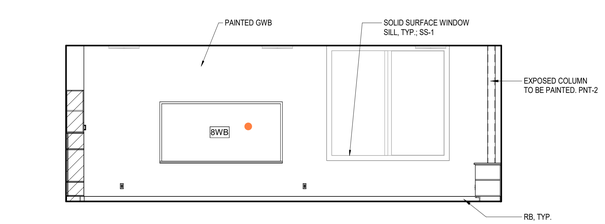
CLASSROOM (121) WEST WALL ELEVATION - NEW ADDITION 22
1/4" = 1'-0"



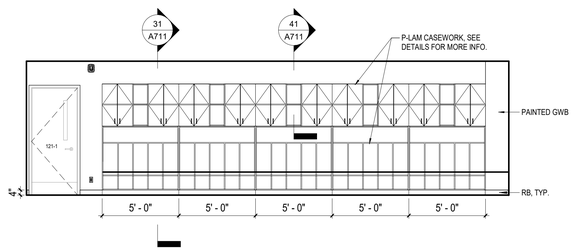
CLASSROOM (121) SOUTH WALL ELEVATION - NEW ADDITION 21
1/4" = 1'-0"



TYPICAL CLASSROOM LAYOUT - NEW ADDITION 10
1/4" = 1'-0"



CLASSROOM (121) EAST WALL ELEVATION - NEW ADDITION 12
1/4" = 1'-0"



CLASSROOM (121) NORTH WALL ELEVATION - NEW ADDITION 11
1/4" = 1'-0"

Public Schools of the Tarrytowns

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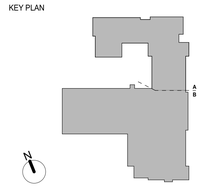

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
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CLASSROOM ENLARGED PLANS AND INTERIOR ELEVATIONS

A405

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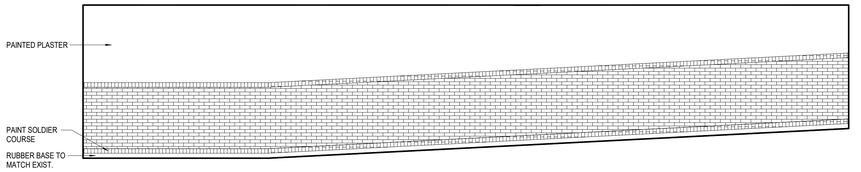
SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

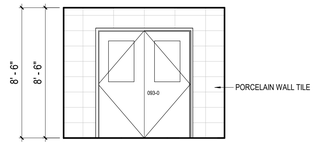
B. REMOVE AND PROTECT EXISTING ARTWORKS, BANNERS, PICTURE FRAMES, PLAQUES ETC. FOR RE-INSTALLATION, INCLUDING ANY ABOVE MENTIONED WITHIN EXSTING STAIR-WELLS BEFORE THE START OF ANY WORK.

C. EXISTING WOODEN STRIP FOR LOCKER SUPPORT TO BE REMOVED. PATCH AND REPAIR WALL WITH SIMILAR MATERIAL AND CONSTRUCTION TO RECEIVE NEW FINISH

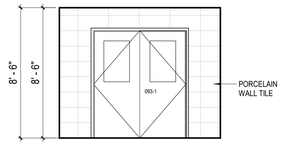
KEY NOTES



CORRIDOR 091 - NORTH ELEVATION 60
1/4" = 1'-0"



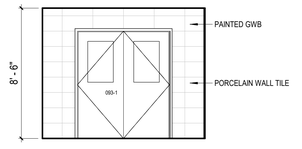
CORRIDOR 091 VESTIBULE - SOUTH ELEVATION 53
1/4" = 1'-0"



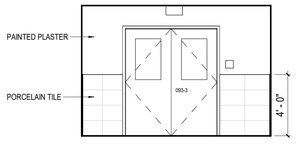
CORRIDOR 091 VESTIBULE - NORTH ELEVATION 52
1/4" = 1'-0"



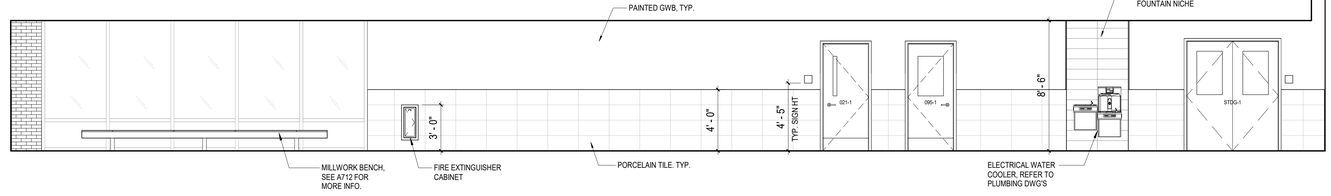
CORRIDOR EAST TYPICAL ELEVATION - 1997 ADDITION 51
1/4" = 1'-0"



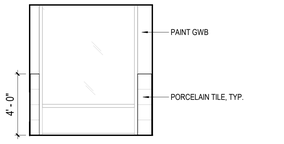
CORRIDOR (091) NORTH ELEVATION 50
1/4" = 1'-0"



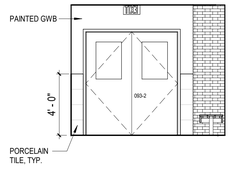
CORRIDOR WEST TYPICAL ELEVATION - 1997 ADDITION 41
1/4" = 1'-0"



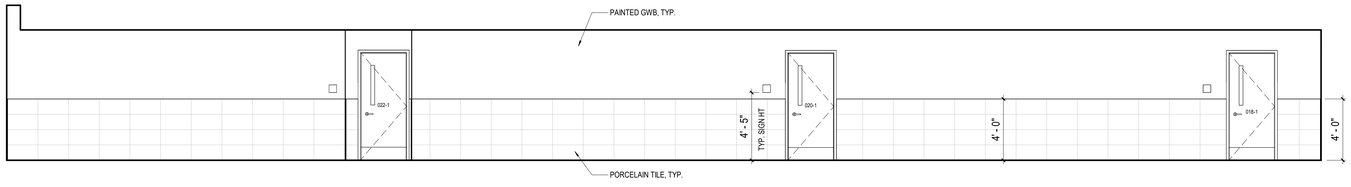
CORRIDOR TYPICAL SOUTH ELEVATION - NEW ADDITION 40
1/4" = 1'-0"



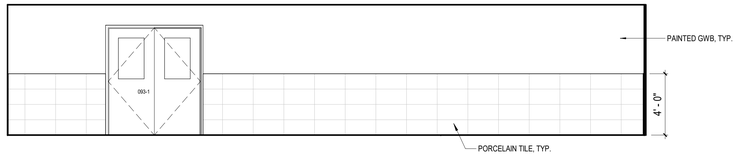
CORRIDOR TYPICAL WEST ELEVATION 32
1/4" = 1'-0"



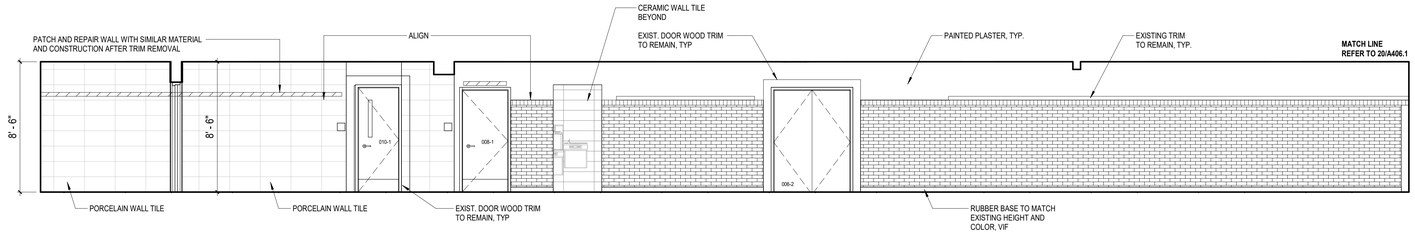
CORRIDOR TYPICAL EAST ELEVATION 31
1/4" = 1'-0"



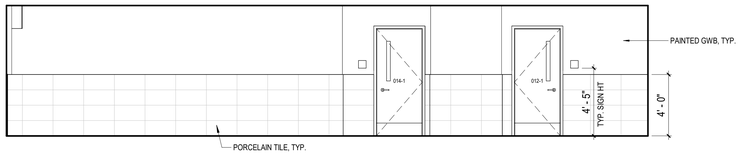
CORRIDOR TYPICAL NORTH ELEVATION - NEW ADDITION 30
1/4" = 1'-0"



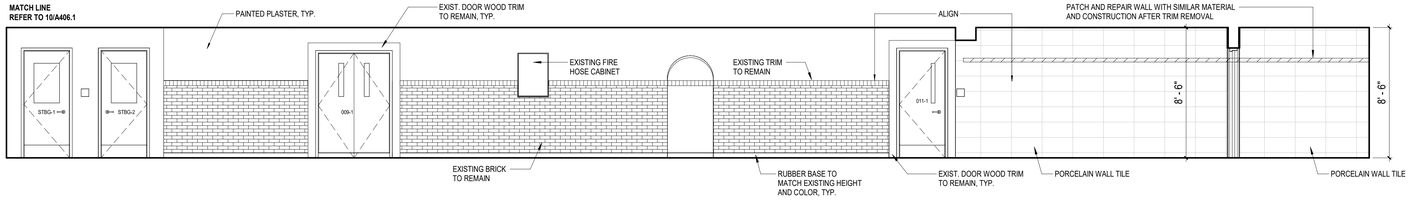
CORRIDOR TYPICAL SOUTH ELEVATION- 1997 ADDITION 21
1/4" = 1'-0"



CORRIDOR (091) PARTIAL EAST ELEVATION 20
1/4" = 1'-0"



CORRIDOR TYPICAL NORTH ELEVATION - 1997 ADDITION 11
1/4" = 1'-0"



CORRIDOR (091) PARTIAL WEST ELEVATION 10
1/4" = 1'-0"

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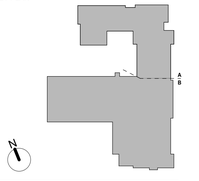

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
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CORRIDOR INTERIOR ELEVATIONS

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C. EXISTING WOODEN STRIP FOR LOCKER SUPPORT TO BE REMOVED. PATCH AND REPAIR WALL WITH SIMILAR MATERIAL AND CONSTRUCTION TO RECEIVE NEW FINISH

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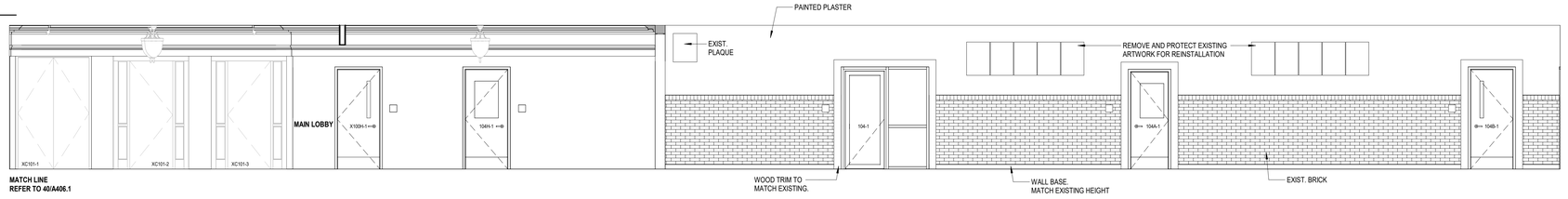
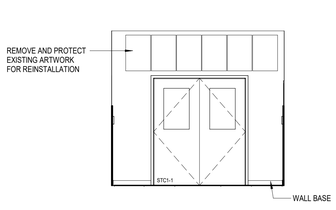
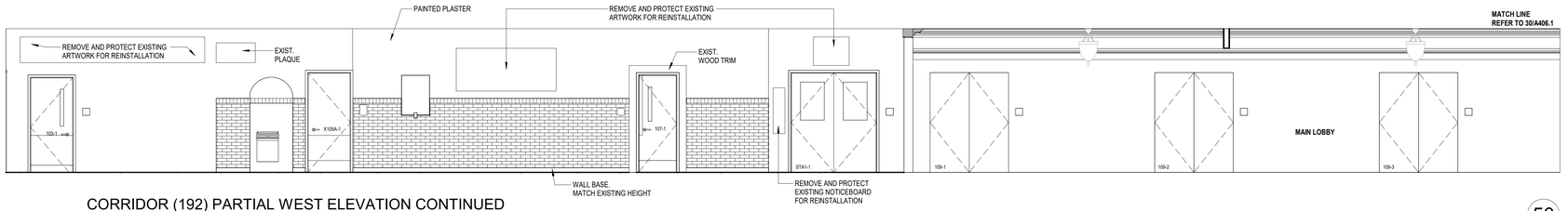


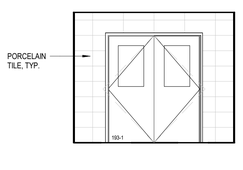
CORRIDOR (192) PARTIAL EAST ELEVATION CONTINUED — 60
1/4" = 1'-0"



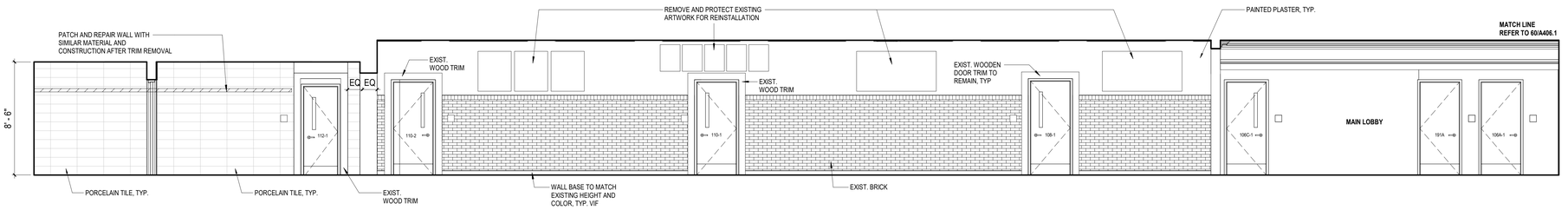
CORRIDOR (192) SOUTH ELEVATION — 51
1/4" = 1'-0"



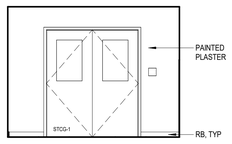
CORRIDOR (192) PARTIAL WEST ELEVATION CONTINUED — 50
1/4" = 1'-0"



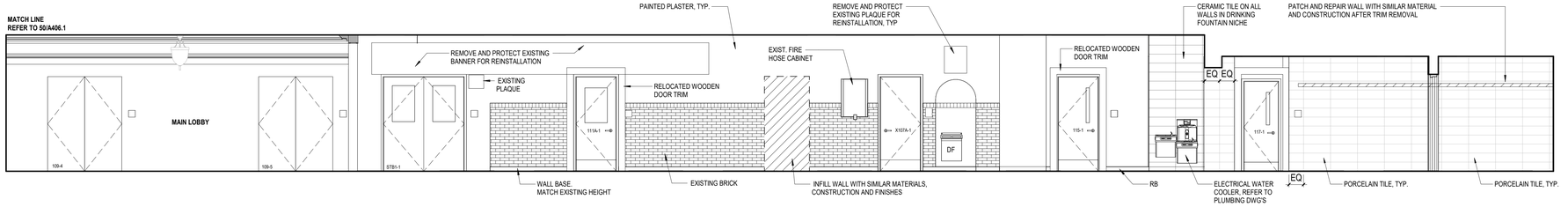
CORRIDOR (192) NORTH ELEVATION — 41
1/4" = 1'-0"



CORRIDOR (192) PARTIAL EAST ELEVATION — 40
1/4" = 1'-0"



CORRIDOR (091) SOUTH ELEVATION — 31
1/4" = 1'-0"



CORRIDOR (091) PARTIAL WEST ELEVATION — 30
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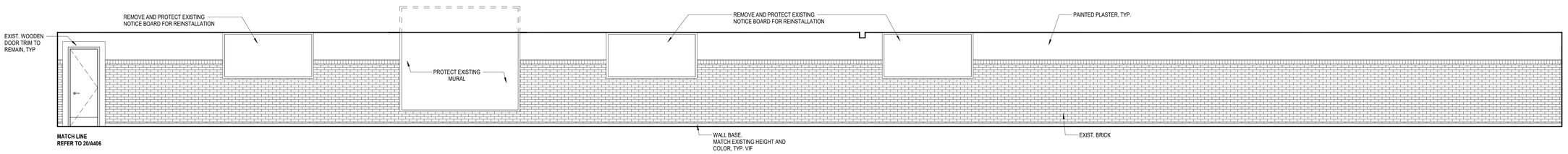
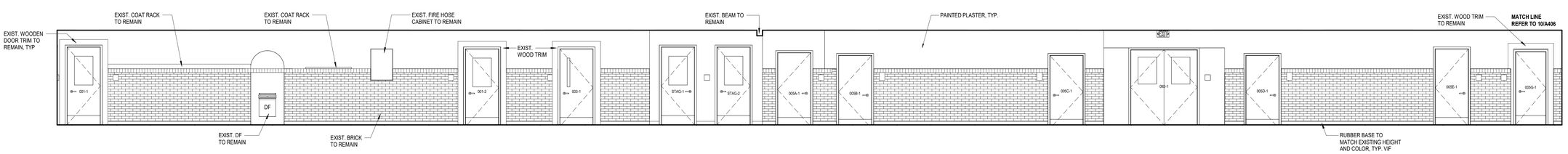


CORRIDOR (091) PARTIAL EAST ELEVATION CONTINUED — 20
1/4" = 1'-0"



CORRIDOR (091) PARTIAL WEST ELEVATION CONTINUED — 10
1/4" = 1'-0"

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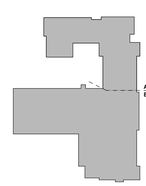

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CORRIDOR INTERIOR ELEVATIONS CONTINUED

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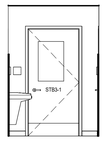
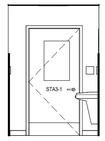
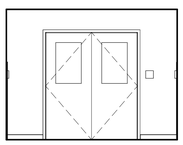


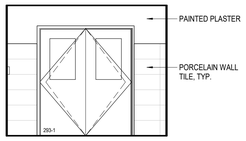
CORRIDOR (391) SOUTH ELEVATION 61
1/4" = 1'-0"



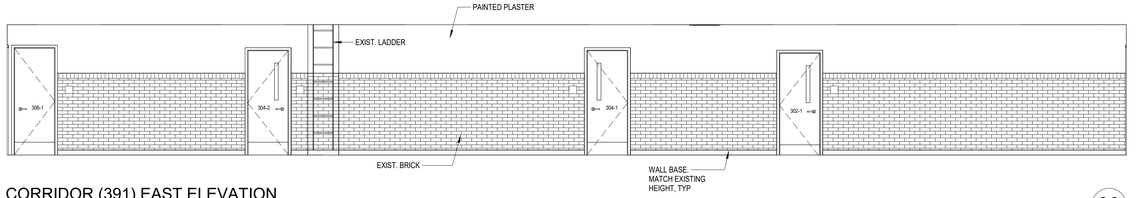
CORRIDOR (391) NORTH ELEVATION 51
1/4" = 1'-0"



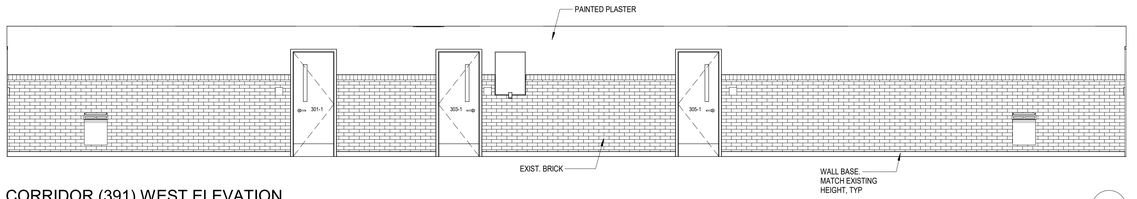
CORRIDOR (292) SOUTH ELEVATION 41
1/4" = 1'-0"



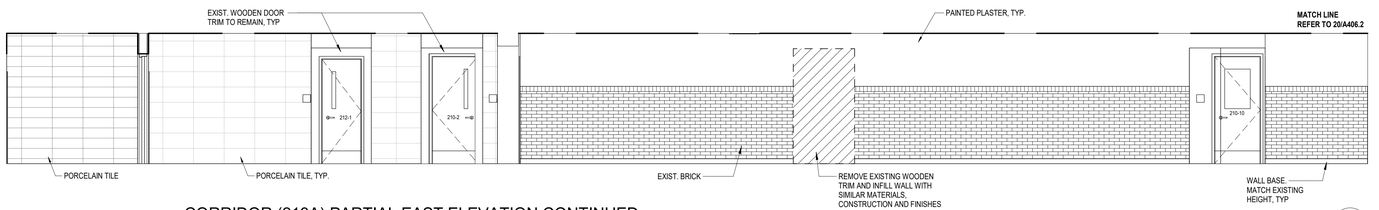
CORRIDOR (213A) NORTH ELEVATION 31
1/4" = 1'-0"



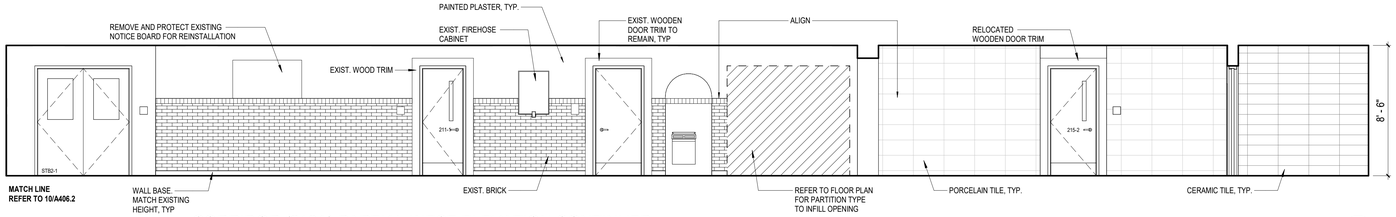
CORRIDOR (391) EAST ELEVATION 60
1/4" = 1'-0"



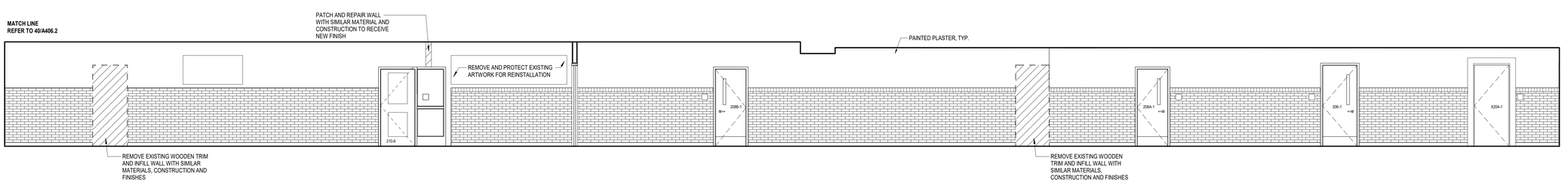
CORRIDOR (391) WEST ELEVATION 50
1/4" = 1'-0"



CORRIDOR (213A) PARTIAL EAST ELEVATION CONTINUED 40
1/4" = 1'-0"



CORRIDOR (213A) PARTIAL WEST ELEVATION CONTINUED 30
1/4" = 1'-0"



CORRIDOR (213A) PARTIAL EAST ELEVATION 20
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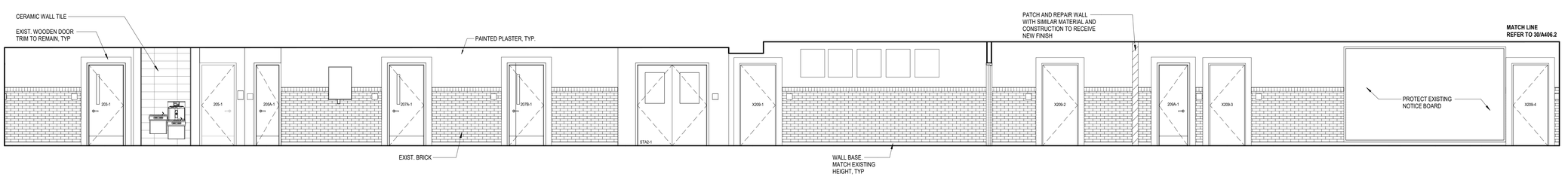

CORRIDOR (213A) PARTIAL WEST ELEVATION 10
1/4" = 1'-0"

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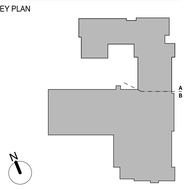

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CORRIDOR INTERIOR ELEVATIONS CONTINUED

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SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALLS ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

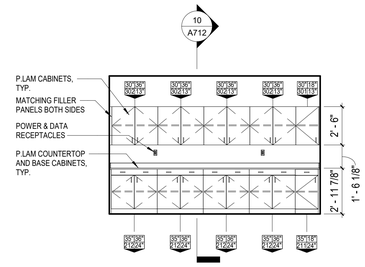
SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD

LEGEND

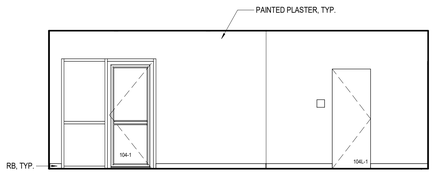
- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

SPECIALTY EQUIPMENT LEGEND

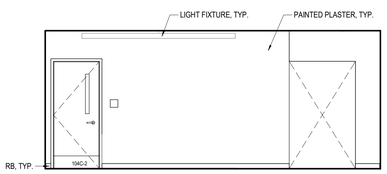
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



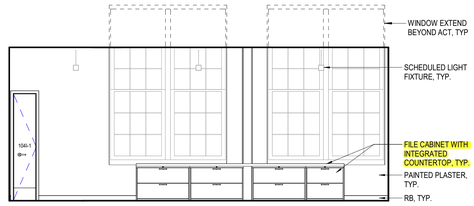
STORAGE 104G - NORTH ELEVATION 41
1/4" = 1'-0"



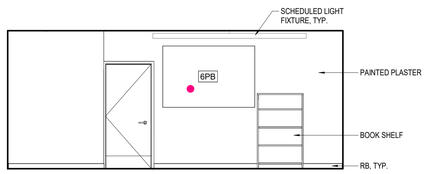
MAIN OFFICE WEST ELEVATION 34
1/4" = 1'-0"



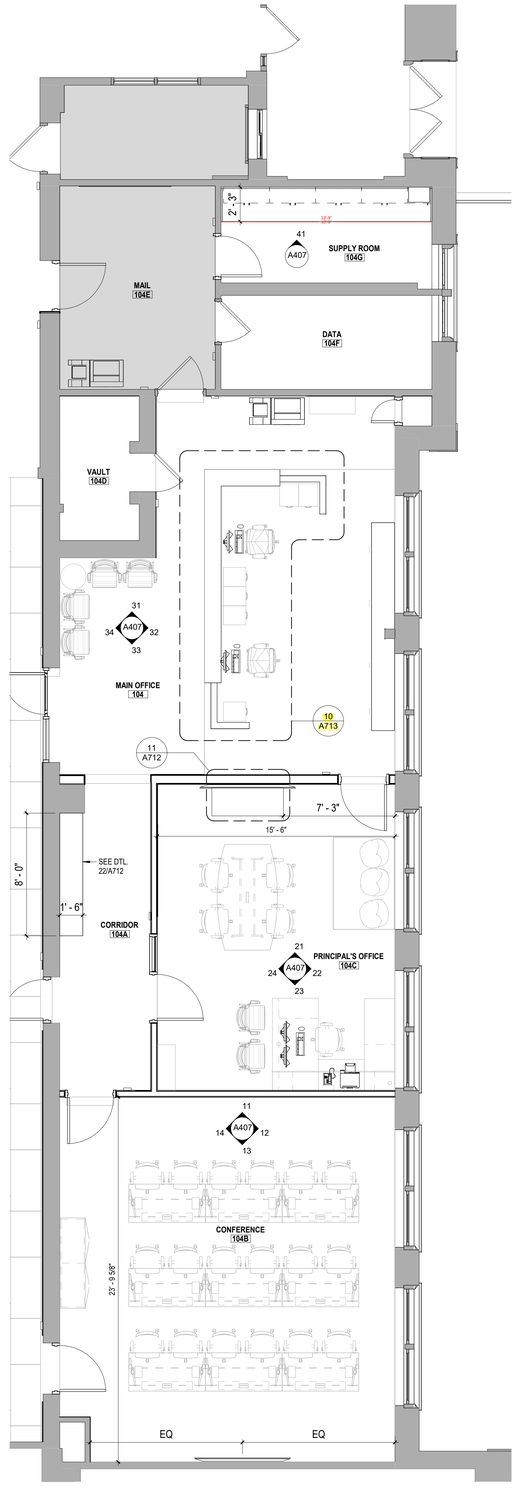
MAIN OFFICE SOUTH ELEVATION 33
1/4" = 1'-0"



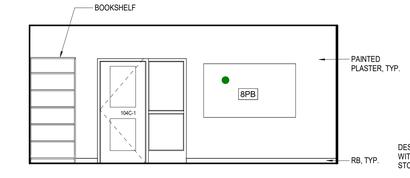
MAIN OFFICE EAST ELEVATION 32
1/4" = 1'-0"



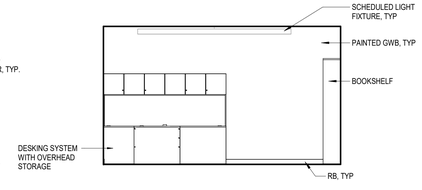
MAIN OFFICE NORTH ELEVATION 31
1/4" = 1'-0"



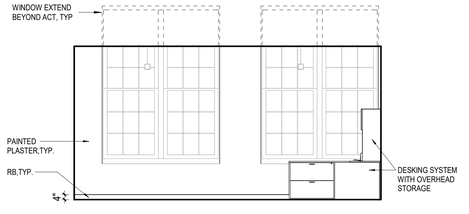
ENLARGED FLOOR PLAN - MAIN OFFICE 10
1/4" = 1'-0"



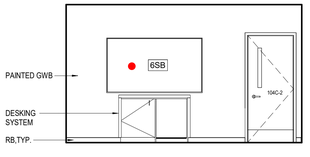
CONFERENCE ROOM - WEST 24
1/4" = 1'-0"



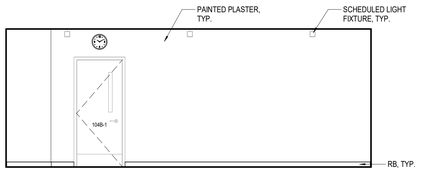
CONFERENCE ROOM - SOUTH 23
1/4" = 1'-0"



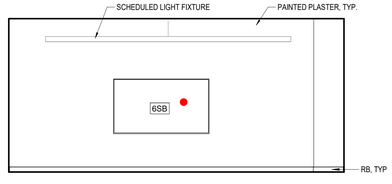
CONFERENCE ROOM - EAST 22
1/4" = 1'-0"



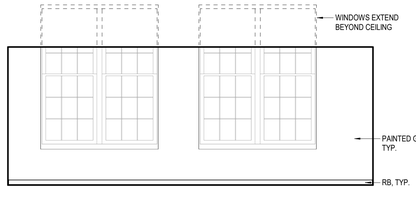
CONFERENCE ROOM - NORTH 21
1/4" = 1'-0"



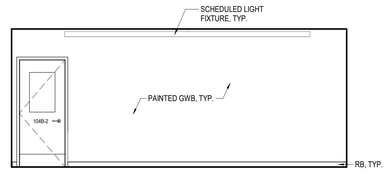
PRINCIPAL OFFICE WEST
1/4" = 1'-0" 14



PRINICPAL OFFICE SOUTH
1/4" = 1'-0" 13



PRINCIPAL OFFICE - EAST 12
1/4" = 1'-0"



PRINCIPAL OFFICE - NORTH 11
1/4" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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SECURITY CONSULTANT
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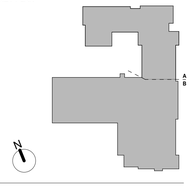
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

MAIN OFFICE ENLARGED PLAN AND INTERIOR ELEVATIONS

A407

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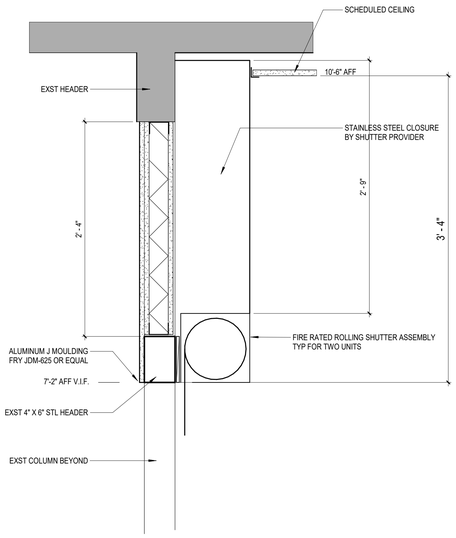
SHEET NOTES

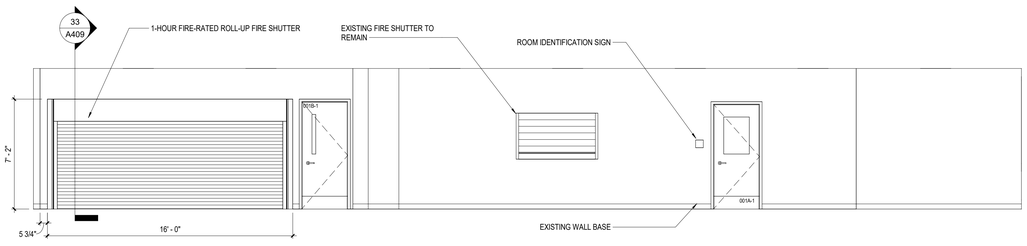
1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALL'S ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

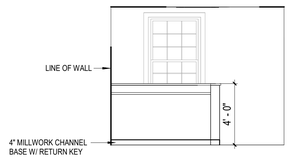
10.16 PROVIDE STAINLESS STEEL CORNER GUARD.



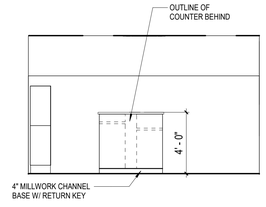
SECTION DETAIL - ROLL-UP FIRE SHUTTER 33
1 1/2" = 1'-0"



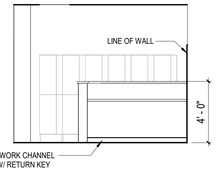
INTERIOR ELEVATION - SERVING LINE 30
1/4" = 1'-0"



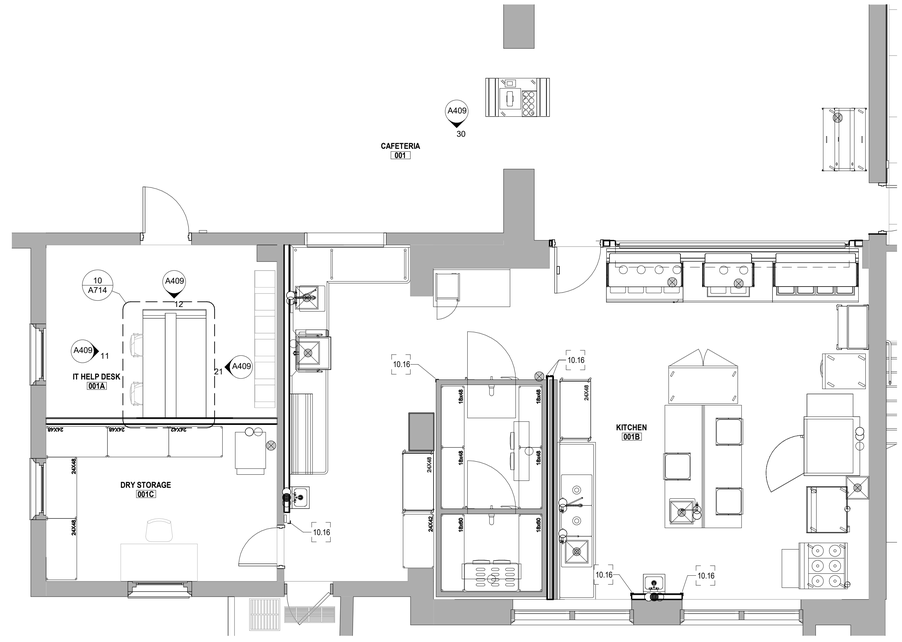
EAST ELEVATION - IT HELP DESK 21
1/4" = 1'-0"



WEST ELEVATION - IT HELP DESK 12
1/4" = 1'-0"



NORTH ELEVATION - IT HELP DESK 11
1/4" = 1'-0"



ENLARGED PLAN - KITCHEN & HELP DESK 10
1/4" = 1'-0"

NOTE: REFER TO FOOD SERVICE DRAWINGS FOR COMMERCIAL KITCHEN EQUIMENT.

Public Schools of the Tarrytowns

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SECURITY CONSULTANT
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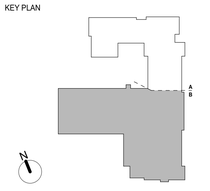
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

KITCHEN & HELP DESK ENLARGED PLAN & INTERIOR ELEVATIONS

A409

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SHEET NOTES

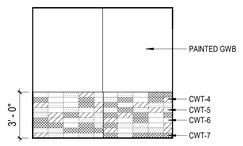
1. REFER TO MATERIAL SCHEDULE ON AF001 FOR MATERIAL FINISHES.
2. INSTALL PRESSURE TREATED WOOD BLOCKING BEHIND IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.
3. THE HEIGHTS SHOWN ARE TYPICAL AND DO NOT NECESSARILY SHOW ALL EQUIPMENT THAT IS TO BE LOCATED ON WALLS.
4. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AT THE WALL GENERALLY THROUGHOUT THE PROJECT.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UON.
6. THE DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UON.

KEY NOTES

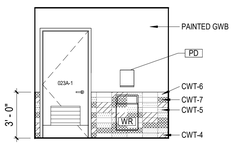
GB1	36" GRAB BAR
GB2	42" GRAB BAR
GB3	18" VERTICAL GRAB BAR
LAV	LAVATORY
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR
PD	PAPER TOWEL DISPENSER
SD	SOAP DISPENSER
TD	TOILET TISSUE DISPENSER
WCF	WATER CLOSET - FLOOR MOUNTED
WCW	WATER CLOSET - WALL MOUNTED
WR	
WR1	WASTE RECEPTACLE - SEMI-RECESSED
WR2	WASTE RECEPTACLE - FREESTANDING

TILE LEGEND

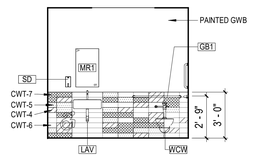
- CWT-4
- CWT-5
- CWT-6
- CWT-7



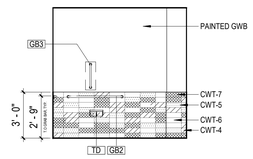
TOILET ROOM (21A) - NORTH 53
1/4" = 1'-0"



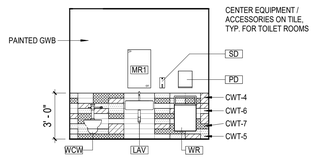
TOILET ROOM (21A) - EAST 52
1/4" = 1'-0"



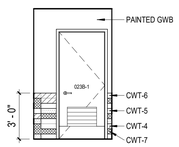
TOILET ROOM (21A) - SOUTH 51
1/4" = 1'-0"



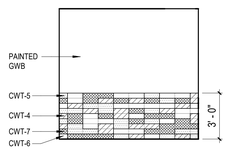
TOILET ROOM (21A) - WEST 50
1/4" = 1'-0"



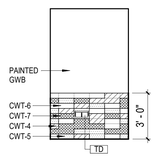
TOILET ROOM (21B) - NORTH 44
1/4" = 1'-0"



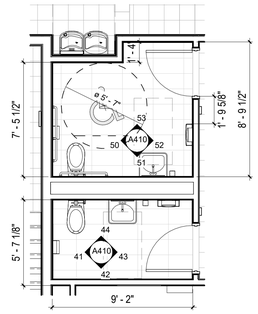
TOILET ROOM (21B) - EAST 43
1/4" = 1'-0"



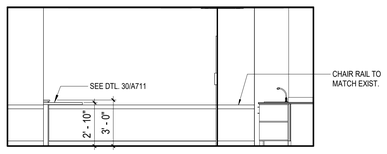
TOILET ROOM - (21B) - SOUTH 42
1/4" = 1'-0"



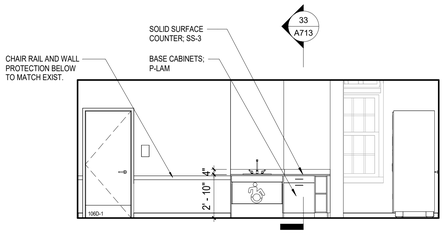
TOILET ROOM (21B) - WEST 41
1/4" = 1'-0"



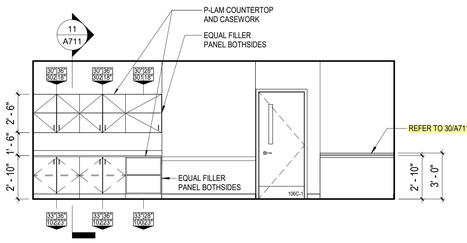
ENLARGED PLAN - TLT RMS 21A & 21B 40
1/4" = 1'-0"



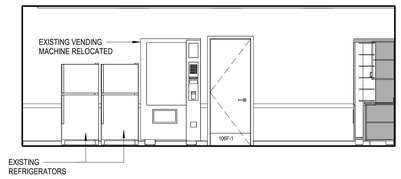
FACULTY ROOM 106C - NORTH 33
1/4" = 1'-0"



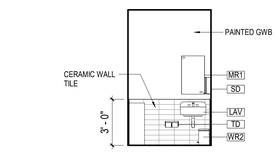
FACULTY ROOM 106C - EAST 32
1/4" = 1'-0"



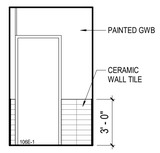
FACULTY ROOM 106C - WEST 31
1/4" = 1'-0"



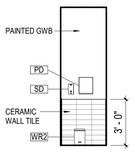
FACULTY ROOM 106C - SOUTH 30
1/4" = 1'-0"



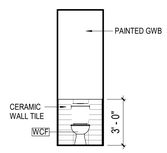
TOILET ROOM (106C) - NORTH 24
1/4" = 1'-0"



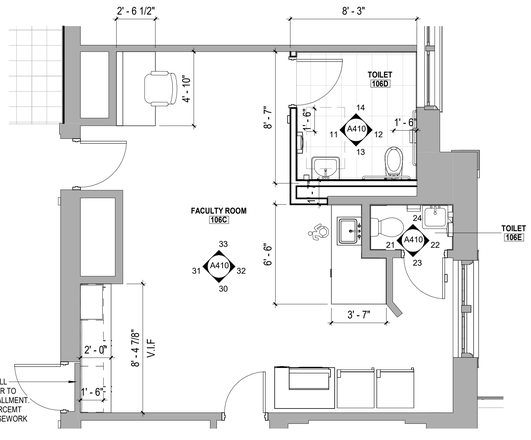
TOILET ROOM (106C) - SOUTH 23
1/4" = 1'-0"



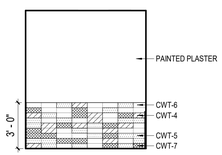
TOILET ROOM (106C) - EAST 22
1/4" = 1'-0"



TOILET ROOM (106C) - WEST 21
1/4" = 1'-0"



ENLARGED PLAN - TLT RM 106C & 106D 10
1/4" = 1'-0"



TOILET ROOM (106D) - NORTH 14
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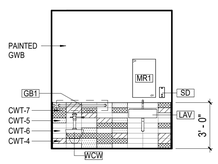
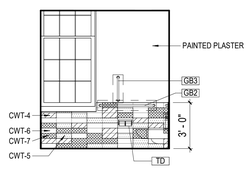
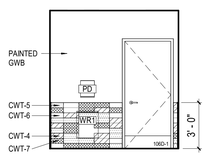


TOILET ROOM (106D) - SOUTH 13
1/4" = 1'-0"



TOILET ROOM (106D) - EAST 12
1/4" = 1'-0"



TOILET ROOM (106D) - WEST 11
1/4" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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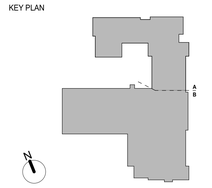
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

FACULTY & TOILET ROOM ENLARGED PLANS AND ELEVATIONS

A410

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SHEET NOTES

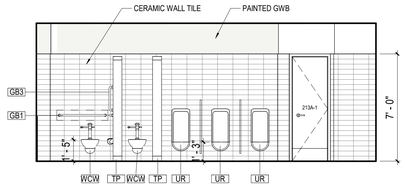
1. REFER TO MATERIAL SCHEDULE ON AF001 FOR MATERIAL FINISHES.
2. INSTALL PRESSURE TREATED WOOD BLOCKING BEHIND IN STUD PARTITIONS AT ALL LOCATIONS WHERE TOILET ACCESSORIES ARE MOUNTED TO THE WALL.
3. THE HEIGHTS SHOWN ARE TYPICAL AND DO NOT NECESSARILY SHOW ALL EQUIPMENT THAT IS TO BE LOCATED ON WALLS.
4. THESE GUIDELINES ESTABLISH LOCATION OF FIXTURES AND EQUIPMENT VERTICALLY AT THE WALL GENERALLY THROUGHOUT THE PROJECT.
5. ALL ACCESSORIES TO BE SURFACE MOUNTED, UON.
6. THE DIMENSIONS CALLED OUT ARE TO THE TOP OR BOTTOM OF FIXTURES AND EQUIPMENT FACE PLATES/TRIM AS SHOWN, UON.

TILE LEGEND

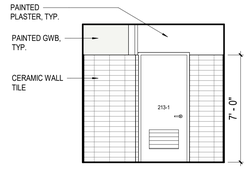
- CWT-4
- CWT-5
- CWT-6
- CWT-7

KEY NOTES

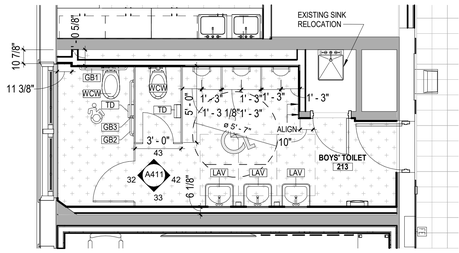
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D100	REMOVE TOILET PARTITION IN ITS ENTIRETY.
D101	REMOVE WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.
D102	REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION
D103	REMOVE EXISTING WALL TILE INCLUDING MORTAR AND SUBSTRATE
D104	PORTION OF EXISTING WALL CONSTRUCTION TO BE REMOVED INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB
D105	REMOVE AND PROPERLY DISPOSE OF EXISTING TOILET ACCESSORIES.
GB1	36" GRAB BAR
GB2	42" GRAB BAR
GB3	18" VERTICAL GRAB BAR
LAV	LAVATORY
MR1	18"x30" CHANNEL FRAMED GLASS MIRROR
PD	PAPER TOWEL DISPENSER
SD	SOAP DISPENSER
TD	TOILET TISSUE DISPENSER
TD4	
TP	TOILET PARTITION
UR	URINAL
WCW	WATER CLOSET - WALL MOUNTED
WR	



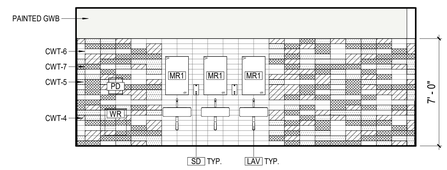
BOY'S TOILET (213) - NORTH ELEVATION 43
1/4" = 1'-0"



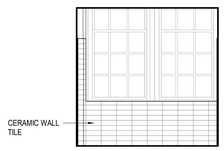
BOY'S TOILET (213) - EAST ELEVATION 42
1/4" = 1'-0"



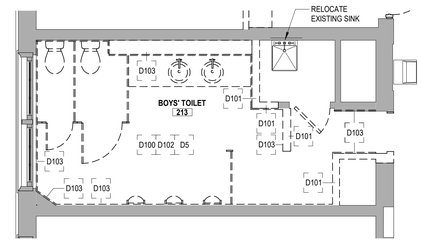
BOY'S TOILET (213) - ENLARGED PLAN 40
1/4" = 1'-0"



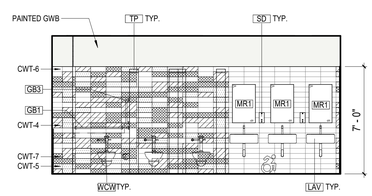
BOY'S TOILET (213) - SOUTH ELEVATION 33
1/4" = 1'-0"



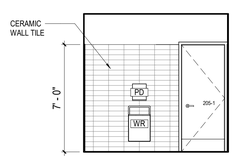
BOY'S TOILET (213) - WEST ELEVATION 32
1/4" = 1'-0"



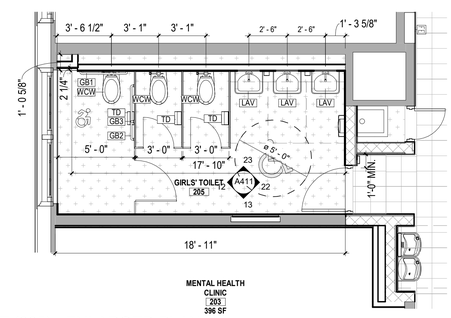
BOY'S TOILET (213) - ENLARGED DEMOLITION PLAN 30
1/4" = 1'-0"



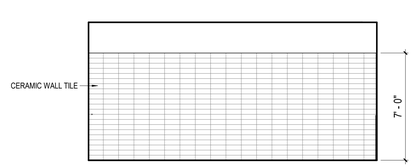
GIRL'S TOILET (205) - NORTH ELEVATION 23
1/4" = 1'-0"



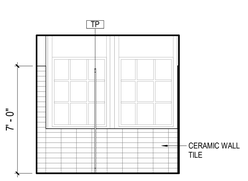
GIRL'S TOILET (205) - EAST ELEVATION 22
1/4" = 1'-0"



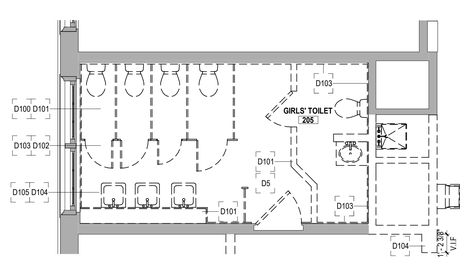
GIRLS' TOILET (205) - ENLARGED PLAN 20
1/4" = 1'-0"



GIRL'S TOILET (205) - SOUTH ELEVATION 13
1/4" = 1'-0"



GIRL'S TOILET (205) - WEST ELEVATION 12
1/4" = 1'-0"



GIRL'S TOILET (205) - ENLARGED DEMOLITION PLAN 10
1/4" = 1'-0"

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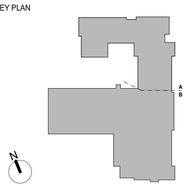
ISSUE DATE

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

TOILET ROOM ENLARGED PLANS AND ELEVATIONS

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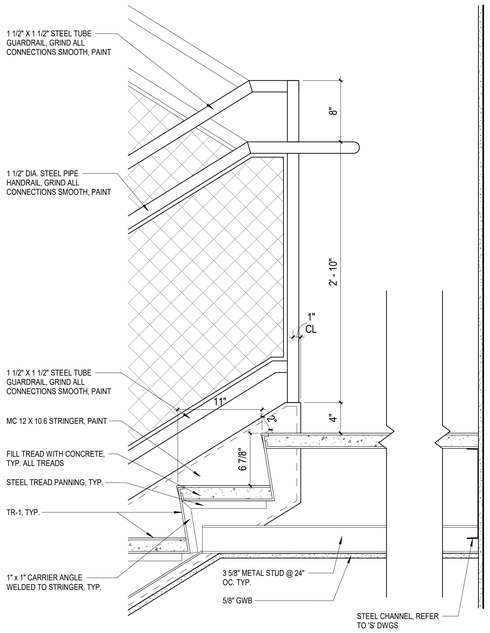
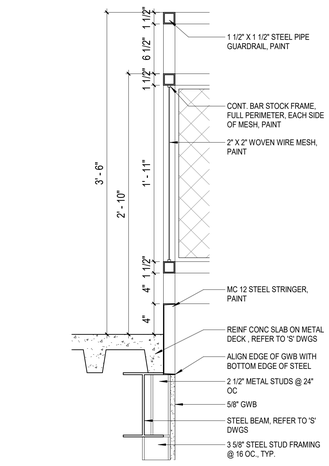
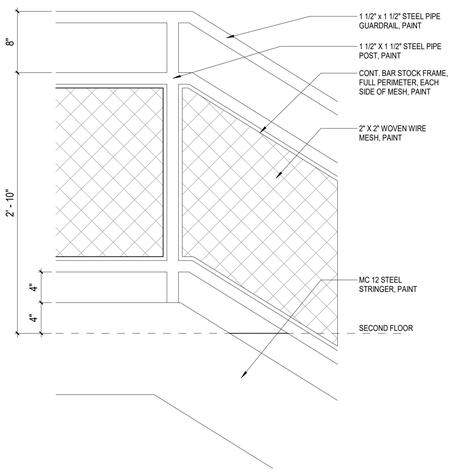


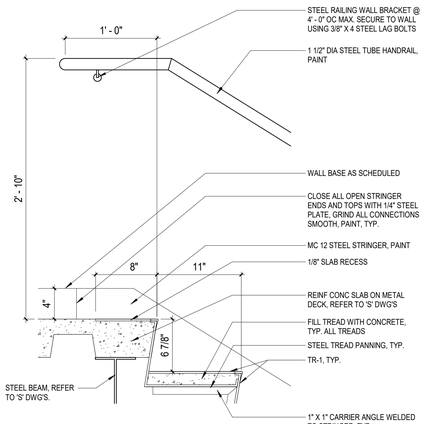
INTERMEDIATE LANDING DETAIL 33
1 1/2" = 1'-0"



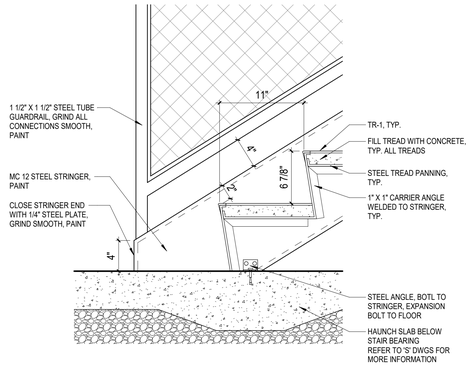
GUARD DETAIL 42
1 1/2" = 1'-0"



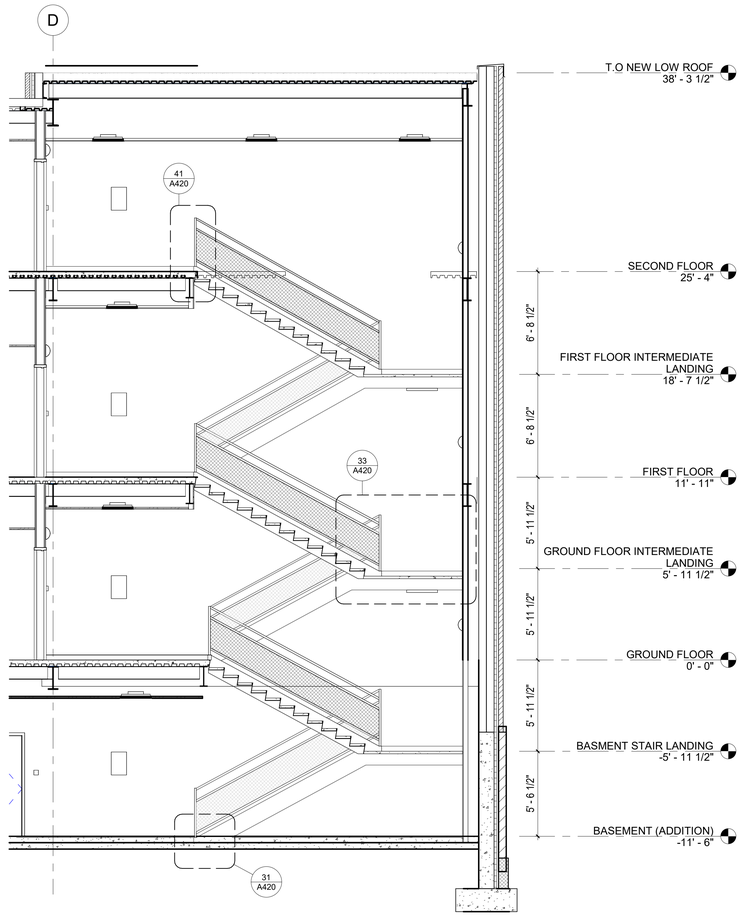
UPPER LANDING DETAIL 32
1 1/2" = 1'-0"



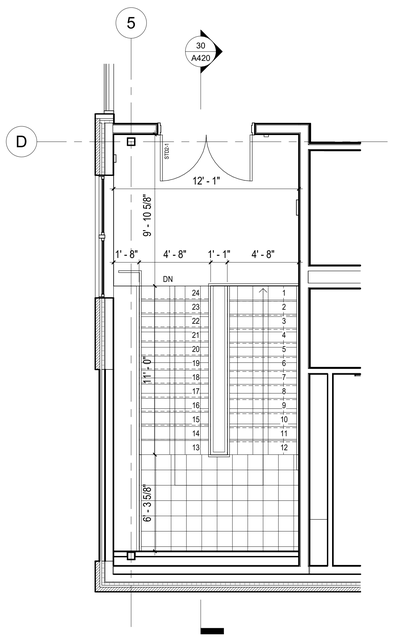
HANDRAIL DETAIL 41
1 1/2" = 1'-0"



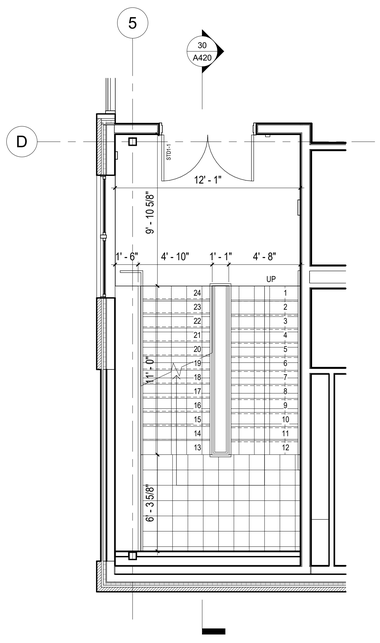
LOWER LANDING DETAIL 31
1 1/2" = 1'-0"



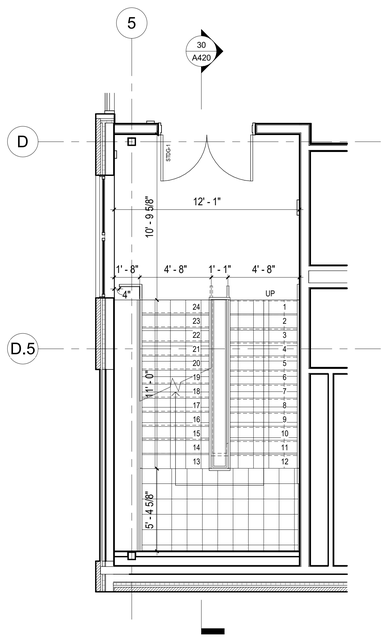
STAIR D - SECTION 30
1/4" = 1'-0"



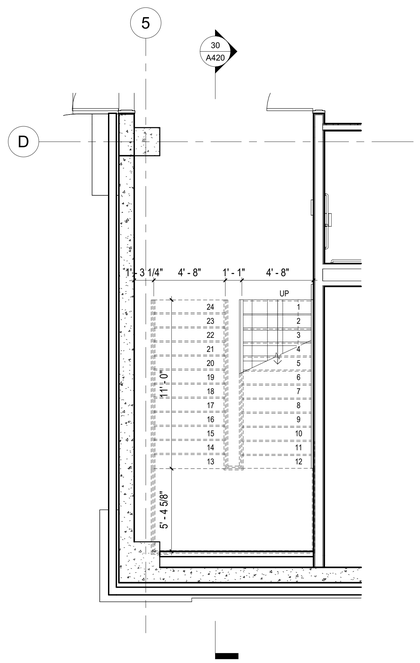
STAIR D - SECOND FLOOR PLAN 13
1/4" = 1'-0"



STAIR D - FIRST FLOOR PLAN 12
1/4" = 1'-0"



STAIR D - GROUND FLOOR PLAN 11
1/4" = 1'-0"



STAIR D - BASEMENT PLAN 10
1/4" = 1'-0"

Public Schools of the Tarrytowns

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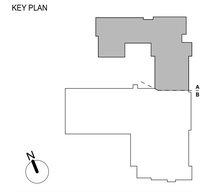

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MEMASI PROJECT NO.	101 - 2403

STAIR D - PLANS, SECTIONS, AND DETAILS

A420

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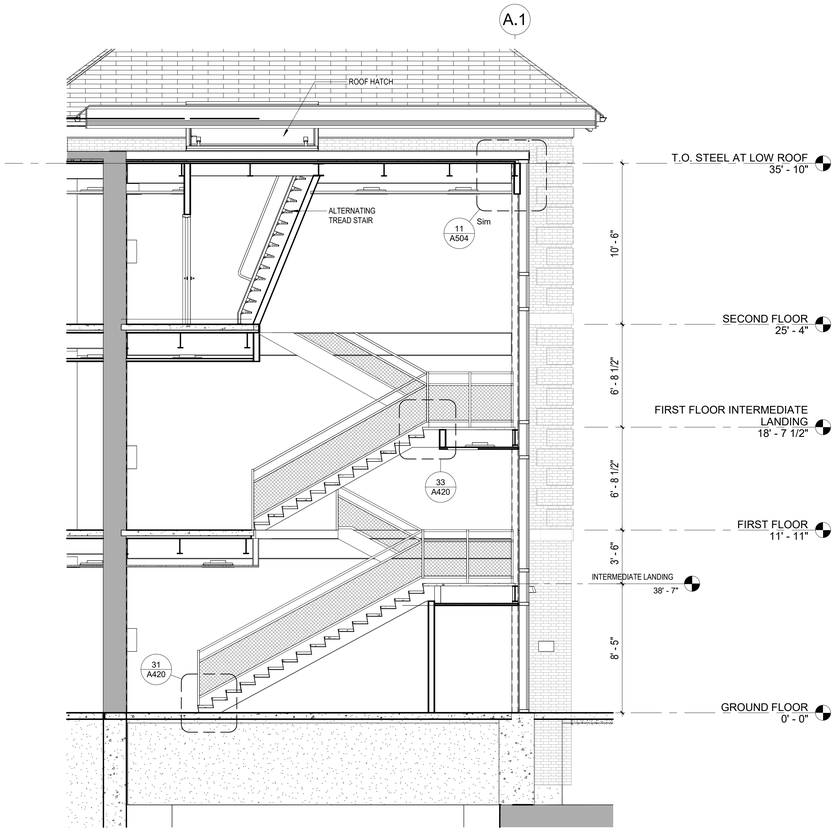
SHEET NOTES

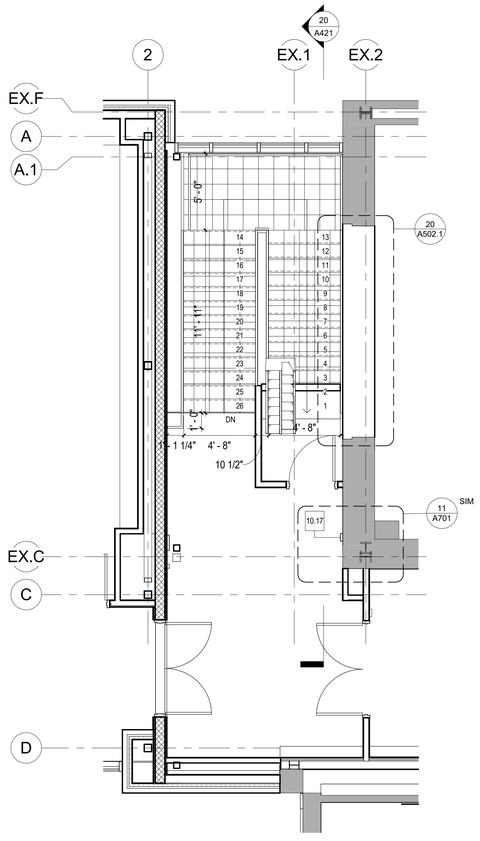
KEY NOTES

10.17 POST INSTRUCTIONS ON THE USE OF THE AREA OF REFUGE IN ACCORDANCE WITH BCNYS 1009.11, INCLUDING ALL OF THE FOLLOWING 1) PERSONS ABLE TO USE THE EXIT STAIRWAY SHOULD DO SO AS SOON AS POSSIBLE UNLESS THEY ARE ASSISTING OTHERS; 2) INFORMATION ON PLANNED AVAILABILITY OF ASSISTANCE IN THE USE OF STAIRS OR SUPERVISED OPERATION OF ELEVATORS AND HOUW TO SUMMON SUCH ASSISTANCE; AND 3) DIRECTIONS FOR THE USE OF THE TWO-WAY COMMUNICATIONS SYSTEM WHERE PROVIDED. 10 SPECIALTIES



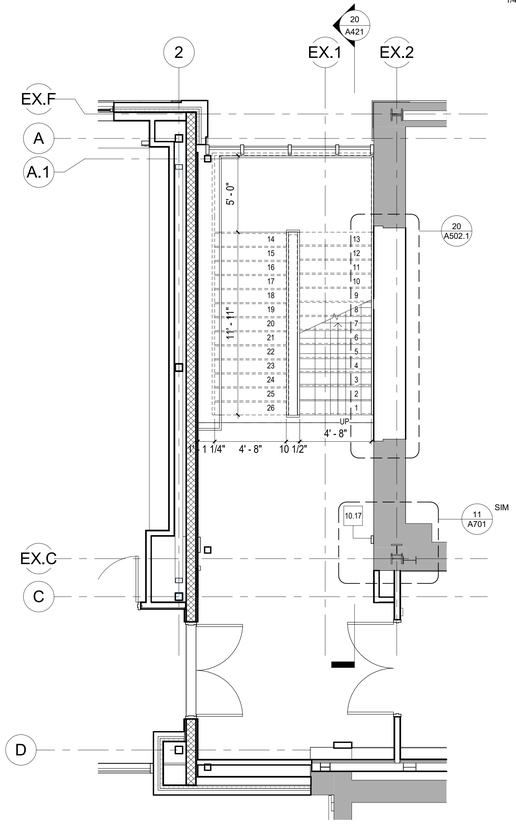
STAIR E - LONG SECTION 20

1/4" = 1'-0"



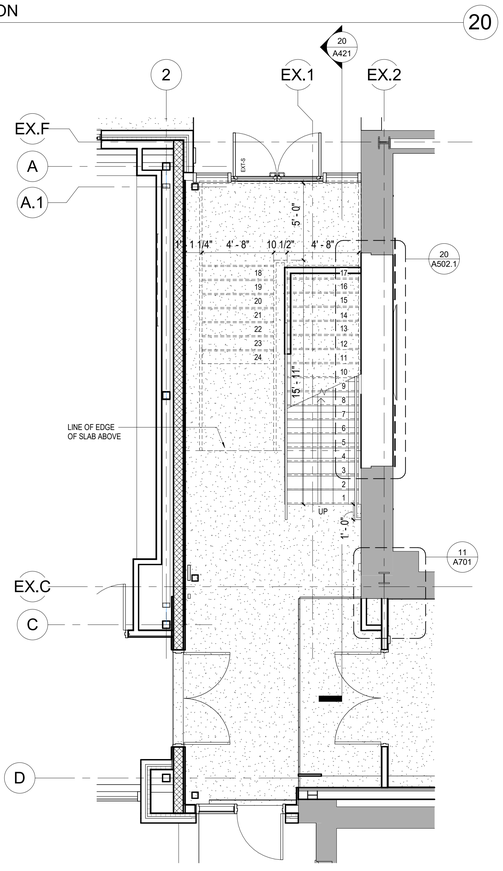
STAIR E - SECOND FLOOR PLAN 13

1/4" = 1'-0"



STAIR E - FIRST FLOOR PLAN 11

1/4" = 1'-0"



STAIR E - GROUND FLOOR PLAN 10

1/4" = 1'-0"

Public Schools of the Tarrytowns

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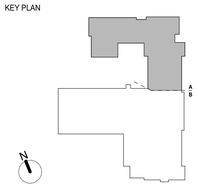

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STAIR E - PLANS, SECTIONS, AND DETAILS

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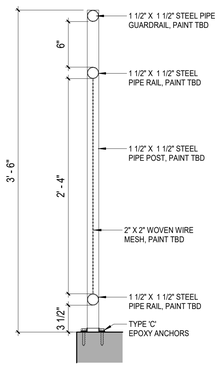
SHEET NOTES

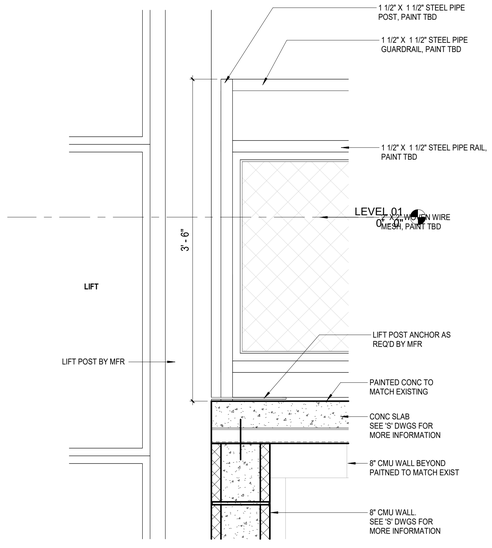
KEY NOTES



RAILING DETAIL

1 1/2" = 1'-0"

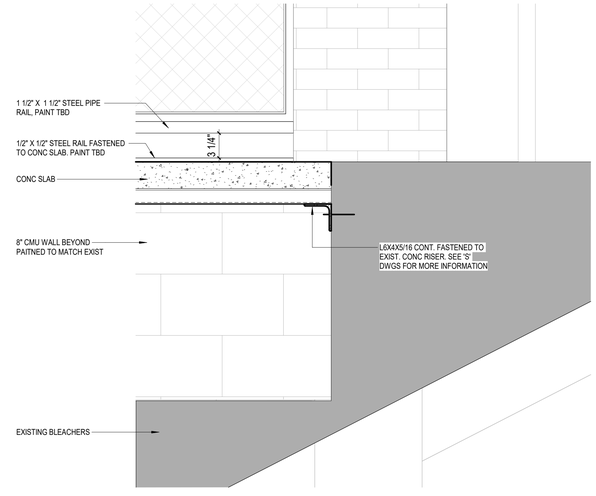
32



DETAIL @ LIFT SLAB EDGE

1 1/2" = 1'-0"

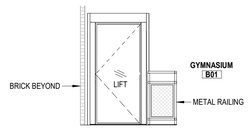
31



DETAIL @ LIFT UPPER LANDING

1 1/2" = 1'-0"

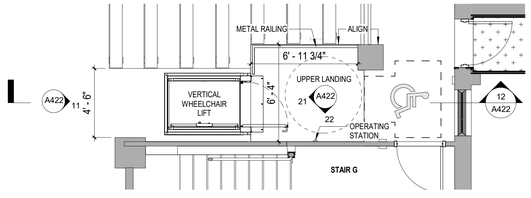
30



LIFT GROUND FLOOR ELEVATION WEST

1/4" = 1'-0"

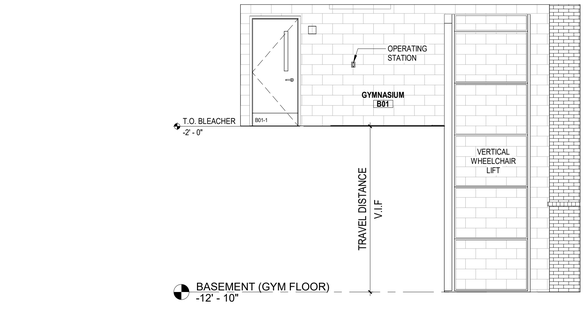
21



LIFT GROUND FLOOR PLAN

1/4" = 1'-0"

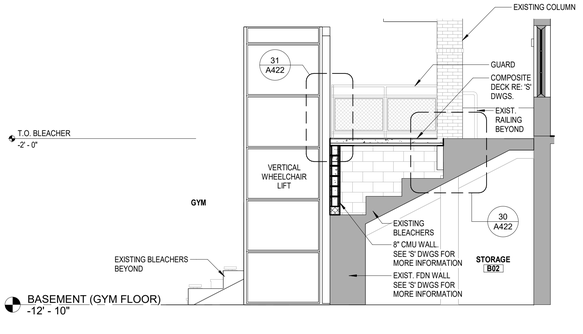
20



LIFT GROUND FLOOR ELEVATION SOUTH

1/4" = 1'-0"

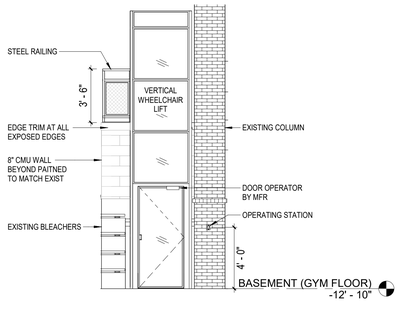
22



LIFT SECTION

1/4" = 1'-0"

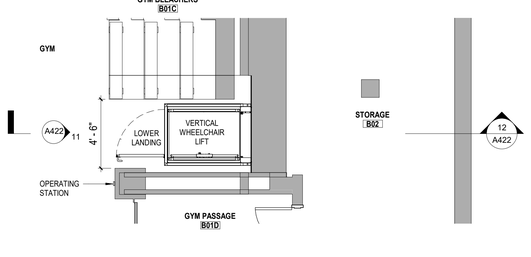
12



LIFT BASEMENT ELEVATION

1/4" = 1'-0"

11



LIFT BASEMENT PLAN

1/4" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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BRIDGEWATER, MA. 02324

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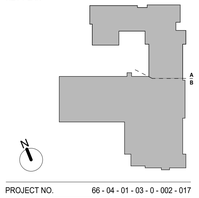
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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LIFT PLAN AND DETAILS

A422

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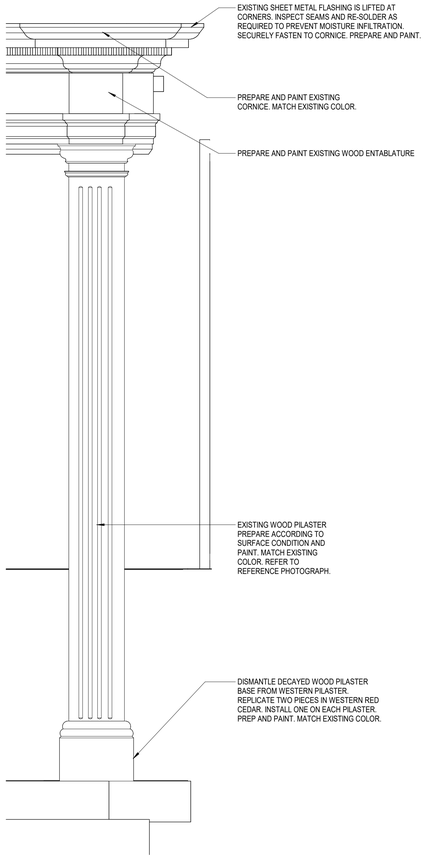
SHEET NOTES

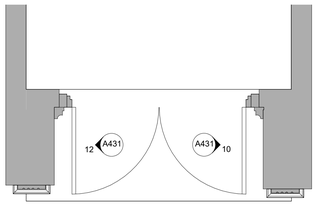
KEY NOTES



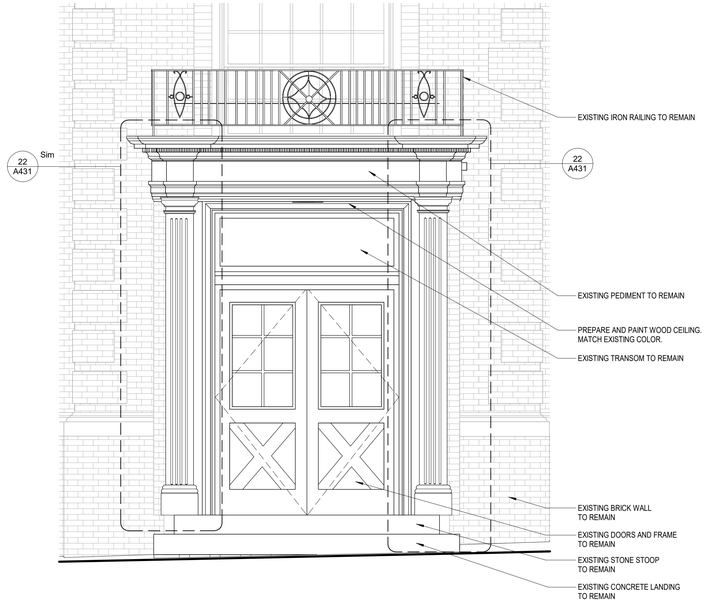
ENLARGED COLUMN DETAIL AT SOUTH ENTRY 22
1" = 1'-0"



SOUTH ENTRY REFERENCE PHOTO - SOUTH 21
3/16" = 1'-0"



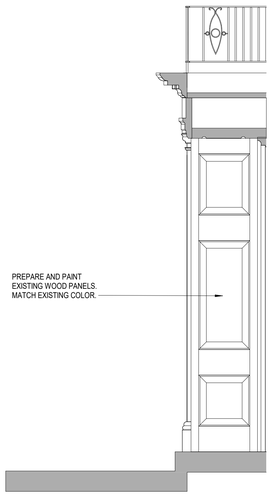
ENLARGED PLAN AT SOUTH ENTRY 30
1/2" = 1'-0"



ENLARGED ELEVATION AT SOUTH ENTRY 20
1/2" = 1'-0"



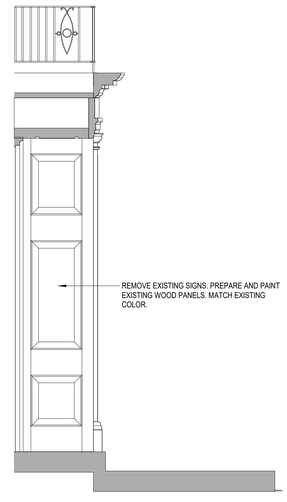
SOUTH ENTRY REFERENCE PHOTO - WEST 13
1/16" = 1'-0"



SOUTH ENTRY WEST ELEVATION 12
1/2" = 1'-0"



SOUTH ENTRY REFERENCE PHOTO - EAST 11
1/32" = 1'-0"



SOUTH ENTRY EAST ELEVATION 10
1/2" = 1'-0"

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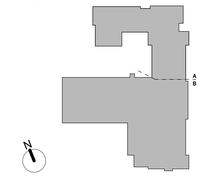
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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ENLARGED PLAN AND ELEVATION SOUTH ENTRY

A431

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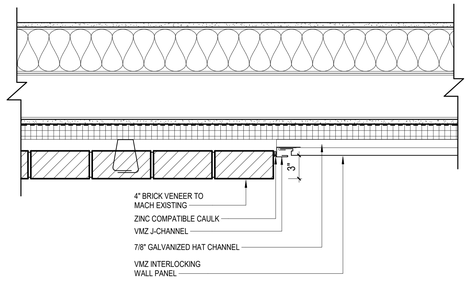
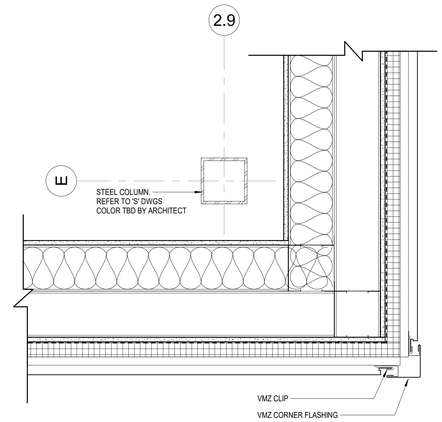
SHEET NOTES

KEY NOTES



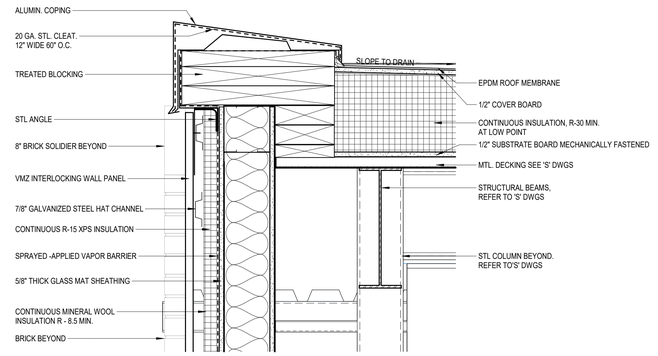
PLAN DETAIL @ BRICK AND ZINC PANEL 32

1 1/2" = 1'-0"



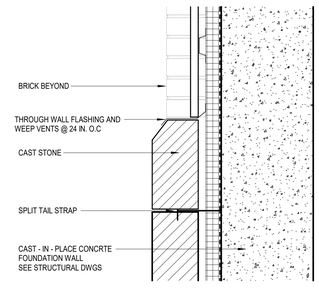
PLAN DETAIL @ VMZ EXTERIOR CORNER 31

1 1/2" = 1'-0"



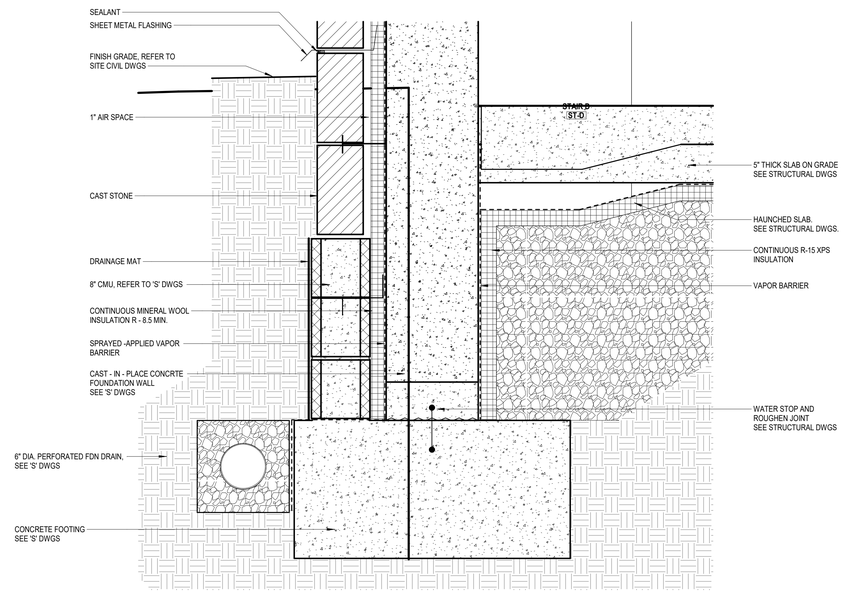
SECTION DETAIL @ STAIR D ROOF 30

1 1/2" = 1'-0"



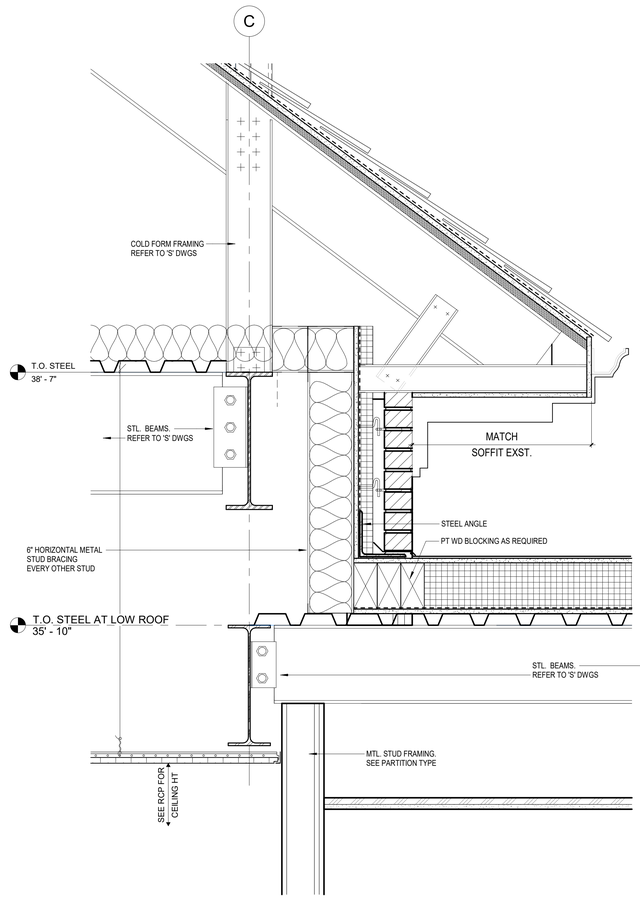
SECTION DETAIL @ STAIR D 20

1 1/2" = 1'-0"



SECTION @ STAIR D FOUNDATION 10

1 1/2" = 1'-0"



SECTION DETAIL @ ROOF TRANSITION 11

1 1/2" = 1'-0"

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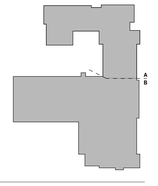

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PLAN AND SECTION DETAILS

A500

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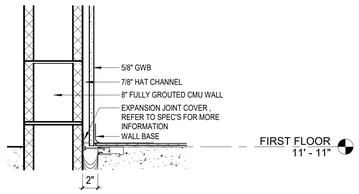
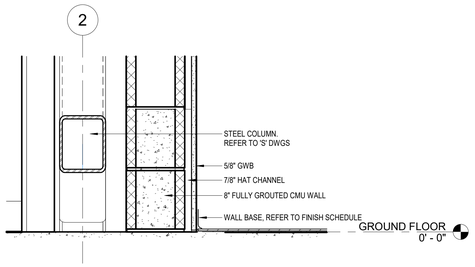
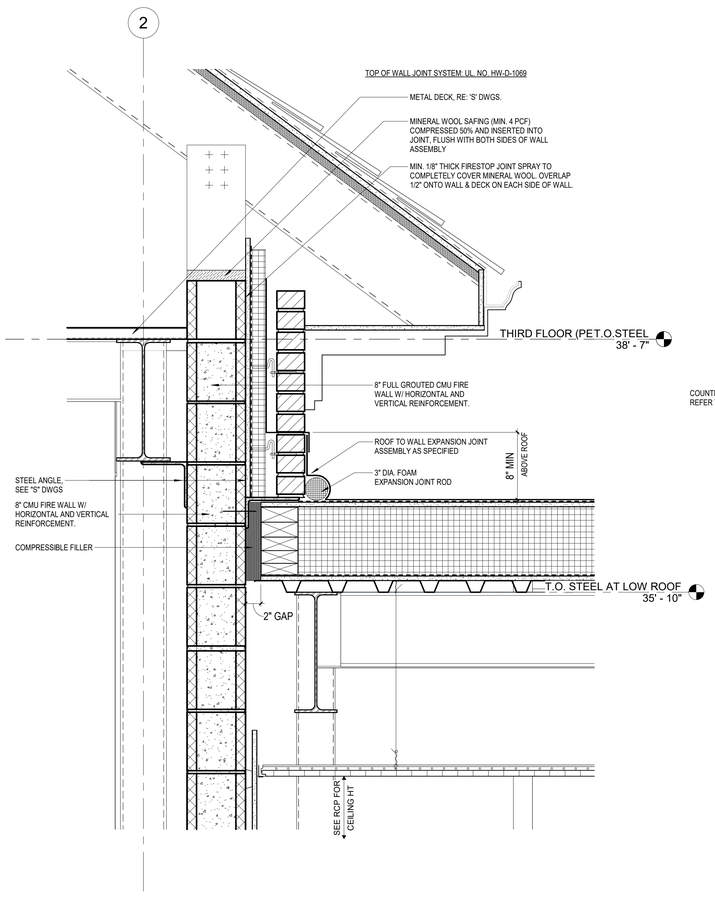


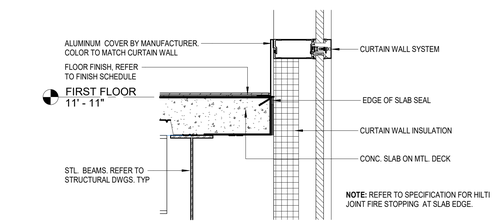
SECTION @ EXPANSION JOINT
1 1/2" = 1'-0"
53



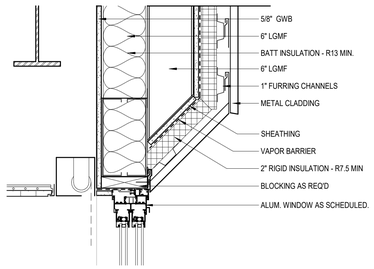
FURRED - OUT CMU WALL SECTION @ STAIR E
1 1/2" = 1'-0"
43



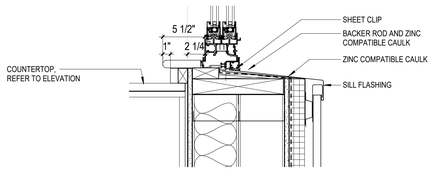
SECTION @ CONCEALED EXP JOINT
1 1/2" = 1'-0"
13



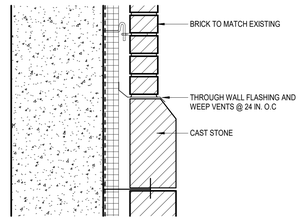
FIRESTOP DETAIL @ CW3
1 1/2" = 1'-0"
52



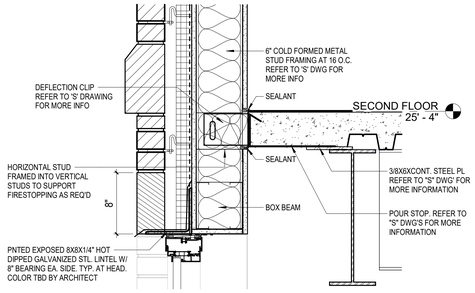
SECTION @ CLASSROOM (121) WINDOW HEAD
1 1/2" = 1'-0"
32



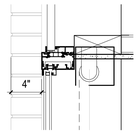
SECTION @ CLASSROOM (121) WINDOW SILL
1 1/2" = 1'-0"
22



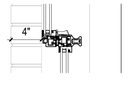
SECTION @ BRICK AND CAST STONE
1 1/2" = 1'-0"
12



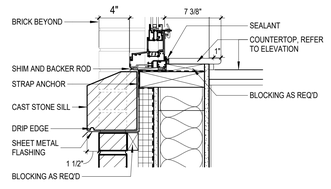
HEAD DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
51



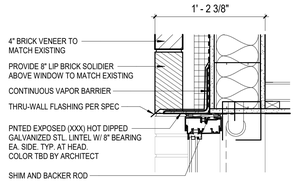
TRANSOM DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
41



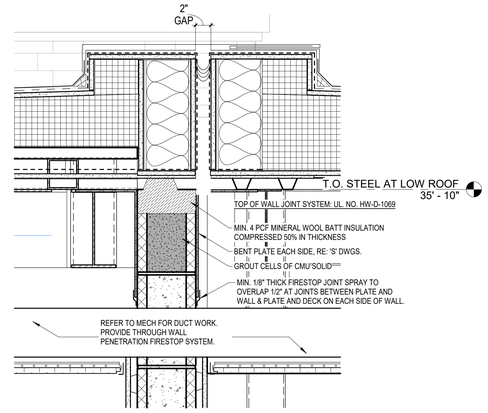
MULLION DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
31



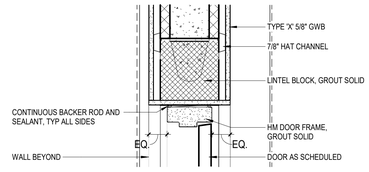
SILL DETAIL @ ADDITION CLASSROOM (120)
1 1/2" = 1'-0"
21



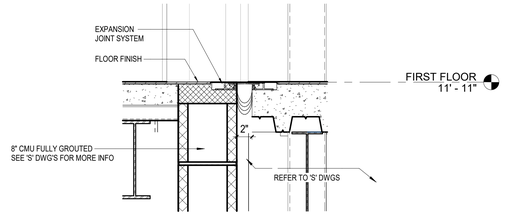
HEAD DETAIL @ ADDITION CLASSROOM (20)
1 1/2" = 1'-0"
11



WALL SECTION @ TOP OF CMU WALL
1 1/2" = 1'-0"
40



SECTION @ DOOR HEAD IN CMU WALL
1 1/2" = 1'-0"
30



SECTION @ EXPANSION JOINT FIRST FLOOR
1 1/2" = 1'-0"
20

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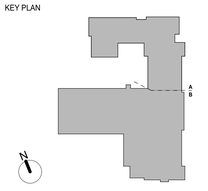
KEY PLAN



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SECTION DETAILS

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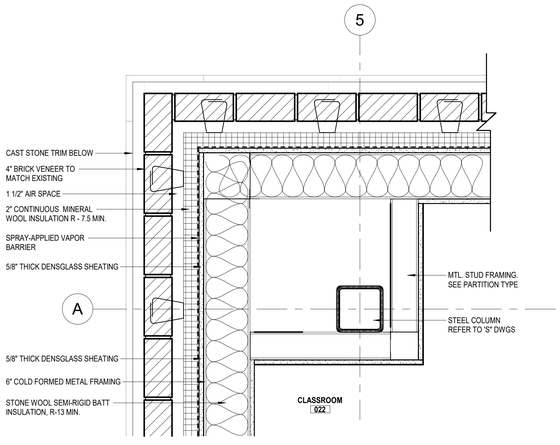
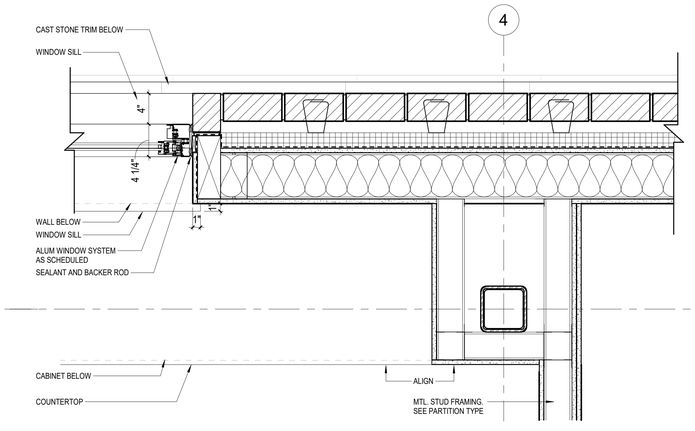


EXTERIOR PLAN DETAIL @ COLUMN A-5

1 1/2" = 1'-0"

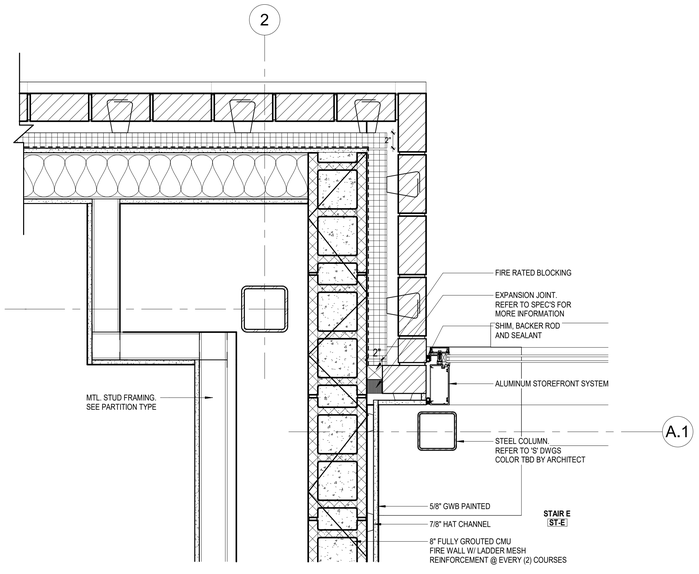
22



EXTERIOR JAMB DETAIL NEAR COLUMN A-4

1 1/2" = 1'-0"

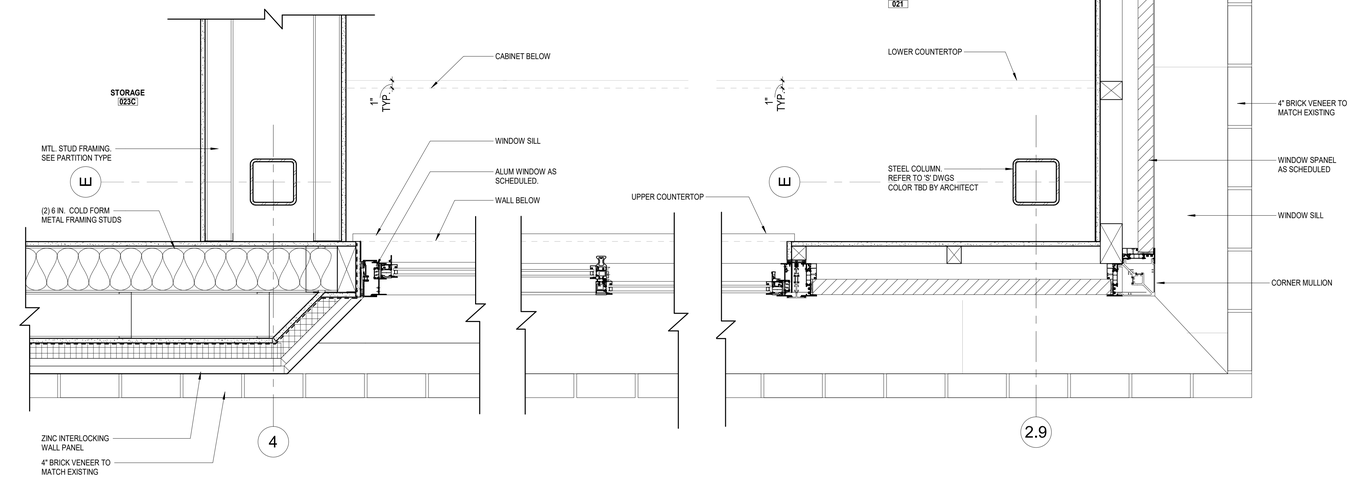
21



PLAN DETAIL @ COLUMN A-2

1 1/2" = 1'-0"

20



EXTERIOR JAMB DETAIL NEAR COLUMN E-4

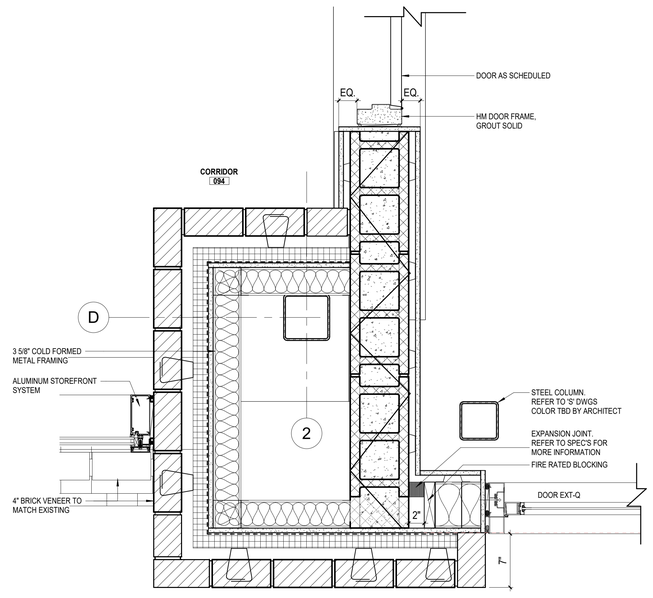
1 1/2" = 1'-0"

11

EXTERIOR JAMB DETAIL NEAR COLUMN E-2.9

1 1/2" = 1'-0"

12



PLAN DETAIL @ EXPASION JOINT

1 1/2" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

ISSUE	DATE
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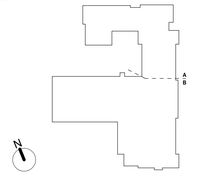
KEY PLAN



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PLAN DETAILS

A502

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SHEET NOTES

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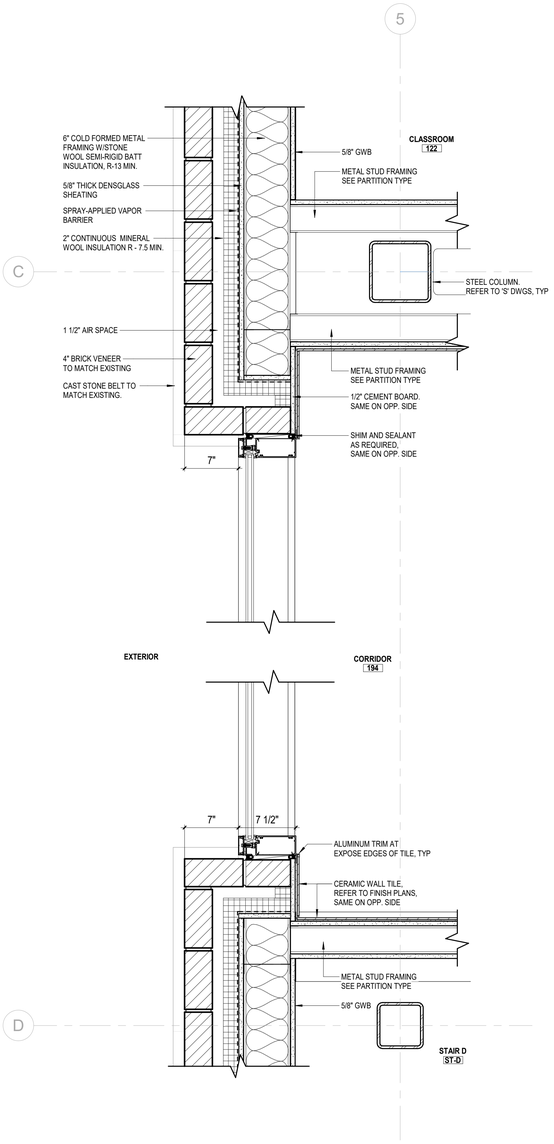
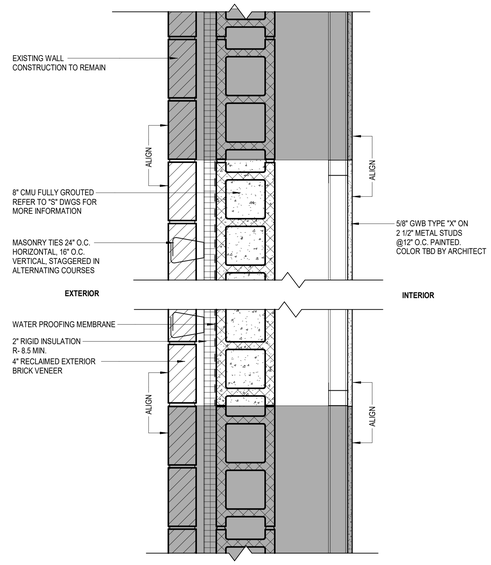


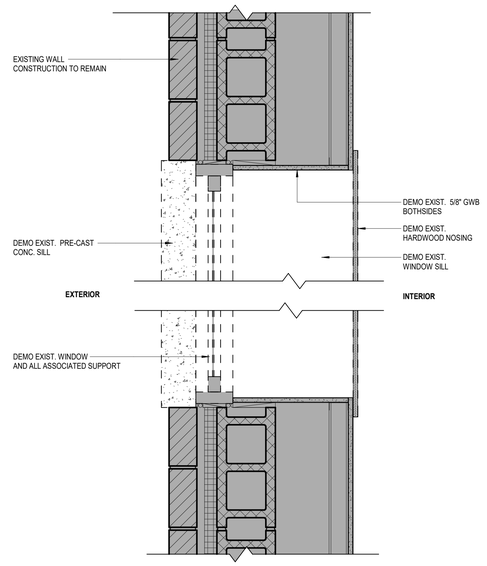
PLAN DETAIL @ CORRIDOR (194) - NEW ADDITION 11

1 1/2" = 1'-0"



PLAN DETAIL @ WINDOW INFILL (1997 ADDITION) 20

1 1/2" = 1'-0"



DEMO PLAN DETAIL @ WINDOW (1997 ADDITION) 10

1 1/2" = 1'-0"

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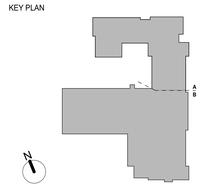

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PLAN DETAILS

A502.1

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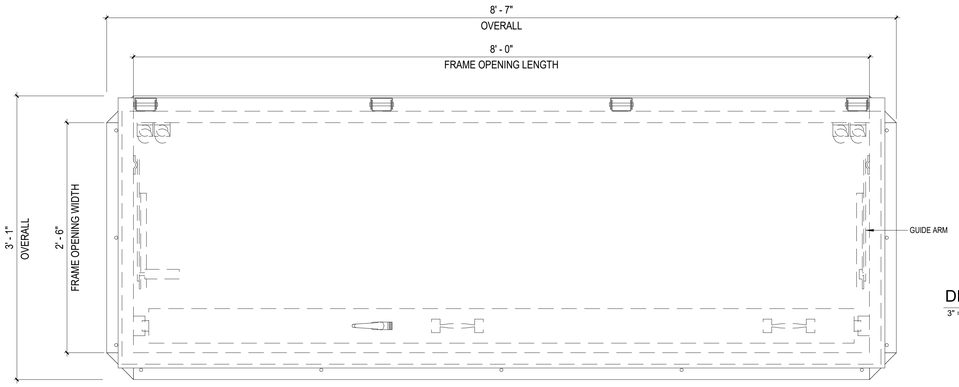
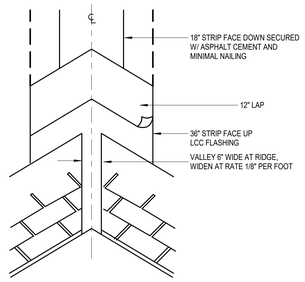
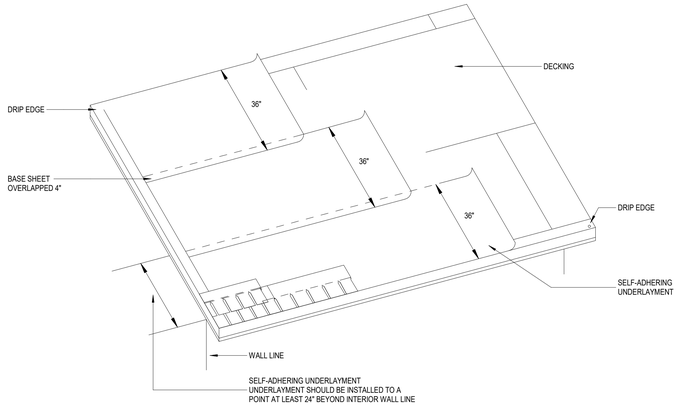




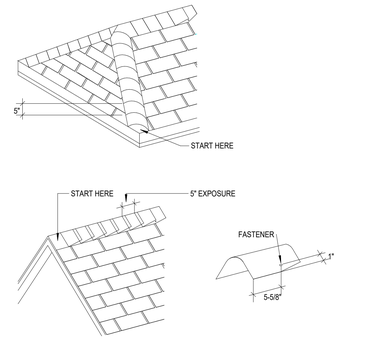
DETAIL @ DORMER OPEN VALLEY 42

3" = 1'-0"



UNDERLAYMENT INSTALLATION DETAIL 41

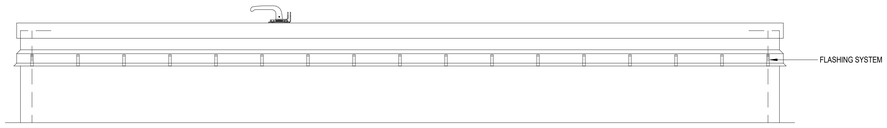
1/2" = 1'-0"



SHINGLE AND HIP AND RIDGE DETAIL 40

1/2" = 1'-0"

PLAN VIEW

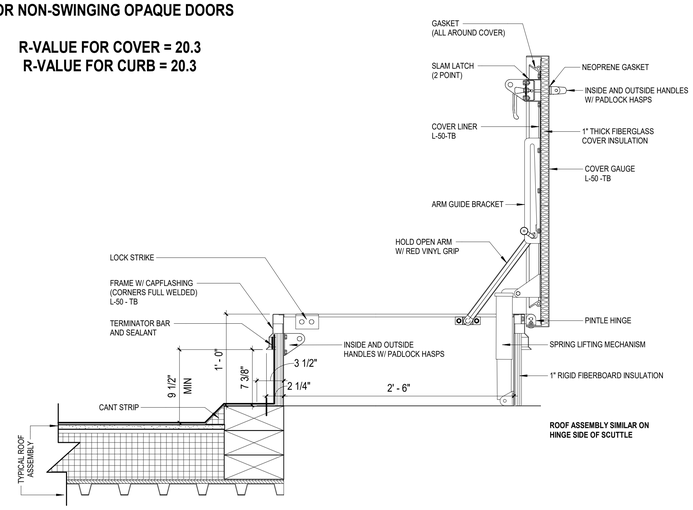


ELEVATION

BASIS OF DESIGN IS
BILCO TYPE L 2'-6" x 8'-0" (L-50TB)
ROOF SCUTTLE

2020 NYSECC C402
REQUIRES R > 4.75
FOR NON-SWINGING OPAQUE DOORS

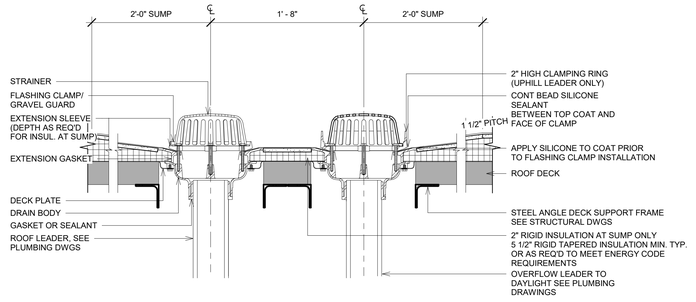
R-VALUE FOR COVER = 20.3
R-VALUE FOR CURB = 20.3



SECTION

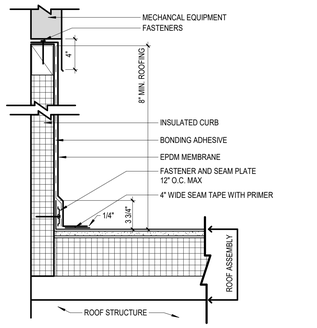
ROOF HATCH DETAILS 13

1 1/2" = 1'-0"



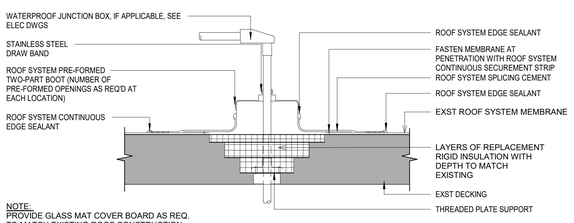
ROOF DRAIN DETAIL 31

1 1/2" = 1'-0"



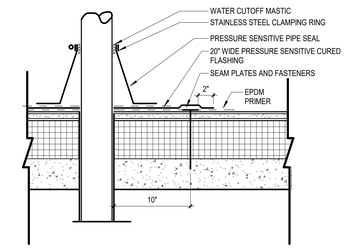
MECHANICAL CURB DETAIL 30

1 1/2" = 1'-0"



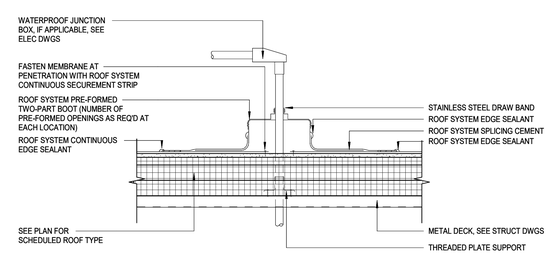
CONDUIT THROUGH EXISTING ROOF SECTION DETAIL 21

1 1/2" = 1'-0"



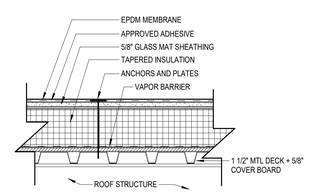
ROOF VENT SECTION DETAIL 20

1 1/2" = 1'-0"



CONDUIT THROUGH ROOF SECTION DETAIL 11

1 1/2" = 1'-0"



EPDM ROOF ASSEMBLY DETAIL 10

1 1/2" = 1'-0"

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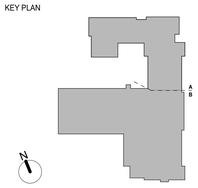

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ROOF DETAILS

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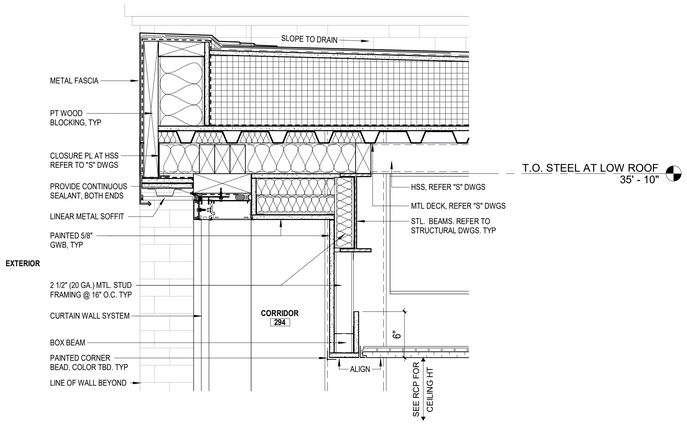
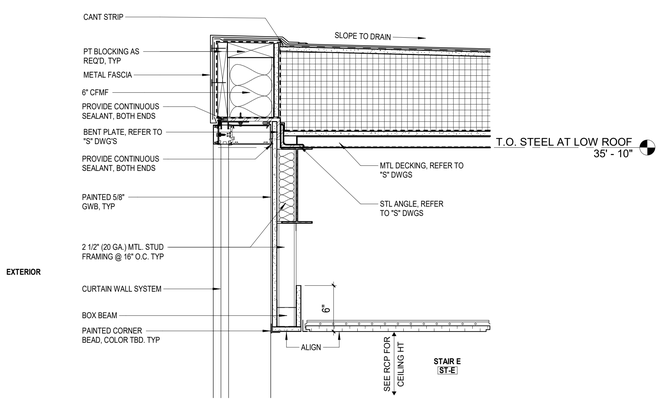


DETAIL @ ROOF EDGE COORIDOR 294

1 1/2" = 1'-0"

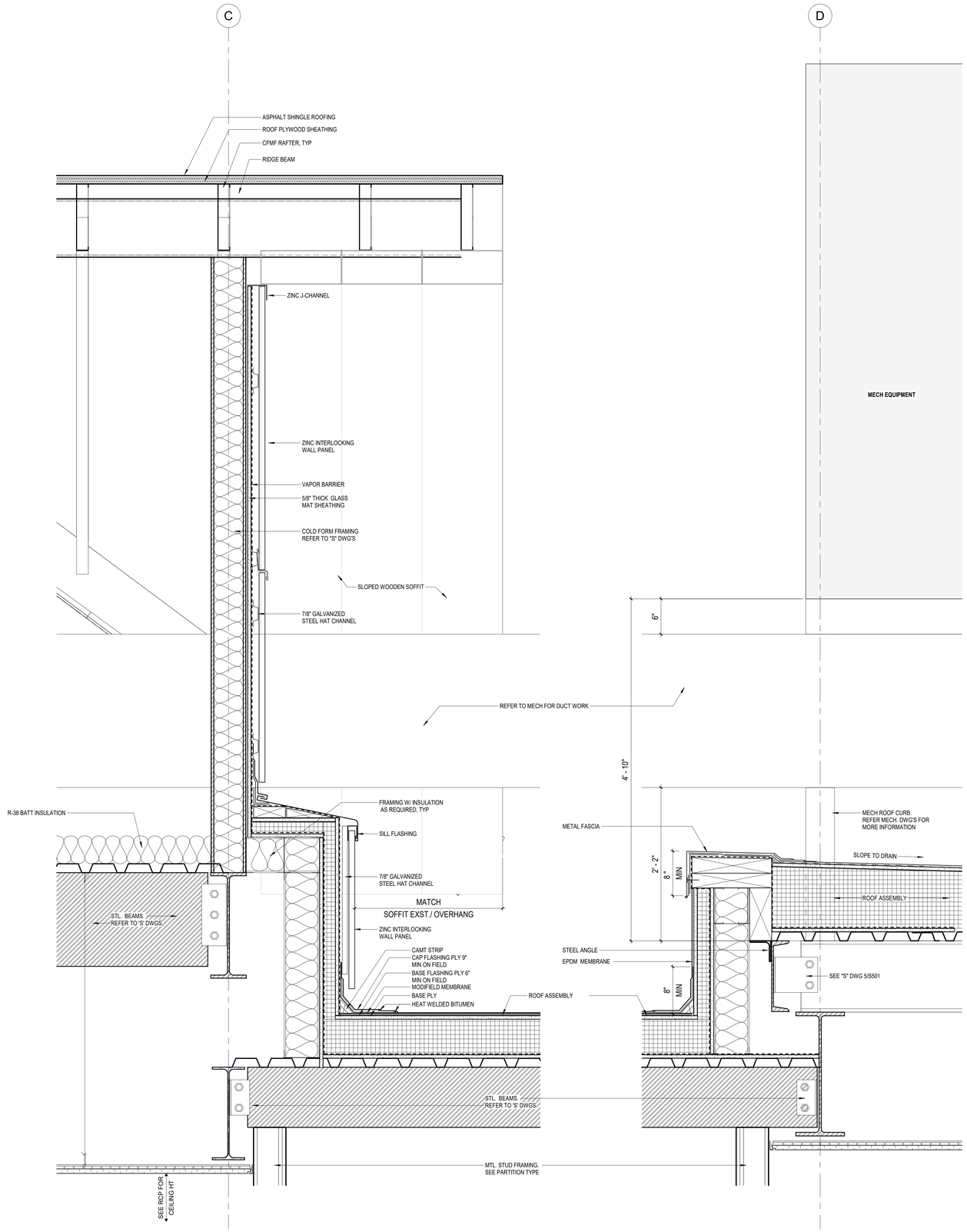
20



DETAIL @ ROOF EDGE STAIR E

1 1/2" = 1'-0"

11



DETAIL AT ROOF DORMER DUCT PENETRATION

1 1/2" = 1'-0"

10

Public Schools of the Tarrytowns

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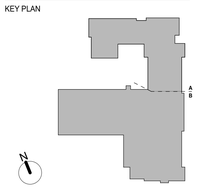

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ROOF DETAILS CONTINUED

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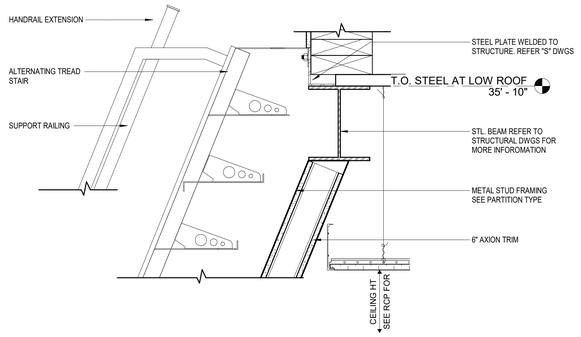
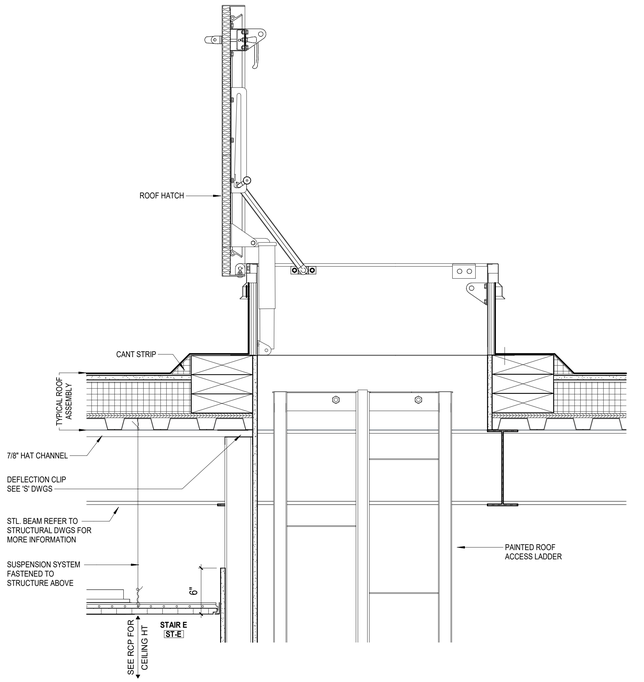


DETAIL @ LADDER PLATFORM

1 1/2" = 1'-0"

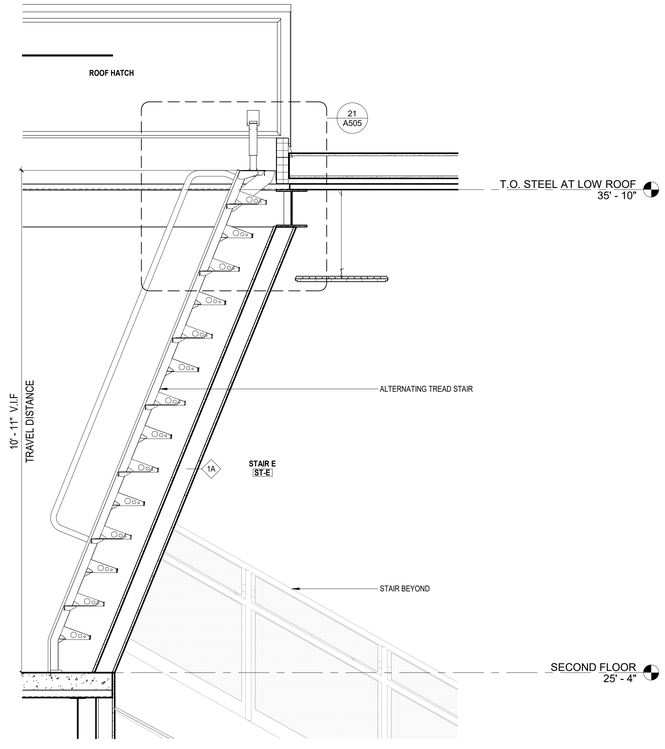
21



SECTION @ ROOF HATCH

1 1/2" = 1'-0"

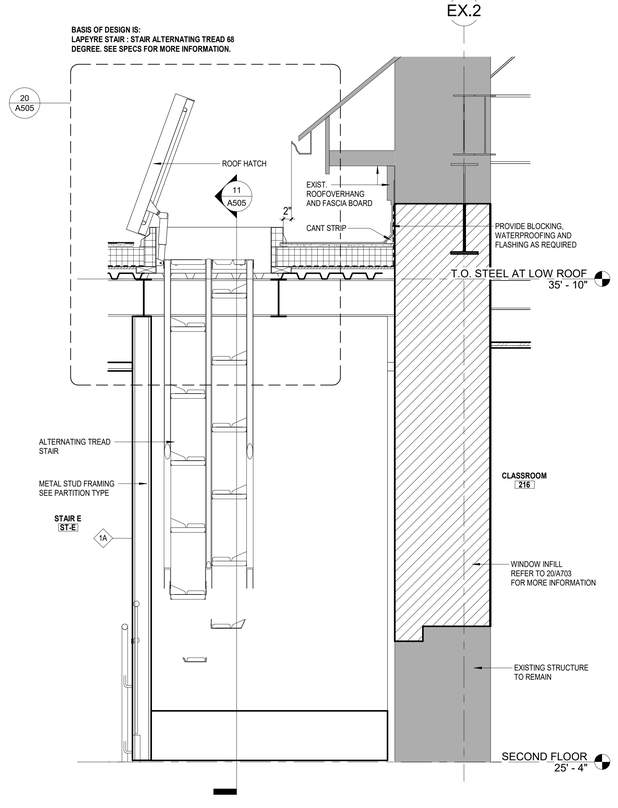
20



SECTION @ ROOF ACCESS LADDER

3/4" = 1'-0"

11



ELEVATION @ ROOF ACCESS LADDER

3/4" = 1'-0"

10

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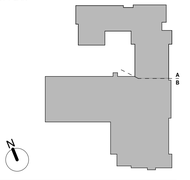

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MEMASI PROJECT NO. 101 - 2403

ROOF HATCH LADDER DETAILS

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PARTITION NOTES

1A — PARTITION TYPE NUMBER

	NOM. CMU SIZE	STC RATING	FIRE RATING	SIDE ONE FINISH
			TEST DESIGN	SIDE TWO FINISH

GENERAL PARTITION NOTES

1. THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES USED.
2. ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY PARTITION SHOWN ON THE FLOOR PLANS WITHOUT A PARTITION TAG. THE ARCHITECT WILL DETERMINE THE PARTITION TYPE TO BE USED AT SUCH LOCATIONS.
3. ALL NEW PARTITIONS IN MUSIC ROOMS TO BE BUILT TO UNDERSIDE OF EXISTING DECK. **TOP AND BOTTOM PLATES OF THE NEW PARTITIONS IN MUSIC ROOMS TO BE ISOLATED FROM THE BUILDING STRUCTURE USING AN ISOLATION PAD, SUCH AS THE KINETICS WALLMAT.** IDEALLY, THERE SHOULD BE NO CONNECTIONS BETWEEN THE WALLS. HOWEVER, IF CONNECTIONS FOR SUPPORT ARE NECESSARY, LSG&A RECOMMENDS THE USE OF A RESILIENT BRACE, SUCH AS THE KINETICS UNIBRACE OR PSB.

FIRE RATED SYSTEMS

1. PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES. THE FIRE RATED JOINT SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION IN WHICH IT IS BEING USED. THIS JOINT SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
2. PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES. THE THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE ASSEMBLY THAT IT IS BEING USED IN. THIS FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
3. ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT.
4. CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.
5. ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE. IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.

CMU WALL SYSTEMS

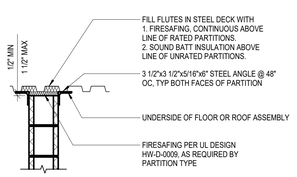
1. ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE.
2. PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE.
3. PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS:
   A) PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT)
   B) DOOR OPENINGS (REINFORCE FULL HEIGHT OFDOOR)
   C) WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD)
   D) WALL ENDS (REINFORCE FULL HEIGHT)
4. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS.
5. PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE.

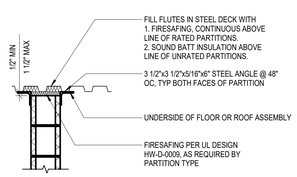
METAL STUD PARTITION AND CEILING SYSTEMS

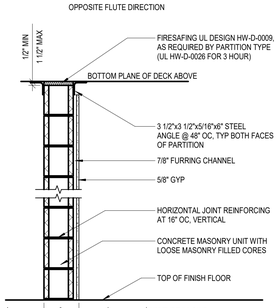
1. ALL DIMENSIONS ARE TO THE FACE OF METAL STUDS UNLESS NOTED OTHERWISE.
2. PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC.
3. PROVIDE METAL L.C. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.
4. PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS:
   A) PERIMETER OF PARTITIONS
   B) RUNNERS
   C) ELECTRICAL OUTLETS
   D) PARTITION PENETRATIONS AND OPENINGS
5. PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.
6. ALL INTERIOR METAL STUDS AND METAL FURRING AT PARTITIONS ARE 20 GAUGE UNLESS OTHERWISE NOTED. ALL INTERIOR METAL STUDS AND FURRING FOR CEILING SOFFITS ARE 25 GAUGE UNLESS NOTED OTHERWISE.
7. ANCHOR INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF INSULATION IS NOT SUPPORTED ON BOTH SIDES BY GYPSUM BOARD. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE
8. GYPSUM BOARD SCHEDULE
   - 5/8" TYPE "X" GYPSUM BOARD UNLESS NOTED OTHERWISE.
   - CORRIDOR AND STUDENT OCCUPIED SPACES FROM FLOOR TO 8'-0" ABOVE FINISHED FLOOR: 5/8" TYPE "X" ABUSE RESISTANT GYPSUM BOARD
   -SUSPENDED GYPSUM BOARD CEILINGS: 5/8" TYPE "X" SAG RESISTANT GYPSUM BOARD
   -EXTERIOR CEILINGS AND SOFFITS: 5/8" GLASS-MAT GYPSUM SHEATHING
   -PARTITIONS TO RECEIVE TILE FINISH: 5/8" TYPE "X"GLASS-MAT WATER RESISTANT BACKING BOARD
   - TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILNGS THAT DO NOT RECEIVE TILE SHALL RECEIVE 5/8" TYPE "X" MOISTURE & MOLD RESISTANT GYPSUM BOARD

MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS

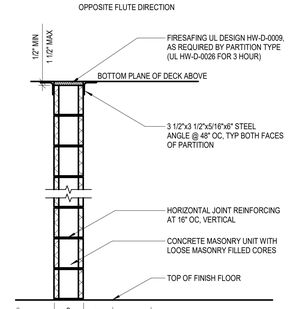
CONSTRUCTION AND LOCATION	MAX SINGLE DIMENSION	MAX SINGLE AREA
	FEET	FEET
PARTITION - INTERIOR	30	-
CEILING - INTERIOR		
W/ PERIMETER RELIEF	50	2500
W/O PERIMETER RELIEF	30	900







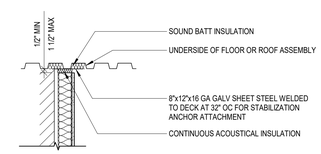
10D 0' - 9 1/8"	8	53	3 HOUR UL U904	5/8" TYPE 'X' GWB 2 LAYERS 5/8" TYPE 'X' GWB	

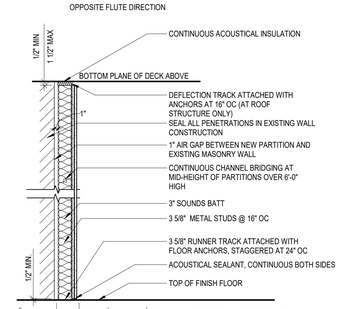


10A 0' - 7 5/8"	8	53	- -	- -	
10B 0' - 7 5/8"	8	56	- -	GROUT FILLED CORES	
10C 0' - 7 5/8"	8	53	1HOUR UL U905		

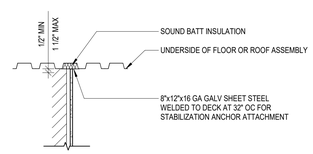
NOT USED

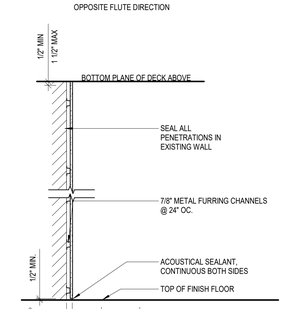
9 0' - 0"	-	-	- -	- -	



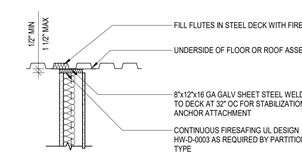


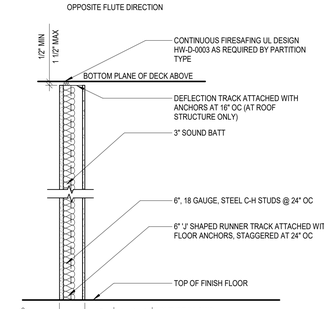
8A 0' - 5 7/8"	60	- -	(2) LAYER 5/8" TYPE 'X' GWB-OFFSET JOINTS		





7A 0' - 1 1/2"	-	- -	5/8" TYPE 'X' GWB ON 7/8" FURRING CHANNEL SPACED 24" OC		
7B 0' - 2 1/8"	-	- -	5/8" QUIETROCK ON 7/8" FURRING CHANNEL SPACED 24" OC ON ISOLATION CLIPS		

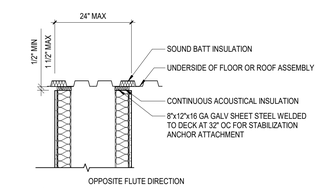


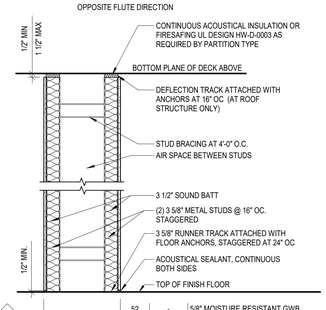


6A 0' - 6 5/8"	45	1 HOUR UL U469	5/8" TYPE 'X' GWB 1" GYPSUM LINER PANEL		
6B 0' - 4 1/4"	45	1 HOUR UL U469	3 5/8" STUD PLUS 5/8" TYPE 'X' GWB 1" GYPSUM LINER PANEL		

8" CMU PARTITION, 7/8" FURRING AND GYP. BD. ON CORRIDOR SIDE

8" CMU PARTITION

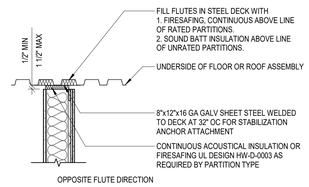


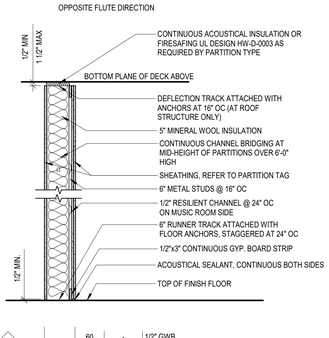


5A VARIES	52	-	5/8" MOISTURE RESISTANT GWB	5/8" MOISTURE RESISTANT GWB	
5B VARIES	52	1 HR UL U420	5/8" TYPE 'X' GWB	5/8" TYPE 'X' GWB	

CHASE WALL

6" CMU PARTITION

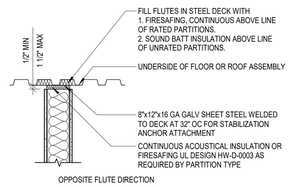


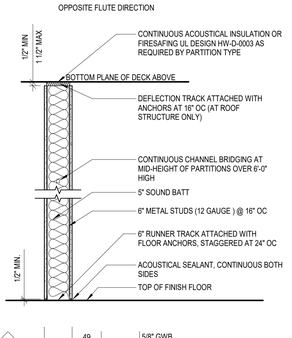


4A 0' - 8"	60	- -	1/2" GWB	2 LAYERS 1/2" GWB	
4B 0' - 8"	60	2 HOUR U 419	1/2" TYPE 'X' GWB	2 LAYERS 1/2" TYPE 'X' GWB	

SOUND ISOLATING STUD WALL

SOUND ISOLATING FURRED WALL

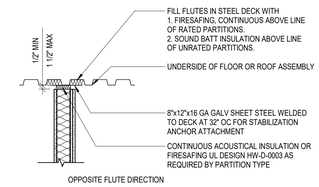


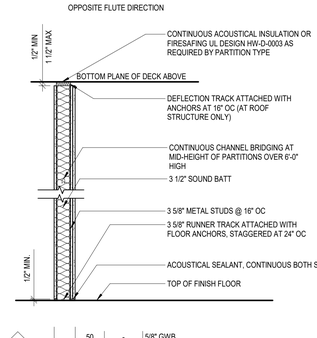


3A 0' - 7 1/4"	49		5/8" GWB	5/8" GWB	
3B 0' - 7 1/4"	49	1 HOUR UL U465	5/8" TYPE 'X' GWB	5/8" TYPE 'X' GWB	
3C 0' - 8 1/2"	56	2 HOUR UL U419	2 LAYERS 5/8" TYPE 'X' GWB	2 LAYERS 5/8" TYPE 'X' GWB	

STUD WALL AT STAIRS

FURRED WALL

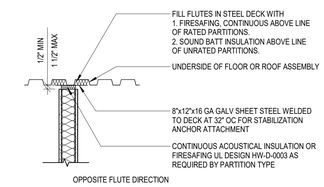


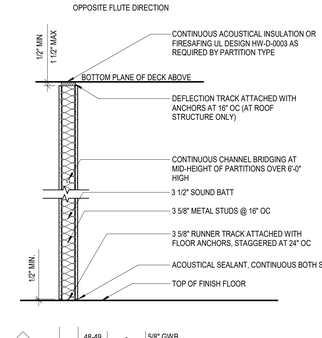


2A 0' - 5 1/2"	50	- -	5/8" GWB	2 LAYERS 5/8" GWB	
2B 0' - 5 1/2"	50	1 HOUR UL U419	5/8" TYPE 'X' GWB	2 LAYERS 5/8" TYPE 'X' GWB	

STUD WALL BETWEEN CLASSROOMS AND CORRIDOR WALLS

SHAFT WALL





1A 0' - 4 7/8"	48-49	- -	5/8" GWB	5/8" GWB	
1B 0' - 4 7/8"	48-49	1 HOUR UL U419	5/8" TYPE 'X' GWB	5/8" TYPE 'X' GWB	
1C 0' - 4 1/4"		- -	5/8" GWB		

STUD WALL

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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SECURITY CONSULTANT
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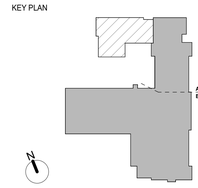
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PARTITION TYPES

A600

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. PROVIDE FIRE-RATED LOUVERS AT ALL CUSTODIAL CLOSET DOORS.

KEY NOTES

8.15 EXISTING FRAME TO REMAIN. STRIP, PREP AND PRIME EXISTING FRAME TO RECEIVE NEW FINISH.

GLAZING TYPES

G-1 FIRE-RATED, SAFETY RATED TEMPERED GLASS
FIRE PROTECTIVE: 20 MINUTES
(TGP FIREGLASS 20)
USED FOR CLASSROOM DOORS ONTO CORRIDOR

G-2 FIRE-RATED, SAFETY RATED LAMINATED GLASS CERAMIC
FIRE PROTECTIVE: 20 - 90 MINUTES
(TGP FIRELITE PLUS) USED FOR 1 AND 2 HOUR WALL ASSEMBLIES WHEN WINDOW AREA < 25% OF WALL AREA, DOORS INTO STAIR ENCLOSURES

G-3 FIRE-RATED, FORCED ENTRY AND BULLET RESISTANT TRANSPARENT MULTI-LAMINATE WALL PANEL FIRE PROTECTIVE - 45 MINUTES & LEVEL III BULLET RESISTANCE TGP PILKINGTON PYROSTOP WITH SCHOOL GUARD GLASS USED AT INTERIOR WINDOW / DOOR ASSEMBLIES THAT REQUIRE BULLET/IMPACT RESISTANCE.

IG-1 IG-1: INSULATING GLASS. FOR EXTERIOR OPENINGS WITHOUT SPECIAL REQUIREMENTS.

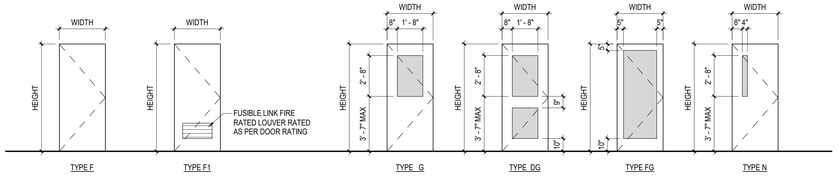
IG-2 IG-2: SHOOTER-ATTACK-CERTIFIED SECURITY GLAZING (ARMOURED ONE SHOOTER ATTACK GLASS) LEVEL III BULLET RESISTANCE. USED AT EXTERIOR DOORS AND SIDELITES WHERE SECURITY GLASS IS DESIRED.

IG-3: FIRE-RATED, SAFETY-RATED INSULATING GLASS. USED FOR PROTECTED DOOR AND WINDOW OPENINGS.

NOTE:
ALL INTERIOR GLAZING SIZES AND TYPES ARE TO COMPLY WITH NFPA
80 AND/OR ASTM E119.

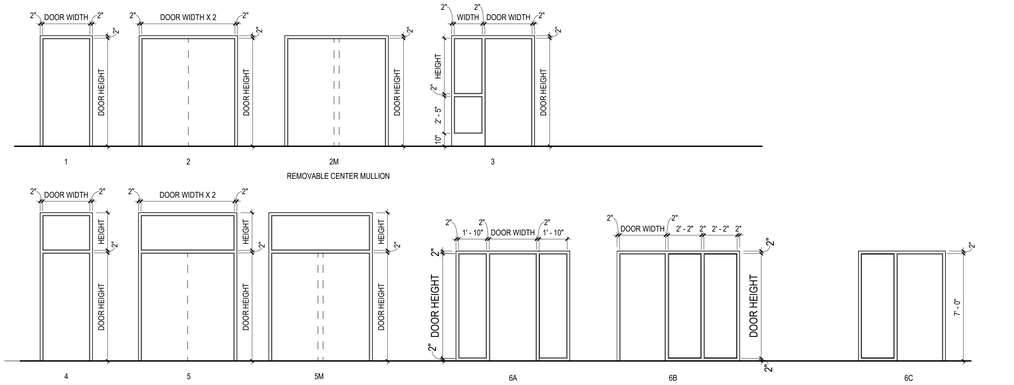
ABBREVIATIONS:

AL./GL = FIRE-RATED ALUMINUM GLASS DOOR, TRANSOM AND FRAMES



DOOR TYPES

1/4" = 1'-0"



FRAME TYPES

1/4" = 1'-0"

Legend

Description	Quantity	Unit
Door and frame, single door	176	Count

EXISTING DOOR SCHEDULE

DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO		HARDWARE	REMARKS
EXT-E	-	EXTERIOR	10B	KITCHEN	3.0	EXISTING
EXT-G	1	-	EXTERIOR	STAIR H	ST-H	3.0 EXISTING

DOOR SCHEDULE

DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO		DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR GLAZING LABEL (MIN)	DOOR MAT	DOOR FIN	FRAME TYPE	FRAME MAT	FRAME FIN	FRAME HEAD DTL	FRAME JAMB DTL	FRAME SILL DTL	GLAZING	HARDWARE	ALTERNATE	DOOR NUMBER	DOOR COMMENTS
B07-1	2	B09	VESTIBULE		3'-0"	7'-0"	0'-1 3/4"	F	-	WD	FF	2	HM	PNT	30/A611	20/A611		-	32.1		B07-1	
B08A-1	2			B08A	ELECTRICAL ROOM	3'-0"	7'-0"	0'-1 3/4"	F	45	HM	PNT	2	HM	PNT	30/A611	20/A611		-	21.1		B08A-1	
B08A-2	1			B08A	ELECTRICAL ROOM	3'-0"	7'-0"	0'-1 3/4"	F	45	HM	PNT	1	HM	PNT	30/A611	20/A611		-	21.0		B08A-2	
B08B-2	1			B08B	WATER SERVICE ROOM	4'-0"	7'-0"	0'-1 3/4"	F	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-	19.0		B08B-2	
B09-1	2	ST-D	STAIR D	B09	VESTIBULE	3'-0"	7'-0"	0'-1 3/4"	F	90	HM	PNT	2	HM	PNT	30/A611	20/A611		-	8.0		B09-1	
B09A-1	1	B09	VESTIBULE	B09A	TOILET	3'-0"	7'-0"	0'-1 3/4"	F1	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-	26.0		B09A-1	
B09B-1	1	B09	VESTIBULE	B09B	TOILET	3'-0"	7'-0"	0'-1 3/4"	F1	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-	26.0		B09B-1	
EXT-D	1	-	EXTERIOR	ST-E	STAIR E	3'-0"	7'-0"	0'-1 3/4"	DG	0	WD	FF	3	HM	PT	31/A611	21/A611	10/A611	-	7.0		EXT-D	
EXT-S	2	ST-E	STAIR E	-	EXTERIOR	3'-0"	7'-0"	0'-1 3/4"	FG	0	AL	AN	6	AL	AN	52/A612	42/A612	10/A611	-	1.0		EXT-S	
SB07-1	1	B01A	GYM FLOOR	SB07	ELEC	3'-0"	7'-0"	0'-1 3/4"	F	-	HM	PNT	1	HM	PNT	33/A611	22/A611	10/A611		19.0	ALTERNATE 2	SB07-1	
STA1-1	2	192	CORRIDOR	ST-A	STAIR A	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STA1-1	
STA2-1	2	291	CORRIDOR	ST-A	STAIR A	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STA2-1	
STA3-1	1	391	CORRIDOR	390	CORRIDOR	3'-4 1/2"	7'-0"	0'-1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STA3-1	
STAG-1	1	091	CORRIDOR	ST-A	STAIR A	3'-0"	7'-0"	0'-1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-1	
STAG-2	1	091	CORRIDOR	ST-A	STAIR A	3'-0"	7'-0"	0'-1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-2	
STAG-3	1	STA-P	EXIT PASSAGEWAY	STA-V	VESTIBULE	3'-4 1/2"	6'-8"	0'-1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-3	
STAV-1	2	STA-V	VESTIBULE	ST-G	STAIR G	3'-1 1/2"	7'-1"	0'-1 3/4"	G	90	HM	PNT	2	HM	PNT	33/A611	22/A611	10/A611	G-2	8.1	ALTERNATE 2	STAV-1	
STB1-1	2	192	CORRIDOR	ST-B	STAIR B	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STB1-1	
STB2-1	2	292	CORRIDOR	ST-B	STAIR B	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STB2-1	
STB3-1	1	391	CORRIDOR	ST-B	STAIR B	3'-4 1/2"	7'-0"	0'-1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STB3-1	
STB3-2	1	-	ROOF C	ST-B	STAIR B	3'-0"	7'-1"	0'-1 3/4"	N	90	HM	PNT	1	HM	PNT	33/A611	22/A611	10/A611	G-2	7.0	ALTERNATE 2	STB3-2	
STBG-1	1	091	CORRIDOR	ST-B	STAIR B	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STBG-1	
STBG-2	1	091	CORRIDOR	ST-B	STAIR B	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STBG-2	
STC1-1	2	ST-C	STAIR C	192	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	G	60	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.0		STC1-1	
STC2-1	2	ST-C	STAIR C	291	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	G	90	HM	PNT	2	HM	PNT	40/A611	41/A611		G-2	8.0		STC2-1	
STCG-1	2	091	CORRIDOR	ST-C	STAIR C	3'-0"	7'-0"	0'-1 3/4"	G	60	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STCG-1	
STCG-2	1	ST-CA	CL	ST-C	STAIR C	2'-7 1/2"	6'-11"	0'-1 3/4"	F	60	WD	FF	1	HM	PNT	33/A611	22/A611		G-2	19.0	ALTERNATE 2	STCG-2	8.15
STD1-1	2	194	CORRIDOR	ST-D	STAIR D	3'-0"	7'-2"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STD1-1	
STD2-1	2	294	CORRIDOR	ST-D	STAIR D	3'-0"	7'-2"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STD2-1	
STDB-1	2	-	EXTERIOR	ST-D	STAIR D	3'-0"	7'-0"	0'-1 3/4"	G	90	FRP	FRP	2	AL	AN	33/A611	22/A611	10/A611	G-3	1.0		STDB-1	
STDG-1	2	094	CORRIDOR	ST-D	STAIR D	3'-0"	7'-2"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STDG-1	
STE2-2	1	ST-E	STAIR E	ST-E	STAIR E	3'-0"	7'-0"	0'-1 3/4"	F	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-			STE2-2	
STHB-1	1	B01C	GYM BLEACHERS	ST-H	STAIR H	3'-2 1/2"	6'-10"	0'-1 3/4"	N	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	9.0	ALTERNATE 2	STHB-1	

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10

MATERIAL LEGEND

AL	ALUMINUM
FRP	FIBRE-REINFORCED POLYESTER (SPEC SECTION 081713)
HM	HOLLOW METAL
WD	WOOD

FINISHES LEGEND

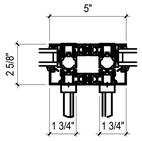
AN	ANODIZED
FF	FACTORY FINISHED
FRP	THROUGH COLOR FRP PANEL
PT/PNT	PAINTED FINISH

DOOR SCHEDULE

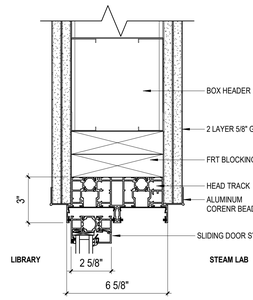
DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO		DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR GLAZING LABEL (MIN)	DOOR MAT	DOOR FIN	FRAME TYPE	FRAME MAT	FRAME FIN	FRAME HEAD DTL	FRAME JAMB DTL	FRAME SILL DTL	GLAZING	HARDWARE	ALTERNATE	DOOR NUMBER	DOOR COMMENTS
001-1	1	091	CORRIDOR	001	CAFETERIA	3'-0"	7'-0"	0'-1 3/4"	G	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	6.0	ALTERNATE 2	001-1	
001-2	1	091	CORRIDOR	001	CAFETERIA	3'-0"	7'-0"	0'-1 3/4"	G	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	6.1	ALTERNATE 2	001-2	
001-3	1	STA-V	VESTIBULE	001	CAFETERIA	3'-9"	7'-0"	0'-1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611		G-2	9.0	ALTERNATE 2	001-3	
001A-1	1	001A	IT HELP DESK	001	CAFETERIA	3'-0"	6'-10"	0'-1 3/4"	G	-	WD	FF	1	HM	PNT	33/A611	22/A611		G-1	13.0	ALTERNATE 2	001A-1	
001B-1	1	001	CAFETERIA	001B	KITCHEN	3'-0"	7'-0"	0'-1 3/4"	N	45	WD	FF	1	HM	PNT	30/A611	20/A611		G-2	25.0		001B-1	
001C-1	1	001B	KITCHEN	001C	DRY STORAGE	2'-6"	6'-8"	0'-1 3/4"	N	45	HM	PNT	1	HM	PNT	32/A611	21/A611		G-1	25.0		001C-1	
003-1	1	091	CORRIDOR	003	CUST.	3'-0"	7'-0"	0'-1 3/4"	N	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	18.0	ALTERNATE 2	003-1	
003A-1	1	003	CUST.	3A	TOILET	2'-0"	6'-8"	0'-1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611	13/A611	-	22.0	ALTERNATE 2	003A-1	
005A-1	1	091	CORRIDOR	5A	BOYS' LOCKER ROOM	3'-0"	6'-8"	0'-1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	15.0	ALTERNATE 2	005A-1	
005A-2	1	-	BLEACHERS	5A	BOYS' LOCKER ROOM	2'-10 1/2"	7'-0"	0'-1 3/4"	F	90	HM	PNT	1	HM	PNT	33/A611	22/A611	ETR	-	16.0	ALTERNATE 2	005A-2	8.15
005B-1	1	091	CORRIDOR	005B	BOYS' TLT	3'-0"	6'-7"	0'-1 3/4"	F1	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	27.0	ALTERNATE 2	005B-1	
005C-1	1	091	CORRIDOR	005C	STAFF 'TLT'	3'-0"	6'-7"	0'-1 3/4"	F1	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	26.0	ALTERNATE 2	005C-1	
005D-1	1	091	CORRIDOR	005D	GIRLS' TLT	3'-0"	6'-7"	0'-1 3/4"	F1	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	27.0	ALTERNATE 2	005D-1	
005E-1	1	091	CORRIDOR	005E	GIRLS' LOCKER ROOM	3'-0"	7'-0"	0'-1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	15.0	ALTERNATE 2	005E-1	
005E-2	1	B01	GYMNASIUM	005E	GIRLS' LOCKER ROOM	2'-10"	7'-0"	0'-1 3/4"	F	90	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	16.0	ALTERNATE 2	005E-2	8.15
005G-1	1	091	CORRIDOR	005G	CUSTODIAL	2'-9"	6'-7"	0'-1 3/4"	F1	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	18.0	ALTERNATE 2	005G-1	8.15
006-1	1	091	CORRIDOR	006	MECHANICAL	2'-6"	7'-0"	0'-1 3/4"	F	20	HM	PNT	1	HM	PNT	33/A611	22/A611	24/A611	-	32.0	ALTERNATE 2	006-1	8.15
006-2	2	091	CORRIDOR	006	MECHANICAL	2'-6"	6'-10"	0'-1 3/4"	F	20	HM	PNT	2	HM	PNT	33/A611	22/A611	24/A611	-	32.1	ALTERNATE 2	006-2	8.15
007-1	1	9A	ENTRY	007	STAFF DEVELOPMENT	3'-0"	6'-8"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	22.0	ALTERNATE 2	007-1	
008-1	1	091	CORRIDOR	008	STORAGE	3'-0"	6'-8"	0'-1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	19.0	ALTERNATE 2	008-1	
008-2	1	010	VESTIBULE	008	STORAGE	2'-6"	7'-0"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	40/A611	41/A611		G-1	19.0	ALTERNATE 2	008-2	8.15
009-1	2	091	CORRIDOR	9A	ENTRY	2'-4 1/2"	6'-10"	0'-1 3/4"	N	20	WD	FF	2	HM	PNT	33/A611	22/A611		G-3	24.1	ALTERNATE 2	009-1	8.15
010-1	1	091	CORRIDOR	010	VESTIBULE	2'-8"	6'-10"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	12.0	ALTERNATE 2	010-1	8.15
010-2	1	010	VESTIBULE	010A	ENL	3'-0"	7'-0"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		010-2	
010-3	1	010	VESTIBULE	010B	IDF	3'-0"	7'-0"	0'-1 3/4"	F	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	19.0		010-3	
011-1	1	091	CORRIDOR	011	SE 12:1:1 CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	011-1	
012-1	1	093	CORRIDOR	012	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	012-1	
014-1	1	093	CORRIDOR	014	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	014-1	
018-1	1	094	CORRIDOR	018	SE 15:1:1 CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		018-1	
020-1	1	094	CORRIDOR	020	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		020-1	
021-1	1	094	CORRIDOR	021	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		021-1	
022-1	1	B09	VESTIBULE	022	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		022-1	
023A-1	1	095	CORRIDOR	023A	TOILET	3'-0"	7'-0"	0'-1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		023A-1	
023B-1	1	095	CORRIDOR	023B	TOILET	3'-0"	7'-0"	0'-1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		023B-1	
023C-1	1	095	CORRIDOR	023C	STORAGE	3'-0"	7'-0"	0'-1 3/4"	F	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	18.0		023C-1	
092-1	2	091	CORRIDOR	092	CORRIDOR	3'-0"	6'-9"	0'-1 3/4"	G	20	WD	FF	2	HM	PNT	40/A611	41/A611		G-1	8.5		092-1	
092-2	1	092	CORRIDOR	B01	GYMNASIUM	3'-0"	7'-0"	0'-1 3/4"	G	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	6.0	ALTERNATE 2	092-2	
092-3	1	092	CORRIDOR	B01	GYMNASIUM	3'-0"	7'-0"	0'-1 3/4"	G	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	6.0	ALTERNATE 2	092-3	
092-4	1	ST-J	STAIR J	092	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	F	20	HM	PNT	1	HM	PNT	33/A611	22/A611		-	19.0	ALTERNATE 2	092-4	
093-0	2	091	CORRIDOR	091A	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.5		093-0	
093-1	2	091A	CORRIDOR	093	CORRIDOR	3'-0 1/4"	7'-0"	0'-1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.5		093-1	
093-2	2	094	CORRIDOR	ST-E	STAIR E	3'-0"	6'-9"	0'-1 3/4"	G	60	WD	FF	2	HM	PNT	31/A611	21/A611		G-2	8.0		093-2	
093-3	2	ST-E	STAIR E	093	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	G	60	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		093-3	
095-1	1	095	CORRIDOR	B09	VESTIBULE	3'-0"	7'-0"	0'-1 3/4"	G	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-1	10.0		095-1	
100E-4	1	105A	JANITOR	105	GIRLS T	2'-8"	6'-6"	0'-1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	100E-4	
101-1	1	ST-C	STAIR C	101	CLASSROOM	2'-7"	7'-0"	0'-1 3/4"	N	90	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	101-1	8.15
102-1	1	ST-C	STAIR C	102	CLASSROOM	2'-7"	7'-0"	0'-1 3/4"	N	90	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	102-1	8.15
103-1	1	192	CORRIDOR	103	NURSE	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	23.0		103-1	
104-1		192	CORRIDOR	104	MAIN OFFICE	3'-0"	7'-0"		FG	20	AL	AN	6	AL	AN				G-3	13.0		104-1	
104A-1	1	192	CORRIDOR	104A	CORRIDOR	2'-8"	6'-10"	0'-1 3/4"	G	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	23.0		104A-1	8.15
104B-1	1	192	CORRIDOR	104B	CONFERENCE	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611	14/A611	G-3	23.0		104B-1	
104B-2	1	104A	CORRIDOR	104B	CONFERENCE	3'-0"	7'-0"	0'-1 3/4"	G	20	WD	FF	1	HM	PNT	30/A611	20/A611	14/A611	G-3	22.0		104B-2	
104C-1	1	104A	CORRIDOR	104C	PRINCIPAL'S OFFICE	3'-0"	6'-8"	0'-1 3/4"	DG	-	WD	FF	3	HM	PT	30/A611	20/A611		G-3	22.0		104C-1	
104C-2	1	104	MAIN OFFICE	104C	PRINCIPAL'S OFFICE	3'-0"	7'-0"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		104C-2	
104G-1	1	104E	MAIL	104G	SUPPLY ROOM	2'-8"	6'-8"	0'-1 3/4"	F	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	104G-1	8.15
104H-1	1	192	CORRIDOR	104E	MAIL	3'-0"	7'-0"	0'-1 3/4"	G	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-1	23.0		104H-1	
104I-1	1	104	MAIN OFFICE	104I	CLOSET	1'-6"	7'-0"	0'-1 3/4"	F	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	104I-1	
106A-1	1	192	CORRIDOR	106A	BOOK STRG	3'-0"	7'-0"	0'-1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	19.0		106A-1	
106C-1	1	192	CORRIDOR	106C	FACULTY ROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	20.0		106C-1	
106D-1	1	106C	FACULTY ROOM	106D	TOILET	3'-0"	7'-0"	0'-1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		106D-1	
106E-1	1	106C	FACULTY ROOM	106E	TOILET	2'-6"	7'-0"	0'-1 3/4"	F1	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	28.0		106E-1	8.15
106F-1	1	106C	FACULTY ROOM	106F	CLOSET	2'-8"	7'-0"	0'-1 3/4"	F	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	18.0		106F-1	8.15
107-1	1	192	CORRIDOR	107	OCCUPATIONAL THERAPY	2'-8"	6'-10"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		107-1	8.15
108-1	1	192	CORRIDOR	108	PHYSICAL THERAPY	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		108-1	
108A-1	2	108	PHYSICAL THERAPY	108A	STORAGE	2'-6"	7'-0"	0'-1 3/4"	F	-	WD	FF	2	HM	PNT	30/A611	20/A611		-	17.0		108A-1	
110-1	1	192	CORRIDOR	110	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		110-1	
110-2	1	192	CORRIDOR	110	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		110-2	
111A-1	1	192	CORRIDOR	111	WAITING	3'-0"	7'-0"	0'-1 3/4"	G	20	WD	FF	1	HM	PNT	33/A611	21/A611		G-3	23.0		111A-1	
111A-2	1	111	WAITING	111A	SOCIAL WORKER	3'-0"	7'-0"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		111A-2	
111B-1	1	111	WAITING	111B	SOCIAL WORKER	3'-0"	7'-0"	0'-1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		111B-1	
112-1	1	192	CORRIDOR	112	MATH AIS	2'-7"	6'-10"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611	14/A611	G-3	14.0		112-1	8.15
113A-1	1	113	BOYS' TOILET	113A	CUSTODIAL	2'-4 1/2"	6'-10"	0'-1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	113A-1	
114-1	1	193	CORRIDOR	114	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	114-1	
115-1	1	192	CORRIDOR	115	PSYCHOLOGIST	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	20.0		115-1	
116-1	1	193	CORRIDOR	116	CLASSROOM	3'-0"	7'-0"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	116-1	
117-1	1	192	CORRIDOR	117	SE 8:1:2 CLASSROOM	2'-7"	6'-10"	0'-1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611

SHEET NOTES

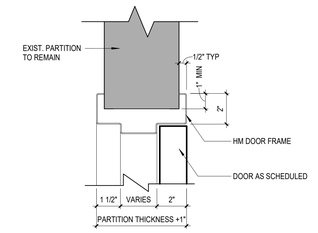
KEY NOTES



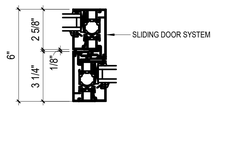
SLIDING PARTITION INTERLOCK 52
3" = 1'-0"



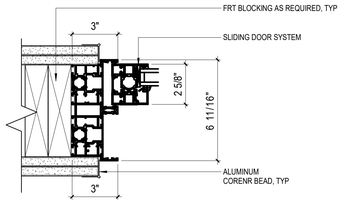
SLIDING PARTITION HEAD DETAIL 51
3" = 1'-0"



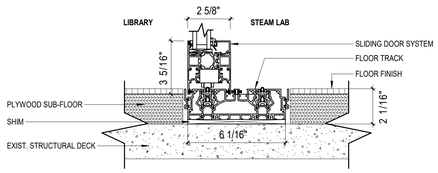
HEAD DETAIL - EXIST METAL STUD 50
3" = 1'-0"



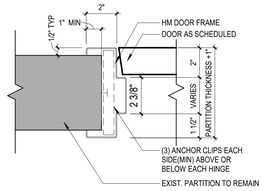
SLIDING PARTITION MEETING RAIL 43
3" = 1'-0"



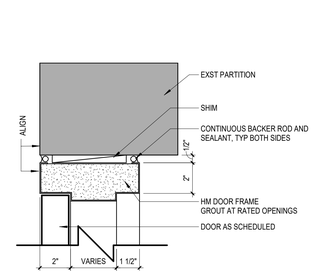
SLIDING PARTITION JAMB DETAIL 42
3" = 1'-0"



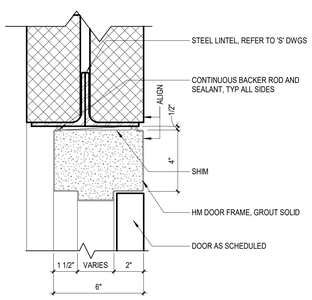
SLIDING PARTITION FLUSH SILL DETAIL 41
3" = 1'-0"



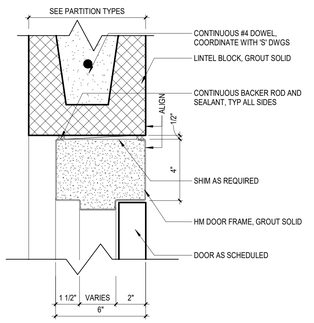
JAMB DETAIL - EXIST METAL STUD 40
3" = 1'-0"



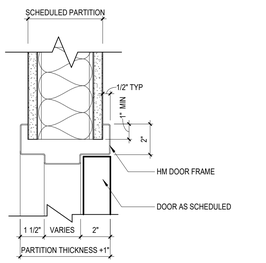
HEAD DETAIL - EXISTING PARTITION 33
3" = 1'-0"



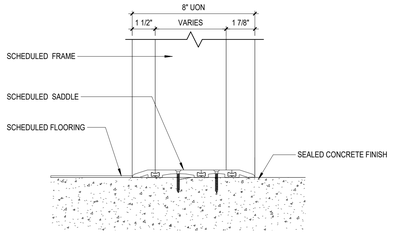
HEAD DETAIL- CMU W/ STEEL LINTEL 32
3" = 1'-0"



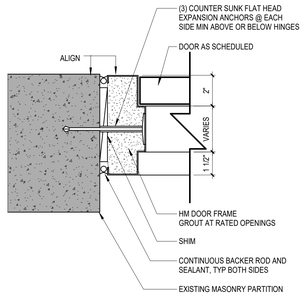
HEAD DETAIL - CMU W/ BLOCK LINTEL 31
3" = 1'-0"



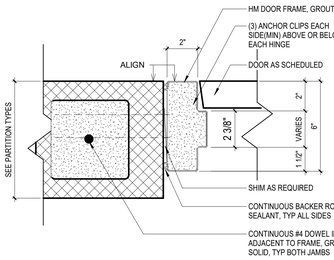
HEAD DETAIL - METAL STUD 30
3" = 1'-0"



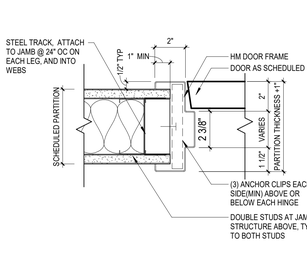
VCT TO CONCRETE 24
3" = 1'-0"



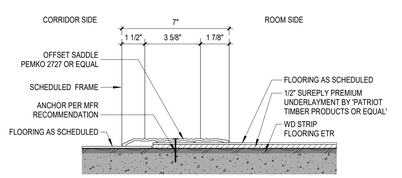
JAMB DETAIL - EXISTING PARTITION 22
3" = 1'-0"



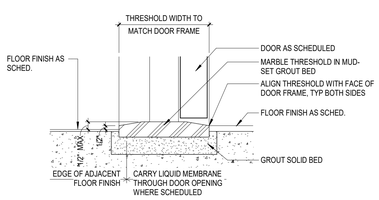
JAMB DETAIL - CMU 21
3" = 1'-0"



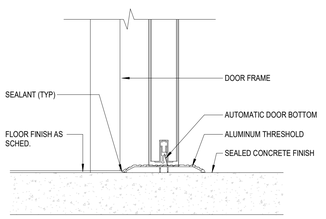
JAMB DETAIL - METAL STUD 20
3" = 1'-0"



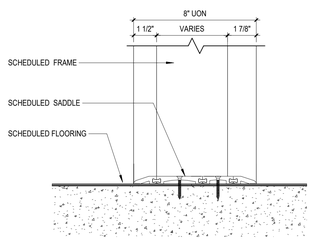
OFFSET SADDLE DETAIL
3" = 1'-0"



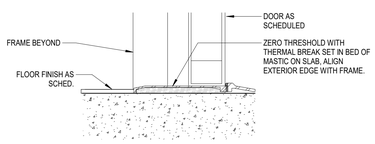
STONE SILL DETAIL 13
3" = 1'-0"



ACOUSTICAL DOOR SILL DETAIL 12
3" = 1'-0"



FLAT SADDLE DETAIL 11
3" = 1'-0"



EXTERIOR DOOR THRESHOLD DETAIL 10
3" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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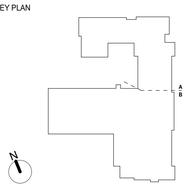
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DOOR DETAILS

A611

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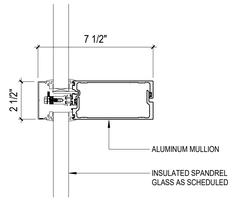
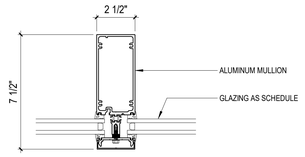
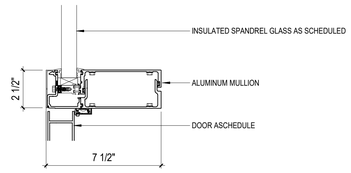


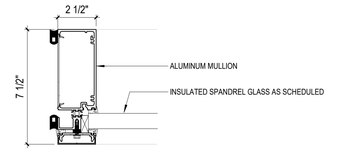
DETAIL @ HORIZONTAL CW MULLION SPANDREL 54
3" = 1'-0"



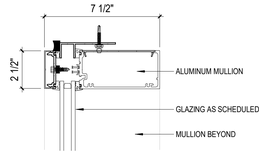
DETAIL @ VERTICAL CW MULLION GLAZING 53
3" = 1'-0"



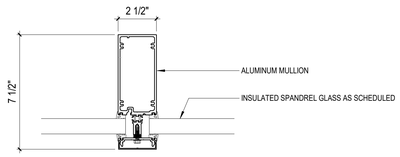
DETAIL @ CW DOOR HEAD 52
3" = 1'-0"



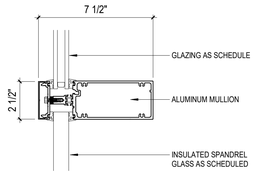
DETAIL @ CURTAIN WALL PANEL JAMB 51
3" = 1'-0"



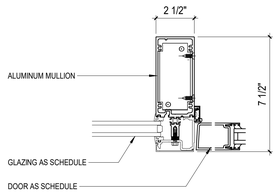
DETAIL @ CURTAIN WALL HEAD 50
3" = 1'-0"



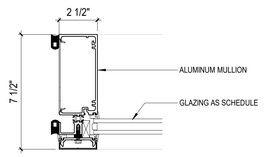
DETAIL @ VERTICAL CW MULLION SPANDREL 44
3" = 1'-0"



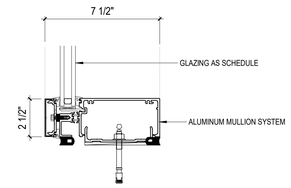
DETAIL @ HORIZONTAL CW MULLION GLAZING 43
3" = 1'-0"



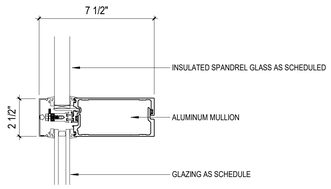
DETAIL @ CW DOOR JAMB - R 42
3" = 1'-0"



DETAIL @ CURTAIN WALL GLASS JAMB 41
3" = 1'-0"



DETAIL @ CURTAIN WALL SILL 40
3" = 1'-0"



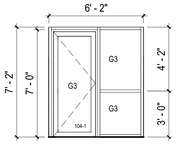
DETAIL @ CW SPANDREL AND GLAZING 20
3" = 1'-0"

GLAZING TYPES	
G-1	FIRE-RATED, SAFETY-RATED, TEMPERED GLASS
G-2	FIRE-RATED, SAFETY-RATED, LAMINATED CERAMIC GLASS
G-3	FIRE-RATED, FORCED ENTRY AND BULLET RESISTANT TRANSPARENT MULTI-LAMINATE WALL PANEL
IG-1	INSULATED GLASS
IG-2	INSULATED SHOOTER ATTACK CERTIFIED SECURITY GLAZING
IG-3	INSULATED FIRE RATED, SAFETY RATED INSULATING GLASS.
IG-SP	INSULATED SPANDREL GLASS
OIP	OPAQUE INSULATED PANEL

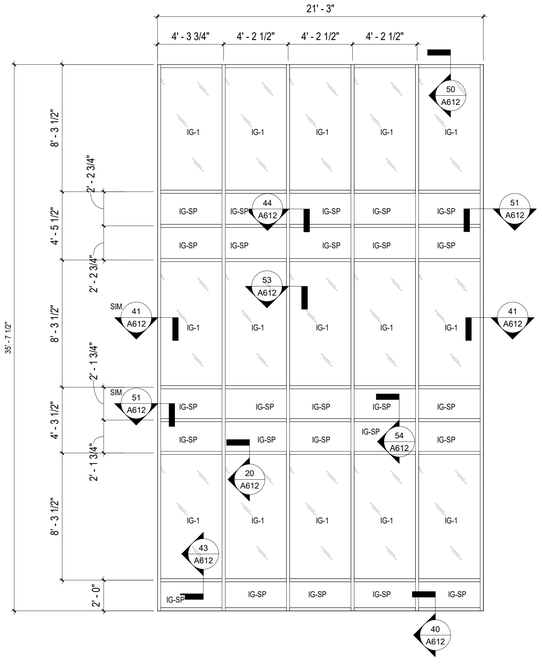
NOTE:
GLAZING AND VISION PANELS IN FIRE RATED DOORS IN CORRIDOR WALLS TO COMPLY WITH NFPA 252, NFPA 257, UL 9, UL 10B, UL 10C.

GLAZING AND VISIONS PANELS IN DOORS IN EXIT ACCESS STAIRWAYS, SHAFTS, EXIT RAMPS AND EXIT PASSAGE WAYS EXCEEDING 100 SQ IN, TO COMPLY WITH ASTM E199 OR UL 263.

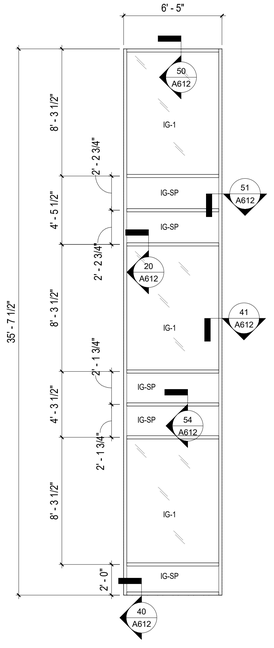
REFER TO DOOR SCHEDULE FOR MORE INFORMATION.



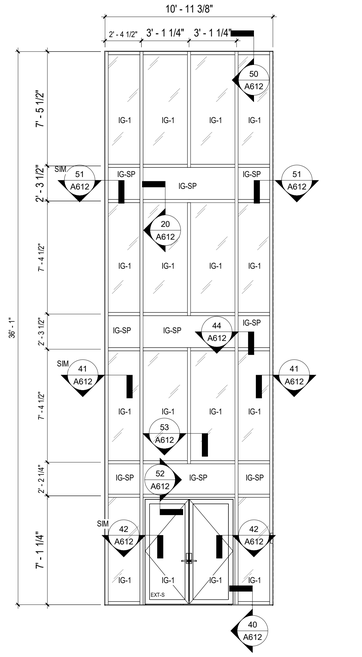
STOREFRONT @ MAIN OFFICE 13
1/4" = 1'-0"



CURTAIN WALL TYPE CW3
1/4" = 1'-0"



CURTAIN WALL TYPE CW2
1/4" = 1'-0"

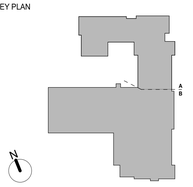


CURTAIN WALL TYPE CW1
1/4" = 1'-0"

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
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CURTAIN WALL ELEVATIONS & DETAILS

A612

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Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

GLAZING TYPES

G-1	FIRE-RATED, SAFETY-RATED, TEMPERED GLASS
G-2	FIRE-RATED, SAFETY-RATED, LAMINATED CERAMIC GLASS
G-3	FIRE-RATED, FORCED ENTRY AND BULLET RESISTANT TRANSPARENT MULTI-LAMINATE WALL PANEL
IG-1	INSULATED GLASS
IG-2	INSULATED SHOOTER ATTACK CERTIFIED SECURITY GLAZING
IG-3	INSULATED FIRE RATED, SAFETY RATED INSULATING GLASS.
IG-SP	INSULATED SPANDREL GLASS
O/P	OPAQUE INSULATED PANEL

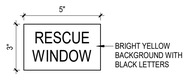
NOTE:
GLAZING AND VISION PANELS IN FIRE RATED DOORS IN CORRIDOR WALLS TO COMPLY WITH NFPA 252, NFPA 257, UL 9, UL 10B, UL 10C.

GLAZING AND VISIONS PANELS IN DOORS IN EXIT ACCESS STAIRWAYS, SHAFTS, EXIT RAMPS AND EXIT PASSAGE WAYS EXCEEDING 100 SQ IN, TO COMPLY WITH ASTM E199 OR UL 263.

REFER TO DOOR SCHEDULE FOR MORE INFORMATION.

HS = HORIZONTAL SLIDER
SH = SINGLE HUNG

RESCUE WINDOW NOTE



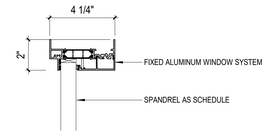
1. ALL RESCUE WINDOWS SHALL HAVE A CLEAR OPENING SIZE OF 6 SF - MIN. DIMENSION = 24".
2. WINDOW HARDWARE (OPERATING MECAHNISM SHALL BE A MAXIMUM OF 54" ABOVE FINISHED FLOOR.
3. PROVIDE WINDOW OPERATING INSTRUCTIONS ON HOW TO OPERATE RESCUE WINDOW IF NOT READILY APPARENT.
4. CONTRACTOR SHALL PROVIDE N.Y.S. APPROVED EMERGENCY "RESCUE WINDOW" STICKER AT ALL LOCATIONS SHOWN WITH "RW" DESIGNATION.
   - TEXT SHALL READ AS FOLLOWS: "RESCUE WINDOW"
   - TEXT SHALL BE READABLE FROM EACH SIDE OF THE WINDOW
   - STICKER SHALL HAVE A BRIGHT YELLOW BACKGROUND WITH BLACK LETTERS AT A SIZE OF 3" X 5"
5. IN THE CASE OF REFLECTIVE GLAZING, PROVIDE ONE STICKER OUTSIDE AND ONE INSIDE.
6. ANY WINDOW COVERINGS MUST ALSO HAVE LABELS CLEARLY VISIBLE.

WINDOW SCHEDULE

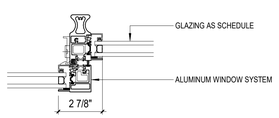
WINDOW TAG	MANUFACTURER	HEIGHT	WIDTH	DETAILS HEAD	JAMB	SILL	MULL	COMMENTS
W1	ARCHITECTURAL WINDOWS	9' - 7"	8' - 0"	51/A501	21/A502	21/A501	41/A501, 31/A501	
W2	ARCHITECTURAL WINDOWS	7' - 5"	8' - 0"	11/A501	21/A502	21/A501	31/A501	
W3	ARCHITECTURAL WINDOWS	7' - 6"	12' - 0"	32/A501	11/A502	22/A501	-	
W4	ARCHITECTURAL WINDOWS	7' - 6"	8' - 0"	32/A501	11/A502	22/A501	-	



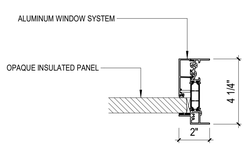
SH - DETAIL @ WINDOW HEAD — 51
1 1/2" = 1'-0"



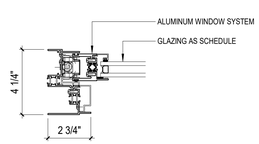
SH - DETAIL @ TRANSOM HEAD — 50
3" = 1'-0"



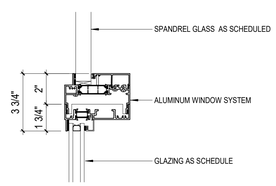
HS - DETAIL @ MEETING RAIL — 43
3" = 1'-0"



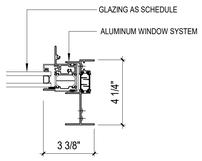
SH - DETAIL @ RIGHT PANEL JAMB — 42
3" = 1'-0"



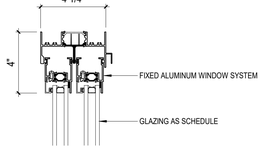
SH - DETAIL @ LEFT JAMB — 41
3" = 1'-0"



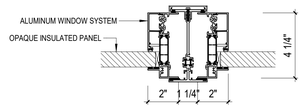
SH - DETAIL @ TRANSOM — 40
3" = 1'-0"



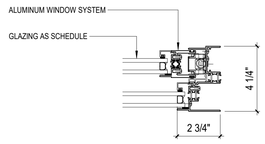
HS - DETAIL @ RIGHT JAMB — 34
3" = 1'-0"



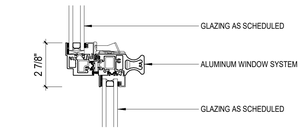
HS - DETAIL @ WINDOW HEAD — 33
3" = 1'-0"



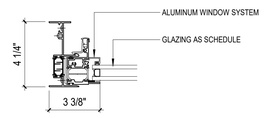
SH - DETAIL @ 3 - PIECE MULLION (FIXED PANEL) — 32
3" = 1'-0"



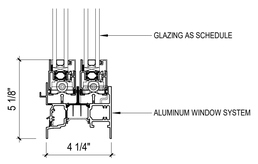
SH - DETAIL @ UPPER RIGHT JAMB — 31
3" = 1'-0"



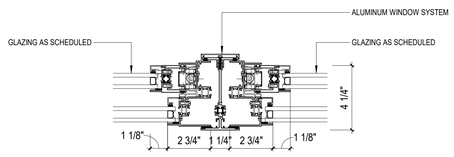
SH - MULLION DETAIL @ MEETING RAIL — 30
3" = 1'-0"



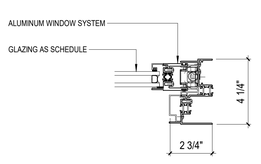
HS - DETAIL @ LEFT JAMB — 24
3" = 1'-0"



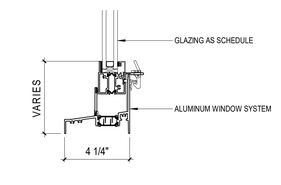
HS - DETAIL @ WINDOW SILL — 23
3" = 1'-0"



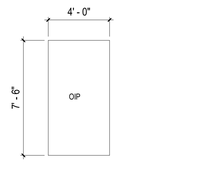
SH -DETAIL @ 3 - PIECE MULLION — 22
3" = 1'-0"



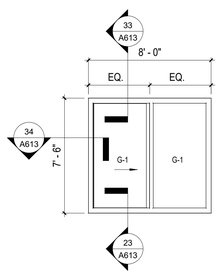
SH - DETAIL @ LOWER RIGHT JAMB — 21
3" = 1'-0"



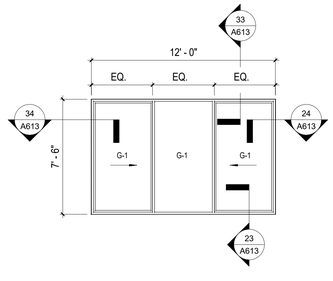
SH - DETAIL @ WINDOW SILL — 20
3" = 1'-0"



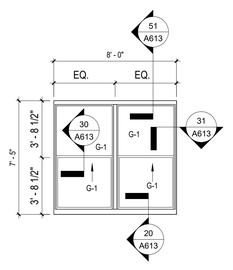
OPAQUE INSULATED PANEL — 14
1/4" = 1'-0"



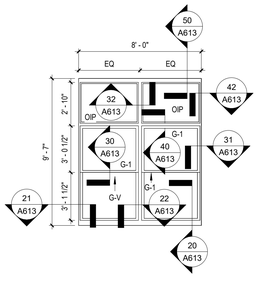
WINDOW TYPE W4 (HS) — 13
1/4" = 1'-0"



WINDOW TYPE W3 (HS) — 12
1/4" = 1'-0"



WINDOW TYPE W2 (SH) — 11
1/4" = 1'-0"



WINDOW TYPE W1 (SH) — 10
1/4" = 1'-0"

Public Schools of the Tarrytowns

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BRIDGEWATER, MA. 02324

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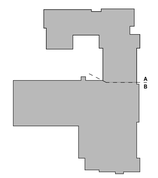

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

WINDOW ELEVATIONS AND DETAILS

A613

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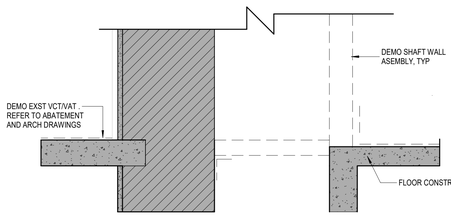
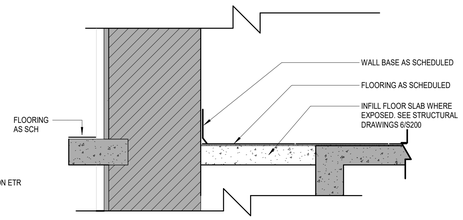
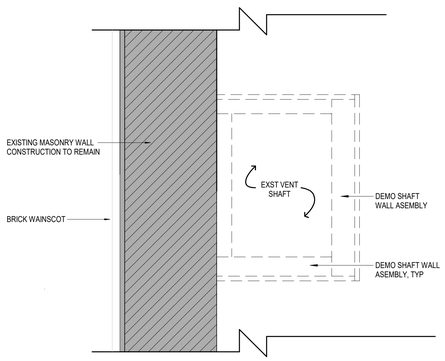


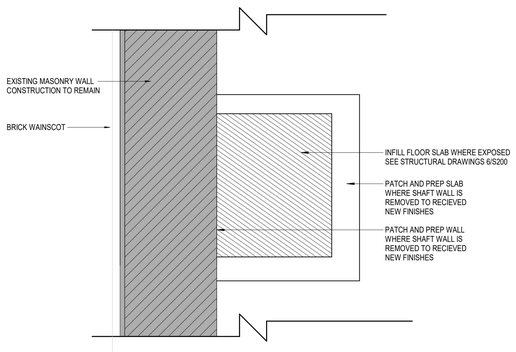
SECTION DETAIL OF DEMO



SECTION DETAIL OF NEW CONSTRUCTION



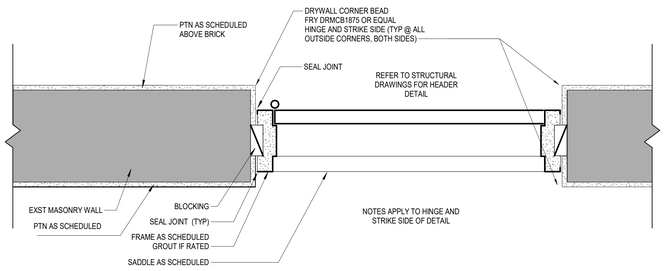
PLAN DETAIL OF DEMO



PLAN DETAIL OF NEW CONSTRICTION

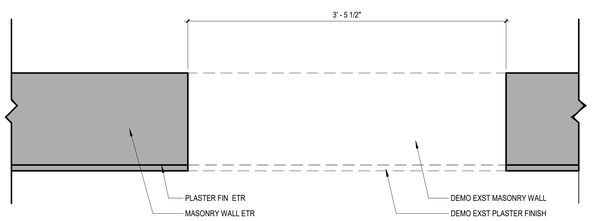
SHAFT REMOVAL DETAIL

1 1/2" = 1'-0" — 33



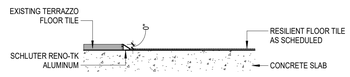
PLAN DETAIL - NEW DOOR IN MASONRY OPENING

1 1/2" = 1'-0" — 22



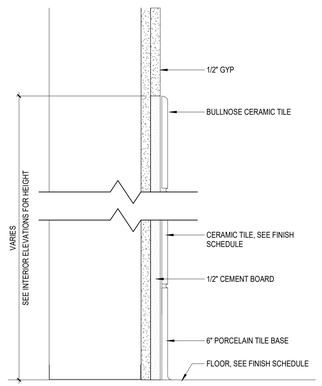
PLAN DETAIL - DOOR OPENING IN MASONRY WALL

1 1/2" = 1'-0" — 12



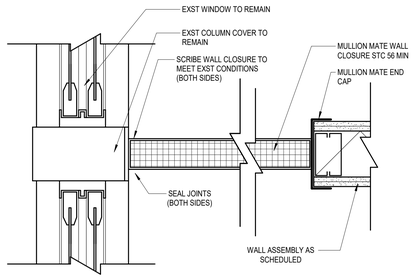
EXISTING TERRAZZO TO RESILIENT

3" = 1'-0" — 42



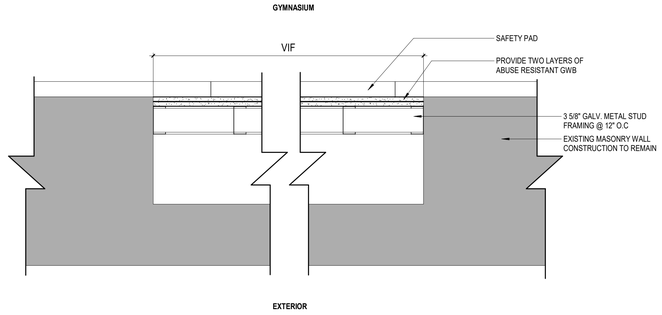
CERAMIC TILE WAINSCOT SECTION

3" = 1'-0" — 32



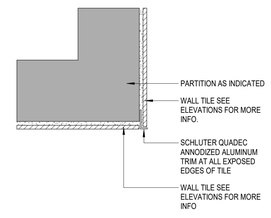
WALL CLOSURE AT MULLION DETAIL

1 1/2" = 1'-0" — 21



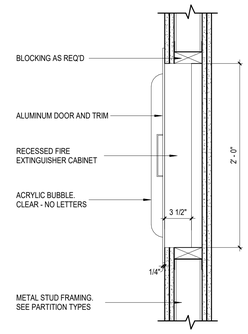
RADIATOR NICHE INFILL DETAIL

1 1/2" = 1'-0" — 11



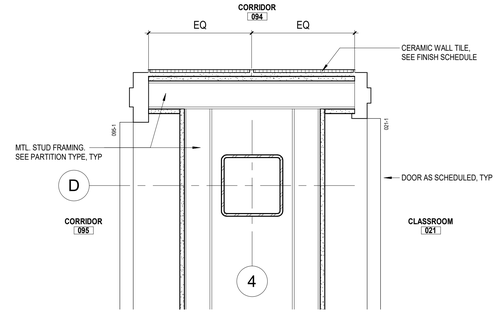
SCHLUTER STRIP TYP DETAIL

3" = 1'-0" — 40



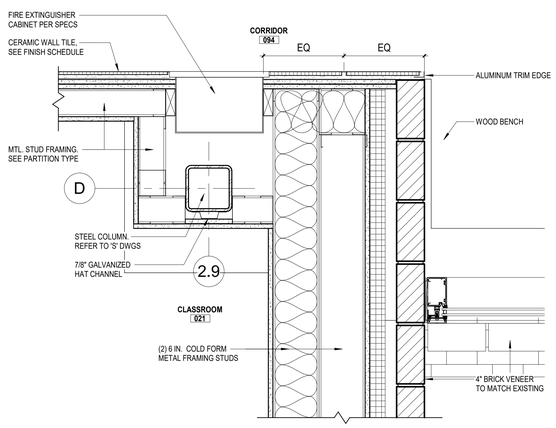
FIRE EXTINGUISHER CABINET DETAIL

1 1/2" = 1'-0" — 31



D-4 COLUMN ENCLOSURE PLAN DETAIL

1 1/2" = 1'-0" — 20



D-2.9 COLUMN ENCLOSURE PLAN DETAIL

1 1/2" = 1'-0" — 10

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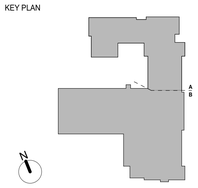
KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

INTERIOR DETAILS

A700

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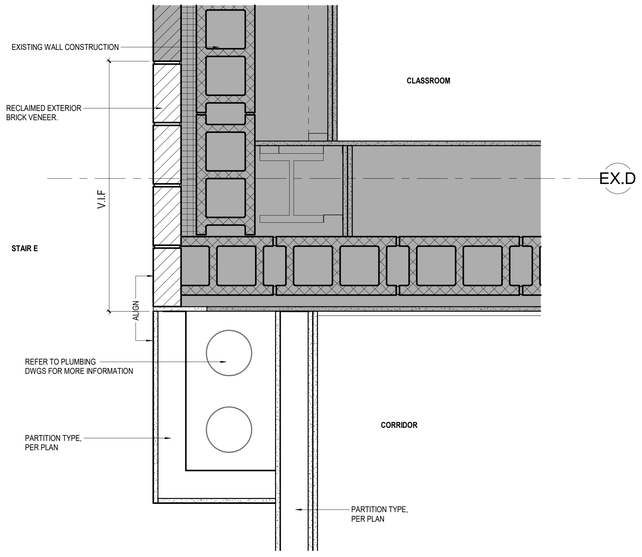
SHEET NOTES

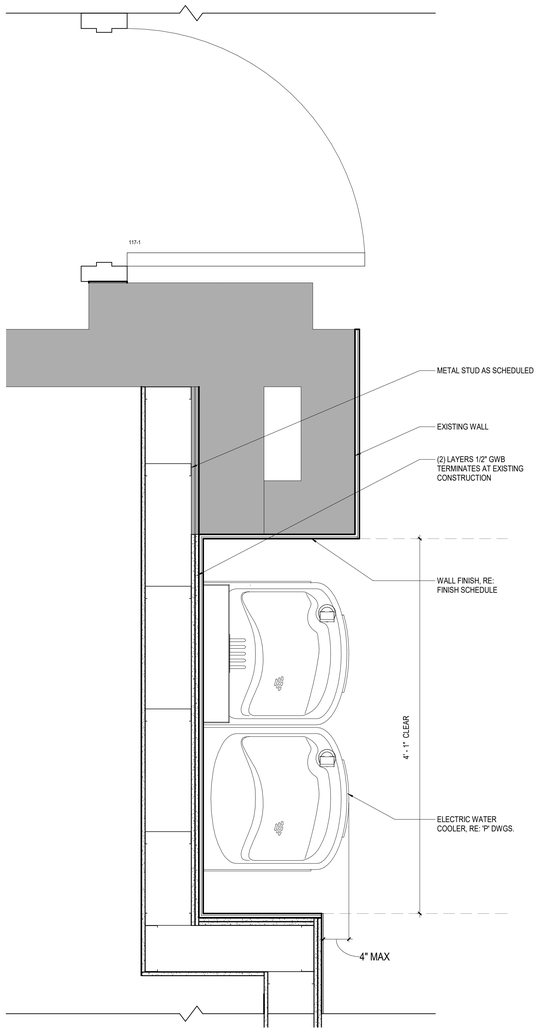
KEY NOTES



PLAN CORNER DETAIL @ STAIR E

1 1/2" = 1'-0"

11



PLAN DETAIL AT ROOM 115

1 1/2" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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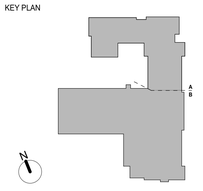
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

INTERIOR DETAILS

A701

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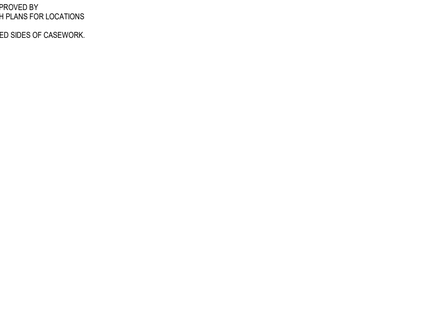
SHEET NOTES

A. PROVIDE CONTINUOUS WOOD BLOCKING AT ALL CASEWORK AS REQUIRED FOR INSTALLATION.

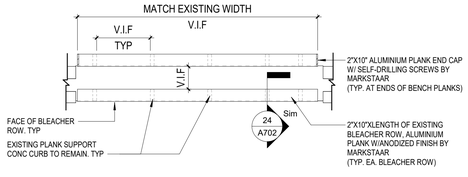
B. ALL COUNTERTOP SEAM LOCATIONS TO BE APPROVED BY ARCHITECT PRIOR TO FABRICATION. SEE FINISH PLANS FOR LOCATIONS

C. PROVIDE RECESSED TOE KICKS AT ALL EXPOSED SIDES OF CASEWORK.

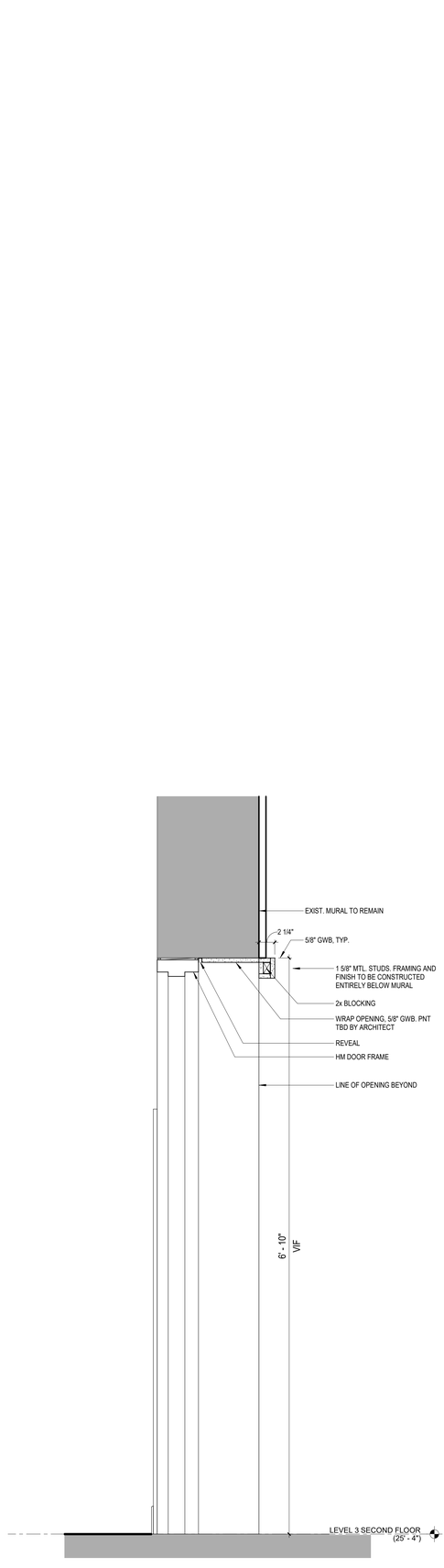
KEY NOTES



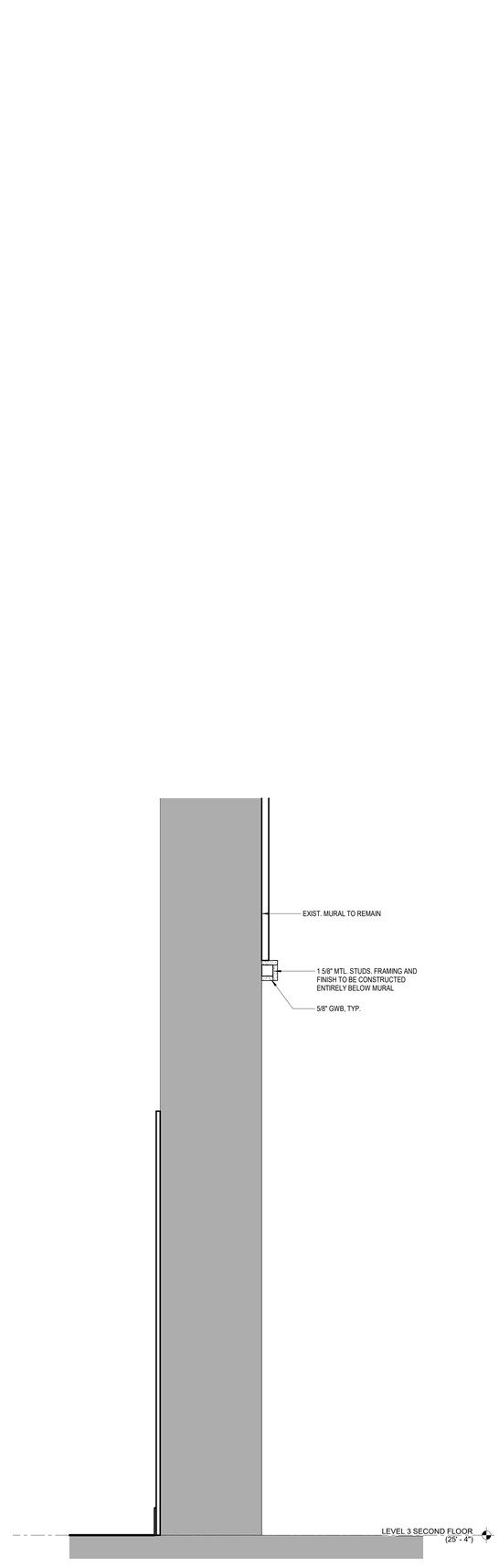
SECTION DETAIL @ GYMNASIUM BENCH SEATING 24
3" = 1'-0"



PLAN DETAIL @ GYMNASIUM BENCH SEATING 14
1/4" = 1'-0"



LIBRARY SHELF AT DOOR OPENING 12
1 1/2" = 1'-0"



LIBRARY SHELF AT WALL 10
1 1/2" = 1'-0"

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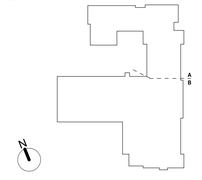
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

INTERIOR DETAILS

A702

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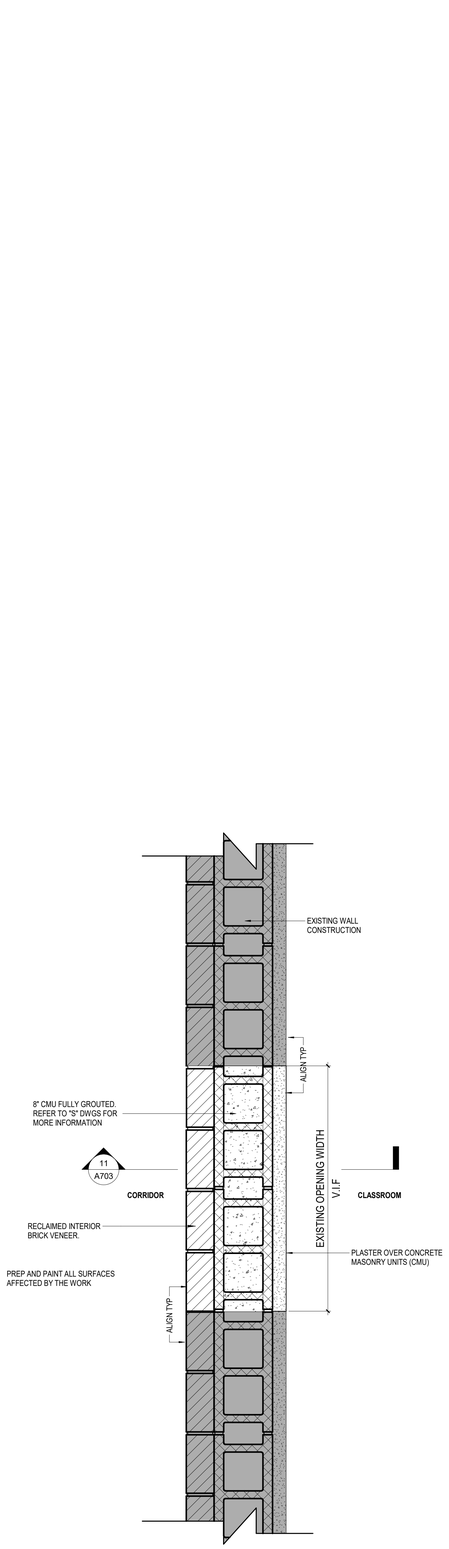
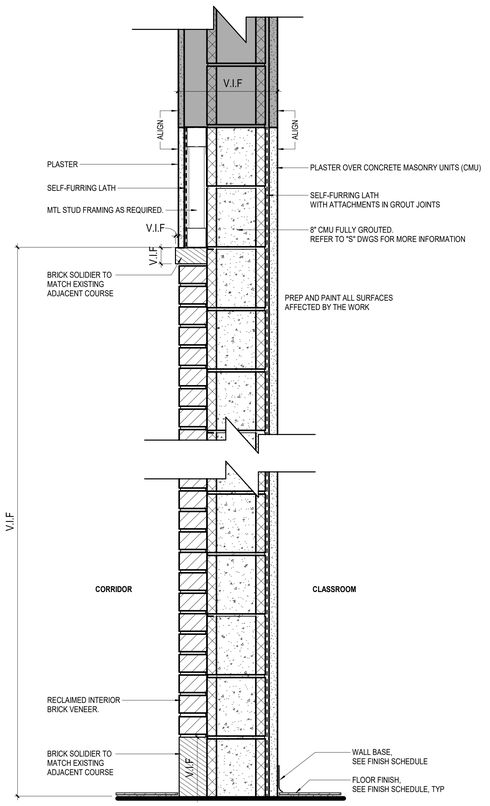


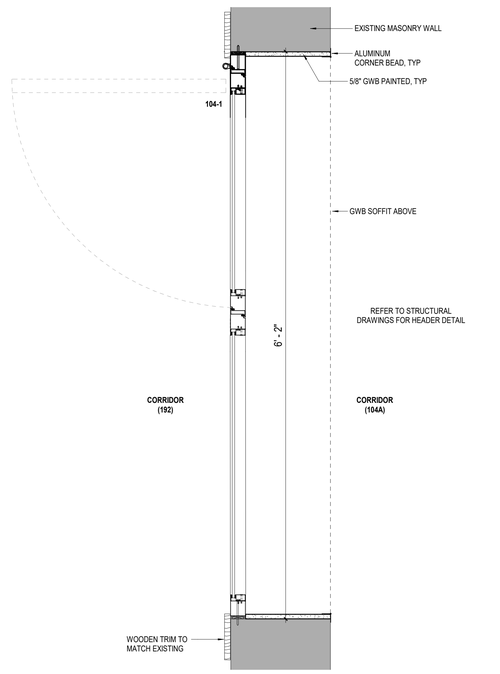
PLAN DETAIL @ MASONRY WALL INFILL 12

1 1/2" = 1'-0"



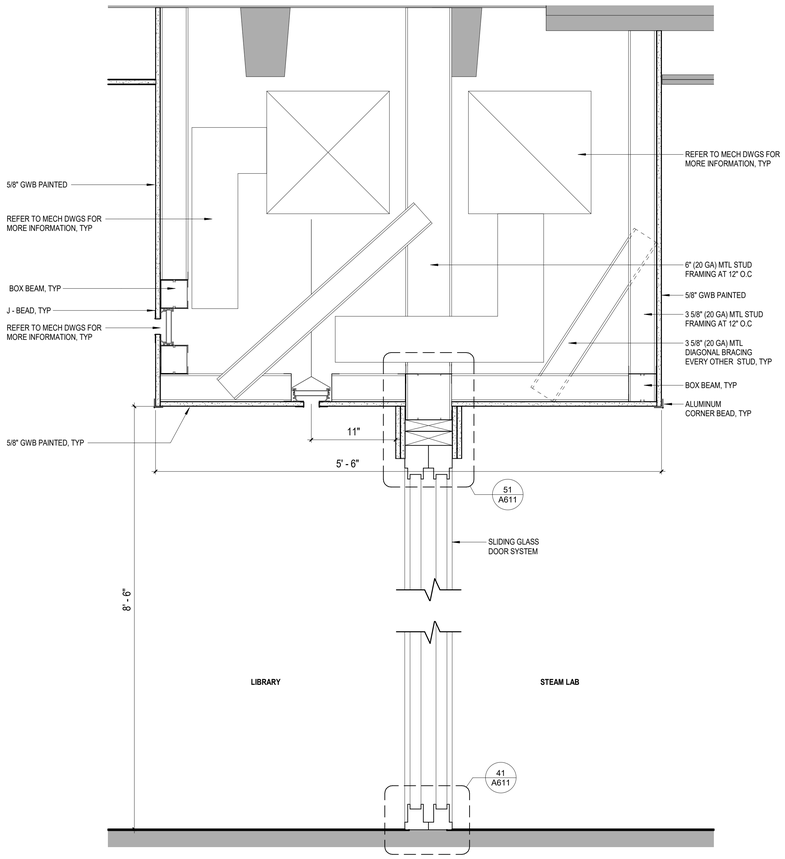
SECTION DETAIL @ MASONRY WALL INFILL 11

1 1/2" = 1'-0"



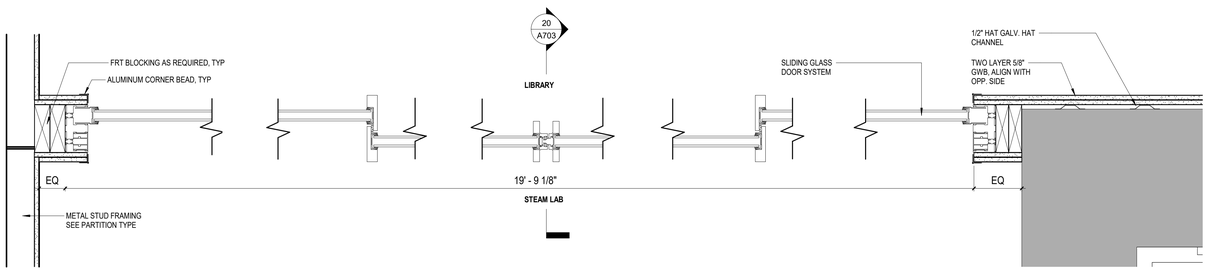
INTERIOR MAIN OFFICE DOOR PLAN DETAIL 21

1 1/2" = 1'-0"



SECTION DETAIL @ SLIDING GLASS DOOR 20

1 1/2" = 1'-0"



PLAN DETAIL - STEAM LAB SLIDING GLASS DOOR 10

1 1/2" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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992 BEDFORD STREET
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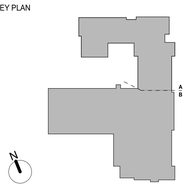
KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

INTERIOR DETAILS

A703

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SHEET NOTES

1. CASEWORK TYPE IDENTIFICATION NUMBERS ARE BASED ON THE ARCHITECTURAL WOODWORK INSTITUTE (AWI) CABINET DESIGN SERIES (CDS) NUMBERING SYSTEM. REFER TO ARCHITECTURAL WOODWORK STANDARDS 2ND EDITION DATED 2014).
2. SEE CASEWORK SYMBOL LEGEND FOR CABINET DESIGN SERIES (CDS) NUMBER ALONG WITH NOMINAL WIDTH, HEIGHT, AND DEPTH IN INCHES. REFER TO CABINET DETAILS FOR ADDITIONAL INFORMATION.
3. CABINET DIMENSIONS INDICATE THE NOMINAL OUTSIDE DIMENSION (FLOOR TO TOP OF COUNTERTOP FOR HEIGHT AND FACE OF FINISHED WALL TO FACE OF CABINET DOOR FOR DEPTH). MANUFACTURERS ARE PERMITTED A TOLERANCE OF +/- 1/2" IN WIDTH ONLY.
4. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO FABRICATION.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.

KEY NOTES

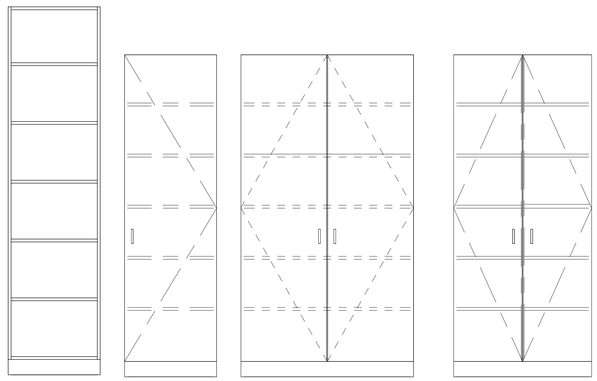
CASEWORK LEGEND



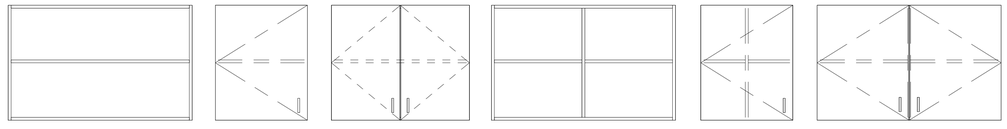
CASEWORK LEGEND

3/4" = 1'-0"

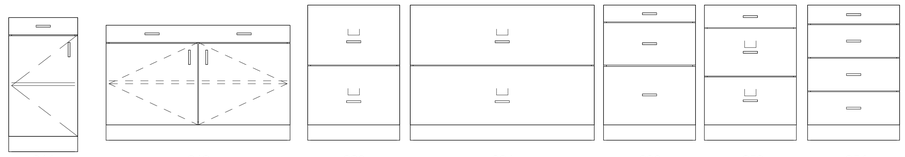
400 SERIES
TALL STORAGE CABINETS



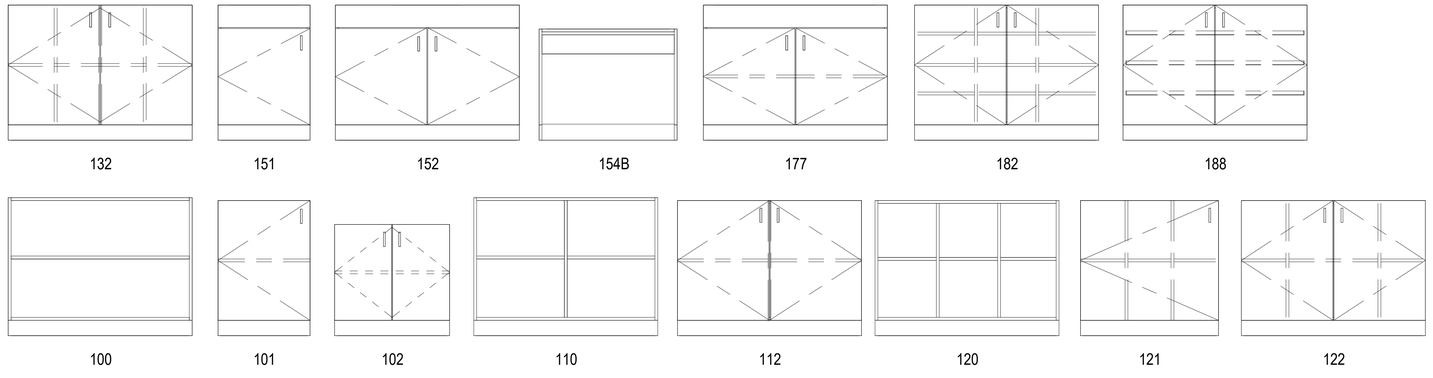
300 SERIES
WALL HUNG CABINETS



200 SERIES
BASE CABINETS WITH DRAWERS



100 SERIES
BASE CABINETS WITHOUT DRAWERS



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KEY PLAN



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CASEWORK DESIGN SERIES

A710

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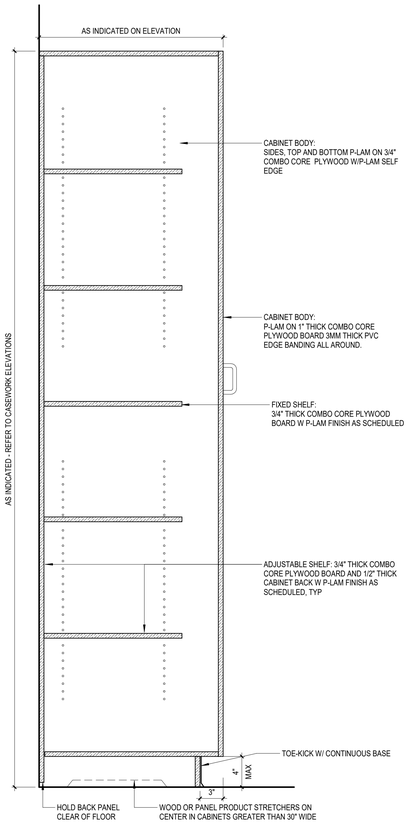
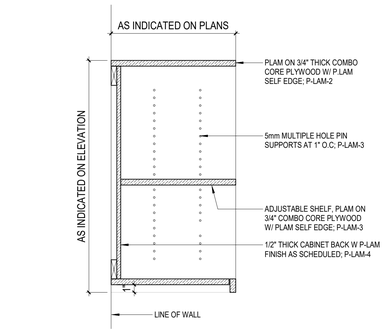
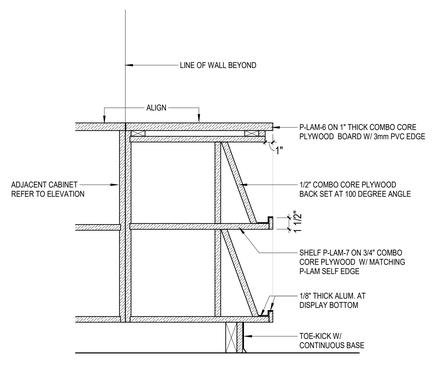


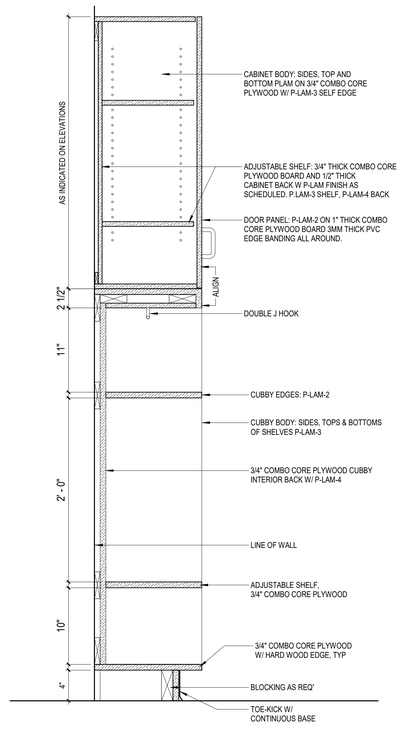
TALL STORAGE CABINET SECTION
1 1/2" = 1'-0"
33



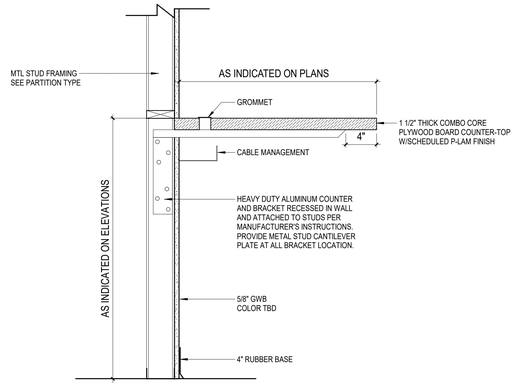
UPPER CABINET W/ NO DOOR
1 1/2" = 1'-0"
41



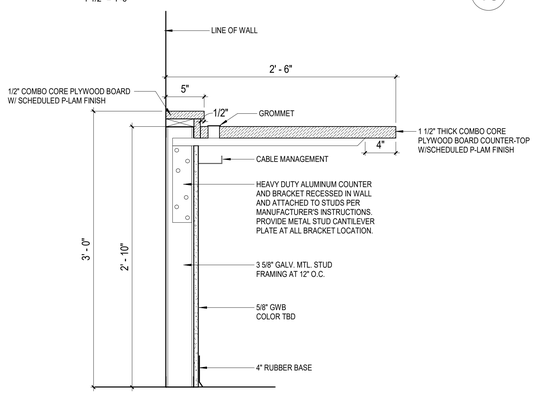
BASE CABINET END DETAIL @ ARTROOM
1 1/2" = 1'-0"
32

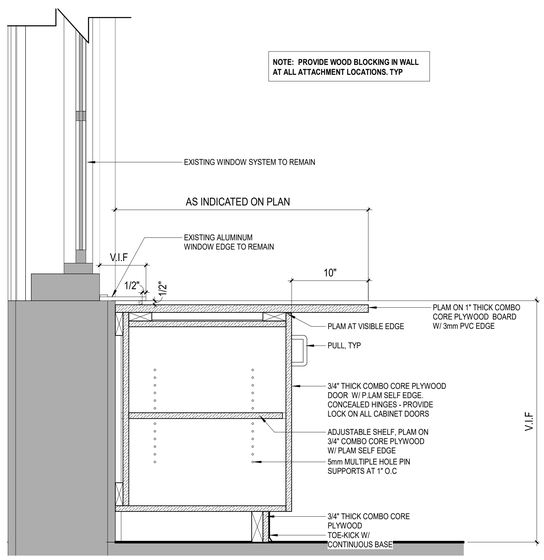


CUBBY & OVERHEAD STORAGE SECTION
1 1/2" = 1'-0"
31

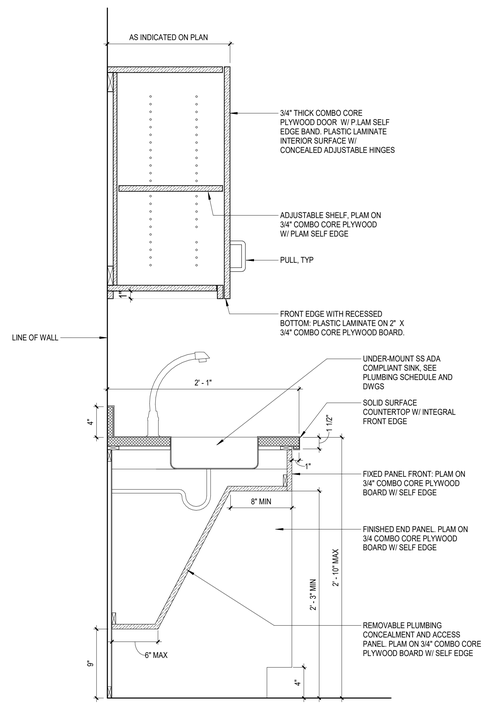


SECTION DETAIL @ COUNTER
1 1/2" = 1'-0"
40

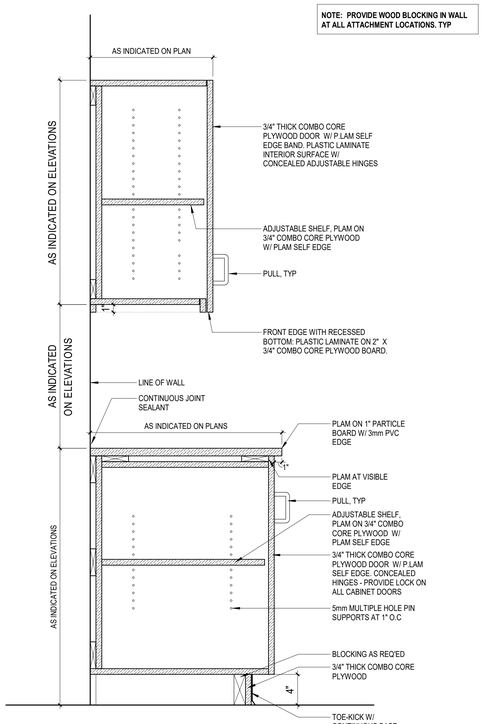




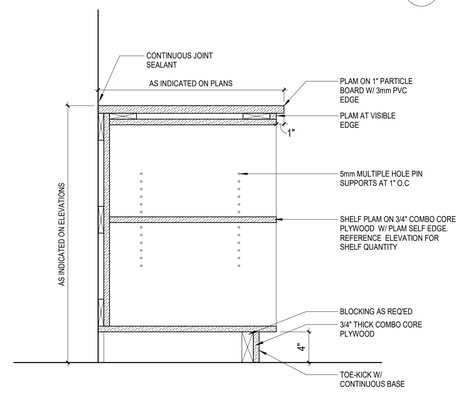
BASE CABINET W/DOOR SECTION @ ARTROOM
1 1/2" = 1'-0"
13



ADA SINK SECTION (SS) W/ UPPER CABINET
1 1/2" = 1'-0"
12

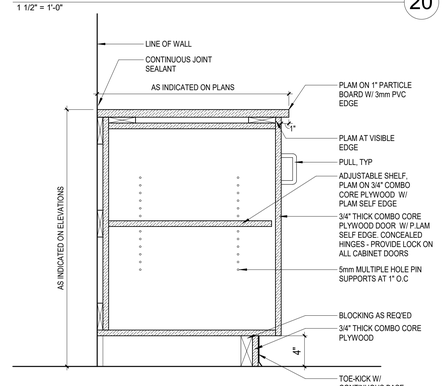


CASEWORK DTL W/ UPPER AND LOWER CABINET
1 1/2" = 1'-0"
11



SECTION DETAIL @ FACULTY LOUNGE COUNTER
1 1/2" = 1'-0"
30

BASE CABINET W/ NO DOORS SECTION
1 1/2" = 1'-0"
20



BASE CABINET W/ DOORS SECTION
1 1/2" = 1'-0"
10

Public Schools of the Tarrytowns

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BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

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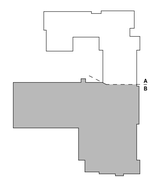
ISSUE	DATE

KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

MILLWORK DETAILS

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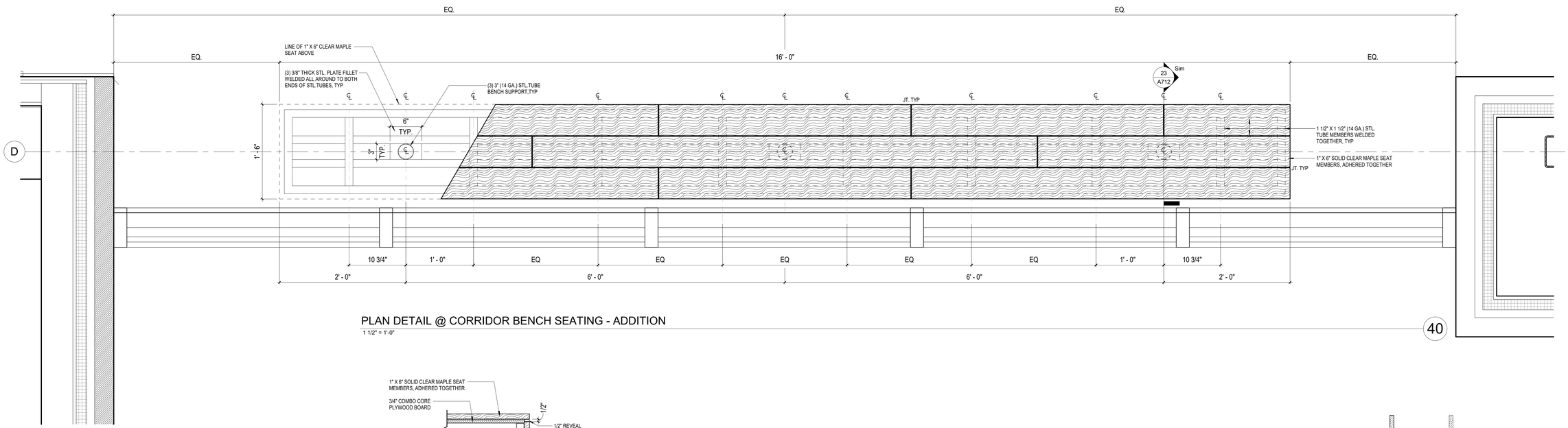
SHEET NOTES

KEY NOTES



PLAN DETAIL @ CORRIDOR BENCH SEATING - ADDITION

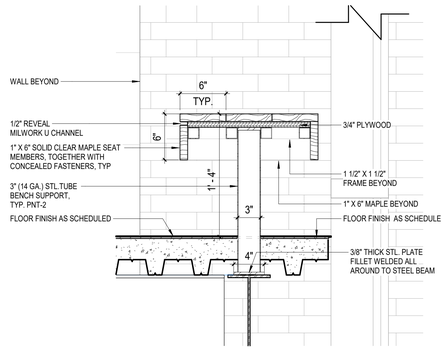
1 1/2" = 1'-0"

40

SECTION DETAIL @ CORNER BENCH SEATING

1 1/2" = 1'-0"

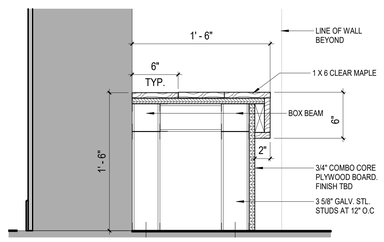
31



SECTION DETAIL @ CORRIDOR BENCH

1 1/2" = 1'-0"

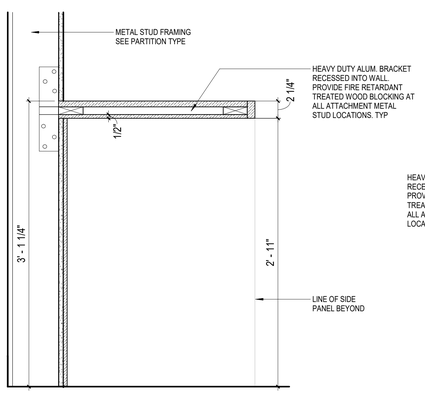
23



SECTION DETAIL @ MAIN OFFICE BENCH

1 1/2" = 1'-0"

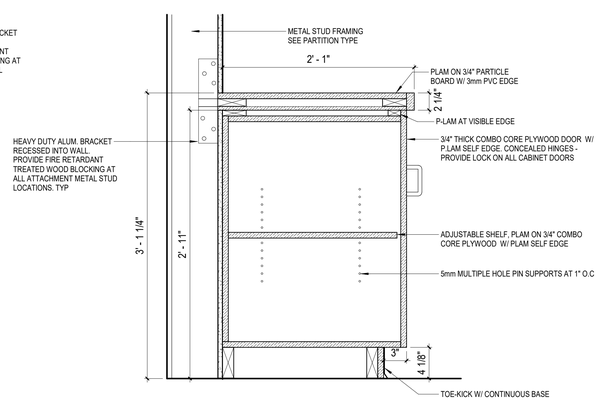
22



SECTION DETAIL @ PRINCIPAL COUNTERTOP

1 1/2" = 1'-0"

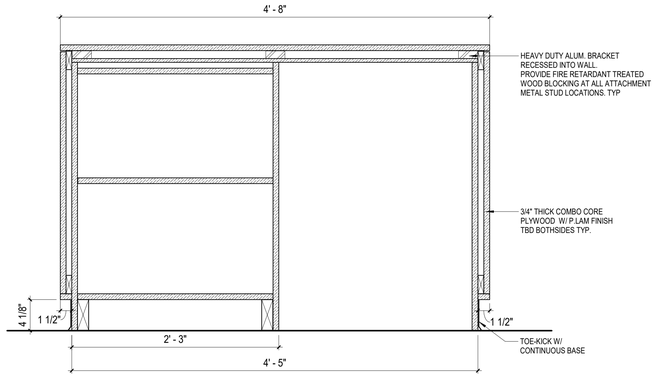
13



SECTION DETAIL @ PRINCIPAL CASEWORK

1 1/2" = 1'-0"

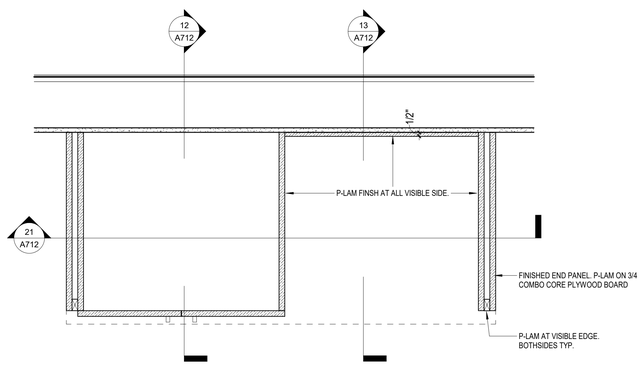
12



LONGITUDINAL SECTION @ PRINCIPAL CASEWORK

1 1/2" = 1'-0"

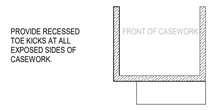
21



PLAN DETAIL @ PRINCIPAL OFFICE CASEWORK

1 1/2" = 1'-0"

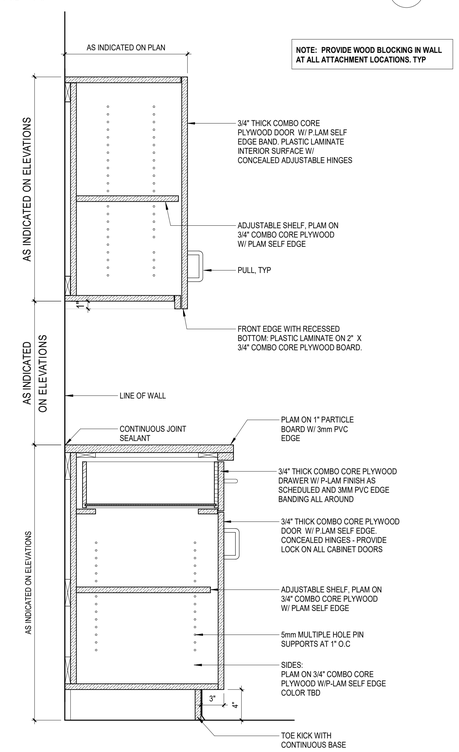
11



SIDE-RECESSED TOE KICK ELEVATION

1 1/2" = 1'-0"

30



UPPER CABINET AND BASE CABINET DRAWER

1 1/2" = 1'-0"

10

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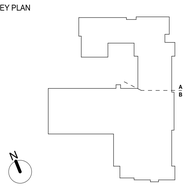

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MILLWORK DETAILS

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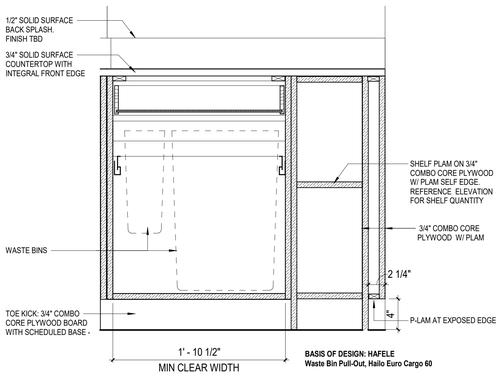
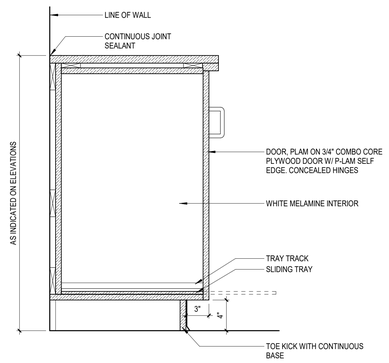
SHEET NOTES

KEY NOTES



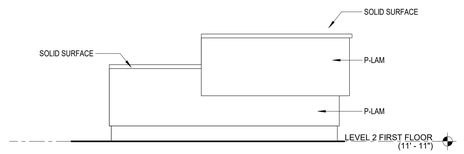
SECTION DETAIL @ FACULTY LOUNGE CABINET 43

1 1/2" = 1'-0"



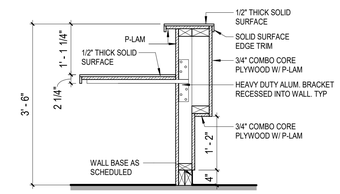
SLIDING TRAY BASE CABINET SECTION 42

1 1/2" = 1'-0"



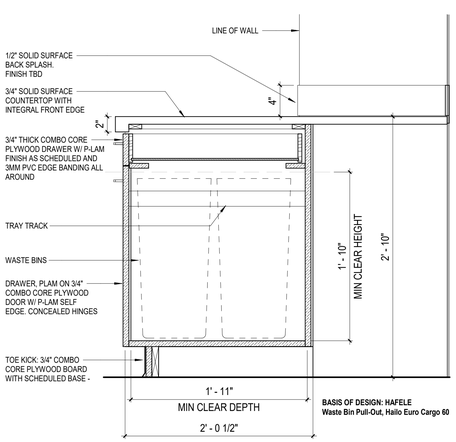
RECEPTION DESK NORTH ELEVATION 41

1/2" = 1'-0"



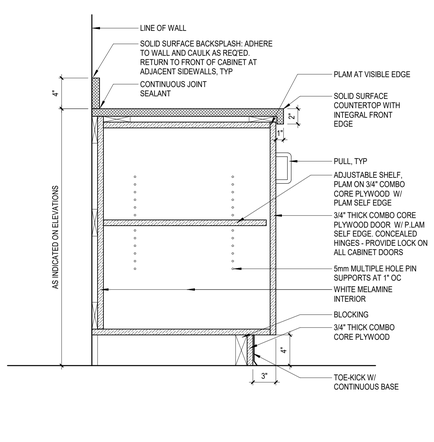
SECTION DETAIL @ RECEPTION DESK 40

3/4" = 1'-0"



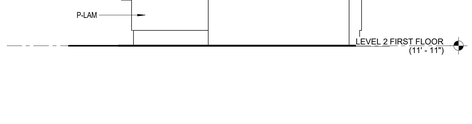
BASE CABINET @ FACULTY LOUNGE 33

1 1/2" = 1'-0"



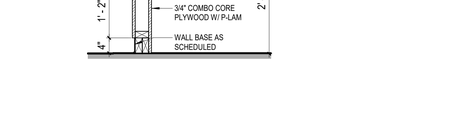
SOLID SURFACE CABINET SECTION 32

1 1/2" = 1'-0"



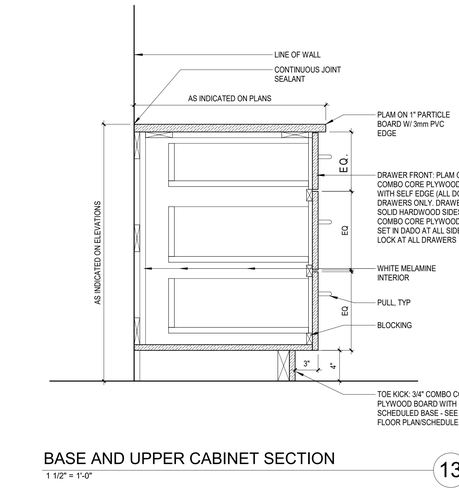
RECEPTION DESK SOUTH ELEVATION 31

1/2" = 1'-0"



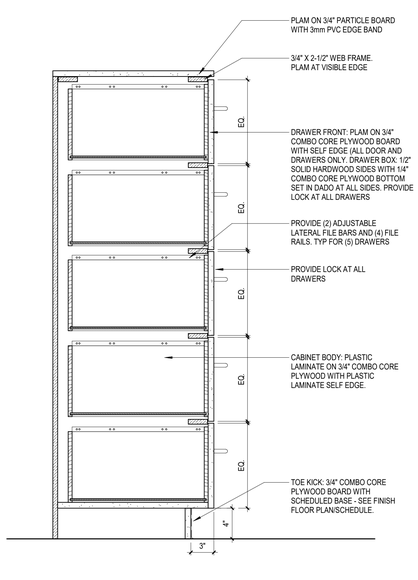
PLAN DETAIL @ MAIN OFFICE RECEPTION DESK 10

1/2" = 1'-0"



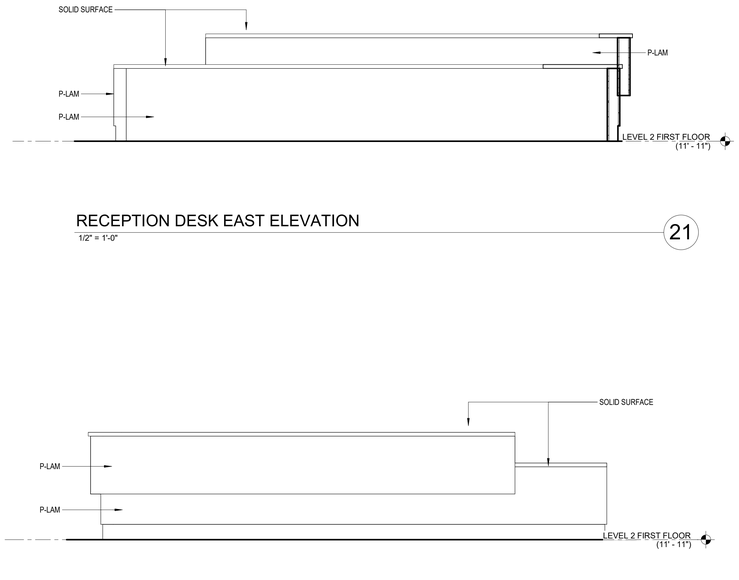
BASE AND UPPER CABINET SECTION 13

1 1/2" = 1'-0"



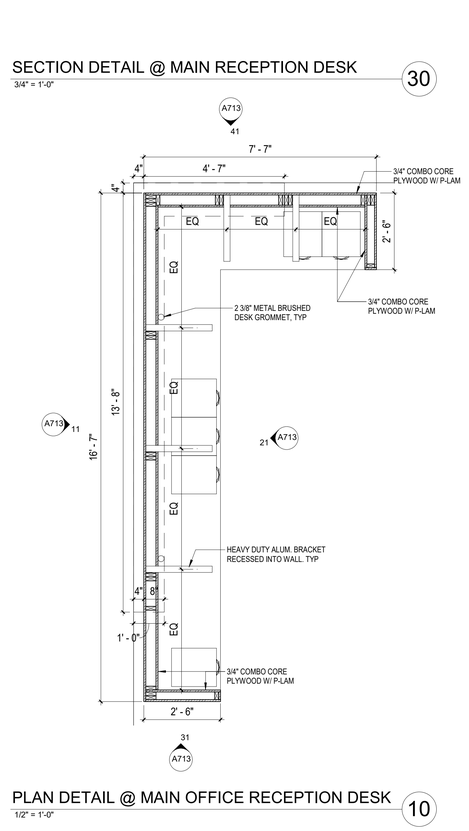
DRAWER FILE CABINET 12

1 1/2" = 1'-0"



RECEPTION DESK WEST ELEVATION 11

1/2" = 1'-0"



SECTION DETAIL @ MAIN RECEPTION DESK 30

3/4" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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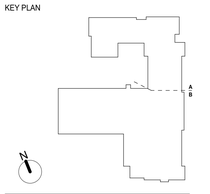
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

MILLWORK AND RECEPTION DESK DETAILS

A713

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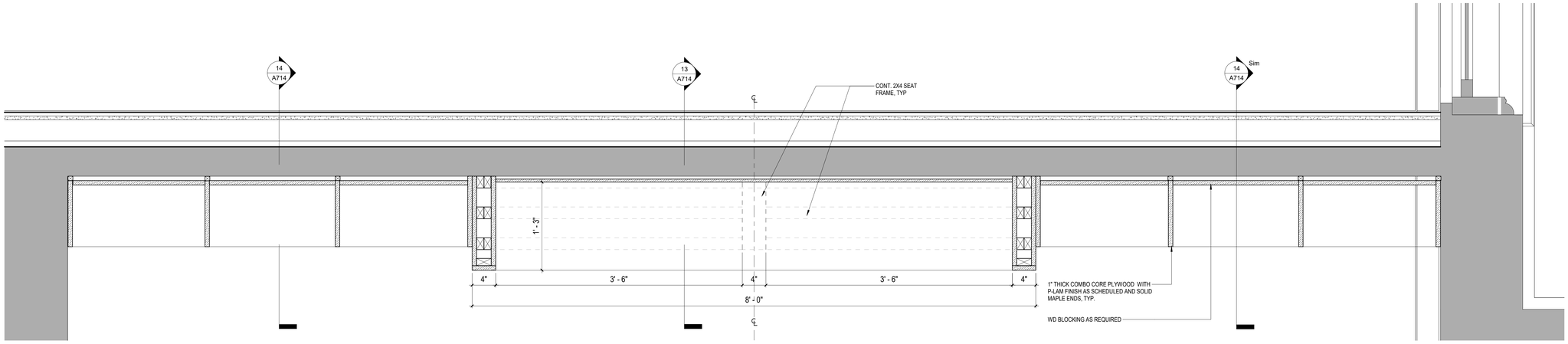
SHEET NOTES

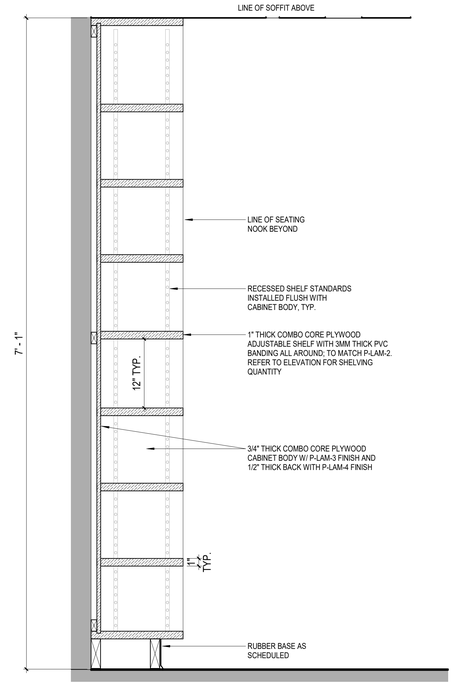
KEY NOTES



PLAN DETAIL @ LIBRARY OPEN SHELVES AND SEATING NOOK

1 1/2" = 1'-0"

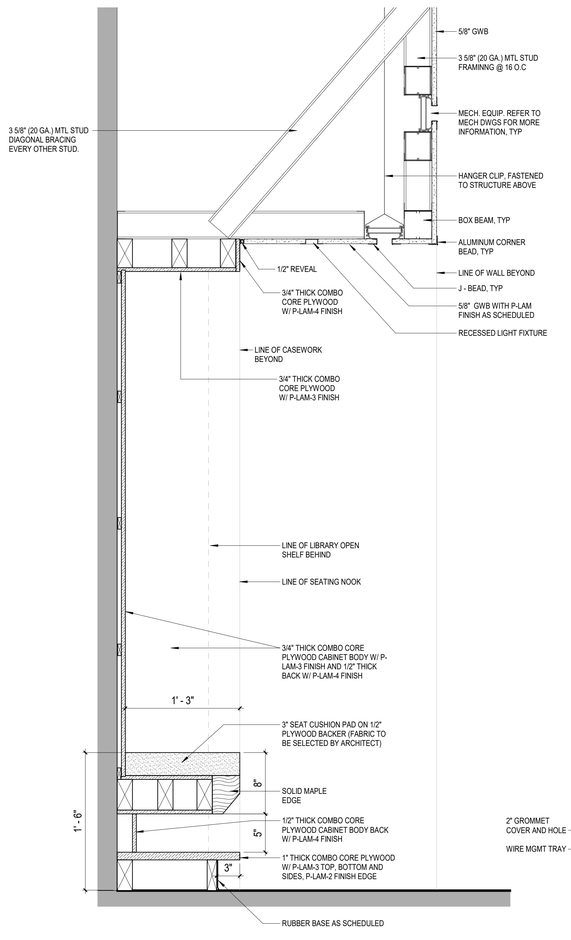
40



DETAIL @ LIBRARY OPEN SHELVES

1 1/2" = 1'-0"

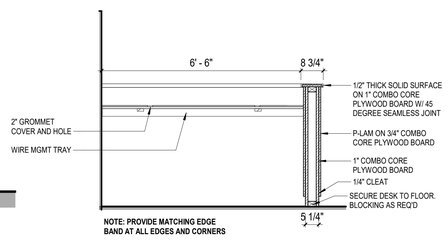
14



DETAIL @ LIBRARY SEETING NOOK

1 1/2" = 1'-0"

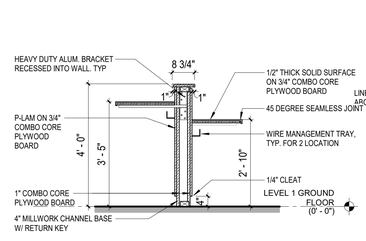
13



LONG SECTION DETAIL @ IT HELP DESK

1/2" = 1'-0"

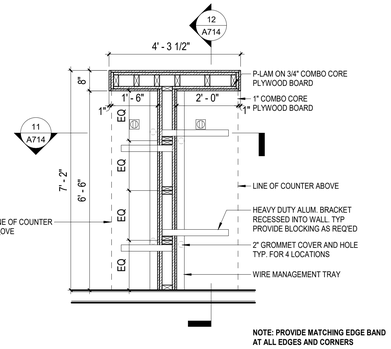
12



SECTION DETAIL @ IT HELP DESK

1/2" = 1'-0"

11



ENLARGED PLAN AT IT HELP DESK

1/2" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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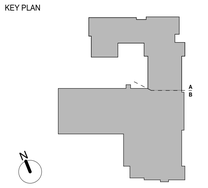
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

MILLWORK DETAILS @ LIBRARY AND IT HELP DESK

A714

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. MEP EQUIPMENT AND FIXTURES SHOWN IN ARCHITECTURAL DRAWINGS ARE FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWINGS.

C. PROVIDE NEW WINDOW SHADES FOR ALL WINDOWS WITH THE FOLLOWING EXCEPTIONS; CORRIDORS, STAIRS, GYMNASIUM, AUDITORIUM, TOILET ROOMS.

D. PROVIDE CLASS (A) FINISH UNITS NOT LESS THAN 5/8" THICK - SHOULD COMPLY WITH THE REQUIREMENT FOR THE ASTM E84 TEST <25 FLAME SPEAD AND <50 SMOKE DEVELOPED (TYPICALLY REFERRED TO AS 25/50).

E. ALL TOILET ROOM CEILINGS TO BE SIMILAR OR EQUAL TO ARMSTRONG # 1445 ULTIMA HEALTH ZONE HIGH NRC CEILING TILE. THIS TILE IS TREATED WITH HUMIGUARD PLUS FOR DURABILITY, WORKABILITY, AND WATER-RESISTANCE. THE TILE CARRIES A 30-YEAR WARRANTY AGAINST SAG, MOLD, MILDEW, AND GROWTH.

F. CLASSROOMS AND MEETING ROOMS SHALL BE PROVIDED WITH AN ACOUSICAL CEILING TILE WITH A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF .65 AND .7 (ANSI STANDARD S12.60 - 2002).

KEY NOTES

CEILING LEGEND

X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR./PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
(J)S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

LIFE SAFETY EQUIPMENT, REFER TO FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

	FIRE SPRINKLER HEAD
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR

MEPCHANICAL EQUIPMENT, REFER TO MECHANIAL DRAWINGS FOR ADDITIONAL INFORMATION.

	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE

Legend

Description	Quantity	Unit
2' x 4' ACT & grid	331.13	sf

Legend

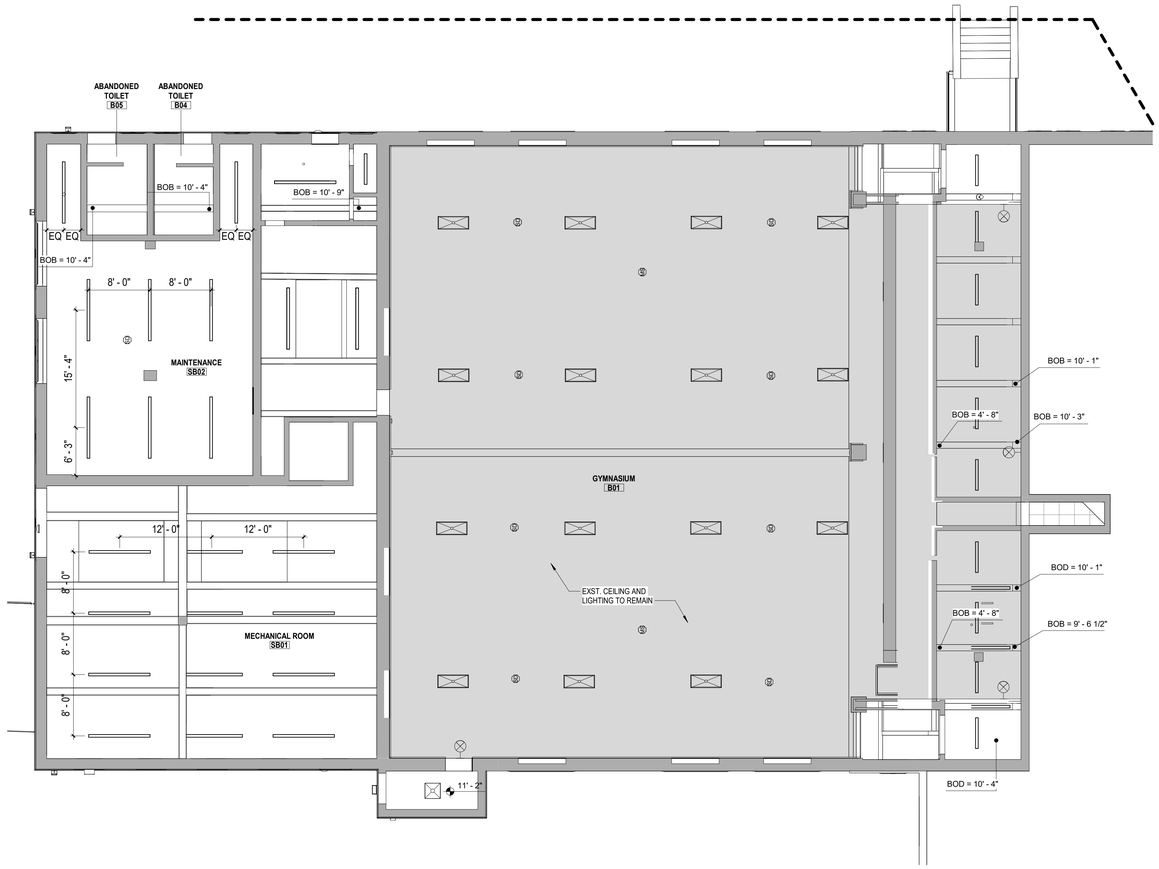
Description	Quantity	Unit
2' x 2' ACT & grid	118.23	sf



ADDITION BASEMENT REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

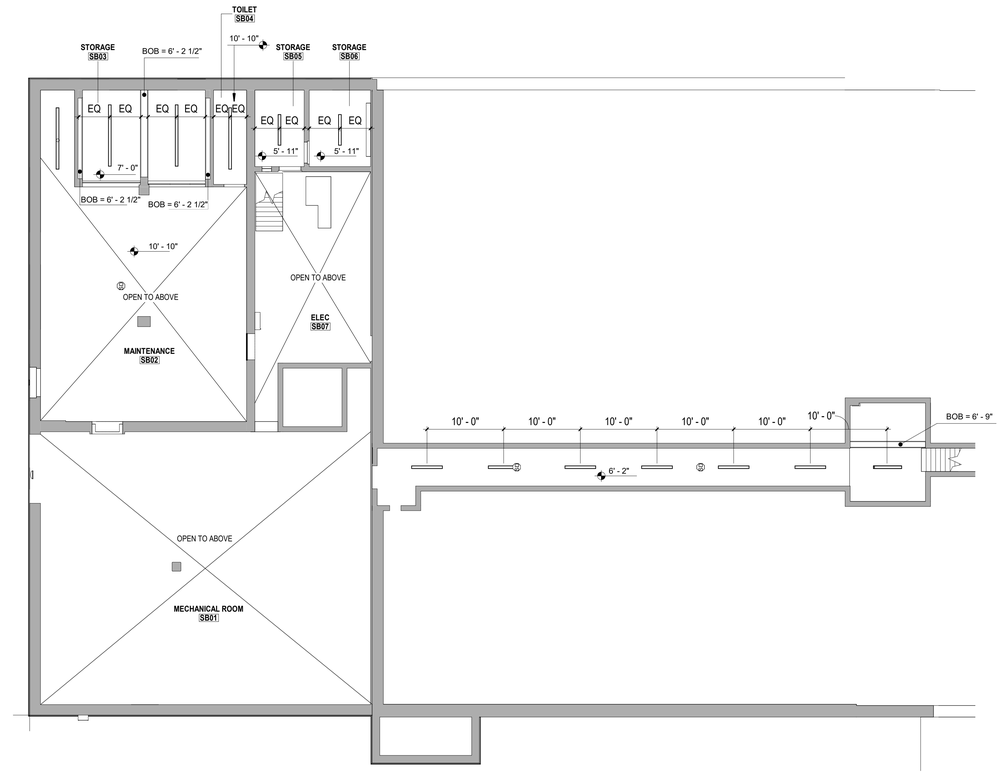
40



BASEMENT REFLECTED CEILING PLAN - AREA B

1/8" = 1'-0"

11



SUB-BASEMENT REFLECTED CEILING PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT

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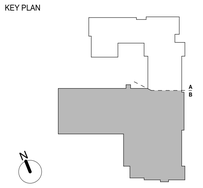
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



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REFLECTED CEILING PART PLAN - SUB/BASEMENT AREA B

A800-B

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SHEET NOTES

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KEY NOTES

CEILING LEGEND

X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR./PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
(J)S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

LIFE SAFETY EQUIPMENT, REFER TO FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

	FIRE SPRINKLER HEAD
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR

MEPCHANICAL EQUIPMENT, REFER TO MECHANIAL DRAWINGS FOR ADDITIONAL INFORMATION.

	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE



Legend

Description	Quantity	Unit
2' x 4' ACT & grid	866.88	sf
Area Measurement	9,183.86	sf

Legend

Description	Quantity	Unit
Area Measurement	272.82	sf

Legend

Description	Quantity	Unit
6" Axiom	67.1472	ft

GROUND FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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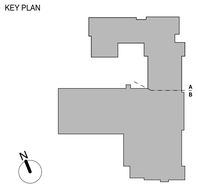
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - GROUND FLOOR AREA A

A801-A

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SHEET NOTES

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KEY NOTES

CEILING LEGEND

"X-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR/PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
(J)S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

LIFE SAFETY EQUIPMENT, REFER TO FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

	FIRE SPRINKLER HEAD
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR

MEPCHANICAL EQUIPMENT, REFER TO MECHANIAL DRAWINGS FOR ADDITIONAL INFORMATION.

	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE



Legend

Description	Quantity	Unit
Area Measurement	5,046.62	sf

Legend

Description	Quantity	Unit
Area Measurement	25.37	sf

GROUND FLOOR REFLECTED CEILING PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
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STAMFORD, CT 06905
203.352.1717

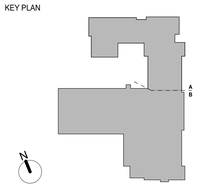
SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - GROUND FLOOR AREA B

A801-B

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SHEET NOTES

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B. MEP EQUIPMENT AND FIXTURES SHOWN IN ARCHITECTURAL DRAWINGS ARE FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWINGS.

C. PROVIDE NEW WINDOW SHADES FOR ALL WINDOWS WITH THE FOLLOWING EXCEPTIONS; CORRIDORS, STAIRS, GYMNASIUM, AUDITORIUM, TOILET ROOMS.

D. PROVIDE CLASS (A) FINISH UNITS NOT LESS THAN 5/8" THICK - SHOULD COMPLY WITH THE REQUIREMENT FOR THE ASTM E84 TEST <25 FLAME SPEAD AND <50 SMOKE DEVELOPED (TYPICALLY REFERRED TO AS 25/50).

E. ALL TOILET ROOM CEILINGS TO BE SIMILAR OR EQUAL TO ARMSTRONG # 1445 ULTIMA HEALTH ZONE HIGH NRC CEILING TILE. THIS TILE IS TREATED WITH HUMIGUARD PLUS FOR DURABILITY, WORKABILITY, AND WATER-RESISTANCE. THE TILE CARRIES A 30-YEAR WARRANTY AGAINST SAG, MOLD, MILDEW, AND GROWTH.

F. CLASSROOMS AND MEETING ROOMS SHALL BE PROVIDED WITH AN ACOUSICAL CEILING TILE WITH A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF .65 AND .7 (ANSI STANDARD S12.60 - 2002).

KEY NOTES

CEILING LEGEND

"X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR/PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

LIFE SAFETY EQUIPMENT, REFER TO FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

	FIRE SPRINKLER HEAD
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR

MEPCHANICAL EQUIPMENT, REFER TO MECHANIAL DRAWINGS FOR ADDITIONAL INFORMATION.

	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE



Legend

Description	Quantity	Unit
Area Measurement	11,334.73	sf

Legend

Description	Quantity	Unit
Area Measurement	260.53	sf

Legend

Description	Quantity	Unit
6" Axiom	147.6935	ft

FIRST FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
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HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
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SEAL

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ISSUE	DATE

KEY PLAN

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

REFLECTED CEILING PART PLAN - FIRST FLOOR AREA A

A802-A

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KEY NOTES

CEILING LEGEND

"X-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR/PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

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	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
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	RECESSED DOWNLIGHT
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(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

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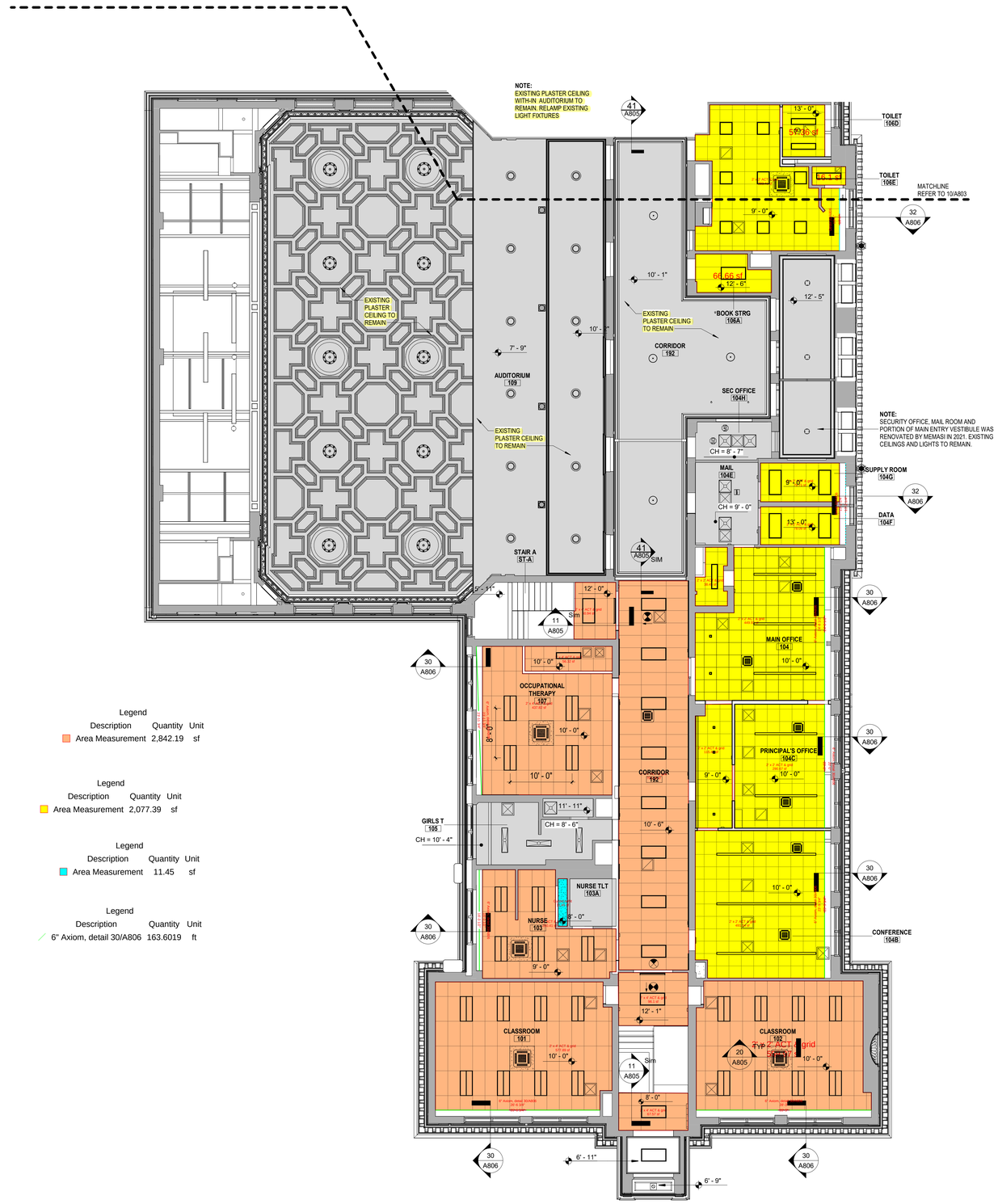
	HVAC CEILING CASSETTE



Legend

Description	Quantity	Unit
Area Measurement	2,842.19	sf

Legend

Description	Quantity	Unit
Area Measurement	2,077.39	sf

Legend

Description	Quantity	Unit
Area Measurement	11.45	sf

Legend

Description	Quantity	Unit
6" Axiom, detail 30/A806	163.6019	ft

FIRST FLOOR REFLECTED CEILING PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
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ISSUED FOR BID	03/27/2026
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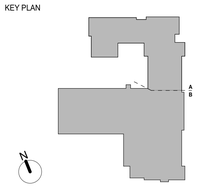

PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - FIRST FLOOR AREA B

A802-B

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	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE

Legend

Description	Quantity	Unit
Area Measurement	9,200.73	sf

Legend

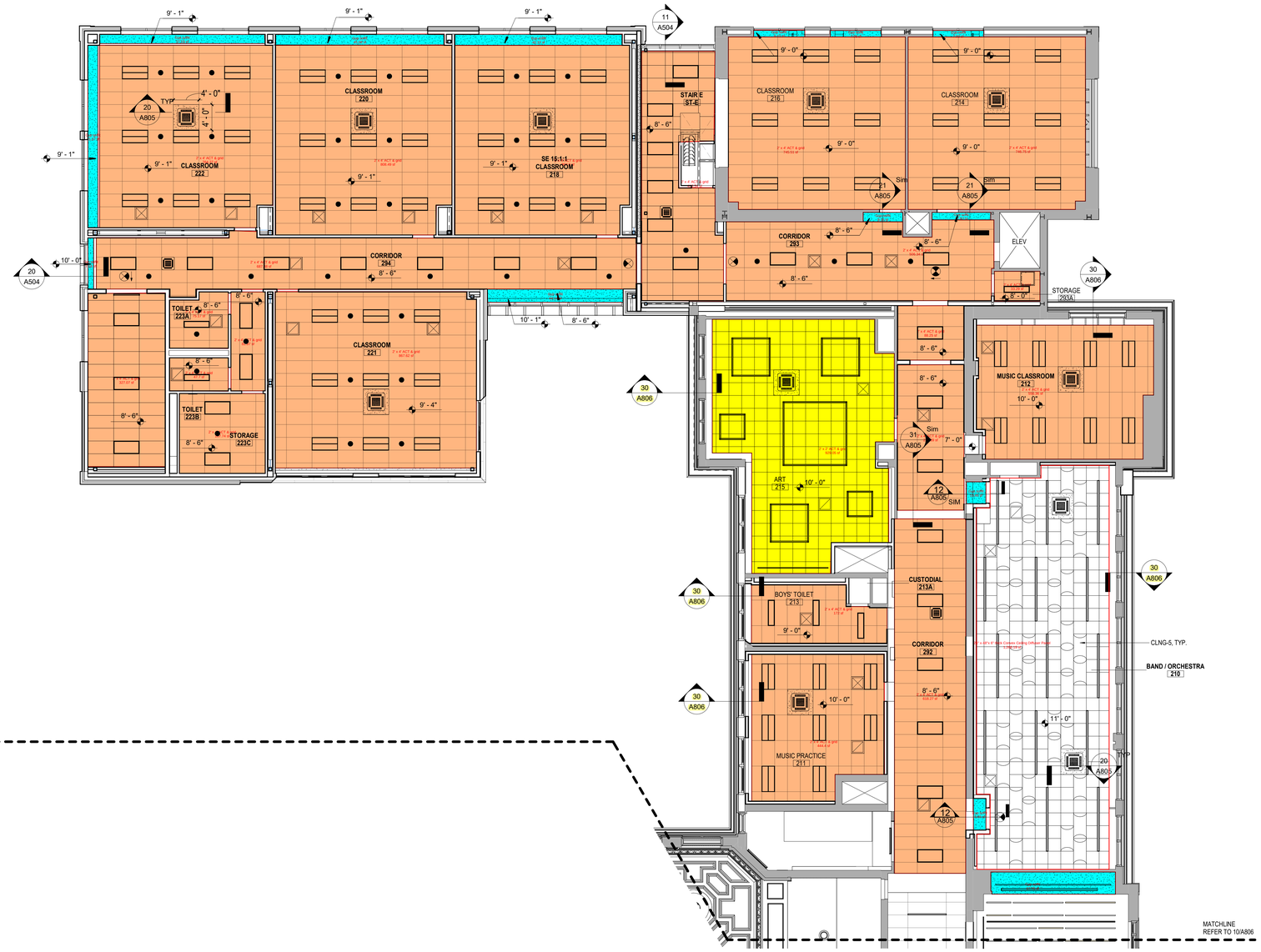
Description	Quantity	Unit
Area Measurement	929.04	sf

Legend

Description	Quantity	Unit
Area Measurement	1,268.19	sf

Legend

Description	Quantity	Unit
Area Measurement	356.20	sf



SECOND FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
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SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

REFLECTED CEILING PART PLAN - SECOND FLOOR AREA A

A803-A

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EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

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- 2'x4' RECESSED LIGHT FIXTURE
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- RECESSED DOWNLIGHT
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- WALL MOUNTED EXIT SIGN
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- (S) — CEILING MOUNTED SMOKE DETECTOR
- (H) — CEILING MOUNTED HEAT DETECTOR
- (S) — CEILING MOUNTED PA SPEAKER
- (S) — CEILING MOUNTED SECURITY J-BOX
- CORD REEL

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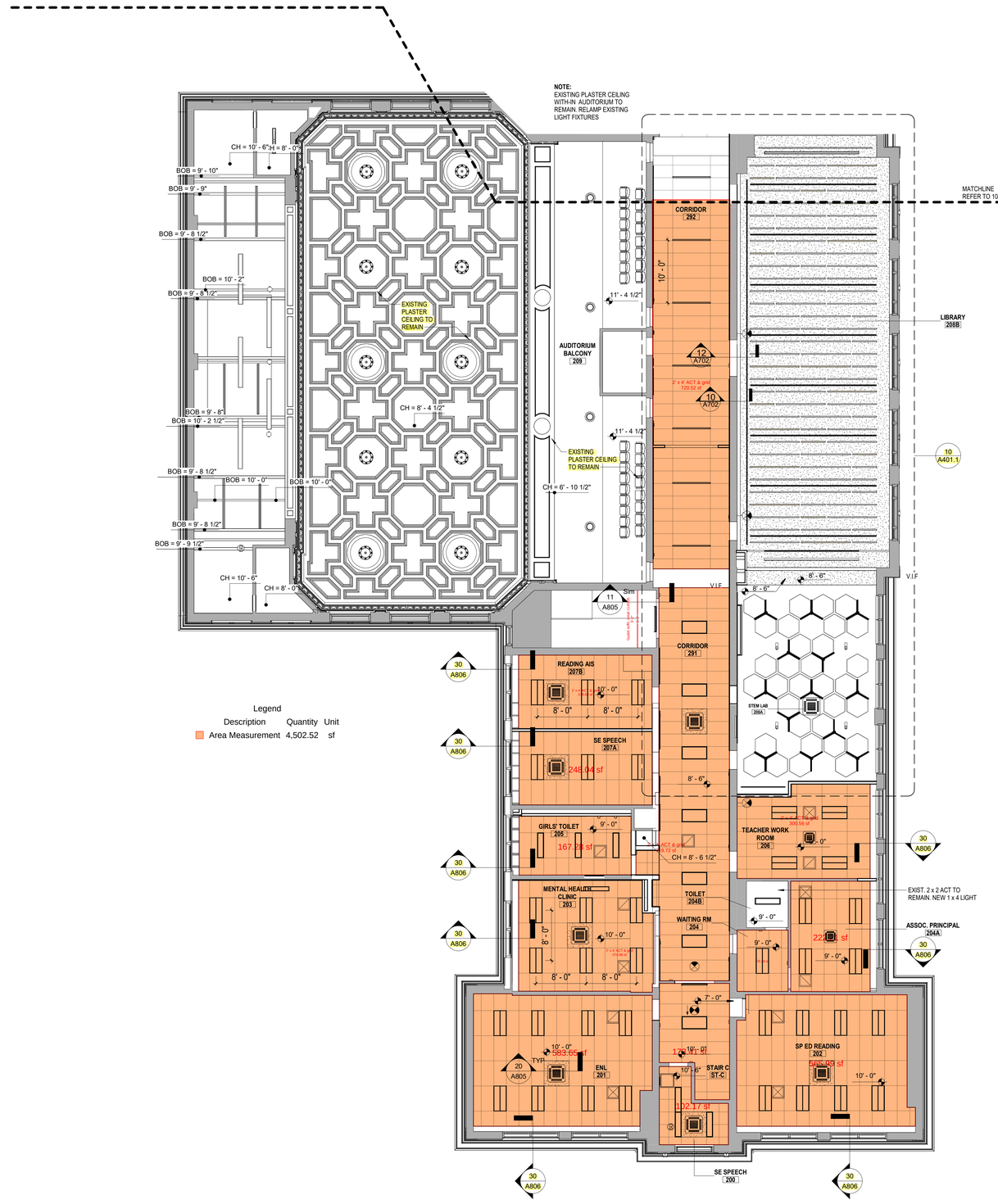

Legend

Description	Quantity	Unit
Area Measurement	4,502.52	sf

SECOND FLOOR REFLECTED CEILING PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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ARCHITECT
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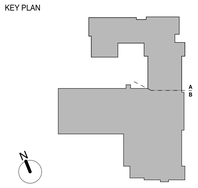

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REFLECTED CEILING PART PLAN - SECOND FLOOR AREA B

A803-B

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KEY NOTES

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B.O.S	BOTTOM OF SLAB

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- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- HVAC CEILING CASSETTE

Legend

Description	Quantity	Unit
2' x 4' ACT & grid	3,375.92	sf

Legend

Description	Quantity	Unit
Gypbd ceiling	66.70	sf

Legend

Description	Quantity	Unit
Axiom, detail 30/A806	121.5621	ft



THIRD FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

10

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203.352.1717

SITE - CIVIL CONSULTANT
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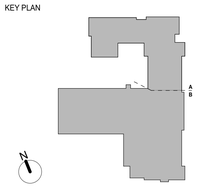
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - THIRD FLOOR

A804-AB

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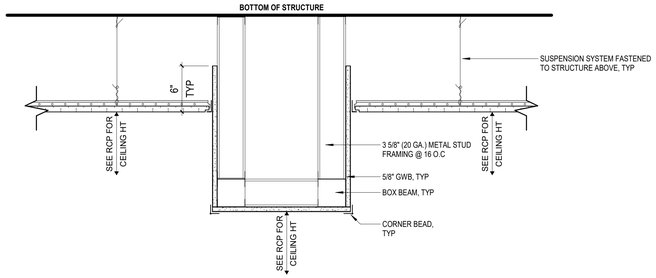
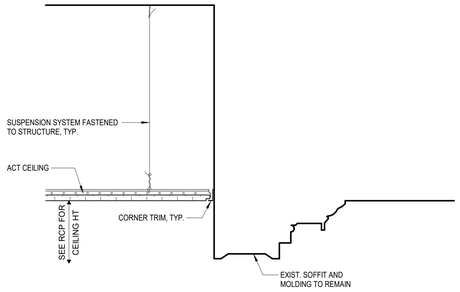
SHEET NOTES

KEY NOTES



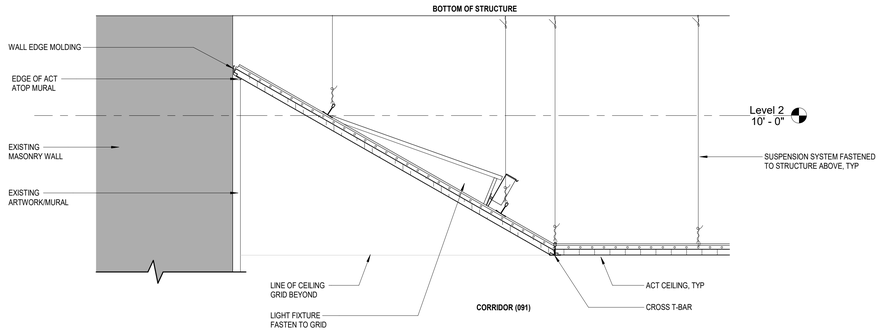
CEILING DETAIL 42

1 1/2" = 1'-0"



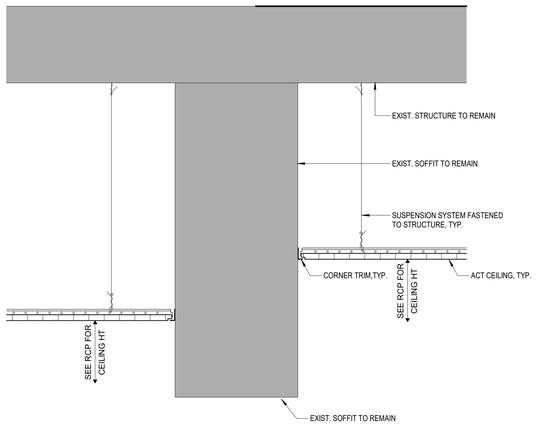
CEILING DETAIL 41

1 1/2" = 1'-0"



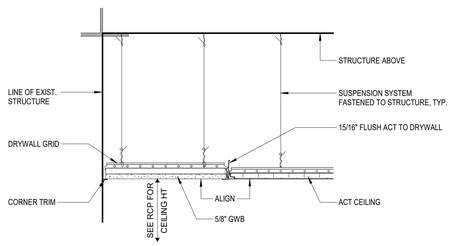
CEILING DETAIL 32

1 1/2" = 1'-0"



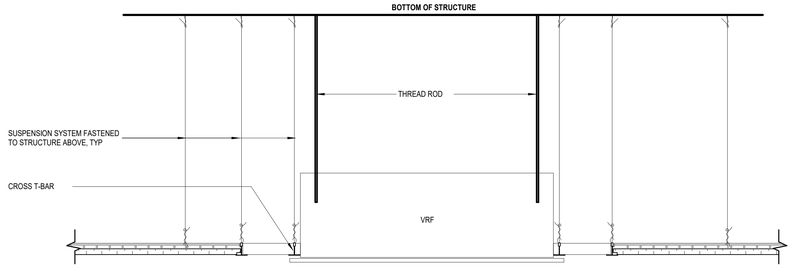
CEILING DETAIL 31

1 1/2" = 1'-0"



ACT TO DRYWALL TRANSITION 21

1 1/2" = 1'-0"



ACT TO DRYWALL TRANSITION 20

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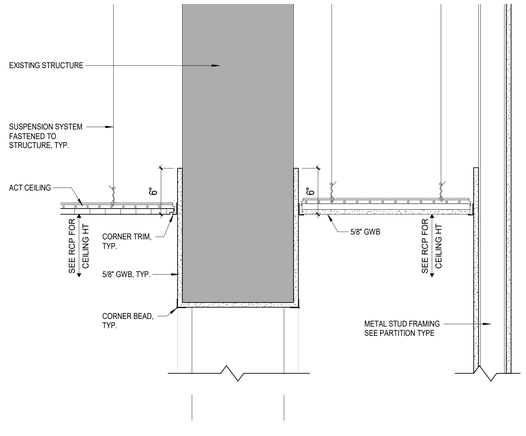
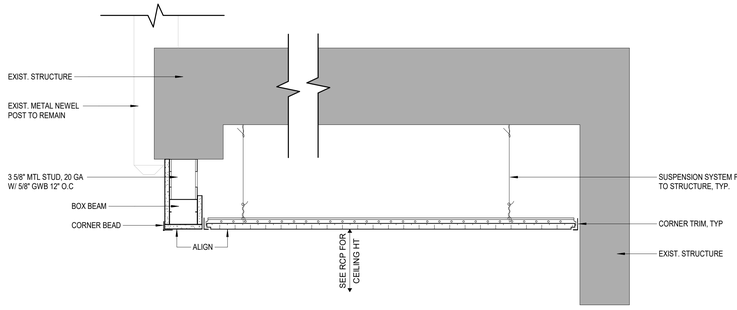


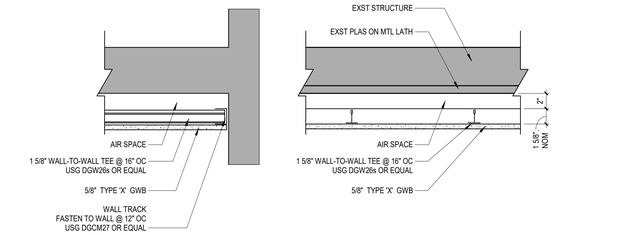
CEILING DETAIL 12

1 1/2" = 1'-0"



STAIR SOFFIT DETAIL 11

1 1/2" = 1'-0"



SECTION THROUGH WALL TRACK SECTION THROUGH TEES

DETAIL OF WALL TO WALL CEILING SYSTEM 10

1 1/2" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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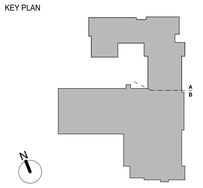
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

CEILING DETAILS

A805

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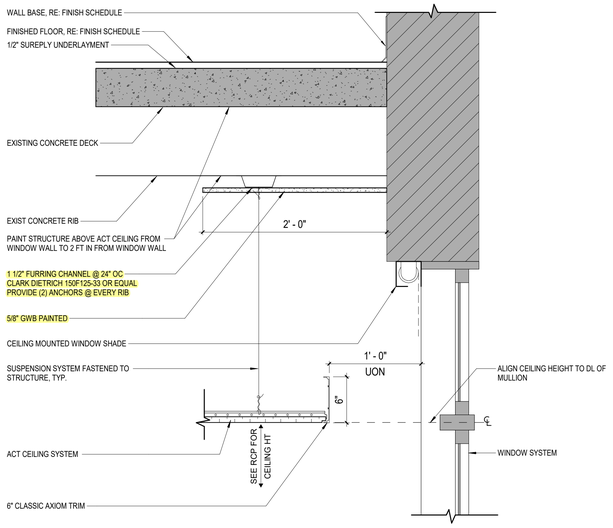
SHEET NOTES

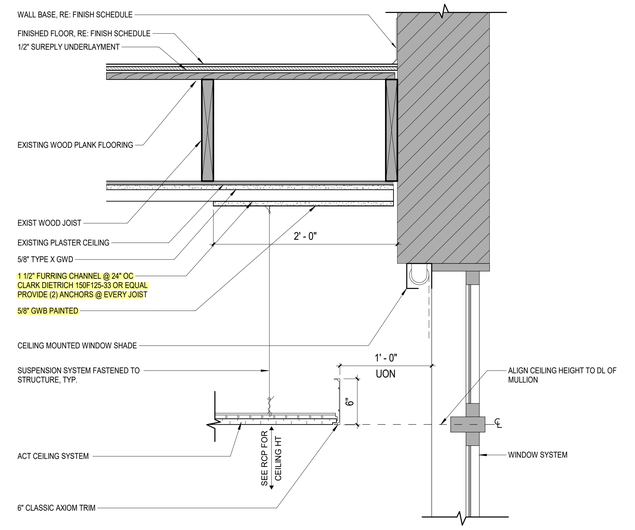
KEY NOTES



CLASSROOM CEILING DETAIL AT CONCRETE FLOOR

1 1/2" = 1'-0"

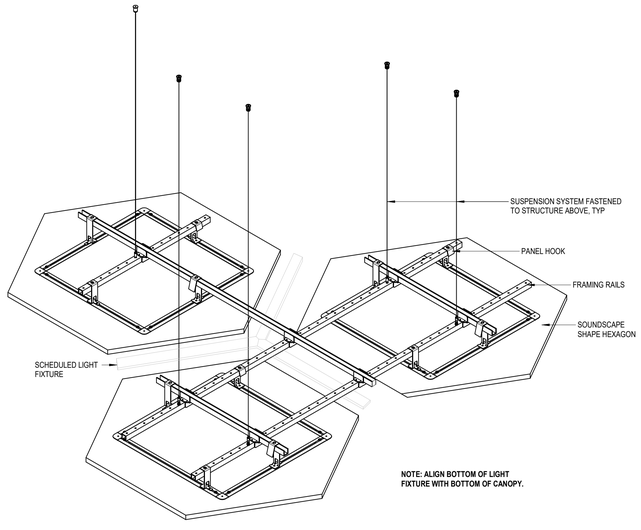
32



CLASSROOM CEILING DETAIL AT 1925 BUILDING WITH WOOD FLOOR

1 1/2" = 1'-0"

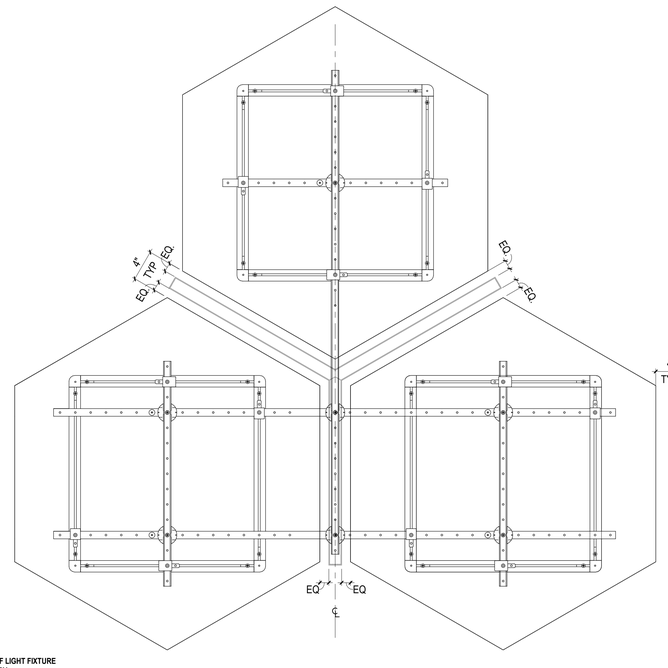
30



SOUNDSCAPE SHAPE HEXAGON - ISO

NTS

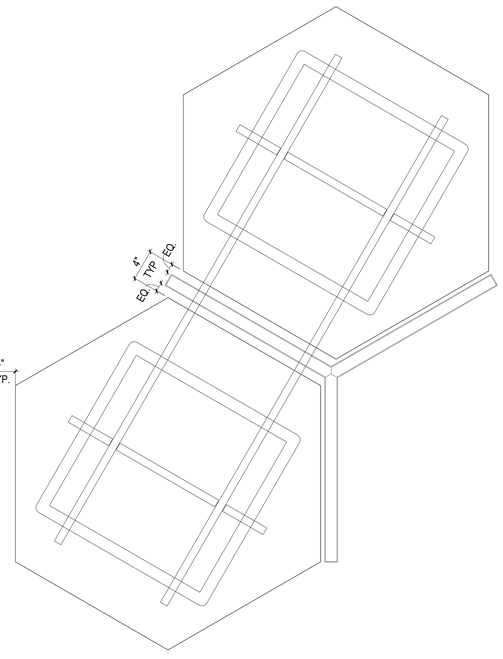
11



PLAN DETAIL - SOUNDSCAPE SHAPE HEXAGON

1 1/2" = 1'-0"

10



Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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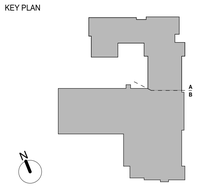
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



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MEMASI PROJECT NO.	101 - 2403

CEILING DETAILS CONTINUED

A806

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SHEET NOTES

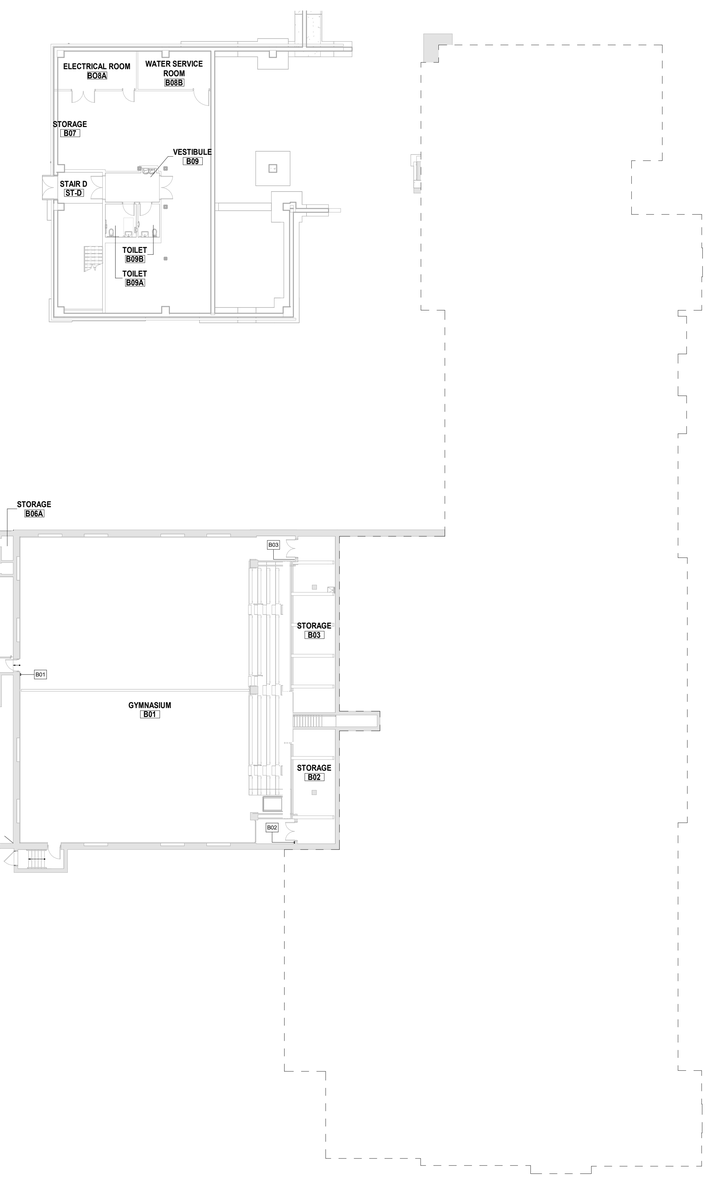
KEY NOTES

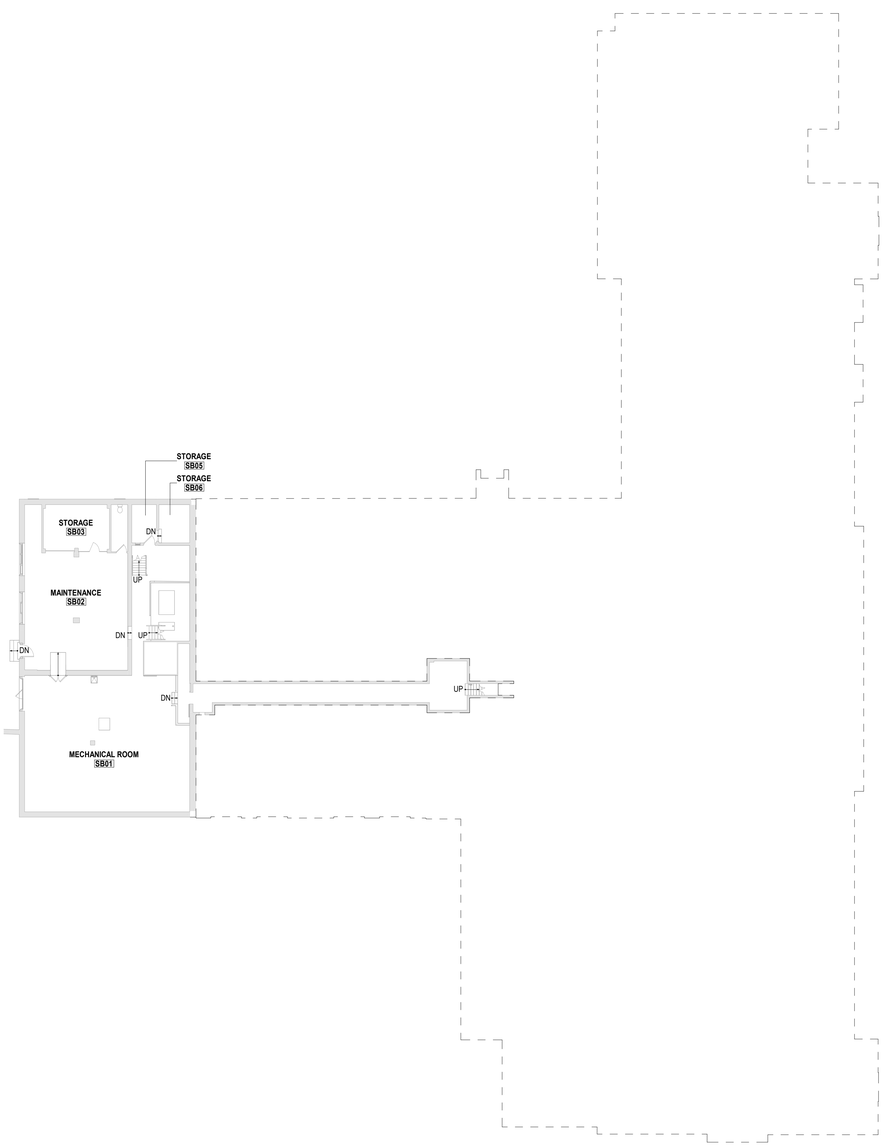
SIGNAGE LEGEND

SIGN TYPE
1-A
SIGN LOCATION

SUB-BASEMENT AND BASEMENT SIGNAGE SCHEDULE

DOOR NUMBER	FROM ROOM:	TO ROOM:	SIGN LOCATION	SIGN TYPE	MESSAGE		
					NUMBER	TEXT	REMARKS
B01-3	GYMNASIUM	STAIR F	A	1		GYMNASIUM	
B02-1	GYM PASSAGE	STORAGE	D	1		STORAGE	
B03-1	GYM FLOOR	STORAGE	D	1		STORAGE	
B07-1	VESTIBULE		D	3		STORAGE	
B08A-1		ELECTRICAL ROOM	D	1		ELECTRICAL ROOM	
B08A-2		ELECTRICAL ROOM	A	1		ELECTRICAL ROOM	
B08B-2		WATER SERVICE ROOM	A	1		WATER SERVICE ROOM	
B09-1	STAIR D	VESTIBULE	D	1		ANTEROOM	
B09B-1	VESTIBULE	TOILET	A	7		AS PER SIGN TYPE	
SB07-1	GYM FLOOR	ELEC	A	1		ELECTRICAL / MECHANICAL	
XB01-1	GYM FLOOR	ELEC	A	1	SB07	ELECTRICAL ROOM	
XB01A-1	STORAGE	GYM FLOOR	D	1		STORAGE	
XB02A-2	GYM PASSAGE	STORAGE	D	1		STORAGE	
XB06-3	STORAGE	STORAGE					





SIGNAGE PLAN - BASEMENT
1/16" = 1'-0"

13

SIGNAGE PLAN - SUB-BASEMENT
1/16" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

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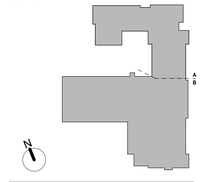
KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

SIGNAGE PLANS - SUB-BASEMENT AND BASEMENT

A901

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SHEET NOTES

KEY NOTES

SIGNAGE LEGEND

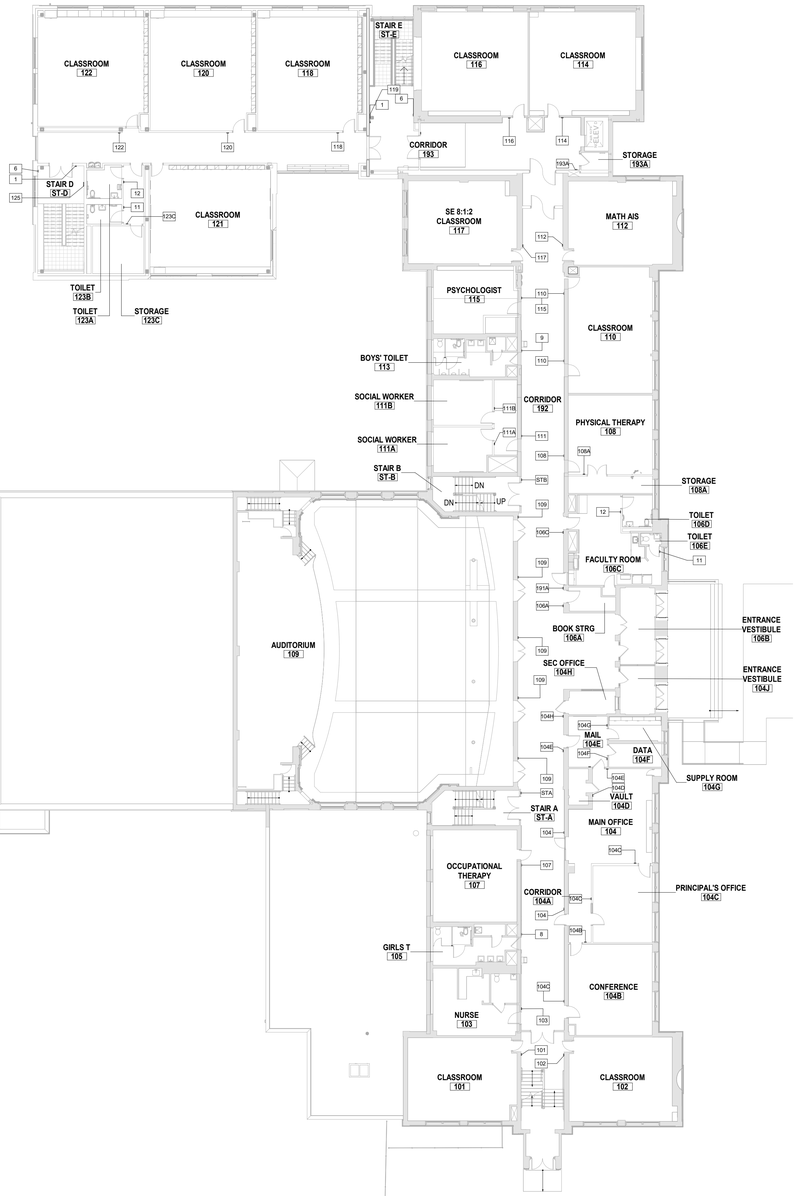
SIGN TYPE
1-A
SIGN LOCATION

GROUND AND FIRST FLOOR SIGNAGE SCHEDULE

DOOR NUMBER	FROM ROOM:	TO ROOM:	SIGN LOCATION	SIGN TYPE	MESSAGE		
					NUMBER	TEXT	REMARKS
001-1	CORRIDOR	CAFETERIA	F	1		CAFETERIA	
001-2	CORRIDOR	CAFETERIA	A	1		CAFETERIA	
001A-1	IT HELP DESK	CAFETERIA	A	1		IT HELP DESK	
003-1	CORRIDOR	CUST.	A	1		CUSTODIAN	
005A-1	CORRIDOR	BOYS' LOCKER ROOM	A	1		BOY'S LOCKER ROOM	
005B-1	CORRIDOR	BOYS' TLT	A	7		AS PER SIGN TYPE	
005C-1	CORRIDOR	STAFF TLT	A	7		AS PER SIGN TYPE	
005D-1	CORRIDOR	GIRLS' TLT	A	7		AS PER SIGN TYPE	
005E-1	CORRIDOR	GIRLS' LOCKER ROOM	A	1		GIRL'S LOCKER ROOM	
005G-1	CORRIDOR	CUSTODIAL	A	1		CUSTODIAL	
006-1	CORRIDOR	MECHANICAL	A	1		MECHANICAL	
006-2	CORRIDOR	MECHANICAL	D	1		MECHANICAL	
007-1	ENTRY	STAFF DEVELOPMENT	A	1		STAFF DEVELOPMENT	
008-1	CORRIDOR	STORAGE	A	1		STORAGE	
009-1	CORRIDOR	ENTRY	D	1		READING AIS	
012-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
014-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
018-1	CORRIDOR	SE 15:1:1 CLASSROOM	A	1		CLASSROOM	
020-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
021-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
022-1	VESTIBULE	CLASSROOM	A	1		CLASSROOM	
023A-1	CORRIDOR	TOILET	A	7		AS PER SIGN TYPE	
023B-1	CORRIDOR	TOILET	A	7		AS PER SIGN TYPE	
023C-1	CORRIDOR	STORAGE	A	1		STORAGE	
092-1	CORRIDOR	CORRIDOR	D	1		GYMNASIUM	
092-2	CORRIDOR	GYMNASIUM	A	1		GYMNASIUM	
092-3	CORRIDOR	GYMNASIUM	A	1		GYMNASIUM	
095-1	CORRIDOR	VESTIBULE	A	1		CORRIDOR	
101-1	STAIR C	CLASSROOM	A	1		CLASSROOM	
102-1	STAIR C	CLASSROOM	A	1		CLASSROOM	
103-1	CORRIDOR	NURSE	A	1		NURSE	
104-1	CORRIDOR	MAIN OFFICE	A	1		MAIN OFFICE	
104A-1	CORRIDOR	CORRIDOR	A	1	1	MAIN OFFICE	
104B-1	CORRIDOR	CONFERENCE	A	1		CONFERENCE	
104B-2	CORRIDOR	CONFERENCE	A	1		CONFERENCE	
104C-2	MAIN OFFICE	PRINCIPAL'S OFFICE	A	1		PRINCIPAL'S OFFICE	

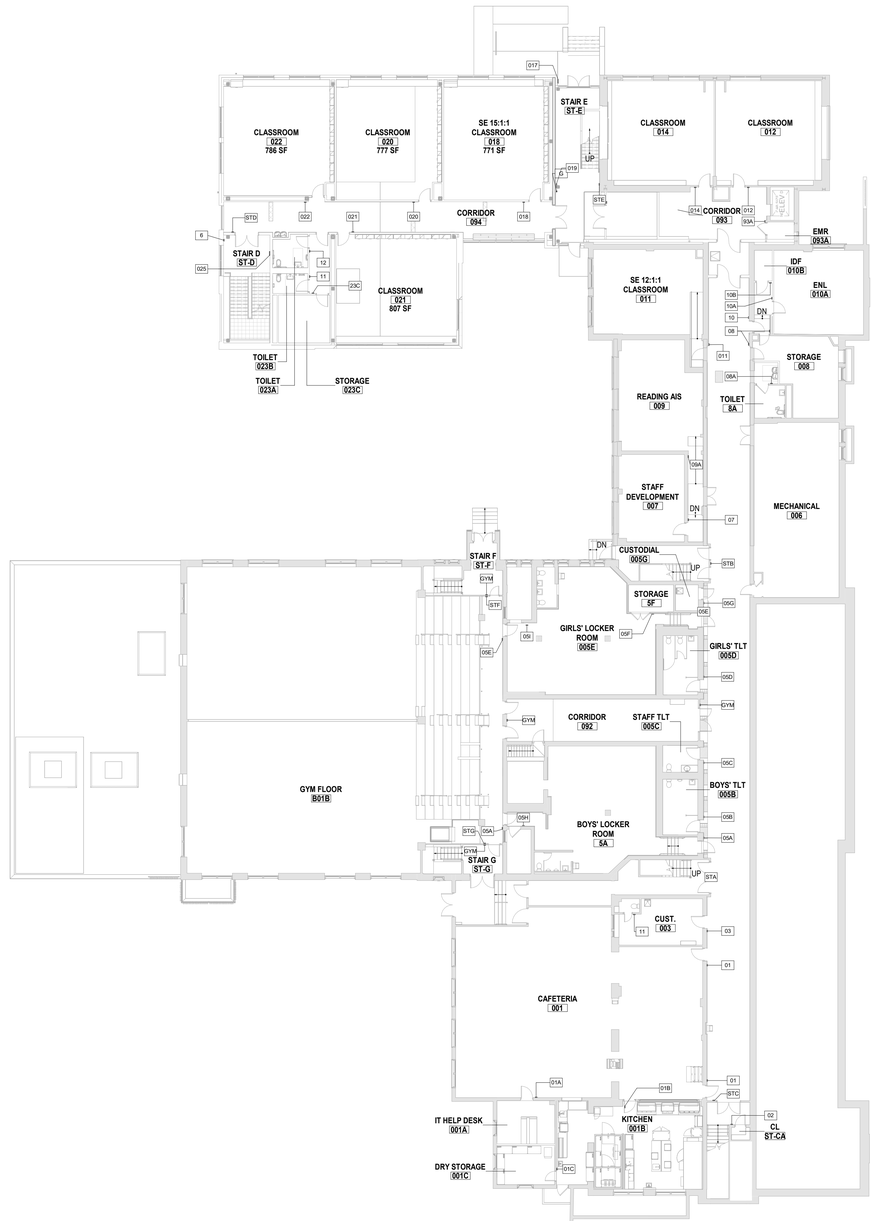
GROUND AND FIRST FLOOR SIGNAGE SCHEDULE

DOOR NUMBER	FROM ROOM:	TO ROOM:	SIGN LOCATION	SIGN TYPE	MESSAGE		
					NUMBER	TEXT	REMARKS
104H-1	CORRIDOR	MAIL	A	1		MAIL	
106A-1	CORRIDOR	BOOK STRG	A	1		BOOK STORAGE	
106C-1	CORRIDOR	FACULTY ROOM	A	1		FACULTY ROOM	
106D-1	FACULTY ROOM	TOILET	A	7		AS PER SIGN TYPE	
108-1	CORRIDOR	PHYSICAL THERAPY	A	1		PHYSICAL THERAPY	
108A-1	PHYSICAL THERAPY	STORAGE	D	1		CLOSET	
109-1	AUDITORIUM	CORRIDOR	D	1		AUDITORIUM	NIC
109-2	AUDITORIUM	CORRIDOR	D	1		AUDITORIUM	NIC
109-3	AUDITORIUM	CORRIDOR	D	1		AUDITORIUM	NIC
109-4	AUDITORIUM	CORRIDOR	D	1		AUDITORIUM	NIC
109-5	AUDITORIUM	CORRIDOR	D	1		AUDITORIUM	NIC
110-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
110-2	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
111A-1	CORRIDOR	WAITING	A	1		CORRIDOR	
111A-2	WAITING	SOCIAL WORKER	A	1		SOCIAL WORKER	
111B-1	WAITING	SOCIAL WORKER	A	1		SOCIAL WORKER	
114-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
115-1	CORRIDOR	PSYCHOLOGIST	A	1		PSYCHOLOGIST	
116-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
118-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
120-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
121-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
122-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
123A-1	CORRIDOR	TOILET	A	7		AS PER SIGN TYPE	
123B-1	CORRIDOR	TOILET	A	7		AS PER SIGN TYPE	
123C-1	CORRIDOR	STORAGE	A	1		STORAGE	
191A	FACULTY ROOM	CORRIDOR	A	1		FACULTY ROOM	
194-1	CORRIDOR	CORRIDOR	A	1		CORRIDOR	
B01-1	BLEACHERS	STAIR G	F	1		GYMNASIUM	
X010A-1	IT HELP DESK	CAFETERIA	A	1		IT HELP DESK	



SIGNAGE PLAN - FIRST FLOOR
1/16" = 1'-0"

13



SIGNAGE PLAN - GROUND FLOOR
1/16" = 1'-0"

10

Public Schools of the Tarrytowns

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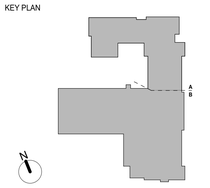

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SIGNAGE PLANS - GROUND AND FIRST FLOORS

A902

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SHEET NOTES

KEY NOTES

SIGNAGE LEGEND

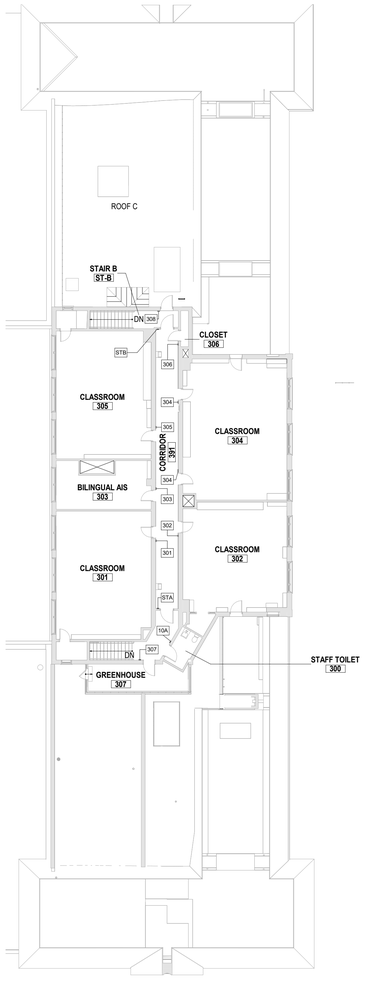
SIGN TYPE
1-A
SIGN LOCATION

SECOND AND THIRD FLOOR SIGNAGE SCHEDULE

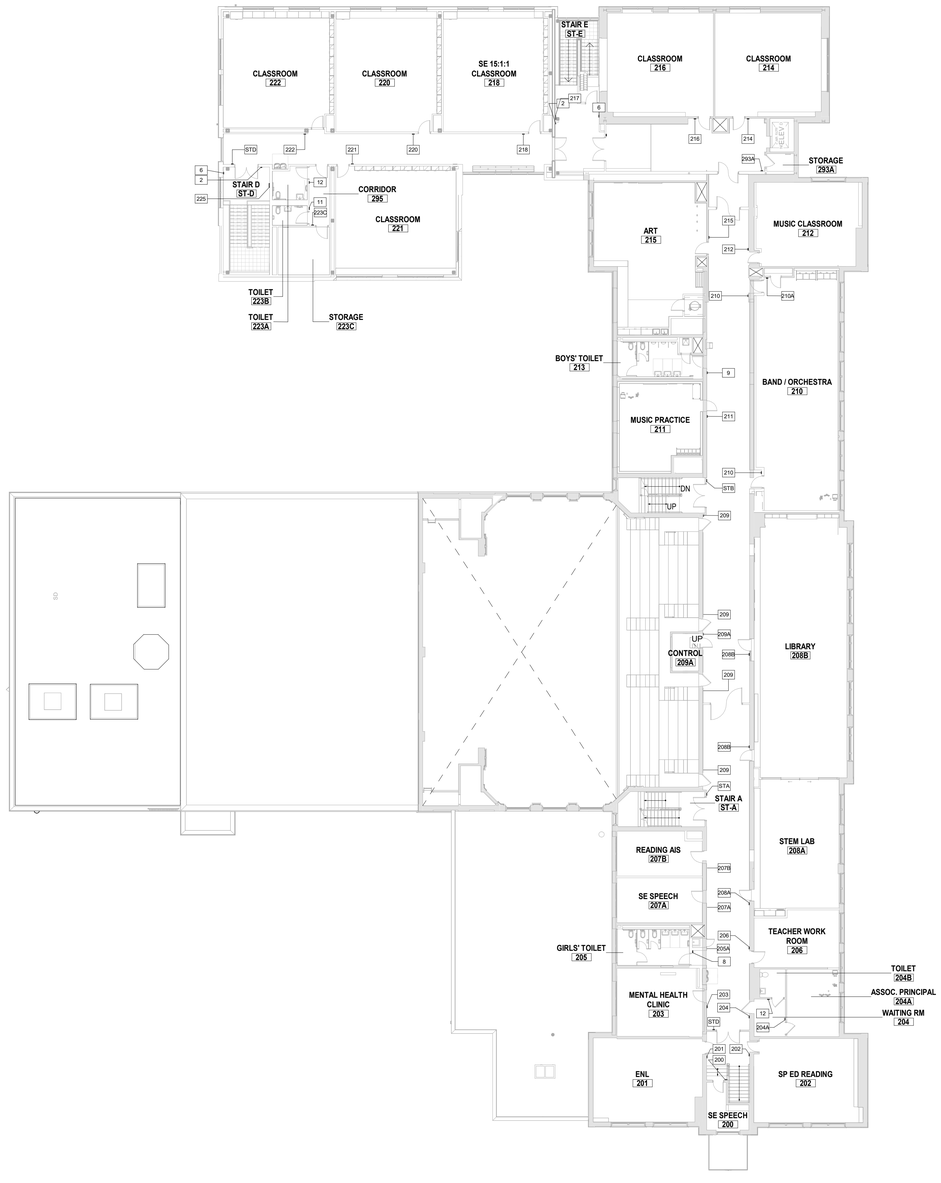
DOOR NUMBER	FROM ROOM:	TO ROOM:	SIGN LOCATION	SIGN TYPE	MESSAGE		
					NUMBER	TEXT	REMARKS
200-1	STAIR C	SE SPEECH	A	1		SPECIAL EDUCATION SPEECH	
201-1	STAIR C	ENL	A	1		ENL	
202-1	STAIR C	SP ED READING	A	1		SPECIAL EDUCATION READING	
203-1	CORRIDOR	MENTAL HEALTH CLINIC	A	1		MENTAL HEALTH CLINIC	
206-1	CORRIDOR	TEACHER WORK ROOM	A	1		TEACHER WORK ROOM	
207A-1	CORRIDOR	SE SPEECH	A	1		SE SPEECH	
207B-1	CORRIDOR	READING AIS	A	1		READING AIS	
208A-1	CORRIDOR	STEM LAB	A	1		STEAM LAB	
208B-1	CORRIDOR	LIBRARY	A	1		LIBRARY	
209A-1	CORRIDOR	DATA	A	1		DATA	
210-2	CORRIDOR	BAND / ORCHESTRA	C	1		BAND / ORCHESTRA	
210-4	CORRIDOR	BAND / ORCHESTRA	A	1		BAND / ORCHESTRA	
210-6	CORRIDOR	LIBRARY	C	1		LIBRARY	
211-1	CORRIDOR	MUSIC PRACTICE	A	1		MUSIC PRACTICE	
212-1	CORRIDOR	MUSIC CLASSROOM	A	1		GENERAL MUSIC CLASSROOM	
213-1	CORRIDOR	BOYS' TOILET	A	7		AS PER SIGN TYPE	
214-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
215-2	CORRIDOR	ART	A	1		ART	
216-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
218-1	CORRIDOR	SE 15:1:1 CLASSROOM	A	1		CLASSROOM	
220-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
221-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	

SECOND AND THIRD FLOOR SIGNAGE SCHEDULE

DOOR NUMBER	FROM ROOM:	TO ROOM:	SIGN LOCATION	SIGN TYPE	MESSAGE		
					NUMBER	TEXT	REMARKS
222-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
223A-1	CORRIDOR	TOILET	A	7		AS PER SIGN TYPE	
223B-1	TOILET	CORRIDOR	A	7		AS PER SIGN TYPE	
223C-1	STORAGE	CORRIDOR	A	1		STORAGE	
295-1	CORRIDOR	CORRIDOR	A	1		CORRIDOR	
300-1	CORRIDOR	STAFF TOILET	1	7		AS PER SIGN TYPE	
301-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
302-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
303-1	CORRIDOR	BILINGUAL AIS	A	1		BILINGUAL AIS	
304-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
304-2	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
305-1	CORRIDOR	CLASSROOM	A	1		CLASSROOM	
306-1	CORRIDOR	CLOSET	F	1		CLOSET	
307-1	CORRIDOR	GREENHOUSE	A	1		GREENHOUSE	
X204A-1	WAITING RM	ASSOC. PRINCIPAL	A	1		ASSOCIATE PRINCIPAL	
X204B-1	TOILET	WAITING RM	A	7		AS PER SIGN TYPE	



SIGNAGE PLAN - THIRD FLOOR
1/16" = 1'-0"
13



SIGNAGE PLAN SECOND FLOOR
1/16" = 1'-0"
10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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THE LA GROUP
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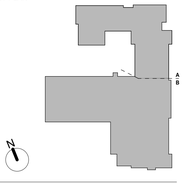
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

SIGNAGE PLANS - SECOND AND THIRD FLOORS

A903

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SIGNAGE SCHEDULE (BY ROOM)

TAG	TYPE	ROOM NUMBER	ROOM NAME/INSERT MESSAGE (TYPES 1 & 2)	MESSAGE (TACTILE CHARACTERS ON SIGN)				
				LINE 1	LINE 2	LINE 3	LINE 4	LINE 5
BASEMENT (GYM FLOOR)								
B01	3	SB07	ELECTRICAL					
B02	3	B02	STORAGE					
B03	3	B03	STORAGE					
B07	3	B07	STORAGE					
BASEMENT (ADDITION)								
11	11	B09B	ALL GENDER					
12	12	B09A	ALL GENDER					
B	4	ST-D	STAIR D	B				
B04	14	ST-D	STAIR D	FLOORS B-2	NO ROOF ACCESS			
B05	13	ST-D	STAIR D	B	FLOORS B-2	NO ROOF ACCESS	EXIT	THIS FLOOR
B08	3	B08A	ELECTRICAL					
B09	3	B09B	MECHANICAL					
STD	5	ST-D	STAIR D					
GROUND FLOOR								
	5							
01	3	001	CAFETERIA					
01A	1	001A	IT HELP DESK					
01B	3	001B	KITCHEN					
01C	3	001C	DRY STORAGE					
02	3	002	CLOSET					
03	1	003	CUSTODIAL OFFICE					
05A	1	005A	BOYS' LOCKER ROOM					
05A	1	005A	BOYS' LOCKER ROOM					
05B	9	005B	BOYS					
05C	10	005C	STAFF TOILET					
05D	8A	005D	GIRLS					
05E	1	005E	GIRLS' LOCKER ROOM					
05E	1	005E	GIRLS' LOCKER ROOM					
05F	3	005F	STORAGE					
05G	3	005G	CUSTODIAL CLOSET					
05H	1	005H	PHYSICAL OFFICE					
05I	1	05I	PHYSICAL EDUCATION OFFICE					
6	6	ST-D	STAIR D	AREA OF	REFUGE			
07	1	007	STAFF DEVELOPMENT					
08	3	008	STORAGE					
08	3	008	STORAGE					
08A	12	008A	ALL GENDER					
09A	1	009	READING AIS					
10	2	010	ENL AND IDF	WITH ACCESS TO 010A AND 010B				
10A	1	010A	ENL					
10B	3	010B	IDF					
11	11	003A	ALL GENDER					
11	11	023B	ALL GENDER					
011	1	011	CLASSROOM					
12	12	023A	ALL GENDER					
012	1	012	CLASSROOM					
014	1	014	CLASSROOM					
017	14	ST-E	STAIR E	FLOORS G-2	ROOF ACCESS			
018	1	018	CLASSROOM					
019	13	ST-E	STAIR E	G	FLOORS G-2	ROOF ACCESS	EXIT	THIS FLOOR
020	1	020	CLASSROOM					
021	1	021	CLASSROOM					
022	1	022	CLASSROOM					
23C	3	023C	STORAGE					
025	13	ST-D	STAIR D	G	FLOORS B-2	NO ROOF ACCESS	DOWN TO EXIT	ON FLOOR B
93A	3	093A	ELEVATOR MACHINE ROOM					
G	4	ST-D	STAIR D	G				
G	4	ST-E	STAIR E	G				
GYM	3	B01	GYMNASIUM					
GYM	3	B01	GYMNASIUM					
GYM	3	B01	GYMNASIUM					
GYM	3	B01	GYMNASIUM					
STA	5	ST-A	STAIR A					
STB	5	ST-B	STAIR B					
STC	5	ST-C	STAIR C					
STD	5	ST-D	STAIR D					
STE	5	ST-E	STAIR E					
STF	5	ST-F	STAIR F					
STG	5	STAIR G	ST-G					
FIRST FLOOR								
	5							
1	4	ST-D	STAIR D	1				
1	4	ST-E	STAIR E	1				
6	6	ST-D	STAIR D	AREA OF	REFUGE			
6	6	ST-E	STAIR E	AREA OF	REFUGE			
8	8	105	GIRLS					
9	9	113	BOYS					
11	11	106E	ALL GENDER					
11	11	123B	ALL GENDER					
12	12	106D	ALL GENDER					
12	12	123A	ALL GENDER					
101	1	101	CLASSROOM					
102	1	102	CLASSROOM					
103	1	103	NURSE					
104	2	104	MAIN OFFICE	WITH ACCESS TO 104A-104G				
104	2	104	MAIN OFFICE	WITH ACCESS TO 104A-104G				
104B	1	104C	CONFERENCE					
104C	1	104C	MS. NARELYS PAGAN / PRINCIPAL					
104C	1	104C	MS. NARELYS PAGAN / PRINCIPAL					
104C	1	104C	CONFERENCE					
104D	3	104D	VAULT					
104E	2	104E	MAIL ROOM	WITH ACCESS TO 104F-104G				
104E	2	104E	MAIL ROOM	WITH ACCESS TO 104F-104G				
104F	3	104F	DATA					
104G	3	104G	SUPPLY					
104H	3	104H	SECURITY OFFICE					
106A	3	106A	BOOK STORAGE					
106C	3	106C	FACULTY ROOM					
107	1	107	OCCUPATIONAL THERAPY					
108	1	108	PHYSICAL THERAPY					
108A	3	108A	STORAGE					
109	3	109	AUDITORIUM					
110	1	110	CLASSROOM					
111	2	111	SOCIAL WORKERS	WITH ACCESS TO 111A AND 111B				
111A	1	111A	SOCIAL WORKER					
111B	1	111B	SOCIAL WORKER					
112	1	112	MATH AIS					
114	1	114	CLASSROOM					
115	1	115	PYSCHOLOGIST					
116	1	116	CLASSROOM					
117	1	117	CLASSROOM					
118	1	118	CLASSROOM					
119	13	ST-E	STAIR E	1	FLOORS G-2	ROOF ACCESS	DOWN EXIT	ON FLOOR G
120	1	120	CLASSROOM					
121	1	121	CLASSROOM					
122	1	122	CLASSROOM					
123C	3	123C	STORAGE					
125	13	ST-D	STAIR D	1	FLOORS B-2	NO ROOF ACCESS	DOWN TO EXIT	ON FLOOR B
191A	3	191A	CUSTODIAL CLOSET					
193A	3	193A	STORAGE					
STA	5	ST-A	STAIR A					

SIGNAGE SCHEDULE (BY ROOM)

TAG	TYPE	ROOM NUMBER	ROOM NAME/INSERT MESSAGE (TYPES 1 & 2)	MESSAGE (TACTILE CHARACTERS ON SIGN)				
				LINE 1	LINE 2	LINE 3	LINE 4	LINE 5
STB	5	ST-B	STAIR B					
STD	5	ST-D	STAIR D					
SECOND FLOOR								
	5							
2	4	ST-D	STAIR D	2				
2	4	ST-E	STAIR E	2				
6	6	ST-D	STAIR D	AREA OF	REFUGE			
6	6	ST-E	STAIR E	AREA OF	REFUGE			
8	8	205	GIRLS					
9	9	213	BOYS					
11	11	223B	ALL GENDER					
12	12	204B	ALL GENDER					
12	12	223A	ALL GENDER					
200	1	200	SPEECH					
201	1	201	ENL					
202	1	202	CLASSROOM					
203	1	203	MENTAL HEALTH CLINIC					
204	2	204	AP WAITING ROOM	WITH ACCESS TO 204A AND 204B				
204A	1	204A	MR. JOSHUA WHITHAM / ASSOCIATE PRINCIPAL					
205A	3	205A	CUSTODIAL CLOSET					
206	1	206B	TEACHER WORK ROOM					
207A	1	207A	SPEECH					
207B	1	207B	READING AIS					
208A	1	208A	STEAM LAB					
208B	1	208B	LIBRARY					
208B	1	208B	LIBRARY					
209	3	209	AUDITORIUM BALCONY					
209	3	209	AUDITORIUM BALCONY					
209A	3	209A	CONTROL ROOM					
210	1	210	BAND/ORCHESTRA					
210	1	210	BAND/ORCHESTRA					
210A	3	210A	CLOSET					
211	1	211	MUSIC PRACTICE					
212	1	212	MUSIC CLASSROOM					
214	1	214	CLASSROOM					
215	1	215	ART					
216	1	216	CLASSROOM					
217	13	ST-E	STAIR E	2	FLOORS G-2	ROOF ACCESS	DOWN TO EXIT	ON FLOOR G
218	1	218	CLASSROOM					
220	1	220	CLASSROOM					
221	1	221	CLASSROOM					
222	1	222	CLASSROOM					
223C	3	223C	STORAGE					
225	13	ST-D	STAIR D	2	FLOORS B-2	NO ROOF ACCESS	DOWN TO EXIT	ON FLOOR B
293A	3	293A	STORAGE					
STA	5	ST-A	STAIR A					
STB	5	ST-B	STAIR B					
STD	5	ST-D	STAIR D					
STD	5	ST-D	STAIR D					
THIRD FLOOR (PENTHOUSE)								
10A	10A	300	STAFF TOILET					
301	1	301	CLASSROOM					
302	1	302	CLASSROOM					
303	1	303	BILINGUAL AIS					
304	1	304	CLASSROOM					
305	1	305	CLASSROOM					
306	3	306	CLOSET					

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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BUILDING TECHNOLOGY CONSULTING LLC
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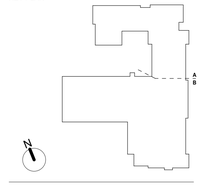
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

SIGNAGE SCHEDULE

A904

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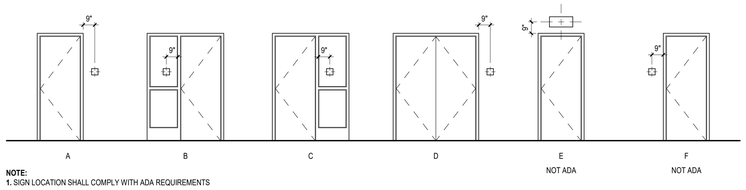


NOTE:

1. SIGN LOCATION SHALL COMPLY WITH ADA REQUIREMENTS

2. SIGNS CONTAINING BRAILLE SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. AT DOUBLE DOORS, SIGNS SHALL BE TO THE RIGHT OF THE RIGHT-HAND DOOR

3. FOR SIGN TYPE 'E' WHEN IT IS NOT POSSIBLE TO LOCATE AS SHOWN ON ELEVATION. LOCATE THE SIGN AS INDICTED ON PLANS

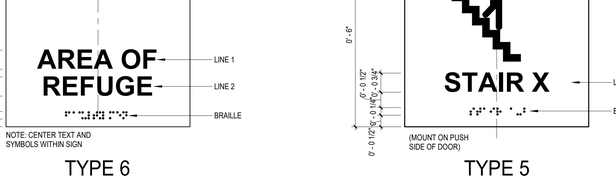
4. FOR MOUNTING HEIGHTS, SEE SIGN MOUNTING HEIGHTS

SIGN LOCATION

1/4" = 1'-0"

20

REFER TO ELEVATIONS FOR MOUNTING HEIGHTS



NOTE: FOR BRAILLE CHARACTER MOUNTING HEIGHT, SEE DIAGRAM B

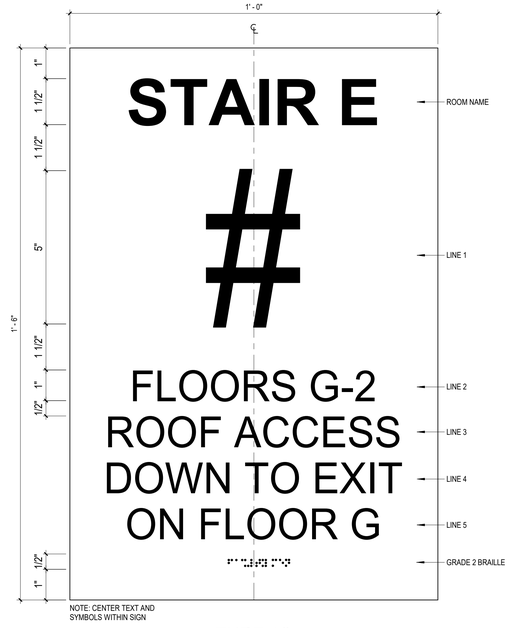
SIGN MOUNTING HEIGHTS

1/4" = 1'-0"

30



TYPE 14



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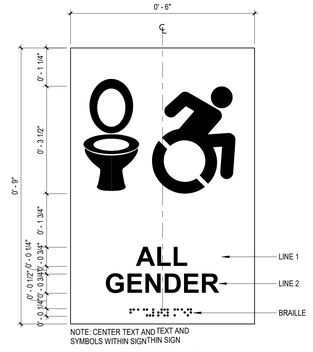

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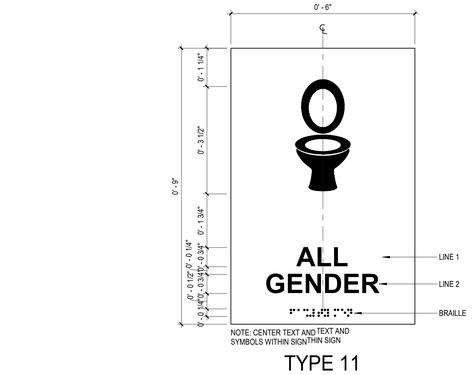

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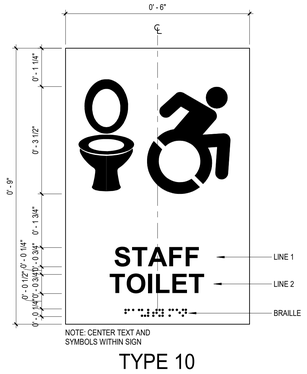
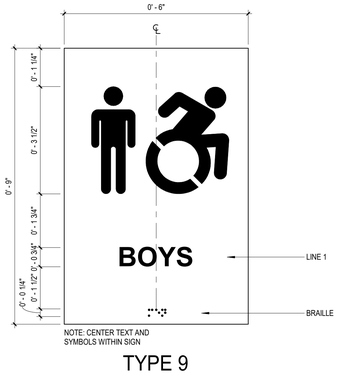


TYPE 10

TYPE 10A - W/O ACCESSIBILITY PICTOGRAM



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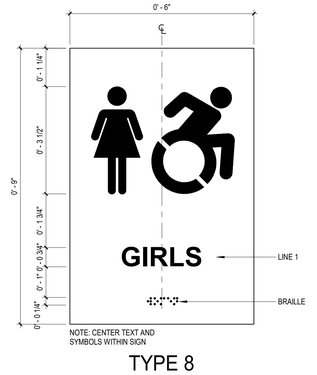
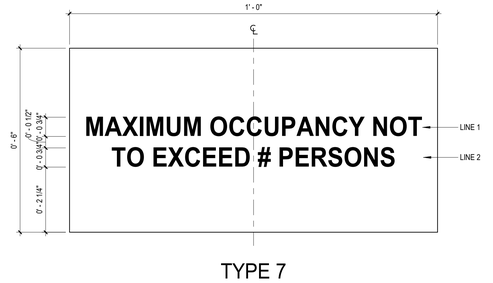


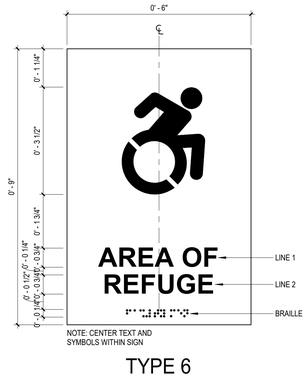
TYPE 8

TYPE 8A - W/O ACCESSIBILITY PICTOGRAM



TYPE 7

EXISTING TO REMAIN



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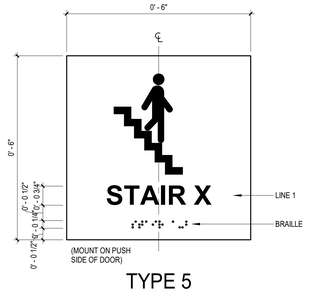

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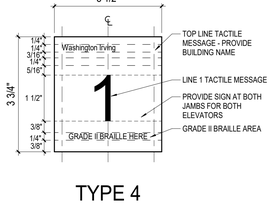

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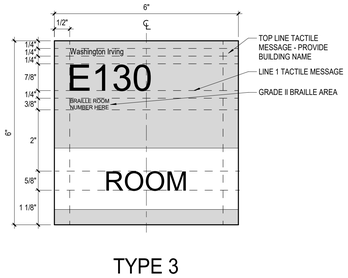
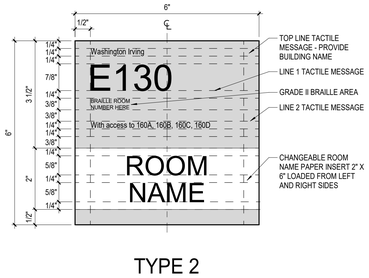
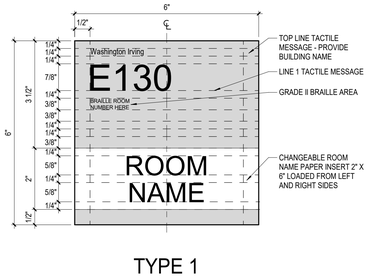


TYPE 3



TYPE 2



TYPE 1

SIGN TYPES

6" = 1'-0"

10

Public Schools of the Tarrytowns

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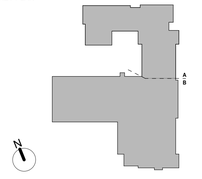
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID 03/27/2026
ISSUE DATE

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

SIGNAGE TYPES

A905

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SHEET NOTES

MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCE TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	WALL FINISH	BASE	CEILING	REMARKS
SUB-BASEMENT						
-	EXTERIOR					
SB01	MECHANICAL ROOM	ETR	ETR	ETR	ETR	
SB02	MAINTENANCE	ETR	ETR	ETR	ETR	
SB03	STORAGE	ETR	ETR	ETR	ETR	
SB04	TOILET	ETR	ETR	ETR	ETR	
SB05	STORAGE	ETR	ETR	ETR	ETR	
SB06	STORAGE	ETR	ETR	ETR	ETR	
SB07	ELEC	ETR	ETR	ETR	ETR	
BASEMENT (GYM FLOOR)						
-	EXTERIOR					
-	EXTERIOR					
B01A	GYM FLOOR	ETR	PNT-	ETR	PNT-	
B01C	GYM BLEACHERS	PNT-	-	-	PNT-	
B01D	GYM PASSAGE	ETR	ETR/PNT	ETR	PNT-	
B02	STORAGE	-	-	-	-	
B03	STORAGE	-	-	-	-	
B04	ABANDONED TOILET	-	-	-	-	
B05	ABANDONED TOILET	-	-	-	-	
B06	STORAGE	PNT CONC	PNT-	RB-	-	
B06A	STORAGE	PNT CONC	PNT-	RB-	-	
B08B	WATER SERVICE ROOM	SC-1	PNT-1	N/A	N/A	
B09	VESTIBULE	VCT-1	PWT-1,CWT-3,PNT-1	PTB,CWT	ACT-4	
B09A	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-1	
B09B	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-1	
B08A	ELECTRICAL ROOM	SC-1	PNT-1	N/A	N/A	
ST-D	STAIR D	VCT-1,PT-1	PNT-1,PNT-2	RB-2,RB-4	ACT-4,PNT-3	PAINT HANDRAIL, BALUSTER, STAIR STRUCTURE, PNT-2
ST-H	STAIR H	RB	ETR	ETR	ETR	
ST-J	STAIR J	ETR	ETR	ETR	ETR	
GROUND FLOOR						
-	EXTERIOR					
-	EXTERIOR					
-	EXTERIOR					
-	BLEACHERS					
-	EXTERIOR					
001	CAFETERIA	ETR	ETR	ETR	ETR	
001A	IT HELP DESK	VCT-1	PNT-1	RB-4	ACT-4	
001B	KITCHEN	RESIN	HWC,PNT-1	RB	ACT-5	
001C	DRY STORAGE	RESIN	PNT-1	RB	ACT-5	
003	CUST.	VCT-1	PNT-1	RB-4	ACT-4	
3A	TOILET	PT	CWT/PNT	PTB	ACT-2	
5A	BOYS' LOCKER ROOM	RESIN	PNT-1,PNT-11	RB	ACT-4	
005B	BOYS' TLT	ETR	ETR	ETR	ACT-3	
005C	STAFF TLT	ETR	ETR	ETR	ACT-3	
005D	GIRLS' TLT	ETR	ETR	ETR	ETR	
005E	GIRLS' LOCKER ROOM	RESIN	PNT-1,PNT-11	RB	ACT-4	
5F	STORAGE					
005G	CUSTODIAL	ETR	ETR	ETR	ACT-4	
5I	Room	VCT-1	PNT-1	RB-4	ACT-4	
006	MECHANICAL	ETR	ETR	ETR	ETR	
006	MECHANICAL	PNT CONC	PNT-	RB -	ACT-2	
006A	CLOSET	PNT CONC	PNT-	RB -	ACT-2	
007	STAFF DEVELOPMENT	ETR	ETR	ETR	ACT-4	
008	STORAGE	VCT-1	PNT-1	RB-4	ACT-4	
8A	TOILET	ETR	ETR	ETR	ACT-3	
009	READING AIS	ETR	ETR	ETR	ACT-4	
9A	ENTRY	VCT-	PNT-	RB-	ACT-	
010	VESTIBULE	VCT-1	PNT-1	RB-4	ACT-4	
010A	ENL	VCT-1	PNT-1	RB -4	ACT-4	
010B	IDF	VCT-1	PNT	RB	ACT-4	
011	SE 12:1:1 CLASSROOM	ETR	ETR	ETR	ACT-4	
012	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
014	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
018	SE 15:1:1 CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
020	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
021	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
022	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
023A	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
023B	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
023C	STORAGE	SC-1	PNT-5	RB-4	ACT-4	
091	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	ETR BRICK,PWT-1,PNT-1	RB-5	ACT-4	
091A	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	PWT-1,PNT-1	PTB	ACT-4	
092	CORRIDOR	VCT-1	PNT-1	RB-5	ACT-	
093	CORRIDOR	VCT-1	PWT-1,PNT-1	PTB	ACT-4	
093A	EMR	ETR	ETR	ETR	ACT-4	
094	CORRIDOR	VCT-1,VCT-5,VCT-6	PWT-1,CWT-3,PNT-1	PTB	ACT-4	
095	CORRIDOR	VCT-1	PNT-1,PNT	RB-3	ACT-4	
B01	GYMNASIUM	ETR	PNT	ETR	PNT-3	
C001A	CORRIDOR	VCT-1	CWT-3,PNT-1	RB-5	ACT-2	
C004E	ELEVATOR					
ST-A	STAIR A	VCT-1	ETR BRICK,PNT-1	RB-4	ACT-4,PNT-3	
ST-B	STAIR B	VCT-1	ETR BRICK,PNT-1	RB-4	ACT-4,PNT-1	
ST-C	STAIR C	VCT-1	ETR BRICK,PNT-1	RB-4	ACT-4,PNT-3	
ST-CA	CL	VCT-1	PNT-1	RB-4	ETR	
ST-D	STAIR D	VCT-1	PNT-1,PNT-2	RB-2,RB-4	ACT-4,PNT-3	PAINT HANDRAIL, BALUSTER, STAIR STRUCTURE, PNT-2
ST-E	STAIR E	VCT-1	PNT-1,PNT-2	RB-2,RB-4	ACT-4,PNT-3	PAINT HANDRAIL, BALUSTER, STAIR STRUCTURE, PNT-2
ST-F	STAIR F	VCT/RB	PNT-	RB -	PNT	
ST-G	STAIR G	VCT/RB	PNT-	RB -	PNT	
STA-P	EXIT PASSAGEWAY	VCT-1	ETR BRICK,PNT-1	RB -4	PNT-3	
STA-V	VESTIBULE	VCT-1	PNT-1	RB-4	PNT-3	
FIRST FLOOR						
-	EXTERIOR					

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	WALL FINISH	BASE	CEILING	REMARKS
101	CLASSROOM	ETR	ETR	ETR	ACT-4	
102	CLASSROOM	VCT-1	ETR	RB-4	ACT-4	
103	NURSE	ETR	ETR	ETR	ACT-4	
103A	NURSE TLT	ETR	ETR	ETR	ETR	
104	MAIN OFFICE	VCT-1,VCT-4	PNT-1,PNT-2	RB-4	ACT-2	
104A	CORRIDOR	VCT-	PNT-	RB-	ACT-2	
104B	CONFERENCE	VCT-1	PNT-1	RB-4	ACT-2	
104C	PRINCIPAL'S OFFICE	VCT-1	PNT-1,PNT-2	RB-4	ACT-2	
104D	VAULT	ETR	ETR	ETR	ETR	
104E	MAIL	ETR	ETR	ETR	ETR	
104F	DATA	ETR	ETR	ETR	ACT-2	
104G	SUPPLY ROOM	ETR	PNT	ETR	ACT-2	
104H	SEC OFFICE	ETR	ETR	ETR	ETR	
104I	CLOSET					
104J	ENTRANCE VESTIBULE	ETR	ETR,PNT-1	ETR	PNT-3	
105	GIRLS T	ETR	ETR	ETR	ETR	
105A	JANITOR	ETR	ETR	ETR	ETR	
106A	BOOK STRG	VCT-1	PNT-1	RB-4	ACT-4	
106B	ENTRANCE VESTIBULE	ETR	ETR,PNT-1	ETR	PNT-3	
106C	FACULTY ROOM	VCT-1	PNT-1	RB-4	ACT-2	
106D	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
106E	TOILET	PT-1	CWT-6,PNT-1	CWT	ACT-3	
106F	CLOSET					
107	OCCUPATIONAL THERAPY	ETR	ETR	ETR	ACT-4	
108	PHYSICAL THERAPY	ETR	ETR	RB-6	ACT-4	
108A	STORAGE	VCT-1	PNT-1	RB-4	ACT-4	
109	AUDITORIUM	CPT-2	ETR	ETR	ETR	
110	CLASSROOM	ETR	PNT-1	ETR	ACT-4	
111	WAITING	ETR	PNT-1	RB-6	ACT-4	
111A	SOCIAL WORKER	ETR	PNT-1,PNT-10	RB-6	ACT-4	
111B	SOCIAL WORKER	ETR	PNT-1,PNT-10	RB-6	ACT-4	
112	MATH AIS	VCT-1	PNT-1	RB-4	ACT-4	
113	BOYS' TOILET	ETR	ETR	ETR	ETR	
113A	CUSTODIAL					
114	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
115	PSYCHOLOGIST	VCT-1	PNT-1	RB-4	ACT-4	
116	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
117	SE 8:1:2 CLASSROOM	VCT-1	PNT-1	RB-4	ACT-4	
118	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
120	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
121	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
122	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
123A	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
123B	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
123C	STORAGE	SC-1	PNT-5	RB -4	ACT-4	
192	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	ETR BRICK,PWT-1,CWT-3,PNT-1	RB-5	ACT-4	
192A	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	PWT-1,PNT-1	PTB	ACT-4	
193	CORRIDOR	VCT-1	PWT-1,PNT-1	PTB	ACT-4	
193A	STORAGE	ETR	ETR	ETR	ACT-4	
194	CORRIDOR	VCT-1,VCT-5,VCT-6	PWT-1,PNT-1	PTB	ACT -4	
195	CORRIDOR	VCT-1	PNT-1,PNT	RB-3	ACT-4	
ST-B	STAIR B	VCT-1	ETR BRICK,PNT-1	RB-4	ACT-2	
ST-C	STAIR C	VCT-1	PNT-1	RB-4	ACT-4	
ST-E	STAIR G	VCT/RB	PNT-	RB -	ACT-2	
ST-F	STAIR F	VCT/RB	PNT-	RB -	ACT-2	
STC-V	VESTIBULE	VCT-	CWT/PNT	RB -	ETR	
SECOND FLOOR						
200	SE SPEECH	ETR	ETR	ETR	ACT-2	
201	ENL	ETR	ETR	ETR	ACT-4	
202	SP ED READING	ETR	ETR	ETR	ACT-4	
203	MENTAL HEALTH CLINIC	VCT-1	PNT-1	RB-4	ACT-4	
204	WAITING RM	VCT-1	PNT-1	RB-4	ACT-4	
204A	ASSOC. PRINCIPAL	VCT-1	PNT-1	RB-4	ACT-4	
204B	TOILET	ETR	ETR	ETR	ETR	
205	GIRLS' TOILET	RESIN	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	RB	ACT-4	
205A	JANITOR	RESIN	PNT-1	RB	-	
206	TEACHER WORK ROOM	VCT-1	PNT-1	RB-4	ACT-4	
207A	SE SPEECH	VCT-1	PNT-1,PNT-10	RB-4	ACT-4	
207B	READING AIS	VCT-1	PNT-1,PNT-10	RB-4	ACT-4	
208A	STEM LAB	LVT-1, LVT-2	PNT-1, PNT-2, CWT-8	RB-1, RB-2	PNT-4, CLNG-4	PROVIDE CWT-8 BACKSPLASH
208B	LIBRARY	LVT-1, LVT-2	PNT-1, PNT-2	RB-1, RB-2	PNT-3, CLNG-1, CLNG-2, CLNG-3	
209	AUDITORIUM BALCONY	CPT-2	ETR	ETR	ETR	
209A	CONTROL	ETR	ETR	ETR	ETR	
209A	DATA					
210	BAND / ORCHESTRA	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10,CWT-6	RB-4,RB-7	CLNG-5, ACT-2	PROVIDE CWT-8 BACKSPLASH
210A	CLOSET	VCT-1	PNT-1	RB-4	ACT-4	
211	MUSIC PRACTICE	ETR	PNT-1	ETR	ACT-4	
212	MUSIC CLASSROOM	VCT-1	PNT-1,PNT-10	RB-4	ACT-4	
213	BOYS' TOILET	RESIN	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	RB	ACT-3	
213A	CUSTODIAL	EPOXY	PNT-	EPOXY	-	
214	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
215	ART	VCT-1	PNT-1,PNT-2,CWT-8	RB-2,RB-4	ACT-2	PROVIDE CWT-8 BACKSPLASH
215A	KILN					
216	CLASSROOM	ETR	PNT-1	RB-6	ACT-4	
218	SE 15:1:1 CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
220	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
221	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
222	CLASSROOM	VCT-1,VCT-5,VCT-6	PNT-1,PNT-10	RB-3	ACT-4	
223A	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
223B	TOILET	PT-1	CWT-4,CWT-5,CWT-6,CWT -7,PNT-1	CWT	ACT-3	
223C	STORAGE	SC-1	PNT-5	RB-4	ACT-4	
291	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	ETR	ETR	ACT-4	
292	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	ETR BRICK,PWT-1,PNT-1	RB-5	ACT-6	
292A	CORRIDOR	VCT-1,VCT-2,VCT-3,VCT-4	PWT-1,PNT-1	PWT	ACT-6	
293	CORRIDOR	VCT -	PWT-1,PNT-1	PTB	ACT-4	
293A	STORAGE	PNT-	PNT-1	RB-4	ACT -4	
294	CORRIDOR	VCT-1,VCT-5,VCT-6	PWT-1,PNT-1	PTB	ACT-4	
295	CORRIDOR	VCT-1	PNT-1,PNT	RB-3	ACT-4	
C202	CORRIDOR					
C203	CORRIDOR	VCT -	CWT/PNT	PTB	ACT -	
ST-B	STAIR B	VCT-1	ETR BRICK,PNT-1	RB-4	ETR	
ST-C	STAIR C	VCT-1	PNT-1	RB-4	ACT-4	
THIRD FLOOR (PENTHOUSE)						
300	STAFF TOILET	ETR	ETR	ETR	ACT-4	
301	CLASSROOM	VCT-1	PNT-1	RB-4	ACT-4	
301A	CLOSET	VCT-1	PNT-1	RB-4	PNT-3	
302	CLASSROOM	VCT-1	PNT-1	RB-4	ACT-4	
302A	CLOSET	VCT-1	PNT-1	RB-4	GYP,PNT-3	
303	BILINGUAL AIS	ETR	ETR	ETR	ACT-4	
304	CLASSROOM	ETR	PNT-1	ETR	ACT-4	
305	CLASSROOM	ETR	ETR	ETR	ACT-4	

FINISH MATERIALS SCHEDULE

TAG	MATERIAL	MANUFACTURER	STYLE / TYPE	COLOR	SIZE	NOTES
CPT-2	CARPET	SHAWCONTRACT	ACCORD 5A253	TBD	12'	CARPET ROLL
LVT-1	LUXURY VINYL TILE	SHAWCONTRACT	BRANCHING OUT 5.0mm	PLAINS OAK 56250	6" x 48"	
LVT-2	LUXURY VINYL TILE	SHAWCONTRACT	COLORLINK 5.0	ROSY RED 00870	7.75" x 48"	
PT-1	PORCELAIN TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTE STABLE RECTANGLE 0052	12" X 24"	
RESIN	RESINOUS FLOORING			TBD	-	
SC-1	SEALED CONCRETE	TBD	TBD	TBD	TBD	
VCT-1	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	51899 COOL WHITE	12" X 12" X 1/8"	
VCT-2	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	59236 LINSEED	12" X 12" X 1/8"	
VCT-3	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	51880 MARASCHINO	12" X 12" X 1/8"	
VCT-4	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	57534 RUBY RED	12" X 12" X 1/8"	
VCT-5	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	57506 COLORADO SNOW	12" X 12" X 1/8"	
VCT-6	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	51938 WILLOW GREEN	12" X 12" X 1/8"	
VCT-9	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	TBD	12" X 12" X 1/8"	
VCT-10	VINYL COMPOSITE TILE	ARMSTRONG FLOORING	IMPERIAL TEXTURE	TBD	12" X 12" X 1/8"	
CWT-3	CERAMIC WALL TILE	DALTILE	COLOR WHEEL LINEAR	MATTE CURRANT SH77	8" X 24"	
CWT-4	CERAMIC WALL TILE	DALTILE	STENCIL	BERRY SC 63 MATTE	4" X 12"	INCLUDE BULLNOSE
CWT-5	CERAMIC WALL TILE	DALTILE	STENCIL	INDIGO SC38 MATTE	4" X 12"	INCLUDE BULLNOSE
CWT-6	CERAMIC WALL TILE	DALTILE	STENCIL	WHITE SC32 MATTE	4" X 12"	INCLUDE BULLNOSE IN TOILET ROOMS
CWT-7	CERAMIC WALL TILE	DALTILE	STENCIL	MINT SC37 MATTE	4" X 12"	INCLUDE BULLNOSE
CWT-8	CERAMIC WALL TILE	DALTILE	COLOR WHEEL LINEAR	MATTE CURRANT SH77	4" X 12"	
CWT-9	CERAMIC WALL TILE	TBD	TBD	TBD	TBD	
PNT-1	PAINT	BENJAMIN MOORE		855 CLOUD COVER	-	REFER TO SPEC
PNT-2	PAINT	BENJAMIN MOORE		2087-10 NEON RED	-	REFER TO SPEC
PNT-3	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-4	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-5	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-6	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-7	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-8	PAINT	BENJAMIN MOORE		TBD	-	REFER TO SPEC
PNT-9	PAINT	BENJAMIN MOORE	COLOR PREVIEW	2134-30 IRON MOUNTAIN	-	REFER TO SPEC
PNT-10	PAINT	BENJAMIN MOORE		680 OPAL ESSENCE	-	REFER TO SPEC
PNT-11	PAINT	BENJAMIN MOORE	TBD	TBD		
PWT-1	PORCELAIN WALL TILE	TRINITY TILE	MALLAM	AVORIO	12" X 24"	
PWT-2	PORCELAIN WALL TILE	TBD	TBD	TBD	TBD	
WP-1	VINYL WALL PAD	TBD	TBD	TBD	VIF	
HWC	HYGIENIC WALL COVERING			TBD	TBD	
RB	RUBBER WALL BASE	ROPPE	TBD	TBD	TBD	
RB-1	RUBBER WALL BASE	ROPPE	PINNACLE	DARK GRAY	4"	
RB-2	RUBBER WALL BASE	ROPPE	PINNACLE	186 RED	4"	
RB-3	RUBBER WALL BASE	ROPPE	PINNACLE	TBD	4"	
RB-4	RUBBER WALL BASE	ROPPE	PINNACLE	TBD	4"	
RB-5	RUBBER WALL BASE	ROPPE	PINNACLE	TBD	MATCH EXIST.	VERIFY IN FIELD
RB-6	RUBBER WALL BASE	ROPPE	PINNACLE	TBD	MATCH EXIST.	VERIFY IN FIELD
RB-7	RUBBER WALL BASE	ROPPE	PINNACLE	TBD	4"	
ACT-1	ACOUSTIC CEILING TILE	USG	MARS ACOUSTICAL PANELS - 86185, SQUARE EDGE	FLAT WHITE	24" x 24"	REFER TO SPEC
ACT-2	ACOUSTIC CEILING TILE	USG	MARS ACOUSTICAL PANELS - 86185, SQUARE EDGE	FLAT WHITE	24" x 24"	REFER TO SPEC
ACT-3	ACOUSTIC CEILING TILE	USG	MARS ACOUSTICAL PANELS - 86185, SQUARE EDGE	FLAT WHITE	24" x 48"	REFER TO SPEC
ACT-4	ACOUSTIC CEILING TILE	USG	MARS ACOUSTICAL PANELS - 86185, SQUARE EDGE	FLAT WHITE	24" x 48"	REFER TO SPEC
ACT-5	ACOUSTIC CEILING TILE	USG	MARS HEALTHCARE ACOUSTICAL PANELS - 88189, SQUARE EDGE	FLAT WHITE	24" x 48"	REFER TO SPEC
ACT-6	ACOUSTIC CEILING TILE	USG	MARS ACOUSTICAL PANELS - 86223, SQUARE EDGE	FLAT WHITE	24" X 72"	REFER TO SPEC
ACT-7	ACOUSTIC CEILING TILE	USG	MARS HIGH-NRC ACOUSTIC PANELS - 88281, SQUARE EDGE	FLAT WHITE	24" X 48"	REFER TO SPEC
CLNG-1	CEILING BLADES	ARMSTRONG	SOUNDSCAPES BLADES	WHITE	10"x94"x1 3/4" & 10"x46"x1 3/4	REFER TO SPEC
CLNG-2	CEILING BLADES	ARMSTRONG	SOUNSCAPES BLADES	LIGHT GRAY	10"x94"x1 3/4" & 10"x46"x1 3/4	REFER TO SPEC
CLNG-3	CEILING BLADES	ARMSTRONG	SOUNDSCAPES BLADES	SANDSTONE	10"x94"x1 3/4" & 10"x46"x1 3/4	REFER TO SPEC
CLNG-4	ACOUSTIC CEILING	ARMSTRONG	SOUNDSCAPES SHAPES	WHITE	10"x94"x1 3/4" & 10"x46"x1 3/4	REFER TO SPEC
CLNG-5	CEILING BAFFLES	WENGER	TYPE I CONVEX	WHITE	24" x 48"	REFER TO SPEC
TR-1	STAIR TREADS	ROPPE	80 TREAD	TBD		
P-LAM	PLASTIC LAMINATE	WILSONART	TBD	TBD		
P-LAM-1	PLASTIC LAMINATE	WILSONART		7992 PINNACLE WALNUT	-	
P-LAM-2	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE / MATTE	KENSINGTON MAPLE 10776-60	-	
P-LAM-3	PLASTIC LAMINATE	WILSONART	TRACELESS / ULTRA MATTE FINGERPRINT RESISTANT	LINEN VELVET 15511	-	
P-LAM-4	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE / MATTE	HOLLYBERRY D307-60	-	
P-LAM-5	PLASTIC LAMINATE	WILSONART	GLOSS LINE FINISH	PHANTOM PEARL 8211K-28	-	
P-LAM-6	PLASTIC LAMINATE	WILSONART	FINE VELVET FINISH	SHEER MESH 4876-38	-	
P-LAM-7	PLASTIC LAMINATE	WILSONART	MATTE FINISH	SLATE GREY D91-60	-	
SS-1	SOLID SURFACE	CORIAN	-	TBD	-	
SS-2	SOLID SURFACE	CORIAN	-	LINEN	-	
SS-3	SOLID SURFACE	CORIAN	-	TBD	-	
SS-4	SOLID SURFACE	CORIAN	-	TBD	-	
GB	GLASS WRITING BOARD	AARCO	RITE WALL GLASS	TBD	SEE ELEVATIONS	
PB	PIN-UP BOARD	EZO BORD	TAC PANELS	TBD	SEE ELEVATIONS	
WB	WHITEBOARD	CLARIDGE PRODUCRS & EQUIPMENT, INC.	LCS DELUXE UNITS	-	SEE ELEVATIONS	

SPECIALTY EQUIPMENT LEGEND		
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.

Public Schools of the Tarrytowns

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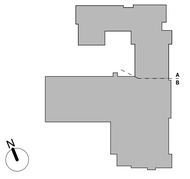
BRIDGEWATER, MA. 02324

SEAL

ISSUED FOR BID 03/27/2026
ISSUE DATE

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

FINISH SCHEDULES

AF001

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WALL FINISH
BASE FINISH
FLOOR FINISH
CEILING FINISH

INTERIOR FINISH TAG

FINISH PLAN LEGEND

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- VCT-1
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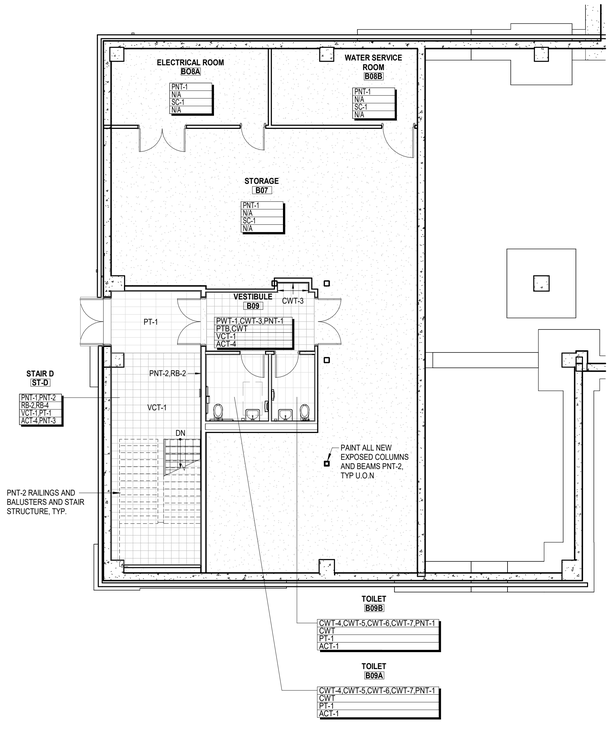
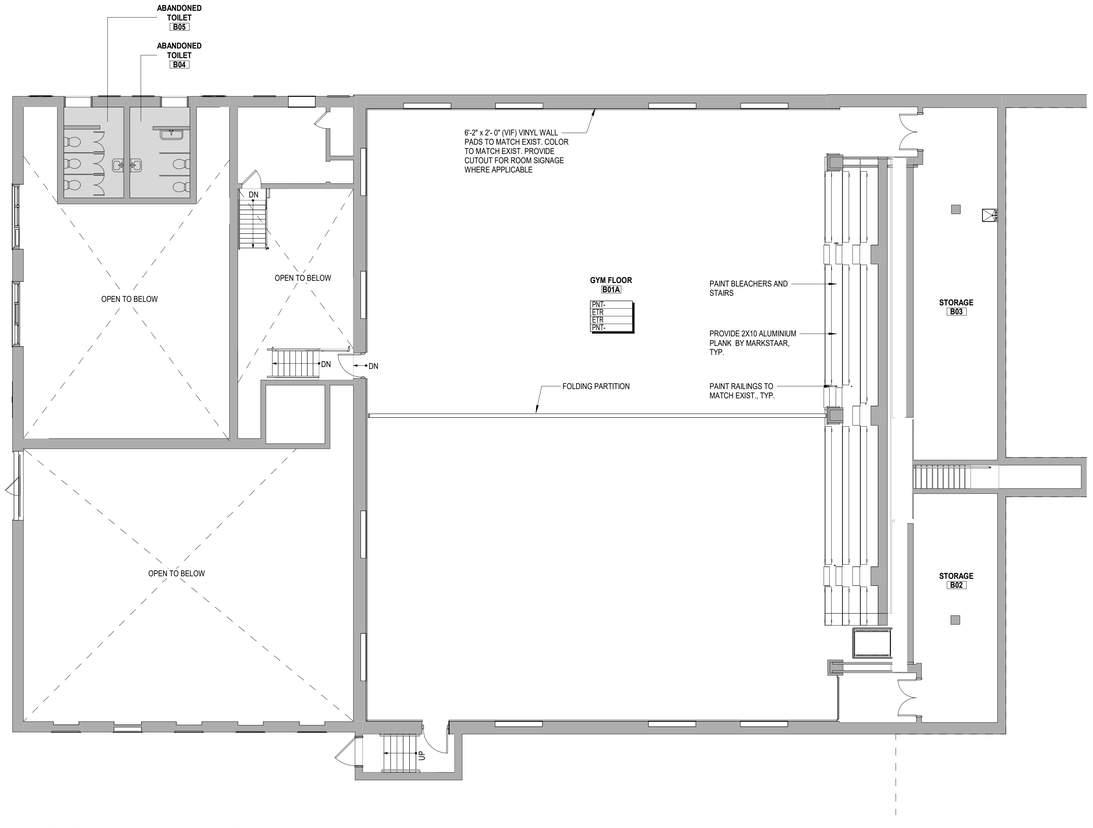


BASEMENT FINISH PLAN - AREA A

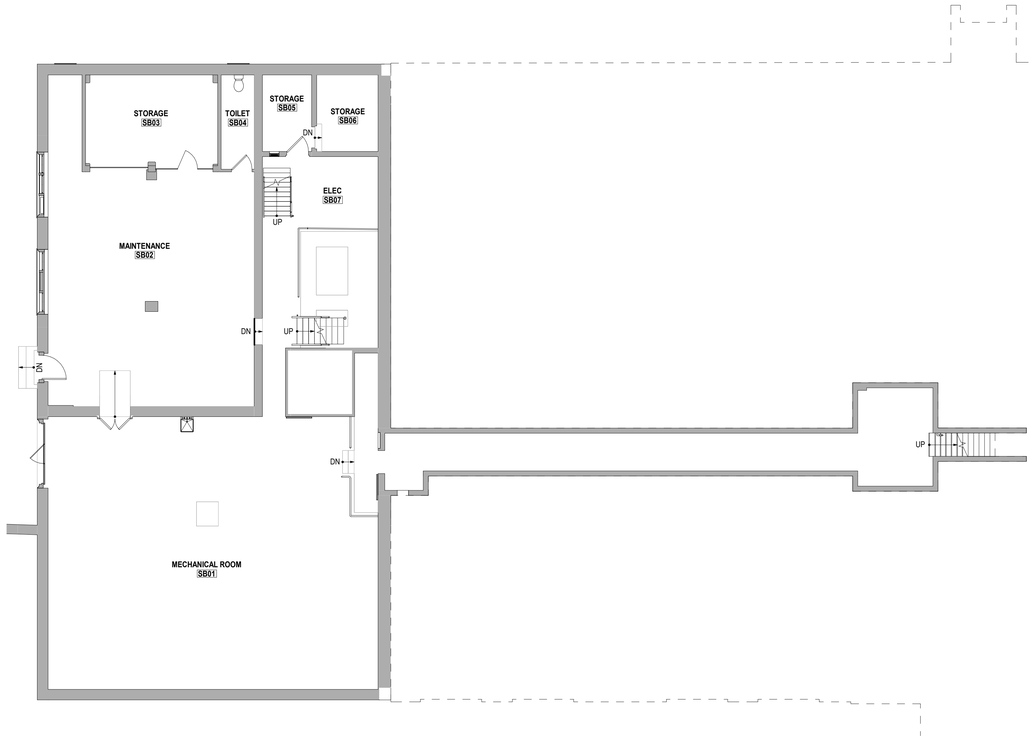
1/8" = 1'-0"



BASEMENT FINISH PLAN - AREA B

1/8" = 1'-0"

11



SUB-BASEMENT FINISH PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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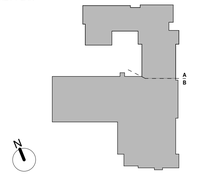

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FINISH PART PLAN - SUB/BASEMENT AREA A AND B

AF100-AB

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BASE FINISH
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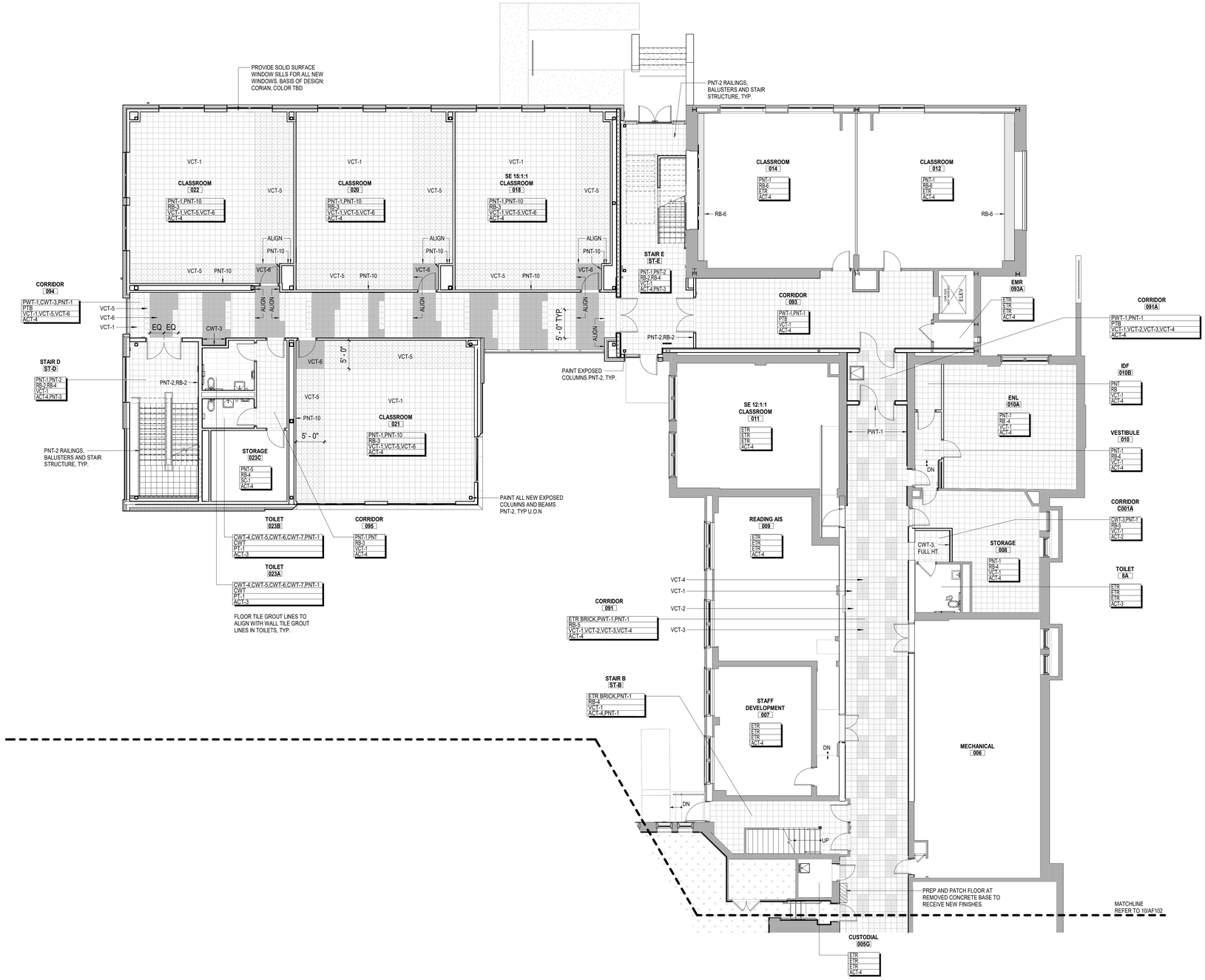

GROUND FLOOR FINISH PLAN - AREA A

1/8" = 1'-0"

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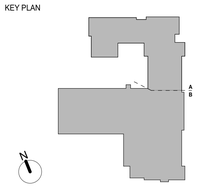

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FINISH PART PLAN - GROUND FLOOR AREA A

AF101-A

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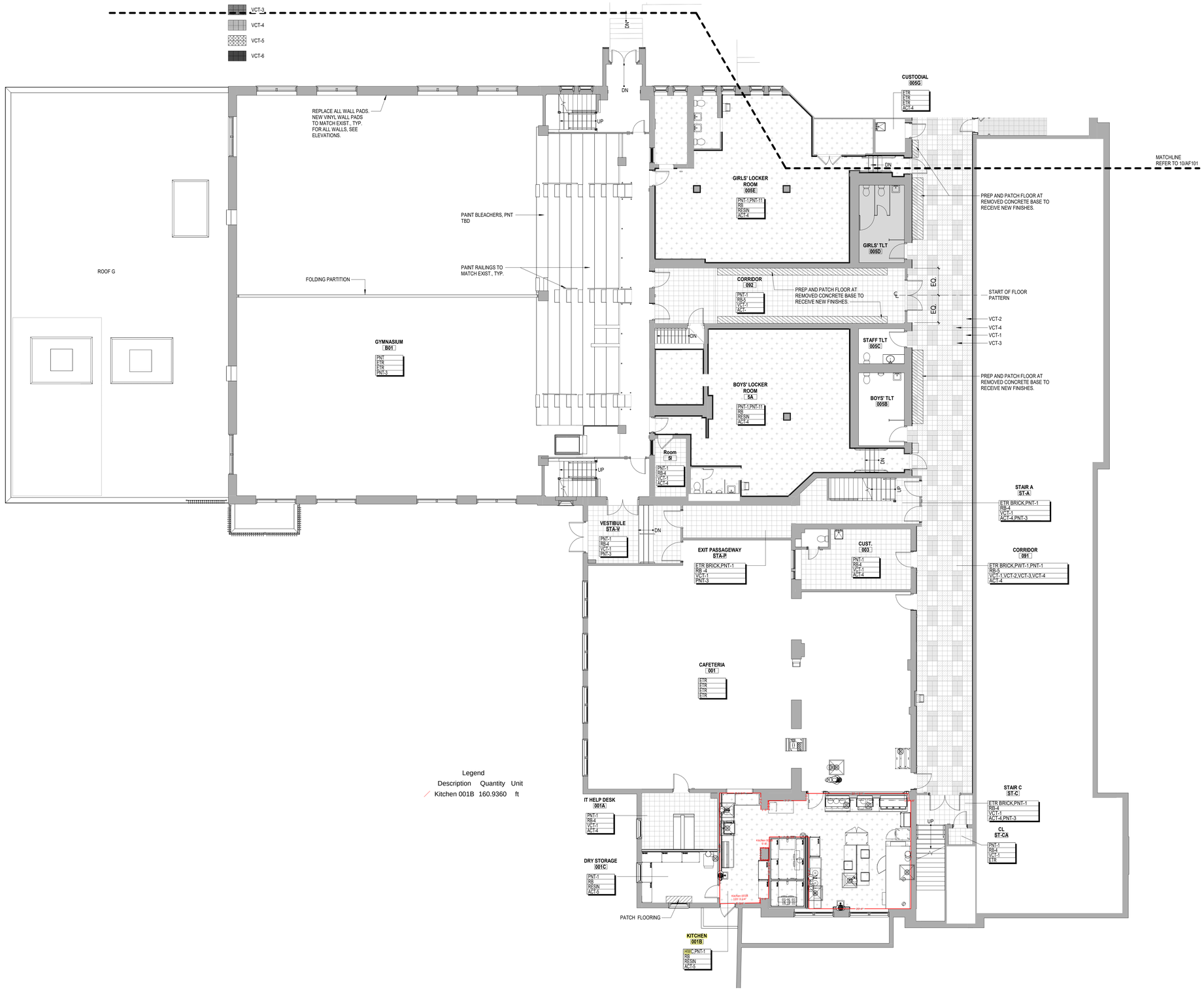

Legend

Description	Quantity	Unit
Kitchen 001B	160.9360	ft

GROUND FLOOR FINISH PLAN - AREA B

1/8" = 1'-0"

10

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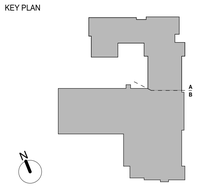

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FINISH PART PLAN - GROUND FLOOR AREA B

AF101-B

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FIRST FLOOR FINISH PLAN - AREA A

1/8" = 1'-0"

Public Schools of the Tarrytowns

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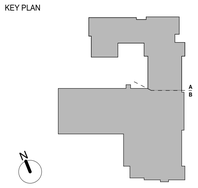

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FINISH PART PLAN - FIRST FLOOR AREA A

AF102-A

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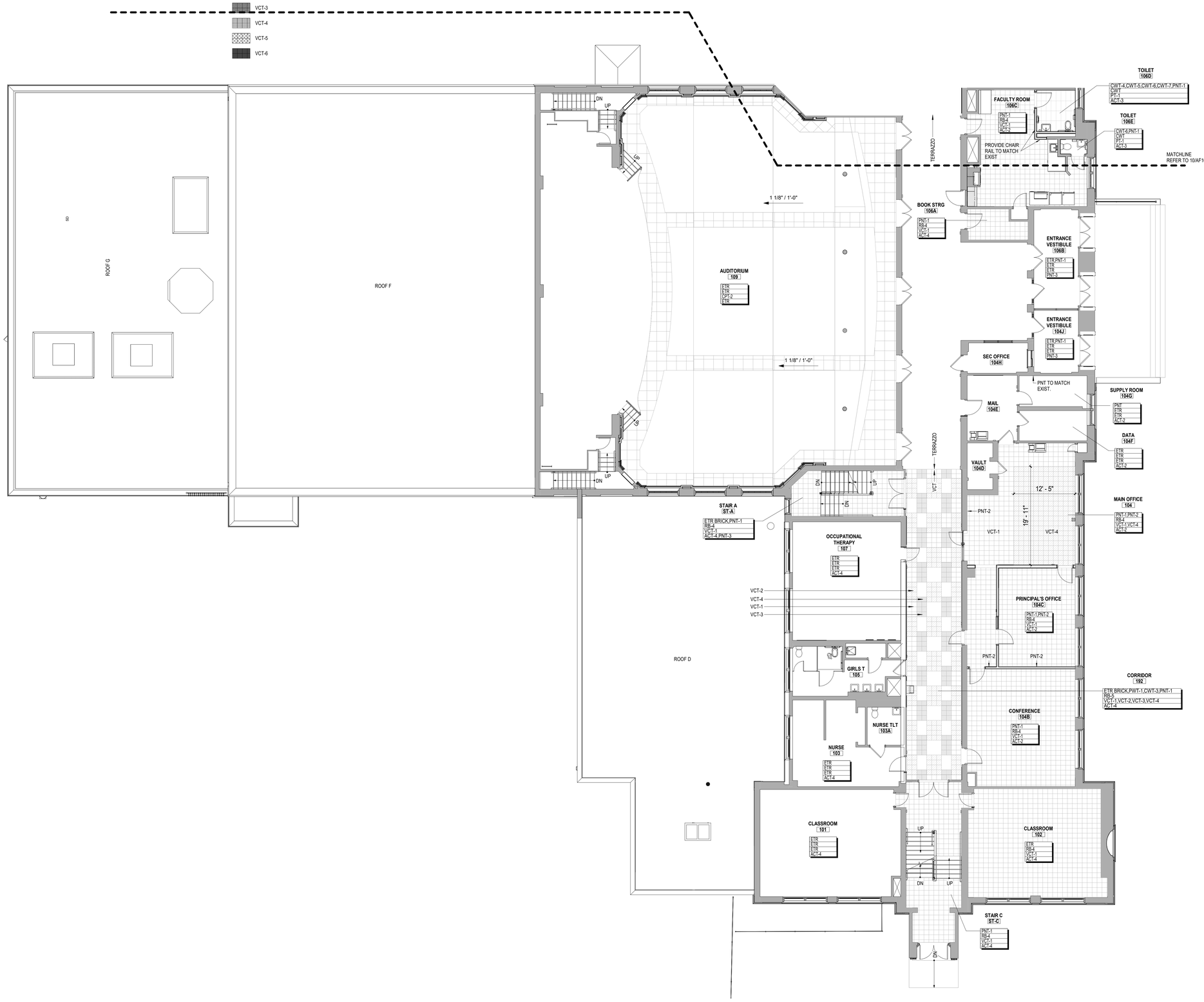

FIRST FLOOR FINISH PLAN - AREA B

1/8" = 1'-0"

10

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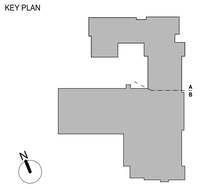

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FINISH PART PLAN - FIRST FLOOR AREA B

AF102-B

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E. FOR ROOMS WHERE MULTIPLE FINISHES ARE INDICATED ON FINISH TAG, ALL FINISHES SHALL BE USED EVERYWHERE, EXCEPT AS INDICATED ON FINISH PLANS

F. ALL EXPOSED COLUMNS AND BEAMS TO BE PAINTED PNT-2

G. PROVIDE SOLID SURFACE WINDOW SILLS FOR ALL NEW WINDOWS

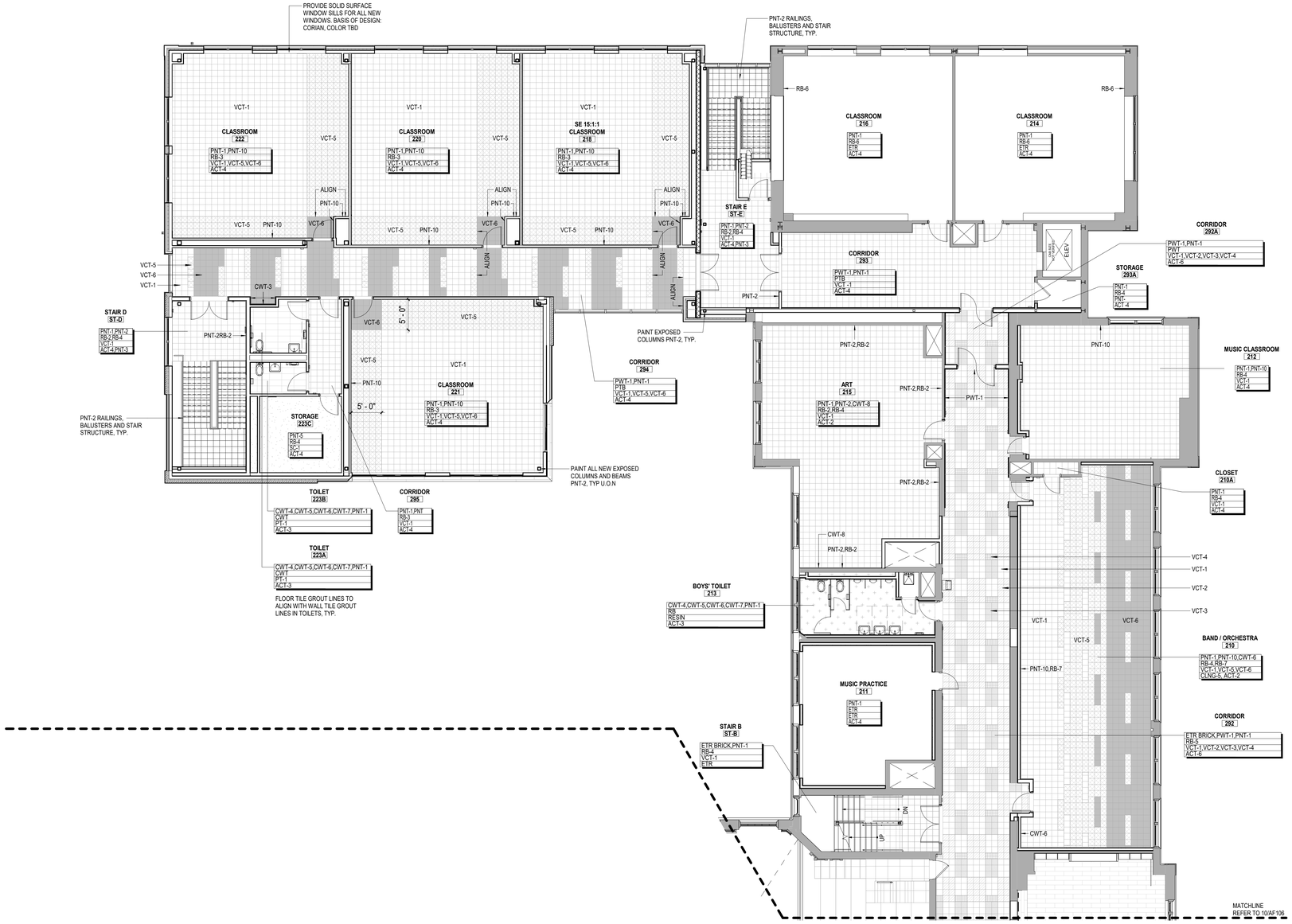
FINISH TAG LEGEND

WALL FINISH
BASE FINISH
FLOOR FINISH
CEILING FINISH

INTERIOR FINISH TAG

FINISH PLAN LEGEND

- NOT IN SCOPE
- RESINOUS FLOORING
- SEALED CONCRETE
- VCT-1
- VCT-2
- VCT-3
- VCT-4
- VCT-5
- VCT-6



SECOND FLOOR FINISH PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

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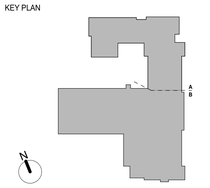
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

FINISH PART PLAN - SECOND FLOOR AREA A

AF103-A

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SHEET NOTES

A. REFER TO FINISH SCHEDULE ON AF001.

B. MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCE TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY, AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.

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SECOND FLOOR FINISH PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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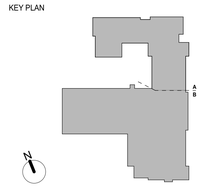

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FINISH PART PLAN - SECOND FLOOR AREA B

AF103-B

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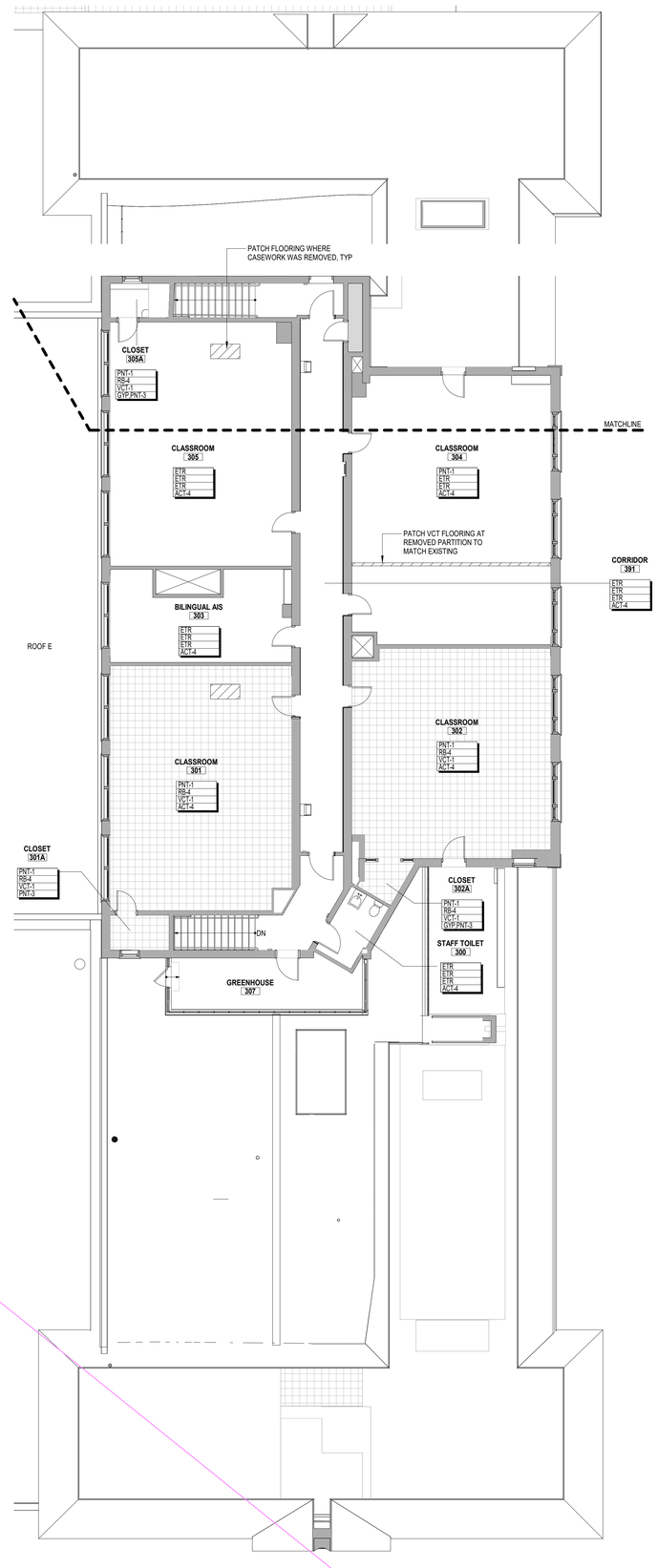

THIRD FINISH PLAN - AREA A AND B

1/8" = 1'-0"

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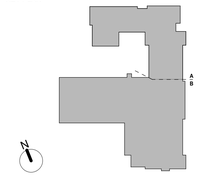

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MEMASI PROJECT NO. 101 - 2403

FINISH PART PLAN - THIRD FLOOR AREA A AND B

AF104-AB

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DESIGN DATA

DESIGN CODE:		2025 BUILDING CODE OF NEW YORK STATE (BCNYS)
RISK CATEGORY:		III
EXPOSURE CATEGORY:		C
SITE BASE ELEVATION:		135 ft
LATERAL (SEISMIC/WIND) FORCE-RESISTING SYSTEM:		
NORTH-SOUTH:		STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
EAST-WEST:		STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
SNOW AND RAIN LOADS	GROUND SNOW LOAD (Pg):	61 psf
	FLAT ROOF SNOW LOAD (Pf):	49 psf
	EXPOSURE FACTOR (Ce):	1.0
	THERMAL FACTOR (Ct):	1.15 (FLAT ROOF) 1.2 (HIP ROOF)
	SNOW IMPORTANCE FACTOR (Is):	NOT APPLICABLE
	SLOPE FACTOR (Cs):	1.0
	SLOPED ROOF SNOW LOAD (Ps):	52 psf
	WINTER WIND PARAMETER (W2):	0.55
	FLAT ROOF SNOW LOAD AT EXTERIOR CANOPY (Pf), Ct = 1.2:	52 psf
	RAIN LOAD (5.65 INCHES OF ACCUMULATION):	29 psf
	15-MIN RAIN INTENSITY:	6.08 in/hr
	60-MIN RAIN INTENSITY:	2.66 in/hr
	A CODE COMPLIANT SECONDARY DRAINAGE SYSTEM SHALL BE PROVIDED TO LIMIT THE ACCUMULATED DEPTH OF WATER TO AMOUNT NOTED OR LESS.	
	RAIN-ON-SNOW SURCHARGE LOAD:	NOT APPLICABLE
	DRIFTED, UNBALANCED, AND SLOPED ROOF SLIDING SNOW IN ACCORDANCE WITH ASCE 7-22. SEE 1/S001 FOR SNOW LOADING DIAGRAM.	
WIND LOADS	MAIN WIND FORCE RESISTING SYSTEM HAS BEEN DESIGNED TO ASCE 7-22, AS REFERENCED IN 2025 BCNYS SECTION 1609.1 USING THE FOLLOWING PROCEDURE: DIRECTIONAL PROCEDURE PART I (ASCE 7-22, SECTION 27.2)	
	ULTIMATE WIND SPEED (3-SECOND GUST) (Vult):	125 mph
	NOMINAL WIND SPEED (3-SECOND GUST) (Vasd):	96.8 mph
	ENCLOSURE CLASSIFICATION:	ENCLOSED
	DIRECTIONALITY FACTOR (Kd):	0.85
	TOPOGRAPHIC FACTOR (Kzt):	1.00
	GROUND ELEVATION FACTOR (Ke):	1.00
	HEIGHT OF MAIN ROOF:	58 ft
	GUST-EFFECT FACTOR (G):	0.85
	INTERNAL PRESSURE COEFFICIENT (GCpi):	(±0.18)
	WIND DESIGN BASE SHEAR (V):	145k (N-S) DIRECTION
		90k (E-W) DIRECTION
	SEE 2/S001 FOR ADDITIONAL WIND LOAD DATA FOR ROOFS, OVERHANGS, COMPONENTS AND CLADDING, ROOF-TOP STRUCTURES, CANOPIES, AND PARAPETS. NET UPLIFT LOAD ON ROOF FRAMING COMPONENTS SHALL BE DETERMINED BY DEDUCTING 15 psf DEAD LOAD FROM THE TABULATED ROOF WIND LOADS FOR COMPONENTS AND CLADDING. NET UPLIFT VALUE SHALL BE A MINIMUM OF 10 psf.	
TORNADO LOADS	TORNADO SPEED (Vt):	50 mph
	EFFECTIVE PLAN AREA (Ae):	5900 ft²
	TORNADO INTERNAL PRESSURE COEFFICIENT (GC_{pi}):	± 0.18
SEISMIC LOADS	SITE CLASS:	C
	SEISMIC IMPORTANCE FACTOR (Ie):	1.25
	SHORT-PERIOD MAPPED SPECTRAL RESPONSE (Ss):	0.28
	ONE-SECOND MAPPED SPECTRAL RESPONSE (S1):	0.051
	SHORT-PERIOD DESIGN ACCELERATION (Sds):	0.19
	ONE-SECOND DESIGN ACCELERATION (Sd1):	0.044
	MAPPED LONG-PERIOD TRANSITION PERIOD (TL):	6 sec
	SEISMIC DESIGN CATEGORY:	B
	ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE
	RESPONSE MODIFICATION COEFFICIENT (R):	3 (N-S) DIRECTION
		3 (E-W) DIRECTION
	SEISMIC RESPONSE COEFFICIENT (Cs):	0.027 (N-S) DIRECTION
		0.027 (E-W) DIRECTION
	SEISMIC DESIGN BASE SHEAR (V):	39k (N-S) DIRECTION
		39k (E-W) DIRECTION
FLOOD LOADS		NOT APPLICABLE (FLOOD ZONE X)

CODE COMPLIANCE FOR EXISTING STRUCTURES

DESIGN CODE:	2025 EXISTING BUILDING CODE OF NEW YORK STATE (EBCNYS)
COMPLIANCE METHOD:	WORK AREA
CLASSIFICATION OF WORK:	ALTERATION - LEVEL 2, ADDITION

EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENTS HAVE BEEN EVALUATED TO CARRY THE GRAVITY LOADS REQUIRED BY THE BCNYS FOR NEW STRUCTURES IF THE ADDITION AND/OR ALTERATION CAUSES AN INCREASE IN THE DESIGN DEAD, LIVE, OR SNOW LOAD, INCLUDING SNOW DRIFT EFFECTS, OF MORE THAN 5 PERCENT OR THE CAPACITY OF ANY EXISTING GRAVITY LOAD-CARRYING STRUCTURAL ELEMENT IS DECREASED AS PART OF THE ADDITION AND/OR ALTERATION.

EXISTING LATERAL LOAD-CARRYING STRUCTURAL ELEMENTS HAVE BEEN EVALUATED FOR 2025 BCNYS WIND LOADS AND REDUCED BCNYS-LEVEL SEISMIC LOADS.

REFERENCED STANDARDS TABLE

REFERENCE TITLE	EDITION	ABBREVIATION ELSEWHERE IN DRAWINGS
ACI BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE	ACI 318-19	ACI 318
ASCE MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDING AND OTHER STRUCTURES	ASCE 7-22	ASCE 7
BUILDING CODE REQUIRMENTS FOR MASONRY STRUCTURES	TMS 402-22	TMS 402
SPECIFICATION FOR MASONRY STRUCTURES	TMS 602-22	TMS 602
NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS	AISI S100-16	AISI S100
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION	NDS-2024	NDS
SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS	AISC 341-22	AISC 341
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS	AISC 360-22	AISC 360

NOTES:
1. ALL OTHER STANDARDS TO BE IN ACCORDANCE WITH 2025 BUILDING CODE OF NEW YORK STATE, CHAPTER 35.
2. STRUCTURAL DELEGATED DESIGN AND NON-STRUCTURAL COMPONENT DESIGN ITEMS TO BE IN ACCORDANCE WITH STANDARDS IN THIS TABLE.

LOADING SCHEDULE

OCCUPANCY OR USE	SUPERIMPOSED DEAD LOAD (psf)	LIVE LOAD		LIVE LOAD REDUCTION
		UNIFORM (psf)	CONCENTRATED (lbs)	
FIRST FLOOR CORRIDORS	15 (5)	100	1,000	NO
CORRIDORS ABOVE FIRST FLOOR	15 (5)	80	1,000	NO
CLASSROOMS AND AREAS SERVED	15 (5)	40	1,000	NO
STAIRS	15 (5)	100	300	NO
ROOF	20 (5)	20	300	NO

NOTES:
1. FLOORS HAVE BEEN DESIGNED TO SUPPORT THE UNIFORMLY DISTRIBUTED LIVE LOADS OR THE CONCENTRATED LIVE LOADS NOTED ABOVE, WHICHEVER PRODUCE THE GREATER LOAD EFFECTS.
2. CONCENTRATED LIVE LOAD: UNIFORMLY DISTRIBUTED OVER AN AREA 2.5 FEET SQUARE (6.25 SQUARE FEET) AND LOCATED SO AS TO PRODUCE THE MAXIMUM LOAD EFFECTS IN THE STRUCTURAL MEMBERS.
3. SUPERIMPOSED DEAD LOAD DOES NOT INCLUDE SELF-WEIGHT OF THE STRUCTURE (BEAMS, COLUMNS, SLABS, METAL DECK, ETC)
4. LOAD IN ( ) IS PORTION OF SUPERIMPOSED DEAD LOAD CONSIDERED FOR MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT SUSPENDED FROM STRUCTURAL FRAMING.
5. DO NOT SUSPEND CONCENTRATED LOADS FROM BARE METAL DECK.
6. SEE PLAN FOR LOCATIONS AND WEIGHTS OF LARGE EQUIPMENT. WEIGHT OF THIS EQUIPMENT IS IN ADDITION TO THE UNIFORM LOADS INDICATED ABOVE.

MATERIAL STRENGTHS TABLE

CONCRETE

CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED.
SEE SPECIFICATIONS FOR SLUMP AND OTHER REQUIREMENTS.

INTENDED USE		28-DAY STRENGTH f'_c (psi)	EXPOSURE CATEGORY	MAX WATER/ CEMENT RATIO	ENTRAINED AIR (%)	OTHER REQUIREMENTS
FOOTINGS, PILE/PIER CAPS, MISCELLANEOUS		3,000	F0,S0,W0,C1	0.55	N/A	
DRILLED PIERS		4,000	F0,S0,W0,C1	0.55	N/A	
PIERS, FOUNDATION WALLS, RETAINING WALLS, GRADE BEAMS		4,500	F2,S0,W0,C1	0.45	5.5±1.5	
SLABS ON GRADE	INTERIOR	4,000	F0,S0,W0,C0	0.50	SEE NOTE 3	
	EXTERIOR	5,000	F3,S0,W0,C2	0.40	6.0±1.5	
SLABS ON METAL DECK	NORMAL WEIGHT	4,000	F0,S0,W0,C0	0.50	SEE NOTE 3	
	LIGHT WEIGHT	4,000	F0,S0,W0,C0	0.50	5.5±1.5	
STRUCTURAL SLABS (ELEVATED), BEAMS, COLUMNS, SHEAR WALLS		5,000	F0,S0,W0,C0	0.45	N/A	
MUD MATS (LEAN CONCRETE)		2,500	F0,S0,W0,C1	0.65	N/A	

MASONRY

CONCRETE MASONRY UNITS	ASTM C90 WITH AVERAGE NET COMPRESSIVE STRENGTH OF 2,000 psi
CLAY BRICK	ASTM C216, TYPE FBS, GRADE SW
MORTAR	ASTM C270, TYPE S
GROUT	ASTM C476, COMPRESSIVE STRENGTH OF 2,500 psi, 8 TO 11-INCH SLUMP

REINFORCING STEEL FOR CONCRETE AND MASONRY

UNCOATED DEFORMED BARS	ASTM A615, GRADE 60
WELDABLE DEFORMED BARS	ASTM A706
EPOXY-COATED DEFORMED BARS	ASTM A775
GALVANIZED DEFORMED BARS	ASTM A767, CLASS I
STAINLESS-STEEL DEFORMED BARS	ASTM A995
WELDED WIRE REINFORCEMENT	ASTM A1064, GRADE 60

STRUCTURAL STEEL

STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED, SEE SPECIFICATIONS.
FOR CONNECTIONS PROVIDE HIGHER GRADE AS REQUIRED.

ANCHOR RODS	ASTM F1554, GRADE 36 OR 55
HIGH-STRENGTH BOLTS	ASTM F3125, GRADE A325 OR A490, TYPE 1, PLAIN
ROLLED-STEEL ANGLES, C, MC, S, M, ST AND MT SHAPES	ASTM A572, GRADE 50
ROLLED-STEEL PLATES AND BARS	ASTM A572, GRADE 50
ROLLED-STEEL W AND WT SHAPES	ASTM A992
ROLLED-STEEL HP SHAPES	ASTM A572, GRADE 50
STEEL PIPE	ASTM A53, TYPE E OR S, GRADE B
HOLLOW STRUCTURAL SECTIONS (HSS)	ASTM A500, GRADE C
HEADED STUD ANCHOR	ASTM A108, TYPE B

COLD-FORMED METAL FRAMING

ALL FRAMING TO BE GALVANIZED, SEE SPECIFICATIONS.

MATERIAL THICKNESS TO 43 MIL	ASTM A1003, GRADE 33, MIN G60 COATING
MATERIAL THICKNESS 54 MIL TO 118 MIL	ASTM A1003, GRADE 50, MIN G60 COATING

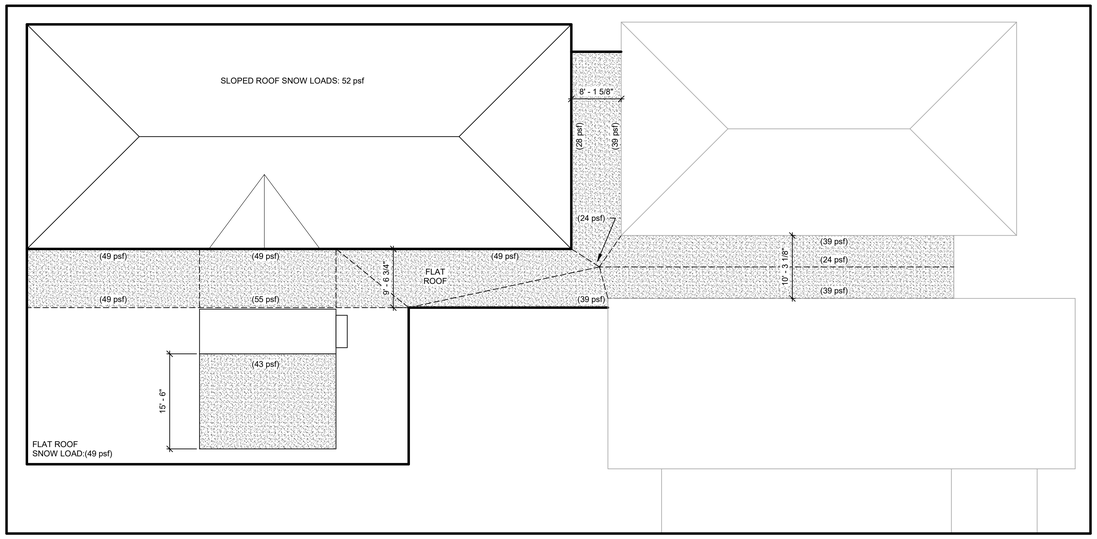
NOTES:
1. USE MATERIAL STRENGTHS LISTED ABOVE UNLESS NOTED OTHERWISE ON THE DRAWINGS.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. DO NOT ADD AIR ENTRAINING ADMIXTURE, ENTRAPPED AIR FROM MIXING ONLY.

GEOTECHNICAL DESIGN PARAMETERS

ALLOWABLE NET SOIL BEARING PRESSURE (ON UNDISTURBED MATERIAL OR COMPACTED STRUCTURAL FILL)	2,500 psf
BACKFILL DENSITY (γ)	140 pcf
ANGLE OF INTERNAL FRICTION	30°
ACTIVE EARTH PRESSURE COEFFICIENT (Ka)	0.333
AT-REST EARTH PRESSURE COEFFICIENT (Ko)	0.500
PASSIVE EARTH PRESSURE COEFFICIENT (Kp)	3.00
SLIDING FRICTION COEFFICIENT (μ) (ON UNDISTURBED MATERIAL OR COMPACTED STRUCTURAL FILL)	0.35

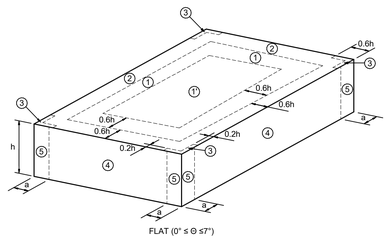
EARTH PRESSURE COEFFICIENTS ABOVE ARE RANKINE EARTH PRESSURE COEFFICIENTS FOR LEVEL BACKFILL PLACED IN A FULLY DRAINED CONDITION.

FOUNDATION DESIGN BASED ON RECOMMENDATIONS INCLUDED IN "REPORT OF GEOTECHINCAL INVESTIGATION, WASHINGTON IRVING INTERMEDIATE SCHOOL, PROPOSED ADDITION AND SITE IMPROVEMENTS, 103 SOUTH BROADWAY, TARRYTOWN, WESTCHESTER COUNTY, NEW YORK", PREPARED BY WHITESTONE ASSOCIATES ENGINEERING AND GEOLOGY NY, PLLC, PROJECT NUMBER GJ2422051.Y00, DATED OCTOBER 1, 2024.

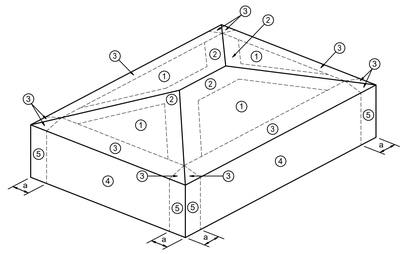


1 S001 SNOW DRIFT LOAD
SCALE: 1" = 10'-0"

NOTES:
1. - DENOTES DRIFTED SNOW LOADS IN ADDITION TO FLAT SNOW LOADS SHOWN.
2. SEE PLAN, DRIFTED SNOW LOAD, SEE PLAN (PSF), FLAT SNOW LOAD



FLAT (0° ≤ Θ ≤7°)



HIP ROOF (7°< Θ ≤ 45°)

2 S001 COMPONENTS AND CLADDING WIND PRESSURE ZONE DESIGNATIONS
NOT TO SCALE
NOTE:
a = 7' - 6"

DESIGN WIND PRESSURES FOR EXTERIOR COMPONENTS AND CLADDING MATERIALS (FLAT)

SURFACE		EFFECTIVE WIND AREA (ft²)									
		10		20		50		100		200		500	
ROOFS	ZONE 1'	+18.2	-41.0	+17.1	-41.0	+16.0	-41.0	+16.0	-41.0	+16.0	-35.3	+16.0	-27.7
	ZONE 1		-71.3		-66.7		-60.4		-55.7		-51.0		-44.8
	ZONE 2		-94.1		-88.1		-80.1		-74.0		-68.0		-60.0
	ZONE 3		-128.0		-116.2		-100.2		-88.1		-76.0		-60.0
WALLS	ZONE 4	+44.8	-48.6	+42.8	-46.6	+40.1	-43.9	+38.1	-41.9	+36.1	-39.9	+33.4	-37.2
	ZONE 5		-60.0		-55.9		-50.6		-46.6		-42.5		-37.2

NOTES:
1. ULTIMATE DESIGN WIND PRESSURES ARE INDICATED (LRFD).
2. POSITIVE PRESSURES ACT TOWARDS THE SURFACE, NEGATIVE PRESSURES ACT AWAY FROM SURFACE.

DESIGN WIND PRESSURES FOR EXTERIOR COMPONENTS AND CLADDING MATERIALS (HIP)

SURFACE		EFFECTIVE WIND AREA (ft²)									
		10		20		50		100		200		500	
ROOFS	ZONE 1	+30.6	-58.4	+26.4	-50.0	+20.9	-39.0	+16.7	-30.6	+16.7	-30.6	+16.7	-30.6
	ZONE 1 INTERIOR OVERHANGS		-93.1		-82.9		-69.4		-59.2		-57.4		-54.9
	ZONE 2		-68.8		-58.4		-44.5		-34.1		-34.1		-34.1
	ZONE 2 INTERIOR OVERHANGS		-103.6		-91.3		-75.0		-62.7		-60.8		-58.4
	ZONE 3		-89.7		-75.0		-55.7		-41.0		-41.0		-41.0
	ZONE 3 INTERIOR OVERHANGS		-124.4		-107.9		-86.1		-69.6		-67.8		-65.3
WALLS	ZONE 4	+41.0	-44.5	+39.2	-42.6	+36.7	-40.2	+34.9	-38.4	+33.0	-36.5	+30.6	-34.1
	ZONE 5		-54.9		-51.2		-46.3		-42.6		-38.9		-34.1

NOTES:
1. ULTIMATE DESIGN WIND PRESSURES ARE INDICATED (LRFD).
2. POSITIVE PRESSURES ACT TOWARDS THE SURFACE, NEGATIVE PRESSURES ACT AWAY FROM SURFACE.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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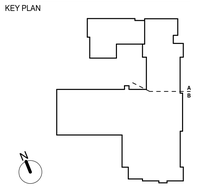
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01- 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DESIGN DATA AND GENERAL NOTES

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GENERAL NOTES

1. THIS PROJECT INCLUDES STRUCTURAL MODIFICATIONS TO AN EXISTING BUILDING. EXISTING STRUCTURE REPRESENTED IN DRAWINGS IS BASED ON INFORMATION OBTAINED FROM AVAILABLE HISTORICAL DOCUMENTS OF ADDITION AND LIMITED OBSERVATIONS OF EXISTING CONSTRUCTION. EXISTING STRUCTURE AND DIMENSIONS TO, OF, AND WITHIN THE EXISTING STRUCTURE SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
2. THIS PROJECT INCLUDES AN ADDITION TO AN EXISTING BUILDING. PROPER LAYOUT OF THE ADDITION REQUIRES EXISTING BUILDING DIMENSIONS AND GEOMETRY TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. PRIOR TO COMPLETION OF SHOP DRAWINGS, DIMENSIONS AND ALIGNMENT AT BUILDING INTERFACES ARE APPROVED BY THE EXISTING BUILDING STRUCTURE AND EXTERIOR FAÇADE MAY NOT BE STRAIGHT, CORNERS MAY NOT BE SQUARE, AND WALLS MAY NOT BE PLUMB. OFFSET DIMENSIONS SHOWN ARE THE MINIMUM DIMENSIONS REQUIRED TO PROVIDE THE INTENDED ALIGNMENT OF THE ADDITION WITH RESPECT TO THE EXISTING STRUCTURE.
3. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN DIMENSIONS BETWEEN EXISTING CONDITIONS AND/OR ARCHITECTURAL DRAWINGS AND THE STRUCTURAL DRAWINGS.
4. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
5. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
6. THE NOTES IN THIS DRAWING ARE TYPICAL UNLESS OTHERWISE INDICATED.
7. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION OF CONSTRUCTION AND TO SUPPORT ONLY THE DESIGN LOAD INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, SEQUENCE OF CONSTRUCTION, AND FOR THE ADEQUACY OF THE STRUCTURE TO SUPPORT TEMPORARY LOADS OCCURRING DURING CONSTRUCTION. TEMPORARILY BRACE BUILDING UNTIL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: FLOOR DECK, ROOF DECK AND BRACING MEMBERS.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR EQUIPMENT SHOWN IN THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTED BY ENGINEER.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR DAMAGES WHICH MIGHT OCCUR AS A RESULT OF FAILING TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
10. COORDINATE NUMBER AND LOCATION OF ROOF DRAINS AND OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
11. DO NOT SUSPEND MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS FROM ROOF DECK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR HANGERS AND SUPPLEMENTAL FRAMING REQUIRED TO ATTACH THESE ITEMS TO THE MAIN ROOF FRAMING.
12. LOCATE REINFORCEMENT IN EXISTING STRUCTURAL CONCRETE SLABS, WALLS, BEAMS, JOISTS, AND COLUMNS USING NON-DESTRUCTIVE METHODS PRIOR TO DRILLING HOLES FOR POST-INSTALLED ANCHORS. DO NOT DRILL INTO AND DAMAGE EXISTING REINFORCEMENT. NOTIFY ENGINEER IF ANCHOR LOCATIONS CONFLICT WITH EXISTING REINFORCEMENT.
13. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR CONSTRUCTION SAFETY.

GENERAL SCAFFOLDING NOTES

1. SCAFFOLDING SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE AND RETAINED BY THE CONTRACTOR. SUBMIT SEALED DRAWINGS AND CALCULATIONS TO ENGINEER (CONSULTANT) AND BUILDING OWNER FOR REVIEW. THE CONTRACTOR'S ENGINEER IS THE "DELEGATED DESIGN ENGINEER" (DDE).
2. COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR SCAFFOLDING.
3. SCAFFOLDING TO BE DESIGNED FOR MEDIUM DUTY USE.
4. SCAFFOLDING SHALL BE DESIGNED TO MEET OR EXCEED OSHA REGULATIONS FOR LOADS IMPOSED AND LATERAL TIE-IN REQUIREMENTS.
5. THE DESIGN OF SCAFFOLDING MUST INCLUDE PROVISIONS SUCH AS TOE PLATES AND NETTING WHICH REDUCE THE RISK OF FALLING MATERIALS AND/OR DEBRIS.
6. WORKING DECKED LEVELS OF SCAFFOLDS SHALL BE FULLY PLANKED OR DECKED BETWEEN THE FRONT UPRIGHTS AND THE GUARDRAIL SUPPORTS. EACH DECKED LEVEL SHALL BE INSTALLED SO THAT THE SPACE BETWEEN ADJACENT UNITS AND THE SPACE BETWEEN THE PLATFORM AND THE UPRIGHTS IS NO MORE THAN 1 INCH WIDE, EXCEPT WHERE DEMONSTRATED THAT A WIDER SPACE IS NECESSARY.
7. WORKING PLATFORMS OR DECKED LEVELS 10 FEET OR MORE ABOVE THE GROUND REQUIRE GUARDRAILS, MIDRAILS, AND TOEBOARDS. SEE OSHA 1926.451 FOR ADDITIONAL INFORMATION.
8. SCAFFOLDING IS TO BE INSPECTED BY A COMPETENT PERSON UPON COMPLETION OF INSTALLATION, PRIOR TO EACH SHIFT, AND AFTER AN ADJUSTMENT OR REPAIR. INSPECTION IS TO INCLUDE ALL COMPONENTS, ATTACHMENTS, SUPPORTS, AND ANCHORAGES.
9. STORAGE IS NOT ALLOWED ON SCAFFOLDING OR ON GROUND WITHIN SCAFFOLD AREA.
10. CONSULT WITH THE ENGINEER OF RECORD FOR THE PROJECT REGARDING APPROPRIATE PROTECTION FOR EXISTING ROOF SURFACES IF SCAFFOLD IS TO BE SUPPORTED ON ROOFS, AND FOR MEANS OF THE SCAFFOLD TIE-INS.
11. PROVIDE SCAFFOLDING STAIRS IN LIEU OF LADDER ACCESS AT SCAFFOLD LOCATIONS.
12. THE DDE SHALL REVIEW AND VERIFY EXISTING BEARING GRADES THAT WILL BE PRESENT DURING SCAFFOLDING ERECTION AND USE, FOR PROPER SUPPORT OF THE SCAFFOLDING, AND SHALL PROVIDE APPROPRIATE SILLS OR CRIBBING.
13. FOR SCAFFOLDING TO BEAR ON ROOFS, THE DDE SHALL PROVIDE SHORING TO RESIST THE IMPOSED LEG LOADS.
14. TEMPORARY SHORING SHALL EXTEND DOWN TO GRADE UNLESS EVALUATION BY THE DDE SHOWS THAT EXISTING UPPER LEVELS OF STRUCTURE CAN SUPPORT THE SHORING LOADS IN ADDITION TO THE OTHER LOADS TO BE SUPPORTED BY THE STRUCTURE DURING CONSTRUCTION.
15. SCAFFOLDING SHALL NOT BE ENCLOSED UNLESS IT HAS BEEN DESIGNED FOR ENCLOSURE WITH THE REQUIRED INCREASE IN TIE-INS.

FOUNDATION NOTES

1. BEAR FOOTINGS ON FIRM UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.
2. FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2500 psf. BEARING STRATUM FOR THIS CAPACITY SHALL BE VERIFIED IN FIELD BY A LICENSED GEOTECHNICAL ENGINEER BEFORE CASTING CONCRETE FOOTINGS.
3. UNLESS OTHERWISE NOTED, BOTTOM OF EXTERIOR FOOTINGS IS 4 FEET MINIMUM BELOW FINISH GRADE AND BOTTOM OF INTERIOR FOOTINGS MINIMUM 2 FEET BELOW SLAB. FOOTINGS MAY BE STEPPED DOWN OR LOWERED TO REACH AN ACCEPTABLE 2500 psf BEARING STRATUM AS DETERMINED BY GEOTECHNICAL ENGINEER.
4. SOIL BEARING SURFACES PREVIOUSLY ACCEPTED BY GEOTECHNICAL ENGINEER WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN, OR DISTURBED SHALL BE REWORKED TO SATISFACTION OF GEOTECHNICAL ENGINEER.
5. WHERE FOOTINGS ARE LOWERED IN ELEVATION DUE TO SOIL CONDITIONS, LOWER ADJACENT FOOTINGS IN ELEVATION IN ORDER THAT RATIO OF CLEAR DISTANCE BETWEEN NEAREST EDGE OF FOOTINGS TO DIFFERENCE IN ELEVATION BETWEEN BOTTOMS OF FOOTINGS SHALL NOT EXCEED 2H:1V.
6. FOUNDATION PREPARATION: REFER TO SPECIFICATIONS FOR "EXCAVATION, BACKFILL AND COMPACTION (BUILDING AREA)".
7. STRIP AND PROOF ROLL ENTIRE BUILDING AREA. PLACE AND COMPACT STRUCTURAL FILL TO REACH REQUIRED SUBGRADE LEVELS. VERIFY PROCEDURES WITH GEOTECHNICAL ENGINEER BEFORE BEGINNING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
9. DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.
10. CENTER FOOTINGS UNDER WALLS, PIERS, OR COLUMNS UNLESS NOTED OTHERWISE. USE SIDE FORMS FOR FOOTINGS.
11. WHERE REQUIRED, STEP NEW FOOTINGS UP OR DOWN IN RATIO OF TWO HORIZONTAL TO ONE VERTICAL TO JOIN EXISTING FOOTINGS.
12. CONCRETE WALLS SHALL ATTAIN A MINIMUM STRENGTH OF 70% f'c BEFORE PLACING BACKFILL AGAINST THEM.

CAST-IN-PLACE CONCRETE NOTES

1. LAP SPLICE CONCRETE REINFORCEMENT AS INDICATED IN THE CONCRETE REINFORCEMENT LAP SPLICE SCHEDULE, UNLESS NOTED OTHERWISE.
2. LAP CONTINUOUS FOOTING AND HORIZONTAL WALL REINFORCEMENT WITH A CLASS B LAP SPLICE UNLESS NOTED OTHERWISE.
3. PROVIDE CORNER BARS IN FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. PROVIDE CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0".
4. EXTEND REINFORCEMENT IN WALL FOOTING BETWEEN COLUMNS CONTINUOUS THROUGH COLUMN FOOTINGS OR TO FAR FACE OF COLUMN FOOTING AT CORNERS AND ENDS.
5. PLACE TRANSVERSE REINFORCEMENT IN CONTINUOUS FOOTINGS WHERE SHOWN IN BOTTOM LAYER.
6. CAST STEPPED FOOTINGS MONOLITHICALLY.
7. PROVIDE REINFORCING DOWELS WITHIN FOOTINGS FOR CONCRETE WALLS AND PIERS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH A C.I. STANDARD 90 DEGREE HOOK. PROVIDE CLASS B LAP SPLICE WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
8. AT INTERSECTIONS OF CONCRETE WALLS, PROVIDE CORNER BARS IN OUTER LAYER THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AND PROVIDE A CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0". AT "T" INTERSECTIONS, PROVIDE CORNER BARS FROM EACH LAYER IN INTERSECTING WALL TO OUTER LAYER OF THROUGH WALL.
9. CAST CONCRETE PIERS AND COLUMNS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
10. ALIGN FOUNDATION WALL CONSTRUCTION JOINTS WITH MASONRY WALL CONTROL JOINTS.
11. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS.

(CAST-IN-PLACE CONCRETE NOTES CONTINUE ABOVE)

CAST-IN-PLACE CONCRETE NOTES CONTINUED

12. PENETRATIONS OR OPENINGS ARE NOT PERMITTED THROUGH COLUMNS, PIERS, BEAMS, GRADE BEAMS, JOISTS, SLABS, AND WALLS UNLESS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS. PIPING, CONDUIT, AND DUCT PENETRATIONS THROUGH STRUCTURAL SLABS AND WALLS SHALL BE SLEEVED OR CHASED. NO CORE-DRILLING OF SLABS OR WALLS IS PERMITTED.
13. CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
14. PROVIDE CONCRETE COVER FOR REINFORCEMENT IN ACCORDANCE WITH THE CONCRETE REINFORCING COVER SCHEDULE UNLESS DETAILED OTHERWISE IN DRAWINGS.
15. PROVIDE FULL-HEIGHT DOVETAIL SLOT INSERTS IN CONCRETE WITH ABUTTING MASONRY. PLACE ANCHORS AT 16 INCHES ON-CENTER VERTICALLY.
16. PROVIDE FULL-HEIGHT DOVETAIL SLOT INSERTS AT 16 INCHES ON-CENTER HORIZONTALLY IN CONCRETE WALLS FACES WITH MASONRY. PLACE ANCHORS AT 16 INCHES ON-CENTER VERTICALLY.
17. PROVIDE WATER STOP IN BELOW-GRADE WALL JOINTS, WALL-TO-FOOTING JOINTS, AND SLAB-TO-WALL JOINTS.
18. EXTEND TEMPERATURE BARS INTO BEAMS OR WALLS A MINIMUM OF 6 INCHES.
19. TOP BARS INDICATED WITH HOOKS SHALL HAVE ACI STANDARD 90 DEGREES HOOK UNLESS NOTED OTHERWISE.
20. PROVIDE TWO #5 EACH SIDE OF OPENINGS (12 INCHES OR OVER) IN WALLS AND SLABS UNLESS NOTED OTHERWISE IN DRAWINGS. BARS SHALL BE 4 FEET LONGER THAN OPENING.
21. PROVIDE TWO #4 BY 4 FEET LONG DIAGONAL BARS AT INSIDE CORNERS AT OPENINGS (12 INCHES OR OVER) IN CONCRETE WALLS AND SLABS.
22. CAST CONCRETE ON SLOPED SURFACES BEGINNING AT LOWEST ELEVATION AND CONTINUING MONOLITHICALLY TOWARD HIGHER ELEVATIONS UNTIL INTENDED POUR IS COMPLETED.

CONCRETE REINFORCEMENT LAP SPLICE SCHEDULE

F'c = 3,000 psi, Fy = 60,000 psi

BAR LAP LENGTHS, UNCOATED BARS AND GALVANIZED BARS

BAR SIZE	MINIMUM CLEAR COVER (INCH)	MINIMUM SPACING CENTER/CENTER (INCH)	CLASS B LAP NOT AT TOP BAR (INCH)	CLASS B LAP TOP BAR (INCH)
#4	1 1/2	3 1/2	18	23
#5	1 1/2	3 5/8	22	38
#6	2	4 3/4	26	44
#7	2	5	38	49
#8	2	5	43	56
#9	2	5 1/4	53	69
#10	2	5 1/4	66	85
#11	2	5 1/2	79	102

BAR LAP LENGTHS, EPOXY COATED BARS

BAR SIZE	MINIMUM CLEAR COVER (INCH)	MINIMUM SPACING CENTER/CENTER (INCH)	CLASS B LAP NOT AT TOP BAR (INCH)	CLASS B LAP TOP BAR (INCH)
#4	1 1/2	3 1/2	26	34
#5	1 1/2	3 5/8	32	42
#6	2	4 3/4	39	50
#7	2	5	57	73
#8	2	5	64	84
#9	2	5 1/4	80	104
#10	2	5 1/4	99	128
#11	2	5 1/2	118	153

NOTES:
1. USE VALUES FOR "CLASS B LAP TOP BAR" FOR ALL HORIZONTAL REINFORCEMENT HAVING 12 INCHES OR MORE FRESH CONCRETE BELOW REINFORCEMENT BAR. ALL OTHER CONDITIONS MAY USE "CLASS B LAP" SPLICE LENGTHS.
2. BAR DEVELOPMENT LENGTH MAY BE OBTAINED BY DIVIDING APPLICABLE LAP SPLICE LENGTH BY 1.3, MINIMUM BAR DEVELOPMENT LENGTH IS 12 INCHES.
3. CONTACT ENGINEER FOR REQUIRED SPLICE LENGTH WHERE BAR COVER OR SPACING IS LESS THAN TABULATED VALUES.

CONCRETE REINFORCING COVER SCHEDULE

LOCATION	COVER
CONCRETE CAST AGAINST EARTH:	3"
SURFACES EXPOSED TO WEATHER OR EARTH (INCLUDING SURFACES OF FOUNDATION WALLS COVERED WITH WATERPROOFING MEMBRANE AND/OR INSULATION:	
BARS LARGER THAN #5	2"
#5 BARS OR SMALLER	1 1/2"
SURFACES NOT EXPOSED TO WEATHER OR EARTH:	
SLABS AND WALLS	3/4"
BEAMS, GIRDERS, PIERS, AND COLUMNS	1 1/2"
BETWEEN BARS AND EMBEDDED ITEMS:	
IN CONCRETE ELEMENTS EXPOSED TO WEATHER OR EARTH	1 1/2"
IN CONCRETE ELEMENTS NOT EXPOSED TO WEATHER OR EARTH	3/4"

SLAB ON GRADE NOTES

1. SUBGRADE BELOW SLAB ON GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT.
2. PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
3. DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT, AT THE EXPENSE OF THE CONTRACTOR.
4. PROVIDE PROTECTION FOR THE SLAB ON GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION, AND EXCESSIVE COLD OR HOT TEMPERATURES STARTING DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE.
5. PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
6. SLAB JOINTS ARE REQUIRED WHERE SHOWN IN PLAN. WHERE JOINTS ARE NOT SHOWN, SEE "OPTION FOR SLAB PLACEMENT" IN DIVISION 3 SPECIFICATIONS. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
7. PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND A SAW-CUT JOINT FOR CONTRACTION JOINTS IN SLABS ON GRADE. CONTINUE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
8. REINFORCE SLABS AS NOTED IN DRAWINGS. AT PERIMETER OF SLABS, LOCATE REINFORCING 3 INCHES FROM SLAB EDGES.
9. PROVIDE ONE #4 BAR, 4 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLAB ON GRADE.
10. THICKEN SLABS ON GRADE TO 8 INCHES AND REINFORCE AS SHOWN IN DETAILS 2/S300 AND 3/S300 UNDER NON-BEARING MASONRY WALLS (6 INCHES THICK OR OVER) WHERE THE WALL HEIGHT EXCEEDS 12 FEET AND UNDER STAIR STRINGER BEARINGS. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
11. VERIFY SIZE AND LOCATION OF PLATFORMS, CURBS, OR PADS WITH MECHANICAL CONTRACTOR.
12. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

MASONRY NOTES

1. MASONRY WALLS SHALL HAVE STANDARD WEIGHT JOINT REINFORCEMENT EVERY SECOND COURSE AND TOP TWO COURSES UNLESS NOTED OTHERWISE. PROVIDE LADDER TYPE JOINT REINFORCING FOR REINFORCED MASONRY WALLS. LAP SPLICE JOINT REINFORCEMENT A MINIMUM OF 8 INCHES, TYPICALLY. USE PREFABRICATED CORNERS AND TEES.
2. BEARING AND OTHER EXTERIOR WALLS MADE OF BRICK AND BLOCK SHALL BE BUILT SIMULTANEOUSLY AS COMPOSITE WALLS, BONDED TOGETHER WITH FULL-WIDTH HORIZONTAL JOINT REINFORCEMENT AT 16 INCHES ON-CENTER. FILL COLLAR JOINTS SOLID WITH MORTAR.
3. SUBMIT PROPOSED GROUTING PROGRAM FOR GROUTING CONCRETE MASONRY WALLS. GROUTING SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF NCMA-TEK 3-2A, "GROUTING CONCRETE MASONRY WALLS." STOP GROUT 2 INCHES BELOW TOP OF BLOCK AT EACH POUR TO ENABLE AN INTERLOCK WITH NEXT POUR. GROUT CORES SOLID AT REINFORCING BARS AND ELSEWHERE AS INDICATED IN DRAWINGS.
4. FILL CORES IN HOLLOW CONCRETE MASONRY UNITS WITH GROUT THREE COURSES (24 INCHES) UNDER BEARING PLATES, BEAMS, LINTELS, POSTS, AND SIMILAR ITEMS, UNLESS OTHERWISE NOTED.
5. PROVIDE BOND BEAM AT TOPS OF WALLS, AT EACH FLOOR, AND ELSEWHERE AS DETAILED.
6. FILL COLUMN AND BEAM POCKETS WITH MASONRY AFTER COLUMN OR BEAM IS ERECTED.
7. NON-LOAD BEARING PARTITIONS SHALL NOT BE BUILT TIGHT TO STRUCTURE ABOVE. LEAVE GAP BETWEEN TOP OF PARTITION AND STRUCTURE, AND BRACE TOP OF PARTITION AS INDICATED IN DRAWINGS.

(MASONRY NOTES CONTINUED ABOVE)

MASONRY NOTES CONTINUED

8. STRUCTURAL DRAWINGS DO NOT SHOW FLASHING, WEEPS, AND DRIPS; HOWEVER, THEY ARE ESSENTIAL TO MAINTAINING THE WATER TIGHTNESS OF THE BUILDING AND PROTECTION OF THE FRAMING. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILS AND INFORMATION.
9. VENEER ANCHORS, TIES, WEEPS, AND FLASHING ARE INDICATED IN THE ARCHITECTURAL DRAWINGS AND IN THE SPECIFICATIONS UNLESS DETAILED OR NOTED OTHERWISE.
10. MASONRY WALLS FUNCTIONING AS FIRE BARRIERS ARE INDICATED IN THE DRAWINGS. FIRE BARRIERS HAVE NOT BEEN DESIGNED AS FREE-STANDING MASONRY WALLS FOR WIND AND SEISMIC LOADS. THE WALLS HAVE NOT BEEN DESIGNED AS EXTERIOR WALLS TO WITHSTAND WIND AND SEISMIC LOADS. DURING CONSTRUCTION, THE WALLS SHALL BE TEMPORARILY BRACED FOR WIND LOADS UNTIL THE BUILDING IS FULLY ENCLOSED. IF THERE IS EVER A CHANGE IN THE BUILDING LAYOUT OR IF A FIRE OCCURS ON ONE SIDE OF A FIRE WALL THAT EXPOSES THE FIRE WALL TO WIND LOADS, THE WALL WILL HAVE TO BE BRACED AND THE PROPOSED FLOOR AND ROOF ELEVATIONS.

REINFORCED MASONRY LINTEL NOTES

1. REINFORCED MASONRY LINTEL MATERIALS INCLUDE REINFORCED CMU.
2. COORDINATE WALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. NOT ALL OPENINGS ARE SHOWN IN THE STRUCTURAL DRAWINGS.
3. FOR OPENINGS NOT OTHERWISE DETAILED, INCLUDING MECHANICAL OPENINGS, USE REINFORCED MASONRY LINTEL 8 INCHES DEEP FOR SPANS UP TO 4 FEET AND 16 INCHES DEEP FOR SPANS UP TO 6 FEET.
4. USE THE FOLLOWING MINIMUM REINFORCING: ONE #5 TOP AND BOTTOM FOR EACH 4 INCHES OF MASONRY WIDTH, ONE #6 TOP AND BOTTOM FOR 6-INCH CMU WALLS, AND TWO #5 TOP AND BOTTOM FOR 10-INCH CMU WALLS.
5. LOCATE REINFORCING IN REINFORCED CMU LINTELS 3/4-INCH CLEAR FROM INSIDE FACE OF FACE SHELL IN LINTELS CONTAINING MULTIPLE BARS. CENTER BAR IN LINTELS CONTAINING ONLY ONE BAR.
6. REINFORCED CMU LINTELS SHALL BE MADE OF SAME MATERIAL WITH SAME COLOR AND TEXTURE AS SURROUNDING WALLS. EXTEND REINFORCING 48 BAR DIAMETERS BEYOND OPENINGS. HOOK BAR ENDS WHERE 48 BAR DIAMETERS CANNOT BE ACHIEVED.
7. BEAR LINTELS A MINIMUM OF 8 INCHES EACH END.
8. SHORE REINFORCED MASONRY LINTELS UNTIL MASONRY WALL ABOVE LINTEL HAS CURED A MINIMUM OF 14 DAYS.
9. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

STRUCTURAL STEEL MASONRY LINTEL NOTES

1. COORDINATE WALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. NOT ALL OPENINGS ARE SHOWN IN THE STRUCTURAL DRAWINGS.
2. FOR OPENINGS NOT OTHERWISE DETAILED OR SCHEDULED, INCLUDING DOORS, WINDOWS, AND MECHANICAL OPENINGS, MINIMUM LINTEL SHALL BE (FOR EACH 4 INCHES OF MASONRY WIDTH) ONE L3 1/2x3 1/2x5/16 FOR SPANS UP TO 4 FEET; ONE L4x3 1/2x5/16 (LLV) FOR SPANS UP TO 6 FEET; ONE L5x3 1/2x5/16 (LLV) FOR SPANS UP TO 8 FEET. FOR SPANS LESS THAN 2 FEET, PROVIDE A 5/16-INCH PLATE.

   FOR 6-INCH MASONRY WALLS, USE TWO L3 1/2x2 1/2x5/16 (LLV) FOR SPANS UP TO 4 FEET AND A BUILT-UP PLATE SECTION FOR SPANS UP TO 8 FEET. BUILT-UP SECTION SHALL CONSIST OF A HORIZONTAL PLATE 5/16 INCH BY 5 INCHES AND A VERTICAL PLATE 1/2 INCH BY 5 INCHES WELDED TOGETHER WITH 3/16-INCH FILLET WELDS, 3 INCHES LONG AND 6 INCHES ON-CENTER ON EACH SIDE OF THE VERTICAL PLATE, TO FORM AN INVERTED TEE.

   FOR 10-INCH MASONRY WALLS, USE TWO L5x5x5/16 FOR SPANS UP TO 6 FEET AND TWO L6x6x5/16 FOR SPANS UP TO 8 FEET. TRIM HORIZONTAL LEG ON EACH ANGLE TO 4 1/2 INCHES WIDE.
3. FOR OPENINGS NOT OTHERWISE DETAILED OR SCHEDULED IN 4-INCH-THICK VENEER, INCLUDING DOORS, WINDOWS, AND MECHANICAL OPENINGS, MINIMUM LINTELS SHALL BE ONE L4x4x5/16 FOR SPANS UP TO 6 FEET AND ONE L6x4x5/16 (LLV) FOR SPANS UP TO 8 FEET. FOR SPANS LESS THAN 2 FEET, PROVIDE A 5/16-INCH PLATE.
4. WELD TOGETHER BACK-TO-BACK LINTELS. MAXIMUM WELD SPACING SHALL NOT EXCEED 18 INCHES ON-CENTER.
5. BEAR LINTELS A MINIMUM OF 8 INCHES EACH END UNLESS NOTED OTHERWISE.
6. HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS.

MASONRY REINFORCEMENT LAP SPLICE SCHEDULE

BAR LAP LENGTHS IN CMU WITH f'm = 2,000 psi

LOCATION	#4	#5	#6
(1) BAR AT CENTER OF 6" CMU CORE OR BOND BEAM	18"	28"	53"
(1) BAR AT CENTER OF 8" CMU CORE OR BOND BEAM	18"	22"	38"
(1) BAR AT CENTER OF 12" CMU CORE OR BOND BEAM	18"	22"	34"
(2) BARS IN 8" CMU CORE LOCATED 5" FROM EACH FACE SHELL	24"	39"	79"
(2) BARS IN 12" CMU CORE LOCATED 9" FROM EACH FACE SHELL	19"	30"	57"
(2) BARS IN 8", 10", 12" CMU BOND BEAM (SEE NOTE BELOW)	22"	35"	64"

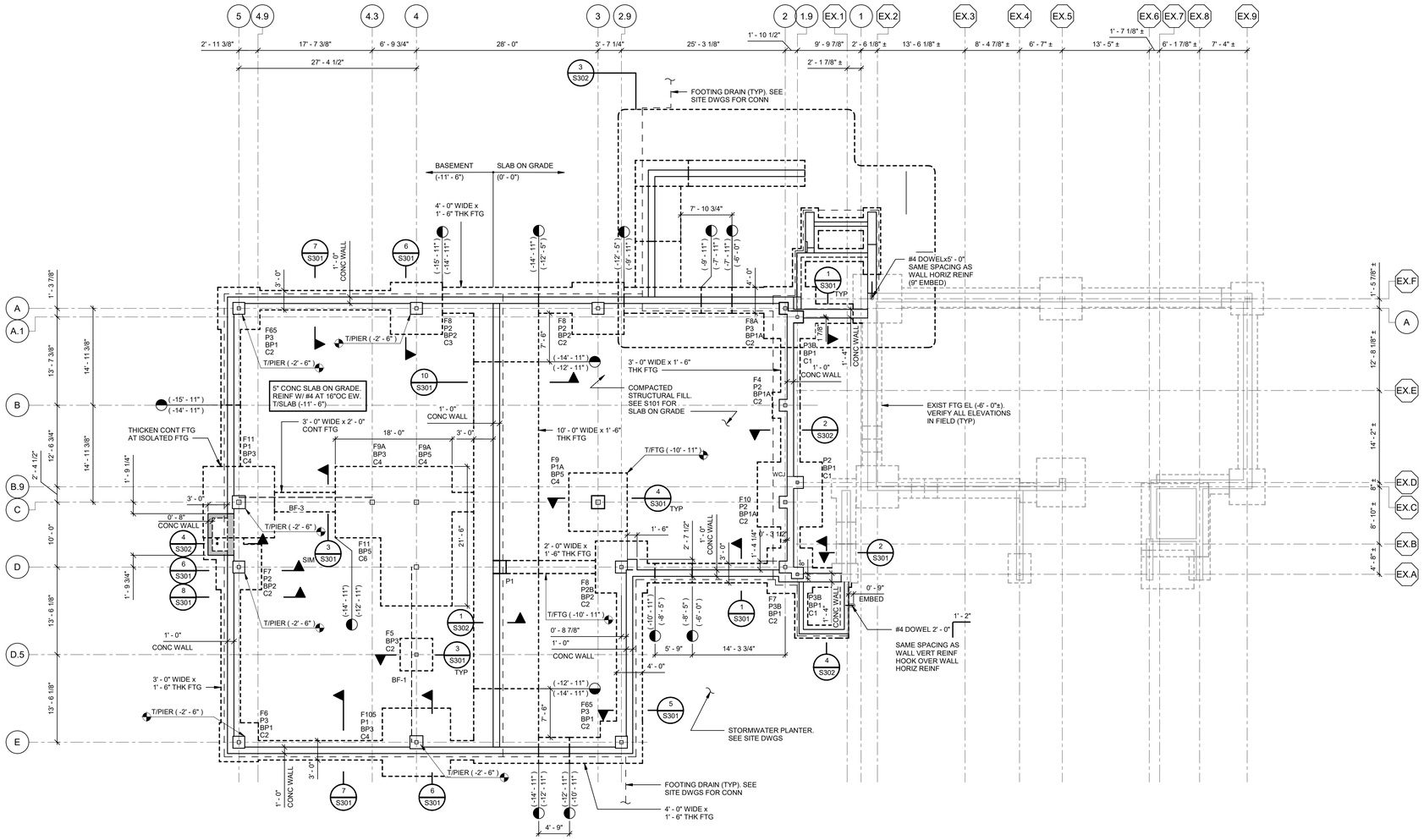
NOTE:
LOCATE REINFORCING BARS 3/4-INCH CLEAR FROM INSIDE FACE OF FACE SHELL (EXCEPT CENTER REINFORCING IN BOND BEAMS DETAILED TO HAVE ONLY ONE BAR).

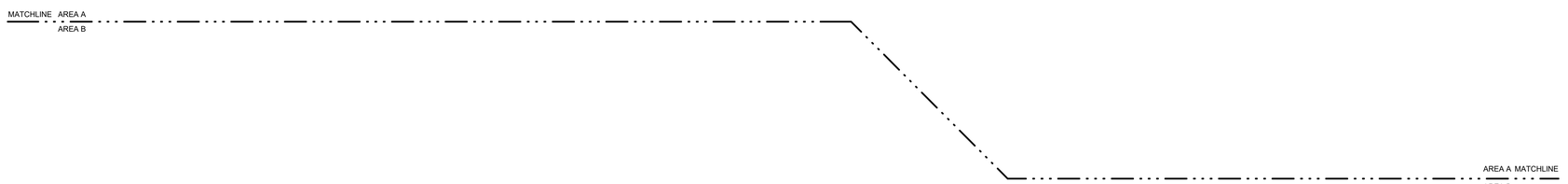
STRUCTURAL STEEL NOTES

1. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING MASONRY OR CONCRETE OBTAINS 75 PERCENT OF THE MATERIAL STRENGTHS NOTED IN DESIGN DATA NOTES.
2. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED IN STRUCTURAL DRAWINGS.
3. STEEL BEAMS BEARING ON MASONRY SHALL HAVE A MINIMUM OF 8 INCHES OF BEARING. PROVIDE BEARING PLATES WITH WALL ANCHORS UNLESS NOTED OTHERWISE.
4. WHERE MASONRY WALLS RUN PAST STEEL BEAM, WELD MASONRY ANCHORS TO BEAM WEBS 4 FEET ON-CENTER, UNLESS NOTED OTHERWISE.
5. STEEL FLOOR STRUCTURE WILL DEFLECT UNDER WEIGHT OF WET CONCRETE. PLACE A VARYING THICKNESS CONCRETE SLAB TO MAINTAIN REQUIRED FINISHED FLOOR ELEVATION. COMPLETELY ROUGH-FILL EACH BAY WITH CONCRETE TO REMOVE CAMBER BEFORE PROCEEDING WITH SCREEDING.
6. DO NOT USE EXTERIOR BEAM SCREEDS TO LEVEL SLABS; EXTERIOR BEAM WILL DEFLECT UNDER THE WEIGHT OF THE CONCRETE.
7. SUBMIT SLAB POUR SEQUENCE AND PROPOSED JOINT LAYOUT FOR SLAB POURS FOR REVIEW PRIOR TO SLAB PLACEMENT.
8. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL A MINIMUM SIZE FILLET WELD IN ACCORDANCE WITH AWS STANDARDS OR AS REQUIRED TO PROVIDE REQUIRED CONNECTION CAPACITY FOR DELEGATED CONNECTION DESIGN. THE ACTUAL SIZES SHALL BE SHOWN IN THE SHOP DRAWINGS.
9. WHERE DETAILS SHOW CONTINUOUS PLATES OR ANGLES ATTACHED TO BEAMS, EXTEND THE PLATES OR ANGLES PAST COLUMNS. MITER AND WELD AT EXTERIOR CORNERS OR PROVIDE ADDITIONAL SUPPORT ON THE COLUMNS. DETAIL PLATES OR ANGLES TO PROVIDE 1/2-INCH GAP AT INTERIOR CORNERS AND AT COLUMNS OTHER THAN AT EXTERIOR CORNERS.

STRUCTURAL STEEL COLUMN NOTES

1. COAT COLUMN BASES AND ANCHOR RODS THAT ARE IN CONTACT WITH SOIL BELOW SLAB ON GRADE WITH COAL-TAR EPOXY BEFORE CONCRETING. EXTEND COATING 1 INCH INTO SLAB CONCRETE.
2. WHERE ROOF BEAMS FRAME INTO EXTERIOR COLUMNS, WELD A 1/4-INCH-THICK ANGLE OR BENT PLATE TO TOP OF COLUMN TO FORM A BEARING SURFACE FOR ROOF DECK. PROJECT ANGLE OR BENT PLATE VERTICALLY ABOVE THE COLUMN AND HORIZONTALLY TO THE EDGE OF DECK AS REQUIRED. (USE 3/8-INCH-THICK ANGLE OR BENT PLATE FOR PROJECTIONS EXCEEDING 6 INCHES – HORIZONTAL OR VERTICAL).
3. WELD MASONRY ANCHORS 16 INCHES ON-CENTER TO COLUMN WEBS AND FLANGES THAT ABUT MASONRY. WELD ANCHORS 16 INCHES ON-CENTER TO EACH SIDE OF WEB OF COLUMNS COMPLETELY EMBEDDED IN MASONRY.
4. WHERE SHIMS OR LEVELING NUTS ARE USED UNDER BASE PLATES, GROUT BASE PLATES WITH NON-SHRINK GROUT AFTER BUILDING FRAME HAS BEEN ALIGNED AND PLUMBED. ALLOW GROUT TO CURE FOR A MINIMUM OF 48 HOURS BEFORE PLACING ELEVATED SLABS AND BEFORE ENCLOSING THE BUILDING WITH EXTER





1 / S100 BASEMENT FOUNDATION PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:

1. T/SLAB ELEVATION (-11' - 6") BELOW REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DATUM.
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0' - 0").
3. T/EXTERIOR FOOTING (-14' - 11") TYPICAL UNLESS NOTED OTHERWISE.
   T/INTERIOR FOOTING (-12' - 11") TYPICAL UNLESS NOTED OTHERWISE.
   F___ - INDICATES FOOTING TYPE. SEE S100 FOR FOOTING SCHEDULE.
4. T/WALL ELEVATION (0' - 0") TYPICAL UNLESS NOTED OTHERWISE.
5. T/PIER ELEVATION (-0' - 8") TYPICAL UNLESS NOTED OTHERWISE.
   P___ - INDICATES PIER TYPE. SEE S300 FOR PIER DETAILS.
6. BP___ - INDICATES COLUMN BASE PLATE. SEE S500 FOR DETAILS.
7. FD___ - INDICATES FLOOR DRAIN. COORDINATE LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
8. WCJ – INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION; ALIGN WITH MASONRY VENEER AND/OR BACKUP WALL CONTROL JOINTS AND PRECAST CONCRETE WALL PANEL JOINTS. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
9. SEE 11/S300 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
10. SEE 4/S300 AND 5/S300 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
11. THICKEN SLAB UNDER CMU WALLS AND STAIRS STRINGERS AS SHOWN IN 2/S300 AND 3/S300. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
12. DRILL AND ADHESIVE ANCHOR WALL AND FOOTING REINFORCING INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING). SEE S301 FOR DETAILS.
13. SLEEVE OPENINGS THROUGH WALLS AND SLABS AT PIPING AND CONDUIT; DO NOT CORE. COORDINATE SLEEVE SIZES, QUANTITIES, AND LOCATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOT ALL LOCATIONS ARE SHOWN IN THE STRUCTURAL DRAWINGS.
14. SEE 10/S300 WHERE WALL OPENING INTERRUPTS TWO OR LESS VERTICAL OR HORIZONTAL WALL REINFORCING.
15. PROVIDE (1)#4x4' - 0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLAB ON GRADE.
16. SEE S001 AND S002 FOR ADDITIONAL NOTES.
17. SEE S100 FOR FOUNDATION LEGEND.

FOUNDATION LEGEND

LO / HI	- INDICATES FOOTING STEP LOCATION AND T/FOOTING ELEVATION. SEE DETAIL 12/S300.
LO / HI	- INDICATES WALL STEP LOCATION AND T/WALL ELEVATION.
	- INDICATES SLAB OVERPOURS WALL. T/WALL IS 8 INCHES BELOW T/SLAB TYPICAL, UNLESS NOTED OTHERWISE. SEE FOUNDATION DETAILS AND COORDINATE WITH ARCHITECTURAL DRAWINGS.

COLUMN FOOTING SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
F4	4' - 0" x 4' - 0" x 1' - 6"	(6)#5 EW, BOTTOM	
F5	5' - 0" x 5' - 0" x 1' - 6"	(7)#5 EW, BOTTOM	
F6	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, BOTTOM	
F6A	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, TOP AND BOTTOM	
F65	6' - 6" x 6' - 6" x 1' - 6"	(9)#5 EW, BOTTOM	
F7	7' - 0" x 7' - 0" x 1' - 6"	(9)#5 EW, BOTTOM	
F8	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, BOTTOM	
F8A	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, TOP AND BOTTOM	
F85	8' - 6" x 8' - 6" x 1' - 6"	(11)#5 EW, BOTTOM	
F9	9' - 0" x 9' - 0" x 1' - 6"	(12)#5 EW, BOTTOM	
F9A	9' - 0" x 9' - 0" x 2' - 0"	(12)#7 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F10	10' - 0" x 9' - 0" x 1' - 6"	(8)#7 EW, TOP AND BOTTOM	
F105	10' - 6" x 10' - 6" x 1' - 6"	(11)#6 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F11	11' - 0" x 11' - 0" x 2' - 0"	(13)#7 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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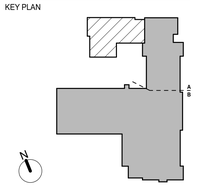
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO. 66 - 04 - 01- 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

BASEMENT FOUNDATION PLAN - AREA A

S100

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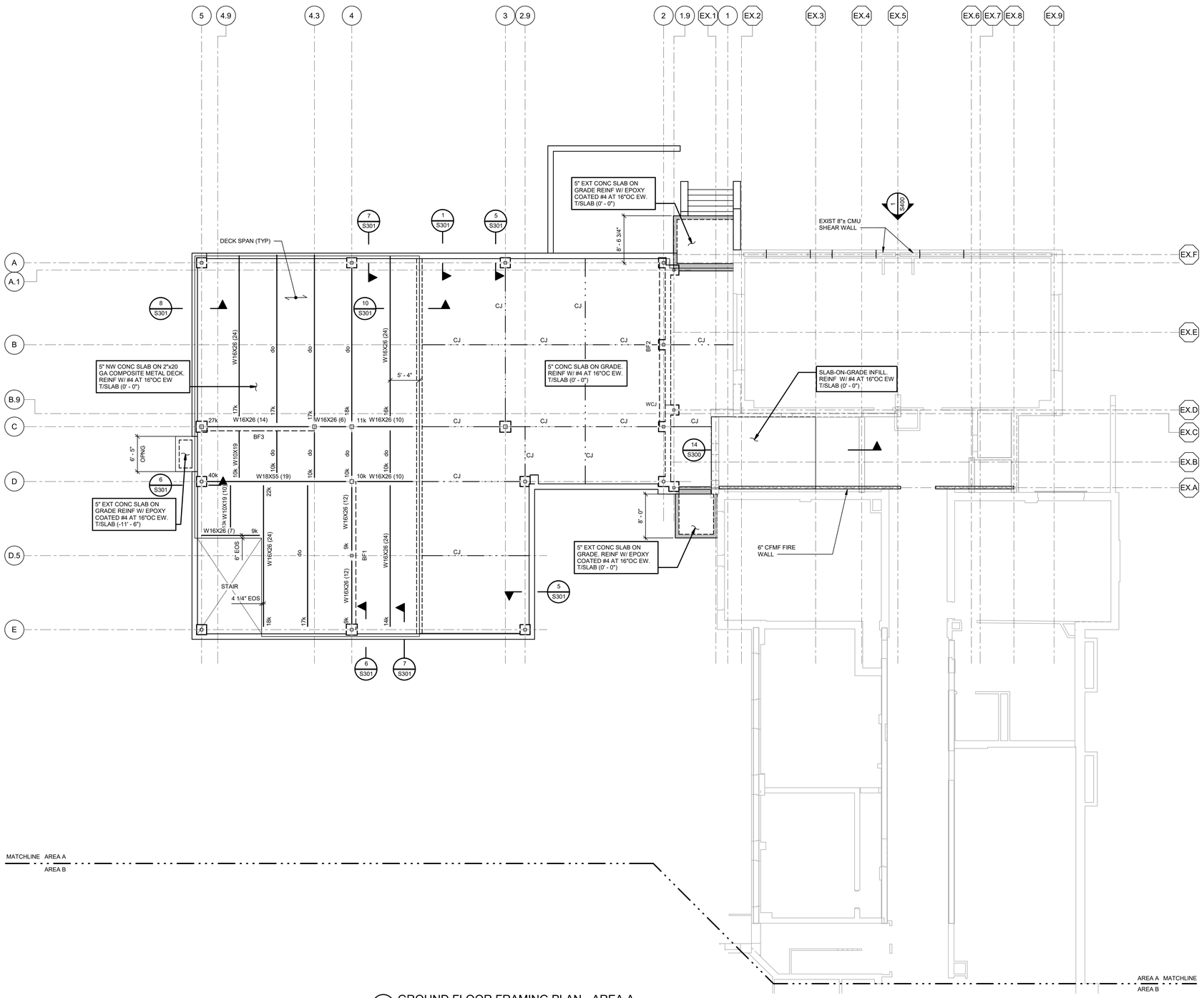

MATCHLINE AREA A
AREA B

AREA A MATCHLINE
AREA B

1/S101 GROUND FLOOR FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:

1. T/SLAB ELEVATION (138' - 3"±) EQUALS REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DATUM.
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0' - 0").
3. T/STEEL (B/DECK) ELEVATION (0' - 5") BELOW REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE.
4. EQUALLY SPACE FLOOR BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
5. BF_ - INDICATES STEEL BRACING FRAME. SEE S500 FOR SCHEMATICS AND DETAILS.
6. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
7. SEE 11/S500 AND 6/S300 FOR COMPOSITE SLAB AND CONSTRUCTION JOINT DETAILS.
8. SLAB ON METAL DECK HAS BEEN DESIGNED WITH A MAXIMUM UNSHORED SPAN OF 6' - 0" USING A MINIMUM OF A 2-SPAN CONDITION. SINGLE SPAN DECK IS NOT PERMITTED UNLESS NOTED IN PLAN. PROVIDE MINIMUM DECK GAUGE SHOWN AND VERIFY UNSHORED SPAN PRIOR TO SUBMITTING SHOP DRAWINGS.
9. SEE 1/S401 FOR MASONRY WALL REINFORCING REQUIREMENTS.
10. SEE 4/S300 AND 5/S300 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
11. THICKEN SLAB UNDER CMU WALLS AND STAIRS STRINGERS AS SHOWN IN 2/S300 AND 3/S300. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
12. PROVIDE (1) #4x4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLAB ON GRADE.
13. SEE S001 AND S002 FOR ADDITIONAL NOTES.
14. SEE S002 FOR STEEL BEAM LEGEND.
15. SEE S100 FOR FOUNDATION PLAN LEGEND.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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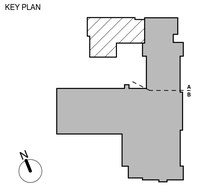
KEY PLAN



PROJECT NO. 66 - 04 - 01- 03 - 0 - 002 - 017

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GROUND FLOOR FRAMING PLAN - AREA A

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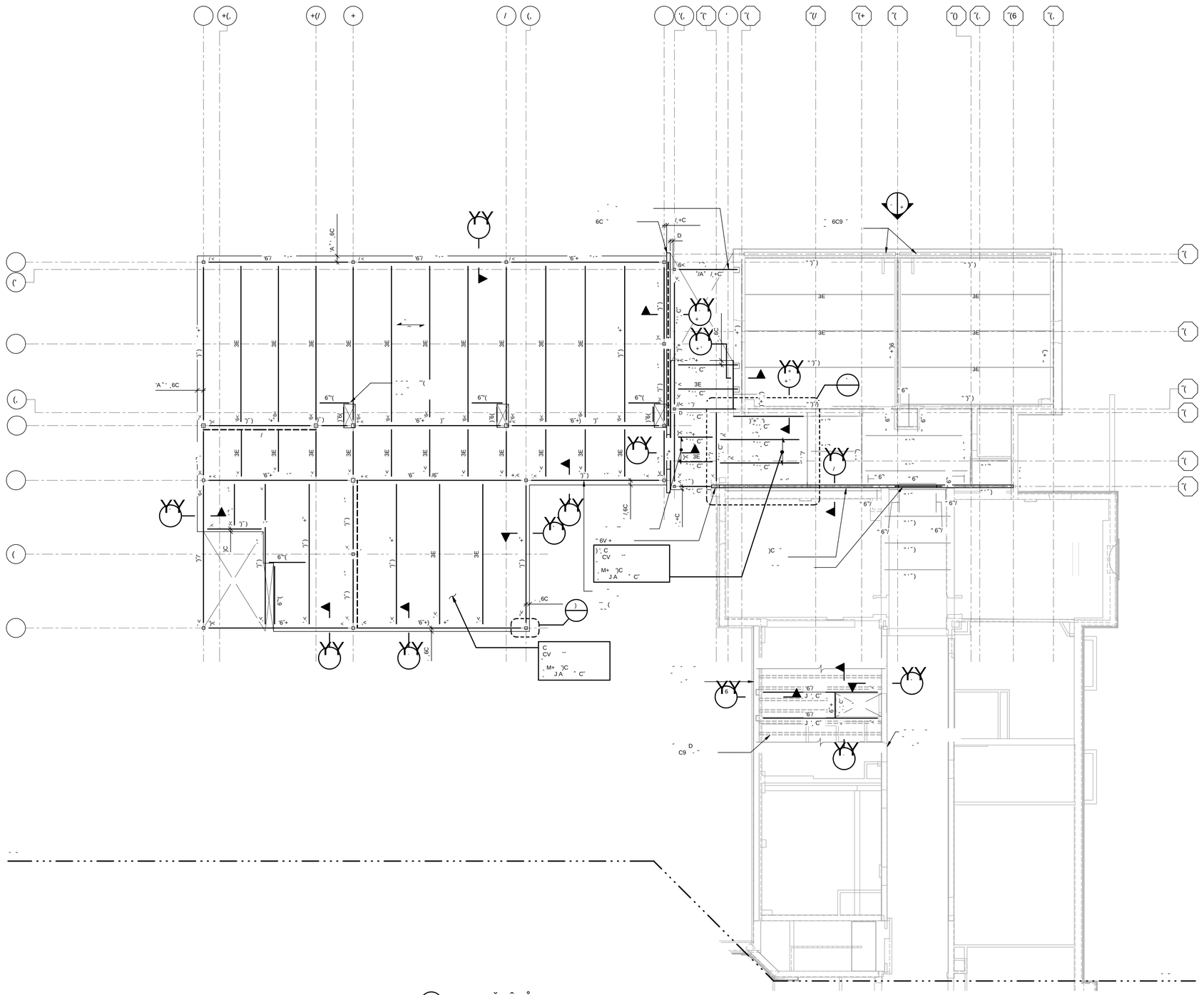

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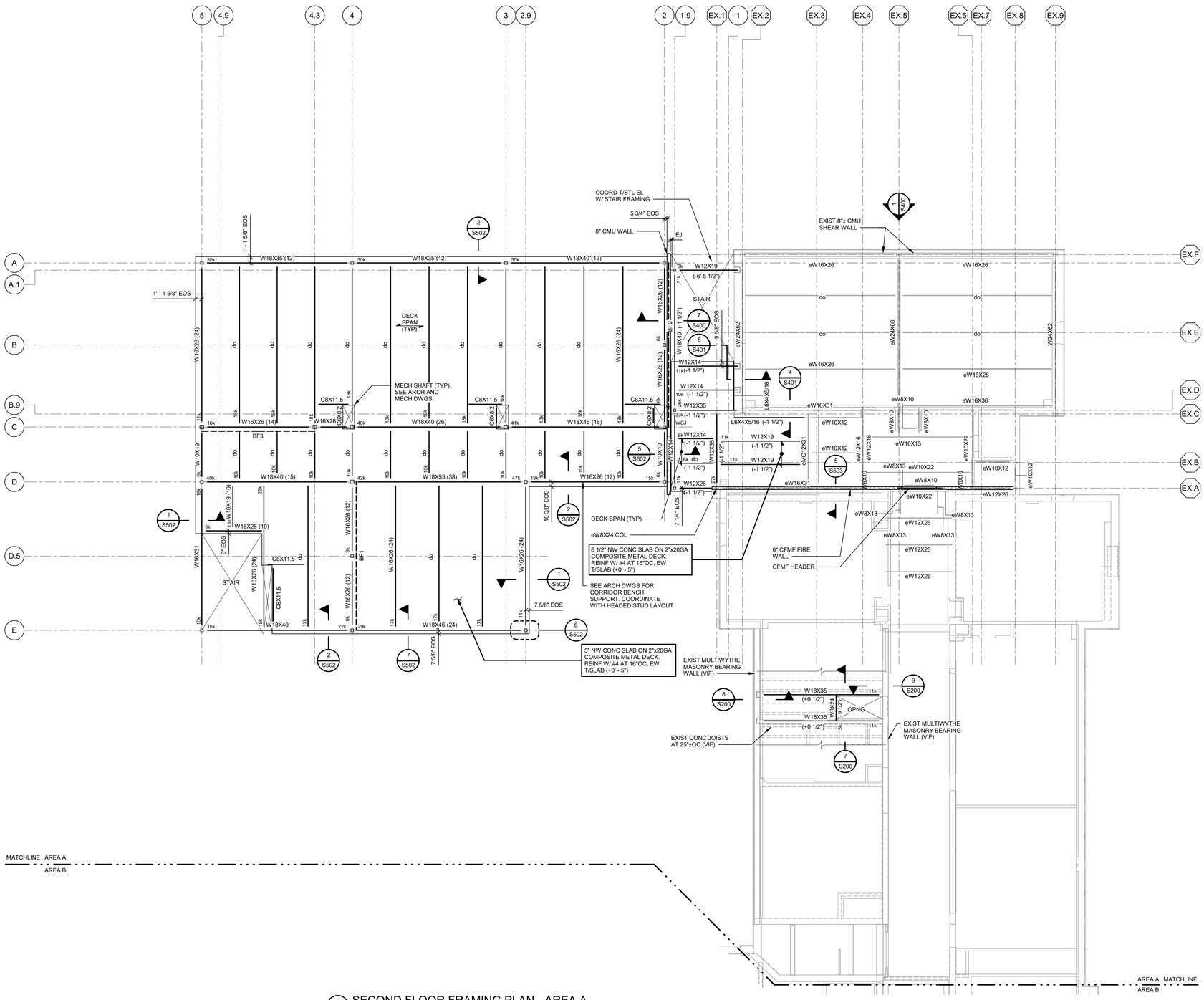
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EX.D
EX.C
EX.B
EX.A
COORD T/STL EL W/ STAIR FRAMING
5 3/4" EOS
8" CMU WALL
EJ
EXIST 8"± CMU SHEAR WALL
1' - 1 5/8" EOS
W18X35`(12)
W18X40`(12)
W16X26 (14)
W18X40 (26)
W18X46 (16)
W16X26 (12)
W18X40 (15)
W18X55 (38)
W18X40
W18X46 (24)
W16X26 (24)
W16X26 (10)
W10X19
W12X19 (-6" 5 1/2")
STAIR
DECK SPAN (TYP)
MECH SHAFT (TYP). SEE ARCH AND MECH DWGS
C8X11.5
C8X8.2
BF3
BF1
W12X14 (-1 1/2")
W12X35
W12X26 (-1 1/2")
W12X19 (-1 1/2")
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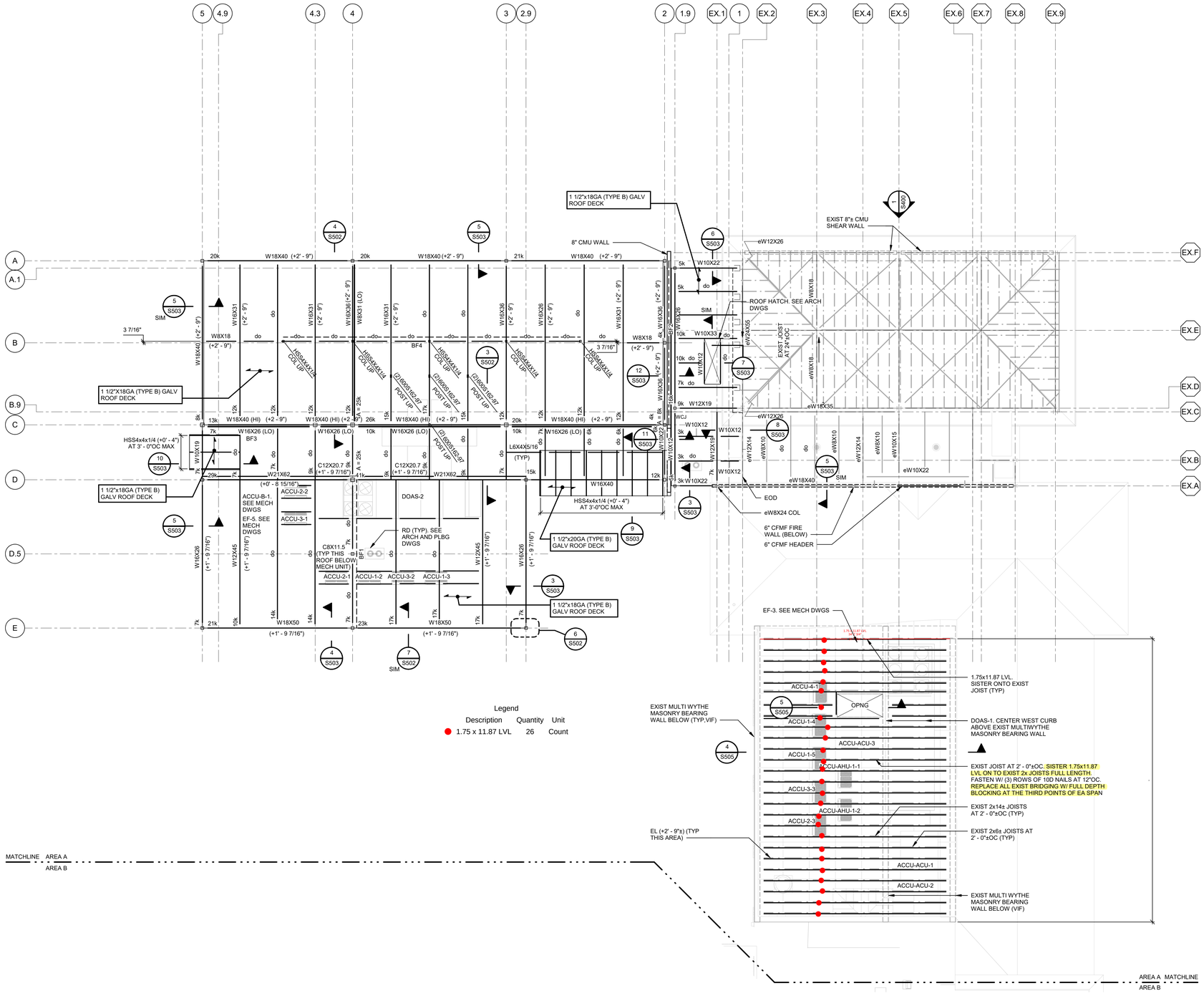

Legend

Description	Quantity	Unit
1.75 x 11.87 LVL	26	Count

1 S104 LOW ROOF/PENTHOUSE FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:
1. T/STEEL (B/DECK) ELEVATION (+35' - 10") ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED ( ) ARE TO T/STEEL (B/DECK) WITH RESPECT TO ELEVATION (+35' - 10").
3. EQUALLY SPACE ROOF BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
4. BF__ - INDICATES STEEL BRACING FRAME. SEE S500 FOR SCHEMATICS AND DETAILS.
5. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
6. EOD – INDICATES EDGE OF DECK.
7. SEE 1/S400 FOR MASONRY WALL REINFORCING REQUIREMENTS.
8. RD – INDICATES ROOF DRAIN, EF – INDICATES EXHAUST FAN, RV – INDICATES ROOF VENT, RTU – INDICATES ROOF TOP UNIT. COORDINATE SIZE AND LOCATION WITH MECHANICAL, PLUMBING AND ARCHITECTURAL DRAWINGS. PROVIDE ROOF OPENING ANGLE FRAME AT ROOF DRAINS AND OTHER OPENINGS WIDER THAN 12 INCHES, SEE 5/S501. REFER TO THE SPECIFICATIONS FOR DECK REINFORCEMENT AT OPENINGS NOT SUPPORTED BY STEEL FRAMING.
9. NOTIFY ENGINEER IF ACTUAL WEIGHTS OF MEP EQUIPMENT EXCEED WEIGHTS NOTED IN MECHANICAL ROOFTOP UNIT SCHEDULE. CONTRACTOR SHALL SUBMIT LOAD DATA TO ENGINEER FOR REVIEW PRIOR TO PROCEEDING WITH INSTALLATION OF EQUIPMENT AND ANY ASSOCIATED STRUCTURAL SUPPORTS. COORDINATE EXACT LOCATIONS OF EQUIPMENT (INCLUDING HOUSEKEEPING PADS, RAILS, STRUCTURAL FRAMING, ETC.) WITH MECHANICAL DRAWINGS AND EQUIPMENT SUPPLIERS.
10. INSTALL DECK AS MULTIPLE SPAN WITH THE HI FLUTES CUT AT THE BEAM CENTERLINE AS REQUIRED FOR DECK INSTALLATION AT END BAYS ONLY.
11. SEE S001 AND S002 FOR ADDITIONAL NOTES.
12. SEE S002 FOR STEEL BEAM LEGEND.

MECHANICAL ROOFTOP UNIT SCHEDULE

MARK	WEIGHT (lbs)
DOAS-1	13,900
DOAS-2	8,000
ACCU-B-1	650
ACCU-3-1	1,100
ACCU-2-1	1,100
ACCU-1-2	1,100
ACCU-3-2	1,100
ACCU-2-2	1,100
ACCU-1-3	1,100
ACCU-ACU-1	250
ACCU-ACU-2	250
ACCU-AHU-1-1	1,100
ACCU-AHU-1-2	1,100
ACCU-1-4	900
ACCU-1-5	1,100
ACCU-3-3	900
ACCU-2-3	1,100
ACCU-4-1	1,100

NOTES:
1. WEIGHTS LISTED ABOVE INCLUDE APPROXIMATE WEIGHT OF CURBS.
2. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR UNIT LOCATIONS NOT SHOWN.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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ISSUE	DATE
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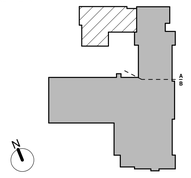
KEY PLAN



PROJECT NO.	66 - 04 - 01- 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

LOW ROOF AND PENTHOUSE FRAMING PLAN - AREA A

S104

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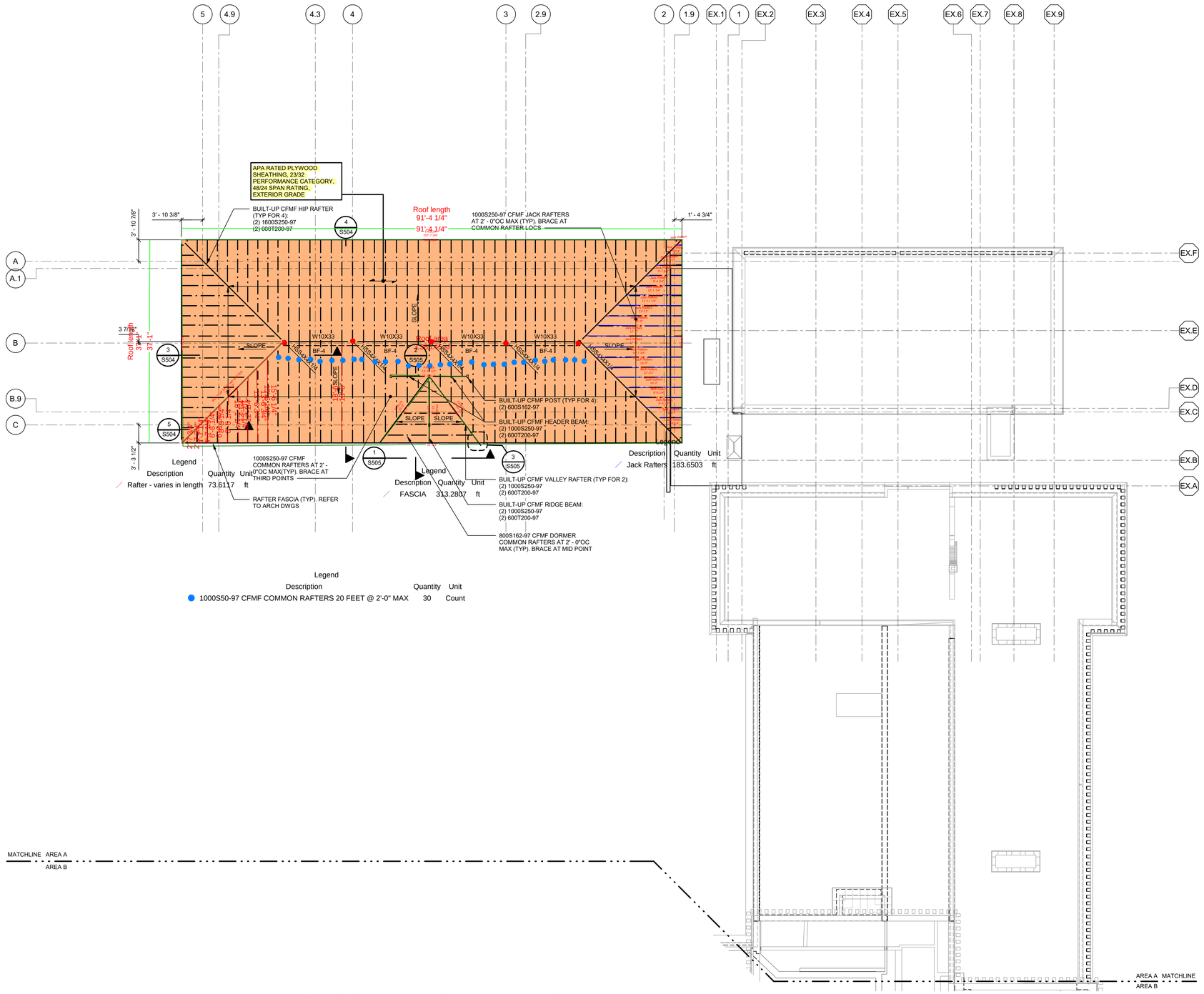

1 S105 PENTHOUSE ROOF FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:
1. T/STEEL ELEVATION (+51' - 6 7/8") ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED ( ) ARE TO T/STEEL WITH RESPECT TO ELEVATION (+51' - 6 7/8").
3. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
4. SEE S502 FOR ROOF SHEATHING FASTENING PATTERN AND SCHEDULE.
5. SEE S001 AND S002 FOR ADDITIONAL NOTES.
6. SEE S002 FOR STEEL BEAM LEGEND.

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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CERTIFICATE OF AUTHORIZATION #: 0023272

MEP CONSULTANT
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STAMFORD, CT 06905
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SARATOGA SPRINGS, NY 12866

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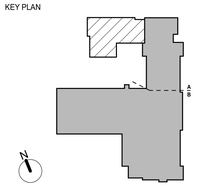
KEY PLAN



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PENTHOUSE ROOF FRAMING PLAN - AREA A

S105

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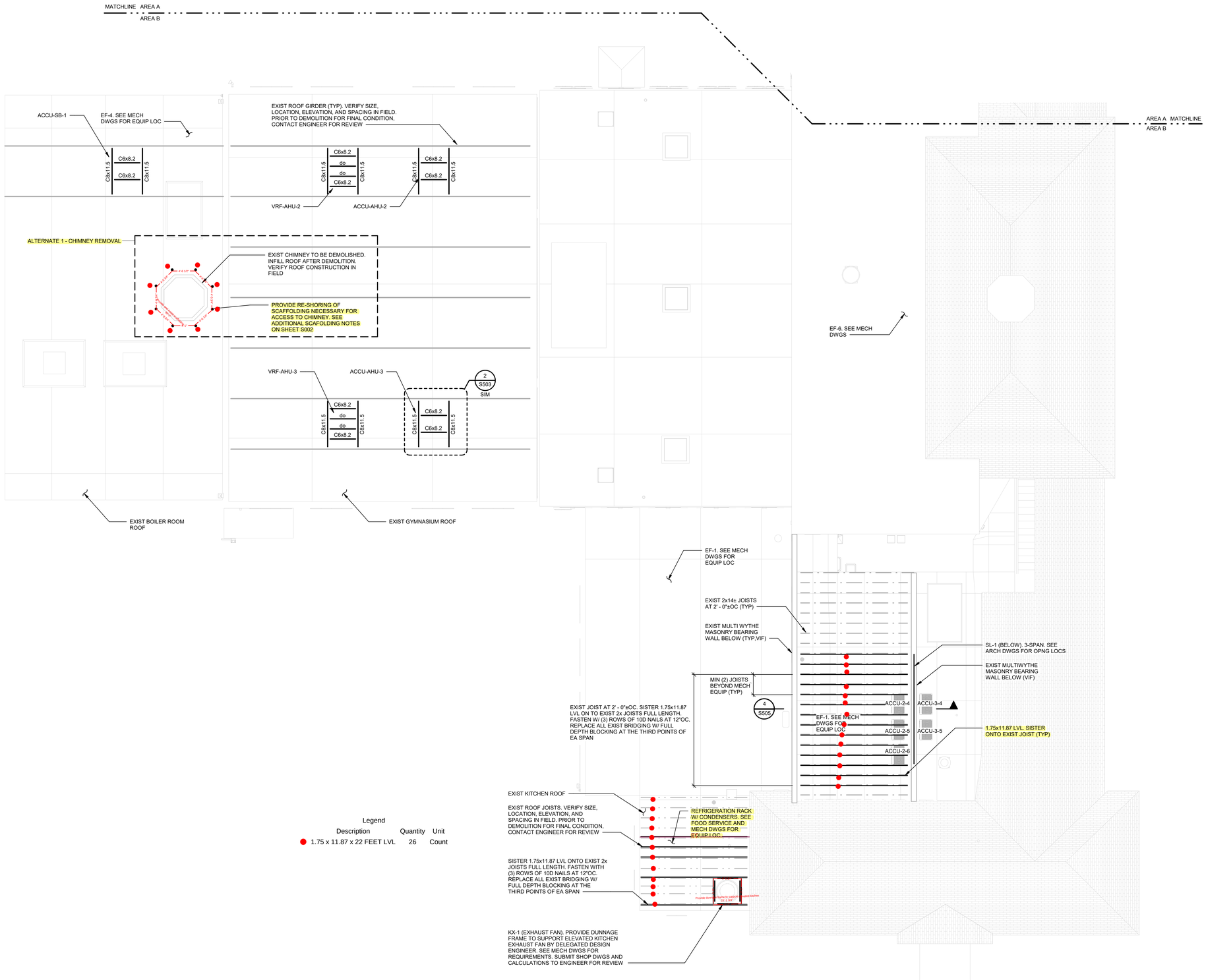

Legend

Description	Quantity	Unit
1.75 x 11.87 x 22 FEET LVL	26	Count

1 S106 ROOF FRAMING PLAN - AREA B

SCALE: 1/8" = 1'-0"

NOTES:
1. ROOF ELEVATIONS IN THIS PLAN VARY. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS WITH RESPECT TO REFERENCE ELEVATIONS FOR THE RESPECTIVE LOCATIONS IN THIS PLAN.
2. RD – INDICATES ROOF DRAIN, EF – INDICATES EXHAUST FAN, RV – INDICATES ROOF VENT, RTU – INDICATES ROOF TOP UNIT. COORDINATE SIZE AND LOCATION WITH MECHANICAL, PLUMBING AND ARCHITECTURAL DRAWINGS. PROVIDE ROOF OPENING HEADER FRAME AT ROOF DRAINS AND OTHER OPENINGS WIDER THAN 12 INCHES, SEE S502.
3. NOTIFY ENGINEER IF ACTUAL WEIGHTS OF MEP EQUIPMENT EXCEED WEIGHTS NOTED IN DRAWINGS. CONTRACTOR SHALL SUBMIT LOAD DATA TO ENGINEER FOR REVIEW PRIOR TO PROCEEDING WITH INSTALLATION OF EQUIPMENT AND ANY ASSOCIATED STRUCTURAL SUPPORTS. COORDINATE EXACT LOCATIONS OF EQUIPMENT (INCLUDING HOUSEKEEPING PADS, RAILS, STRUCTURAL FRAMING, ETC.) WITH MECHANICAL DRAWINGS AND EQUIPMENT SUPPLIERS.
4. SEE S001 AND S002 FOR ADDITIONAL NOTES.
5. SEE S001 FOR STEEL BEAM LEGEND.

MECHANICAL ROOFTOP UNIT SCHEDULE

MARK	WEIGHT (lbs)
VRF-AHU-2	3,000
VRF-AHU-3	3,000
ACCU-AHU-2	1,100
ACCU-AHU-3	1,100
ACCU-SB-1	850
ACCU-3-4	900
ACCU-3-5	1,100
ACCU-2-4	900
ACCU-2-5	1100
ACCU-2-6	1100
ACCU-COOLER	350
ACCU-FREEZER	380

NOTES:
1. WEIGHTS LISTED ABOVE INCLUDE APPROXIMATE WEIGHT OF CURBS.
2. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR UNIT LOCATIONS NOT SHOWN.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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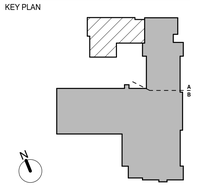

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ROOF FRAMING PLAN - AREA B

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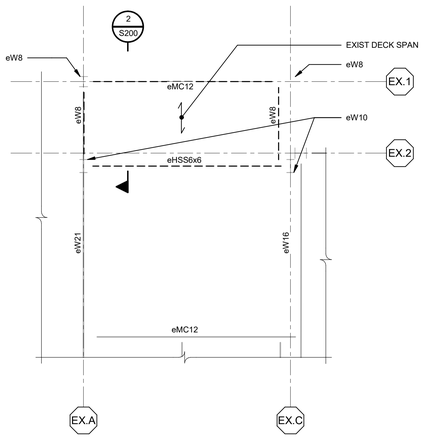
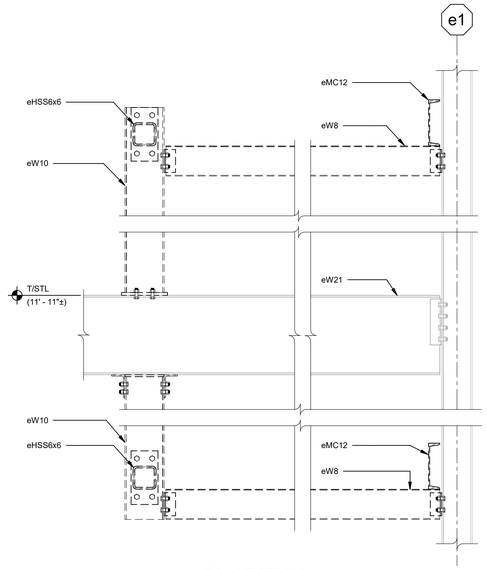


1 S200 TYPICAL INTERMEDIATE STAIR LANDING DEMOLITION PLAN

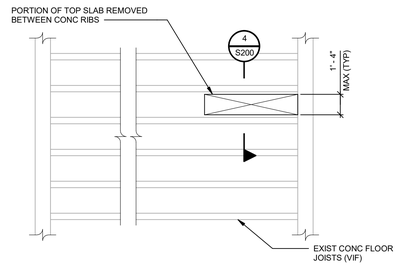
SCALE: 1/4" = 1'-0"

NOTE:
1. INTERMEDIATE LANDINGS OCCUR ABOVE GROUND FLOOR AND FIRST FLOOR. VERIFY ALL EXISTING FRAMING AND ELEVATIONS IN FIELD.
2. EXISTING STAIR, TREADS, LANDINGS, STRINGERS AND GUARDS TO BE REMOVED INCLUDING ALL FASTENERS AND HARDWARE.
3. FRAMING SHOWN IS TYPICAL. ALL HANGERS AND INTERMEDIATE SUPPORTS ARE NOT SHOWN.
4. STAIR SUPPORT/MAIN STEEL STRUCTURE SHALL REMAIN IN PLACE. DEMOLITION PLAN AND SEQUENCING SHALL BE SUBMITTED FOR REVIEW IN ACCORDANCE WITH SPECIFICATION SECTION 024115.



2 S200 SECTION

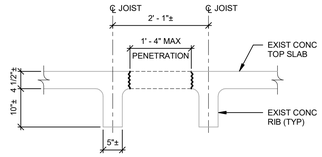
SCALE: 3/4" = 1'-0"



3 S200 EXISTING FLOOR FRAMING DEMOLITION AT DUCT PENETRATION

SCALE: 1/4" = 1'-0"

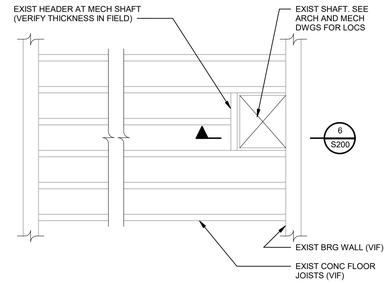
NOTE:
EXISTING FRAMING, WALLS AND SHAFT SIZES TO BE VERIFIED IN FIELD.



4 S200 FLOOR DEMOLITION SECTION

SCALE: 3/4" = 1'-0"

NOTE:
REFER TO MECHANICAL DRAWINGS FOR PENETRATION LOCATIONS.



5 S200 TYPICAL FLOOR INFILL AT EXISTING SHAFT

SCALE: 1/4" = 1'-0"

NOTE:
EXISTING FRAMING, WALLS AND SHAFT SIZES TO BE VERIFIED IN FIELD.

6 S206 FLOOR INFILL SECTION

SCALE: 3/4" = 1'-0"

NOTES:
1. EXISTING FRAMING, WALLS AND SHAFT SIZES TO BE VERIFIED IN FIELD.
2. CONTACT ENGINEER FOR REVIEW IF EXISTING SHAFT WIDTH EXCEEDS 5' - 6".
3. CONTACT ENGINEER FOR REVIEW IF EXIST HEADER IS LESS THAN 6" THICK.

7 S200 SECTION

SCALE: 3/4" = 1'-0"

NOTE:
1. VERIFY EXISTING FRAMING AND DIMENSIONS PRIOR TO DEMOLITION.
2. INSTALL SUPPLEMENTARY FRAMING, BEARINGS, AND FASTENERS. ALLOW GROUT TO CURE.
3. AFTER DEMOLITION IS COMPLETE, COAT, PRIME, AND PROVIDE COVER FOR ANY EXISTING EXPOSED REINFORCING WITH AN APPROVED REPAIR MORTAR.

8 S200 BEAM BEARING DETAIL

SCALE: 3/4" = 1'-0"

9 S200 SECTION

SCALE: 3/4" = 1'-0"

10 S200 PARTIAL PLAN AT GYMNASIUM BLEACHER

SCALE: 1/4" = 1'-0"

NOTE:
SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

11 S200 SECTION

SCALE: 1/4" = 1'-0"

NOTE:
1. CONTRACTOR TO COORDINATE ALL DIMENSIONS WITH LIFT MANUFACTURER.
2. PROVIDE MACHINE CABINET ANCHORS AT ALL ELEVATIONS PER MANUFACTURER'S STANDARD SPACING. ANCHORS SHALL BE COMPATIBLE WITH CONCRETE AND GROUTED CMU.

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PARTIAL PLANS AND DETAILS

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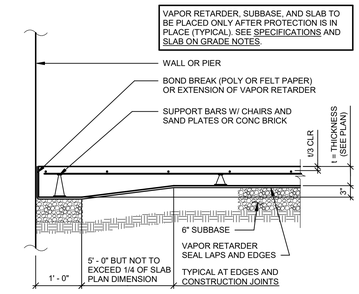
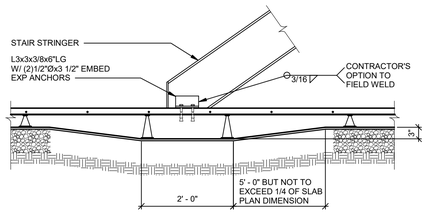
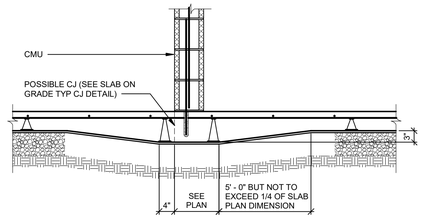


1 S300 SLAB ON GRADE TYPICAL EDGE SECTION
NOT TO SCALE



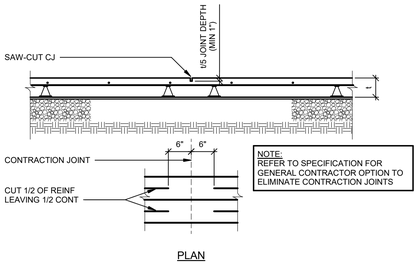
2 S300 SECTION AT THICKENED SLAB
NOT TO SCALE

NOTE:
AT EXPOSED STAIRS, LOCATE L3x3 UNDER STAIR TREAD.

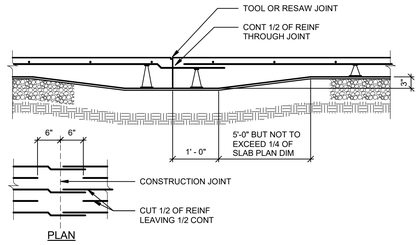


3 S300 SECTION AT THICKENED SLAB
NOT TO SCALE

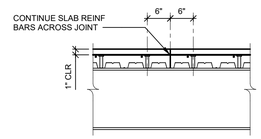
NOTE:
CONTRACTOR TO DRILL AND ADHESIVE GROUT BARS 6" MINIMUM INTO SLAB ON GRADE.



4 S300 SLAB ON GRADE CONTRACTION JOINT
NOT TO SCALE



5 S300 SLAB ON GRADE CONSTRUCTION JOINT
NOT TO SCALE

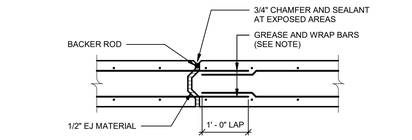


6 S300 SLAB ON DECK CONSTRUCTION JOINT
NOT TO SCALE

NOTES:
1. CJ ARE REQUIRED WHERE SHOWN ON DRAWINGS. WHERE CJ ARE NOT SHOWN SEE "OPTION FOR SLAB PLACEMENT" IN DIVISION 3 SPECIFICATIONS.
2. DO NOT LOCATE CJ OVER BEAMS OR GIRDERS.
3. FOR CJ PARALLEL TO BEAMS, LOCATE CJ BETWEEN BEAMS, AND NO CLOSER THAN 2 FEET TO BEAM CENTERLINES.
4. FOR CJ PARALLEL TO GIRDER, LOCATE CJ NO CLOSER THAN 4 FEET TO GIRDER CENTERLINE.

7 S300 WALL JOINTS
NOT TO SCALE

NOTE:
CONTRACTOR'S OPTION TO CAST PVC OR GALVANIZED STEEL CONDUIT SLEEVES INTO WALL IN LIEU OF "GREASE AND WRAP".

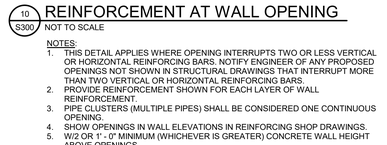


8 S300 WALL JOINT DETAIL
NOT TO SCALE

NOTES:
1. USE "A" AT WALLS GREATER THAN 12" THICK AND AT JOINTS WHICH ARE EXPOSED.
2. USE "B" AT WALLS WHICH ARE CONCEALED AND ARE 12" THICK OR LESS.
3. BACKER ROD AND SEALANT ARE ONLY REQUIRED AT EXPOSED LOCATIONS.

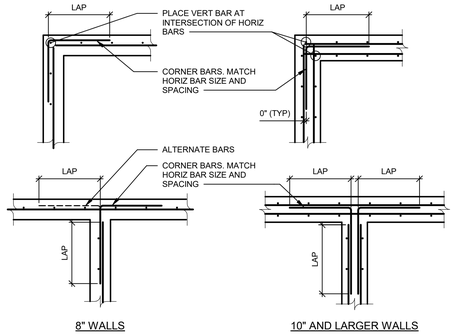
9 S300 WALL EXPANSION JOINT
NOT TO SCALE

NOTE:
CONTRACTOR'S OPTION TO CAST PVC OR GALVANIZED STEEL CONDUIT SLEEVES INTO WALL IN LIEU OF "GREASE AND WRAP".



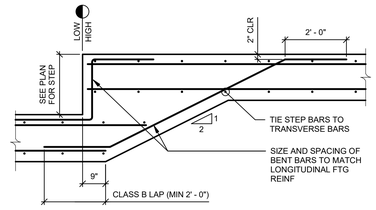
10 S300 REINFORCEMENT AT WALL OPENING
NOT TO SCALE

NOTES:
1. THIS DETAIL APPLIES WHERE OPENING INTERRUPTS TWO OR LESS VERTICAL OR HORIZONTAL REINFORCING BARS. NOTIFY ENGINEER OF ANY PROPOSED OPENINGS NOT SHOWN IN STRUCTURAL DRAWINGS THAT INTERRUPT MORE THAN TWO VERTICAL OR HORIZONTAL REINFORCING BARS.
2. PROVIDE REINFORCEMENT SHOWN FOR EACH LAYER OF WALL REINFORCEMENT.
3. PIPE CLUSTERS (MULTIPLE PIPES) SHALL BE CONSIDERED ONE CONTINUOUS OPENING.
4. SHOW OPENINGS IN WALL ELEVATIONS IN REINFORCING SHOP DRAWINGS.
5. W/2 OR 1' - 0" MINIMUM (WHICHEVER IS GREATER) CONCRETE WALL HEIGHT ABOVE OPENINGS.

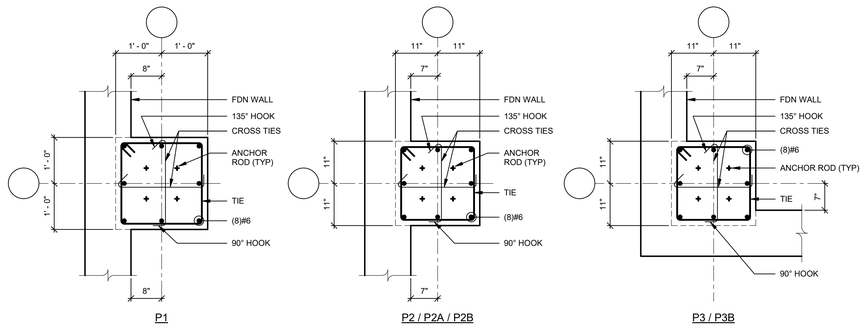


11 S300 TYPICAL WALL INTERSECTION REINFORCEMENT
NOT TO SCALE

NOTE:
LAPS ARE CLASS B, BUT NOT LESS THAN 2' - 0".

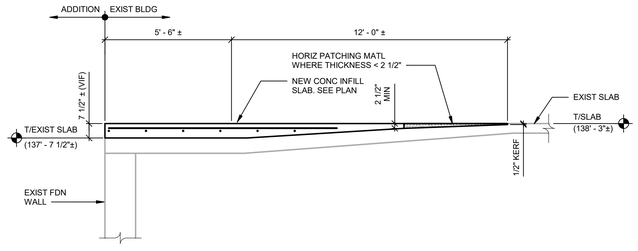


12 S300 FOOTING STEP DETAIL
SCALE: 1/2" = 1'-0"



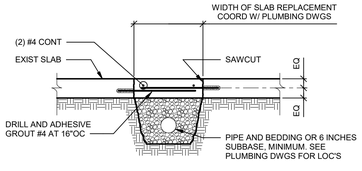
13 S300 PIER DETAILS
SCALE: 3/4" = 1'-0"

NOTES:
1. TIES ARE #3, TYPICAL UNLESS NOTED OTHERWISE. STAGGER HOOK LOCATIONS ON ALTERNATE TIES.
2. SEE 4/S301, 5/S301, AND 6/S301 FOR TIE SPACING AND SECTIONS AT PIERS.
3. CONTINUE WALL REINFORCING THROUGH PIERS.
4. SEE 9/S500 FOR BASE PLATE DETAILS AND ANCHOR ROD INFORMATION. ALSO SEE BASE PLATE SCHEDULE.
5. WHERE TOP OF FOUNDATION WALL IS HIGHER THAN TOP OF PIER, EXTEND PIER VERTICAL BARS TO 2 INCHES BELOW TOP OF WALL.
6. SEE FOUNDATION PLAN FOR WALL THICKNESSES.
7. AT PIER P_A DESIGNATIONS, FOUNDATION WALL IS NOT PRESENT. PIER DETAILING IS THE SAME. AT PIER P_B DESIGNATIONS, DIMENSION FROM CENTERLINE OF PIER TO FACE OF WALL VARIES. SEE PLAN FOR DIMENSIONS.



14 S300 SECTION AT RAMP SLAB INFILL
SCALE: 3/8" = 1'-0"

NOTE:
TOP OF SLAB ELEVATION (138' - 3"±) EQUALS REFERENCE ELEVATION (0' - 0"). VERIFY ACTUAL ELEVATION IN FIELD.



15 S300 SLAB SECTION AT PIPE
NOT TO SCALE

NOTES:
1. PROVIDE BEDDING STONE AT PIPE TRENCHES. PROVIDE 6 INCHES OF SUBBASE AT SLAB ON GRADE INFILLS.
2. WHERE WIDTH OF SLAB REPLACEMENTS EXCEEDS 2'-0", PROVIDE #4 AT 16 INCHES ONN CENTER, EACH WAY, DRILLED AND ADHESIVE GEROUT INTO EXISTING.
3. DO NOT UNDERMINE EXISTING SLAB.
4. PROVIDE CONTROL JOINTS AT 15'-0" ON CENTER MAXIMUM ALONG THE LENGTH OF SLAB PLACEMENT.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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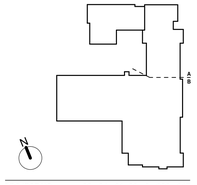
SEAL

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01- 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

CONCRETE SECTIONS AND DETAILS

S300

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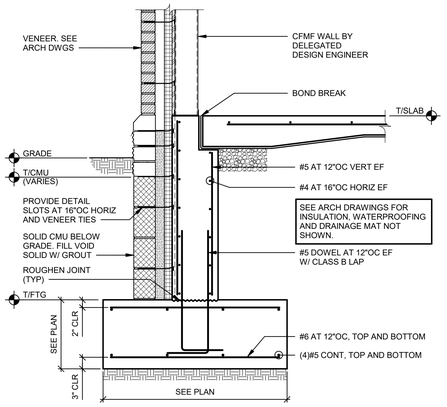
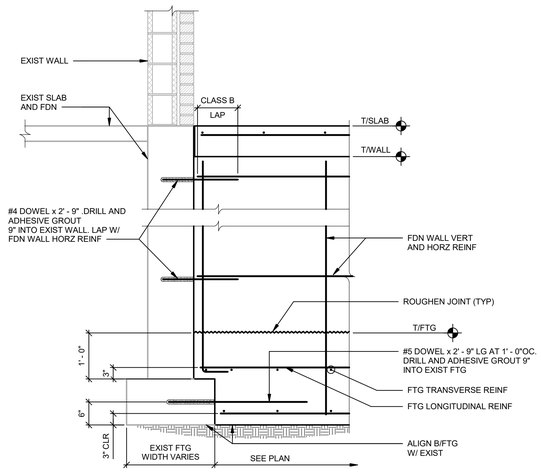


1 S301 SECTION AT FOUNDATION

SCALE: 3/4" = 1'-0"

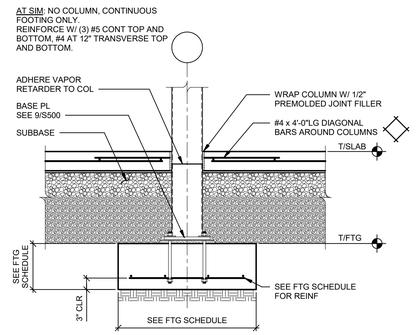
NOTE:
CONTRACTOR SHALL PROVIDE SUPPORTS AS REQD TO ACCURATELY PLACE AND HOLD DOWELS IN POSITION PRIOR TO PLACING CONC. SEE SPECIFICATIONS. WET SETTING OF REINF IS NOT PERMITTED.



2 S301 SECTION AT EXISTING FOUNDATION WALL

SCALE: 3/4" = 1'-0"

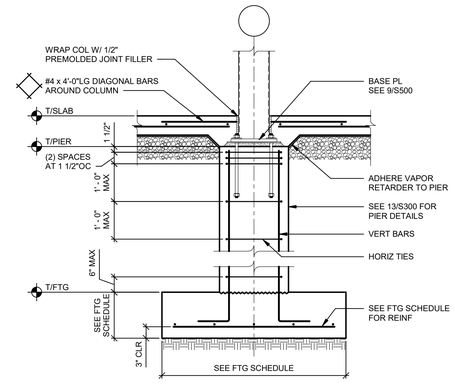
NOTES:
1. EXISTING FOOTING CONDITIONS MAY VARY AT DIFFERENT LOCATIONS. VERIFY IN FIELD.
2. WHERE FOUNDATION WALL IS PARALLEL TO EXISTING FOUNDATION WALL, PROVIDE DOWEL BAR AT CENTERLINE OF EXISTING WALL.



3 S301 SECTION AT INTERIOR FOOTING

SCALE: 3/4" = 1'-0"

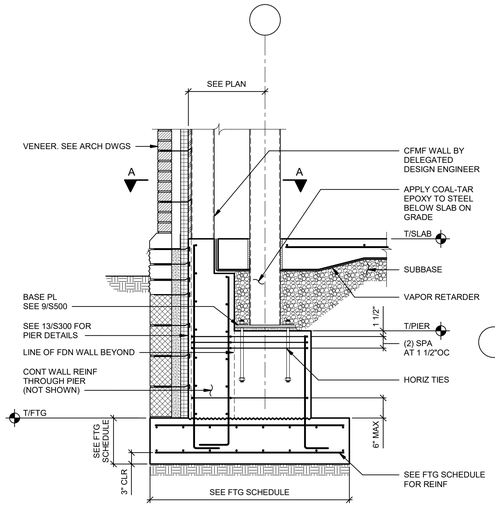
NOTE:
REQUIRES COLUMN BASE TO BE COATED WITH COAL TAR EPOXY.



4 S301 SECTION AT INTERIOR PIER

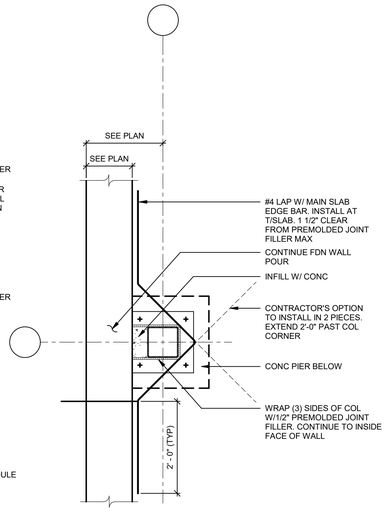
SCALE: 3/4" = 1'-0"

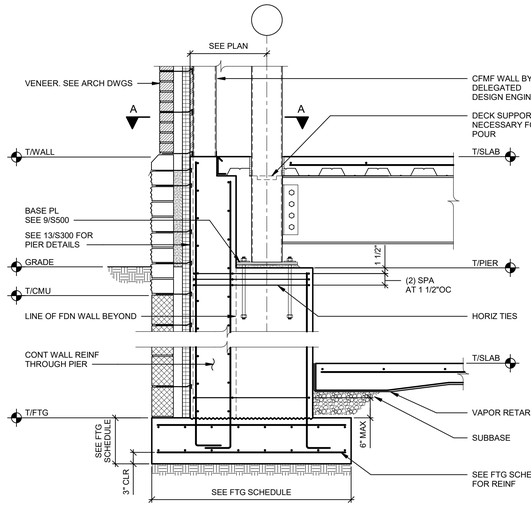
NOTE:
CONTRACTOR SHALL PROVIDE SUPPORTS AS REQUIRED TO ACCURATELY PLACE AND HOLD DOWELS IN POSITION PRIOR TO PLACING CONCRETE. SEE SPECIFICATIONS. WET SETTING OF REINFORCING IS NOT PERMITTED.



5 S301 SECTION AT EXTERIOR PIER

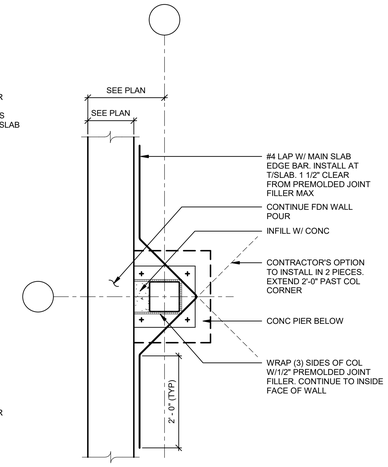
SCALE: 3/4" = 1'-0"

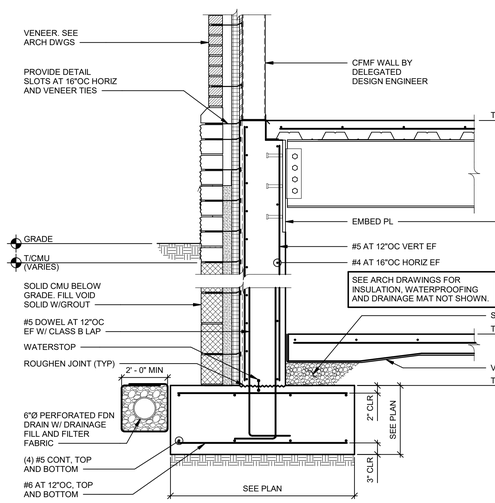




6 S301 SECTION AT EXTERIOR PIER (BASEMENT)

SCALE: 3/4" = 1'-0"

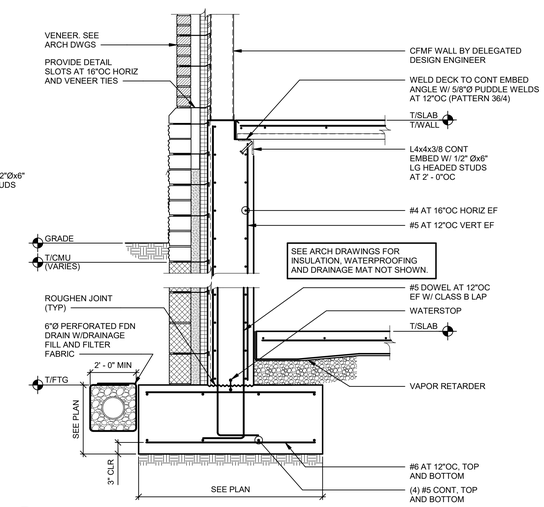




7 S301 SECTION AT FOUNDATION (BASEMENT)

SCALE: 3/4" = 1'-0"

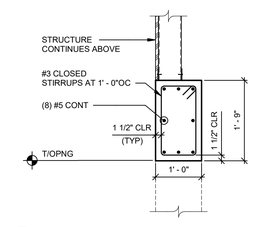
NOTES:
1. CONTRACTOR SHALL PROVIDE SUPPORTS AS REQUIRED TO ACCURATELY PLACE AND HOLD DOWELS IN POSITION PRIOR TO PLACING CONCRETE. SEE SPECIFICATIONS. WET SETTING OF REINFORCEMENT IS NOT PERMITTED.
2. SEE SITE DRAWINGS FOR FOUNDATION DRAIN ELEVATION AND LOCATION.



8 S301 DECK BEARING SECTION AT FOUNDATION (BASEMENT)

SCALE: 3/4" = 1'-0"

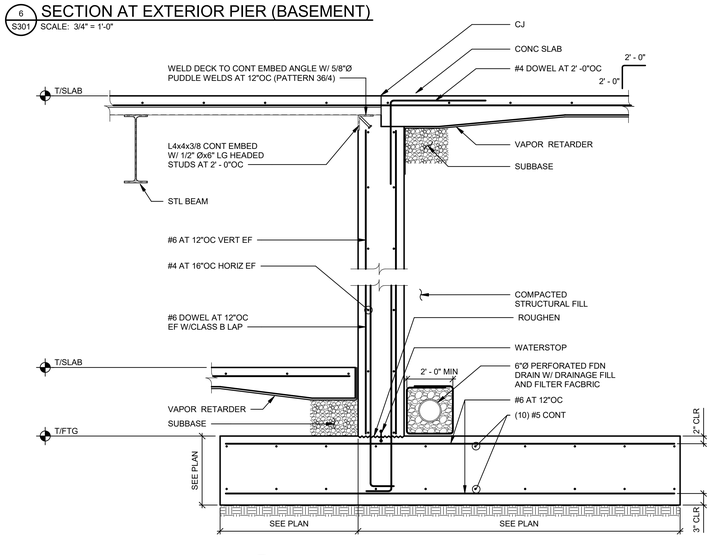
NOTES:
1. CONTRACTOR SHALL PROVIDE SUPPORTS AS REQUIRED TO ACCURATELY PLACE AND HOLD DOWELS IN POSITION PRIOR TO PLACING CONCRETE. SEE SPECIFICATIONS. WET SETTING OF REINFORCEMENT IS NOT PERMITTED.
2. SEE SITE DRAWINGS FOR FOUNDATION DRAIN ELEVATIONS AND LOCATION.



9 S301 SECTION AT WALL OPENING

SCALE: 3/4" = 1'-0"

NOTES:
1. SEE PLAN FOR BEAM DIMENSIONS.
2. PROVIDE ADDITIONAL WALL REINFORCEMENT AS DETAILED IN "REINFORCEMENT AT WALL OPENING", SEE S300.
3. STIRRUPS ARE FULL LENGTH OF THE BEAM AT THE SPACING SPECIFIED. MAXIMUM DISTANCE FOR FIRST STIRRUP FROM EACH END OF THE BEAM SHALL BE 3 INCHES MAXIMUM.



10 S301 SECTION AT FOUNDATION

SCALE: 3/4" = 1'-0"

NOTES:
1. CONTRACTOR SHALL PROVIDE SUPPORTS AS REQUIRED TO ACCURATELY PLACE AND HOLD DOWELS IN POSITION PRIOR TO PLACING CONCRETE. SEE SPECIFICATIONS. WET SETTING OF REINFORCEMENT IS NOT PERMITTED.
2. SEE SITE DRAWINGS FOR FOUNDATION DRAIN ELEVATIONS AND LOCATION.

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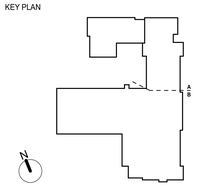

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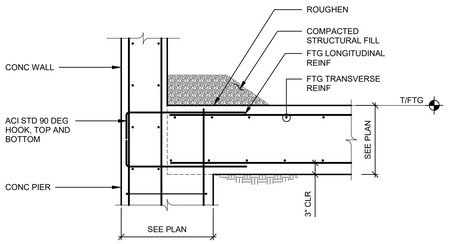
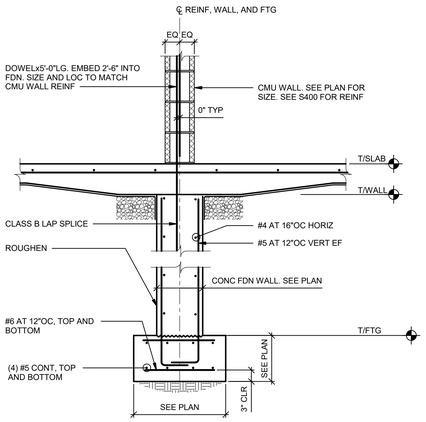
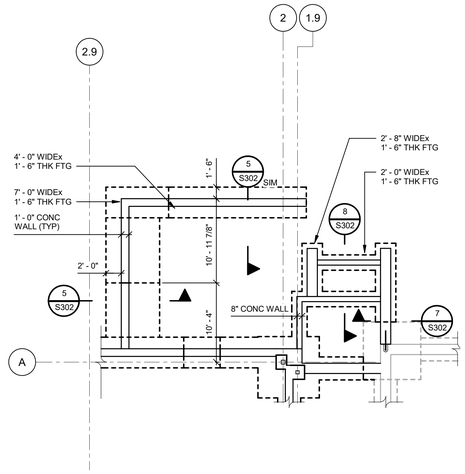


1 S302 SECTION
SCALE: 3/4" = 1'-0"

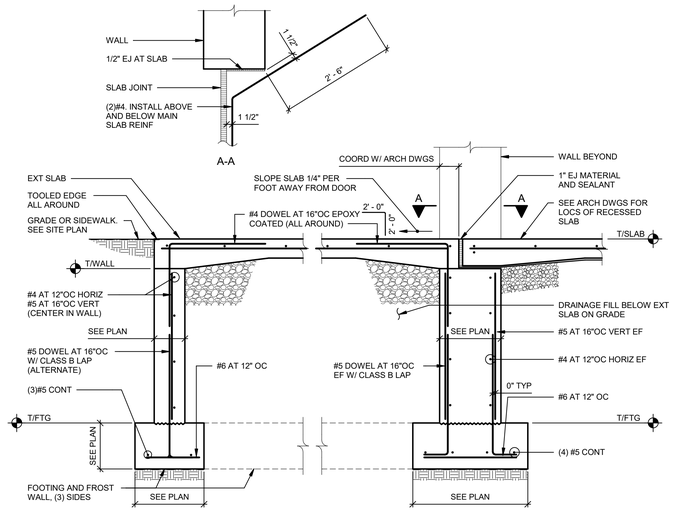


2 S302 SECTION AT FOUNDATION
SCALE: 3/4" = 1'-0"



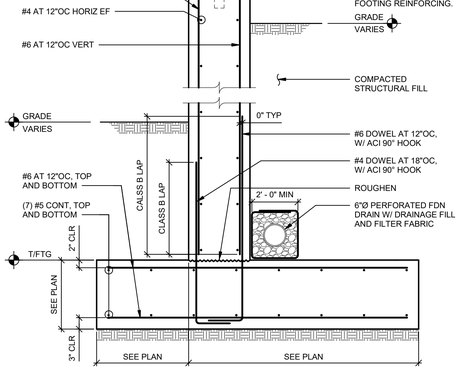
3 S302 PARTIAL FOUNDATION PLAN - NORTH ENTRANCE
SCALE: 1/8" = 1'-0"

NOTE:
COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL LAYOUT REQUIREMENTS AND SITE DRAWINGS.



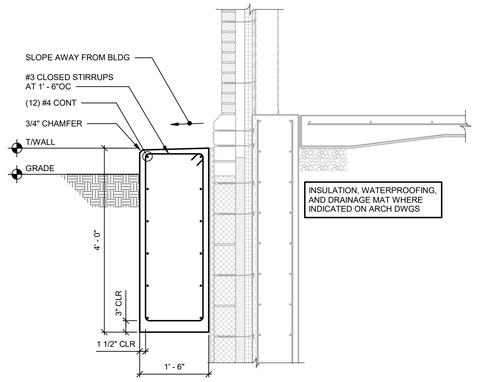
4 S302 SECTION AT EXTERIOR SLAB WITH FROST WALLS
NOT TO SCALE

NOTES:
1. CONTRACTOR'S OPTION TO PLACE MAT FOOTING IN LIEU OF INDIVIDUAL WALL FOOTINGS. REINFORCE MAT WITH #5 AT 16"OC EACH WAY (TOP AND BOTTOM) AND PROVIDE DRAIN HOLE AT CENTER OF MAT (6" Ø OR 6" SQUARE).
2. REINFORCE EXTERIOR SLABS WITH #4 AT 16"OC, EACH WAY, EPOXY-COATED.



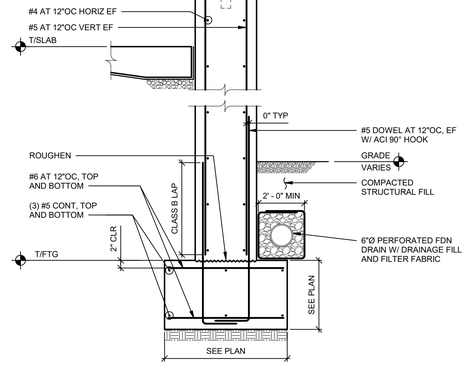
5 S302 SECTION AT RETAINING WALL
SCALE: 3/4" = 1'-0"

NOTES:
1. SEE SITE DRAWINGS FOR TOP OF WALL AND FOUNDATION DRAIN ELEVATIONS AND LOCATION.
2. TOE WIDTHS ARE INDICATED ON FOUNDATION PLAN AND SHALL BE USED TO ESTABLISH WALL ORIENTATION.



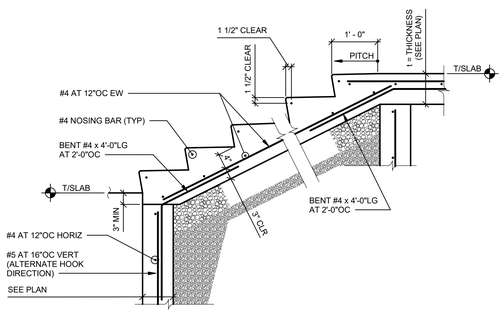
6 S302 SECTION AT STORMWATER PLANTER
SCALE: 3/4" = 1'-0"

NOTE:
SEE SITE AND ARCHITECTURAL DRAWINGS FOR INFORMATION NOT SHOWN.



7 S302 SECTION AT FOUNDATION WALL
SCALE: 3/4" = 1'-0"

NOTES:
1. SEE SITE DRAWINGS FOR TOP OF WALL AND FOUNDATION DRAIN ELEVATIONS AND LOCATION.



8 S302 SECTION AT STAIR ON GRADE
SCALE: 3/4" = 1'-0"

NOTES:
1. SEE ARCHITECTURAL AND SITE DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL REINFORCING IN STAIRS, INCLUDING DOWELS, SHALL BE EPOXY COATED.

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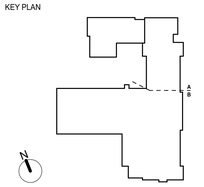

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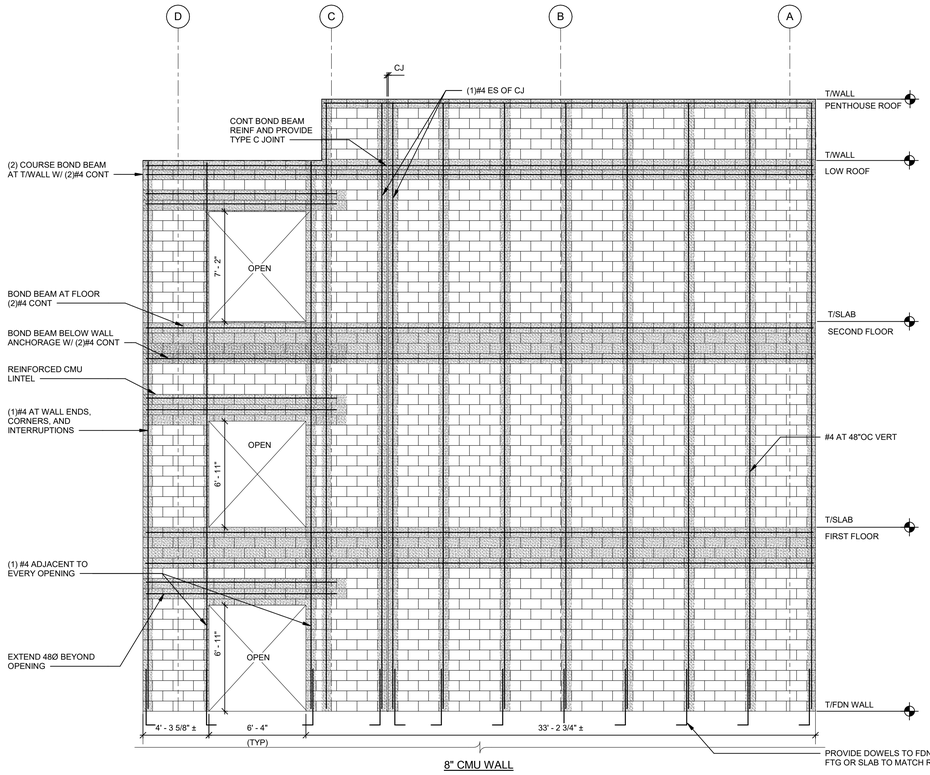
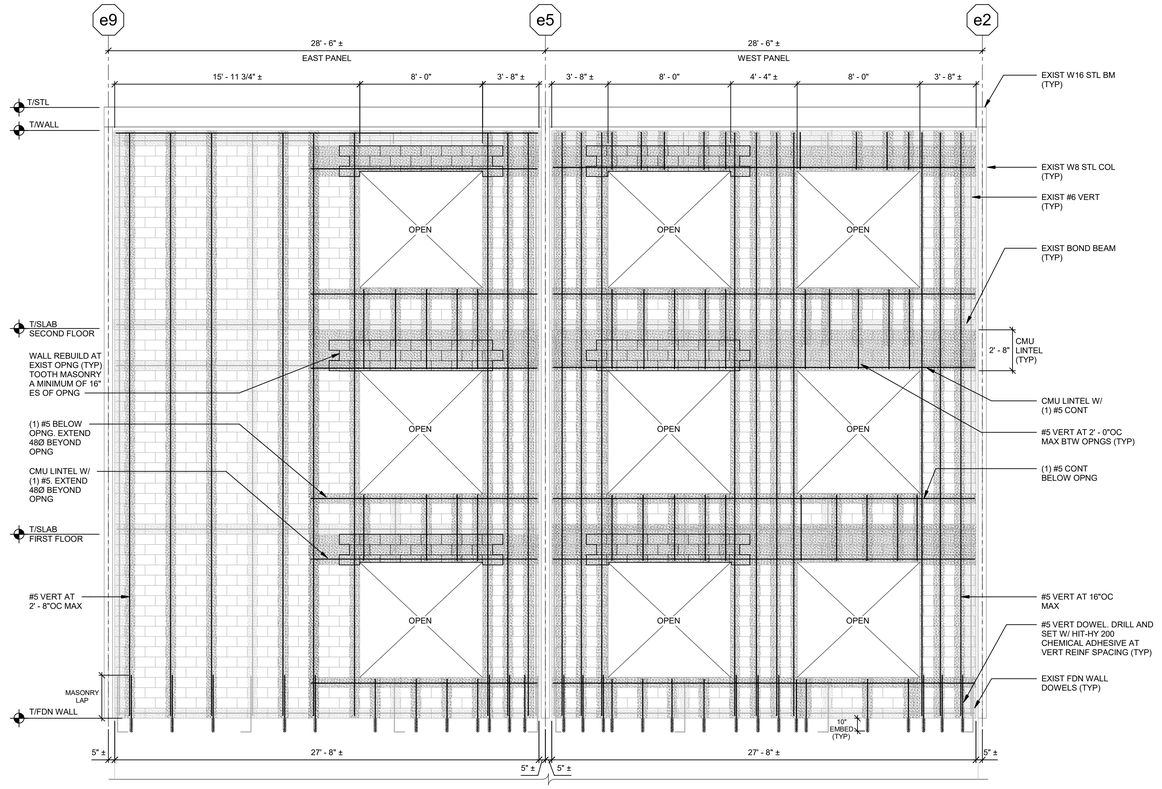


8" CMU WALL



1997 BUILDING NORTH SHEAR WALL (EXISTING LINE F)

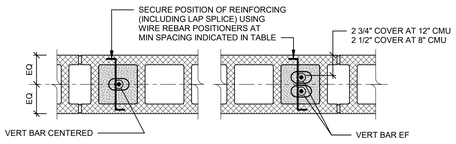
1 S400 MASONRY WALL REINFORCING ELEVATIONS

NOT TO SCALE

NOTES:

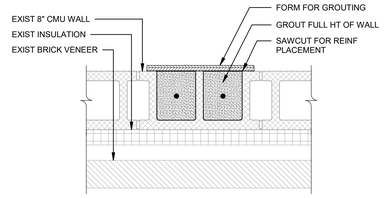
1. REINFORCING SHOWN IS TYPICAL UNLESS NOTED.
2. LAP REINFORCING BARS AS INDICATED IN THE MASONRY NOTES ON S002.
3. PROVIDE (2) W1.7 MINIMUM LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16"OC AND AT TOP TWO COURSES UNLESS NOTED OTHERWISE.
4. AT INTERIOR PARTITIONS, WHERE NO FOUNDATION WALL IS PRESENT, PROVIDE (1) #4 CONTINUOUS IN SLAB (TYPICAL).
5. AT INTERIOR, NON-LOAD BEARING PARTITIONS, TOP OF PARTITION SHALL BE 1" MINIMUM BELOW FRAMING MEMBERS, SLABS, PLANK, OR DECK TO ALLOW FOR DEFLECTION OF STRUCTURE ABOVE. BRACE TOP OF PARTITION.
6. OPENINGS ARE NOT PERMITTED IN FIRE WALLS AND SHEAR WALLS EXCEPT WHERE SHOWN ON THE STRUCTURAL DRAWINGS.
7. SEE 3/S400 FOR REINFORCING EXISTING CMU WALL.
8. COORDINATE EXISTING OPENINGS, INFILLS AND PROPOSED MASONRY OPENING WITH ARCHITECTURAL DRAWINGS.
9. PROVIDE PENETRATIONS PER MECHANICAL DRAWINGS WITH STEEL LINTELS. LINTELS SHALL BE AS NOTED ON 3/S401.

REBAR POSITIONER SPACING	
BAR SIZE	MAX VERTICAL SPACING
#4	56 INCHES
#5	64 INCHES
#6	80 INCHES



2 S400 REINFORCING IN CMU CORES

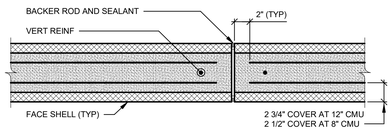
NOT TO SCALE



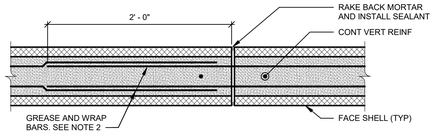
3 S400 REINFORCING IN EXISTING CORES

NOT TO SCALE

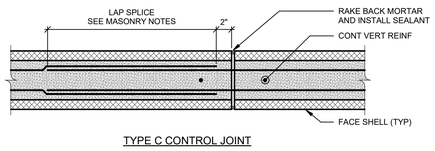
NOTE:
SEE MASONRY WALL ELEVATION FOR REINFORCING LOCATIONS.



TYPE A CONTROL JOINT



TYPE B CONTROL JOINT

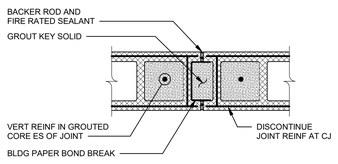


TYPE C CONTROL JOINT

4 S400 CONTROL JOINTS AT BOND BEAMS

NOT TO SCALE

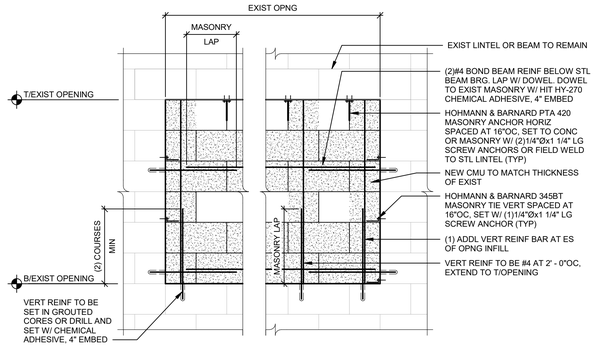
NOTE:
CONTRACTOR'S OPTION TO CASE PVC OR GALVANIZED STEEL CONDUIT SLEEVES INTO WALL IN LIEU OF "GREASE AND WRAP".



FIRE RATED WALLS OR UNRATED WALLS

5 S400 WALL CONTROL JOINT DETAIL

NOT TO SCALE

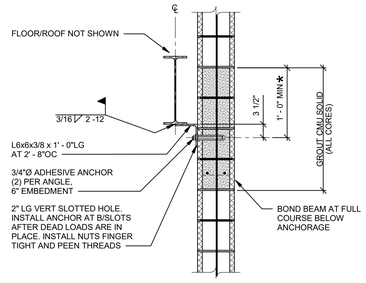


6 S400 TYPICAL MASONRY WALL INFILL REINFORCING ELEVATION

NOT TO SCALE

NOTES:

1. PROVIDE LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16"OC AND AT TOP OF TWO COURSES UNLESS NOTED OTHERWISE.
2. PROVIDE ADDITIONAL CMU OR BRICK FLUSH TO OUTSIDE FACE OF EXISTING VENEER, GROUT CORNER JOINT SOLID.



7 S400 CMU WALL ANCHORAGE DETAIL

NOT TO SCALE

NOTE:
★ - INDICATES EXTEND GROUT TO INCLUDE FULL HEIGHT OF COURSE.

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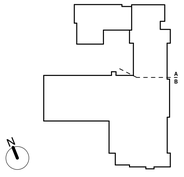
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



PROJECT NO.	66 - 04 - 01- 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

MASONRY SECTIONS AND DETAILS

S400

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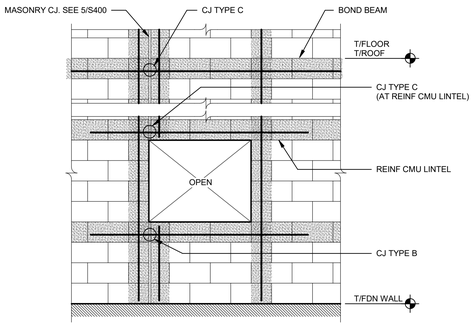
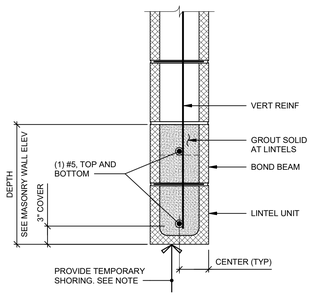


1 S401 WALL ELEVATION AT CONTROL JOINT

NOT TO SCALE

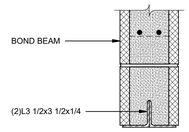
NOTES:
1. SEE 5/S400 FOR DETAILS OF TYPE A, B, AND C CONTROL JOINTS AT BOND BEAMS.
2. SEE 1/460 MASONRY WALL REINFORCING ELEVATIONS FOR ADDITIONAL INFORMATION.
3. PROVIDE LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16"OC AND AT TOP OF TWO COURSES UNLESS NOTED OTHERWISE.



2 S401 SECTION - REINFORCED CMU LINTEL

SCALE: 1 1/2" = 1'-0"

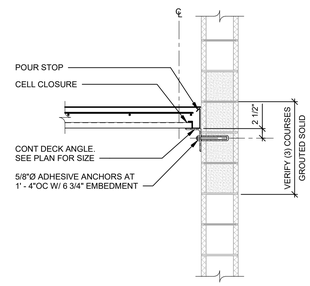
NOTE:
SHORE REINFORCED CMU LINTEL UNTIL MASONRY (INCLUDING GROUT) ABOVE LINTEL HAS CURED A MINIMUM OF 14 DAYS.



3 S401 LINTEL SECTION

SCALE: 1 1/2" = 1'-0"

NOTES:
1. THIS DETAIL APPLIES TO OPENINGS FOR MECHANICAL PENETRATION THROUGH THE CMU WALL IN THE CLASSROOM ADDITION.
2. PENETRATIONS ARE NOT SHOWN IN THE STRUCTURAL DRAWINGS.
3. MAXIMUM MASONRY OPENING IS 3 FEET.
4. LINTELS SHALL HAVE A MINIMUM OF 8 INCHES BEARING AT EACH END.



4 S401 DECK BEARING AT CMU WALL

SCALE: 3/4" = 1'-0"

NOTE:
FIELD VERIFY EXISTING COURSES ARE GROUTED SOLID. IF COURSES ARE UNGROUTED, THROUGH-BOLT CONNECTION IS REQUIRED. CONTACT ENGINEER FOR REVIEW.

STEEL LINTEL SCHEDULE

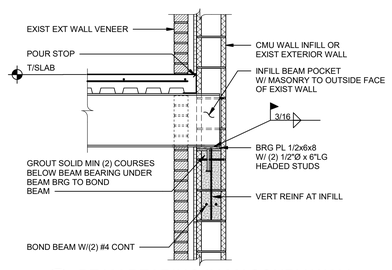
MARK	STEEL MEMBER(S)	REMARKS
SL-1	(3)L5x3 1/2x5/16 (LLV)	SEE 6/S401
SL-2	HSS8x4x1/4 (+℄)	SEE 7/S401
SL-3	HSS10x4x1/4 (+℄)	SEE 7/S401

NOTES:
1. REFER TO APPLICABLE DETAILS TO DETERMINE IF TEMPORARY SUPPORT IS REQUIRED FOR LINTEL INSTALLATION.
2. ALL EXTERIOR LINTELS SHALL BE HOT DIPPED GALVANIZED.
3. SEE MASONRY OPENING SCHEDULE FOR LOCATIONS AND MARK IN EXISTING BUILDING.
4. MINIMUM END BEARING LENGTH FOR ALL STEEL LINTELS SHALL BE 8 INCHES.

MASONRY OPENING SCHEDULE

LOCATION (ROOM)	MASONRY OPENING	STEEL LINTEL MARK	SHORING LOAD
1B - MAIN OFFICE (104)	6' - 3"	SL - 3	DL: 1280 plf, LL: 480 plf
1B - CORRIDOR (104A)	3' - 0"	SL - 1	N/A
2A - BAND/ORCHESTRA (210)	6' - 0"	SL - 2	DL: 830 plf, LL: 380 plf
2A - BAND/ORCHESTRA (210)	6' - 3"	SL - 3	DL: 1860 plf, LL: 560 plf
2A - MUSIC PRACTICE (211B)	3' - 0"	SL - 1	N/A
2B - LIBRARY (208B)	5' - 10"	SL - 3	DL: 1390 plf, SL: 480 plf
2B - TEACHER WORK ROOM (206B)	3' - 4"	SL - 1	N/A
2B - MENTAL HEALTH CLINIC (203) GIRLS TLT (205) JANITOR (205A)	SEE PLAN (S106)	SL - 1	N/A

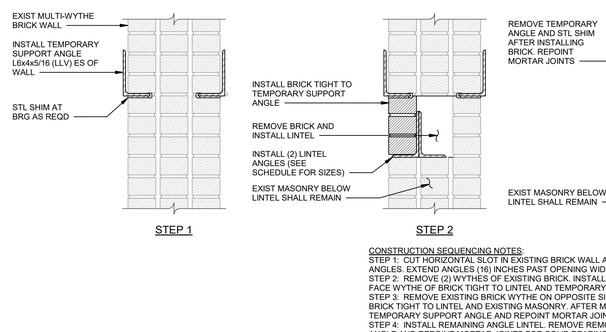
NOTES:
1. MASONRY OPENINGS ARE PROVIDED FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR CONFIRMATION OF OPENING SIZES.
2. REFER TO STEEL LINTEL SCHEDULE FOR STEEL LINTEL MEMBERS.
3. CONTACT ENGINEER IF PROPOSED MASONRY OPENING EXCEEDS THAT WHICH IS SCHEDULED.
4. PROVIDE SHORING TO MEET THE INDICATED LOADING ON EACH SIDE OF PROPOSED MASONRY OPENING AS INDICATED PRIOR TO DEMOLITION. SHORING SHALL BEAR ON GRADE. WHERE SHORING IS REQUIRED AT ELEVATED LEVELS, RE-SHORING TO GRADE IS REQUIRED. SUBMIT SHORING PLANS AND CALCULATIONS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK FOR REVIEW.



5 S401 BEAM BEARING IN MASONRY WALL

SCALE: 3/4" = 1'-0"

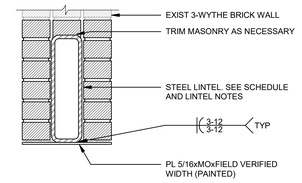
NOTE:
1. CONTRACTOR'S OPTION TO USE THREADED ROD WITH TACK WELDED NUT IN LIEU OF HEADED STUDS.
2. SEE TYPICAL MASONRY WALL INFILL REINFORCING ELEVATION, DETAIL 6/S400 FOR ADDITIONAL REQUIREMENTS.
3. WHERE BEAM IS PROPOSED TO BEAR ON EXISTING EXTERIOR WALL, REMOVE MINIMUM OF (2) COURSES BELOW BEARING. REBUILD COURSES AND GROUT SOLID. INFILL BEAM POCKET AS SHOWN ABOVE.



CONSTRUCTION SEQUENCING NOTES:
STEP 1: CUT HORIZONTAL SLOT IN EXISTING BRICK WALL AND INSTALL TEMPORARY SUPPORT ANGLES. EXTEND ANGLES (16) INCHES PAST OPENING WIDTH EACH SIDE. SHIM TIGHT AT BEARINGS.
STEP 2: REMOVE (2) WYTHES OF EXISTING BRICK. INSTALL DOUBLE ANGLE LINTEL, THEN INSTALL FACE WYTHE OF BRICK TIGHT TO LINTEL AND TEMPORARY SUPPORT ANGLE.
STEP 3: REMOVE EXISTING BRICK WYTHE ON OPPOSITE SIDE OF WALL. INSTALL CENTER WYTHE OF BRICK TIGHT TO LINTEL AND EXISTING MASONRY. AFTER MASONRY HAS CURED, REMOVE (1) TEMPORARY SUPPORT ANGLE AND REPOINT MORTAR JOINTS FOR SOLID BEARING.
STEP 4: INSTALL REMAINING ANGLE LINTEL. REMOVE REMOVE REMAINING TEMPORARY SUPPORT ANGLE AND REPOINT MORTAR JOINTS FOR SOLID BEARING AT JAMBS. INSTALL BRICK TIGHT TO LINTEL AND EXISTING MASONRY. REMOVE BRICK BELOW LINTEL FOR REQUIRED MASONRY OPENING.

6 S401 LINTEL DETAIL

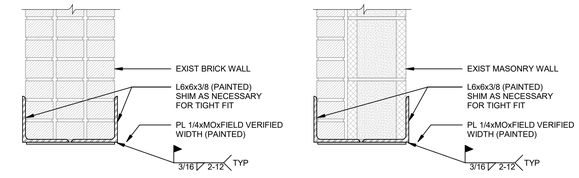
NOT TO SCALE



7 S401 SECTION AT LINTEL IN EXISTING WALL

NOT TO SCALE

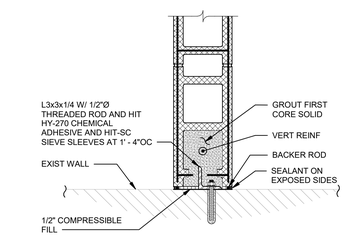
NOTES:
1. PROVIDE TEMPORARY SUPPORT FOR MASONRY ABOVE PROPOSED OPENING.
2. SAWCUT EXISTING MORTAR JOINT ALONG PROPOSED MASONRY OPENING AND REMOVE MASONRY BELOW PROPOSED OPENING.
3. INSTALL STEEL BEAM AND PLATES.
4. INFILL BEAM POCKETS WITH MASONRY.
5. REPOINT VOIDS IN MORTAR JOINTS IN LINTEL AND JAMBS.



8 S401 SECTION AT LINTEL IN EXISTING INTERIOR WALL

NOT TO SCALE

NOTES:
1. THIS DETAIL APPLIES TO OPENINGS FOR MECHANICAL PENETRATIONS THROUGH EXISTING WALLS. MAXIMUM MASONRY OPENING IS 48 INCHES.
2. WHERE PROPOSED OPENINGS ARE LESS THAN 8 INCHES IN WIDTH, A LINTEL IS NOT NEEDED GIVEN THAT A MINIMUM OF 8 INCHES OF MASONRY REMAINS ABOVE OPENING.
3. WHERE PROPOSED OPENINGS ARE ADJACENT TO EACH OTHER, A MINIMUM OF 16 INCHES OF MASONRY SHALL REMAIN AFTER OPENINGS ARE CUT.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. SAWCUT EXISTING MORTAR JOINT ON ONE SIDE OF WALL BY DEPTH, LENGTH AND THICKNESS OF ANGLE.
6. INSERT ANGLE.
7. REPEAT STEPS 1 AND 2 ON OPPOSITE SIDE OF WALL.
8. FOR BRICK WALL WITH CMU BACKUP, SAWCUT MORTAR JOINTS SHALL ALIGN HORIZONTALLY EACH SIDE.
9. REMOVE MASONRY FOR NEW MASONRY OPENING.
10. INSTALL PLATE AND TOUCH-UP PAINT.
11. REPOINT VOIDS IN MORTAR JOINTS IN JAMBS.



9 S401 WALL CONTROL JOINT AT EXISTING WALL

NOT TO SCALE

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2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUE	DATE

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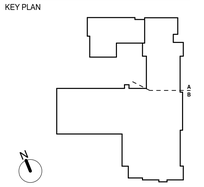

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MASONRY SECTIONS AND DETAILS

S401

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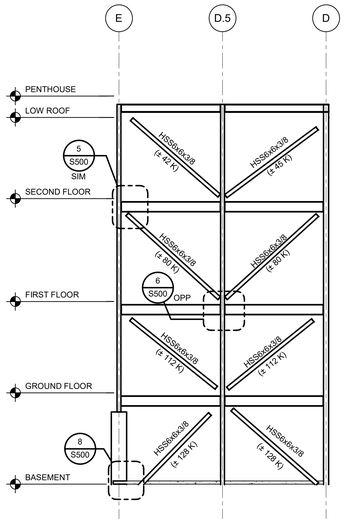
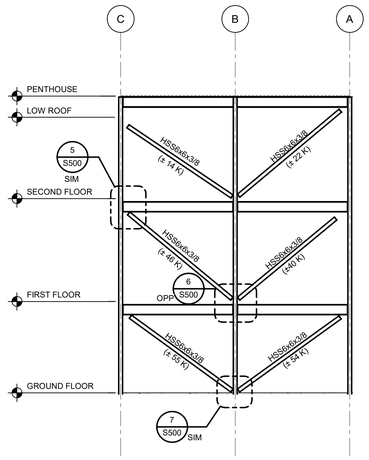


1 S500 BRACED FRAME 1 ELEVATION

NOT TO SCALE

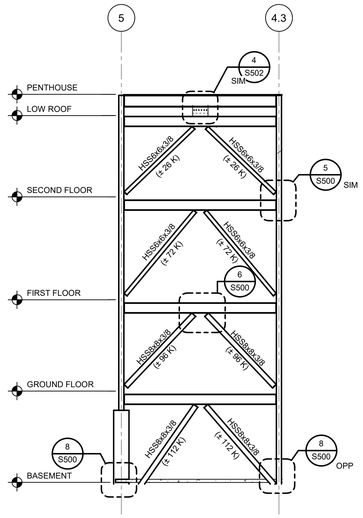
NOTE:
( ) INDICATES LRFD AXIAL FORCE IN KIPS
(TENSION OR COMPRESSION).



2 S500 BRACED FRAME 2 ELEVATION

NOT TO SCALE

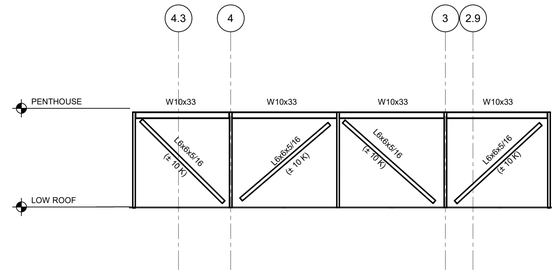
NOTE:
( ) INDICATES LRFD AXIAL FORCE IN KIPS
(TENSION OR COMPRESSION).



3 S500 BRACED FRAME 3 ELEVATION

NOT TO SCALE

NOTE:
( ) INDICATES LRFD AXIAL FORCE IN KIPS
(TENSION OR COMPRESSION).



4 S500 BRACED FRAME 4 ELEVATION

NOT TO SCALE

NOTE:
( ) INDICATES LRFD AXIAL FORCE IN KIPS
(TENSION OR COMPRESSION).

COLUMN SCHEDULE

MARK	SIZE
C1	HSS5x5x1/4
C2	HSS6x6x3/8
C3	HSS6x6x1/2
C4	HSS8x8x3/8

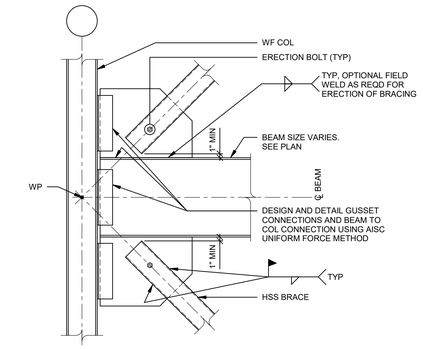
BASE PLATE SCHEDULE

MARK	THICKNESS x B x W	ANCHOR ROD MARK
BP1	3/4" x 14" x 1' - 2"	AR1
BP1A	3/4" x 14" x 1' - 2"	AR1
BP2	1" x 14" x 1' - 2"	AR1
BP3	1" x 16" x 1' - 4"	AR1
BP4	1 1/4" x 14" x 1' - 2"	AR2
BP5	1 1/4" x 16" x 1' - 4"	AR1

ANCHOR ROD SCHEDULE

MARK	ANCHOR ROD DIAMETER	GRADE	EMBED DEPTH	BASE PLATE HOLE DIAMETER	MINIMUM WASHER DIMENSIONS
AR1	3/4"	36	1' - 3"	15/16"	1/4"x2"
AR2	1"	36	2' - 0"	1 1/4"	1/4"x3"

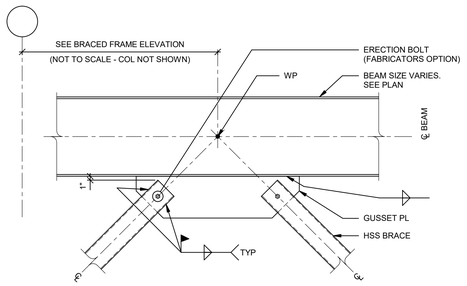
NOTE:
PROVIDE ANCHOR RODS IN ACCORDANCE WITH ASTM F1554.



5 S500 TYPICAL BRACED CONNECTION DETAIL

NOT TO SCALE

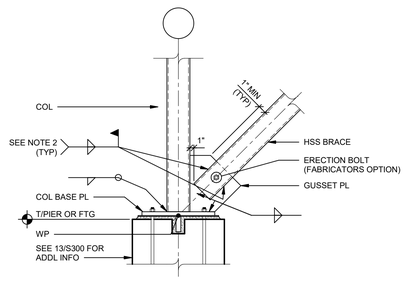
NOTES:
1. SIZE BRACED FRAME CONNECTIONS USING AISC UNIFORM FORCE METHOD. SUBMIT CALCULATIONS STAMPED BY A LICENSED PE, FOR REVIEW. BRACE FORCES NOTED ARE LRFD LOADS.
2. SLOT TUBE AND PROVIDE 4 LINES OF WELD. MINIMUM WELD LENGTH EQUALS WIDTH OF TUBE. PER AWS D1.1, SECTION 5.22.2, INCREASE WELD SIZE IF FIT-UP GAP EXCEEDS 1/16 INCH.



6 S500 TYPICAL BRACE CONNECTION DETAIL

NOT TO SCALE

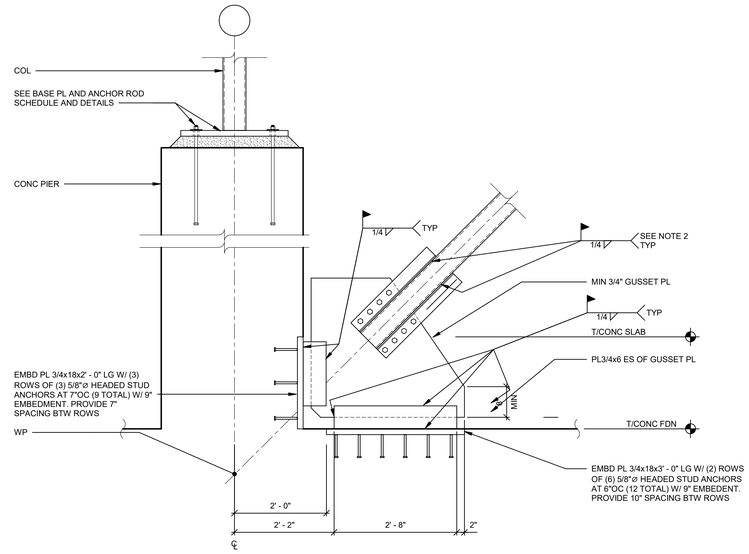
NOTE:
SEE 5/S500 FOR INFORMATION NOT NOTED.



7 S500 COLUMN BASE/BRACE CONNECTION DETAIL

NOT TO SCALE

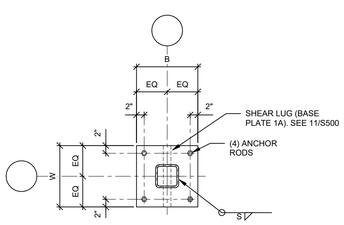
NOTES:
1. SIZE BRACED CONNECTIONS USING AISC UNIFORM FORCE METHOD. SUBMIT CALCULATIONS STAMPED BY A LICENSED PE, FOR REVIEW. BRACE FORCES NOTED ARE LRFD LOADS.
2. SLOT TUBE AND PROVIDE 4 LINES OF WELD. MINIMUM WELD LENGTH EQUALS WIDTH OF TUBE. PER AWS D1.1, SECTION 5.22.2, INCREASE WELD SIZE IF FIT-UP GAP EXCEEDS 1/16 INCH.



8 S500 BRACE CONNECTION DETAIL AT COLUMN BASE

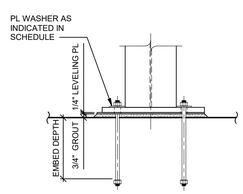
NOT TO SCALE

NOTES:
1. SIZE BRACED CONNECTIONS USING AISC UNIFORM FORCE METHOD. SUBMIT CALCULATIONS STAMPED BY A LICENSED PE, FOR REVIEW. BRACE FORCES NOTED ARE LRFD LOADS.
2. SLOT TUBE AND PROVIDE 4 LINES OF WELD. MINIMUM WELD LENGTH EQUALS WIDTH OF TUBE. PER AWS D1.1, SECTION 5.22.2, INCREASE WELD SIZE IF FIT-UP GAP EXCEEDS 1/16 INCH.



9 S500 BASE PLATE DETAIL

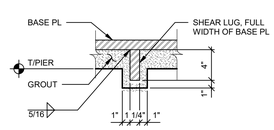
NOT TO SCALE



10 S500 COLUMN BASE DETAIL

NOT TO SCALE

NOTE:
HOOKED RODS MAY NOT BE USED AT BRACED FRAMES AND MOMENT FRAMES.



11 S500 SHEAR LUG DETAIL

NOT TO SCALE

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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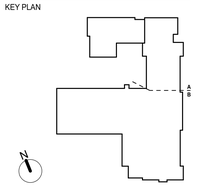
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01- 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

STEEL SECTIONS AND DETAILS

S500

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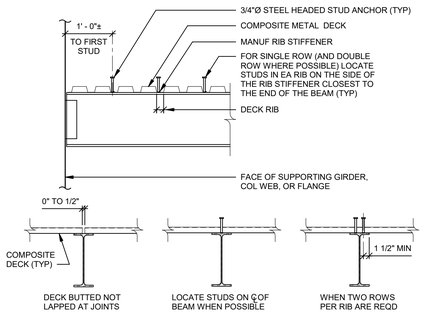
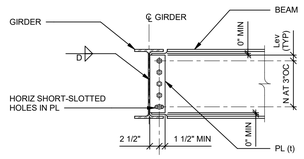
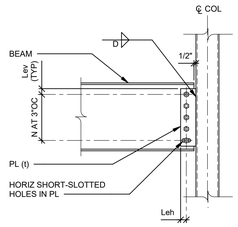


1 S501 COMPOSITE BEAM DETAIL
NOT TO SCALE

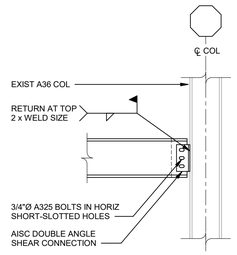
NOTE:
REFER TO SPECIFICATION SECTION 053000 "METAL DECK" FOR STEEL HEADED STUD ANCHOR SPACING REQUIREMENTS.



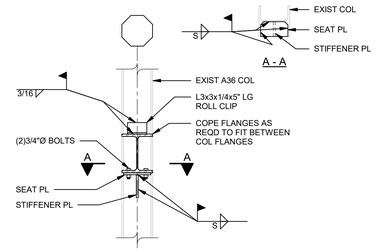
2 S501 BEAM TO GIRDER SINGLE-PLATE SHEAR CONNECTION
NOT TO SCALE



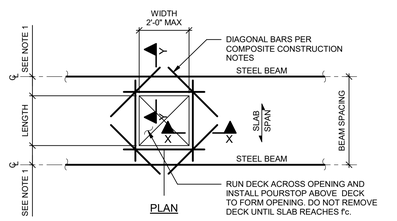
3 S501 BEAM TO COLUMN SINGLE-PLATE SHEAR CONNECTION
NOT TO SCALE



4 S501 CONNECTION DETAIL AT EXISTING COLUMN
NOT TO SCALE



5 S501 CONNECTION DETAIL AT EXISTING COLUMN
NOT TO SCALE



6 S501 SLAB OPENING UP TO 2'-0" WIDE
NOT TO SCALE

NOTES:
1. SEE COMPOSITE CONSTRUCTION NOTES FOR LIMITATIONS ON OPENING LOCATIONS. NOTIFY ENGINEER IF LOCATIONS ARE IN CONFLICT WITH NOTES.
2. PROVIDE DIAGONAL BARS AT CORNERS PER COMPOSITE CONSTRUCTION NOTES. VERIFY CONSTRUCTABILITY.
3. WHEN OPENING WIDTH EXCEEDS 24 INCHES INSTALL STEEL FRAMING BETWEEN FLOOR BEAMS.

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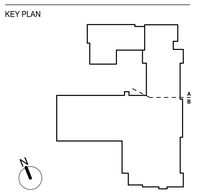

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STEEL SECTIONS AND DETAILS

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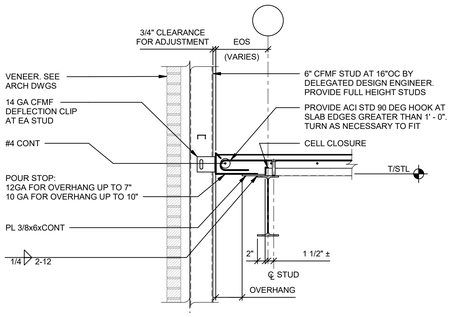
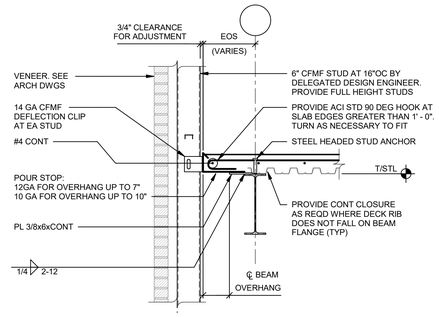


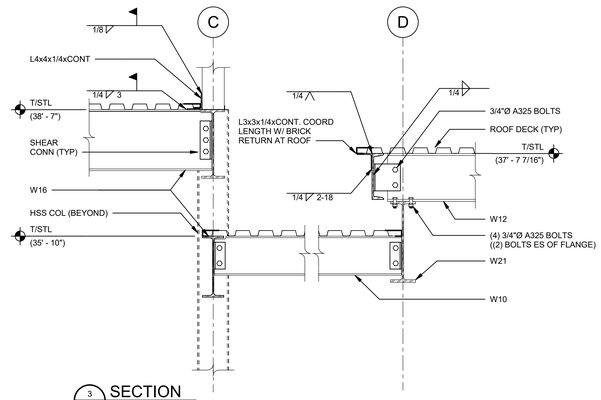
1 S502 SECTION AT SLAB EDGE
SCALE: NOT TO SCALE

NOTE:
SEE PLAN FOR EDGE OF SLAB DIMENSION. HOLD LOCATION OF 3/8 INCH EDGE PLATE AND ADJUST POUR STOP LOCATION AS NECESSARY.



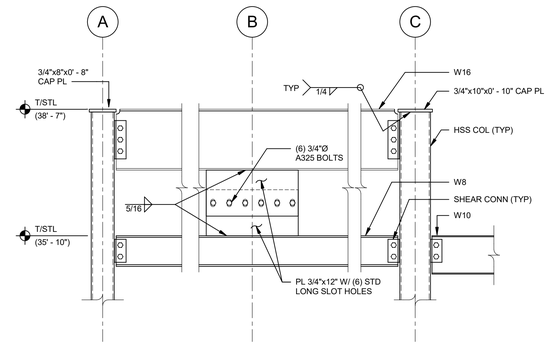
2 S502 SECTION AT SLAB EDGE
SCALE: NOT TO SCALE

NOTE:
SEE PLAN FOR EDGE OF SLAB DIMENSION. HOLD LOCATION OF 3/8 INCH EDGE PLATE AND ADJUST POUR STOP LOCATION AS NECESSARY.

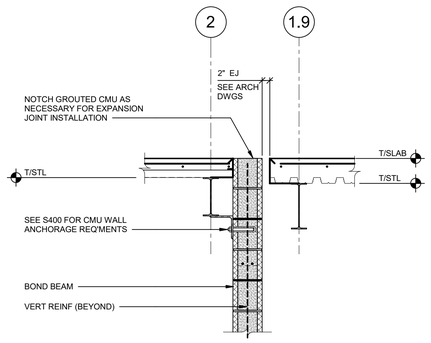


3 S502 SECTION
SCALE: NOT TO SCALE

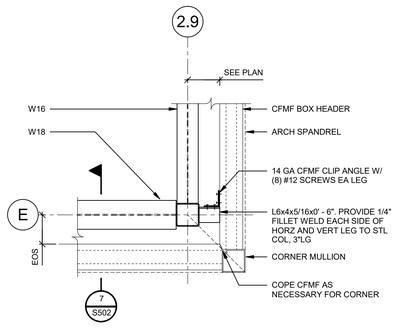
AT SIM: SHEAR LINK CONNECTION AT BRACED FRAME



4 S502 SECTION
SCALE: NOT TO SCALE

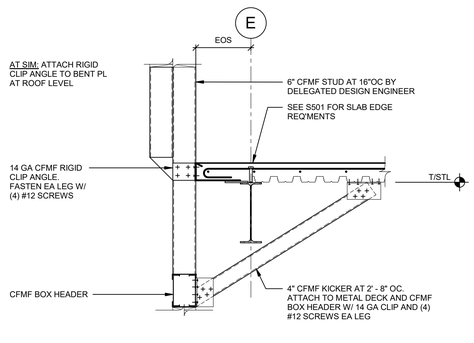


5 S502 SECTION AT EXPANSION JOINT
SCALE: 3/4" = 1'-0"



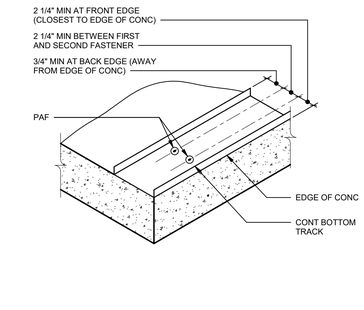
6 S502 PLAN DETAIL
SCALE: NOT TO SCALE

NOTES:
1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND WINDOW MANUFACTURER'S REQUIREMENTS.
2. DELEGATED DESIGN ENGINEER TO PROVIDE BUILT UP CFMF POST AT NORTH END OF CFMF HEADER DESIGNED TO RESIST HEADER REACTION.

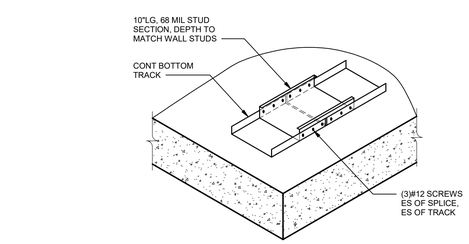


7 S502 SECTION
SCALE: NOT TO SCALE

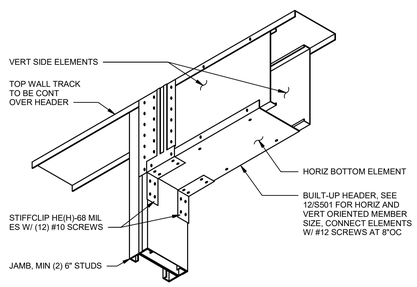
NOTE:
COORDINATE EDGE OF SLAB/CFMF WALL DIMENSION AT FACADE SECTION BEYOND WITH CLEARANCE REQUIREMENTS. SEE 2/S502.



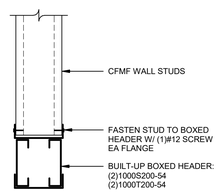
8 S502 TRACK TO CONCRETE DECK TYPICAL CONNECTION DETAIL
SCALE: NOT TO SCALE



9 S502 TRACK SPLICE TYPICAL CONNECTION DETAIL
SCALE: NOT TO SCALE

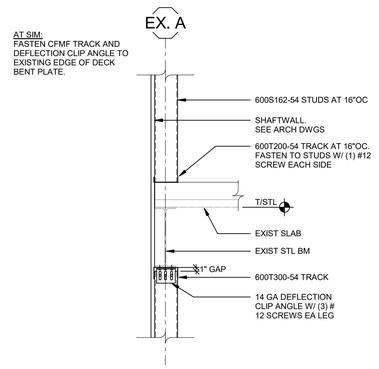


10 S502 HEADER TO JAMB TYPICAL CONNECTION DETAIL
SCALE: NOT TO SCALE



COLD-FORMED METAL FRAMING BOXED HEADER SECTION

11 S502
SCALE: NOT TO SCALE



12 S502 SECTION AT SLAB EDGE
SCALE: NOT TO SCALE

NOTE:
VERIFY EXISTING SLAB EDGE DIMENSION IN FIELD AND COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS.

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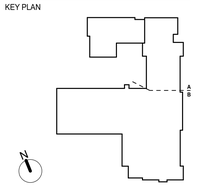

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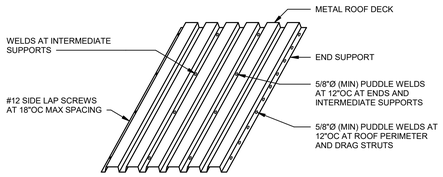
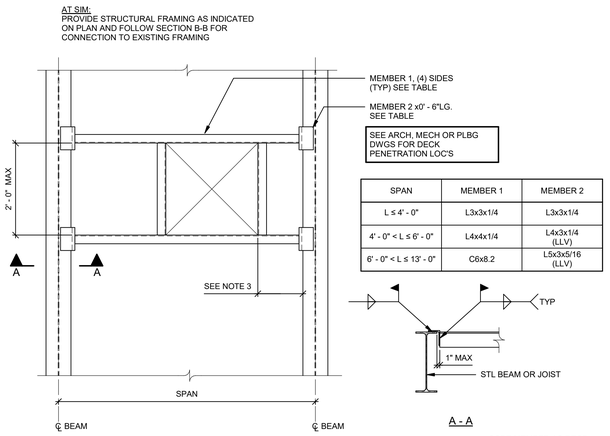
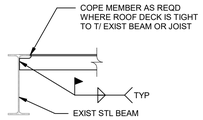


1 S503 ROOF DECK ATTACHMENT DETAIL
NOT TO SCALE

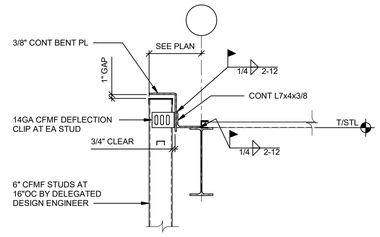


SPAN	MEMBER 1	MEMBER 2
L ≤ 4' - 0"	L3x3x1/4	L3x3x1/4
4' - 0" < L ≤ 6' - 0"	L4x4x1/4	L4x3x1/4 (LLV)
6' - 0" < L ≤ 13' - 0"	C6x8.2	L5x3x5/16 (LLV)

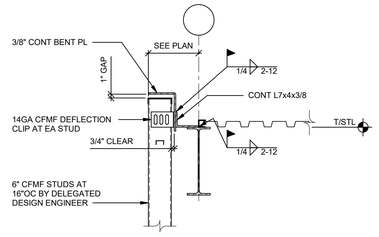


2 S503 WELDED ANGLE FRAME DETAIL
NOT TO SCALE

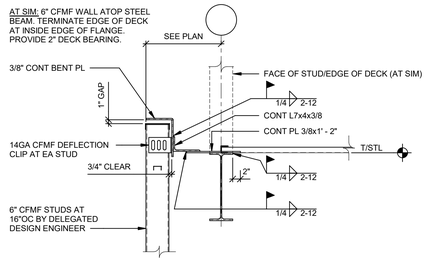
NOTES:
1. NOTIFY ENGINEER IF FRAME SUPPORTS MECHANICAL UNIT AND MECHANICAL UNIT WEIGHT EXCEEDS 300 POUNDS.
2. WHERE DIMENSION IS LESS THAN 8", OMIT MEMBER 1 PARALLEL TO EXISTING BEAM OR JOIST.



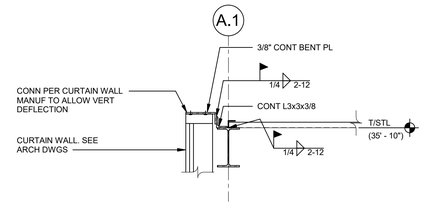
3 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"



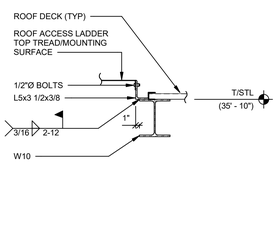
4 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"



5 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"

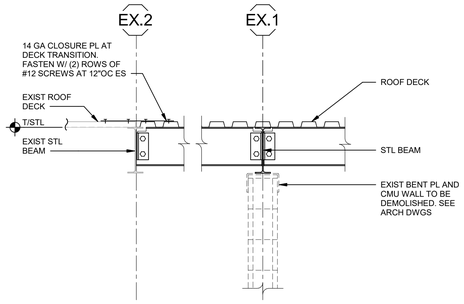


6 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"

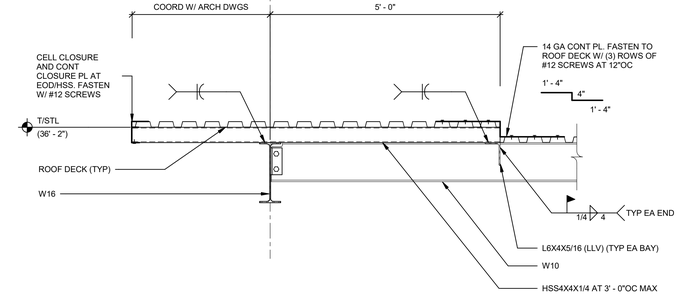


7 S503 SECTION AT ROOF HATCH
SCALE: 3/4" = 1'-0"

NOTE:
PROVIDE 1/2 INCH DIAMETER EXPANSION ANCHORS WITH 1 1/2 INCH EMBEDMENT AT BOTTOM FOOT OF STAIR. ANCHORS TO BE LOCATED AT LOW FLUTE TO ENSURE ADEQUATE CONCRETE THICKNESS. IF STAIR IS POSITIONED AT HIGH FLUTE PROVIDE 1/4 INCH STEEL PLATE AND 1/2 INCH DIAMETER THROUHG BOLTS.

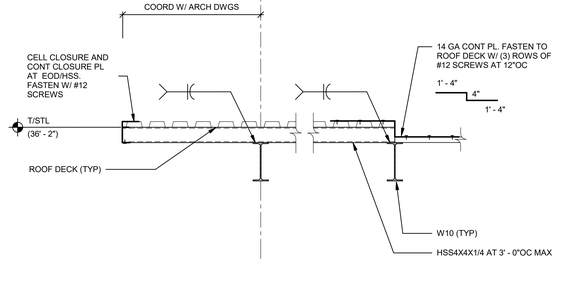


8 S503 SECTION
SCALE: 3/4" = 1'-0"



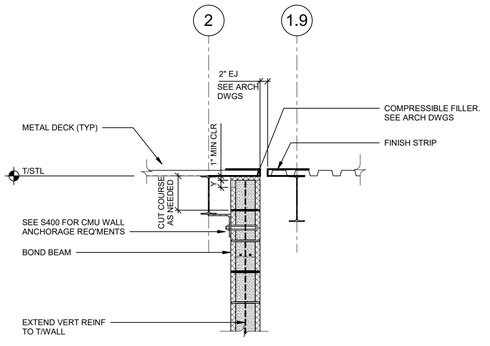
9 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"

NOTES:
1. PROVIDE DECK TRANSITION CONNECTION AT ALL (3) EDGES OF DECK TRANSITION.
2. CONTRACTORS OPTION TO PROVIDE A BOLTED SHEAR CONNECTION AT EACH END OF THE L6x4x5/16 IN LIEU OF FIELD WELDED CONNECTION.



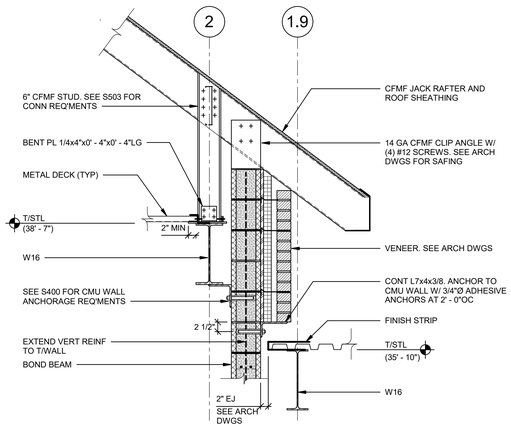
10 S503 SECTION AT ROOF EDGE
SCALE: 3/4" = 1'-0"

NOTE:
PROVIDE DECK TRANSITION CONNECTION AT ALL (3) EDGES OF DECK TRANSITION.



11 S503 SECTION AT EXPANSION JOINT
NOT TO SCALE

NOTE:
Y (SHADED ▭) INDICATES NOTCH FACE SHELL (4" MAXIMUM) AS REQUIRED FOR GROUTING. FILL SOLID WITH MORTAR ABOVE GROUT TO TOP OF CMU.



12 S503 SECTION AT EXPANSION JOINT
NOT TO SCALE

NOTE:
COORDINATE TOP OF SHELF ELEVATION WITH ROOFING, INSULATION AND MASONRY COURSING.

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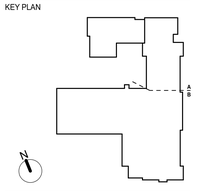
KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

SECTIONS AND DETAILS

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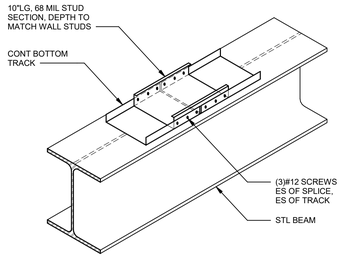
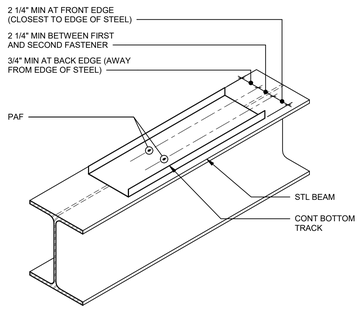


1 S504 TRACK SPLICE TYPICAL CONNECTION DETAIL

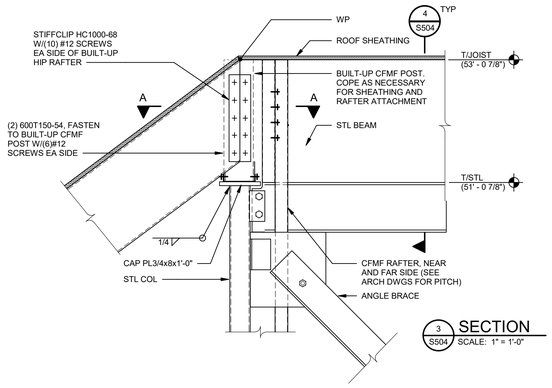
NOT TO SCALE

NOTE:
FOR RIDGE PLATE AND RAFTER FASCIA SPLICES, PROVIDE 10" LONG SPLICE SECTION, SAME SECTION AS MEMBER BEING SPLICED.



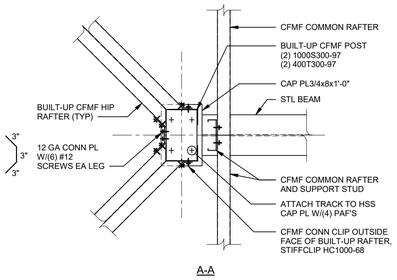
2 S504 TRACK TO BEAM TYPICAL CONNECTION DETAIL

NOT TO SCALE

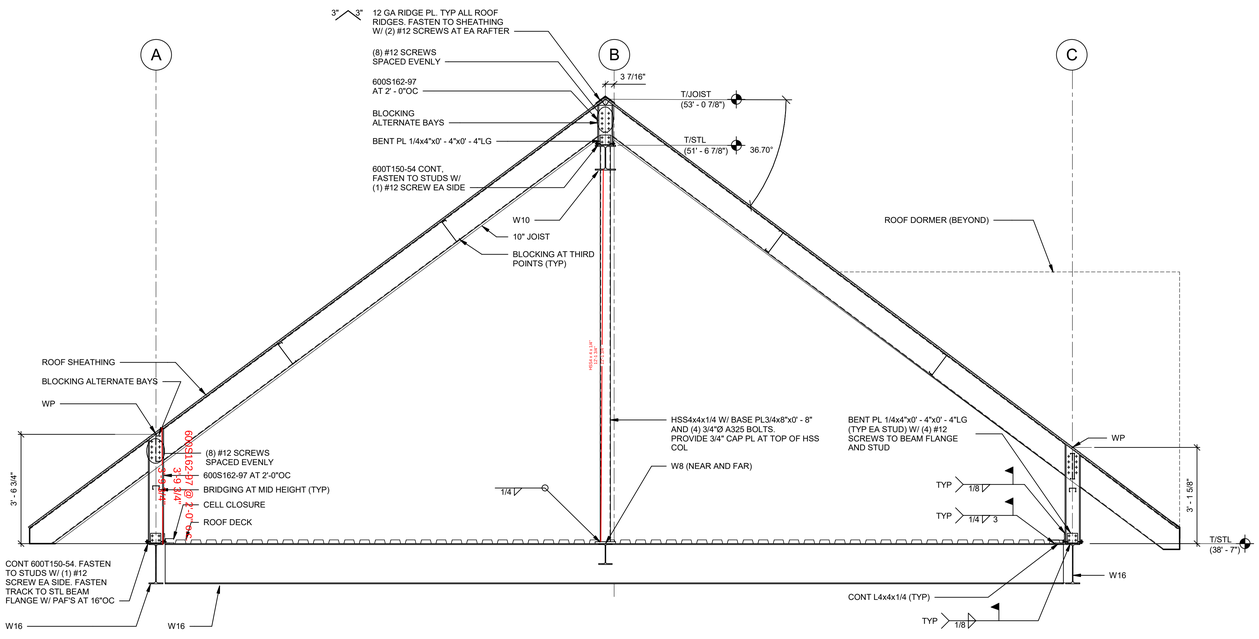


3 S504 SECTION

SCALE: 1" = 1'-0"



A-A



4 S504 ROOF SECTION

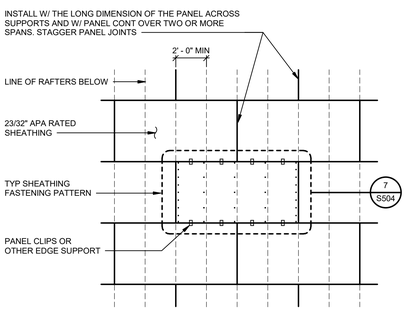
SCALE: 1/2" = 1'-0"

NOTES:
1. COPE RAFTERS AS NECESSARY FOR FIT-UP TO ACHIEVE ROOF PITCH.
2. MINIMUM EDGE DISTANCE FOR #12 SCREW SHALL BE 1/2 INCH FROM CENTER OF SCREW TO EDGE OF CONNECTED PART. MINIMUM CENTER TO CENTER SPACING OF #12 SCREWS SHALL BE 1 INCH.
3. SEE ARCHITECTURAL DRAWINGS FOR ROOFING AND INSULATION NOT SHOWN.

5 S504 SECTION

SCALE: 1" = 1'-0"

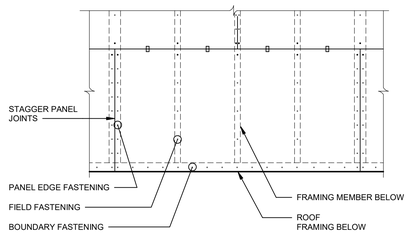
A-A



6 S504 ROOF SHEATHING FASTENING PATTERN

NOT TO SCALE

NOTE:
INSTALL PANELS WITH A 1/8" SPACE BETWEEN ADJACENT PANEL END AND EDGE JOINTS, UNLESS RECOMMENDED OTHERWISE BY PANEL MANUFACTURER.



7 S504 ROOF SHEATHING FASTENING SCHEDULE

NOT TO SCALE

TYPICAL ROOF SHEATHING FASTENING SCHEDULE

LOCATION	SIZE	SPACING
BOUNDARY	#12	6"
PANEL EDGE	#12	6"
FIELD	#12	12"

NOTES:
1. SHEATHING IS UNBLOCKED UNLESS NOTED OTHERWISE.
2. INSTALL FASTENERS WITH 1/2" MINIMUM EDGE DISTANCE.
3. SEE FRAMING PLANS FOR ORIENTATION OF FRAMING MEMBERS.

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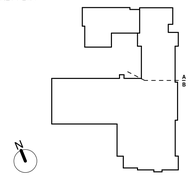

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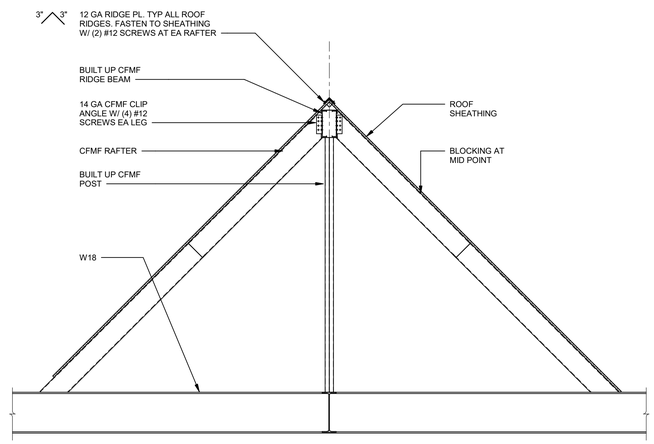
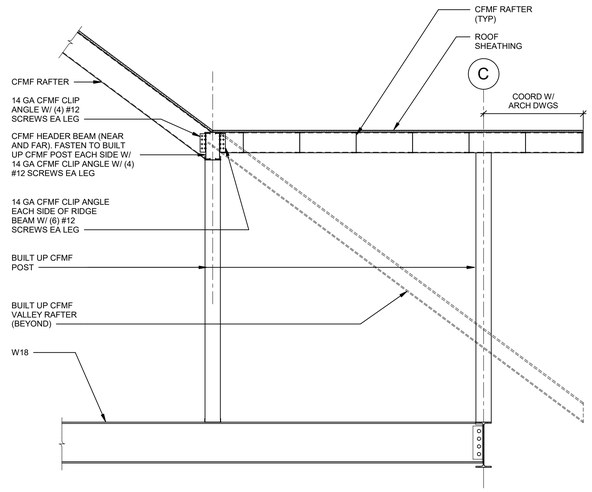
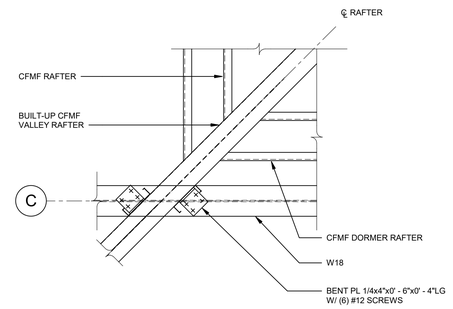


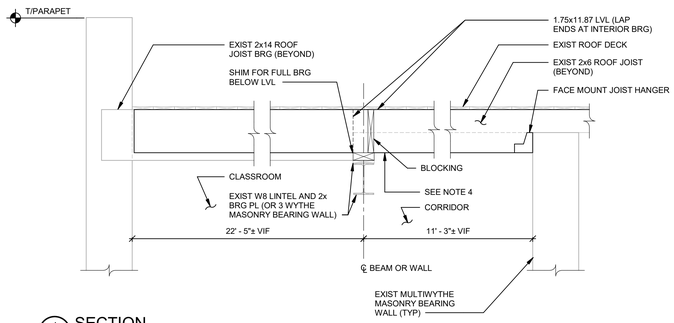
1 S505 **DORMER ROOF SECTION**
SCALE: 1/2" = 1'-0"



2 S505 **DORMER ROOF SECTION**
SCALE: 1/2" = 1'-0"

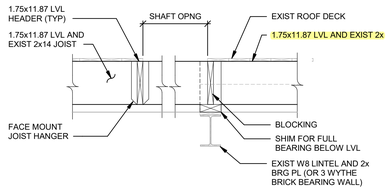


3 S505 **PLAN DETAIL**
NOT TO SCALE

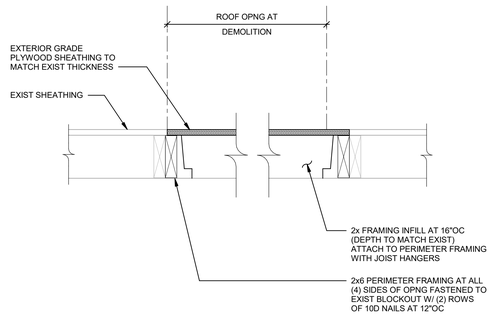


4 S505 **SECTION**
SCALE: 3/4" = 1'-0"

NOTES:
1. EXISTING FRAMING AND WALL LOCATIONS, SIZES AND SPACING TO BE VERIFIED IN FIELD.
2. EXISTING BRIDGING TO BE REPLACED WITH FULL DEPTH BLOCKING AT THE THIRD POINTS OF BOTH SPANS AND AT THE INTERIOR SUPPORT.
3. FASTEN LVL BEAMS TO EXISTING JOISTS WITH (3) ROWS OF 10D NAILS AT 12" ON CENTER.
4. PROVIDE TEMPORARY SUPPORT FOR THE REMOVAL OF EXISTING OF SQUASH BLOCKS AS NECESSARY TO INSTALL LVL BEAMS.

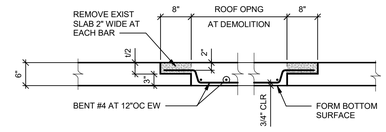


5 S505 **SECTION**
SCALE: 3/4" = 1'-0"



6 S505 **ROOF INFILL DETAIL**
NOT TO SCALE

NOTE:
ROOFING NOT SHOWN. SEE ARCHITECTURAL DRAWINGS.



7 S505 **ROOF INFILL DETAIL**
NOT TO SCALE

NOTE:
APPLY BONDING AGENT TO EXISTING SURFACES BEFORE PLACING CONCRETE.

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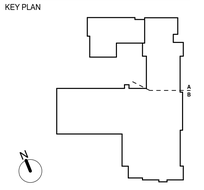

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MECHANICAL SYMBOLS - GENERAL

	NEW PIPING, DUCTWORK, OR EQUIPMENT
	EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO REMAIN
	EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO BE REMOVED
	NEW EQUIPMENT
ER	EXISTING EQUIPMENT TO BE REMOVED
E	EXISTING EQUIPMENT TO REMAIN
ERR	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED
RE	RELOCATED POSITION OF EXISTING EQUIPMENT
	CONTINUATION FOR DUCTWORK OR PIPING
AHU-1	TYPE OF EQUIPMENT (AIR HANDLING UNIT) UNIT NUMBER
	POINT OF CONNECTION (OF NEW WORK TO EXISTING WORK) OR POINT OF DISCONNECTION (TO REMOVE AND PATCH EXISTING WORK)
#	DRAWING NOTE TAG
1	REVISION SYMBOL
A / B	SECTION DESIGNATION ON DRAWING WHERE SECTION IS CUT A – SECTION DESIGNATION B – DRAWING NO.
T	THERMOSTAT (HAS DISPLAY, OCCUPANT ADJUSTMENT, OR BOTH) TO BE WALL MOUNTED. REFER TO PLANS FOR LOCATION.
TS	TEMPERATURE SENSOR (HAS NO DISPLAY OR OCCUPANT ADJUSTMENT) TO BE WALL OR DUCT MOUNTED. REFER TO PLANS FOR LOCATION.
SD	DUCT MOUNTED SMOKE DETECTOR

MECHANICAL ABBREVIATIONS

ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AHU	AIR HANDLING UNIT
ATC	AUTOMATIC TEMPERATURE CONTROL
BMS	BUILDING MANAGEMENT SYSTEM
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CV	CONSTANT VOLUME
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
ER	EXISTING EQUIPMENT TO BE REMOVED
ERR	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED
EWT	ENTER WATER TEMPERATURE
FLA	FULL LOAD AMPS
FPI	FIN PER INCH
FTR	FIN TUBE RADIATION
GPM	GALLONS PER MINUTE
HX	HEAT EXCHANGER
HZ	HERTZ
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NK	NECK SIZE
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OED	OPEN END DUCT
PH	PHASE
PSI	POUND PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
RE	RELOCATED POSITION OF EXISTING EQUIPMENT
RE:	REFER TO...
TYP	TYPICAL
VN	VENT
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
WMS	WIRE MESH SCREEN

NEW YORK STATE CODES & STANDARDS

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 NYS UNIFORM CODE SUPPLEMENT
- NYS EDUCATION DEPARTMENT 2022 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2016 ASHRAE 90.1

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2016 NFPA 13 – STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- 2016 NFPA 14 – STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
- 2016 NFPA 20 – STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
- 2017 NFPA 70 – NATIONAL ELECTRICAL CODE
- 2016 NFPA 72 – NATIONAL FIRE ALARM AND SIGNALING CODE

MECHANICAL SYMBOLS

18X12	DUCT SIZE (FIRST FIGURE INDICATES HORIZONTAL SIZE)
18ø	ROUND DUCT DIAMETER
	SUPPLY OR OUTSIDE AIR INTAKE DUCT UP
	SUPPLY OUTSIDE AIR INTAKE DUCT DOWN
	RETURN OR EXHAUST DUCT UP
	RETURN OR EXHAUST DUCT DOWN
	ACOUSTICAL LINING IN DUCT
	TRANSITION FROM RECTANGULAR TO ROUND OR OVAL DUCT
AD	ACCESS DOOR IN DUCT
R	SLOPING RISE IN DUCT IN DIRECTION OF ARROW
D	SLOPING DROP IN DUCT IN DIRECTION OF ARROW
	MITERED ELBOW WITH TURNING VANES
	RADIUS ELBOW (INNER RADIUS = WIDTH)
	DUCT SPLIT
	90° BRANCH TAP (USE 45° BOOT, OR CONICAL TAP FOR BRANCH SERVING A SINGLE DIFFUSER/REGISTER ONLY)
	45° BRANCH TAP
	SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) RADIUS ELBOW TYPE
	SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) MITERED ELBOW TYPE WITH TURNING VANES
	SPLIT (SUPPLY) OR CONVERGENCE (RETURN/EXHAUST) BULLHEAD TYPE
	OFFSET (WITH RADIUS ELBOWS)
	SUPPLY REGISTER
	RETURN OR EXHAUST REGISTER
VD	VOLUME DAMPER
FD	FIRE DAMPER W/DUCT ACCESS DOOR (FD/AD)
M	MOTORIZED DAMPER W/DUCT ACCESS DOOR
FXC	FLEXIBLE CONNECTION
	FLEXIBLE DUCT
VD	MODULAR LINEAR DIFFUSER WITH PLENUM
VD	BRANCH TAKEOFF TO CEILING DIFFUSER/REGISTER
	SUPPLY CEILING DIFFUSER (4-WAY BLOW)
	SUPPLY CEILING DIFFUSER (3-WAY BLOW)
	SUPPLY CEILING DIFFUSER (2-WAY BLOW)
	SUPPLY CEILING DIFFUSER (1-WAY BLOW)
CD-B(500)	DIFFUSER TYPE AND CFM (CUBIC FEET PER MINUTE). REFER TO SCHEDULE.
	RETURN CEILING GRILLE OR REGISTER
VAV-B(500)	TERMINAL BOX (CV, VAV, FP). DESIGNATION INDICATES TYPE, BOX SIZE, AND CFM. QUANTITY (REFER TO SCHEDULES).
SA	SUPPLY AIR DUCT
RA	RETURN AIR DUCT
OA	OUTSIDE AIR INTAKE DUCT
EXH	EXHAUST DUCT
	DIRECTION OF FLOW IN PIPE
	PITCH PIPE DOWN IN DIRECTION OF ARROW
	ELBOW TURNED UP
	ELBOW TURNED DOWN
	BOTTOM PIPE CONNECTION
	TOP PIPE CONNECTION
LPS	LOW PRESSURE STEAM SUPPLY
LPR	LOW PRESSURE STEAM CONDENSATE RETURN
CD	CONDENSATE DRAIN LINE (GRAVITY)
PD	CONDENSATE PUMP DISCHARGE
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID

MECHANICAL GENERAL NOTES

1. THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF WORK AS WELL AS INDICATE GENERAL ARRANGEMENT OF EQUIPMENT, DUCTWORK AND PIPING. THE CONTRACTOR SHALL ADHERE TO THESE DRAWINGS AS CLOSELY AS POSSIBLE. HOWEVER, THE RIGHT IS RESERVED TO VARY THE RUNS OF DUCTWORK AND PIPING AND TO MAKE OFFSETS, WHERE NECESSARY, TO ACCOMMODATE CONDITIONS ARISING AT THE JOB SITE. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO WORK SHALL BE PERFORMED PRIOR TO RECEIPT OF EQUIPMENT, DUCTWORK, AND PIPING FABRICATION SHOP DRAWING APPROVAL.
2. THE DRAWINGS AND SPECIFICATIONS SHALL BE INTERPRETED SO AS TO REQUIRE THE MOST SUBSTANTIAL AND COMPREHENSIVE PERFORMANCE OF THE WORK, CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE CONTRACT DOCUMENTS, AND SUCH WORK SHALL BE PERFORMED BY THE CONTRACTOR WITHOUT EXTRA COST TO THE OWNER. IN THE CASE OF A DISCREPANCY WITHIN THE CONTRACT DOCUMENTS, THE WORST CASE OR HIGHEST COST SHALL APPLY FOR BIDDING PURPOSES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY VIA RFI PRIOR TO PERFORMING THE ASSOCIATED WORK.
3. ANY MATERIAL, WORK, OR INCIDENTAL ACCESSORIES OR MINOR DETAILS NOT SHOWN BUT NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND READY FOR OPERATION, EVEN IF NOT PARTICULARLY SHOWN ON THE DRAWINGS, SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
4. DUCT SIZES SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. WHERE ACOUSTICALLY LINED DUCT IS SPECIFIED, OUTER DUCT DIMENSIONS SHALL BE INCREASED TO ACCOMMODATE LINING.
5. THE FOLLOWING MINIMUM WARRANTY REQUIREMENTS SHALL APPLY TO ALL WORK UNDER THIS CONTRACT, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED IN THE DRAWINGS, SPECIFICATIONS, AND/OR INSTRUCTIONS TO BIDDERS. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. FINAL ACCEPTANCE SHALL BE DEFINED AS THE TIME AT WHICH THE WORK IS TAKEN OVER AND ACCEPTED BY THE OWNER, AND IS UNDER CARE, CUSTODY, AND CONTROL OF THE OWNER. REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN THE WARRANTY PERIOD, INCLUSIVE OF PARTS AND LABOR EXPENSES, AND INCLUSIVE OF AFFECTED WORK OF OTHER TRADES. PROVIDE SUPPLEMENTAL WARRANTY COVERAGE WHERE THE CONTRACT WARRANTY REQUIREMENTS EXCEED VENDORS' STANDARD WARRANTIES.
6. WHERE WORK IS INDICATED TO BE BY OTHER CONTRACTORS, FOR EXAMPLE: "BY GENERAL CONSTRUCTION CONTRACTOR", THIS WORK IS NOT IN THE HVAC/MECHANICAL CONTRACT. EACH CONTRACTOR WILL BE RESPONSIBLE FOR CLOSE COORDINATION WITH OTHER CONTRACTORS' WORK.
7. REFER TO APPROPRIATE SPECIFICATION SECTION FOR EQUIPMENT SELECTION PARAMETERS WHERE DRAWINGS DO NOT CONTAIN EQUIPMENT SCHEDULES.
8. FOR AIR SYSTEMS, THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING BRANCH VOLUME DAMPERS FOR ALL SUPPLY, RETURN, AND EXHAUST BRANCH DUCTWORK, REGARDLESS IF VOLUME DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL VOLUME DAMPERS SHALL BE ADJUSTABLE HANDLE TYPE FOR LAY-IN ACCESSIBLE CEILING OR CABLE OPERATED FOR CONCEALED TYPE OF CEILING. ALL BRANCH DUCT VOLUME DAMPERS SERVING DIFFUSERS IN GYPSUM BOARD CEILINGS (OR OTHERWISE INACCESSIBLE) SHALL BE REMOTELY (CORD OR CABLE) OPERABLE THROUGH THE FACE OF THE DIFFUSER.
9. INSTALL THERMOSTATS, FAN SPEED CONTROLLERS, AND OTHER ROOM OCCUPANT ADJUSTABLE CONTROLS WITH TOP OF DEVICE 4'-0" ABOVE FINISHED FLOOR OR AS DIRECTED OTHERWISE BY ARCHITECT. COORDINATE EXACT LOCATIONS WITH THE ARCHITECTURAL PLANS. DEVICE COLORS TO BE SELECTED BY THE ARCHITECT. MANUFACTURER'S LOGO SHALL NOT BE EXPOSED.
10. WHERE PIPING CONNECTIONS FOR EQUIPMENT SUCH AS PUMPS, AC UNITS, COILS, ETC. DIFFER FROM THE LINE SIZE PIPING, IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO FURNISH AND INSTALL THE NECESSARY REDUCER/EXPANDER FITTINGS TO ENABLE CONNECTION BETWEEN THE PIPING SYSTEM AND THE EQUIPMENT.
11. PROVIDE UL LISTED AND LABELED FIRE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS, REGARDLESS IF FIRE DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS. PROVIDE 1-1/2 HOUR RATED FIRE DAMPERS AT WALLS/FLOORS WITH 2 HOUR OR LESS RATING. PROVIDE 3 HOUR RATED FIRE DAMPERS AT WALLS/FLOORS WITH 3 HOUR OR MORE RATING. ALL FIRE DAMPERS SHALL BE TYPE "B" WITH SHUTTER OUT OF AIRSTREAM, AND SHALL BE RATED FOR DYNAMIC AIRFLOW CONDITIONS 2,000 FT/MIN AND 4.0 IN-WC. PROVIDE ACCESS DOORS IN DUCTWORK, 18"x18" UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR FOR LOCATIONS AND SIZES OF ACCESS DOORS IN GENERAL CONSTRUCTION.
12. PROVIDE UL LISTED AND LABELED COMBINATION FIRE/SMOKE DAMPERS AT ALL DUCT PENETRATIONS THROUGH FIRE AND SMOKE RATED WALLS AND FLOORS, REGARDLESS IF FIRE DAMPERS ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL COMBINATION FIRE/SMOKE DAMPERS SHALL BE PROVIDED WITH AN END SWITCH FOR STATUS SIGNAL TO THE BMS AND FIRE SMOKE CONTROL PANEL. ALL COMBINATION FIRE/SMOKE DAMPERS SHALL BE RATED FOR DYNAMIC AIRFLOW CONDITIONS 2,000 FT/MIN AND 4.0 IN-WC. PROVIDE ACCESS DOORS IN DUCTWORK, 18"x18" UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR FOR LOCATIONS AND SIZES OF ACCESS DOORS IN GENERAL CONSTRUCTION.
13. PROVIDE FIRESTOPPING FOR ALL DUCT, PIPE, AND CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
14. WHERE DUCTS AND PIPES PENETRATE FIRE AND/OR SMOKE RATED WALLS, LEAVE A MINIMUM OF 2 INCHES CLEAR ABOVE THE DUCTS AND PIPES, SUCH THAT THE MECHANICAL CONTRACTOR CAN SEAL THE WALL ABOVE THE DUCTS. DO NOT INSTALL FLEXIBLE DUCTWORK THROUGH FIRE AND/OR SMOKE RATED WALLS.
15. PROVIDE ESCUTCHEON PLATES WHERE DUCTS OR PIPES PENETRATE CEILINGS, WALLS, OR FLOORS WHERE EXPOSED TO VIEW IN FINISHED AREAS. ESCUTCHEONS FOR DUCTS SHALL BE CONSTRUCTED OF THE SAME MATERIAL AS DUCT. PIPE ESCUTCHEONS SHALL BE CHROME-PLATED BRASS.
16. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING THERMOSTATS FOR ANY EQUIPMENT THAT REQUIRES CONTROL, SUCH AS VAV BOXES, FCU, FANS, HEATERS, FINNED TUBE RADIATION, RTU'S, ETC., REGARDLESS IF THERMOSTATS ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL THERMOSTATS SHALL BE DIRECT DIGITAL PROGRAMMABLE TYPE, UNLESS OTHERWISE NOTED. PROVIDE ONE THERMOSTAT FOR EACH FAN COIL UNIT, FAN UNIT, VAV, FPB, ENTRANCE HEATER, BASEBOARD RADIATION, ETC. THERMOSTAT LOCATIONS SHALL BE AS SHOWN ON PLANS AND/OR WHERE DIRECTED AND APPROVED BY THE ARCHITECT AND ENGINEER.
17. ALL DUCTWORK AND PIPING REQUIRING FIRE RATING AND WHERE SHOWN ON PLANS SHALL BE PROVIDED WITH UL LISTED FIRE-RATED DUCT WRAP WITH APPROPRIATE FIRE RATING (1-HOUR, 2-HOUR, ETC.), UNLESS A FIRE-RATED ARCHITECTURAL ENCLOSURE IN THAT LOCATION IS SPECIFIED WITHIN DRAWINGS AND SPECIFICATIONS FOR ANOTHER TRADE.
18. ALL LINEAR DIFFUSERS ARE TO BE COORDINATED WITH ARCHITECTURAL PLANS FOR EXACT LENGTHS AND LOCATIONS. ACTIVE PLENUM SECTIONS SHALL BE OF THE SIZES AS SHOWN ON PLANS. EACH BRANCH TAP SERVING THE LINEAR DIFFUSER SHALL BE PROVIDED WITH A VOLUME DAMPER WHICH SHALL BE OPERABLE THROUGH THE DIFFUSER FACE. ACTIVE SUPPLY SECTION OF LINEAR DIFFUSER SHALL BE PROVIDED WITH PATTERN CONTROL DEVICES AND EQUALIZING GRIDS. ACTIVE OR INACTIVE RETURN SECTIONS SHALL NOT BE FURNISHED WITH PATTERN CONTROL OR EQUALIZING GRIDS.
19. BORDER TYPES AND METHOD OF ATTACHMENT FOR ALL DIFFUSERS, GRILLES, AND REGISTERS SHALL BE COORDINATED WITH THE ARCHITECTURAL CEILING DETAILS AND SPECIFICATIONS.
20. REFER TO SPECIFICATIONS FOR ACOUSTIC LINING REQUIREMENTS NOT SHOWN ON THE DRAWINGS.
21. FOR WATER SYSTEMS: THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING BALL TYPE SHUT-OFF VALVES AND SEPARATE BALANCING VALVE FOR ALL BRANCH PIPING REGARDLESS IF VALVES ARE NOT SHOWN IN CONTRACT DOCUMENTS. ALL SHUT-OFF VALVES SHALL BE FULL PORT AND PRESSURE RATED FOR SYSTEM PRESSURE. THE BALANCING VALVE SHALL BE SIMILAR TO B&G CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVE, UNLESS OTHERWISE NOTED.
22. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING SECONDARY DRAIN PANS FOR ALL AIR CONDITIONING CEILING HUNG EQUIPMENT REGARDLESS IF DRAIN PANS ARE NOT SHOWN IN CONTRACT DOCUMENTS. REFER TO DETAIL FOR INSTALLATION OF DRAIN PANS. IF NO DETAIL IS SHOWN, CONTRACTOR MUST REQUEST DRAIN PAN DETAIL THRU RFI PROCESS DURING BIDDING.
23. THE MECHANICAL CONTRACTOR SHALL INCLUDE IN BID PRICING SUPPLYING AND INSTALLING CONDENSATE PIPING FOR ALL COOLING TYPE EQUIPMENT REGARDLESS IF CONDENSATE PIPING IS NOT SHOWN IN CONTRACT DOCUMENTS. ALL CONDENSATE PIPING SHALL BE INSULATED AND ROUTED TO NEAREST DRAIN OR JANITORS CLOSET. IF NO CONDENSATE PIPING IS SHOWN, CONTRACTOR MUST REQUEST CONDENSATE PIPING ROUTING THRU RFI PROCESS DURING BIDDING.
24. GENERAL NOTES, SYMBOLS, ABBREVIATIONS, AND DETAILS ARE APPLICABLE TO ALL HVAC/MECHANICAL DRAWINGS.
25. RELOCATE EXISTING WORK THAT INTERFERES WITH WORK OF THIS CONTRACT.
26. COORDINATE THIS WORK WITH THAT OF OTHER TRADES.
27. DIMENSIONS SHOWN ON PLAN ARE HORIZONTAL. DIMENSIONS SHOWN IN ELEVATION ARE VERTICAL, EXCEPT IN WAY OF STRUCTURAL STEEL, DIMENSIONS ARE MEASURED PERPENDICULAR TO FLANGE.
28. PRODUCT INSTALLATION SHALL ADHERE TO MANUFACTURERS' RECOMMENDATIONS.

MECHANICAL GENERAL NOTES (CONT.)

29. PROVIDE ACCESS PANELS IN DUCTS AND CEILINGS/SOFFITS/WALLS/FLOORS IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS FOR ALL CONCEALED EQUIPMENT THAT REQUIRES PERIODIC SERVICE, INCLUDING AIR CONDITIONING UNITS, FANS, CONDENSATE PUMPS, FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS, AND DUCT MOUNTED SMOKE DETECTORS. MATCH FIRE RATING OF CEILING/SOFFIT/WALL/FLOOR WHERE APPLICABLE.
30. PROVIDE HANGERS, INSERTS, ANCHORS, SUPPLEMENTAL STEEL & SUPPORTS AS REQUIRED TO SUPPORT DUCTWORK, PIPING AND EQUIPMENT FROM STRUCTURE.
31. SCHEDULE WORK OF THIS SECTION TO AVOID INTERFERING WITH EXISTING OPERATIONS IN THE FACILITY.
32. COORDINATE ALL ROOF PENETRATIONS WITH THE WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS. COORDINATE ALL ROOF PENETRATION LOCATIONS WITH THE OWNER. NOTIFY THE OWNER PRIOR TO STARTING WORK AND VERIFY COMPLIANCE WITH BOND AND WARRANTY OF THE ROOF.
33. RUN DUCTS AND PIPING CONCEALED, UNLESS OTHERWISE SPECIFIED, AND CLEAR OF CEILING INSERTS.
34. PROVIDE CLEARANCE IN FRONT OF ALL ELECTRIC CONTROL PANELS PER N.E.C. AND EQUIPMENT MANUFACTURERS' REQUIREMENTS.
35. PRIOR TO SUBMISSION OF SHOP DRAWINGS, COORDINATE WITH ELECTRICAL CONTRACTOR TO VERIFY VOLTAGES AVAILABLE FOR MECHANICAL EQUIPMENT.
36. MOTOR STARTERS AND VARIABLE FREQUENCY DRIVES FOR HVAC EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED/WIRED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. COORDINATE AND VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO SHOP DRAWING SUBMISSION.
37. ALL DISCONNECT SWITCHES FOR HVAC EQUIPMENT SHALL BE FURNISHED, INSTALLED, AND WIRED BY THE ELECTRICAL CONTRACTOR, UNLESS INTEGRAL TO HVAC EQUIPMENT OR OTHERWISE NOTED. COORDINATE AND VERIFY WITH ELECTRICAL CONTRACTOR PRIOR TO SHOP DRAWING SUBMISSION.
38. USE FLAT TRANSVERSE SEAM FOR DUCTWORK WHERE SPACE AVAILABLE DICTATES.
39. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.
40. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
41. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
42. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.
43. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.
44. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.
45. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
46. DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
47. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.
48. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINSHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.
49. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, FLOORS, ROOFS, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.
50. WHERE NEW DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, FLOORS, ROOFS, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. PROVIDE NEW LINTELS FOR NEW OPENINGS IN ACCORDANCE WITH SPECIFICATION SECTION 055000.
51. NEW AND EXISTING PERMANENT HVAC AIR EQUIPMENT MAY BE USED BY CONTRACTORS DURING CONSTRUCTION FOR TEMPORARY HEATING, COOLING, AND VENTILATION, ONLY UNDER THE FOLLOWING CONDITIONS:
    - 51.1. CONTRACTOR TO PROVIDE TEMPORARY FILTERS IN EACH UNIT DURING CONSTRUCTION, WHICH SHALL BE REPLACED WITH NEW CLEAN FILTERS AFTER GENERAL CONSTRUCTION IS COMPLETED.
    - 51.2. CONTRACTOR TO PROVIDE FILTER FABRIC AT ALL RETURN AND EXHAUST REGISTERS, GRILLES, AND OPENINGS DURING CONSTRUCTION.
    - 51.3. THE WARRANTY PERIOD FOR ALL EQUIPMENT SHALL NOT BEGIN UNTIL CONSTRUCTION IS COMPLETED. IF THE EQUIPMENT MANUFACTURER'S WARRANTY PERIOD BEGINS WHILE THE UNIT USED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH EXTENDING THE WARRANTY TO PROVIDE THE FULL PERIOD OF COVERAGE TO THE OWNER.
    - 51.4. IF NEW PERMANENT HVAC AIR EQUIPMENT INSTALLED UNDER THIS PROJECT WILL NOT BE OPERATED BY THE CONTRACTOR DURING CONSTRUCTION, ALL OPEN OR INCOMPLETE DUCTWORK SHALL BE CAPPED AIRTIGHT WITH WITH HEAVY POLYETHYLENE PLASTIC. AFTER THE INSTALLATION OF DUCTWORK, REGISTERS, GRILLES, AND DIFFUSERS, THE CONTRACTOR SHALL BLANK OFF ALL REGISTERS, GRILLES, AND DIFFUSERS WITH HEAVY POLYETHYLENE PLASTIC AND TAPE AIR TIGHT, IN AREAS THAT ARE UNDER CONSTRUCTION, UNTIL WORK IS COMPLETE IN THOSE AREAS.
    - 51.5. IF THE ABOVE CONDITIONS ARE NOT MET, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY NECESSARY TEMPORARY HEATING, COOLING, AND VENTILATION EQUIPMENT, DUCTWORK, CONTROLS, PIPING, AND POWER AT HIS OWN EXPENSE.
    - 51.6. IF PERMANENT HVAC EQUIPMENT IS USED DURING CONSTRUCTION BUT NOT PROPERLY PROTECTED AS DESCRIBED ABOVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT DUST AND DEBRIS FROM DUCTWORK AND EQUIPMENT, AS WELL AS ANY NECESSARY REPAIR OR REPLACEMENT OF DAMAGED EQUIPMENT AT HIS OWN EXPENSE.
    - 51.7. WHEN GENERAL CONSTRUCTION IS COMPLETE, VACUUM CLEAN ALL DIFFUSERS, REGISTERS, GRILLES, AND HVAC EQUIPMENT IN THE PROJECT AREA OR SERVING THE PROJECT AREA. REMOVE ANY CONSTRUCTION DEBRIS.
52. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR DRAINING DOWN, FLUSHING CLEAN, AND RE-FILLING THE HVAC HOT WATER SYSTEM FOR THE BUILDING, TO FACILITATE MODIFICATIONS TO PIPING AND EQUIPMENT. COORDINATE AND SCHEDULE THIS WORK WITH THE OWNER. ASSUME THIS WORK WILL BE PERFORMED OUTSIDE OF BUSINESS HOURS.
53. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL FLOOR-MOUNTED EQUIPMENT, UNLESS OTHERWISE NOTED. EACH CONCRETE EQUIPMENT PAD SHALL BE 4" HIGH AND EXTEND 3" BEYOND THE BASE OF THE UNIT/UNITS IT SERVES ON ALL SIDES, UNLESS OTHERWISE NOTED IN PLANS, SPECIFICATIONS, OR EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
54. ALL HVAC UNIT DUNNAGE, ROOFTOP SUPPORTS, STEEL SUPPORTS/ANGLES AND ROOFING PATCHING ASSOCIATED WITH MECHANICAL WORK IS BY MC CONTRACT NO. 2. MC CONTRACTOR WILL UTILIZE A ROOFING SUBCONTRACTOR WHO IS AUTHORIZED TO WORK ON THAT ROOF BY THE ROOFING MANUFACTURER TO MAINTAIN OWNER'S WARRANTY.
55. THE MECHANICAL CONTRACTOR NO. 2 IS RESPONSIBLE FOR ALL ASBESTOS ABATEMENT WORK ASSOCIATED FOR THE ROOFING AND EXTERIOR UV PENETRATIONS.
56. MECHANICAL CONTRACTOR MAY USE "STRUCTURAL SLEEVE" FOR EXTERIOR MASONRY PENETRATIONS, WITH PROPER STAMPED SHOP DRAWINGS, IF APPROVED BY ARCHITECT. (AS AN ALTERNATE METHOD TO MASONRY REMOVALS, LINTELS AND REBUILDING MASONRY).
57. THE DRAWINGS SHOW BASIC SCHEMATIC ROUTING FOR PIPING. THE MECHANICAL CONTRACTOR MAY NEED TO RE-ROUTE PIPING AROUND EXISTING DUCTWORK OR STEEL TO OBTAIN ACCESS TO THE CLASSROOM IN CERTAIN LOCATIONS AS PART OF THEIR BASE BID CONTRACT.
58. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH THE MECHANICAL WORK. THIS INCLUDES:
    - 58.1. CUTTING TO GAIN ACCESS FOR ROUGHING/UNITS.
    - 58.2. PATCHING TO MATCH WITH LIKE MATERIALS/COLORS OF ANY SURFACES IMPACTED.
    - 58.3. METAL CHASE ENCLOSURES OF ANY EXPOSED MECHANICAL PIPING.
    - 58.4. EXISTING CEILING REMOVAL/REPLACEMENT WHERE NEEDED FOR MECHANICAL WORK.

MECHANICAL DEMOLITION GENERAL NOTES

1. DEMOLITION NOTES, SYMBOL LIST, AND DETAILS ARE APPLICABLE TO ALL HVAC/MECHANICAL DRAWINGS.
2. ALL PIPING IN WALLS AND FLOORS NOT TO BE REUSED WILL BE PLUGGED OR CAPPED, AND CUTTING AND PATCHING WILL BE PERFORMED TO RESTORE SURFACE TO ORIGINAL CONDITION BY THIS CONTRACTOR.
3. AFTER REMOVING PIPE THROUGH THE FLOOR SLABS, PACK OPENING WITH APPROVED FIRE-RATED PACKING.
4. THE CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL COST

GENERAL NOTES – PIPING:

A. UNLESS OTHERWISE NOTED, ALL HORIZONTAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE HORIZONTAL PIPING IS REMOVED ON BOTH SIDES OF A WALL, ALSO REMOVE THE PORTION PENETRATING THE WALL. WHERE HORIZONTAL PIPING ENTERS A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

B. UNLESS OTHERWISE NOTED, ALL VERTICAL STEAM AND CONDENSATE RETURN RISERS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, SHAFTS, CHASES, AND SLABS. WHERE VERTICAL PIPING IS REMOVED ABOVE AND BELOW A FLOOR SLAB, ALSO REMOVE THE PORTION PENETRATING THE FLOOR SLAB. WHERE VERTICAL PIPING IS REMOVED ABOVE A PIPE TUNNEL OR BELOW AN ATTIC, CAP 3/4" BEHIND EXISTING SURFACE.

C. UNLESS OTHERWISE NOTED, ALL HORIZONTAL AND VERTICAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WITHIN EXISTING–TO–REMAIN SHAFTS OR CHASES, WITHIN PIPE TUNNELS, ABOVE EXISTING–TO–REMAIN CEILINGS, AND IN ATTIC SPACES, SHALL BE ABANDONED IN PLACE.

D. WHERE INSULATION WILL BE REMOVED FROM EXISTING–TO–REMAIN PIPING DURING ASBESTOS ABATEMENT, THE MECHANICAL CONTRACTOR SHALL RE–INSULATE EXISTING–TO–REMAIN PIPING AS PER THE SPECIFICATION, INCLUDING BUT NOT LIMITED TO STRAIGHT PIPE INSULATION, FITTINGS, ELBOWS, AND VALVE COVERS. REFER TO THE HAZMAT DRAWINGS FOR LOCATIONS AND QUANTITIES.

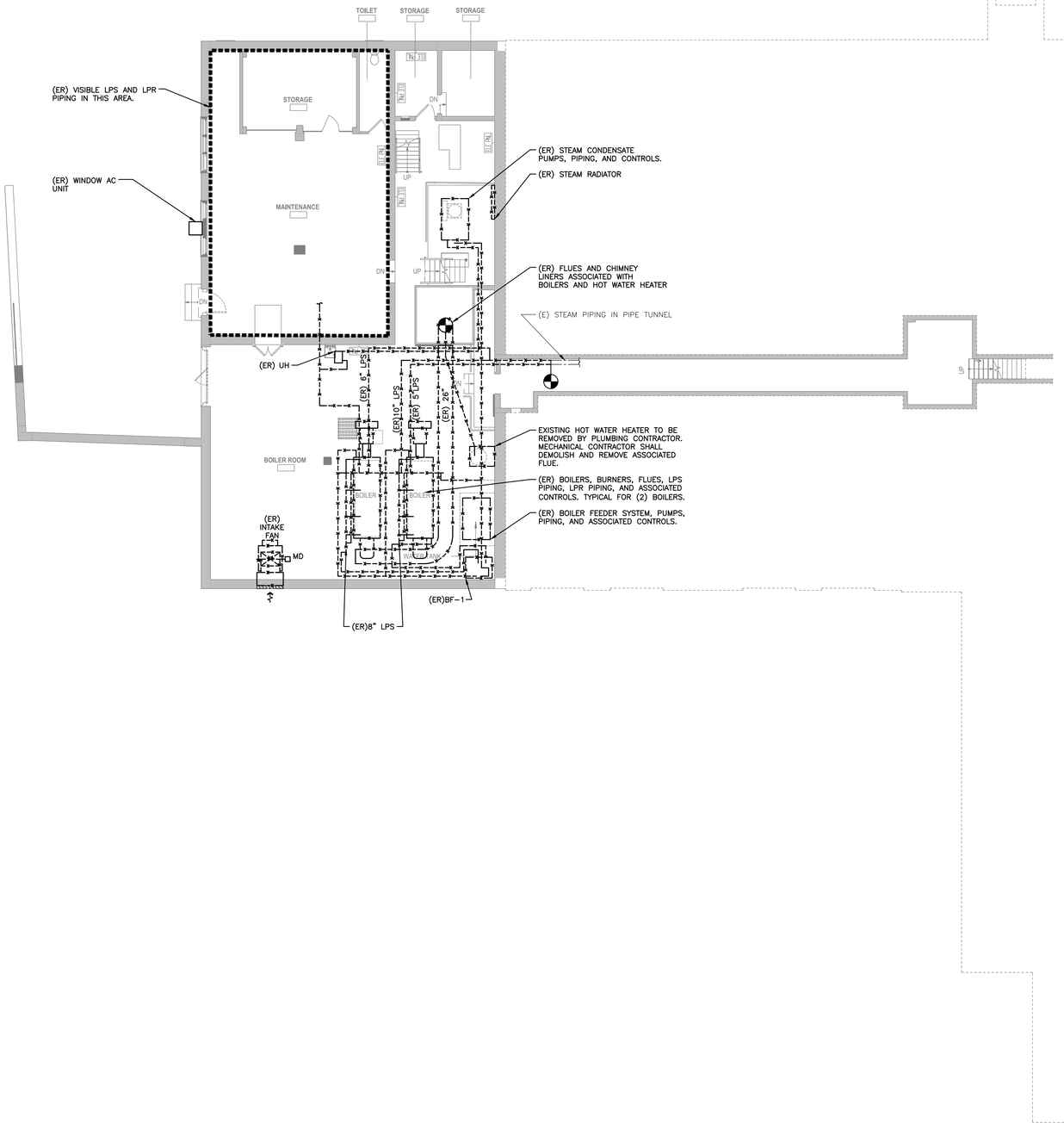
GENERAL NOTES – CONTROLS:

E. UNLESS OTHERWISE NOTED, CONTROLS FOR MECHANICAL EQUIPMENT TO BE REMOVED UNDER THIS PROJECT (INCLUDING BUT NOT LIMITED TO THERMOSTATS, WIREMOLD, CONDUITS, AND JUNCTION BOXES) WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE CONTROLS COMPONENTS ARE REMOVED ON BOTH SIDES OF A WALL OR SLAB, ALSO REMOVE THE PORTION PENETRATING THE WALL OR SLAB. WHERE CONTROLS COMPONENTS ENTER A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

GENERAL NOTES – CUTTING AND PATCHING:

F. WHERE EXISTING EQUIPMENT, DUCTS, PIPES, LOUVERS, GRILLES, CONTROLS, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE. WHERE SURFACE–MOUNTED COMPONENTS ARE REMOVED, REPAIR SURFACE FINISHES TO MATCH EXISTING.

G. MECHANICAL CONTRACTOR TO REMOVE AND REINSTALL CEILING TILES AS NEEDED TO FACILITATE THE MECHANICAL REMOVALS SCOPE OF WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.



MECHANICAL DEMOLITION PLAN - SUB-BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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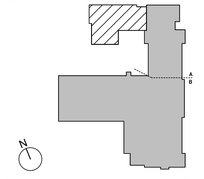
ISSUED FOR BID	03/27/2026

KEY PLAN



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MECHANICAL DEMOLITION PLAN - SUB-BASEMENT

MD100

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GENERAL NOTES – PIPING:

A. UNLESS OTHERWISE NOTED, ALL HORIZONTAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE HORIZONTAL PIPING IS REMOVED ON BOTH SIDES OF A WALL, ALSO REMOVE THE PORTION PENETRATING THE WALL. WHERE HORIZONTAL PIPING ENTERS A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

B. UNLESS OTHERWISE NOTED, ALL VERTICAL STEAM AND CONDENSATE RETURN RISERS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, SHAFTS, CHASES, AND SLABS. WHERE VERTICAL PIPING IS REMOVED ABOVE AND BELOW A FLOOR SLAB, ALSO REMOVE THE PORTION PENETRATING THE FLOOR SLAB. WHERE VERTICAL PIPING IS REMOVED ABOVE A PIPE TUNNEL OR BELOW AN ATTIC, CAP 3/4" BEHIND EXISTING SURFACE.

C. UNLESS OTHERWISE NOTED, ALL HORIZONTAL AND VERTICAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WITHIN EXISTING–TO–REMAIN SHAFTS OR CHASES, WITHIN PIPE TUNNELS, ABOVE EXISTING–TO–REMAIN CEILINGS, AND IN ATTIC SPACES, SHALL BE ABANDONED IN PLACE.

D. WHERE INSULATION WILL BE REMOVED FROM EXISTING–TO–REMAIN PIPING DURING ASBESTOS ABATEMENT, THE MECHANICAL CONTRACTOR SHALL RE–INSULATE EXISTING–TO–REMAIN PIPING AS PER THE SPECIFICATION, INCLUDING BUT NOT LIMITED TO STRAIGHT PIPE INSULATION, FITTINGS, ELBOWS, AND VALVE COVERS. REFER TO THE HAZMAT DRAWINGS FOR LOCATIONS AND QUANTITIES.

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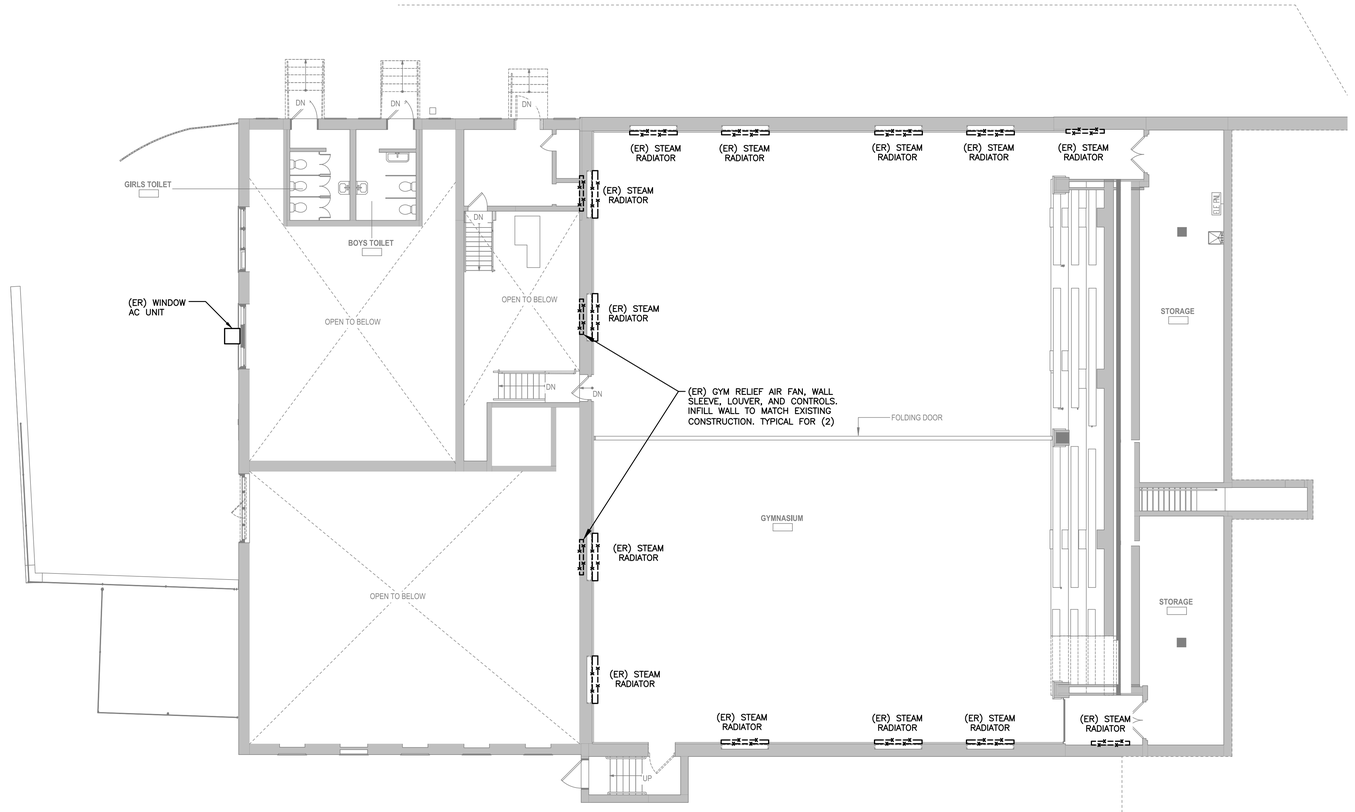

MECHANICAL DEMOLITION PLAN - BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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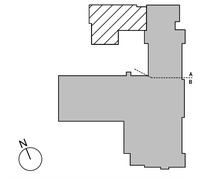

SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL DEMOLITION PLAN - BASEMENT

MD101

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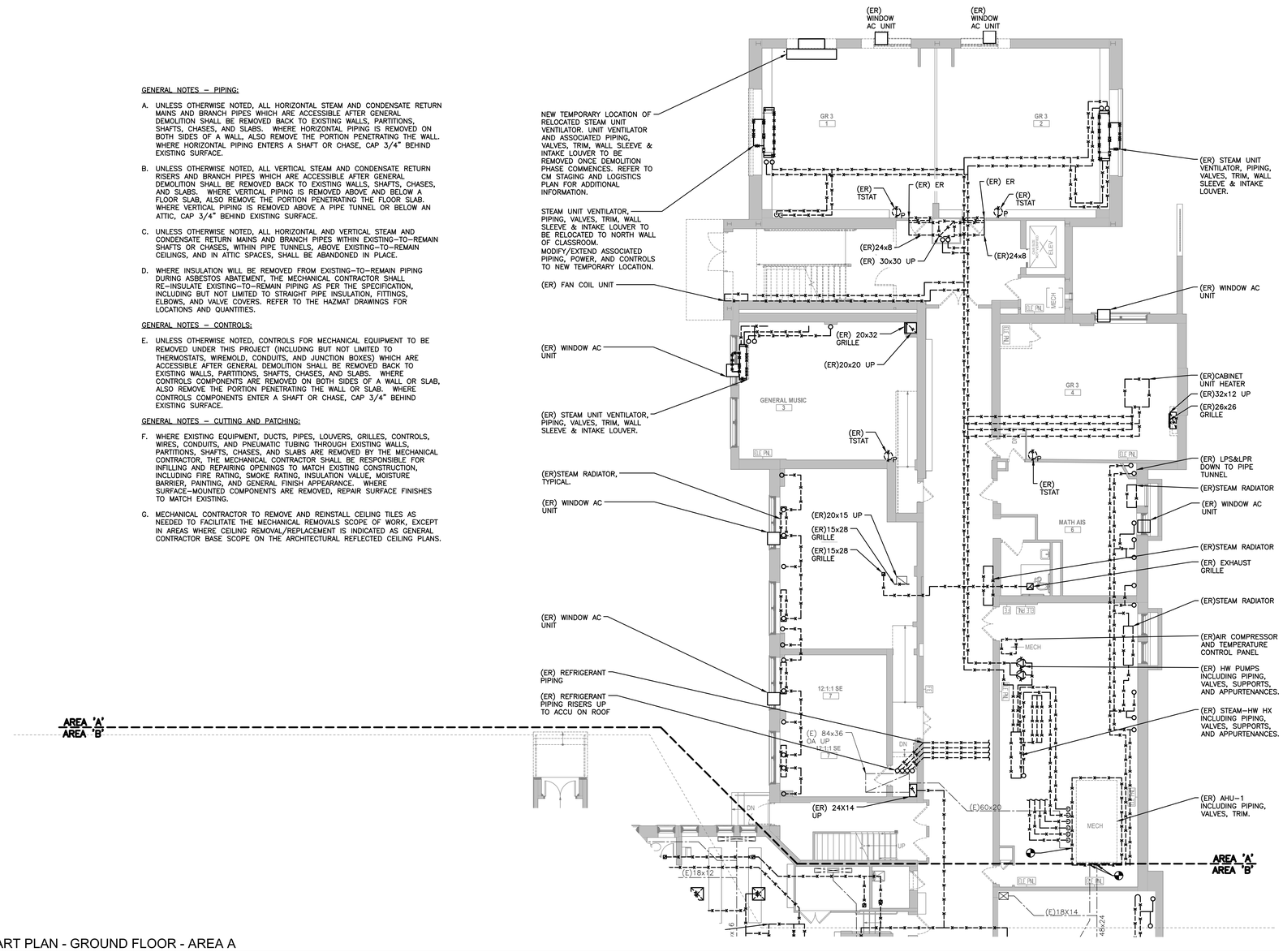

MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

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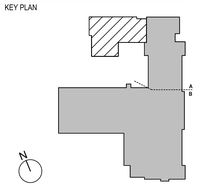

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MEMASI PROJECT NO. 101-2403

MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA A

MD102-A

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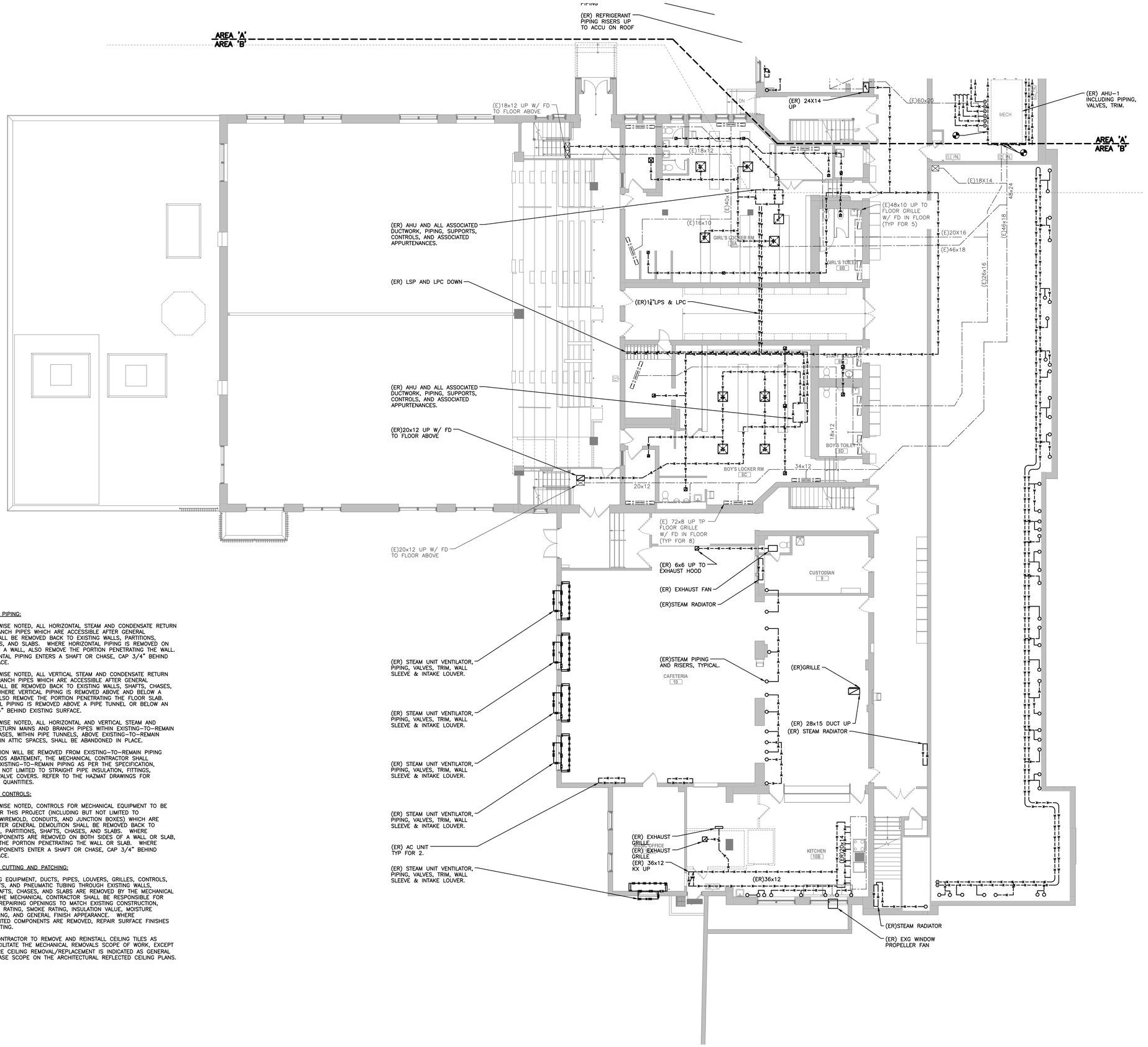

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MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

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BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DEMOLITION PART PLAN - GROUND FLOOR - AREA B

MD102-B

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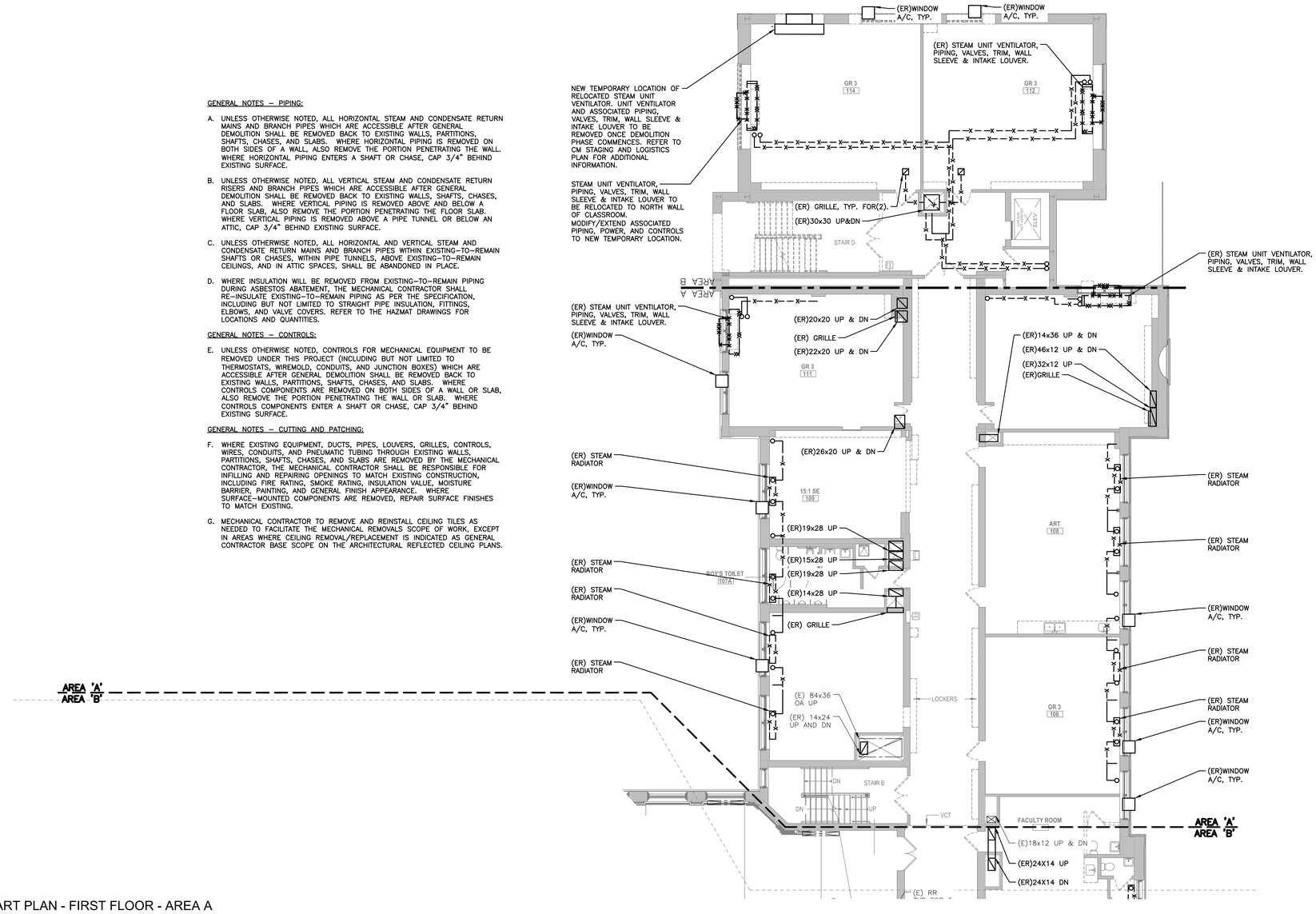

MECHANICAL DEMOLITION PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

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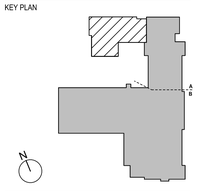

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MD103-A

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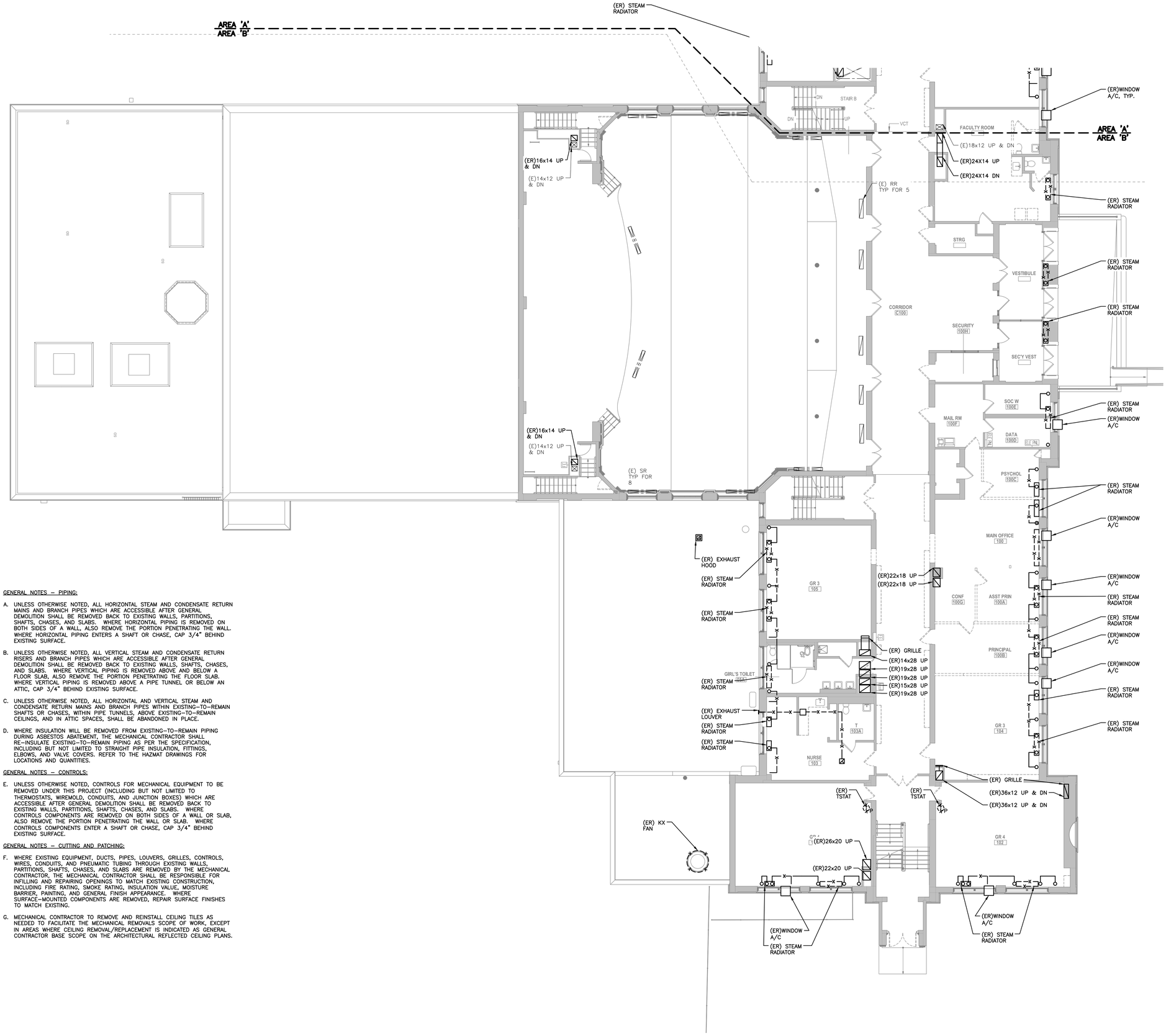

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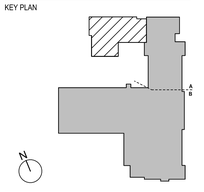
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DEMOLITION PART PLAN - FIRST FLOOR - AREA B

MD103-B

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GENERAL NOTES – PIPING:

A. UNLESS OTHERWISE NOTED, ALL HORIZONTAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE HORIZONTAL PIPING IS REMOVED ON BOTH SIDES OF A WALL, ALSO REMOVE THE PORTION PENETRATING THE WALL. WHERE HORIZONTAL PIPING ENTERS A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

B. UNLESS OTHERWISE NOTED, ALL VERTICAL STEAM AND CONDENSATE RETURN RISERS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, SHAFTS, CHASES, AND SLABS. WHERE VERTICAL PIPING IS REMOVED ABOVE AND BELOW A FLOOR SLAB, ALSO REMOVE THE PORTION PENETRATING THE FLOOR SLAB. WHERE VERTICAL PIPING IS REMOVED ABOVE A PIPE TUNNEL OR BELOW AN ATTIC, CAP 3/4" BEHIND EXISTING SURFACE.

C. UNLESS OTHERWISE NOTED, ALL HORIZONTAL AND VERTICAL STEAM AND CONDENSATE RETURN MAINS AND BRANCH PIPES WITHIN EXISTING–TO–REMAIN SHAFTS OR CHASES, WITHIN PIPE TUNNELS, ABOVE EXISTING–TO–REMAIN CEILINGS, AND IN ATTIC SPACES, SHALL BE ABANDONED IN PLACE.

D. WHERE INSULATION WILL BE REMOVED FROM EXISTING–TO–REMAIN PIPING DURING ASBESTOS ABATEMENT, THE MECHANICAL CONTRACTOR SHALL RE–INSULATE EXISTING–TO–REMAIN PIPING AS PER THE SPECIFICATION, INCLUDING BUT NOT LIMITED TO STRAIGHT PIPE INSULATION, FITTINGS, ELBOWS, AND VALVE COVERS. REFER TO THE HAZMAT DRAWINGS FOR LOCATIONS AND QUANTITIES.

GENERAL NOTES – CONTROLS:

E. UNLESS OTHERWISE NOTED, CONTROLS FOR MECHANICAL EQUIPMENT TO BE REMOVED UNDER THIS PROJECT (INCLUDING BUT NOT LIMITED TO THERMOSTATS, WIREMOLD, CONDUITS, AND JUNCTION BOXES) WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE CONTROLS COMPONENTS ARE REMOVED ON BOTH SIDES OF A WALL OR SLAB, ALSO REMOVE THE PORTION PENETRATING THE WALL OR SLAB. WHERE CONTROLS COMPONENTS ENTER A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

GENERAL NOTES – CUTTING AND PATCHING:

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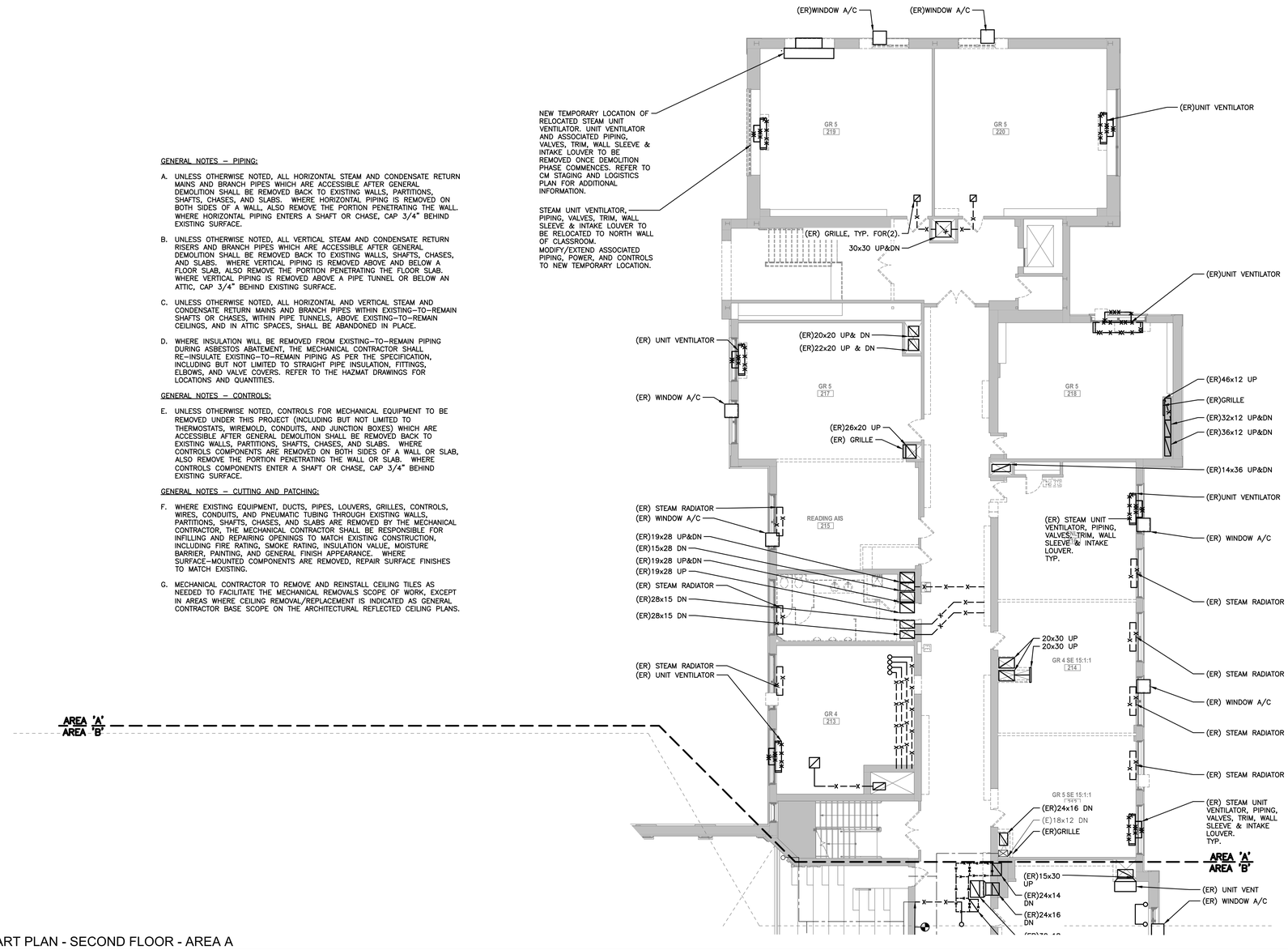
G. MECHANICAL CONTRACTOR TO REMOVE AND REINSTALL CEILING TILES AS NEEDED TO FACILITATE THE MECHANICAL REMOVALS SCOPE OF WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.



MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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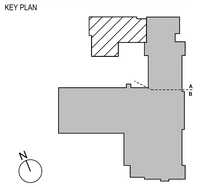

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA A

MD104-A

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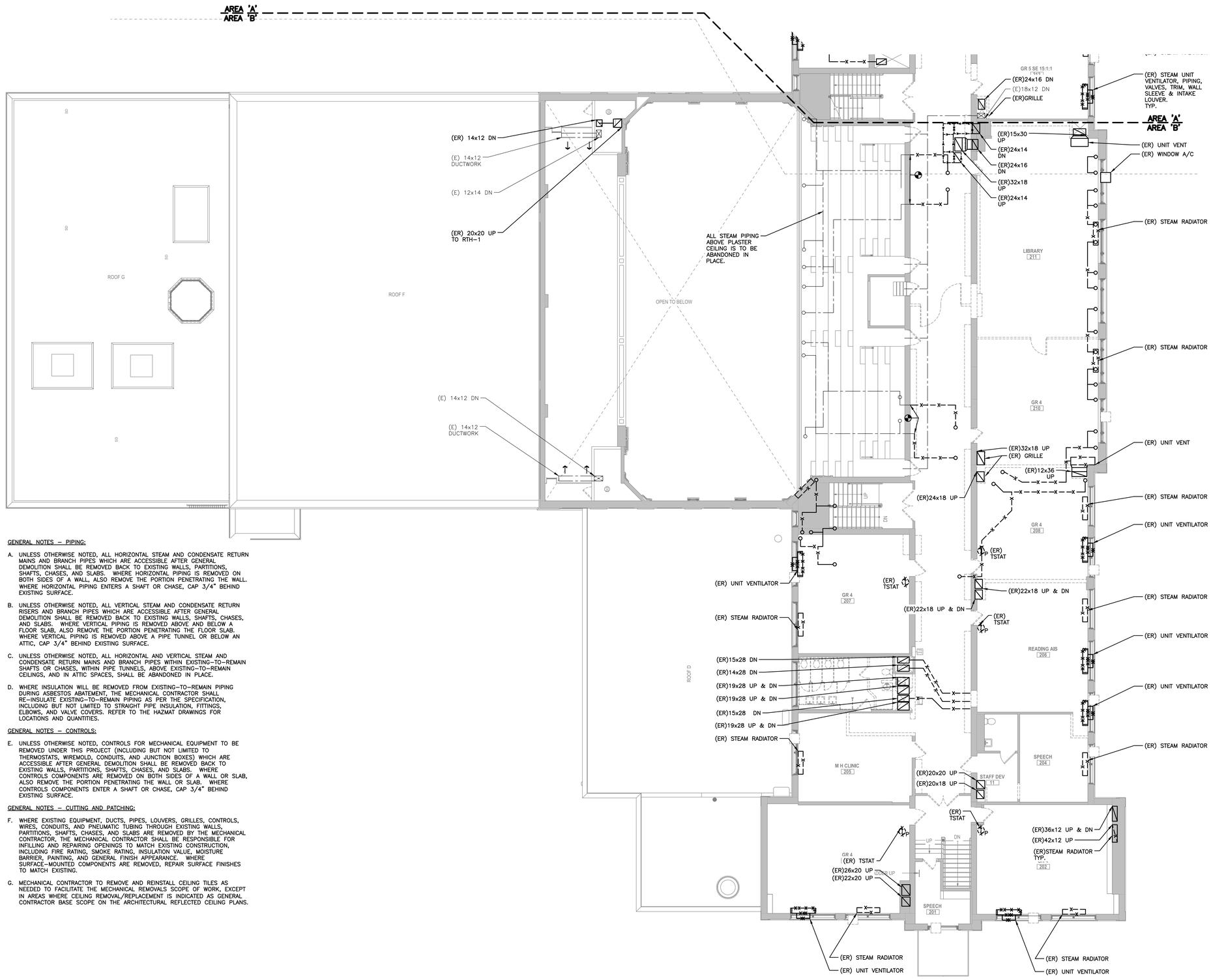

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MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

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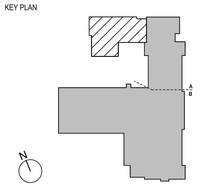

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MECHANICAL DEMOLITION PART PLAN - SECOND FLOOR - AREA B

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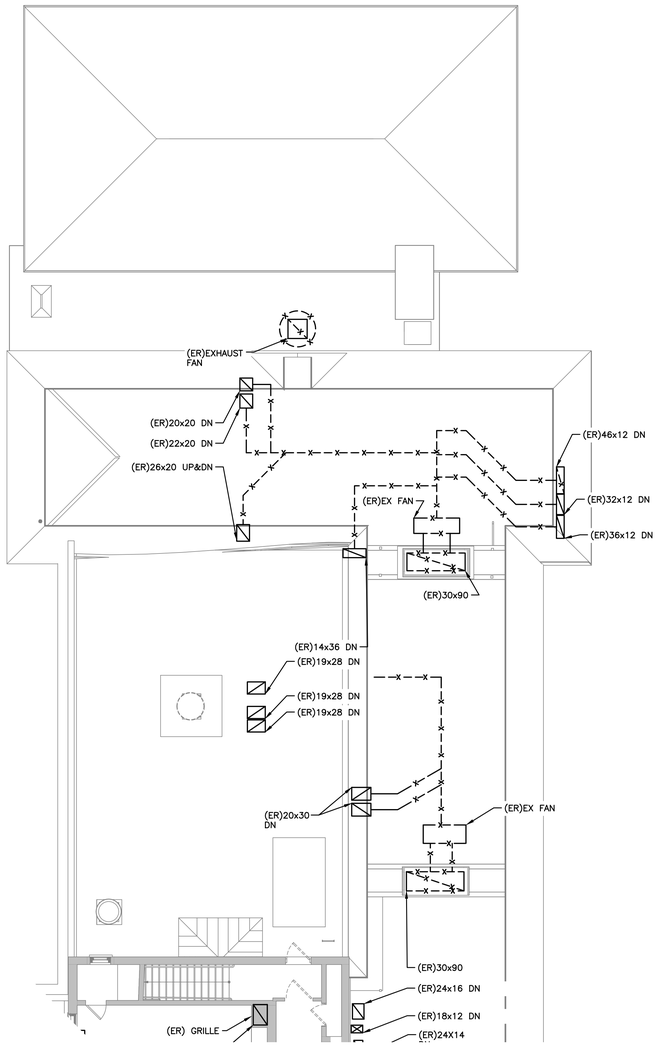
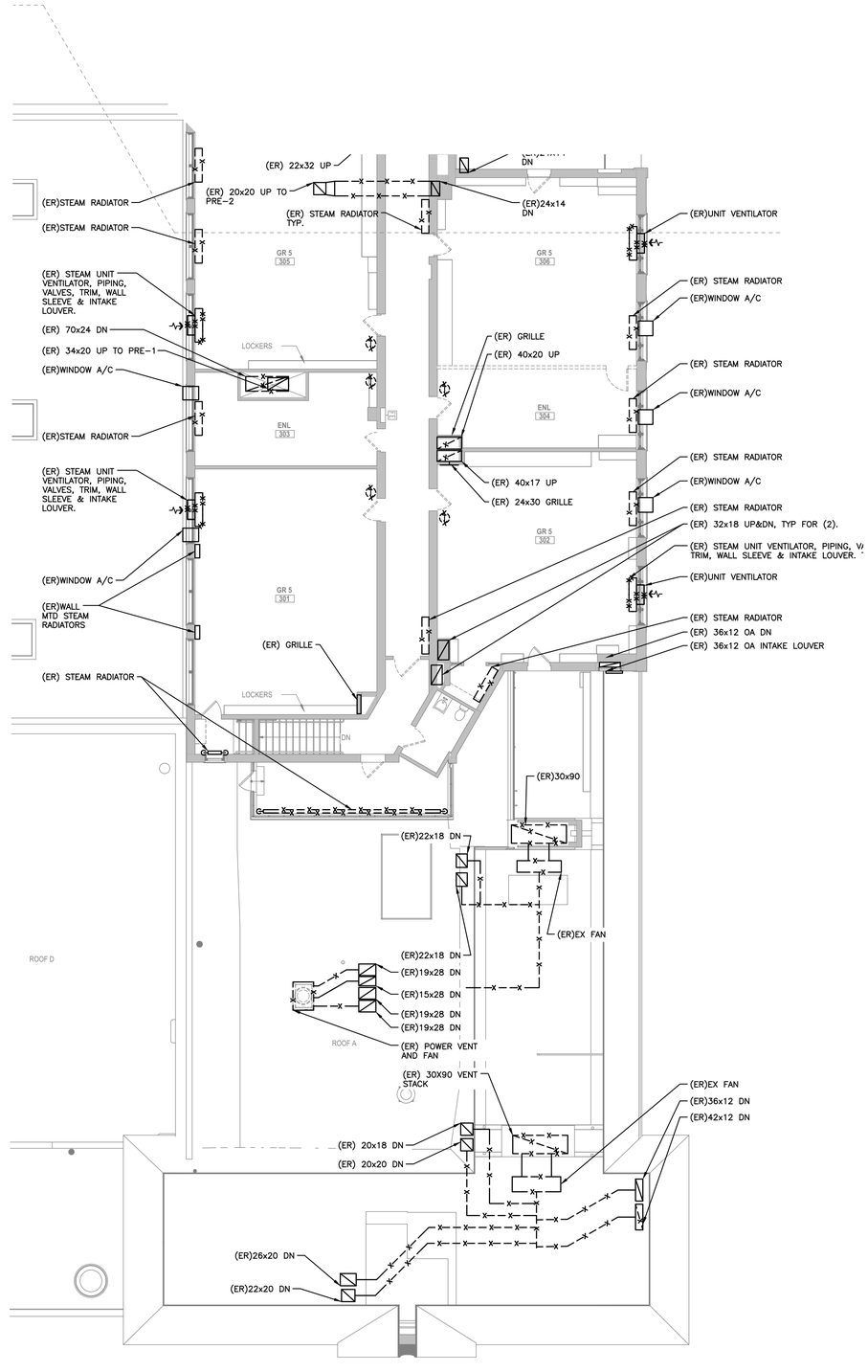


PART A



PART B

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MECHANICAL DEMOLITION PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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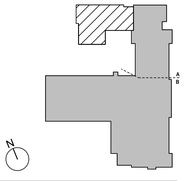

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MEMASI PROJECT NO. 101-2403

MECHANICAL DEMOLITION PLAN - THIRD FLOOR

MD105

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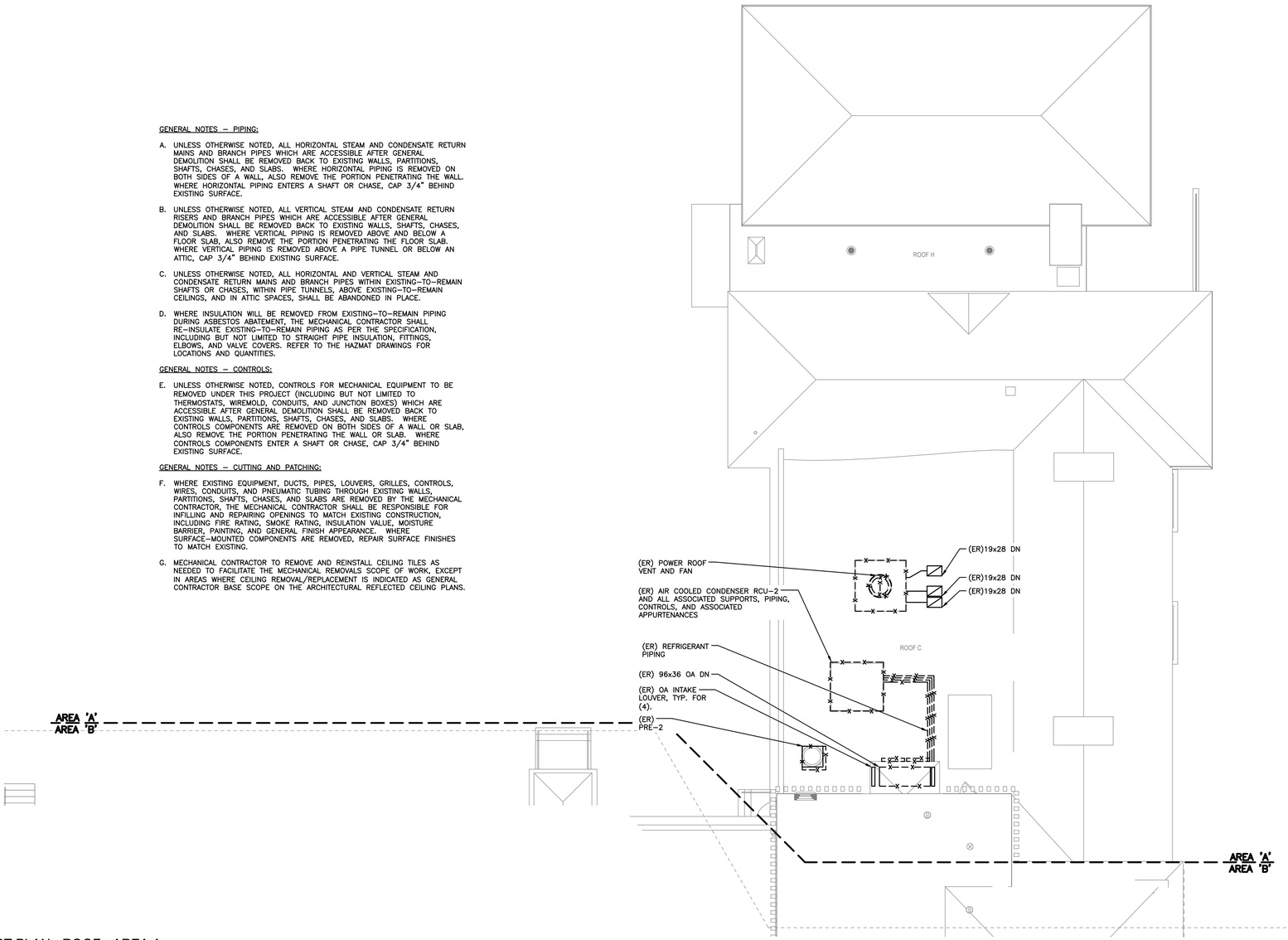

MECHANICAL DEMOLITION PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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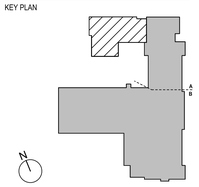

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MECHANICAL DEMOLITION PART PLAN - ROOF - AREA A

MD106-A

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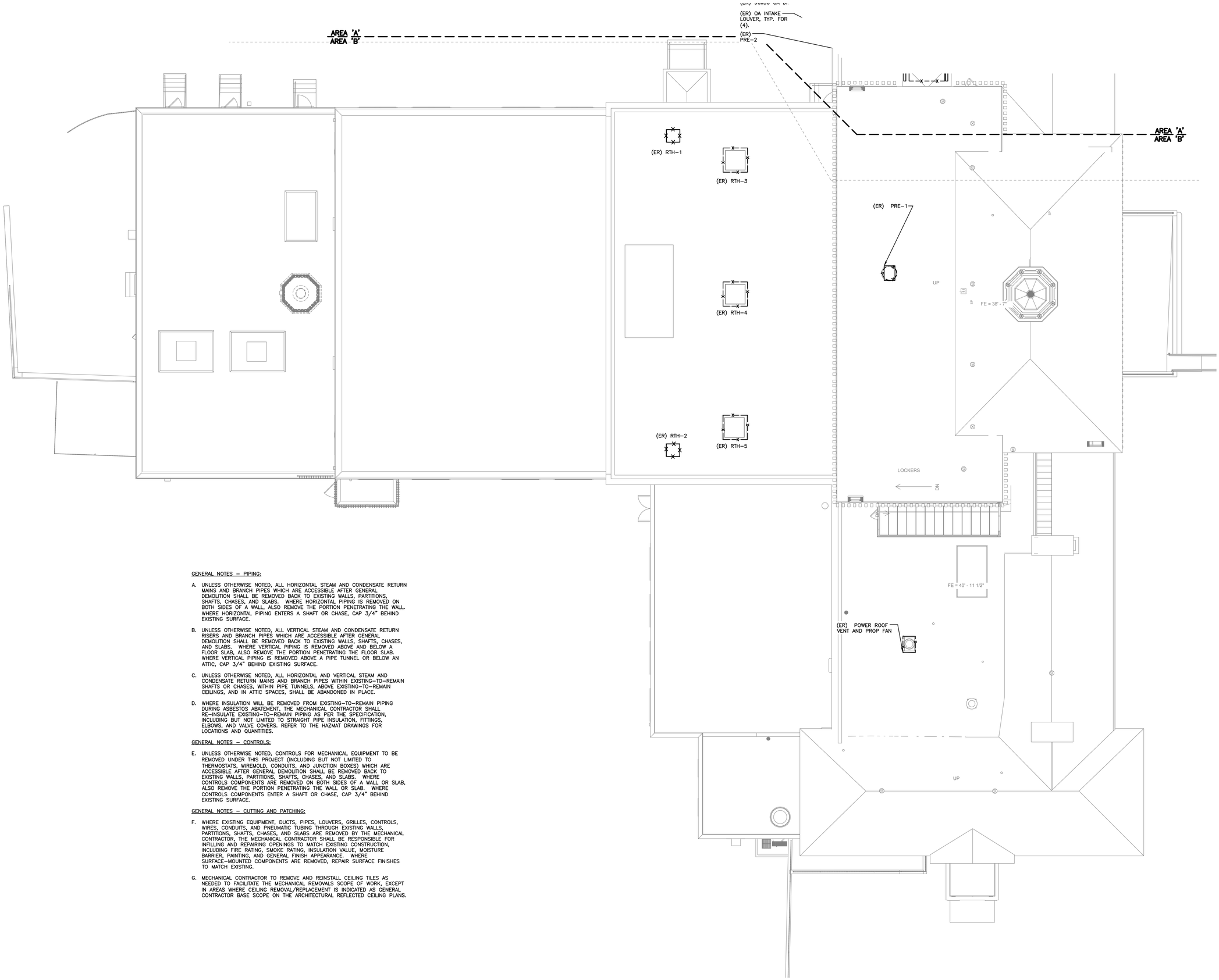

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B. UNLESS OTHERWISE NOTED, ALL VERTICAL STEAM AND CONDENSATE RETURN RISERS AND BRANCH PIPES WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, SHAFTS, CHASES, AND SLABS. WHERE VERTICAL PIPING IS REMOVED ABOVE AND BELOW A FLOOR SLAB, ALSO REMOVE THE PORTION PENETRATING THE FLOOR SLAB. WHERE VERTICAL PIPING IS REMOVED ABOVE A PIPE TUNNEL OR BELOW AN ATTIC, CAP 3/4" BEHIND EXISTING SURFACE.

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D. WHERE INSULATION WILL BE REMOVED FROM EXISTING-TO-REMAIN PIPING DURING ASBESTOS ABATEMENT, THE MECHANICAL CONTRACTOR SHALL RE-INSULATE EXISTING-TO-REMAIN PIPING AS PER THE SPECIFICATION, INCLUDING BUT NOT LIMITED TO STRAIGHT PIPE INSULATION, FITTINGS, ELBOWS, AND VALVE COVERS. REFER TO THE HAZMAT DRAWINGS FOR LOCATIONS AND QUANTITIES.

GENERAL NOTES – CONTROLS:

E. UNLESS OTHERWISE NOTED, CONTROLS FOR MECHANICAL EQUIPMENT TO BE REMOVED UNDER THIS PROJECT (INCLUDING BUT NOT LIMITED TO THERMOSTATS, WIREMOLD, CONDUITS, AND JUNCTION BOXES) WHICH ARE ACCESSIBLE AFTER GENERAL DEMOLITION SHALL BE REMOVED BACK TO EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS. WHERE CONTROLS COMPONENTS ARE REMOVED ON BOTH SIDES OF A WALL OR SLAB, ALSO REMOVE THE PORTION PENETRATING THE WALL OR SLAB. WHERE CONTROLS COMPONENTS ENTER A SHAFT OR CHASE, CAP 3/4" BEHIND EXISTING SURFACE.

GENERAL NOTES – CUTTING AND PATCHING:

F. WHERE EXISTING EQUIPMENT, DUCTS, PIPES, LOUVERS, GRILLES, CONTROLS, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE. WHERE SURFACE-MOUNTED COMPONENTS ARE REMOVED, REPAIR SURFACE FINISHES TO MATCH EXISTING.

G. MECHANICAL CONTRACTOR TO REMOVE AND REINSTALL CEILING TILES AS NEEDED TO FACILITATE THE MECHANICAL REMOVALS SCOPE OF WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.

MECHANICAL DEMOLITION PART PLAN - ROOF - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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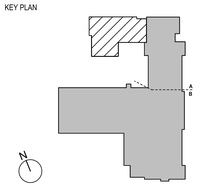

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MECHANICAL DEMOLITION PART PLAN - ROOF - AREA B

MD106-B

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D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

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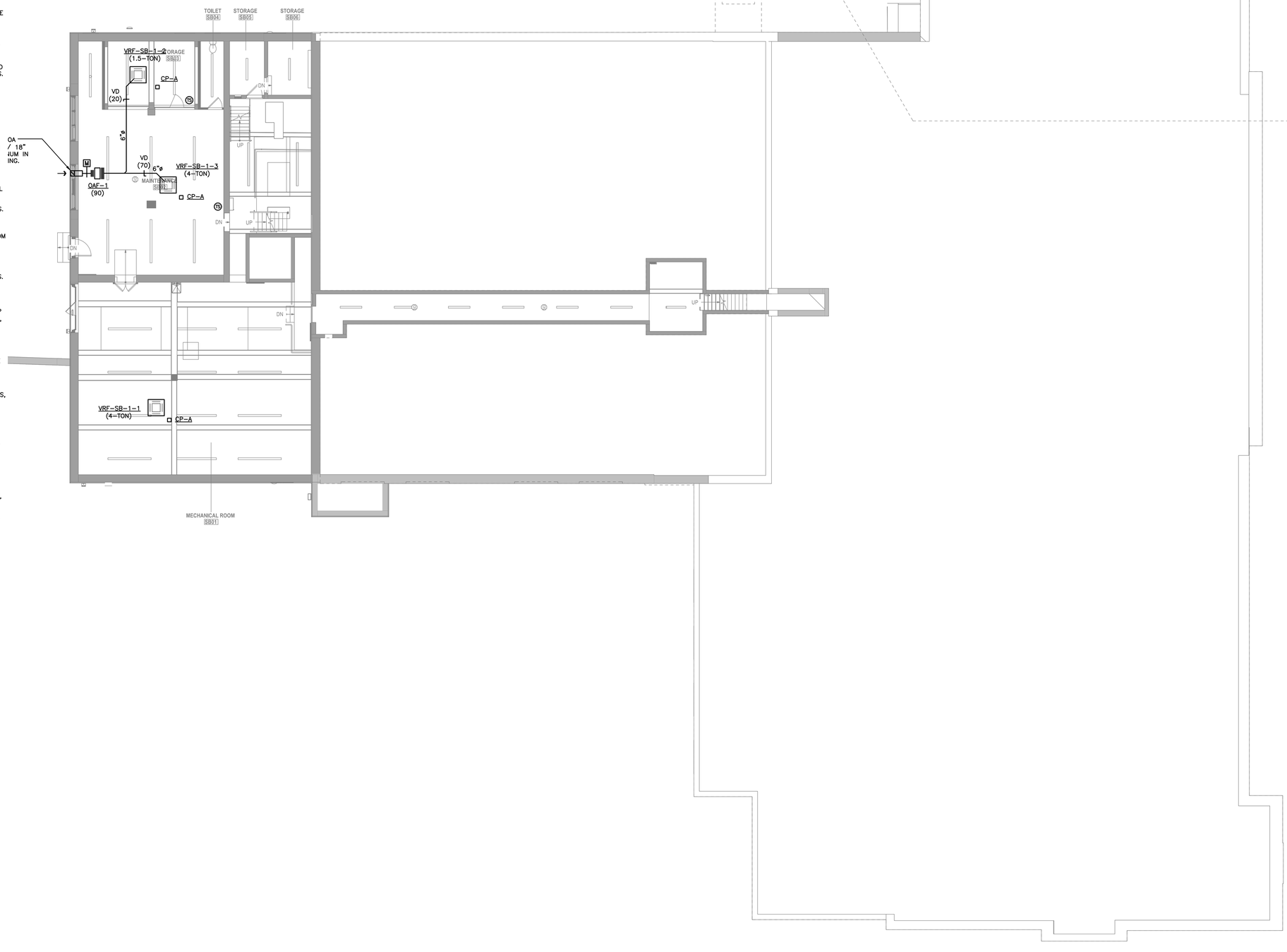

MECHANICAL DUCTWORK PLAN - SUB-BASEMENT
1/8" = 1'-0"

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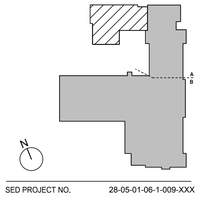

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MECHANICAL DUCTWORK PLAN - SUB-BASEMENT

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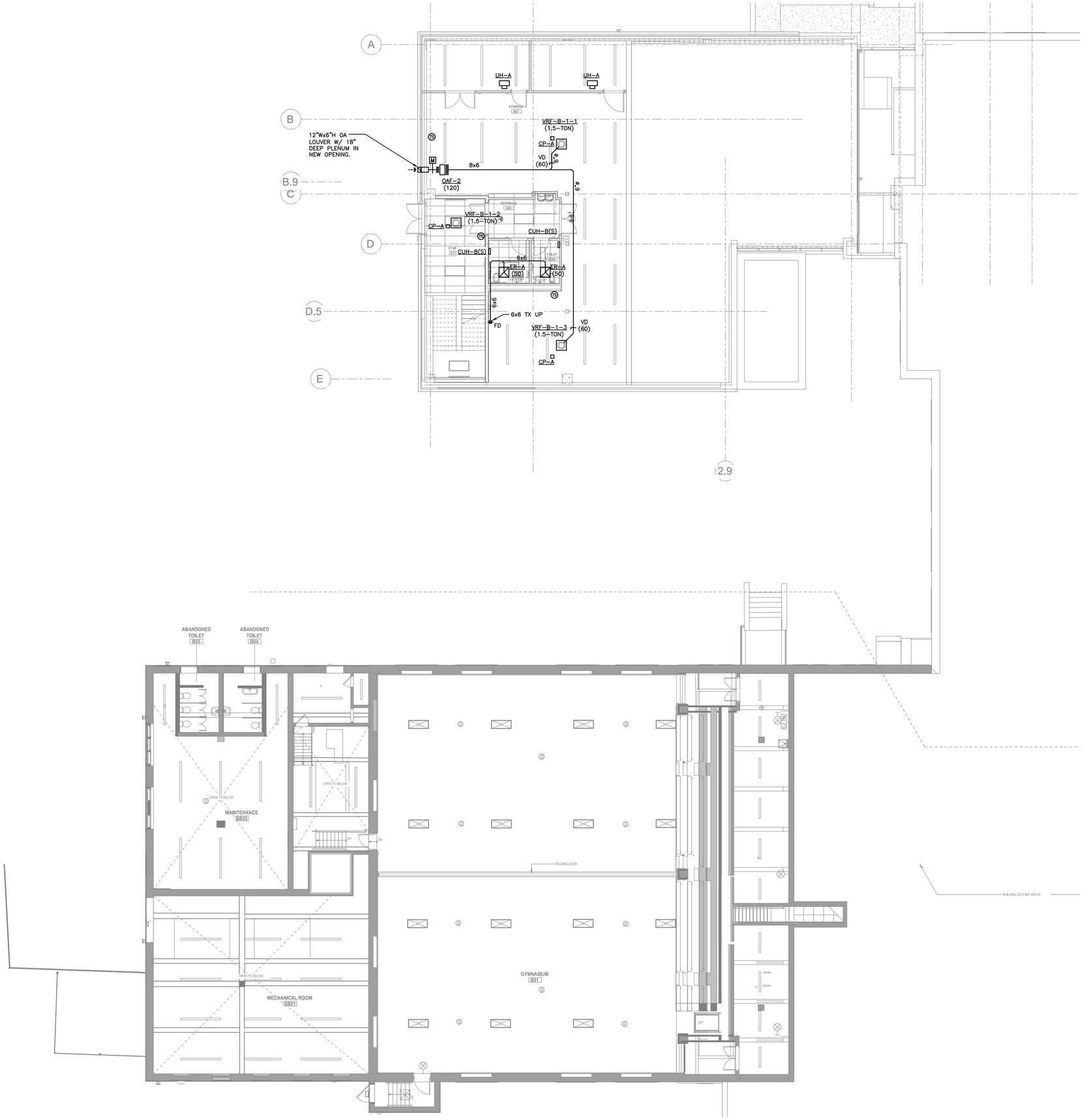

MECHANICAL DUCTWORK PLAN - BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

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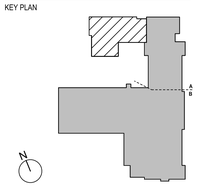

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MEMASI PROJECT NO.	101-2403

MECHANICAL DUCTWORK PLAN - BASEMENT

M101

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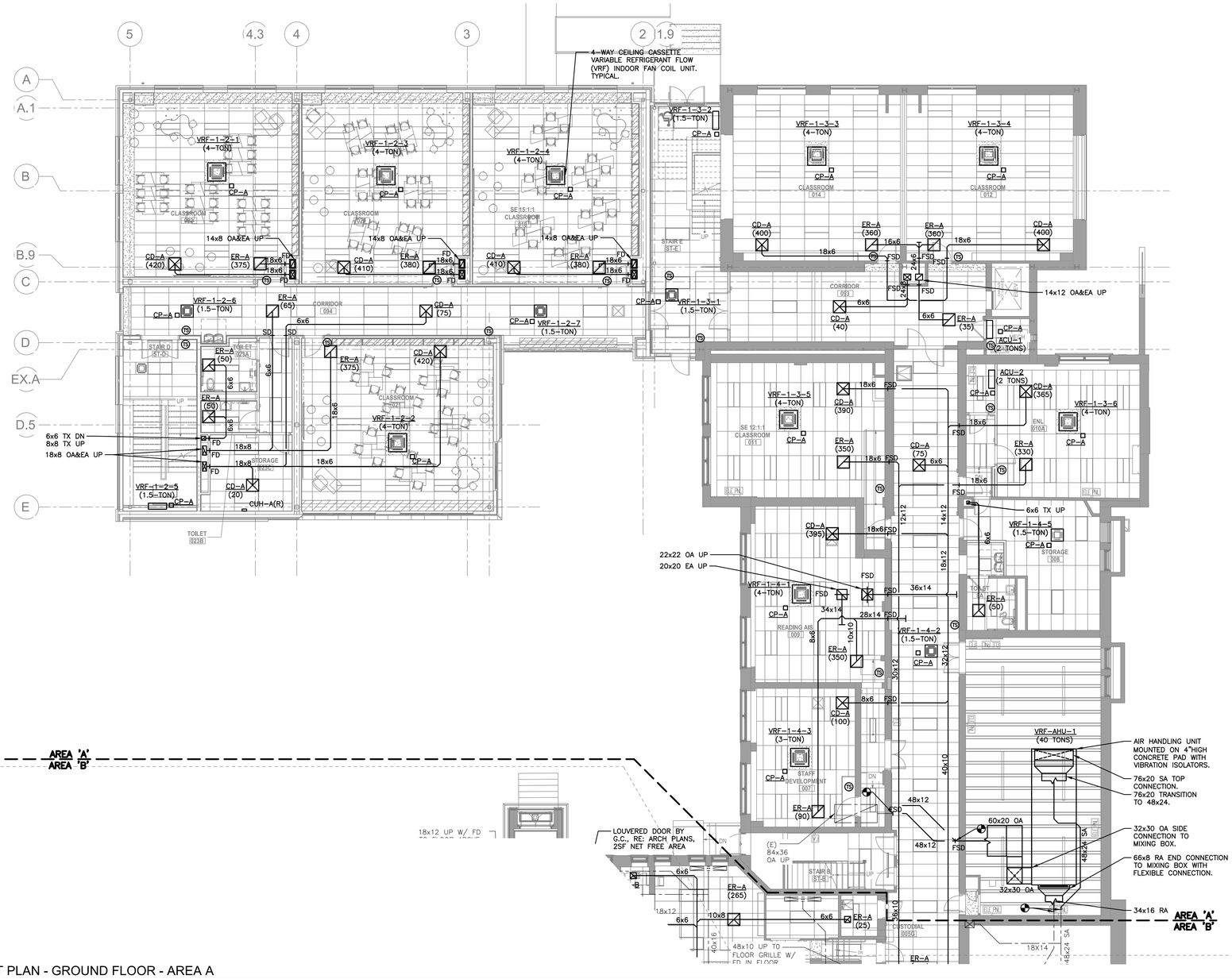

MECHANICAL DUCTWORK PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

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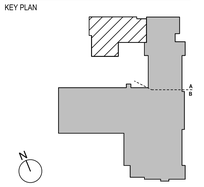

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MECHANICAL DUCTWORK PART PLAN - GROUND FLOOR - AREA A

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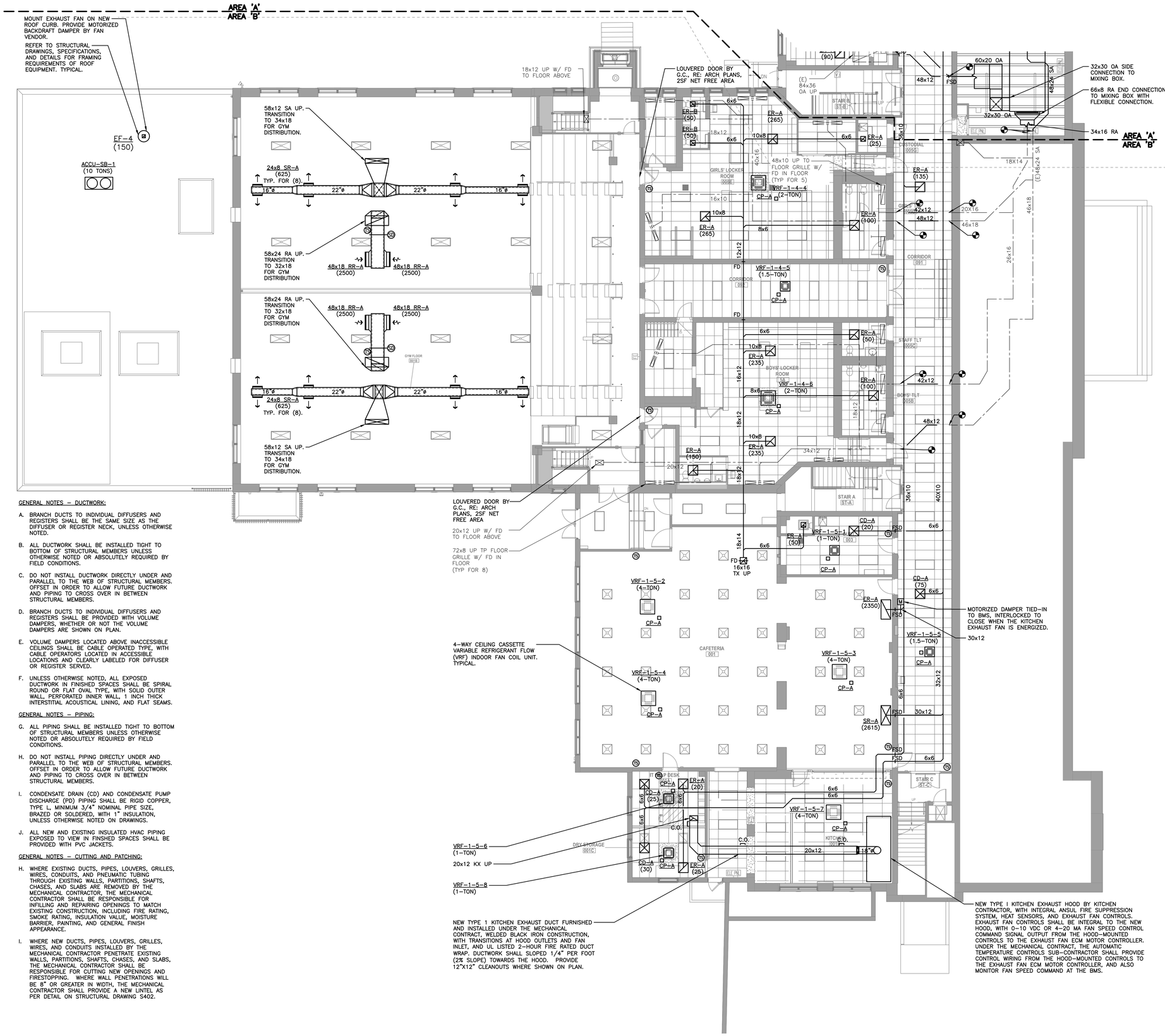

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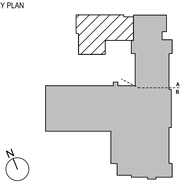

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M102-B

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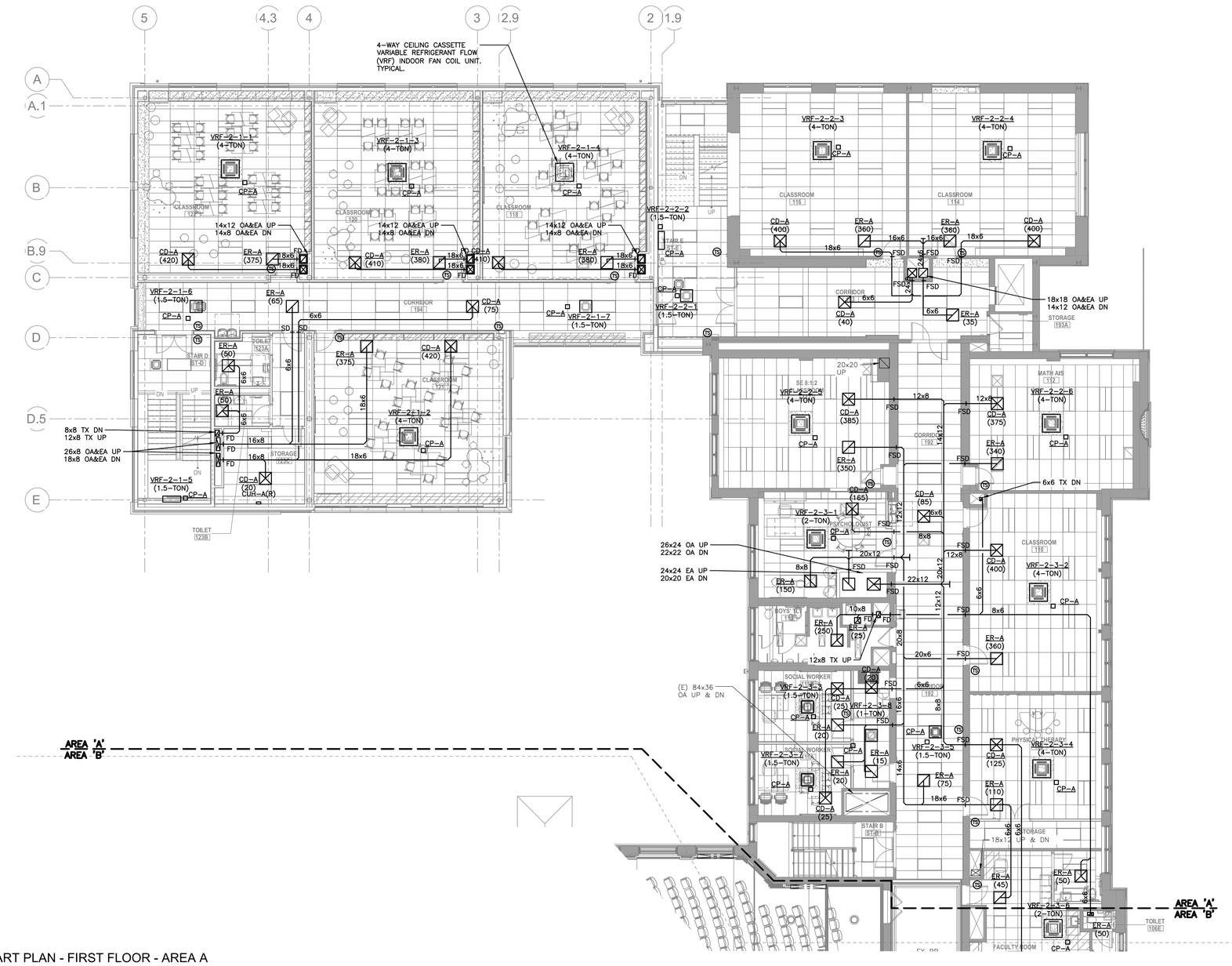

MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

GENERAL NOTES – DUCTWORK:

A. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.

B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

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GENERAL NOTES – CUTTING AND PATCHING:

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ISSUE	DATE
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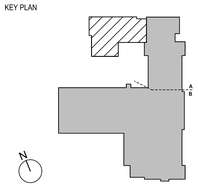

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA A

M103-A

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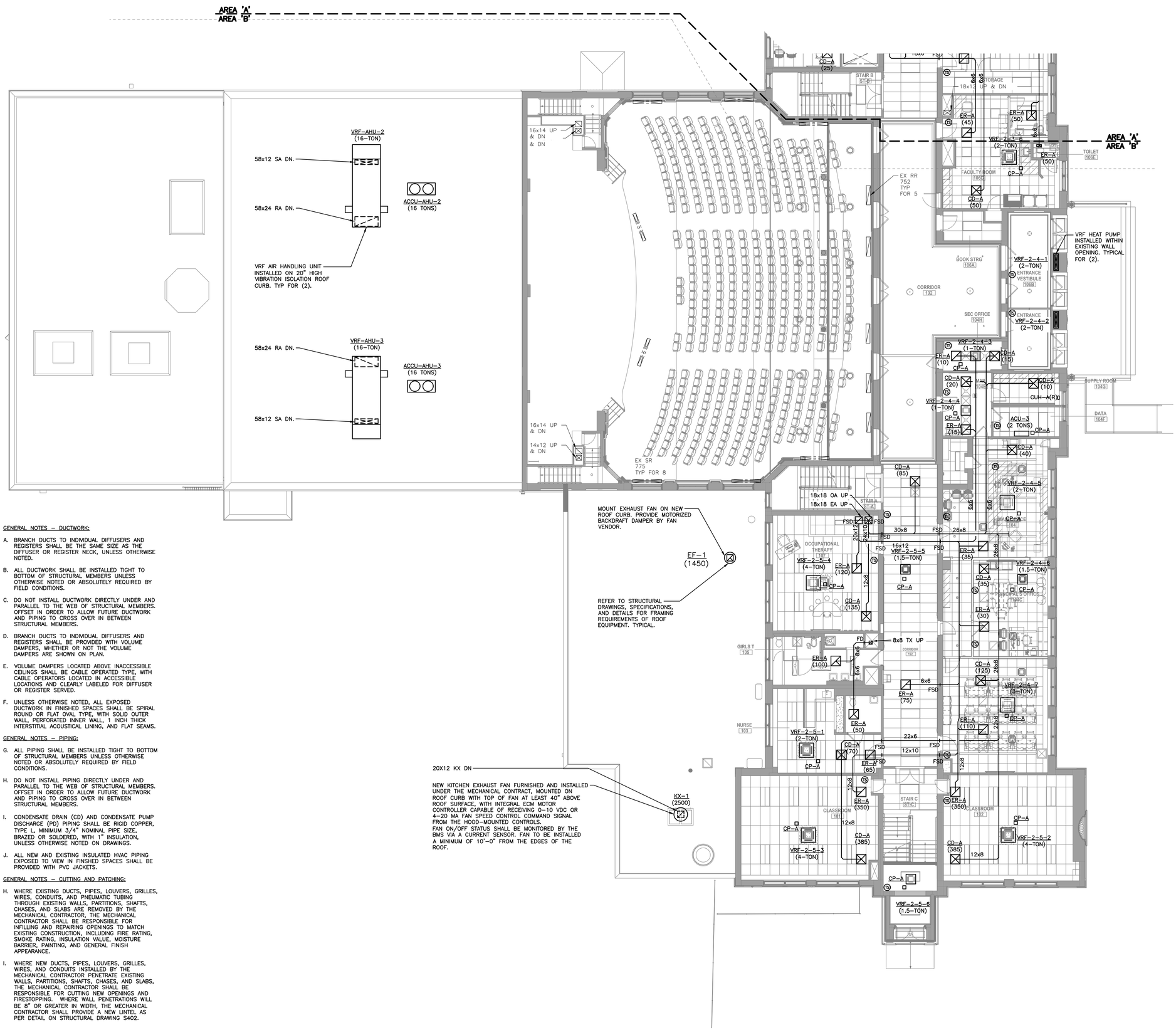

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MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

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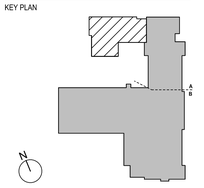

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DUCTWORK PART PLAN - FIRST FLOOR - AREA B

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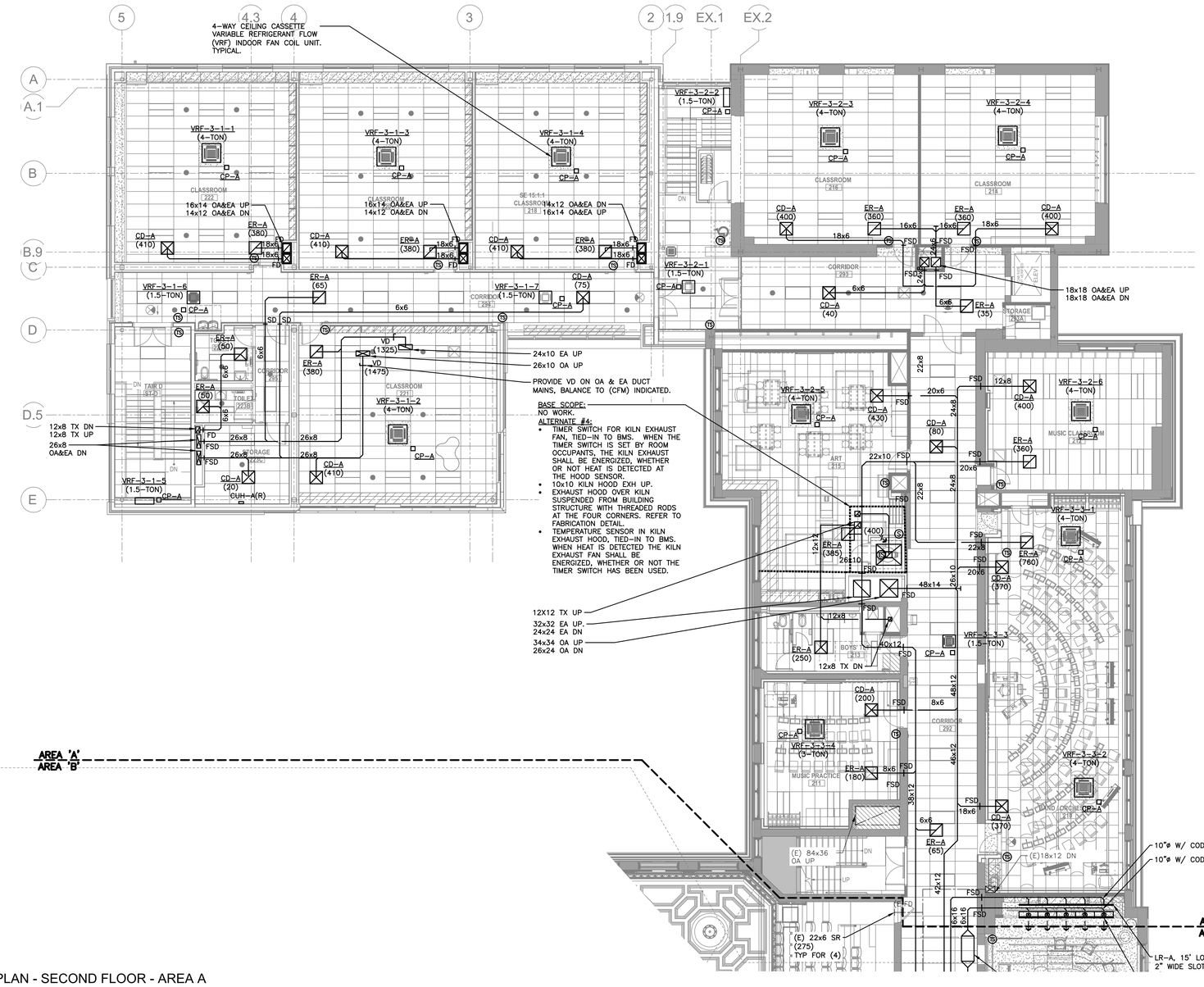

MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA A

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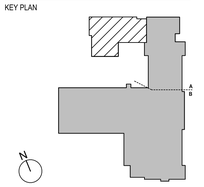

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA A

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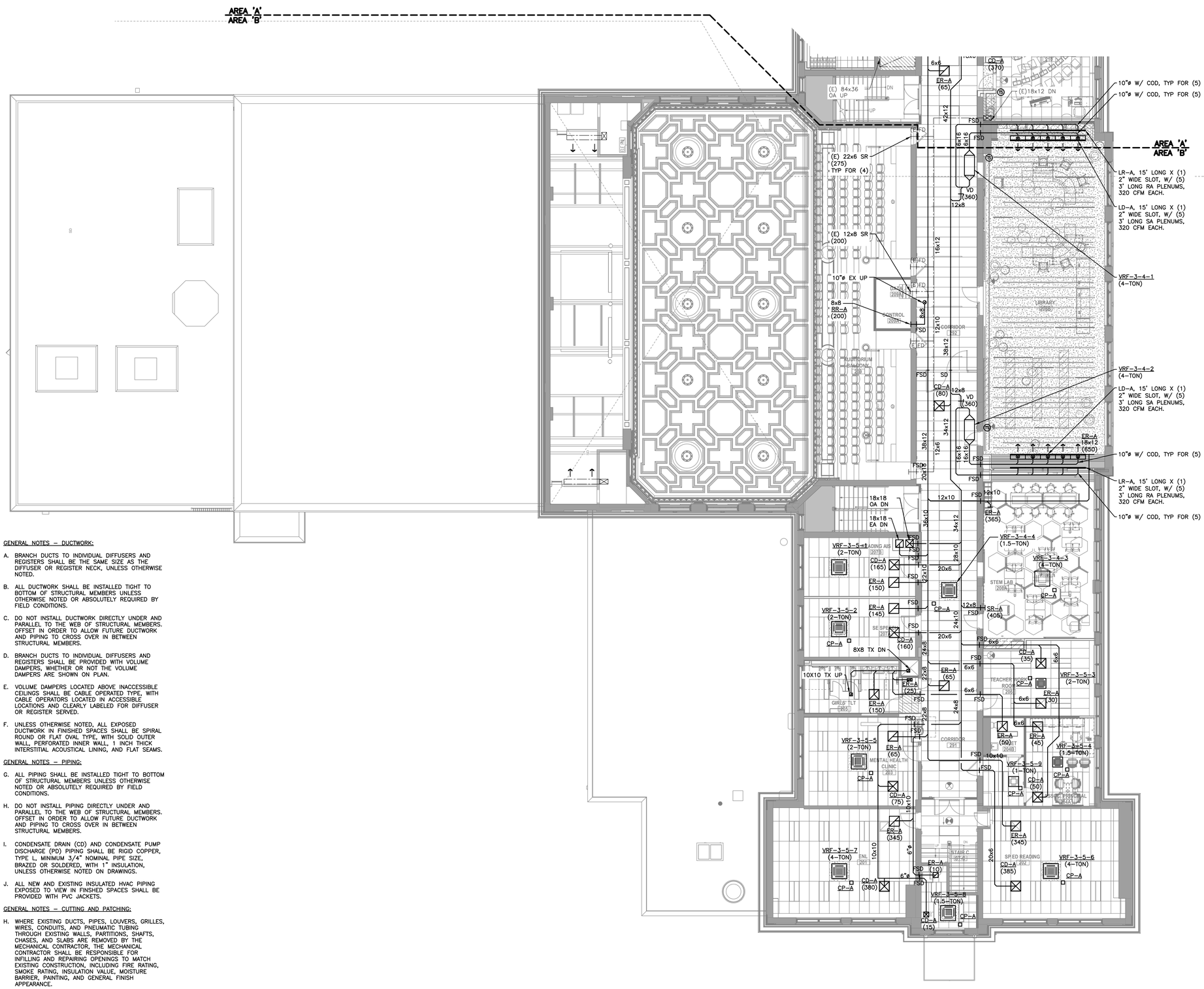

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MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA B

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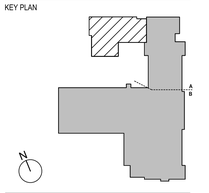

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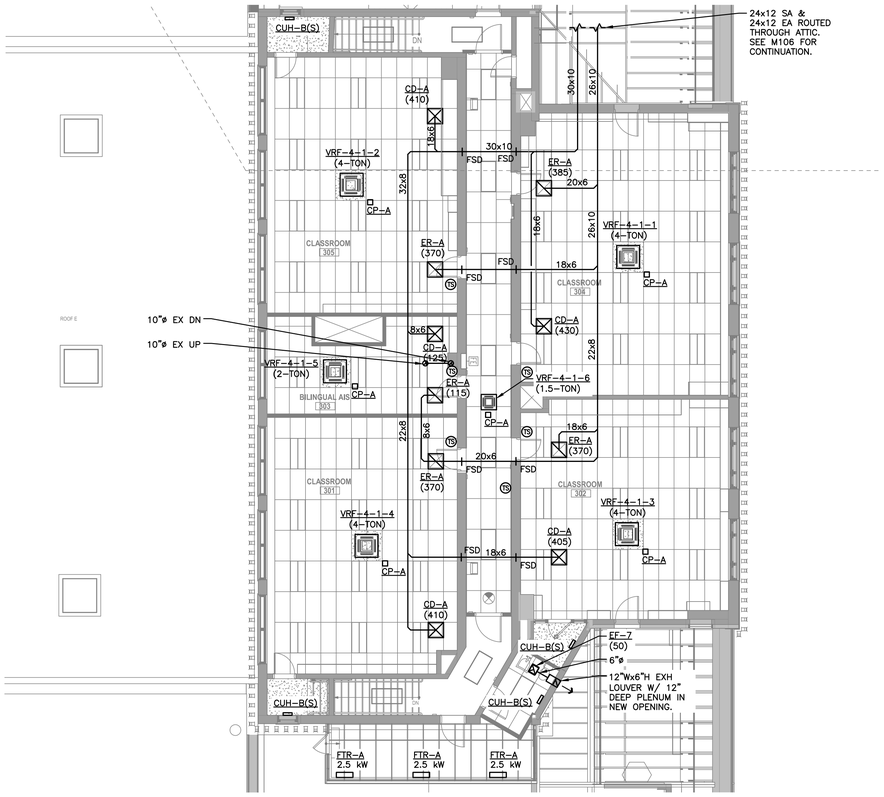

MECHANICAL DUCTWORK PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

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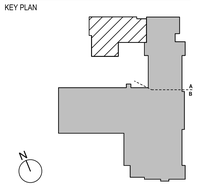
KEY PLAN



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MEMASI PROJECT NO.	101-2403

MECHANICAL DUCTWORK PLAN - THIRD FLOOR

M105

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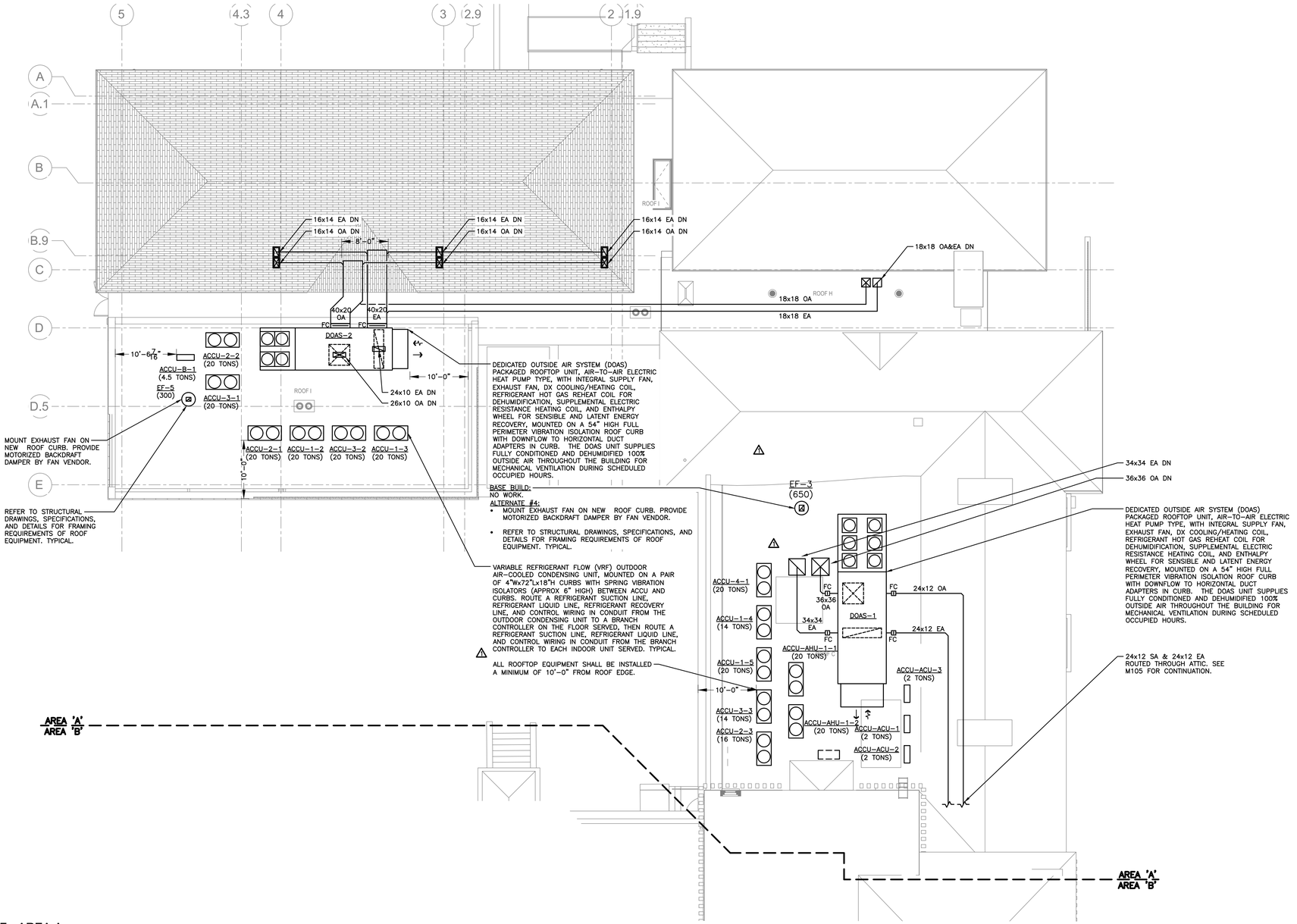

MECHANICAL PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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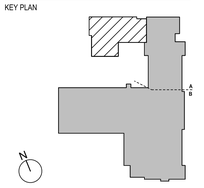

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MECHANICAL PART PLAN - ROOF - AREA A

M106-A

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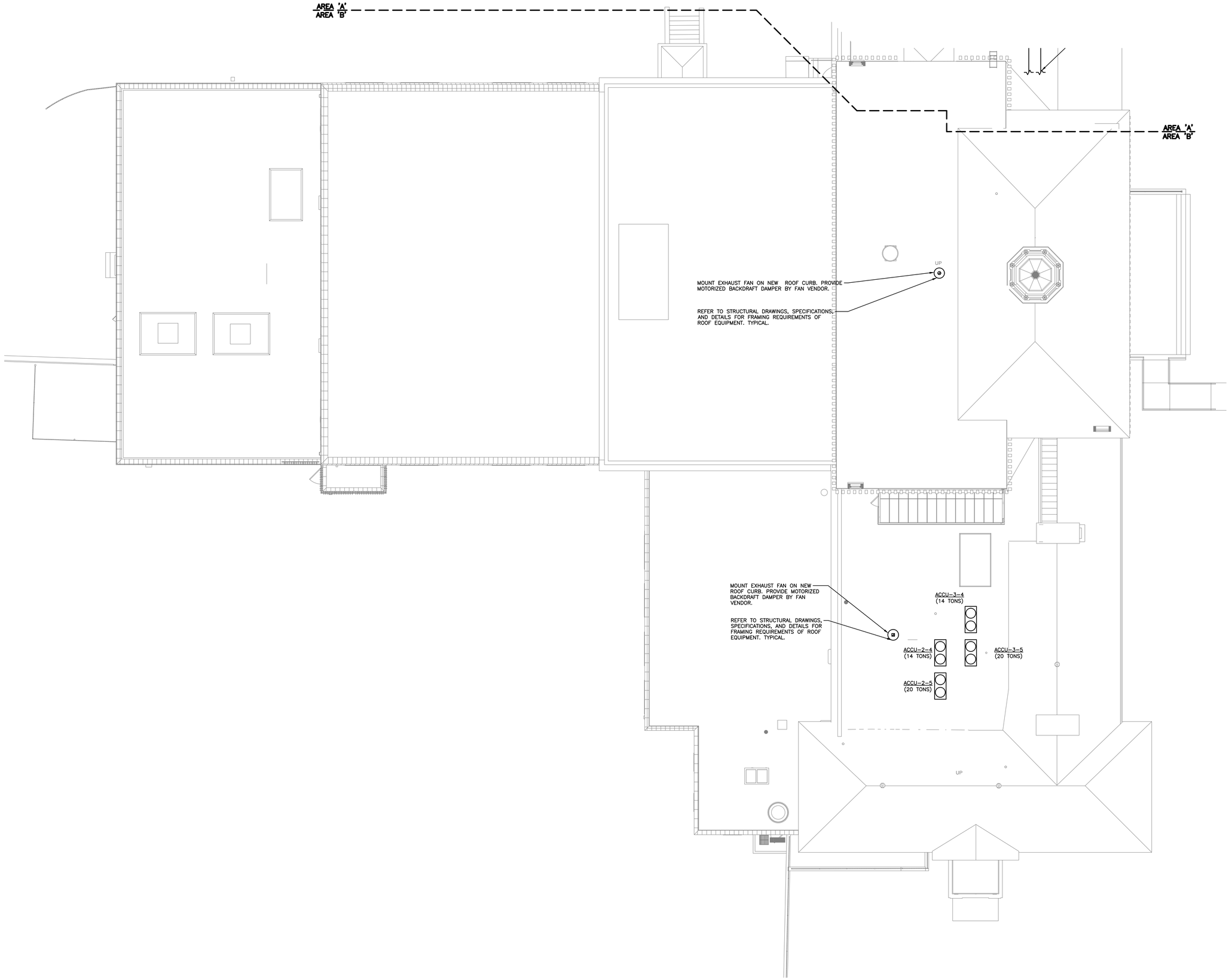

MECHANICAL PART PLAN - ROOF - AREA B

1/8" = 1'-0"

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2024 CAPITAL BOND PROJECT - PHASE 2

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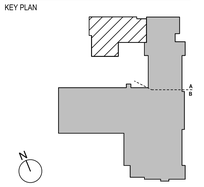

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MECHANICAL PART PLAN - ROOF - AREA B

M106-B

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B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

GENERAL NOTES – PIPING:

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J. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINISHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.

GENERAL NOTES – CUTTING AND PATCHING:

H. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.

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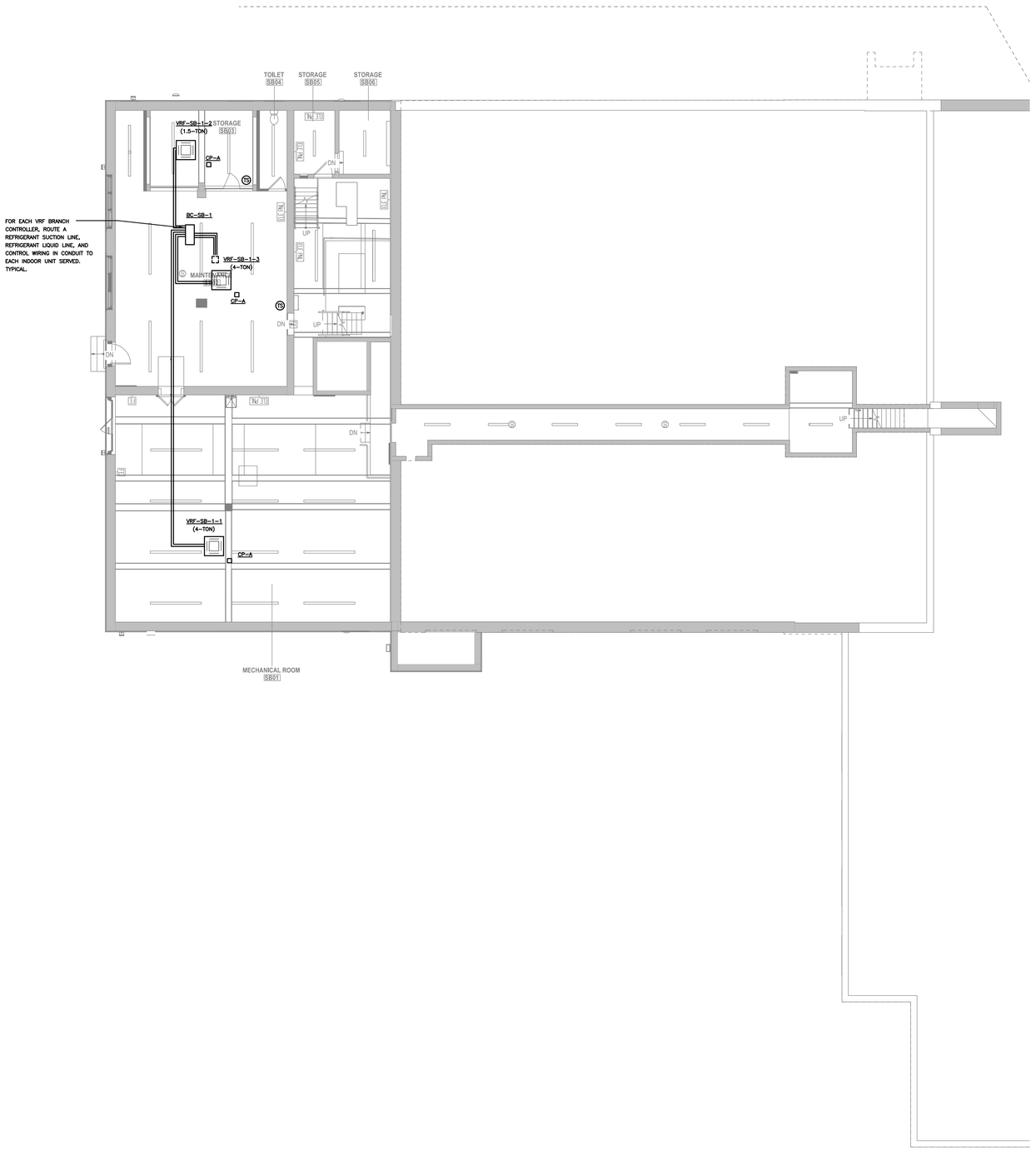

MECHANICAL PIPING PLAN - SUB-BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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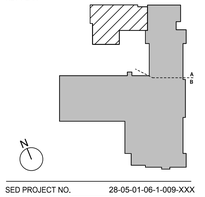
KEY PLAN



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MECHANICAL PIPING PLAN - SUB-BASEMENT

M200

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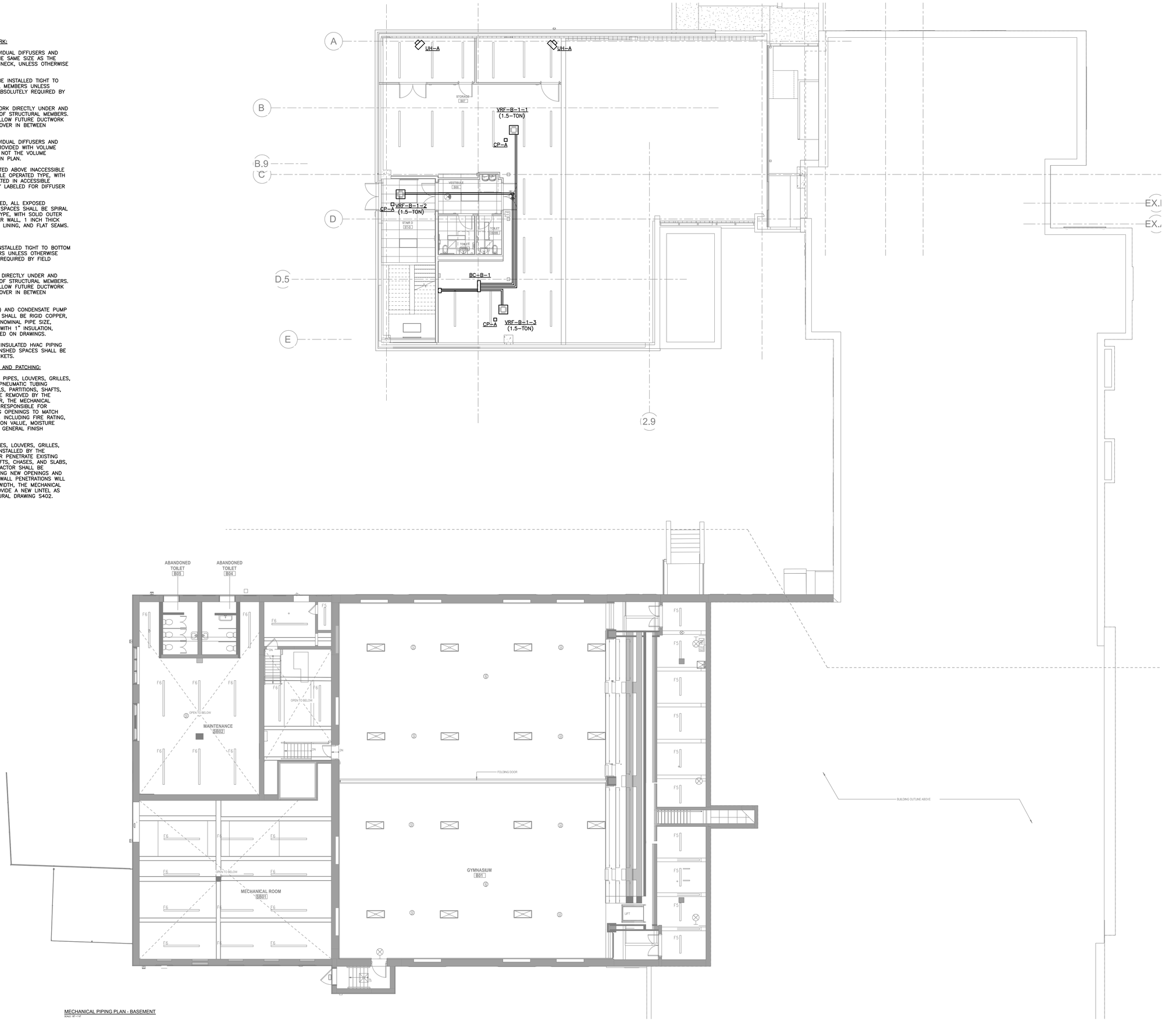

MECHANICAL PIPING PLAN - BASEMENT
SCALE: 1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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ISSUE	DATE
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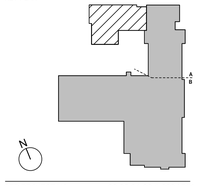
KEY PLAN



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MECHANICAL PIPING PLAN - BASEMENT

M201

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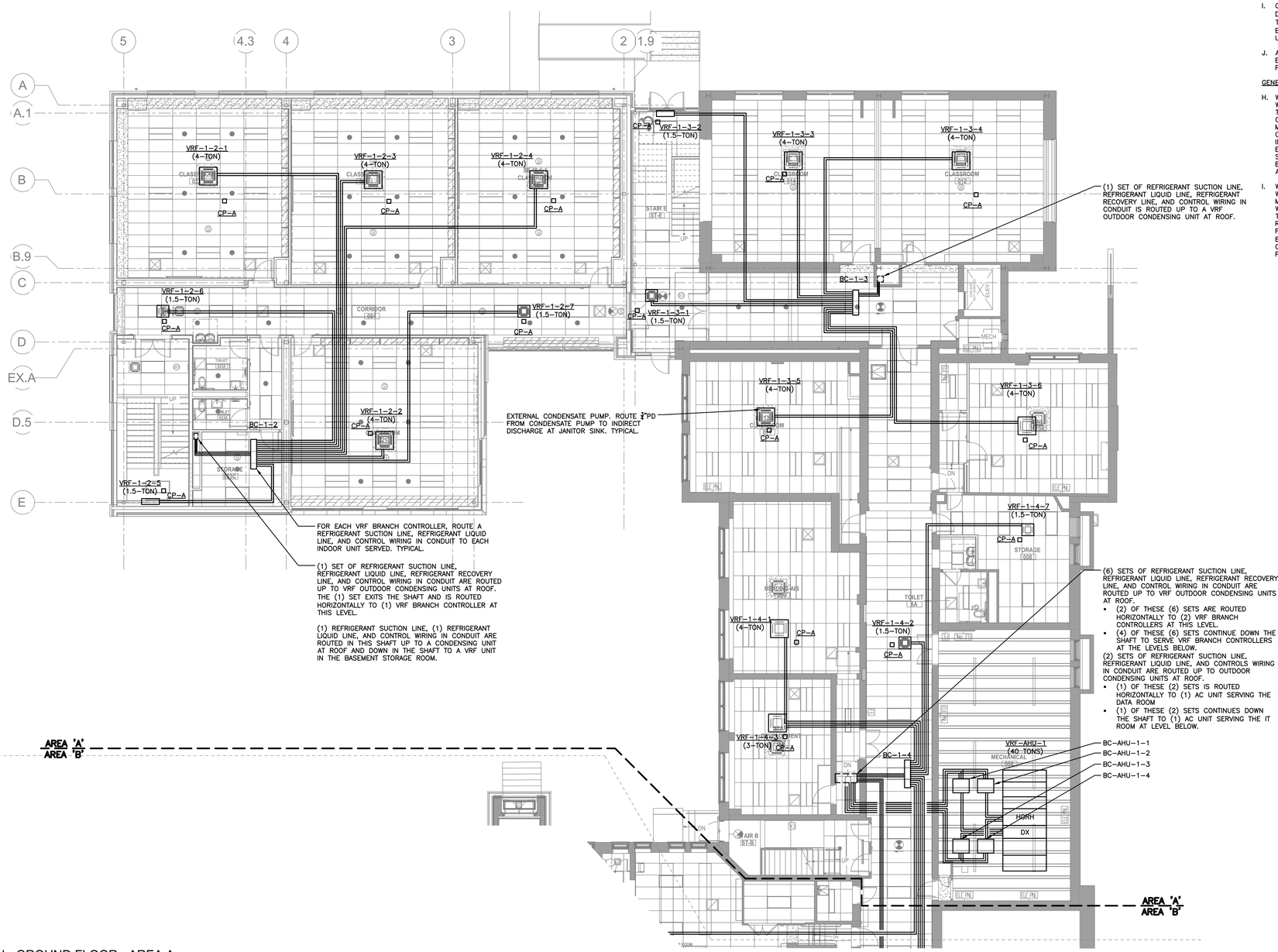

MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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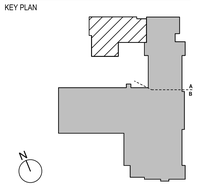

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MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA A

M202-A

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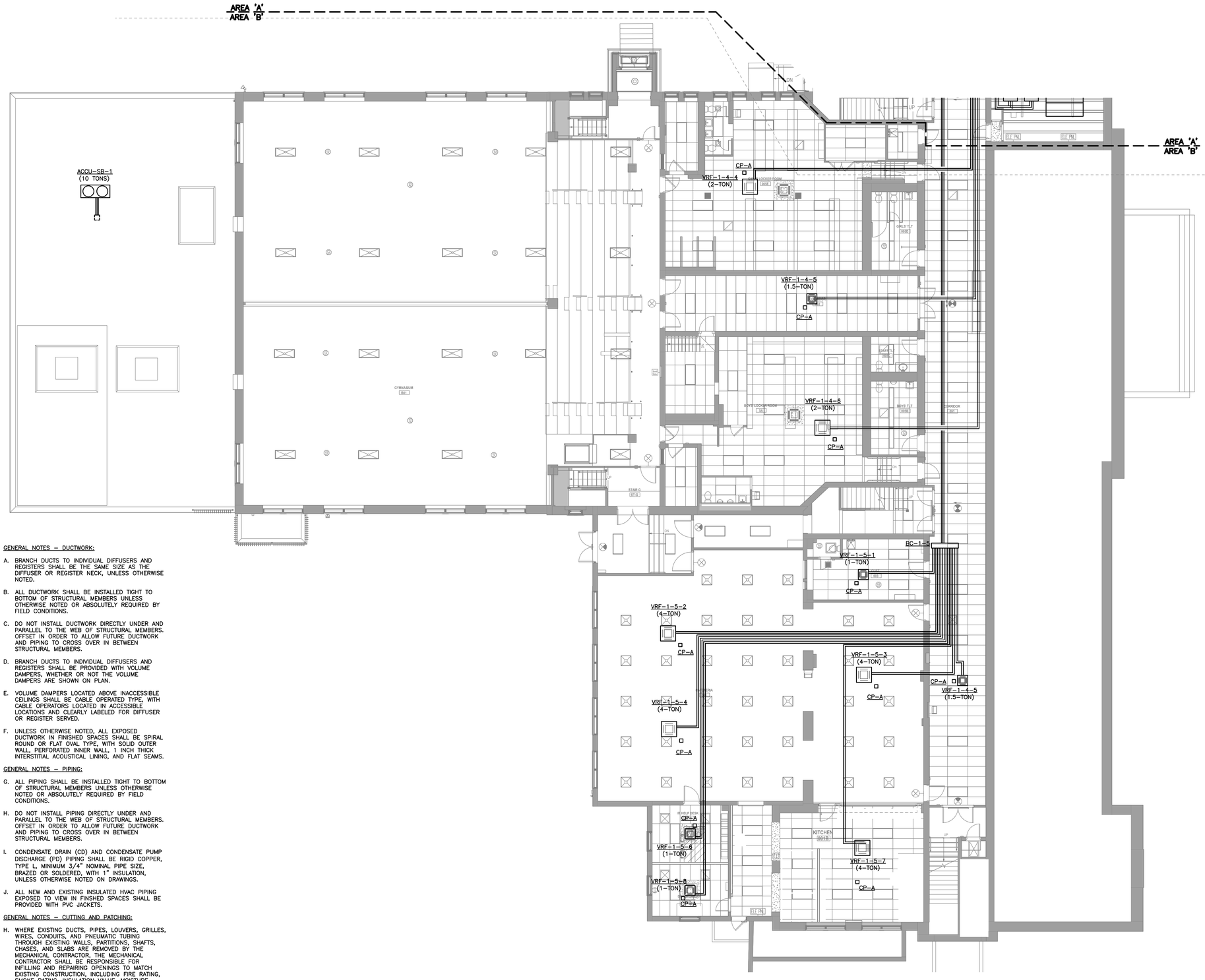

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MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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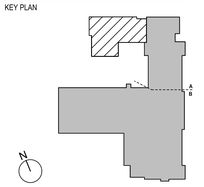
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA B

M202-B

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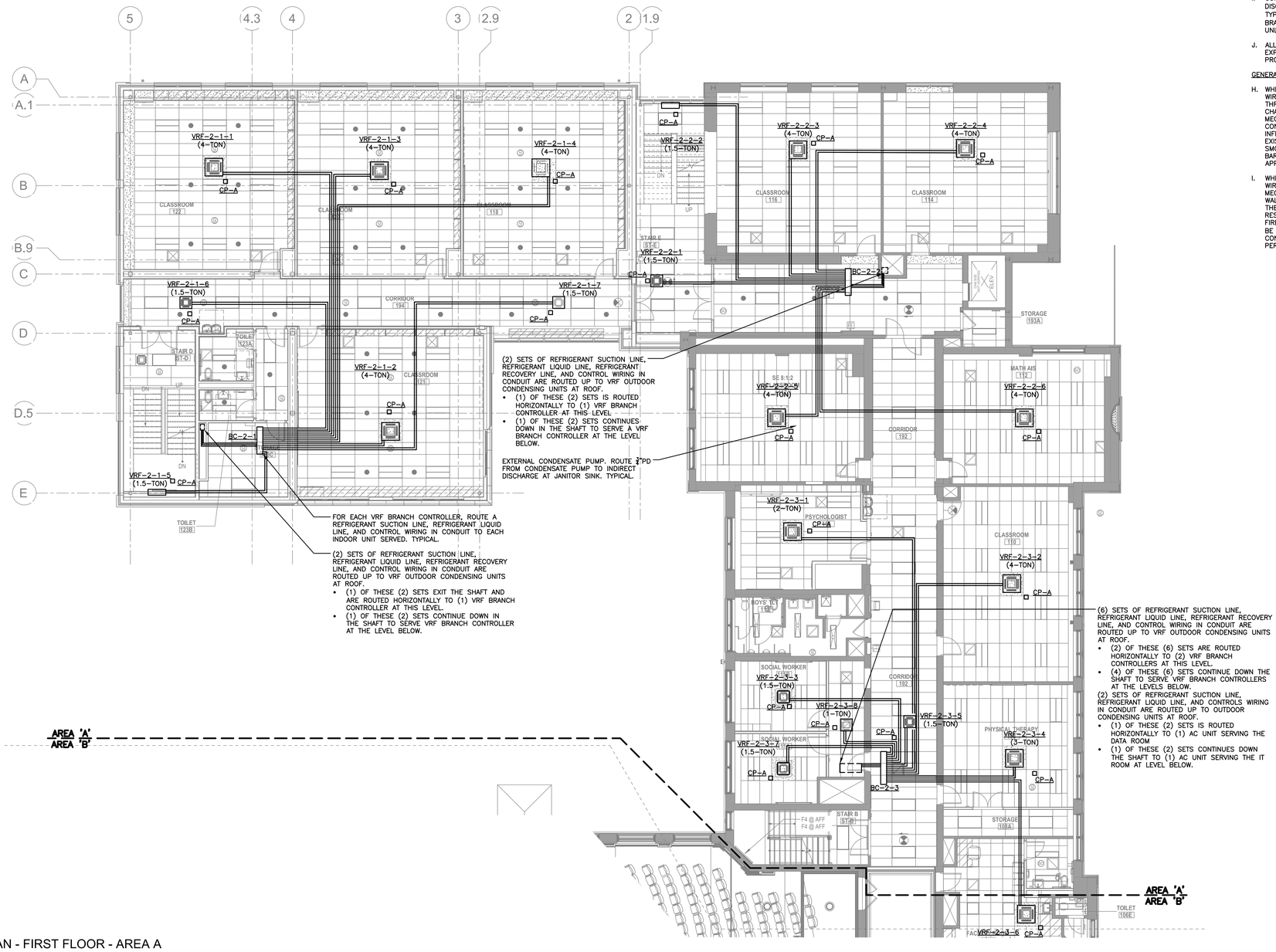

MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

GENERAL NOTES – DUCTWORK:

A. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.

B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

GENERAL NOTES – PIPING:

G. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

H. DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

I. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.

J. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINSHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.

GENERAL NOTES – CUTTING AND PATCHING:

H. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.

I. WHERE NEW DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. WHERE WALL PENETRATIONS WILL BE 8" OR GREATER IN WIDTH, THE MECHANICAL CONTRACTOR SHALL PROVIDE A NEW LINTEL AS PER DETAIL ON STRUCTURAL DRAWING S402.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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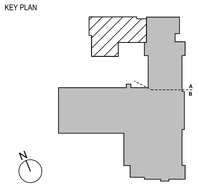
BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA A

M203-A

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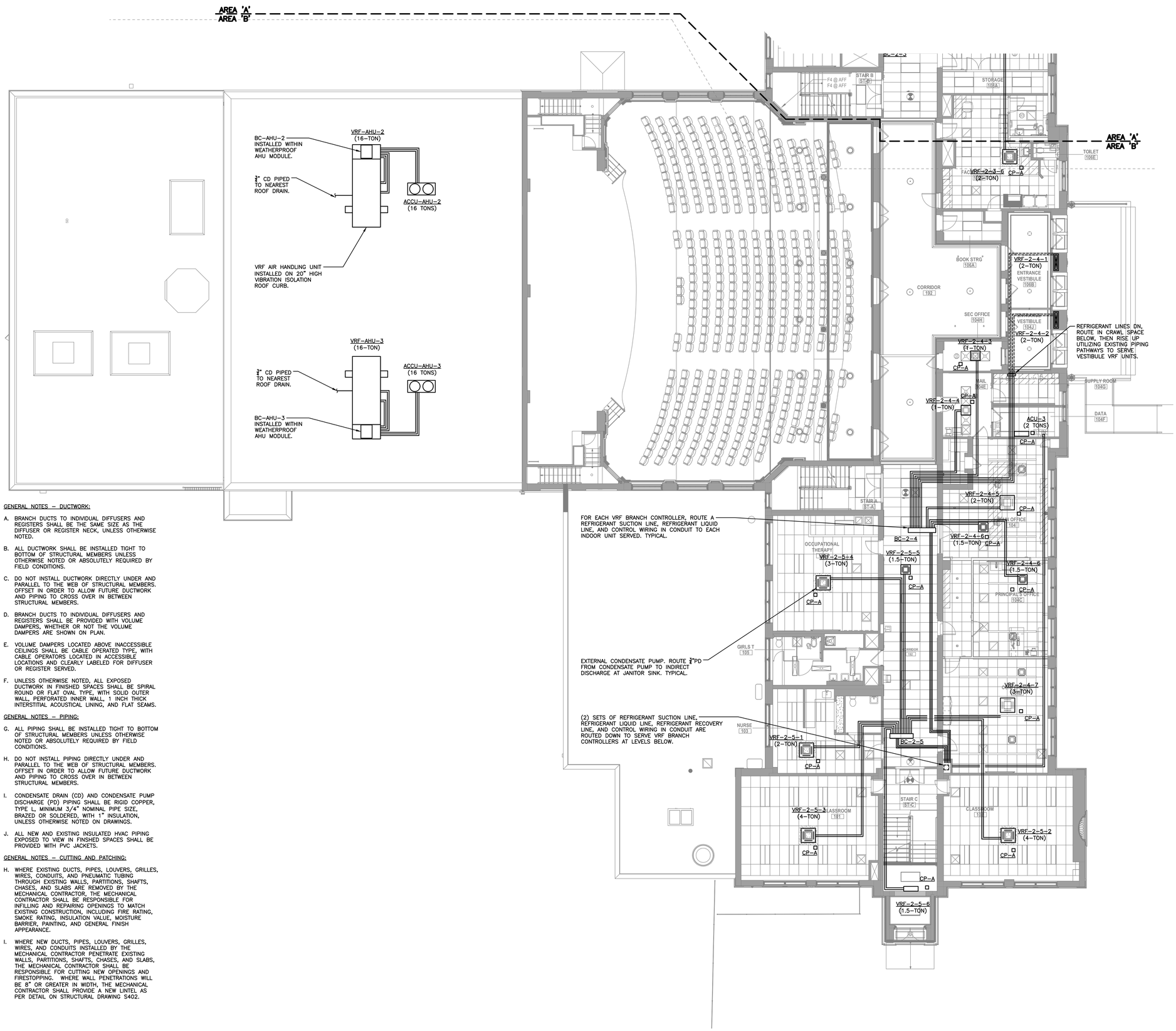

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MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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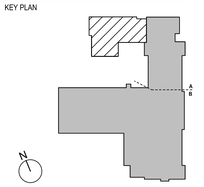
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL PIPING PART PLAN - FIRST FLOOR - AREA B

M203-B

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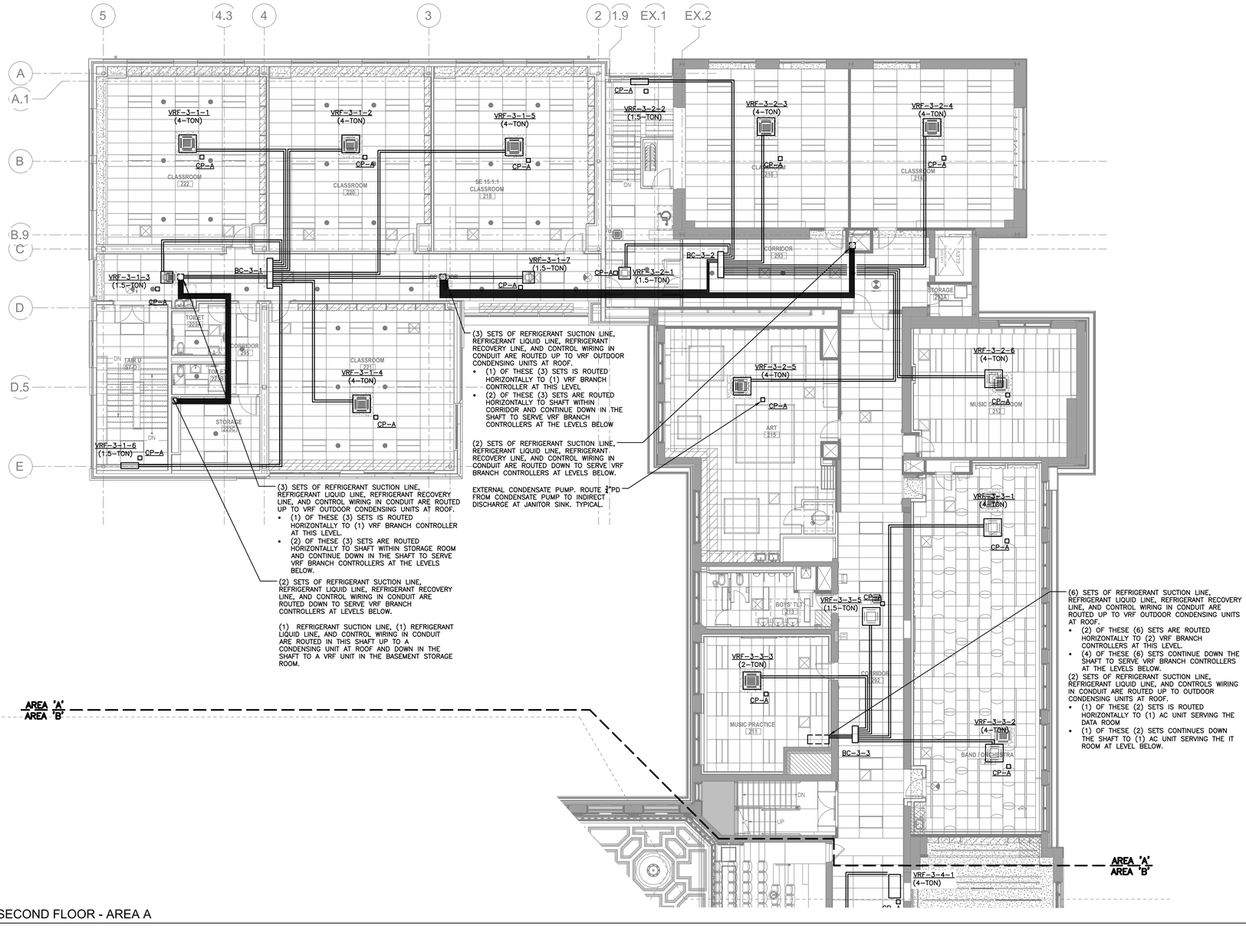

MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

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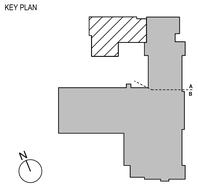

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MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA A

M204-A

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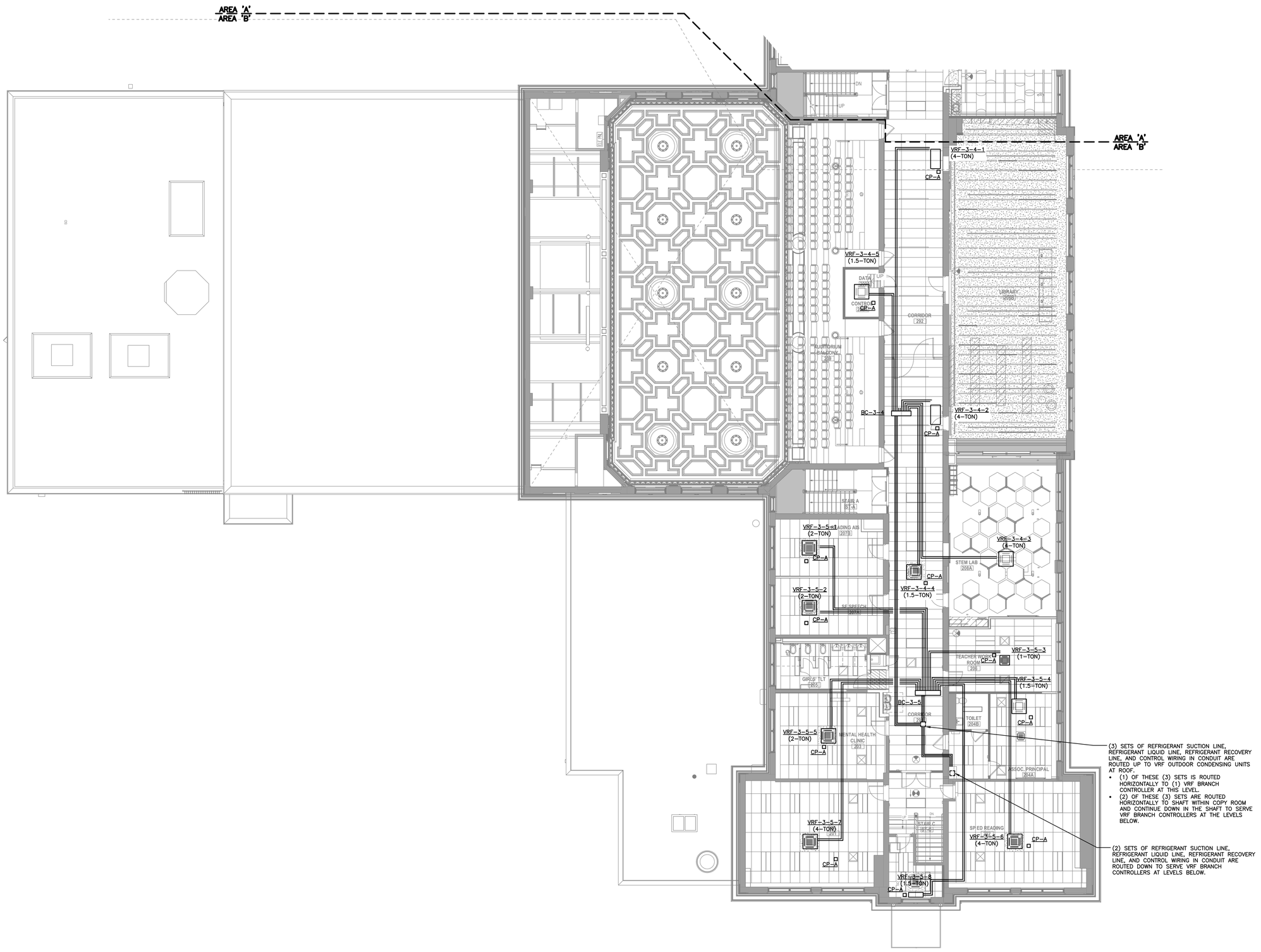

MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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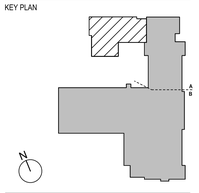

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MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA B

M204-B

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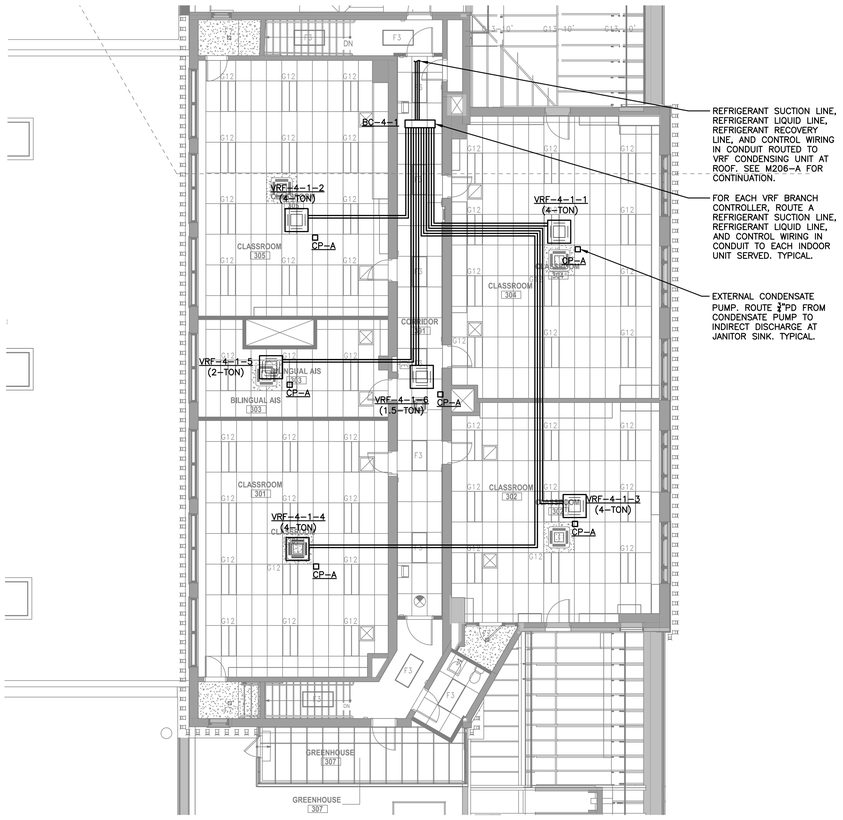

MECHANICAL PIPING PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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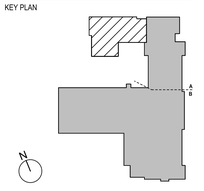

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MECHANICAL PIPING PLAN - THIRD FLOOR

M205

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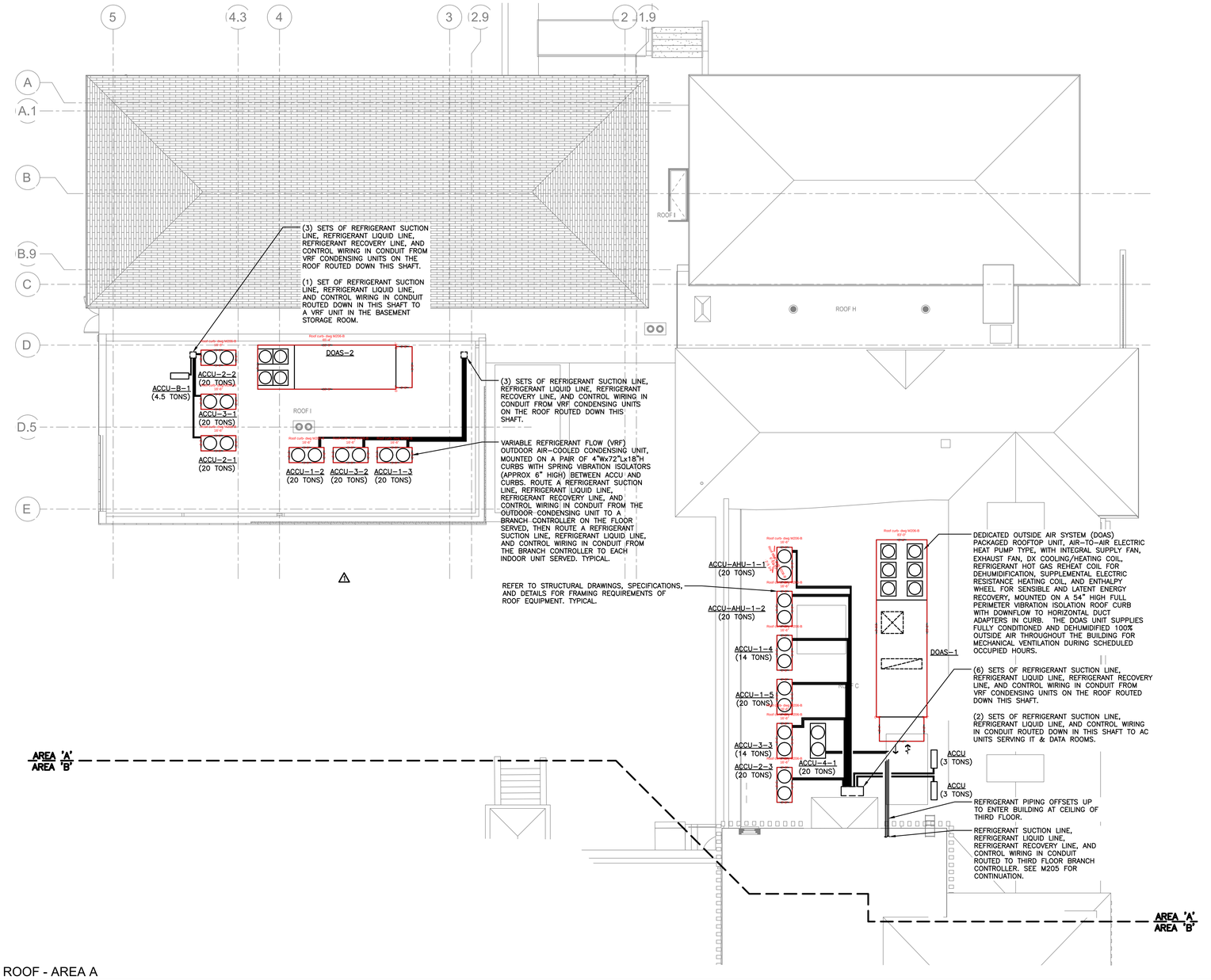

Legend

Description	Quantity	Unit
Roof curb- dwg M206-B	353.2443	ft

MECHANICAL PIPING PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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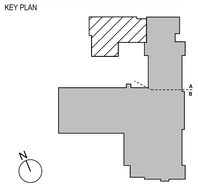

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MECHANICAL PIPING PART PLAN - ROOF - AREA A

M206-A

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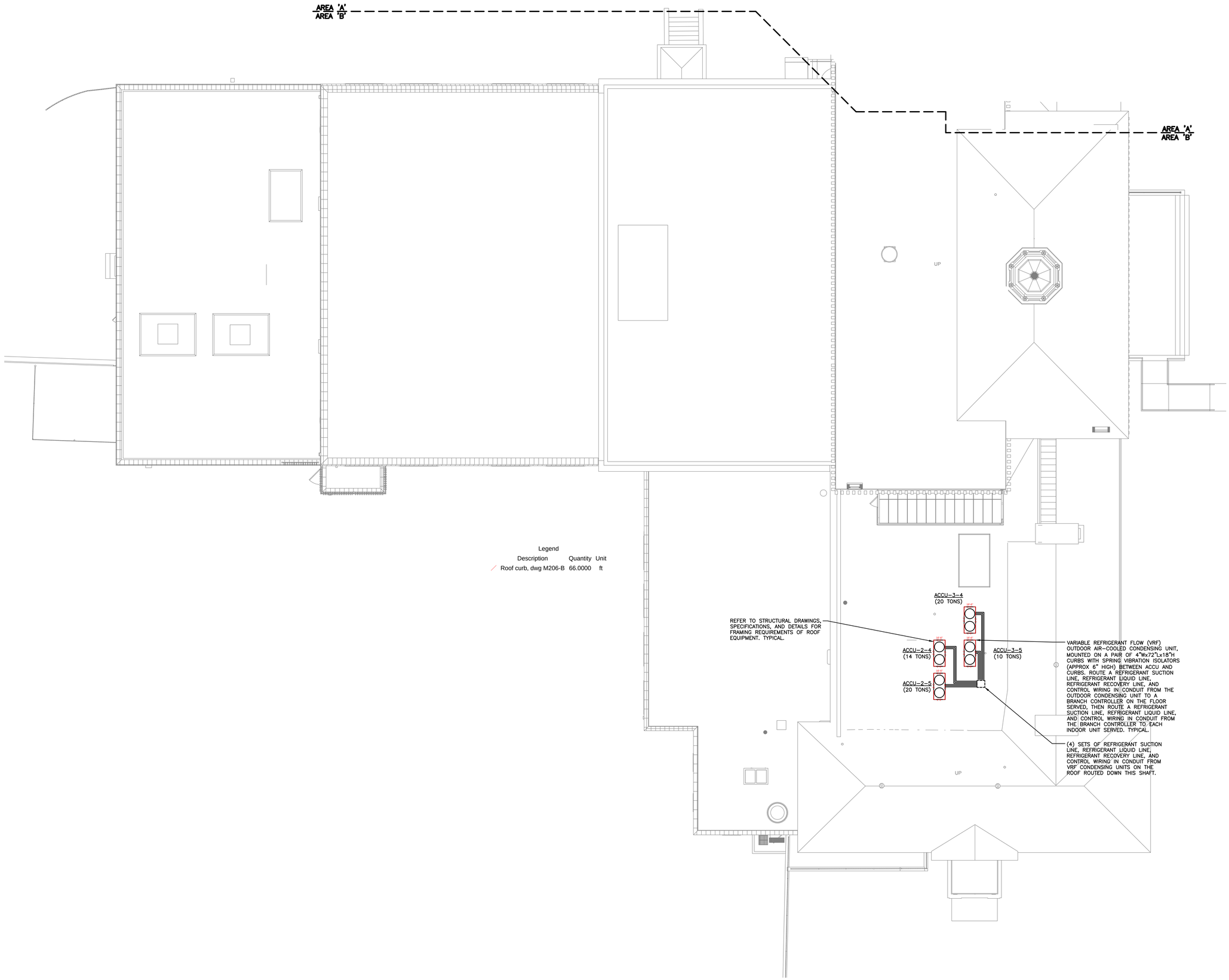

Legend

Description	Quantity	Unit
Roof curb, dwg M206-B	66.0000	ft

MECHANICAL PIPING PART PLAN - ROOF - AREA B

1/8" = 1'-0"

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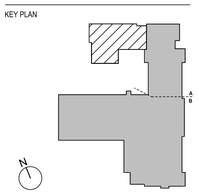

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MECHANICAL PIPING PART PLAN - ROOF - AREA B

M206-B

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DEDICATED OUTSIDE AIR SYSTEM (DOAS) PACKAGED ROOFTOP UNIT SCHEDULE

DESIGNATION	LOCATION	SERVICE	DUCT CONNECTIONS	REFRIGERATION DATA					DX COOLING COIL DATA								REFRIGERANT HOT GAS REHEAT COIL DATA				HEAT PUMP DX HEATING DATA				ELECTRIC REHEAT COIL DATA			
				NOMINAL COOLING CAPACITY (TONS)	COOLING DESIGN AMBIENT TEMP. (°F)	EER @ AHRI COND.	REFRIG. TYPE	NO. OF STAGES	GROSS TOTAL COOLING (MBH)	GROSS SENSIBLE COOLING (MBH)	NET TOTAL COOLING (MBH)	NET SENSIBLE COOLING (MBH)	E.A.T. (°F) DB	E.A.T. (°F) WB	COIL L.A.T. (°F) DB	COIL L.A.T. (°F) WB	UNIT L.A.T. (°F) DB	UNIT L.A.T. (°F) WB	CAPACITY (MBH)	NO. OF STAGES	E.A.T. (°F)	L.A.T. (°F)	HEATING CAPACITY (MBH)	OUTDOOR AMBIENT (°F)	E.A.T. (°F)	L.A.T. (°F)	HEATING CAPACITY (KW)	HEATING CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)
DOAS-1	ROOF	VENTILATION	VERTICAL DOWNFLOW	52	95	14.8	R-454B	MODUL.	617	427	587	397	83.5	68.7	54	54	55	54	262	MODUL.	55	72.5	333	0	36	59	60	205	59	71
DOAS-2	ROOF	VENTILATION	VERTICAL DOWNFLOW	30	95	14.8	R-454B	MODUL.	344	235	328	219	83.5	68.7	54	54	55	54	146	MODUL.	55	72.5	180	0	36	59	30	102	59	71

DEDICATED OUTSIDE AIR SYSTEM (DOAS) PACKAGED ROOFTOP UNIT SCHEDULE (CONTINUED)

DESIGNATION	SUPPLY FAN DATA										ENERGY RECOVERY - ENTHALPY WHEEL														EXHAUST FAN DATA				ELECTRICAL DATA																								FILTER TYPE		DIMENSIONS			OPERATING WEIGHT (LBS)			MANUFACTURER	MODEL	REMARKS
											SUMMER PERFORMACE								WINTER PERFORMACE												POWER FEED #1 - COMPRESSORS, CONDENSING FANS, ENTHALPY WHEEL												POWER FEED #2 - SUPPLY FANS, EXHAUST FANS, ELECTRIC HEATING COIL																		

VARIABLE REFRIGERANT FLOW (VRF) DX SPLIT HEAT PUMP INDOOR FAN COIL UNIT SCHEDULE

DESIGNATION	CONNECTED TO CONDENSING UNIT	CONNECTED TO BRANCH CONTROLLER	FLOOR	AREA SERVED	CONFIGURATION	REFRIG.	NOMINAL COOLING CAPACITY (TONS)	NOMINAL COOLING CAPACITY (MBH)	AIR CONDITIONING DATA AT DESIGN COND.				HEAT PUMP DATA AT DESIGN COND.		SUPPLY FAN DATA		ELECTRICAL DATA					FILTERS	DIMENSIONS	WEIGHT	MANUFACTURER	MODEL	REMARKS
									TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EAT DB (°F)	EAT WB (°F)	HEATING (MBH)	EAT DB (°F)	SUPPLY AIRFLOW (CFM)	ESP (IN WC)	VOLTS	PH	Hz	MCA	MOCP	DISC. BY E.C. OR MANUF.		WxHxD INCHES	(LBS)			
VRF-ACU-1	ACCU-ACU-1	N/A	GROUND	ELEVATOR MACHINE ROOM	WALL-MOUNTED CASSETTE	R-32	2	24	21.2	15.7	80.0	67.0	23.6	70	716	0	208	1	60	1.6	20	E.C.	WASHABLE	39.5 x 11.5 x 11	31	DAIKIN	FTX24AXVJU	SEE NOTES BELOW
VRF-ACU-2	ACCU-ACU-2	N/A	GROUND	DATA	WALL-MOUNTED CASSETTE	R-32	2	24	21.2	15.7	80.0	67.0	23.6	70	716	0	208	1	60	1.6	20	E.C.	WASHABLE	39.5 x 11.5 x 11	31	DAIKIN	FTX24AXVJU	SEE NOTES BELOW
VRF-ACU-3	ACCU-ACU-3	N/A	FIRST	DATA	WALL-MOUNTED CASSETTE	R-32	2	24	21.2	15.7	80.0	67.0	23.6	70	716	0	208	1	60	1.6	20	E.C.	WASHABLE	39.5 x 11.5 x 11	31	DAIKIN	FTX24AXVJU	SEE NOTES BELOW
VRF-SB-1-1	ACCU-SB-1	BC-SB-1	SUB-BASEMENT	BOILER ROOM SB01	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-SB-1-2	ACCU-SB-1	BC-SB-1	SUB-BASEMENT	OFFICE SB03	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-SB-1-3	ACCU-SB-1	BC-SB-1	SUB-BASEMENT	MAINTENANCE SB02	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-B-1-1	ACCU-B-1	BC-B-1	BASEMENT	STORAGE	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-B-1-2	ACCU-B-1	BC-B-1	BASEMENT	VESTIBULE	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-B-1-3	ACCU-B-1	BC-B-1	BASEMENT	STORAGE	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-2-1	ACCU-1-2	BC-1-2	GROUND	CLASSROOM 22	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-2-2	ACCU-1-2	BC-1-2	GROUND	CLASSROOM 21	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-2-3	ACCU-1-2	BC-1-2	GROUND	CLASSROOM 20	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-2-4	ACCU-1-2	BC-1-2	GROUND	CLASSROOM 18	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-2-5	ACCU-1-2	BC-1-2	GROUND	STAIR D	WALL-MOUNTED CASSETTE	R-32	1.5	18	15.5	11.3	75	63	20.1	70	511	0	208	1	60	0.6	15	E.C.	WASHABLE	31 x 11 x 9	31	DAIKIN	FXAQ18PVJU	SEE NOTES BELOW
VRF-1-2-6	ACCU-1-2	BC-1-2	GROUND	CORRIDOR C004	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-2-7	ACCU-1-2	BC-1-2	GROUND	CORRIDOR C004	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-3-1	ACCU-1-3	BC-1-3	GROUND	CORRIDOR G003	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-3-2	ACCU-1-3	BC-1-3	GROUND	STAIR E	WALL-MOUNTED CASSETTE	R-32	1.5	18	15.5	11.3	75	63	20.1	70	511	0	208	1	60	0.6	15	E.C.	WASHABLE	31 x 11 x 9	31	DAIKIN	FXAQ18PVJU	SEE NOTES BELOW
VRF-1-3-3	ACCU-1-3	BC-1-3	GROUND	CLASSROOM 14	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-3-4	ACCU-1-3	BC-1-3	GROUND	CLASSROOM 12	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-3-5	ACCU-1-3	BC-1-3	GROUND	CLASSROOM 11	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-3-6	ACCU-1-3	BC-1-3	GROUND	ENL 10	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-4-1	ACCU-1-4	BC-1-4	GROUND	READING AIS 9	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-4-2	ACCU-1-4	BC-1-4	GROUND	CORRIDOR C001	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-4-3	ACCU-1-4	BC-1-4	GROUND	OT 7	4-WAY CEILING CASSETTE	R-32	3.0	36	36.0	25.1	80.0	67.0	40.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA36AAVJU	SEE NOTES BELOW
VRF-1-4-4	ACCU-1-4	BC-1-4	GROUND	GIRLS LOCKER RM	4-WAY CEILING CASSETTE	R-32	2.0	24	24.0	16.5	80.0	67.0	27.0	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-1-4-5	ACCU-1-4	BC-1-4	GROUND	CORRIDOR G002	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-4-6	ACCU-1-4	BC-1-4	GROUND	BOYS LOCKER RM	4-WAY CEILING CASSETTE	R-32	2.0	24	24.0	16.5	80.0	67.0	27.0	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-1-4-7	ACCU-1-4	BC-1-4	GROUND	STORAGE 8	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-5-1	ACCU-1-5	BC-1-5	GROUND	CUST 3	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-5-2	ACCU-1-5	BC-1-5	GROUND	CAFETERIA	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-5-3	ACCU-1-5	BC-1-5	GROUND	CAFETERIA	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-5-4	ACCU-1-5	BC-1-5	GROUND	CAFETERIA	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-5-5	ACCU-1-5	BC-1-5	GROUND	CORRIDOR G001	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-1-5-6	ACCU-1-5	BC-1-5	GROUND	IT HELP DESK 1A	4-WAY CEILING CASSETTE	R-32	1.0	12	10.5	7.0	80.0	67.0	13.6	70	441	0	208	1	60	0.3	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA12AAVJU	SEE NOTES BELOW
VRF-1-5-7	ACCU-1-5	BC-1-5	GROUND	KITCHEN 1B	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-1-5-8	ACCU-1-5	BC-1-5	GROUND	DRY STORAGE 1C	4-WAY CEILING CASSETTE	R-32	1.0	12	10.5	7.0	80.0	67.0	13.6	70	441	0	208	1	60	0.3	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA12AAVJU	SEE NOTES BELOW
VRF-2-1-1	ACCU-2-1	BC-2-1	FIRST	CLASSROOM 122	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-1-2	ACCU-2-1	BC-2-1	FIRST	CLASSROOM 123	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-1-3	ACCU-2-1	BC-2-1	FIRST	CLASSROOM 120	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-1-4	ACCU-2-1	BC-2-1	FIRST	CLASSROOM 118	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-1-5	ACCU-2-1	BC-2-1	FIRST	STAIR D	WALL-MOUNTED CASSETTE	R-32	1.5	18	15.5	11.3	75	63	20.1	70	511	0	208	1	60	0.6	15	E.C.	WASHABLE	31 x 11 x 9	31	DAIKIN	FXAQ18PVJU	SEE NOTES BELOW
VRF-2-1-6	ACCU-2-1	BC-2-1	FIRST	CORRIDOR C102A	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-1-7	ACCU-2-1	BC-2-1	FIRST	CORRIDOR C102A	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-2-1	ACCU-2-2	BC-2-2	FIRST	CORRIDOR G102	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-2-2	ACCU-2-2	BC-2-2	FIRST	STAIR E	WALL-MOUNTED CASSATTE	R-32	1.5	18	15.5	11.3	75	63	20.1	70	511	0	208	1	60	0.6	15	E.C.	WASHABLE	31 x 11 x 9	31	DAIKIN	FXAQ18PVJU	SEE NOTES BELOW
VRF-2-2-3	ACCU-2-2	BC-2-2	FIRST	CLASSROOM 116	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-2-4	ACCU-2-2	BC-2-2	FIRST	CLASSROOM 114	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-2-5	ACCU-2-2	BC-2-2	FIRST	CLASSROOM 117	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-2-6	ACCU-2-2	BC-2-2	FIRST	MATH AIS 112	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-3-1	ACCU-2-3	BC-2-3	FIRST	READING AIS 115	4-WAY CEILING CASSETTE	R-32	2.0	24	48.0	34.0	80.0	67.0	54.0	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-2-3-2	ACCU-2-3	BC-2-3	FIRST	CLASSROOM 110	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-3-3	ACCU-2-3	BC-2-3	FIRST	SOCIAL WORKER 111B	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-3-4	ACCU-2-3	BC-2-3	FIRST	PHYSICAL THERAPY 108	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-3-5	ACCU-2-3	BC-2-3	FIRST	CORRIDOR C101	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-3-6	ACCU-2-3	BC-2-3	FIRST	FACULTY ROOM 106C	4-WAY CEILING CASSETTE	R-32	2.0	24	18.0	13.5	80.0	67.0	20.0	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-2-3-7	ACCU-2-3	BC-2-3	FIRST	SOCIAL WORKER 111A	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-3-8	ACCU-2-3	BC-2-3	FIRST	WAITING ROOM 111	4-WAY CEILING CASSETTE	R-32	1.0	12	12.0	9.4	80.0	67.0	13.6	70	441	0	208	1	60	0.3	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA12AAVJU	SEE NOTES BELOW
VRF-2-4-1	ACCU-2-4	BC-2-4	FIRST	ENTRANCE VESTIBULE 106B	CONCEALED FLOOR STANDING	R-32	2.0	24	20.6	13.9	75	63	27.0	70	560	0	208	1	60	0.6	15	E.C.	WASHABLE	53 x 24 x 9	68	DAIKIN	FXNQ24MVJU9	SEE NOTES BELOW
VRF-2-4-2	ACCU-2-4	BC-2-4	FIRST	ENTRANCE VESTIBULE 106K	CONCEALED FLOOR STANDING	R-32	2.0	24	20.6	13.9	75	63	27.0	70	560	0	208	1	60	0.6	15	E.C.	WASHABLE	53 x 24 x 9	68	DAIKIN	FXNQ24MVJU9	SEE NOTES BELOW
VRF-2-4-3	ACCU-2-4	BC-2-4	FIRST	SEC OFFICE 104J	4-WAY CEILING CASSETTE	R-32	1.0	12	12.0	9.4	80.0	67.0	13.6	70	441	0	208	1	60	0.3	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA12AAVJU	SEE NOTES BELOW
VRF-2-4-4	ACCU-2-4	BC-2-4	FIRST	MAIL 104H	4-WAY CEILING CASSETTE	R-32	1.0	12	12.0	9.4	80.0	67.0	13.6	70	441	0	208	1	60	0.3	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA12AAVJU	SEE NOTES BELOW
VRF-2-4-5	ACCU-2-4	BC-2-4	FIRST	MAIN OFFICE 104	4-WAY CEILING CASSETTE	R-32	2.0	24	12.0	9.4	80.0	67.0	13.6	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-2-4-6	ACCU-2-4	BC-2-4	FIRST	PRINCIPLES OFFICE 104I	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-4-7	ACCU-2-4	BC-2-4	FIRST	CONFERENCE 104C	4-WAY CEILING CASSETTE	R-32	3.0	36	36.0	25.1	80.0	67.0	40.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA36AAVJU	SEE NOTES BELOW
VRF-2-5-1	ACCU-2-5	BC-2-5	FIRST	NURSE 103	4-WAY CEILING CASSETTE	R-32	2.0	24	24.0	16.5	80.0	67.0	27.0	70	777	0	208	1	60	0.5	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	51.0	DAIKIN	FXFA24AAVJU	SEE NOTES BELOW
VRF-2-5-2	ACCU-2-5	BC-2-5	FIRST	CLASSROOM 102	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-5-3	ACCU-2-5	BC-2-5	FIRST	CLASSROOM 101	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-5-4	ACCU-2-5	BC-2-5	FIRST	OCCUPATIONAL THERAPY 107	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-2-5-5	ACCU-2-5	BC-2-5	FIRST	CORRIDOR C101	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-2-5-6	ACCU-2-5	BC-2-5	FIRST	STAIR C	4-WAY CEILING CASSETTE	R-32	1.5	18	18.0	13.5	80.0	67.0	20.0	70	547	0	208	1	60	0.4	15	E.C.	MERV-13	33.1 x 9.7 x 33.1	42.0	DAIKIN	FXFA18AAVJU	SEE NOTES BELOW
VRF-3-1-1	ACCU-3-1	BC-3-1	SECOND	CLASSROOM 222	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-3-1-2	ACCU-3-1	BC-3-1	SECOND	CLASSROOM 221	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-3-1-3	ACCU-3-1	BC-3-1	SECOND	CLASSROOM 220	4-WAY CEILING CASSETTE	R-32	4.0	48	48.0	34.0	80.0	67.0	54.0	70	1,253	0	208	1	60	1.6	15	E.C.	MERV-13	33.1 x 11.3 x 33.1	58.0	DAIKIN	FXFA48AAVJU	SEE NOTES BELOW
VRF-3-1-4	ACCU-3-1	B

VARIABLE REFRIGERANT FLOW (VRF) DX SPLIT HEAT PUMP OUTDOOR AIR-COOLED CONDENSING UNIT SCHEDULE

DESIGNATION	CONNECTED BRANCH CONTROLLERS	TYPE	CONFIGURATION	AIR CONDITIONING DATA					HEAT PUMP DATA				REFRIG TYPE	NO. OF REFRIG. CKTS.	CAPACITY CONTROL	NO. OF FANS	ELECTRICAL DATA							DIMENSIONS W x H x D (INCHES)	WEIGHT (LBS)	MANUFACTURER	MODEL	REMARKS
				NOMINAL COOLING CAPACITY (TONS)	EER AT AHRI COND.	IEER AT AHRI COND.	DESIGN AMBIENT TEMP. DB (°F)	COOLING CAPACITY AT DESIGN CONDITIONS (MBH)	COP AT AHRI COND.	DESIGN AMBIENT TEMP. DB (°F)	DESIGN AMBIENT TEMP. WB (°F)	HEATING CAPACITY AT DESIGN CONDITIONS (MBH)					ELEC. FEED #1										
																	VOLTS	PH	Hz	MCA	MOP	DISC. BY E.C. OR MANUF.	EMER. PWR. (Y/N)				
ACCU-ACU-1	N/A	AIR COOLED, WITH OUT HEAT RECOVERY	HORIZONTAL DISCHARGE	2	12.2	19	95	21.5	3.45	0	-1	23.6	R-32	1	MODULATING	1	208	1	60	16.5	20	E.C.	N	36.5 x 27.5 x 13.5	106	DAIKIN	RX24AXVJU	SEE NOTES BELOW
ACCU-ACU-2	N/A	AIR COOLED, WITH OUT HEAT RECOVERY	HORIZONTAL DISCHARGE	2	12.2	19	95	21.5	3.45	0	-1	23.6	R-32	1	MODULATING	1	208	1	60	16.5	20	E.C.	N	36.5 x 27.5 x 13.5	106	DAIKIN	RX24AXVJU	SEE NOTES BELOW
ACCU-ACU-3	N/A	AIR COOLED, WITH OUT HEAT RECOVERY	HORIZONTAL DISCHARGE	2	12.2	19	95	21.5	3.45	0	-1	23.6	R-32	1	MODULATING	1	208	1	60	16.5	20	E.C.	N	36.5 x 27.5 x 13.5	106	DAIKIN	RX24AXVJU	SEE NOTES BELOW
ACCU-AHU-1-1	BC-AHU-1-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-AHU-1-2	BC-AHU-1-2	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-AHU-2	BC-AHU-2	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	16	10.9	20.4	95	169	3.3	0	-1	133	R-32	1	MODULATING	4	208	3	60	59.8	60	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ192AATJB	SEE NOTES BELOW
ACCU-AHU-3	BC-AHU-3	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	16	10.9	20.4	95	169	3.3	0	-1	133	R-32	1	MODULATING	4	208	3	60	59.8	60	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ192AATJB	SEE NOTES BELOW
ACCU-SB-1	BC-SB-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	10	10.6	21.6	95	99	3.5	0	-1	78	R-32	1	MODULATING	4	208	3	60	36.5	40	E.C.	N	48.8 x 65.4 x 30.1	712	DAIKIN	REYQ120AATJB	SEE NOTES BELOW
ACCU-B-1	BC-B-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	6	15.0	26.5	95	51.9	4.2	0	-1	64.9	R-32	1	MODULATING	1	208	3	60	27.6	35	E.C.	N	37 x 67 x 30	435	DAIKIN	RXYQ72TTJU	SEE NOTES BELOW
ACCU-1-2	BC-1-2	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-1-3	BC-1-3	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-1-4	BC-1-4	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	14	10.7	20.4	95	137	3.3	0	-1	102	R-32	1	MODULATING	4	208	3	60	54.9	60	E.C.	N	48.8 x 65.4 x 30.1	787	DAIKIN	REYQ168AATJB	SEE NOTES BELOW
ACCU-1-5	BC-1-5	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-2-1	BC-2-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-2-2	BC-2-2	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-2-3	BC-2-3	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	16	10.9	20.4	95	169	3.3	0	-1	133	R-32	1	MODULATING	4	208	3	60	59.8	60	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ192AATJB	SEE NOTES BELOW
ACCU-2-4	BC-2-4	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	14	10.7	20.4	95	137	3.3	0	-1	102	R-32	1	MODULATING	4	208	3	60	54.9	60	E.C.	N	48.8 x 65.4 x 30.1	787	DAIKIN	REYQ168AATJB	SEE NOTES BELOW
ACCU-2-5	BC-2-5	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	18	10.3	19.2	95	168	3.3	0	-1	134	R-32	1	MODULATING	4	208	3	60	67.2	70	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ216AATJB	SEE NOTES BELOW
ACCU-3-1	BC-3-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-3-2	BC-3-2	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-3-3	BC-3-3	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	14	10.7	20.4	95	137	3.3	0	-1	102	R-32	1	MODULATING	4	208	3	60	54.9	60	E.C.	N	48.8 x 65.4 x 30.1	787	DAIKIN	REYQ168AATJB	SEE NOTES BELOW
ACCU-3-4	BC-3-4	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	14	10.7	20.4	95	137	3.3	0	-1	102	R-32	1	MODULATING	4	208	3	60	54.9	60	E.C.	N	48.8 x 65.4 x 30.1	787	DAIKIN	REYQ168AATJB	SEE NOTES BELOW
ACCU-3-5	BC-3-5	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW
ACCU-4-1	BC-4-1	AIR COOLED, WITH HEAT RECOVERY	VERTICAL DISCHARGE	20	9.9	18.9	95	197	3.2	0	-1	136	R-32	1	MODULATING	4	208	3	60	73.7	80	E.C.	N	68.9 x 65.4 x 30.1	957	DAIKIN	REYQ240AATJB	SEE NOTES BELOW

NOTES:
1. PROVIDE REFRIGERANT PIPE SIZES, QUANTITES, AND ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE FIELD-VERIFIED ROUTING INFORMATION TO VENDOR FOR PIPE SIZING CALCULATIONS. VENDOR TO CALCULATE FINAL PIPE SIZES AND ENSURE ROUTING IS WITHIN MANUAFACTURER'S LIMITATIONS FOR PIPING DISTANCE AND ELEVATION CHANGE.
2. WHERE ACCU'S ARE DESIGNATED AS "AIR COOLED, WITH HEAT RECOVERY" AND PROVIDED WITH BRANCH CONTROLLERS, ASSOCIATED INDOOR UNITS SHALL BE CAPABLE OF SIMULTANEOUS HEATING AND COOLING, I.E. SOME OPERATING IN HEATING MODE AND SOME OPERATING IN COOLING MODE.
3. WHERE ACCU'S ARE DESIGNATED AS "AIR COOLED, WITHOUT HEAT RECOVERY" AND NOT PROVIDED WITH BRANCH CONTROLLERS, ASSOCIATED INDOOR UNITS SHALL NOT BE CAPABLE OF SIMULTANEOUS HEATING AND COOLING, I.E. ALL OPERATING TOGETHER IN EITHER HEATING OR COOLING MODE.
4. PROVIDE THE FOLLOWING CONTROLS:
   4.1. THE FOLLOWING VRF SYSTEM CONTROL HARDWARE SHALL BE FURNISHED BY THE VRF EQUIPMENT MANUFACTURER AND INSTALLED BY THE AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR:
      4.1.1. ONE (1) CENTRAL CONTROLLER FOR THE BUILDING WITH INTEGRAL BACNET INTERFACE, TO BE INSTALLED IN THE ELECTRIC CLOSET. THIS PANEL HAS AN IP ADDRESS AND ETHERNET PLUG FOR LAN COMMUNICATIONS.
   4.2. THE AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR SHALL MOUNT AND WIRE ALL CONTROL COMPONENTS THAT ARE SHIPPED WITH THE UNIT THAT ARE NOT FACTORY INSTALLED. PROVIDE CONTROL WIRING AS FOLLOWS FOR THE VRF EQUIPMENT:
      4.2.1. HOME RUN FROM EACH CENTRAL CONTROLLER TO EACH AIR COOLED CONDENSING UNITS.
      4.2.2. HOME RUN FROM EACH AIR COOLED CONDENSING UNIT TO THE ASSOCIATED BRANCH CONTROLLER.
   4.3. THE AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR SHALL TIE THE CENTRAL CONTROLLER TO THE BASE-BUILDING BMS.
   4.4. THE AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR SHALL PROVIDE ALL NECESSARY BMS PROGRAMMING AND GRAPHICS, SO THAT ALL CONTROL AND MONITORING POINTS FROM THE VRF SYSTEM PROPRIETARY CONTROLS WHICH ARE NEEDED FOR THE SEQUENCE OF OPERATIONS ARE AVAILABLE TO THE BMS OPERATOR.
   4.5. THE AUTOMATIC TEMPERATURE CONTROLS SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY PROGRAMMING FOR THE VRF SYSTEM PROPRIETARY CONTROLS, INCLUDING SET POINTS AND OCCUPANCY SCHEDULES. HIRE THE MANUFACTURER'S REPRESENTATIVE FOR THE VRF EQUIPMENT IF NECESSARY TO ASSIST WITH THIS WORK.
5. THE BASIS-OF-DESIGN VRF EQUIPMENT (ACCU'S, BC'S, AND HP'S) FOR THIS PROJECT UTILIZES R-410A REFRIGERANT. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR EITHER PROVIDING VRF EQUIPMENT UTILIZING R-410A REFRIGERANT WITHIN THE TIMEFRAME IT IS AVAILABLE FROM THE VENDOR, OR PROVIDING EQUIVALENT VRF EQUIPMENT UTILIZING R-32 OR R-454B REFRIGERANT AT NO ADDITIONAL COST TO THE OWNER.

ELECTRIC CABINET UNIT HEATER SCHEDULE

DESIGNATION	MOUNTING TYPE (SURFACE/ RECESSED)	MOUNTING LOCATION (WALL/ CEILING)	LOCATION	HEATING CAPACITY (BTU/H)	AIRFLOW (CFM)	ELECTRICAL DATA						FINISH COLOR	T-STAT TYPE (REMOTE/ BUILT-IN)	DIMENSIONS						WEIGHT (LBS)	MANUF.	MODEL	REMARKS
						WATTS	VOLTS	PH	HZ	DISC. BY E.C. OR MANUF.	EMER. PWR. (Y/N)			BACK BOX			GRILLE						
														HEIGHT (IN)	WIDTH (IN)	DEPTH OR LENGTH (IN)	HEIGHT (IN)	WIDTH (IN)	DEPTH OR LENGTH (IN)				
CUH-A(S)	SURFACE	WALL	RE: PLAN	5,100	65	1,500	120	1	60	MANUF.	N	WHITE	BUILT-IN	11	9	4	12	11	1	12	Q-MARK	CWH1151DSAF	SEE NOTES BELOW
CUH-A(R)	RECESSED																						
CUH-B(S)	SURFACE	WALL	RE: PLAN	10,200	100	3,000	208	1	60	MANUF.	N	WHITE	BUILT-IN	18	14	4	19	16	1	25	Q-MARK	AWH4404F	SEE NOTES BELOW
CUH-B(R)	RECESSED																						
CUH-C(S)	SURFACE	WALL	RE: PLAN	16,400	100	4,800	208	1	60	MANUF.	N	WHITE	BUILT-IN	18	14	4	19	16	1	25	Q-MARK	AWH4404F	SEE NOTES BELOW
CUH-C(R)	RECESSED																						
CUH-D(S)	SURFACE	CEILING	RE: PLAN	5,100	150	1,500	120	1	60	MANUF.	N	WHITE	BUILT-IN	4	14	18	1	16	19	23	Q-MARK	EFF1500	SEE NOTES BELOW
CUH-D(R)	RECESSED																						
CUH-E(S)	SURFACE	CEILING	RE: PLAN	10,200	150	3,000	208	1	60	MANUF.	N	WHITE	BUILT-IN	4	14	18	1	16	19	23	Q-MARK	EFF4004	SEE NOTES BELOW
CUH-E(R)	RECESSED																						
CUH-F(S)	SURFACE	CEILING	RE: PLAN	17,100	150	5,000	208	1	60	MANUF.	N	WHITE	BUILT-IN	4	14	18	1	16	19	23	Q-MARK	EFF4804	SEE NOTES BELOW
CUH-F(R)	RECESSED																						

NOTES:
1. PROVIDE THE FOLLOWING MANUFACTURER FEATURES AND OPTIONS FOR ALL UNITS:
   1.1. HEAT PURGE FAN DELAY SWITCH.
   1.2. BUILT-IN POWER ON/OFF SWITCH.
   1.3. THERMAL CUTOFF.
2. ALL FINISH COLORS ARE SUBJECT TO APPROVAL BY THE ARCHITECT. SUBMIT COLOR CHART FOR REVIEW.
3. FOR ALL "WALL MOUNTED" UNITS, MOUNTING HEIGHT SHALL BE AS PER ARCHITECTURAL DRAWINGS. IF NO MOUNTING HEIGHT IS INDICATED ON ARCHITECTURAL DRAWINGS, MOUNT BOTTOM AT 12" AFF.
4. REFER TO PLANS FOR QUANTITIES AND LOCATIONS. SOME LETTER DESIGNATIONS IN THIS SCHEDULE MAY NOT BE APPLICABLE TO THIS SPECIFIC PROJECT.

MECHANICAL EQUIPMENT NOTES

FTR-A (ELECTRIC): PERIMETER FIN TUBE RADIATION WITH ENCLOSURE
- SHALL BE QMARK MODEL QX-254-F03-2-025-2D, 208V/30/60hz, 2.5KW.
- HEAT EXCHANGER SHALL BE GRADE A NICKEL-CHROMIUM HEATING COILS, INSULATED WITH CERAMICS AND MAGNESIUM OXIDE.
- HEAT EXCHANGER AND COMPONENTS TO BE ENCLOSED IN AN INDUSTRIAL GRADE, CORROSION-RESISTANT ALL WELDED CABINET FABRICATED WITH POLYESTER POWDER-COATED, 14 GAUGE STEEL, DIMENSIONS OF 26"L x 16"H x 8"D.
- FURNISH ALL REQUIRED SUPPORTS, BRACKETS, FASTENERS, ETC.
- FURNISH THERMOSTAT, CONTROLS, AND SAFETIES.

VARIABLE REFRIGERANT FLOW (VRF) BRANCH CONTROLLER SCHEDULE

DESIGNATION	ACCU SERVED	REFRIG. TYPE	ELECTRICAL DATA						DIMENSIONS W x H x D (INCHES)	WEIGHT (LBS)	MANUFACTURER	MODEL	NOTES
			VOLTS	PH	Hz	MCA	MOP	DISC. BY E.C. OR MANUF.					
BC-AHU-1-1	ACCU-AHU-1-1	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-AHU-1-2	ACCU-AHU-1-1	R-32	208	1	60	1.2	15	E.C.	19.3 x 9.5 x 27.7	72.8	DAIKIN	BSF4A54AAVJ	KHFP26A100CA (1)
BC-AHU-1-3	ACCU-AHU-1-2	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-AHU-1-4	ACCU-AHU-1-2	R-32	208	1	60	1.2	15	E.C.	19.3 x 9.5 x 27.7	72.8	DAIKIN	BSF4A54AAVJ	KHFP26A100CA (1)
BC-AHU-2	ACCU-AHU-2	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-AHU-3	ACCU-AHU-3	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-SB-1	ACCU-SB-1	R-32	208	1	60	1.2	15	E.C.	19.3 x 9.5 x 27.7	72.8	DAIKIN	BSF4A54AAVJ	KHFP26A100CA (1)
BC-1-2	ACCU-1-2	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BC-1-3	ACCU-1-3	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (2)
BC-1-4	ACCU-1-4	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-1-5	ACCU-1-5	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BC-2-1	ACCU-2-1	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BC-2-2	ACCU-2-2	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (2)
BC-2-3	ACCU-2-3	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-2-4	ACCU-2-4	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BS-2-4-2	ACCU-2-4	R-32	208	1	60	0.9	15	E.C.	15.2 x 8.1 x 16.7	28.7	DAIKIN	BSA60AAVJ	KHFP26A100CA (1)
BC-2-5	ACCU-2-5	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-3-1	ACCU-3-1	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BC-3-2	ACCU-3-2	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-3-3	ACCU-3-3	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	99.2	DAIKIN	BSF6A54AAVJ	KHFP26A100CA (1)
BC-3-4	ACCU-3-4	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (1)
BC-3-5	ACCU-3-5	R-32	208	1	60	1.2	15	E.C.	19.3 x 9.5 x 27.7	72.8	DAIKIN	BSF4A54AAVJ	KHFP26A100CA (1)
BC-4-1	ACCU-4-1	R-32	208	1	60	1.9	15	E.C.	33.4 x 9.5 x 27.7	110.2	DAIKIN	BSF8A54AAVJ	KHFP26A100CA (2)

NOTES:
1. PROVIDE REFRIGERANT PIPE SIZES, QUANTITES, AND ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE FIELD-VERIFIED ROUTING INFORMATION TO VENDOR FOR PIPE SIZING CALCULATIONS. VENDOR TO CALCULATE FINAL PIPE SIZES AND ENSURE ROUTING IS WITHIN MANUAFACTURER'S LIMITATIONS FOR PIPING DISTANCE AND ELEVATION CHANGE.
2. PROVIDE BALL VALVE AT EACH PORT CONNECTION.

ELECTRIC UNIT HEATER SCHEDULE

DESIGNATION	LOCATION	TYPE	CAPACITY		AIR DATA		ELECTRICAL DATA				DIMENSIONS			WEIGHT (LBS)	MANUFACTURER	MODEL	REMARKS
			(MBH)	(KW)	AIRFLOW (CFM)	ΔT (F°)	VOLTS	PH	Hz	AMPS	WIDTH (IN)	DEPTH (IN)	HEIGHT (IN)				
UH-A	RE: PLAN	WALL MOUNTED, HORIZONTAL DISCHARGE	10.2	3.0	350	27	208	1	60	14.5	17	15	16	27	QMARK	MUH03-81	SEE NOTES BELOW
UH-B	RE: PLAN	WALL MOUNTED, HORIZONTAL DISCHARGE	17.0	5.0	350	45	208	1	60	17	17	15	16	27	QMARK	MUH05-81	SEE NOTES BELOW

NOTES:
1. PROVIDE THE FOLLOWING MANUFACTURER FEATURES AND OPTIONS FOR EACH UNIT:
   1.1. HEAT PURGE FAN DELAY SWITCH.
   1.2. MOUNTING BRACKET AND HARDWARE FOR RECESSED WALL MOUNTED CONFIGURATION.
   1.3. ARCHITECT APPROVED FINISH COLOR.
   1.4. BUILT-IN POWER ON/OFF SWITCH & THERMAL CUTOFF
2. EACH UNIT SHALL BE PROVIDED WITH TERMINAL STRIP CONTACTS SUITABLE FOR START/STOP COMMAND VIA THE BMS. AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR TO PROVIDE BMS TIE-IN TO HEATER AND WALL-MOUNTED SPACE TEMPERATURE SENSOR.

COLD CONDENSATE PUMP SCHEDULE

DESIGNATION	LOCATION	DESIGN FLOWRATE (GPH)	HEAD AT DESIGN FLOWRATE (FT WC)	SHUT-OFF HEAD (FT WC)	RESERVOIR CAPACITY (GAL)	WEIGHT (LBS)	MAX. FLUID TEMP. (°F)	ELECTRICAL DATA						MANUFACTURER	MODEL	WEIGHT (LBS)	REMARKS
								MOTOR HP	AMPS	VOLTS	PH	Hz	DISC. BY E.C. OR MANUF.	EMERGENCY POWER (Y/N)				
CP-A	RE: PLAN	10	18	20	1.0	14	140	1/30	1.5	120	1	60	E.C.	N	LITTLE GIANT	VCCA-20-P	4.5	SEE NOTES BELOW

NOTES:
1. PROVIDE THE FOLLOWING MANUFACTURER FEATURES AND OPTIONS FOR EACH UNIT:
   1.1. UL 2043 PLENUM RATED, NON-COMBUSTIBLE CONSTRUCTION, AND STAINLESS STEEL SHAFT.
   1.2. AUXILIARY SWITCH, THERMAL OVERLOAD PROTECTOR AND HARD-WIRED CONNECTION (NO CORD OR PLUG).
2. PROVIDE THE FOLLOWING FIELD ACCESSORIES FOR EACH UNIT:
   2.1. CHECK VALVE.
   2.2. BALL VALVE.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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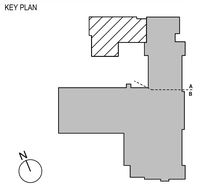
ISSUED FOR BID 03/27/2026
ISSUE DATE

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX
MEMASI PROJECT NO. 101-2403

MECHANICAL SCHEDULES

M603

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MECHANICAL NOTES

LOCKER ROOMS ARE PROVIDED WITH CODE REQUIRED EXHAUST, RE: PLANS. MAKE–UP AIR FOR THE LOCKER ROOMS IS PROVIDED VIA A LOUVERED DOOR WITH NET 2SF FREE AREA.

MAKE–UP AIR FOR KITCHEN HOOD IS PROVIDED VIA TRANSFER AIR FROM CAFETERIA VENTILATION SUPPLY AIR.

VENTILATION SCHEDULE

AIR HANDLING SYSTEM DATA				ROOM DATA							OUTSIDE VENTILATION AIRFLOW REQUIRED PER THE 2020 NEW YORK STATE MECHANICAL CODE - SECTION 403				
AIR HANDLING SYSTEM DESIGNATION	DESIGN SUPPLY AIRFLOW (CFM)	DESIGN OUTSIDE VENTILATION AIRFLOW (CFM)	FLOOR AREA SERVED (SQ.FT.)	LEVEL	ROOM NUMBER	ROOM NAME	FLOOR AREA (SQ.FT.)	NUMBER OF OCC.	DESIGN SUPPLY AIRFLOW (CFM)	DESIGN MINIMUM OUTSIDE VENTILATION AIRFLOW (CFM)	OUTSIDE VENTILATION AIRFLOW PER PERSON (CFM / PERSON)	OUTSIDE VENTILATION AIRFLOW PER SQUARE FOOT (CFM / SF)	ZONE AIR DISTRIBUTION EFFECTIVENESS	ROOM OUTSIDE VENTILATION AIRFLOW (CFM)	ROOM DESIGN OUTSIDE VENTILATION AIRFLOW MEETS OR EXCEEDS CODE REQUIREMENT (YES / NO)
VRF-SB-1-3	1253	90	890	SB	SB02	MAINTENANCE	890	0	1253	70	20	0.06	0.8	67	YES
VRF-SB-1-2	547	20	202	SB	SB03	STORAGE	202	0	547	20	20	0.06	0.8	15	YES
VRF-B-1-1	547	60	790	B	B07	STORAGE	1580	0	1,094	120	20	0.06	0.8	119	YES
VRF-B-1-3	547	60	790												
VRF-AHU-1-1	10000	927.5	4788	B	B01	GYMNASIUM	4788	31	10,000	1,855	20	0.18	0.8	1852	YES
VRF-AHU-1-2		927.5													
VRF-AHU-1-1		852.5	1425			GYM SPECTATOR SPACE	1425	170		1,705	7.5	0.06	0.8	1701	YES
VRF-AHU-1-2		852.5													
DOAS-1	13,275	13,275	39,017	GF	1	CAFETERIA	2,836	280	2,615	2,615	7.5	0.18	1.0	2,610	YES
				GF	1A	IT HELP DESK	200	2	25	25	5	0.06	1.0	22	YES
				GF	1C	DRY STORAGE	200	3	30	30	5	0.06	1.0	27	YES
				GF	1B	KITCHEN	820	10	175	175	7.5	0.12	1.0	173	YES
				GF	3	CUST.	250	1	20	20	5	0.06	1.0	20	YES
				GF	7	STAFF DEVELOPMENT	392	15	100	100	5	0.06	1.0	99	YES
				GF	8	STORAGE	392	0	25	25	0	0.06	1.0	24	YES
				GF	9	READING AIS	689	31	395	395	10	0.12	1.0	393	YES
				GF	10A	ENL	513	30	365	365	10	0.12	1.0	362	YES
				GF	11	SE 12:1:1 CLASSROOM	647	31	390	390	10	0.12	1.0	388	YES
				GF	G001	CORRIDOR	2,550	0	155	155	0	0.06	1.0	153	YES
				GF	G002	CORRIDOR	549	0	35	35	0	0.06	1.0	33	YES
				GF	G003	CORRIDOR	627	0	40	40	0	0.06	1.0	38	YES
				GF	G004	CORRIDOR	678	0	45	45	0	0.06	1.0	41	YES
				1	101	CLASSROOM	604	31	385	385	10	0.12	1.0	382	YES
				1	102	CLASSROOM	592	31	385	385	10	0.12	1.0	381	YES
				1	103	NURSE OFFICE	297	3	70	70	10	0.12	1.0	66	YES
				1	104I	PRINCIPLE OFFICE	311	3	35	35	5	0.06	1.0	34	YES
				1	104C	CONFERENCE	519	18	125	125	5	0.06	1.0	121	YES
				1	104	MAIN OFFICE	470	2	40	40	5	0.06	1.0	38	YES
				1	104H	MAIL	135	1	20	20	7.5	0.06	1.0	16	YES
				1	104J	SEC OFFICE	74	2	15	15	5	0.06	1.0	14	YES
				1	106C	FACULTY ROOM	407	5	50	50	5	0.06	1.0	49	YES
				1	107	OCCUPATIONAL THERAPY	526	7	135	135	10	0.12	1.0	133	YES
				1	108	PHYSICAL THERAPY	454	7	125	125	10	0.12	1.0	124	YES
				1	110	CLASSROOM	713	31	400	400	10	0.12	1.0	396	YES
				0	111	WAITING ROOM	120	2	20	20	5	0.06	1.0	17	YES
				1	111A	SOCIAL WORKER	181	2	25	25	5	0.06	1.0	21	YES
				2	111A	SOCIAL WORKER	175	2	25	25	5	0.06	1.0	21	YES
				1	112	MATH AIS	591	30	375	375	10	0.12	1.0	371	YES
				1	115	PSYCHOLOGIST	349	12	165	165	10	0.12	1.0	162	YES
				1	117	SE 6:1:2 CLASSROOM	599	31	385	385	10	0.12	1.0	382	YES
				1	C101	CORRIDOR	2,580	0	155	155	0	0.06	1.0	155	YES
					C102	CORRIDOR	627	0	40	40	0	0.06	1.0	38	YES
				1	C103	CORRIDOR	718	0	45	45	0	0.06	1.0	43	YES
					200	SE SPEECH	101	1	15	15	5	0.06	1.0	11	YES
				2	201	ENL	579	31	380	380	10	0.12	1.0	379	YES
				2	202	SP ED READING	590	31	385	385	10	0.12	1.0	381	YES
				2	203	MENTAL HEALTH CLINIC	408	5	75	75	10	0.06	1.0	74	YES
				2	204	WAITING ROOM	80	1	10	10	5	0.06	1.0	10	YES
				2	206B	TEACHER WORK ROOM	331	3	35	35	5	0.06	1.0	35	YES
				2	206A	ASSOC. PRINCIPLE	239	7	50	50	5	0.06	1.0	49	YES
				2	207A	SE SPEECH	260	13	165	165	10	0.12	1.0	161	YES
				3	207B	READING AIS	250	13	160	160	10	0.12	1.0	160	YES
				2	208A	LIBRARY	1,654	32	360	360	5	0.12	1.0	358	YES
				3	208B	STEAM LAB	695	32	405	405	10	0.12	1.0	403	YES
				2	210	BANDIORCHESTRA	1,383	65	735	735	10	0.06	1.0	733	YES
				2	211B	MUSIC PRACTICE	490	17	200	200	10	0.06	1.0	199	YES
				2	212	GENERAL MUSIC CLASSROOM	594	31	385	385	10	0.12	1.0	381	YES
				2	215	ART	990	25	430	430	10	0.18	1.0	428	YES
				2	C201	CORRIDOR	990	0	60	60	0	0.06	1.0	59	YES
				2	C202	CORRIDOR	1,560	0	95	95	0	0.06	1.0	94	YES
				2	C203	CORRIDOR	621	0	40	40	0	0.06	1.0	37	YES
				2	C204	CORRIDOR	727	0	45	45	0	0.06	1.0	44	YES
				3	301	CLASSROOM	820	31	410	410	10	0.12	1.0	408	YES
				3	303	BILINGUAL AIS	277	9	125	125	10	0.12	1.0	123	YES
				3	302	CLASSROOM	758	31	405	405	10	0.12	1.0	401	YES
				3	305	CLASSROOM	820	31	410	410	10	0.12	1.0	408	YES
				3	304	CLASSROOM	984	31	430	430	10	0.12	1.0	428	YES
				3		CORRIDOR	431	0	30	30	0	0.06	1.0	26	YES
DOAS-2	7,345	7,345	14,494	GF	22	CLASSROOM	873	31	415	415	10	0.12	1.0	415	YES
				GF	21	CLASSROOM	900	31	420	420	10	0.12	1.0	418	YES
				GF	20	CLASSROOM	825	31	410	410	10	0.12	1.0	409	YES
				GF	18	SE 15:1:1 CLASSROOM	820	31	410	410	10	0.12	1.0	408	YES
				GF	12	CLASSROOM	744	31	400	400	10	0.12	1.0	399	YES
				GF	14	CLASSROOM	745	31	400	400	10	0.12	1.0	399	YES
				1	118	SE 15:1:1 CLASSROOM	822	31	410	410	10	0.12	1.0	409	YES
				1	120	CLASSROOM	832	31	410	410	10	0.12	1.0	410	YES
				1	121	CLASSROOM	892	31	420	420	10	0.12	1.0	417	YES
				1	122	CLASSROOM	900	31	420	420	10	0.12	1.0	418	YES
				1	114	CLASSROOM	746	31	400	400	10	0.12	1.0	400	YES
				1	116	CLASSROOM	749	31	400	400	10	0.12	1.0	400	YES
				2	218	SE 15:1:1 CLASSROOM	761	31	405	405	10	0.12	1.0	401	YES
				2	220	CLASSROOM	761	31	405	405	10	0.12	1.0	401	YES
				2	222	CLASSROOM	761	31	405	405	10	0.12	1.0	401	YES
				2	221	CLASSROOM	870	31	415	415	10	0.12	1.0	414	YES
				2	216	CLASSROOM	746	31	400	400	10	0.12	1.0	400	YES
				2	214	CLASSROOM	747	31	400	400	10	0.12	1.0	400	YES
AHU-1	10,000	4,445	6,600	1	109	AUDITORIUM	3,955	481	10,000	2,645	5	0.06	1.0	2,642	YES
				1	109A	STAGE	1,330	93		1,010	10	0.06	1.0	1,010	
				2	209	AUDITORIUM BALCONY	1,315	142		790	5	0.06	1.0	789	

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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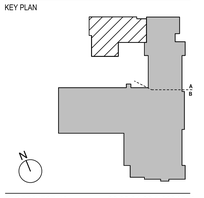
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL SCHEDULES

M604

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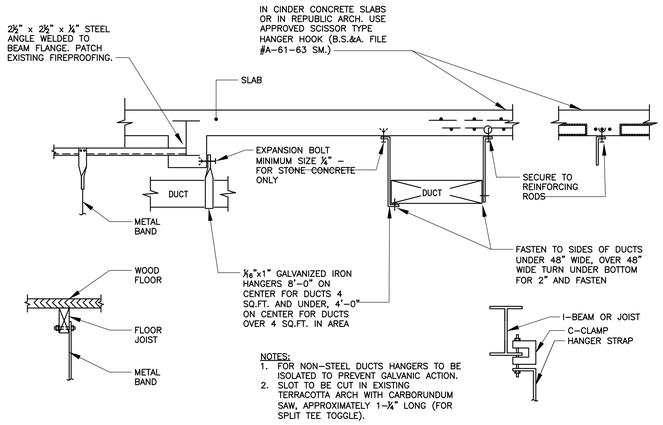
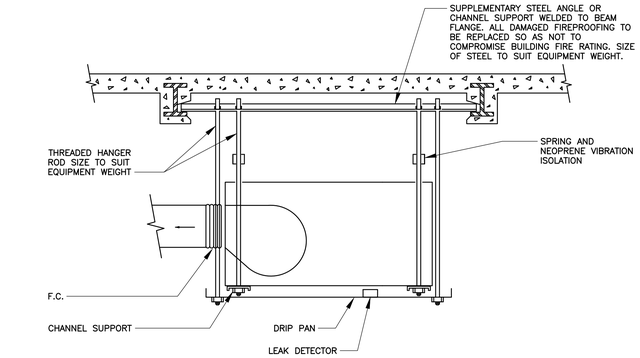


NOTES:
1. FOR NON–STEEL DUCTS HANGERS TO BE ISOLATED TO PREVENT GALVANIC ACTION.
2. SLOT TO BE CUT IN EXISTING TERRACOTTA ARCH WITH CARBORUNDUM SAW, APPROXIMATELY 1–¼" LONG (FOR SPLIT TEE TOGGLE).

TYPICAL DUCT HANGING DETAIL

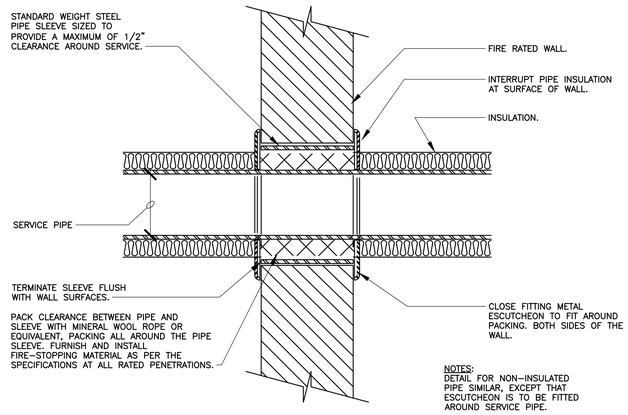
N.T.S.



NOTES:
1. INCLUDE DRIP PAN AND LEAK DETECTOR FOR ALL CONCEALED HVAC UNITS WITH COOLING COILS.

HVAC EQUIPMENT HANGING DETAIL

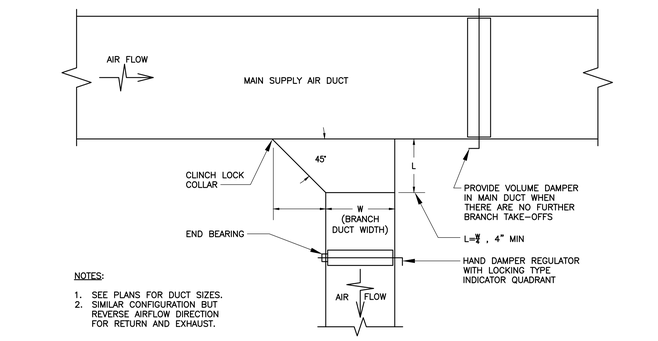
N.T.S.



NOTES:
DETAIL FOR NON–INSULATED PIPE SIMILAR, EXCEPT THAT ESCUTCHEON IS TO BE FITTED AROUND SERVICE PIPE.

DETAIL OF PIPE THROUGH RATED PARTITION OR FLOOR

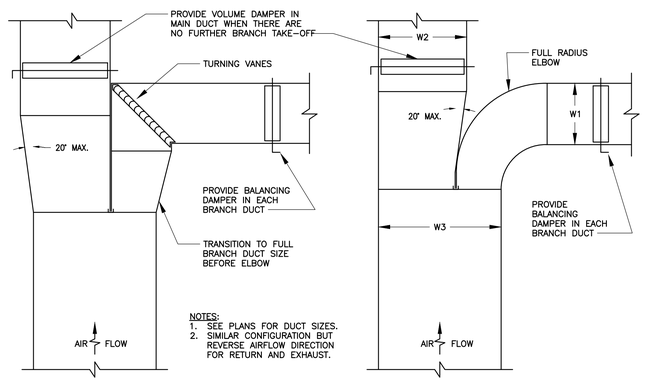
N.T.S.



NOTES:
1. SEE PLANS FOR DUCT SIZES.
2. SIMILAR CONFIGURATION BUT REVERSE AIRFLOW DIRECTION FOR RETURN AND EXHAUST.

TYPICAL DETAIL OF RECTANGULAR SUPPLY AIR DUCT TAP

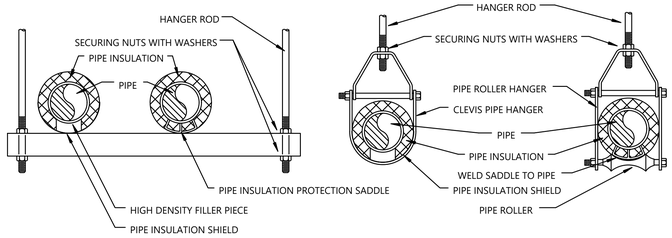
N.T.S.



NOTES:
1. SEE PLANS FOR DUCT SIZES.
2. SIMILAR CONFIGURATION BUT REVERSE AIRFLOW DIRECTION FOR RETURN AND EXHAUST.

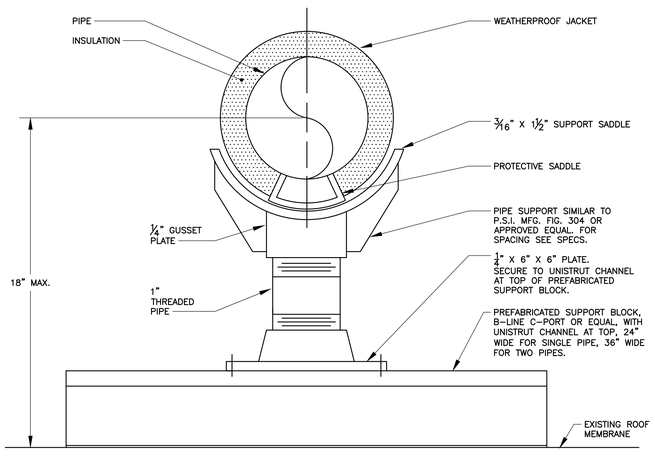
DETAIL OF LOW PRESSURE SUPPLY AIR DUCT NECK CONNECTIONS

N.T.S.



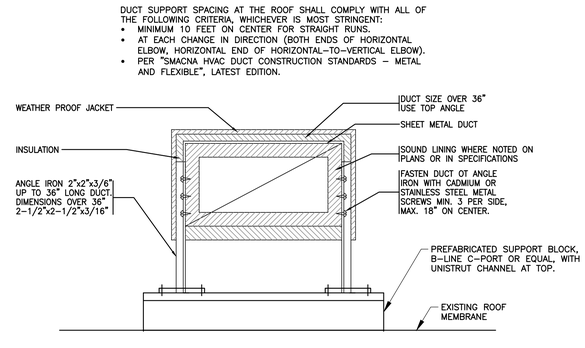
PIPE HANGING DETAIL

N.T.S.



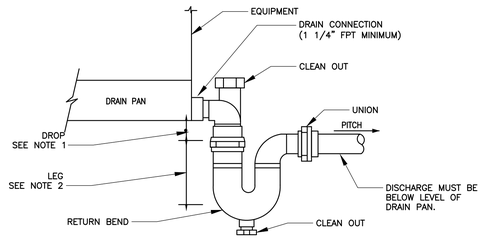
PIPING SUPPORT AT ROOF DETAIL

N.T.S.



DUCTWORK SUPPORT AT ROOF DETAIL

N.T.S.



NOTES:
1. 1" MIN. DROP REQUIRED USE OF STANDARD FITTINGS SHOWN EXCEEDS THIS MINIMUM.
2. X/2+1"=LEG FOR DRAW THRU UNIT WHERE X= NEGATIVE STATIC PRESSURE AT FAN INLET (MIN. 5")
3. ADD STRUCTURAL STEEL TO RAISE THE BOTTOM OF THE UNIT TO ACCOMMODATE TRAP HEIGHT.
4. PITCH DRAIN FOR PROPER RUN–OFF AND DISCHARGE TO APPROVED RECEPTACLE.
5. SUPPORT DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.
6. MANUALLY PRIME FILL TRAP BEFORE START–UP TO FORM INITIAL DRAIN SEAL.

PIPE SIZE	MAX. COOLING LOAD
¾"	<=20 TONS
1"	20 TONS TO 40 TONS
1 ¼"	40 TONS TO 90 TONS
1 ½"	90 TONS TO 125 TONS
2"	>125 TONS TO 250 TONS

AND ALSO EQUAL OR GREATER THAN THE CONDENSATE DRAIN OUTLET AT THE UNIT

TYPICAL CONDENSATE DRAIN PIPING DETAIL (DRAW THROUGH)

N.T.S.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUE	DATE
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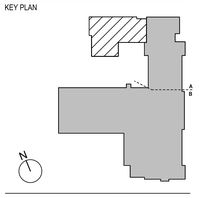
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL DETAILS

M701

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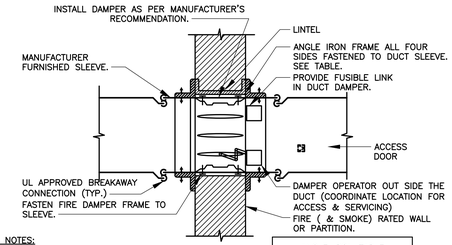


GENERAL NOTES:

1. FIRE DAMPER TO BE N.F.P.A. 90A AND BSA APPROVED.
2. N.F.P.A. APPROVED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF COMBINATION FIRE & SMOKE DAMPER FOR APPROVAL WHICH SHALL MEET N.F.P.A. STANDARD 90A AND BSA APPROVED.
3. DETAILS SHOWN ARE FOR COMBINATION FIRE AND SMOKE DAMPERS IN HORIZONTAL DUCT WORK.
4. ACCESS DOOR IS SHOWN IN SIDE OF DUCT .
5. THIS DETAIL IS A GUIDE ONLY. INSTALL DAMPER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 54"	1½"X1½"X⅛"
55" TO 84"	3"X2"X5/16"
85" TO 120"	3"X2"X5/16"

NOTE:
RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MIN. AND COVER CORNERS OF OPENINGS.

COMBINATION OF FIRE & SMOKE DAMPER WITH FUSIBLE LINK

NOT TO SCALE

COMBINATION FIRE SMOKE DAMPER DETAIL

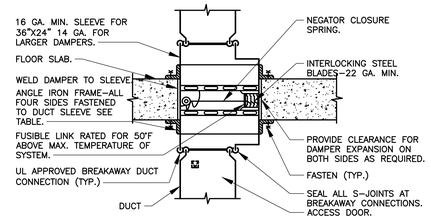
N.T.S.

GENERAL NOTES:

1. FIRE DAMPER TO BE U.L. LABELED AND CONFORM TO NFPA 90A.
2. NFPA APPROVED INSTALLATION DETAILS TO BE PART OF SHOP DRAWING SUBMISSION.
3. ACCESS DOOR IS SHOWN IN SIDE OF DUCT RELOCATE IF FUSIBLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT.
4. THIS DETAIL IS A GUIDE ONLY. INSTALL DAMPER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.

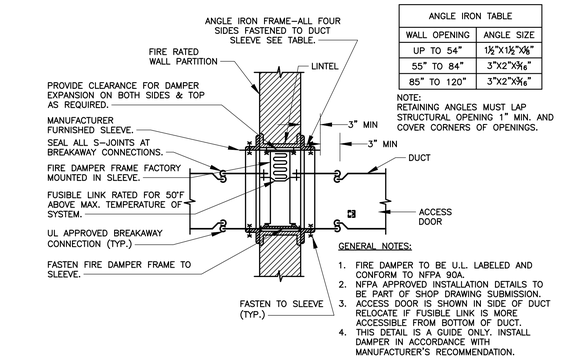
ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 54"	1½"X1½"X⅛"
55" TO 84"	3"X2"X5/16"
85" TO 120"	3"X2"X5/16"

NOTE:
RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MIN. AND COVER CORNERS OF OPENINGS.



HORIZONTAL FIRE DAMPER DETAIL

N.T.S.



ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 54"	1½"X1½"X⅛"
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NOTE:
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GENERAL NOTES:

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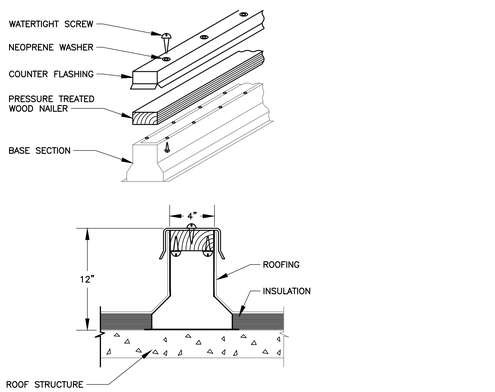
2. NFPA APPROVED INSTALLATION DETAILS TO BE PART OF SHOP DRAWING SUBMISSION.
3. ACCESS DOOR IS SHOWN IN SIDE OF DUCT RELOCATE IF FUSIBLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT.
4. THIS DETAIL IS A GUIDE ONLY. INSTALL DAMPER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.

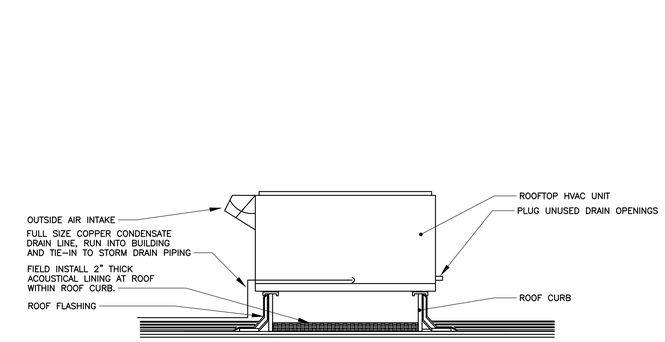
VERTICAL FIRE DAMPER DETAIL

N.T.S.



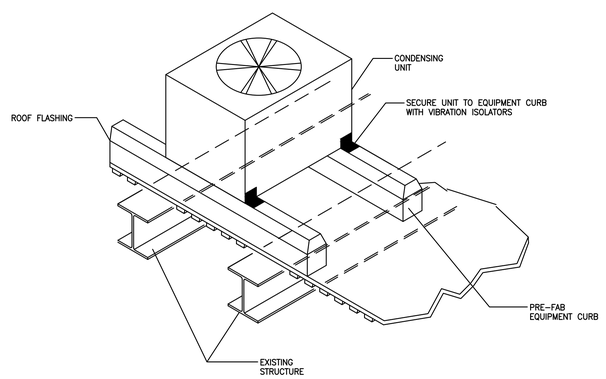
EQUIPMENT ROOF RAIL DETAIL

N.T.S.



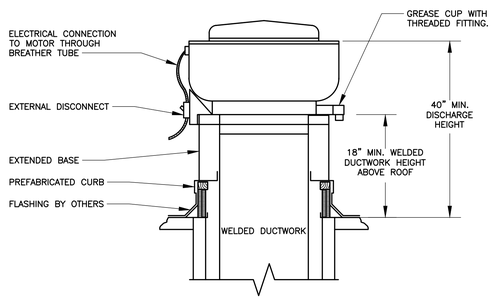
ROOFTOP UNIT INSTALLATION DETAIL

N.T.S.



AIR-COOLED CONDENSING UNIT ON ROOF DETAIL

N.T.S.

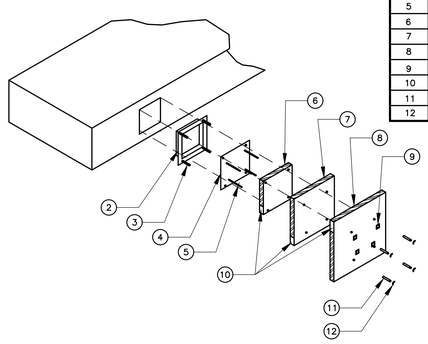


KITCHEN ROOF EXHAUST FAN DETAIL

NOT TO SCALE

MD–066

LEGEND	
1	DOOR HOLE
2	ACCESS FRAME WELDED TO DUCT
3	1/4" DIAMETER ALL THREAD RODS
4	ACCESS COVER – 16 GAUGE
5	INSULATION PINS – WELDED
6	FIREMASTER DUCT WRAP
7	FIREMASTER DUCT WRAP 1" OVERLAP
8	FIREMASTER DUCT WRAP 1" OVERLAP
9	SPEED CLIPS
10	ALUMINUM TAPE AT EDGES
11	SPOOL PIECES FOR THREADED RODS
12	1/4" DIAMETER WING NUTS



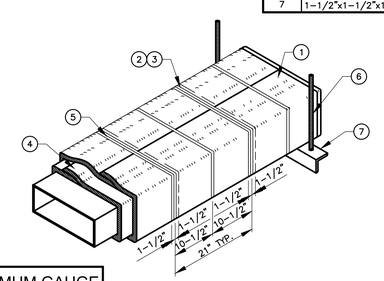
GREASE DUCT ACCESS DOOR ENCLOSURE INSTALLATION

NOT TO SCALE

MD–042

NOTES:
1. DUCTS > 24" WIDE REQUIRE PINNING ON THE BOTTOM SIDE OF HORIZONTAL DUCTS AND A MINIMUM OF ONE OF THE WIDER SIDES OF A VERTICAL DUCT.
2. VERTICAL DUCTS > 48" WIDE REQUIRE PINNING ON ALL SIDES.

LEGEND	
1	TWO LAYERS FIREMASTER DUCT WRAP
2	FILAMENT TAPE
3	BANDING
4	3" PERIMETER OVERLAP
5	3" LONGITUDINAL OVERLAP
6	1/2" DIAMETER HANGER ROD
7	1–1/2"x1–1/2"x1/8" ANGLE



DUCTWORK MINIMUM GAUGE	
DUCT CROSS SECTIONAL AREA	MINIMUM GAUGE
UP TO 155 SQ. IN.	NO. 16
155 TO 200 SQ. IN.	NO. 14
> 200 SQ. IN.	NO. 12

FIREWRAP GREASE DUCT SYSTEM

NOT TO SCALE

MD–043

PUBLIC SCHOOLS OF THE TARRYTOWNS

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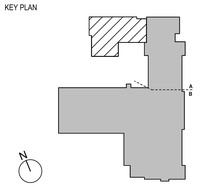
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

MECHANICAL DETAILS

M702

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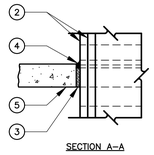
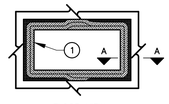
LEGEND	
1	DUCT
2	TWO LAYERS FIREMASTER DUCT WRAP
3	4–1/4" FIREMASTER DUCT WRAP
4	1/4" 3M FIRE BARRIER 2000+ SILICONE
5	CONCRETE SLAB



SECTION A–A



FLOOR VIEW

FIREMASTER GREASE DUCT FLOOR/WALL THROUGH PENETRATION SYSTEM

NOT TO SCALE

MD–044

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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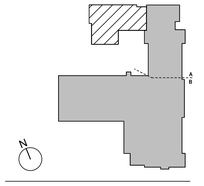

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MEMASI PROJECT NO.	101-2403

MECHANICAL DETAILS

M703

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ELECTRICAL SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

SYMBOL	DESCRIPTION
	20A, 125V DECORA STYLE DUPLEX RECEPTACLE – FLUSH WALL MOUNTED
USB	20A, 125V DECORA STYLE DUPLEX RECEPTACLE WITH DUAL USB PORTS
	20A, 125V SINGLE RECEPTACLE – FLUSH WALL MOUNTED
	20A, 125V DECORA STYLE QUADRUPLEX RECEPTACLE – FLUSH WALL MOUNTED
	20A, 125V DECORA STYLE GFCI TYPE DUPLEX RECEPTACLE – FLUSH WALL MOUNTED
WP	20A, 125V GFCI TYPE WEATHER RESISTANT DUPLEX RECEPTACLE IN WEATHER PROOF ENCLOSURE
	SPECIAL PURPOSE RECEPTACLE – FLUSH WALL MOUNTED
	20A, 125V DECORA STYLE DUPLEX RECEPTACLES – FLUSH WALL MOUNTED ABOVE EACH OTHER. TOP RECEPTACLE TO BE MOUNTED AT 48".
	20A, 125V DECORA STYLE HALF SWITCHED DUPLEX RECEPTACLE – FLUSH WALL MOUNTED. BOTTOM HALF OF DUPLEX RECEPTACLE TO BE SWITCHED VIA WALL SWITCH
	2 HOUR RATED FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE
	2 HOUR RATED FLUSH FLOOR MOUNTED COMBINATION DUPLEX RECEPTACLE & VOICE/DATA OUTLET. ROUTE 1 1/4" EMPTY CONDUIT WITH DRAGLINE FOR VOICE/DATA CABLING INTO NEAREST PARTITION AND EXTEND INTO NEAREST ACCESSIBLE CEILING. TERMINATE WITH ANTI–SHORT BUSHING.
	2 HOUR RATED FLUSH FLOOR MOUNTED COMBINATION QUADRUPLEX RECEPTACLE & VOICE/DATA OUTLET. ROUTE 1 1/4" EMPTY CONDUIT WITH DRAGLINE FOR VOICE/DATA CABLING INTO NEAREST PARTITION AND EXTEND INTO NEAREST ACCESSIBLE CEILING. TERMINATE WITH ANTI–SHORT BUSHING.
J	CEILING MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
J	FLUSH WALL MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
J	FLUSH FLOOR MOUNTED JUNCTION BOX WITH FINAL EQUIPMENT CONNECTION
	UNFUSED DISCONNECT SWITCH – 30A, 3P, U.O.N.
100A / 60A	FUSED DISCONNECT SWITCH – 100 AMP SWITCH, 60 AMP FUSE, UNFUSED (EXCEPT WHERE FUSE SIZE IS INDICATED) 3–POLE (EXCEPT WHERE NOTED)
	COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COOR. LOCATION W/MECH. CONT.
CB 100A / 60A	CIRCUIT BREAKER 100A FRAME/60A TRIP, 3 POLE, U.O.N. ST – SHUNT TRIP
VFD	VARIABLE FREQUENCY DRIVE (VFD), FURNISHED BY MECHANICAL CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR. COORD. LOCATION WITH MECH. CONTRACTOR
TVSS	SURGE SUPPRESSER, LIEBERT ACCUVAR #ACV–277–Y–111–RKE FED WITH 30A/3P C/B MOUNT WITHIN 3ft OF TOTAL WIRE LENGTH FROM SOURCE
FSD	COMBINATION FIRE/SMOKE DAMPER – COORD. LOCATION WITH MECH. CONTRACTOR INTERCONNECT TO FIRE ALARM SYSTEM
M	MOTOR
	PULLBOX, SIZED PER NEC
T	DRY TYPE 480–208V TRANSFORMER DELTA–WYE WITH GROUNDED SECONDARY SIDE, UON.
	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
GND	GROUND BAR
	2#12+1#12G–3/4"C FOR ONE CKT. HOMERUN, U.O.N.
	4#12+1#12G–3/4"C FOR TWO CKT. HOMERUN, U.O.N.
	6#12+1#12G–3/4"C FOR THREE CKT. HOMERUN, U.O.N.
	3#12+1#12G–3/4"C HOMERUN, U.O.N.
	CONCEALED CONDUIT
	CONDUIT TURNING UP
	CAPPED CONDUIT
	FLEXIBLE EQUIPMENT CONNECTION
	GROUND CONNECTION
	CIRCUIT BREAKER – MOLDED CASE TYPE
	DRAW OUT TYPE CIRCUIT BREAKER
	FUSED SWITCH, TYPE 'FA' FUSE
	FUSE
	UNFUSED SWITCH – 100 AMP SWITCH
M	UTITLITY METER WITH CT. COMPARTMENT
SUB M	DIGITAL SUB–METER E–MON D–MON 2000 CLASS #480100,200,400,800D KIT, PROVIDE A 20A/3–POLE BREAKER IN LOCAL POWER PANEL
CHIME DB / DB T	DOOR BELL PUSH BUTTON / DOOR BELL CHIME AND ASSOCIATED TRANSFORMER
TV	WALL MOUNTED TELEVISION OUTLET WITH 3/4" EMPTY CONDUIT & DRAG LINE TERMINATED IN A 90° BEND 6" INTO NEAREST ACCESSIBLE CEILING
V	VOICE & DATA OUTLET LOCATION WITH 1" EMPTY CONDUIT & DRAG LINE TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING
$H	ADA "CALL FOR ASSISTANCE" PULL CORD SWITCH, HORN/STROBE & 24V TRANS., EST EDWARDS KIT MODEL #6538–G5
$T	MANUAL STARTER – TOGGLE TYPE WITH THERMAL ELEMENT – 250V HP RATED, FURNISHED BY ELEC CONTRACTOR
	CEILING MOUNTED EDGE–LIT LED EXIT SIGN WITH EMERGENCY BATTERY BACKUP
	WALL MOUNTED EDGE–LIT LED EXIT SIGN WITH EM BATTERY BACKUP
	COMBINATION EMERGENCY LIGHT FIXTURE AND LED EXIT SIGN WITH EMERGENCY BATTERY BACKUP
	WALL MOUNTED EMERGENCY LIGHTING UNIT
	RECESSED CEILING MOUNTED EMERGENCY LIGHTING UNIT
SPD1	SURGE PROTECTION DEVICE, CURRENT TECHNOLOGY #SL32002083YMDTM2F.
SPD2	SURGE PROTECTION DEVICE, CURRENT TECHNOLOGY #TG30502083YMDTM1F.
SPD3	SURGE PROTECTION DEVICE, CURRENT TECHNOLOGY #CG60120208 3GY FED WITH A 60A/3P CIRCUIT BREAKER.
CR	ELECTRICAL CONTRACTOR SHALL PROVIDE A 1" CONDUIT WITH DRAGLINE FOR VOICE/DATA TO MDF ROOM FOR MOTORIZED DOORS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRING AND CONNECTIONS FROM POWER SUPPLY TO MOTOR AND CONTROLS FOR OVERHEAD DOOR. COORDINATE WITH MANUFACTURER FOR ALL CONDUIT, JUNCTION BOXES, AND WIRING REQUIREMENTS. PROVIDE DRAGLINES IN CONDUITS REQUIRED FOR LOW VOLTAGE CABLING.
EPO	EMERGENCY POWER OFF PUSH BUTTON. FOR EMERGENCY POWER SHUTDOWN
R	RELAY
	GENERIC LIGHT FIXTURE TO BE REMOVED
CR	CORD REEL WITH RECEPTACLE

FIRE ALARM SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

SYMBOL	DESCRIPTION
S	CEILING MOUNTED ADDRESSABLE SMOKE DETECTOR CG – DENOTES CAGE GUARD
S	WALL MOUNTED ADDRESSABLE SMOKE DETECTOR
S_{EL}	ELEVATOR RECALL ADDRESSABLE SMOKE DETECTOR
S_{SC}	CEILING MOUNTED ADDRESSABLE COMBINATION SMOKE/CARBON MONOXIDE DETECTOR WITH SOUNDER BASE
H	CEILING MOUNTED ADDRESSABLE THERMAL DETECTOR RATE–OF–RISE
H_{FT}	CEILING MOUNTED FIXED TEMP ADDRESSABLE THERMAL DETECTOR
CO	CEILING MOUNTED ADDRESSABLE CARBON MONOXIDE DETECTOR
D	DUCT SMOKE DETECTOR
TS	SPRINKLER TAMPER SWITCH
WF	SPRINKLER WATER FLOW SWITCH
DGP	FIRE ALARM DATA GATHERING PANEL
FACP	FIRE ALARM CONTROL PANEL WITH EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM
FAP	FIRE ALARM REMOTE ANNUNCIATOR PANEL
FSD	FIRE SMOKE DAMPER
F	COMBINATION FIRE ALARM SPEAKER/STROBE LIGHT UNIT – FLUSH WALL MOUNTED (WITH ADJUSTABLE CANDELA RATING) CG – DENOTES CAGE GUARD #cd – DENOTES CANDELA RATING
	FIRE ALARM STROBE LIGHT UNIT – FLUSH WALL MOUNTED (WITH ADJUSTABLE CANDELA RATING)
F	FIRE ALARM PULL STATION
DH	DOOR HOLDER RELEASE RELAY – COORDINATE WITH HARDWARE CONSULTANT/VENDOR
MM	FIRE ALARM MONITOR MODULE
CM	FIRE ALARM CONTROL MODULE
FP	FIREFIGHTERS PHONE JACK
L	REMOTE LED INDICATOR LIGHT AND TEST SWITCH FOR SMOKE OR DUCT DETECTOR
F	CEILING MOUNTED SPEAKER STROBE
F	WALL MOUNTED ALARM BELL
F	CEILING MOUNTED STROBE
F	CEILING MOUNTED SPEAKER

LIGHTING CONTROL SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

SYMBOL	DESCRIPTION
$	SINGLE POLE LINE VOLTAGE SWITCH
$3	3–WAY LINE VOLTAGE SWITCH
$K	KEY ACTIVATED LINE VOLTAGE SWITCH, MAINTAIN POSITION nLIGHT #nPODA–KEY–MNTN–XZ
DM	0–10V DIMMING 16A POWER PACK MOUNTED IN JUNCTION BOX LOCATED ABOVE FINISHED CEILING, nLIGHT #nPP16–D–EFP
DM EM	0–10V EMERGENCY POWER PACK MOUNTED IN JUNCTION BOX LOCATED ABOVE FINISHED CEILING, nLIGHT #nPP16–D–ER–EFP
PP	16A POWER PACK MOUNTED IN JUNCTION BOX LOCATED ABOVE FINISHED CEILING, nLIGHT #nPP16–EFP
PP EM	16A POWER PACK MOUNTED IN JUNCTION BOX LOCATED ABOVE FINISHED CEILING, nLIGHT #nPP16–ER–EFP
OS VS	OCCUPANCY/VACANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY, nLIGHT #nCM–PDT–10–RJB – MAJOR MOTION, #nCM–PDT–9–RJB – MINOR MOTION VS – VACANCY SENSOR OPTION OS – OCCUPANCY SENSOR OPTION.
OS	WALL MTD OCCUPANCY SENSOR, nLIGHT #nWV–PDT–16
DS	DAYLIGHT SENSOR, CEILING MOUNTED, nLIGHT #nCM–ADCX–RJB
$LV	WIRED 2–BUTTON SWITCH, nLIGHT #nPODMA
$DS	WIRED 3–BUTTON SWITCH ON/OFF/DIMMING, nLIGHT #nPODMA–DX
$D4	WIRED 4 SCENE CONTROLLER ON/OFF/DIMMING SWITCH, nLIGHT #nPODMA–4S–DX–XX
VS OS	WALL MTD DUAL TECHNOLOGY VACANCY SENSOR DIMMER SWITCH, nLIGHT #nWSXA–PDT–LV–DX–XX
PC	OUTDOOR PHOTOCELL ON/OFF KIT, nLIGHT #nIO–PC–KIT
EC	nLIGHT ECLYPSE HUB, #nECY–MVOLT–BAC–ADR–SVS–XX–ENC–NW–SEP

NOTE: ALL SYMBOLS AND DEVICES ABOVE SHALL USE nLIGHT WIRED PRODUCTS

NEW YORK STATE CODES & STANDARDS

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 NYS UNIFORM CODE SUPPLEMENT
- LOCAL FIRE DEPARTMENT/FIRE MARSHAL
- NYS EDUCATION DEPARTMENT 1998 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2016 ASHRAE 90.1

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2016 NPFA 13 – STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- 2016 NFPA 14 – STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
- 2016 NFPA 20 – STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
- 2017 NFPA 70 – NATIONAL ELECTRICAL CODE
- 2016 NFPA 72 – NATIONAL FIRE ALARM AND SIGNALING CODE

TWO WAY COMMUNICATION SYMBOL LIST

NOTES:
1. PROVIDE ALL CONDUIT AND WIRING BETWEEN BASE STATION AND CALL BOXES AS REQUIRED FOR A COMPLETE CODE COMPLIANT INSTALLATION

SYMBOL	DESCRIPTION
2WB	TWO WAY COMMUNICATION BASE STATION, RATH #2500–210PSS, WITH ENCLOSURE, RATH #2500–210FM, PROVIDE A 120V, 20A DEDICATED CIRCUIT LOCKABLE CIRCUIT BREAKER AND DEDICATED PHONE LINE TO CENTRAL MONITORING STATION
2W	TWO WAY COMMUNICATION CALL BOX, RATH #2100–958SSRC2, WITH DIRECTION SIGN, RATH #7049SS

BI-DIRECTIONAL AMPLIFIER (BDA) SYSTEM SYMBOL LIST

NOTES:
1. REFER TO EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEM (ERCES) RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOL	DESCRIPTION
	LOW PROFILE ANTENNA
	TACTICAL SERIES DIPOLE ANTENNA
BDA	BI–DIRECTIONAL AMPLIFIER (BDA)
BDAA	BI–DIRECTIONAL AMPLIFIER ANNUNCIATOR (BDAA)

ELECTRICAL ABBREVIATIONS

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

A	AMPERE	KCM	THOUSAND CIRCULAR MILS
AC	ABOVE COUNTER/CABINET	KS	KITCHEN SHUTTER
AFF	ABOVE FINISHED FLOOR	KV	KILOVOLT
AHJ	AUTHORITY HAVING JURISDICTION	KVA	KILOVOLT AMPERE
AIC	AMP INTERRUPTING CAPACITY	KW	KILOWATT
ATS	AUTOMATIC TRANSFER SWITCH	KWH	KILOWATT HOUR
AUTO	AUTOMATIC	LTG	LIGHTING
AWG	AMERICAN WIRE GAUGE	MAX	MAXIMUM
BLDG	BUILDING	MCB	MAIN CIRCUIT BREAKER
C	CONDUIT	MCC	MOTOR CONTROL CENTER
CB	CIRCUIT BREAKER	MIN	MINIMUM
CCTV	CLOSED CIRCUIT TELEVISION	MTD	MOUNTED
CKT	CIRCUIT	N	NEUTRAL
CU	CARBON MONOXIDE	NIC	NOT IN CONTRACT
COMM	COMMUNICATION	NL	NIGHT LIGHTING
CT	CURRENT TRANSFORMER	NTS	NOT TO SCALE
CU	COPPER	OC	ON CENTER
DEG	DEGREE	P	POLE
DGP	DATA GATHERING PANEL	ø or PH	PHASE
DISC	DISCONNECT	PNL	PANEL
DO	DOWN	PWR	POWER
DWG	DRAWING	R	REPLACED EXISTING
E/EX	EXISITNG TO REMAIN	RE	RELOCATED EXISTING
EC	ELECTRICAL CONTRACTOR	RECEPT	RECEPTACLE
EM	EMERGENCY	SD	SMOKE DAMPER
ER	EXISITNG TO BE REMOVED	TEL	TELEPHONE
ERR	EXISITNG TO BE REMOVED AND RELOCATED	TOS	TOP OF SHAFT
FA	FIRE ALARM	TV	TELEVISION
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FL	FLOOR	UON	UNLESS OTHERWISE NOTED
FS	FAN SHUTDOWN	UV	UNIT VENTILATOR
FSD	FIRE SMOKE DAMPER	V	VOLT OR VOLTAGE
FT	FEET OR FOOT	VA	VOLT AMPERE
GRD	GROUND	VIF	VERIFY IN FIELD
GFI	GROUND FAULT INTERRUPTER	W	WATT
HID	HIGH INTENSITY DISCHARGE	WP	WEATHERPROOF
HP	HORSE POWER	WT	WATERTIGHT
HZ	HERTZ	XP	EXPLOSION PROOF
JB	JUNCTION BOX		

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMP	WATTS	VOLTS	CONTROL	REMARKS
F1	1X4 LED EDGE LIT PANEL	METALUX 1AFPSL2SCT3-3500K-MID	LED 3500K 3050 LM	27	UNV		
F2	2X2 LED EDGE LIT PANEL	METALUX 2AFPSL2SCT3-3500K-MID	LED 3500K 2420 LM	21.6	UNV		
F3	2X4 LED EDGE LIT PANEL	METALUX 2AFPSL2SCT3-3500K-MID	LED 3500K 4550 LM	40.2	UNV		
F4	4 FT. WALL MOUNT LED	METALUX 4SWLED-3SSL-UW-UNV-L835-CD1-U	LED 3500K 3200 LM		UNV	0-10V	
F5	4 FT. LED STRIP LIGHT	METALUX 4SLSTPSLC-UNV-MID-3500K	LED 3500K 3534 LM	31	UNV	0-10V	
F6	8 FT. LED STRIP LIGHT	METALUX 8SLSTPSLC-UNV-MID-3500K	LED 3500K 7782 LM	64	UNV	0-10V	
F7	4 IN. LED DOWNLIGHT	HALO HCSQ4150D10-HM40525835-41SQC	LED 3500K 1500 LM 80 CRI	64	UNV	0-10V	
G1	SUSPENDED LINEAR, 2.5" SQUARE PROFILE x LENGTHS PER DRAWING, WITH DIRECT/INDIRECT BATWING DISTRIBUTION, WOOD FINISH TBD, AND REMOTE DIMMING DRIVER	LIGHTLY CRESCENT LENS CLN-XX"-TBDFINISH-A-BL-L-35-R	LED 3500K 717 LM/FT 90 CRI	6/FT	UNV	0-10V	PROVIDE LENGTHS AS INDICATED ON DRAWING SUBMIT AS SPECIFIED. NO KNOWN EQUAL.
G2	REGRESSED PERIMETER LINEAR SLOT, 4"W x LENGTHS PER DRAWING, WITH 4" REGRESS, WHITE GRID FLANGE, TELESCOPING ENDCAP, AND INTEGRAL DIMMING DRIVER.	FINELITE HP-WS-4W-4D-XX'-B-835-SW-120-SC-FC10%-TR-TBDGRID-FEL-TXLR-SW OR EQUAL BY FOCAL POINT OR LUMENWERX	LED 3500K 398 LM/FT 80 CRI	5/FT	120	0-10V	PROVIDE LENGTHS PER DRAWING
G3	RECESSED DOWNLIGHT, 3" SQUARE, WITH 50 DEGREE BEAM, SOLITE LENS, MATTE WHITE BEVEL, AND INTEGRAL DIMMING DRIVER.	LUMENWERX AERA 3" DOWNLIGHT AE3SR-TRM-SW-OF-ASB-UNV-14W-D1-NA AE3SRB-SW-14W-50DEG-2STP-80CRI-35K-TRM-SDL-FTMW-FTMW OR EQUAL BY FOCAL POINT	LED 3500K 1545 LM 80 CRI	14	UNV	0-10V	
G3A	SAME AS TYPE G3, EXCEPT ADJUSTABLE	LUMENWERX AERA 3" DOWNLIGHT AE3SRA-TRM-SW-OF-ASB-UNV-14W-D1-NA AE3SRAB-SW-14W-50DEG-2STP-80CRI-35K-TRM-SDL-FTMW-FTMW OR EQUAL BY FOCAL POINT	LED 3500K 1352 LM 80 CRI	14	UNV	0-10V	
G4	SUSPENDED LINEAR, 1.67"W x 3.5"H x LENGTHS PER DRAWING, WITH DIRECT BATWING DISTRIBUTION, TBD FINISH, PARTIAL DAYLIGHT CONTROL, AND INTEGRAL 1% DIMMING DRIVER.	FOCAL POINT SEEM 1 FSM1S-BW-625LF-30K-2CT-UNV-LD11-C4B-TBDFINISH-XXFT OR EQUAL BY LUMENWERX.	LED 3500K 625 LM/FT 80 CRI	6/FT	UNV	0-10V	PROVIDE LENGTHS AS INDICATED ON DRAWING. PROVIDE DAYLIGHT ZONE AS REQUIRED ON ELECTRICAL DRAWING, TO BE SWITCHED WITH NON-DAYLIGHT ZONE.
G5	RECESSED LINEAR, 1.67"W x LENGTHS PER DRAWING, WITH BATWING DISTRIBUTION, WHITE FLANGE FINISH, AND INTEGRAL 1% DIMMING DRIVER.	FOCAL POINT SEEM 1 FSM1-BW-375LF-30K-1CT-UNV-LD11-XFN-WH-XXFT OR EQUAL BY LUMENWERX	LED 3500K 375 LM/FT 80 CRI	3/FT	UNV	0-10V	PROVIDE LENGTHS PER DRAWING
G6	SURFACE MOUNTED LINEAR WALLWASHER, WITH REMOTE DRIVER	PURE EDGE CIRRUS CEILING CCWSH-SW-1R-XX'-35K-WH POWER SUPPLY PSB-XXW-UNI-24VDC-TBD	LED 3500K	5/FT	UNV	0-10V	PROVIDE LENGTHS PER DRAWING. REMOTE DRIVER LOCATED IN ACCESSSIBLE LOCATION WITH AIRFLOW, OUT OF DIRECT VIEW. SUBMIT AS SPECIFIED.
G7	WALL MOUNTED LINEAR, 2.25"W x 4"H x LENGTHS PER DRAWING, WITH 6° ARM, DIRECT OUTPUT, FLUSH LENS, WHITE FINISH, AND INTEGRAL DIMMING DRIVER.	FINELITE HP-2-AM-D-XX'-S-835-F-96LG-120-SC-FC10%-AM5-FE-SW OR EQUAL BY LUMENWERX	LED 3500K	4/FT	120	0-10V	PROVIDE LENGTHS AS INDICATED ON DRAWING
G8	SURFACE MOUNTED LINEAR UNDERCABINET, 0.67"W x 0.31"H x LENGTHS PER DRAWING, WITH FROSTED LENS, WHITE FINISH, AND REMOTE DIMMING DRIVER.	DIODE LED BLAZE/SLIM DI-24V-BLBSC2-35-XXFT-WH-SW DI-CHB-S1-WH DI-ODX-24V120W-J	LED 3500K 200 LM/FT 90 CRI	3/FT	UNV/24	0-10V	PROVIDE LENGTHS AS INDICATED ON DRAWING
G9	SUSPENDED LINEAR CONFIGURATION WITH THREE SPOKES, 4' DIA. WITH 1.67"W x 3.5"H PROFILE, DIRECT BATWING DISTRIBUTION, TBD FINISH, AND INTEGRAL 1% DIMMING DRIVER.	FOCAL POINT SEEM 1 TRIO FSM1FP-T-4-BW-3750-35K-UNV-LD11-CC96-TBDFINISH OR APPROVED EQUAL BY LUMENWERX	LED 3500K	37	UNV	0-10V	MOUNT FLUSH WITH ACOUSTIC PAD
G10	RECESSED LINEAR, 1.67"W x LENGTHS PER DRAWING, WITH BATWING DISTRIBUTION, GRID MOUNT, WHITE FINISH, AND INTEGRAL DIMMING DRIVER.	FOCAL POINT SEEM 1 FSM1-BW-625LF-30K-1C-UNV-LD1-TBDGRID-WH-XXFT OR EQUAL BY LUMENWERX	LED 3500K 625 LM/FT 80 CRI	5/FT	UNV	0-10V	PROVIDE LENGTHS PER DRAWING
G11	SUSPENDED LINEAR, 7.5" W x 3.5"H IN SQUARE CONFIGURATIONS PER DRAWING, WITH DIRECT ASYMMETRIC DISTRIBUTION, AND INDIRECT BATWING DISTRIBUTION, TBD FINISH, AND INTEGRAL 1% DIMMING DRIVER.	FOCAL POINT SEEM 1 FSM1BS-BWAS-260DN-260UP-35K1C-UNV-LD11-C4B-TBDFINISH-SQXXxXX OR EQUAL BY LUMENWERX	LED 3500K 500 LM/FT 80 CRI	5/FT	UNV	0-10V	PROVIDE CONFIGURATIONS AS INDICATED ON DRAWING
G12	RECESSED 2X4, WITH WHITE FINISH, AND INTEGRAL 1% DIMMING DRIVER.	COLUMBIA VERSIFY VSY24-35-MLHE-G-ED1-U	LED 3500K 4810 LM 80 CRI	37	UNV	0-10V	
G13	RECESSED LINEAR, 1.67"W x LENGTHS PER DRAWING, WITH BATWING DISTRIBUTION, GRID MOUNT, WHITE FINISH, AND INTEGRAL 1% DIMMING DRIVER.	FOCAL POINT SEEM 1 FSM1-BW-625LF-30K-1C-UNV-LD11-TBDGRID-WH-XXFT OR EQUAL BY LUMENWERX	LED 3500K 625 LM/FT 80 CRI	5/FT	UNV	0-10V	PROVIDE LENGTHS PER DRAWING ARCHITECT TO CEILING SYSTEM
G14	RECESSED 2X2, WITH INDIRECT ASYMMETRIC LIGHT SOURCE, REFLECTOR TILE BY OTHERS, WHITE FINISH, AND INTEGRAL DIMMING DRIVER.	ALIGHT LEAN LEAN-I-LS-35-CRI-U-AWF-D	LED 3500K 1968 LM 90 CRI	28	UNV	0-10V	CONTRACTOR TO PROVIDE MATCHING 2X2 CEILING TILE FOR REFLECTOR INSERT. ORIENT FIXTURES TOWARD MURAL.
EX	EMERGENCY/EXIT COMBO	LITHONIA LHQM LED R	LED	3	UNV		CONTRACTOR TO COORDINATE DIRECTIONAL INDICATOR. PROVIDE ALL MOUNTING OPTIONS.
EM	EMERGENCY LIGHT FIXTURE	LITHONIA ELM4L B	LED	3	UNV		
X1	LED EDGE-LIT EXIT SIGN	LITHONIA LRP (1/2) RMR 120/277 EL N	LED	2.3	UNV		CONTRACTOR TO COORDINATE DIRECTIONAL INDICATOR. PROVIDE ALL MOUNTING OPTIONS.
X2	LED CAST ALUMINUM EXIT SIGN	LITHONIA LQC (1/2) R EL N	LED	0.7	UNV		CONTRACTOR TO COORDINATE DIRECTIONAL INDICATOR. PROVIDE ALL MOUNTING OPTIONS.
X3	EXTERIOR WALL PACK	LITHONIA ARC1 LED P2 40K MVOLT E4WH PE DDBTXD	LED 4000K 2151 LM	17	UNV		INTEGRAL 90 MIN EM BATTERY. PHOTOCELL FOR DUSK TO DAWN OPERATION.

BACK OF HOUSE LIGHTING FIXTURE SCHEDULE:

1. COORDINATE WITH ARCHITECT AND INTERIOR DESIGNER FOR ALL LIGHT FIXTURE FINISHES AND MOUNTING REQUIREMENTS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR FRONT OF HOUSE LIGHT FIXTURE SCHEDULE AND SPECIFICATIONS.

FIXT. TYPE/ SYMBOL	DESCRIPTION	VOLTAGE	MANUFACTURER	CATALOG NUMBER	LAMP		LOCATIONS	REMARKS
EM	INTERIOR LED EMERGENCY WALL PACK FIXTURE	UNV	DUAL–LITE	EV4D–02WAL	4W		INTERIOR EGRESS PATHS	NORMALLY OFF, EMERGENCY ONLY
EXT,N EM	EXTERIOR LED EMERGENCY WALL PACK FIXTURE	UNV	EVENLITE	WW–EM–BK–CT	10W		EXTERIOR EGRESS DOORS	"N" INDICATES NORMALLY ON OPTION VIA PHOTOCELL

ELECTRICAL DRAWING LIST

Sheet Number	Sheet Title
E001	ELECTRICAL COVER SHEET
E002	ELECTRICAL NOTES
ED100	ELECTRICAL DEMOLITION PLAN - SUB-BASEMENT
ED101	ELECTRICAL DEMOLITION PLAN - BASEMENT
ED102-A	ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA A
ED102-B	ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA B
ED103-A	ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA A
ED103-B	ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA B
ED104-A	ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA A
ED104-B	ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA B
ED105	ELECTRICAL DEMOLITION PLAN - THIRD FLOOR
E099	ELECTRICAL SITE PLAN
E100	ELECTRICAL POWER PLAN - SUB-BASEMENT
E101	ELECTRICAL POWER PLAN - BASEMENT
E102-A	ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA A
E102-B	ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA B
E103-A	ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA A
E103-B	ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA B
E104-A	ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA A
E104-B	ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA B
E105	ELECTRICAL POWER PLAN - THIRD FLOOR
E106-A	ELECTRICAL POWER PART PLAN - ROOF - AREA A
E106-B	ELECTRICAL POWER PART PLAN - ROOF - AREA B
E200	ELECTRICAL LIGHTING PLAN - SUB-BASEMENT
E201	ELECTRICAL LIGHTING PLAN - BASEMENT
E202-A	ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA A
E202-B	ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA B
E203-A	ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA A
E203-B	ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA B
E204-A	ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA A
E204-B	ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA B
E205	ELECTRICAL LIGHTING PLAN - THIRD FLOOR
E501	ELECTRICAL RISER DIAGRAM
E502	FIRE ALARM RISER DIAGRAM
E601	ELECTRICAL PANEL SCHEDULE SHEET1
E602	ELECTRICAL PANEL SCHEDULE SHEET2
E603	ELECTRICAL PANEL SCHEDULES SHEET3
E701	ELECTRICAL DETAILS SHEET 1
E702	ELECTRICAL DETAILS SHEET 2

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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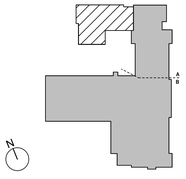
BRIDGEWATER, MA. 02324

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL COVER SHEET

E001

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ELECTRICAL GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, BUILDING DEPARTMENT, BUILDING MANAGEMENT, ALL AUTHORITIES HAVING JURISDICTION, AND APPLICABLE NATIONAL, STATE, AND LOCAL CODES. LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS. CONTRACTOR IS TO INFORM THE ENGINEER OF ANY EXISTING WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION OF LAWS AND REGULATIONS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE BY THIS CONTRACTOR AND AT NO EXPENSE TO THE OWNER.
2. PRIOR TO SUBMISSION OF BID, THIS CONTRACTOR SHALL VISIT THE JOB SITE TO ASCERTAIN THE ACTUAL FIELD CONDITIONS AS THEY RELATED TO THE WORK AS INDICATED ON THE DRAWINGS AND DESCRIBED HEREIN. DISCREPANCIES, IF ANY, SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO SUBMISSION OF BID, AND, IF NOT RESOLVED TO SATISFACTION, SHALL BE SUBMITTED AS A WRITTEN QUALIFICATION OF THE BID. SUBMISSION OF A BID SHALL BE EVIDENCE THAT SITE VERIFICATION HAS BEEN PERFORMED AS DESCRIBED ABOVE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND APPROXIMATE LOCATION OF EQUIPMENT. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND COORDINATE FINAL LOCATIONS OF SWITCHES, LIGHT FIXTURES, RECEPTACLES, ETC. WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS. IF A CONFLICT OCCURS IN THE SPECIFICATIONS AND/OR ON THE DRAWINGS, THE MORE STRINGENT SITUATION SHALL APPLY.
4. PRIOR TO SUBMISSION OF BID, THIS CONTRACTOR SHALL REVIEW ALL DRAWINGS OF THE ENTIRE PROJECT INCLUDING GENERAL CONSTRUCTIONS, DEMOLITION, ARCHITECTURAL, MECHANICAL, ELECTRICAL, TELECOM/AV/SECURITY, PLUMBING, AND FIRE PROTECTION AND SHALL INCLUDE ANY WORK REQUIRED IN THE BID WHICH IS INDICATED OR IMPLIED TO BE PERFORMED BY THIS TRADE IN OTHER SECTIONS OF THE WORK.
5. ANY EQUIPMENT, PARTS, MATERIALS, ACCESSORIES, OR LABOR THAT IS NECESSARY FOR PROPER PERFORMANCE OF THE ELECTRICAL WORK, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, OR SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL WITHOUT ADDITIONAL COST.
6. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. FINAL ACCEPTANCE SHALL BE DEFINED AS THE TIME AT WHICH THE ELECTRICAL WORK IS TAKEN OVER AND ACCEPTED BY THE OWNER, AND IS UNDER CARE, CUSTODY, AND CONTROL OF THE OWNER. ENGAGE THE SERVICES OF VARIOUS MANUFACTURER'S SUPPLYING THE EQUIPMENT FOR THE PROPER STARTUP, OPERATION, AND SERVICING OF EQUIPMENT.
7. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND CONTRACTOR'S SERVICES NECESSARY FOR THE COMPLETE AND SAFE INSTALLATION OF ALL ELECTRICAL WORK. THE SCOPE OF WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
   - ELECTRICAL REQUIREMENTS SHALL BE IN CONFORMANCE WITH ENGINEERING BID DOCUMENTS AS WELL AS DOCUMENTS (SPECIFICATIONS & DRAWINGS) PREPARED BY LOCAL UTILITY COMPANY AND REFERENCED DRAWINGS IN THE UTILITY COMPANY DOCUMENTS NOT INCLUDED SHALL BE PART OF THIS CONTRACT.
   - CONTRACTOR SHALL COORDINATE AND ARRANGE TO RECEIVE AND/OR PICK UP SPECIFIC EQUIPMENT OUTLINED PRE-PURCHASE ITEMS.
   - REMOVAL AND RELOCATION OF EQUIPMENT AS REQUIRED WHEN INTERFERING WITH NEW WORK.
   - INSTALLATION OF NEW RACEWAY AND CONDUCTORS.
   - CUTTING, CHANNELING, CHASING, AND ROUGH PATCHING REQUIRED TO ACCOMMODATE THE ELECTRICAL INSTALLATION.
   - ADDITION OR MODIFICATION OF EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT.
   - INSTALLATION OF CONDUIT, JUNCTION BOXES, PULL BOXES, ETC., REQUIRED FOR THE AFOREMENTIONED EQUIPMENT.
   - MAINTENANCE AND PROPER OPERATION OF EXISTING BASE BUILDING SYSTEMS WITHIN THE CONTRACT AREA IN ACCORDANCE WITH THE REQUIREMENTS OF BUILDING MANAGEMENT.
   - TEMPORARY LIGHT AND POWER DURING CONSTRUCTION.
   - GROUNDING OF ALL EQUIPMENT AS REQUIRED BY CODE AND SPECIFIED.
8. THIS CONTRACTOR IS TO OBTAIN A COPY OF THE BUILDING RULES AND REGULATIONS PRIOR TO BID SUBMISSION TO DETERMINE REQUIREMENTS AND THE EXTENT OF PREMIUM TIME WORK REQUIRED BY BUILDING MANAGEMENT. FOR THE PURPOSE OF BID, ASSUME ANY NOISY WORK (E.G., CHOPPING, CORE DRILLING, ETC.) AND BASE BUILDING SYSTEM INTERRUPTIONS ARE TO BE PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
9. "THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" AIA DOCUMENT A201 LATEST EDITION, OR AS REQUIRED BY THE ARCHITECTS DOCUMENTS AND/OR THE STRUCTURAL ENGINEERS DOCUMENTS, AS APPLICABLE, ARE PART OF THIS DOCUMENT.
10. SUBMIT SHOP DRAWINGS CERTIFIED BY ALL TRADES THAT COORDINATION HAS BEEN ESTABLISHED. SUBMIT ALL CERTIFIED EQUIPMENT CUTS WITH CONSTRUCTIONS WIRING DIAGRAMS. PROVIDE DIGITAL COPIES OF ALL DRAWINGS. SPECIFIC JOB REQUIREMENTS MAY BE MORE STRINGENT AND CONTRACTOR IS RESPONSIBLE TO OBTAIN REQUIREMENTS FROM CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR ARCHITECT.
11. SUBMIT (4) LOOSE-LEAF BOUND OPERATING AND MAINTENANCE MANUALS WITH INDEX AND INDEX TABS TO INCLUDE ALL SHOP DRAWINGS AND OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL SYSTEMS.
12. CONTRACTOR SHALL REVISE SHIP DRAWINGS TO CONFORM TO RECORD DRAWINGS AND SUBMIT AN AS-BUILT CONDITION (DEVICES, EQUIPMENT, CIRCUITRY, ETC.) DRAWINGS UPON COMPLETION OF THE PROJECT. FINAL SUBMISSION OF REPRODUCIBLE AS-BUILT DRAWINGS ARE TO BE SIGNED AND CERTIFIED BY THE INSTALLING CONTRACTOR THAT THIS IS AS-BUILT CONDITION OF THE WORK.
13. NO SUBSTITUTE MATERIAL OR MANUFACTURER OF EQUIPMENT SHALL BE PERMITTED WITHOUT A FORMAL WRITTEN SUBMITTAL TO THE ENGINEER WHICH INCLUDES ALL DIMENSION, PERFORMANCE, AND MATERIAL SPECIFICATIONS. ANY CHANGES IN LAYOUT, ELECTRICAL CHARACTERISTICS, STRUCTURAL REQUIREMENTS, OR DESIGN DUE TO THE USE OF A SUBSTITUTION SHALL BE SUBMITTED TO THE ENGINEER AS PART OF THIS PROPOSAL. THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR THE SUBSTITUTION AND ALL CHANGES RESULTING FROM SUBSTITUTION.
14. THIS CONTRACTOR SHALL SUBMIT FOR APPROVAL, A PLAN INDICATING THE SIZE AND LOCATION OF ALL ACCESS DOORS REQUIRED FOR OPERATION AND MAINTENANCE OF ALL CONCEALED EQUIPMENT, DEVICES, JUNCTION BOXES, PULL BOXES, ETC. THIS CONTRACTOR SHALL ARRANGE FOR FURNISHING AND INSTALLATION OF ALL ACCESS DOORS IN FINISHED CONSTRUCTION AND INCLUDE COSTS IN THE BID.
15. REMOVAL, TEMPORARY CONNECTIONS, AND RELOCATION OF CERTAIN EXISTING WORK WILL BE NECESSARY FOR THE INSTALLATION OF THE NEW SYSTEMS. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND MAKE ALL NECESSARY CHANGES REQUIRED BASED ON EXISTING CONDITIONS FOR PROPER INSTALLATION OF NEW WORK.
16. PLAN INSTALLATION OF NEW WORK AND CONNECTIONS TO EXISTING WORK TO INSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FACILITIES. ALL SYSTEM SHUTDOWNS AFFECTING OTHER AREAS SHALL BE ORGANIZED WITH BUILDING MANAGEMENT. PROVIDE TEMPORARY FEEDERS, CIRCUITRY, ETC., AS REQUIRED TO MINIMIZE DOWNTIME.
17. DISCONNECTS SHALL BE 'QUICK-BREAK' HEAVY DUTY TYPE IN NEMA 1 ENCLOSURE FUSED OR UN-FUSED AS INDICATED ON THE DRAWINGS. FUSES FOR SWITCHES SHALL BE CURRENT LIMITING TYPE WITH AN INTERRUPTING CAPACITY OF 200,000 RMS AMPERES AND OF THE CONTINUOUS CURRENT RATING AS SHOWN ON THE DRAWINGS.
18. CIRCUIT BREAKERS SHALL BE 'THERMAL MAGNETIC' TYPE, QUICK-MAKE, QUICK-BREAK WITH NON-WELDING CONTACTS COMPENSATED FOR AMBIENT TEMPERATURES AND SHALL HAVE A MINIMUM SHORT CIRCUIT RATING OF 10,000 AMPERES SYMMETRICAL FOR 120/208V PANELS AND 14,000 AMPERES SYMMETRICAL FOR 277/480V PANELS OR HIGHER WHERE NOTES.
19. CONDUIT SHALL BE RIGID THREADED REGARDLESS OF SIZE.
20. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION, UNLESS OTHERWISE NOTED. UNLESS SPECIFIED ALL WIRE #10 AWG AND SMALLER SHALL BE SOLID CONDUCTORS AND 8 AWG AND LARGER SHALL BE STRANDED.
21. BRANCH CIRCUIT WIRE SIZE: THE MINIMUM WIRE SIZE FOR BRANCH CIRCUITS SHALL BE NO. 12 AWG EXCEPT 120V CIRCUITS OVER 80 FEET IN LENGTH SHALL BE 10 AWG.
22. PULL BOXES, JUNCTION BOXES, AND OUTLET BOXES SHALL BE MANUFACTURED FROM GALVANIZED INDUSTRY STANDARD SHALL STEEL.
23. PROVIDE PULL BOXES AND JUNCTION BOXES IN LONG STRAIGHT RUNS OF RACEWAY TO ASSURE THAT CABLES ARE NOT DAMAGED WHEN THEY ARE PULLED, TO FULFILL REQUIREMENTS AS TO THE NUMBER OF BENDS PERMITTED IN RACEWAY BETWEEN CABLE ACCESS POINTS, THE ACCESSIBILITY OF CABLE JOINTS AND SPLICES, AND THE APPLICATION OF CABLE SUPPORTS.
24. PULL BOXES AND JUNCTION BOXES SHALL BE SIZED SO THAT THE MINIMUM BENDING RADIUS CRITERIA SPECIFIED FOR THE WIRES AND CABLE ARE MAINTAINED.
25. ALL EQUIPMENT, DEVICE BOXES, JUNCTION BOXES, PULL BOXES, AND OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO THE BOX. IF NECESSARY AND APPROVED BY OWNER/ENGINEER, PROVIDE ACCESS DOOR OR COVER PLATES IN AREAS WHERE UNOBSTRUCTED ACCESS IS NOT POSSIBLE.
26. OPENINGS AROUND ELECTRICAL PENETRATION THROUGH FIRE RESISTANCE RATED WALL, PARTITIONS, FLOOR OR CEILING SHALL BE FIRE STOPPED USING APPROVED METHODS. SEALANT SHALL BE RATED FOR THREE (3) HOURS.
27. HEIGHTS OF OUTLETS FROM FINISHED FLOOR TO CENTERLINE OF OUTLET:

• RECEPTACLES AND DATA OUTLETS	1' 6"
• GENERAL	3' 6"
• OVER WORK BENCHES	4' 0"
• WALL SWITCHES	4' 0"
• WALL FIXTURES	6' 0"
• MOTOR CONTROLLERS	5' 0"
• FIRE ALARM PULL STATIONS	4' 0"
• FIRE ALARM HORN/SPEAKER/STROBES	6' 8" AFF OR 6" BELOW CEILING (WHICHEVER IS GREATER)

   EXCEPTIONS: AT JUNCTION BOXES OF DIFFERENT WALL FINISH MATERIALS, ON MOLDING OR BREAK IN WALL SURFACE, IN VIOLATION OF CODE REQUIREMENTS, AS NOTED OR DIRECTED.
28. PROVIDE WEIGHTS, LOCATIONS, AND DIMENSIONS OF EQUIPMENT IN EXCESS OF 200 LBS. SUPPORTED ON FLOOR OR HUNG FROM BUILDING STRUCTURE TO BASE BUILDING STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
29. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH HVAC, PLUMBING, FIRE PROTECTION, TELECOM/AV/SECURITY, AND OTHER TRADES FOR EXACT LOCATION OF ALL MOTOR AND CONTROL DEVICES, BACK BOXES, AND CONDUIT REQUIREMENTS. LOCATIONS AS SHOWN ON ELECTRICAL DRAWINGS ARE APPROXIMATE.
30. PROVIDE PRICING FOR EXTENDED WARRANTIES (2-5 YEARS) FOR THE SYSTEMS NOTED ON THE ELECTRICAL DRAWINGS AND SPECIFICATIONS. PROVIDE PRICING FOR WARRANTIES BEYOND 5-YEARS WHERE POSSIBLE.
31. EXTERIOR RECEPTACLES SHALL BE PROVIDED WITH WEATHERPROOF "WHILE IN USE" COVERS.
32. ALL FIRE ALARM SPEAKER/STROBES, SPEAKERS AND STROBE ONLY DEVICES SHALL BE "RED."

ELECTRICAL DEMOLITION NOTES

1. GENERAL
   - 1.1. REFER TO ELECTRICAL DEMOLITION DRAWINGS SET FOR NUMBER OF LIGHTING FIXTURES AND DEVICES TO BE REMOVED AND OR RELOCATED. DEMOLITION SCOPE IS NOT LIMITED TO ONLY DEVICES SHOWN ON PLAN. ELECTRICAL CONTRACTOR SHALL SURVEY EACH ROOM AND REMOVE ALL DEVICES BOTH VISIBLE AND CONCEALED.
   - 1.2. SEE HVAC DRAWINGS FOR HVAC EQUIPMENT TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT, WIRE, SWITCHES, BOXES ASSOCIATED WITH EQUIPMENT TO BE REMOVED.
   - 1.3. SEE PLUMBING DRAWINGS FOR PLUMBING EQUIPMENT TO BE REMOVED.
   - 1.4. FOR EQUIPMENT TO BE REMOVED DISCONNECT POWER AND REMOVED CONDUIT/WIRING BACK TO PANEL.
   - 1.5. REMOVE ALL DRYWALL MOUNTED DUPLEX RECEPTACLES AND ASSOCIATED CIRCUITING. WHERE OUTLETS ARE REMOVED AND THROUGH CIRCUITING SERVE OTHER OUTLETS BEYOND THE DEMOLITION AREA, RESTORE OR MAINTAIN THROUGH CIRCUITING.
   - 1.6. CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS AS REQUIRED TO BUNDLE, NEATEN, AND CLEAN UP EXISTING LOOSE CABLING INCLUDING BUT NOT LIMITED TO LOW VOLTAGE CABLING, FIRE ALARM CABLING, MC CABLING, ETC. WHERE CEILINGS ARE EXPOSED, CONTRACTOR SHALL REINSTALL ALL EXISTING CABLING IN EMT CONDUIT AS CLOSE TO UNDERSIDE OF STRUCTURE AS POSSIBLE.
   - 1.7. REMOVE ALL CLIPS AND HANGERS FROM CEILING SLAB AND REPAIR IF REQUIRED.
2. FLOOR OUTLETS – POWER
   - 2.1. ALL FLOOR OUTLETS SERVICE FITTINGS SHALL BE REMOVED WITH WIRE, REMOVED BACK TO THE ELECTRIC PANEL FROM WHICH THEY ARE SERVED.
   - 2.2. REMOVE FLOOR AFTERSET INSERT. PROVIDE SHEETMETAL "PENNY" AND PATCH BY FILLING WITH CONCRETE. FLUSH WITH FLOOR SLAB.
3. FLOOR OUTLETS – LOW TENSION
   - 3.1. ALL FLOOR OUTLET SERVICE FITTINGS SHALL BE REMOVED WITH DATA/TELEPHONE CABLE. REMOVED BACK TO TELEPHONE CLOSET TERMINAL STRIPS.
   - 3.2. REMOVE FLOOR AFTERSET INSERT, PROVIDE SHEETMETAL "PENNY" AND FILL WITH CONCRETE FLUSH WITH FLOOR SLAB.
4. EXISTING CONDUIT
   - 4.1. THIS CONTRACTOR SHALL REMOVE ALL WALL CONDUITS, BOXES, CEILING CONDUITS LEFT AFTER WALL DEMOLITION. REMOVE ALL WIRING BACK TO EXISTING PANELS.
5. EXISTING ELECTRICAL PANELS
   - 5.1. CONTRACTOR SHALL USE CARE IN DISCONNECTING WIRING FROM PANELS AND CIRCUIT BREAKERS. CAREFULLY STORE ALL PANEL COVERS AS CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETE USABLE PANEL INSTALLATION.
6. EXISTING HEADERDUCT
   - 6.1. CLEAN OUT EXISTING HEADERDUCT FROM ALL EXISTING WIRING, TAKING CARE NOT TO DISCONNECT ANY LIGHTING CIRCUITS.
   - 6.2. CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHHEADER ACCESS COVER PLATES, GASKETS AND SCREW WHICH WILL HAVE TO BE REPLACED IF LOST AS PART OF THIS WORK.
   - 6.3. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING TELEPHONE AND ELECTRICAL CABLING FROM FLOOR CELLS AND HEADERDUCT BACK TO THEIR RESPECTIVE TELEPHONE AND ELECTRIC CLOSETS. REPLACE AND SECURE ALL COVER PLATES.
7. EXISTING LIGHTING FIXTURES
   - 7.1. REMOVE AND/OR RELOCATE LIGHTING FIXTURES AND DETERMINED IF BALLAST CONTAIN PCB. AS DIRECTED TURN OVER TO OWNER/TENANT ALL FIXTURES OR DISPOSE OF THEM IN AN APPROVED MANNER. IF FIXTURES CONTAIN BALLASTS WITH PCB REMOVE BALLASTS FROM FIXTURES AND DISPOSE OF IN AN APPROVED MANNER.
   - 7.2. CONTRACTOR SHALL PULL OUT ALL WIRING AND REMOVE ALL CONDUIT. FOR OVERHEAD LIGHTING CIRCUITS RUN IN CELLULAR DECK REMOVE WIRING AND PROPERLY BLANK OFF OUTLET BOXES.
   - 7.3. REMOVE ALL ASSOCIATED CONDUIT, WIRE, SWITCHES, BOXES ASSOCIATED WITH EQUIPMENT TO BE REMOVED.
   - 7.4. DISCONNECT POWER AND REMOVE CONDUIT/WIRING BACK TO PANEL FOR EQUIPMENT TO BE REMOVED.
8. EXISTING FIRE ALARM
   - 8.1. NO EXISTING SMOKE DETECTOR, PUBLIC ADDRESS SPEAKER, FIRE ALARM BOX OR SIMILAR SERVICES INCLUDING THE ASSOCIATED WIRING SHALL BE DAMAGE DURING DEMOLITION AND SUBSEQUENT CONSTRUCTION.
   - 8.2. NO ACTIVE SMOKE DETECTOR SHALL BE COVERED OR OTHERWISE RENDERED INEFFECTIVE FOR ITS INTENDED PURPOSE.
   - 8.3. ALL ACTIVE SMOKE DETECTION, PUBLIC ADDRESS AND FIRE ALARM SYSTEM SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION. ANY DAMAGES TO THESE SYSTEMS AS A RESULT OF CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR IMMEDIATELY. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE BUILDING MANAGEMENT.
   - 8.4. DURING DEMOLITION WORK CONTRACTOR IS TO PROTECT FIRE ALARM DEVICES AGAINST DUST AND OTHER PARTICLES.
9. TEMPORARY LIGHTING AND POWER
   - 9.1. FURNISH AND INSTALL WIRING FOR ADEQUATE LIGHT AND SMALL POWER TOOLS FOR THE PROJECT.
   - 9.2. MAINTAIN THE SYSTEM IN GOOD AND ADEQUATE WORKING CONDITIONS AT ALL TIMES.
   - 9.3. FURNISH AND INSTALL ALL LAMPS, BREAKERS, AND FUSING, AS IS NECESSARY.
   - 9.4. REPLACE BURNED OUT LAMPS, DEFECTIVE BREAKERS, OR BLOWN FUSES.
   - 9.5. TEMPORARY MAINTENANCE FOR THE ABOVE SHALL BE BASED ON OPERATION 1/2 HOUR BEFORE START OF FIRST TRADE THROUGH 1/2 HOUR AFTER END OF LAST TRADE NORMAL WORK DAY.
   - 9.6. TEMPORARY LIGHT AND POWER SHALL BE INSTALLED IN ACCORDANCE WITH CODES AND AUTHORITIES HAVING JURISDICTION.

ELECTRICAL POWER NOTES

A. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS AND ARCHITECT IN FIELD FOR EXACT LOCATION, QUANTITY AND ELEVATION OF POWER AND TELEPHONE/DATA OUTLETS PRIOR TO INSTALLATION.

B. RECEPTACLES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH DEVICE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES.

C. ALL RECEPTACLES SPECIFIED FOR PERSONAL COMPUTERS, LASER PRINTERS AND SIMILAR TYPES OF EQUIPMENT SHALL BE PROVIDED WITH A SEPARATE NEUTRAL AND GROUND CONDUCTOR. THIS IS TO COMPENSATE FOR HARMONIC CURRENTS. SHARED NEUTRAL CONDUCTORS FOR THESE HOME RUNS ARE NOT PERMITTED, UNLESS OTHERWISE NOTED.

D. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT. ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.

E. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD, TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.

F. MECHANICAL EQUIPMENT IS LOCATED ABOVE THE HUNG CEILING UNLESS OTHERWISE NOTED. EXACT LOCATION SHALL BE DETERMINED FROM MECHANICAL DRAWINGS.

G. EXACT LOCATIONS FOR ALL FIRE SMOKE DAMPERS, MOTORIZED DAMPERS, DUCT MOUNTED SMOKE DETECTORS & MECHANICAL EQUIPMENT SHALL BE DETERMINED FROM THE MECHANICAL DRAWINGS. COORDINATE WITH MECHANICAL CONTRACTOR IN FIELD.

H. WHERE APPLICABLE, RUN 1" EMPTY CONDUIT TO NEAREST ACCESSIBLE HUNG CEILING WITH GROMMET END FITTINGS FOR TELEPHONE/DATA & PROVIDE DRAG LINES FOR PULLING CABLE.

I. COORDINATE THE HARDWARE REQUIREMENTS FOR THE DOORS WITH THE ARCHITECT & SECURITY CONSULTANT PRIOR TO INSTALLATION (I.E. ELECTRIC HINGES, CARD READERS, ELECTRIC STRIKES, MAGNETIC SWITCHES, POWER SUPPLIES, ETC.) PROVIDE A BACKBOX WITH 1" CONDUIT WITH DRAG LINES STUBBED UP ABOVE CEILING FOR ALL LOW VOLTAGE DEVICES SUCH AS CARD READERS, MAGNETIC LOCKS, ELECTRIC LOCKSET, ELECTRIC STRIKE, ETC.

J. ALL BRANCH CIRCUIT HOME RUNS SHALL BE 2#12 & 1#12 GND IN 3/4" CONDUIT OR MC CABLE TO PANEL & CIRCUIT INDICATED. MAXIMUM OF THREE HOME RUNS PER CONDUIT.

K. ELECTRICAL CONTRACTOR SHALL USE RIGID CONDUIT FOR BRANCH CIRCUITS LEAVING A PANEL OR DISTRIBUTION BOARD TO EITHER A TROUGH ABOVE OR A PULL BOX OUT IN THE CORRIDOR ABOVE A HUNG CEILING. MC CABLE OR BX CABLE SHALL NOT BE USED WHEN ROUTING FROM AN ELECTRICAL ROOM OR DEDICATED ELECTRICAL EQUIPMENT SPACE.

L. MULTIWIRE BRANCH CIRCUITS SUPPLYING POWER TO FURNITURE PARTITIONS SHALL BE PROVIDED WITH MEANS TO DISCONNECT POWER SIMULTANEOUSLY.

M. ELECTRICAL CONTRACTOR SHALL PROVIDE A BACKBOX AND 1" EMPTY CONDUIT WITH DRAG LINE FOR ALL IN-WALL WIRED KEYPADS AND TOUCHSCREENS. REFER TO LOW VOLTAGE DRAWINGS FOR EXACT LOCATIONS AND SPECIFICATIONS.

N. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS, PLUMBING DRAWINGS, AND COORDINATE WITH MECHANICAL CONTRACTOR AND PLUMBING CONTRACTOR FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT. PROVIDE DISCONNECT SWITCHES AND CIRCUITING SIZED PER THEIR EQUIPMENT SCHEDULES. HEAT TRACE CIRCUITS SHALL BE PROTECTED BY 30mA GROUND FAULT TYPE CIRCUIT BREAKERS. PROVIDE (3) FIRE ALARM MONITOR MODULES FOR EACH HEAT TRACE CONTROLLER SERVING SPRINKLER PIPES. PROVIDE (4) MONITOR MODULES FOR EACH DRY PIPE COMPRESSOR.

O. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH AUDIO/VISUAL, TELECOM, AND SECURITY DRAWINGS AND CONTRACTORS FOR ANY ADDITIONAL BACKBOX, CONDUIT, AND POWER REQUIREMENTS.

P. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE VOLTAGE, PHASE, AND HORSEPOWER OF ALL ELECTRICAL EQUIPMENT PURCHASED AND SUPPLIED TO THE SITE. ELECTRICAL CONTRACTOR SHALL SUPPLY FUSES OR CIRCUIT BREAKERS PER MANUFACTURER'S RECOMMENDATIONS WHERE NECESSARY.

Q. ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE TYPEWRITTEN PANEL SCHEDULE DIRECTORY AT PROJECT COMPLETION OF ALL CIRCUITS UTILIZED, IDENTIFYING THE LOADS THAT THEY ARE SERVING. IN ADDITION, ALL RECEPTACLE COVER PLATES SHALL BE LABELED WITH PANEL/CIRCUIT IDENTIFACTION FOR FUTURE REFERENCE.

R. ALL JUNCTION BOXES AND DISCONNECT SWITCH LOCATIONS SHALL BE COORDINATED IN THE FIELD. JUNCTION BOXES AND DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ABOVE CEILINGS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE FROM ACCESS PANELS. COORDINATE WITH MECHANICAL CONTRACTOR.

S. ELECTRICAL CONTRACTOR SHALL INSTALL ALL STARTERS, AND VARIABLE FREQUENCY DRIVES (FURNISHED BY MECHANICAL CONTRACTOR) AND PROVIDE CONDUIT AND WIRING TO AND FROM STARTERS AND VFDs TO MECHANICAL EQUIPMENT AND/OR ITS ASSOCIATED DISCONNECT SWITCHES. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS AND REQUIREMENTS.

T. ELECTRICAL CONTRACTOR SHALL INCLUDE IN BASE BID (2) 150', 20A, 120V CIRCUITS FROM NEAREST PANEL PER FLOOR FOR HVAC SYSTEM CONTROLS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS AND REQUIREMENTS.

U. ALL POWER AND LIGHTING CIRCUITS, AND LOW VOLTAGE CABLING (VOICE/DATA, FIRE ALARM, LIGHTING CONTROLS, AUDIO/VISUAL, HVAC CONTROLS, ETC.) ROUTED THROUGH EXPOSED CEILINGS SHALL BE IN EMT CONDUIT. COORDINATE INSTALLATION WITH OTHER TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EXPOSED CEILINGS.

V. ELECTRICAL CONTRACTOR SHALL PROVIDE (3) #12 WIRE IN 3/4" CONDUIT FROM DX SPLIT OUTDOOR AIR-COOLED CONDENSING UNITS TO DX SPLIT INDOOR UNITS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS AND REQUIREMENTS.

W. ELECTRICAL CONTRACTOR SHALL PROVIDE LOCKABLE DISCONNECT SWITCHES FOR ELEVATOR CONTROLLERS AND MOTORS. COORDINATE EXACT LOCATIONS WITH ELEVATOR CONTRACTOR.

X. WHERE RECEPTACLES SHOWN OUTDOORS CANNOT BE WALL MOUNTED, PROVIDE A RECEPTACLE BOLLARD, B-K LIGHTING #RB-18-RE1 (FINISH BY ARCHITECT).

Y. ALL RECEPTACLES 18"AFF AND ABOVE COUNTER SHALL HAVE WHITE COVER PLATES.

ELECTRICAL LIGHTING NOTES

A. FOR EXACT ELEVATION, LOCATION, QUANTITY AND SPECIFICATIONS OF LIGHTING FIXTURES AND SWITCHES COORDINATE WITH ARCHITECT.

B. LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH FIXTURE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES.

C. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.

D. SUBMIT SHOP DRAWINGS FOR ALL LIGHT FIXTURES FOR REVIEW AND APPROVAL PRIOR TO ORDERING ANY FIXTURES. FIXTURE FINISHES SHALL BE SELECTED BY THE ARCHITECT UPON RECEIPT OF SHOP DRAWINGS.

E. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITS EVENLY ON ALL PHASES.

F. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.

G. ALL LIGHTING FIXTURES UTILIZING ELECTRONIC BALLASTS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL OR AN OVERSIZED NEUTRAL WHEN SHARED.

H. ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH DEDICATED NEUTRAL CONDUCTOR.

I. ALL NIGHT LIGHTS AND STAIR LIGHTS SHALL BE UNSWITCHED AND CIRCUITED DIRECTLY TO ASSOCIATED ELECTRICAL PANELS, U.O.N.

J. BRANCH CIRCUIT BREAKERS FEEDING STAIR LIGHTS SHALL BE LOCKED IN "ON" POSITION.

K. ALL LIGHT FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH INTEGRAL BATTERY BACK UP DRIVER CAPABLE OF FULL LIGHT OUTPUT FOR MINIMUM 90 MINUTES.

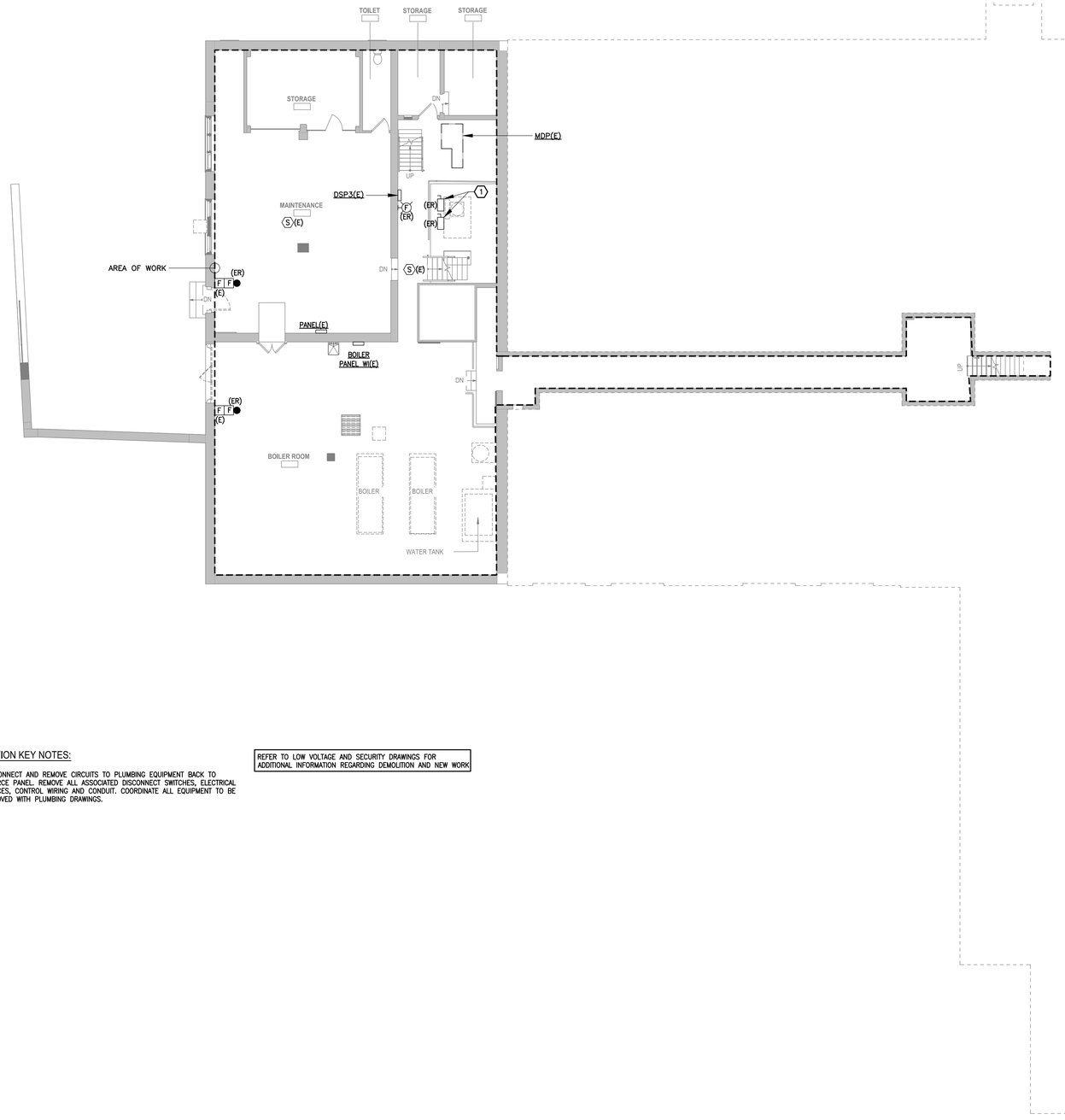
L. ELECTRICAL CONTRACTOR SHALL PROVIDE A FIRE RATED BARRIER (CONTRAST LIGHTING #FRB2) FOR ALL RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILINGS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

M. EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELLS AND TIMECLOCKS WITH A MANUAL OVERRIDE SWITCHES LOCATED IN ELECTRICAL ROOMS.

N. REFER TO ARCHITECTURAL CIVIL, INTERIOR DESIGNER, AND LANDSCAPE DRAWINGS FOR LIGHTING LAYOUTS, AND LIGHTING FIXTURE SCHEDULE. THEIR DRAWINGS SHALL SUPERSEDE THE LIGHTING LAYOUTS ON THESE DRAWINGS. ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUITING AS REQUIRED BASED ON THEIR LAYOUTS.

O. EACH LIGHT FIXTURE TYPE SHALL BE ON A SEPARATE DIMMER SWITCH (Vla +LIGHT DIMMING POWER PACKS). DIMMING ZONES ARE DENOTED BY 'Z#' NEXT TO EACH FIXTURE AND SWITCH (Z1, Z2, Z3, ETC.)

P. PROVIDE ON-SITE VISITS BY CONTROL SYSTEM VENDOR'S APPLICATION ENGINEER AND SYSTEMS PROGRAMM



DEMOLITION SHEET NOTES:

1. REFER TO DEMOLITION NOTES ON DRAWING E-002 FOR ADDITIONAL INFORMATION.
2. MAINTAIN ALL EXISTING LIGHTING FIXTURES AND CONTROLS.
3. MAINTAIN ALL EXISTING FIRE ALARM APPLIANCES AND DEVICES, U.O.N. BY (ER). ELECTRICAL CONTRACTOR SHALL VERIFY IN FIELD TO MAINTAIN CONTINUITY OF EXISTING FIRE ALARM LOOPS. FIRE ALARM DEMOLITION SHALL BE COORDINATED WITH BASE BUILDING FIRE ALARM VENDOR. ALL EXISTING DEVICES SHALL BE PROTECTED AND MAINTAINED DURING DEMOLITION AND CONSTRUCTION. ANY SMOKE/HEAT DETECTORS OR OTHER CEILING MOUNTED DEVICES IMPACTED BY NEW CEILING WORK SHALL BE REINSTALLED BY ELECTRICAL CONTRACTOR TO NEW CEILINGS.
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DEMOLITION KEY NOTES:

1. DISCONNECT AND REMOVE CIRCUITS TO PLUMBING EQUIPMENT BACK TO SOURCE PANEL. REMOVE ALL ASSOCIATED DISCONNECT SWITCHES, ELECTRICAL DEVICES, CONTROL WIRING AND CONDUIT. COORDINATE ALL EQUIPMENT TO BE REMOVED WITH PLUMBING DRAWINGS.

REFER TO LOW VOLTAGE AND SECURITY DRAWINGS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION AND NEW WORK

ELECTRICAL DEMOLITION PLAN - SUB-BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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BUILDING TECHNOLOGY CONSULTING LLC
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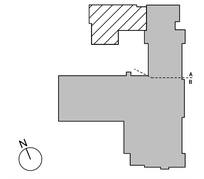
BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX
MEMASI PROJECT NO. 101-2403

ELECTRICAL DEMOLITION PLAN - SUB-BASEMENT

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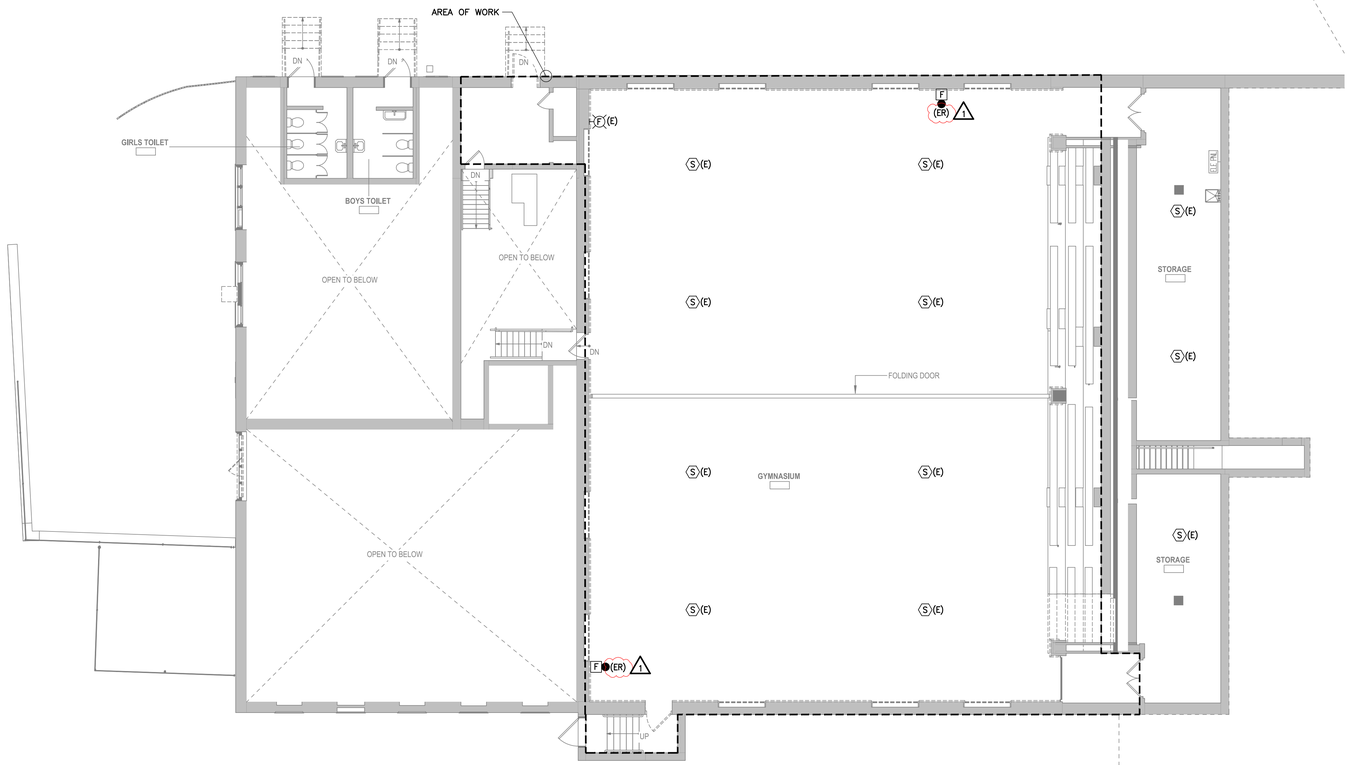

DEMOLITION SHEET NOTES:

1. REFER TO DEMOLITION NOTES ON DRAWING E-002 FOR ADDITIONAL INFORMATION.
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ELECTRICAL DEMOLITION PLAN - BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUE	DATE
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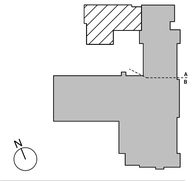

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MEMASI PROJECT NO. 101-2403

ELECTRICAL DEMOLITION PLAN - BASEMENT

ED101

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REFER TO LOW VOLTAGE AND SECURITY DRAWINGS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION AND NEW WORK

DEMOLITION KEY NOTES:

1. ALL EXISTING ELEVATOR EQUIPMENT IS EXISTING TO REMAIN. REFER TO POWER RISER DIAGRAM FOR ADDITIONAL INFORMATION.
2. EXISTING FIRE ALARM HEAD END EQUIPMENT TO BE REMOVED AND REPLACED WITH NEW AS PART OF NEW WORK. EXISTING FIRE ALARM LOOP AND APPLIANCES ARE TO BE MAINTAINED AND TIED OVER TO THE NEW FIRE ALARM HEAD END EQUIPMENT.

DEMOLITION SHEET NOTES:

1. REFER TO DEMOLITION NOTES ON DRAWING E-002 FOR ADDITIONAL INFORMATION.
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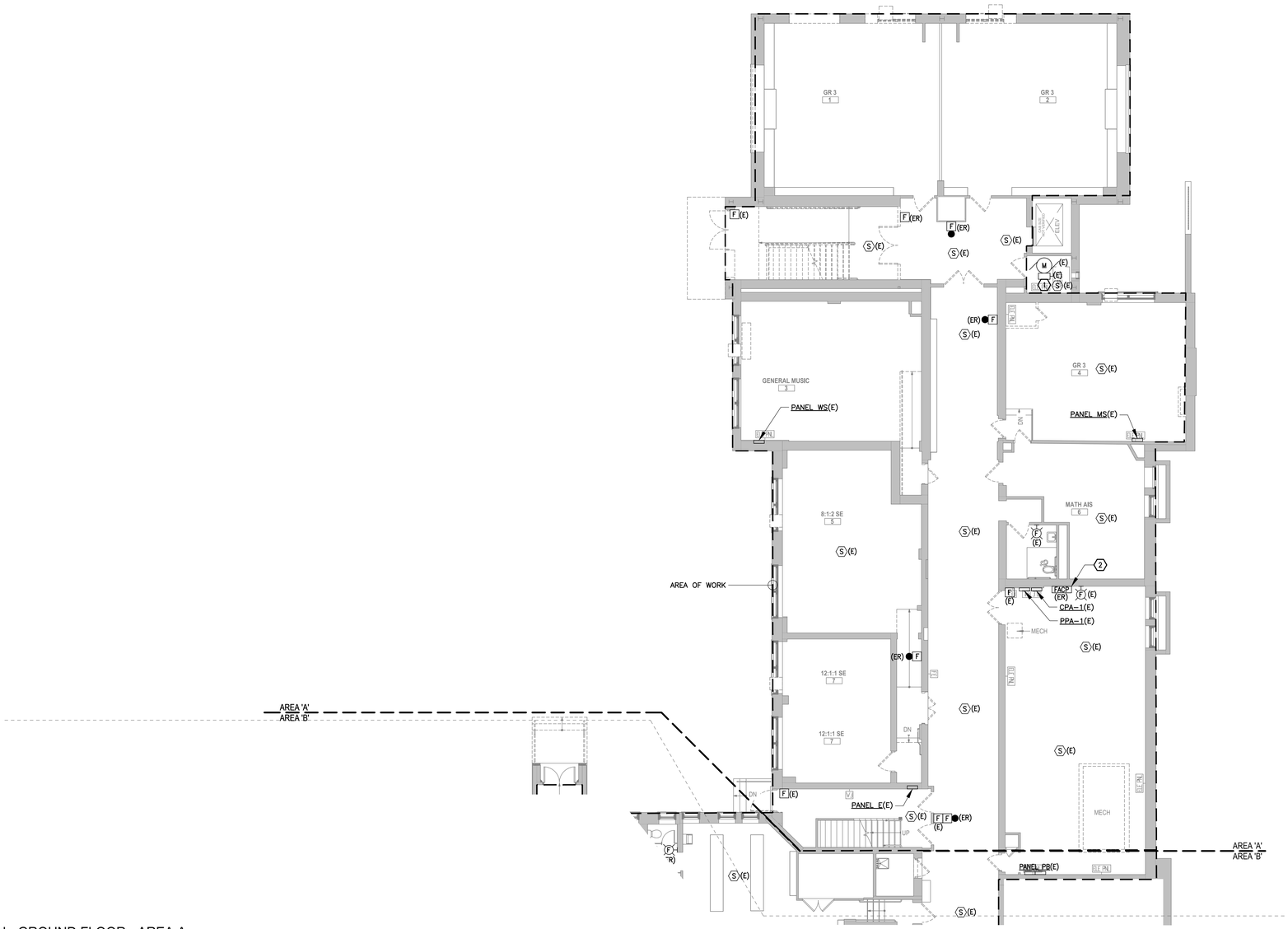
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GENERAL MUSIC
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12:1:1 SE
7
MECH
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PANEL MS(E)
PANEL E(E)
PANEL PB(E)
CPA-1(E)
PPA-1(E)
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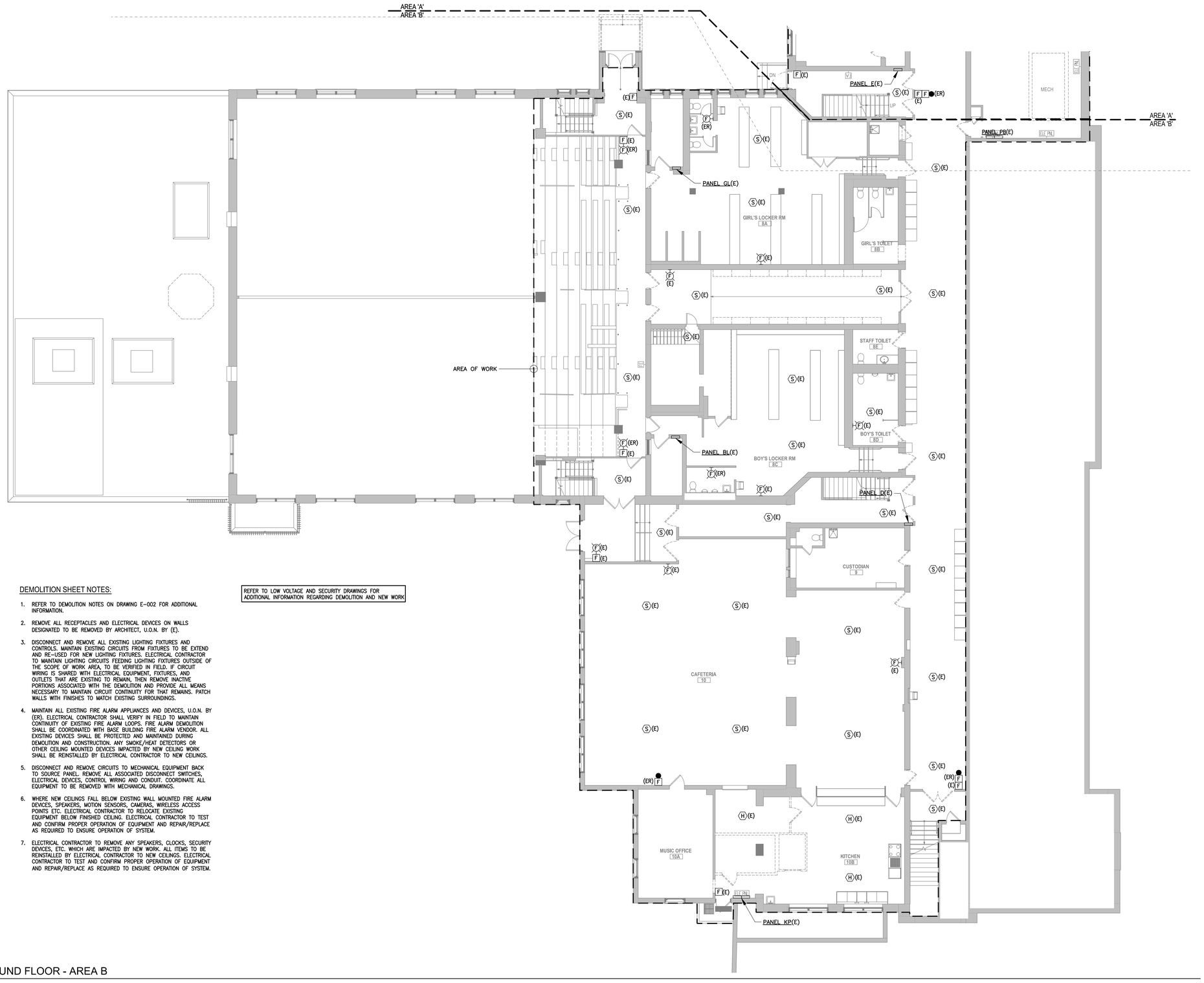

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ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA B
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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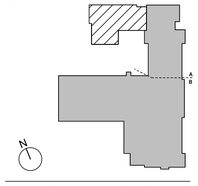
KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL DEMOLITION PLAN - GROUND FLOOR - AREA B

ED102-B

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REFER TO LOW VOLTAGE AND SECURITY DRAWINGS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION AND NEW WORK

DEMOLITION KEYNOTES:

1. DISCONNECT AND REMOVE ALL RECEPTACLES IN THIS ROOM. REMOVE CONDUIT AND WIRE BACK TO SOURCE PANEL.

DEMOLITION SHEET NOTES:

1. REFER TO DEMOLITION NOTES ON DRAWING E-002 FOR ADDITIONAL INFORMATION.
2. REMOVE ALL RECEPTACLES AND ELECTRICAL DEVICES ON WALLS DESIGNATED TO BE REMOVED BY ARCHITECT, U.O.N. BY (E).
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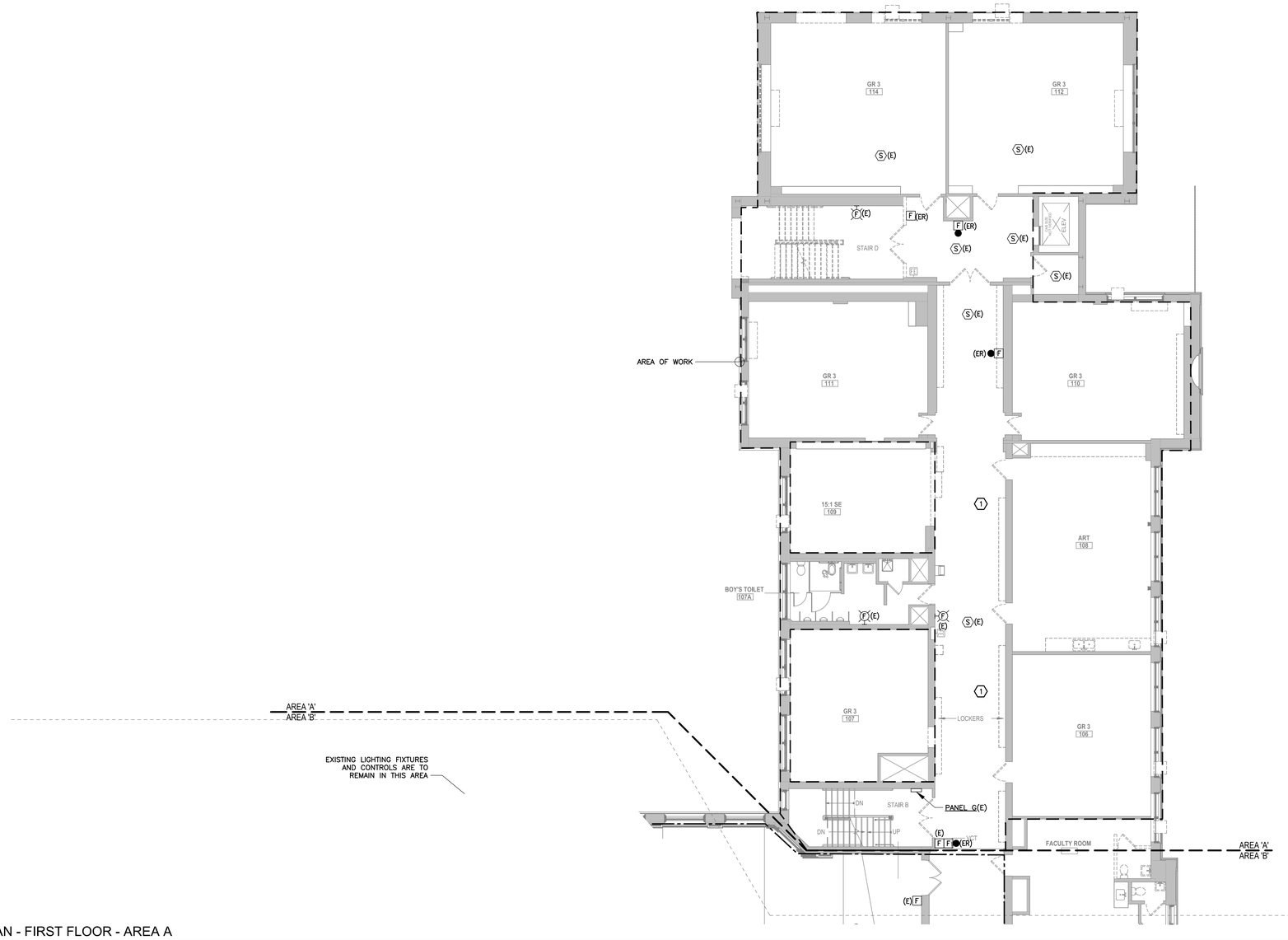

ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA A

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PUBLIC SCHOOLS OF THE TARRYTOWNS

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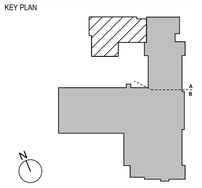

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MEMASI PROJECT NO.	101-2403

ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA A

ED103-A

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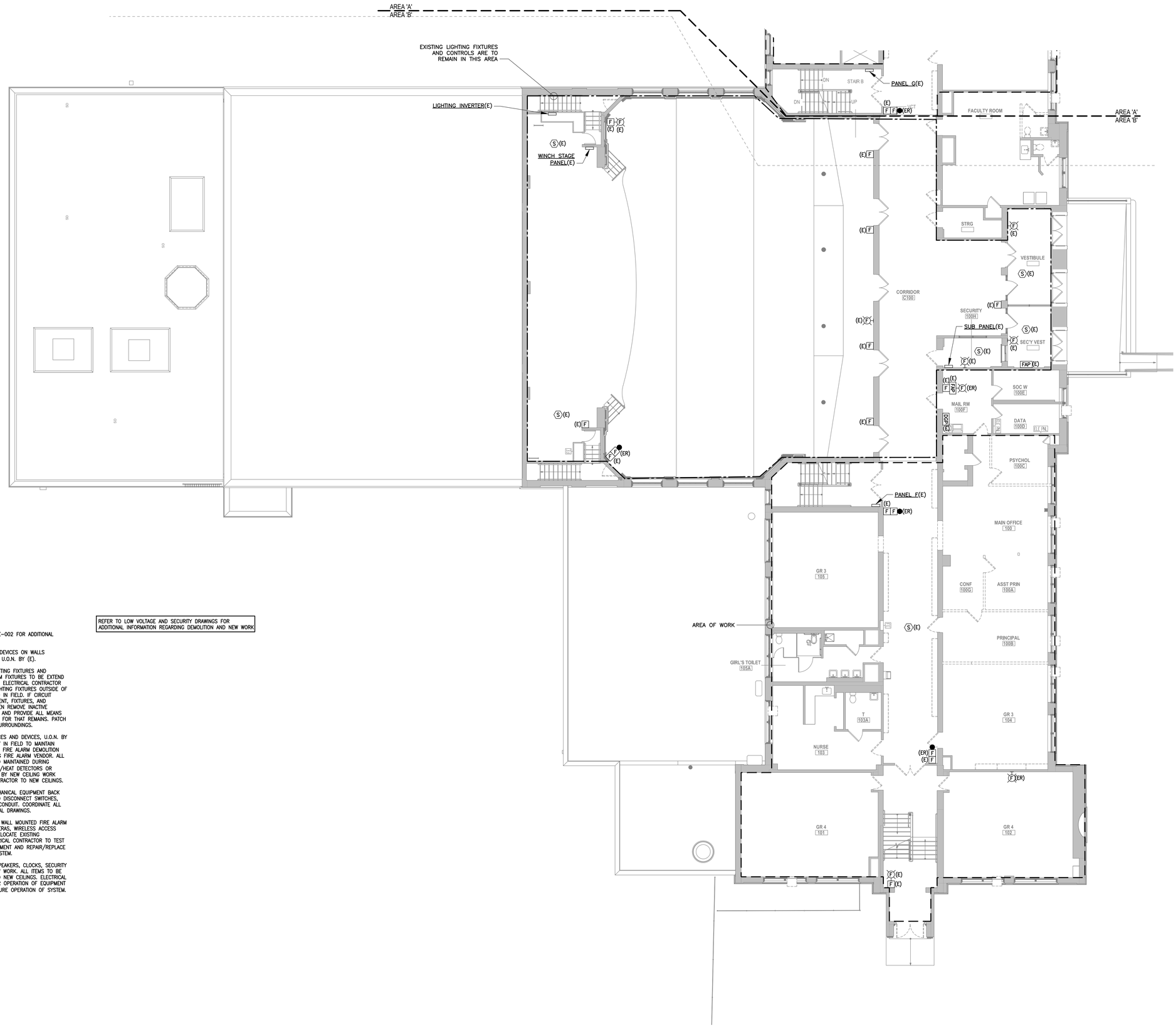

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ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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BUILDING TECHNOLOGY CONSULTING LLC
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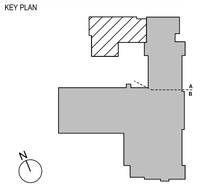
BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

ELECTRICAL DEMOLITION PLAN - FIRST FLOOR - AREA B

ED103-B

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REFER TO LOW VOLTAGE AND SECURITY DRAWINGS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION AND NEW WORK

DEMOLITION SHEET NOTES:

1. REFER TO DEMOLITION NOTES ON DRAWING E-002 FOR ADDITIONAL INFORMATION.
2. REMOVE ALL RECEPTACLES AND ELECTRICAL DEVICES ON WALLS DESIGNATED TO BE REMOVED BY ARCHITECT, U.O.N. BY (E).
3. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND CONTROLS. MAINTAIN EXISTING CIRCUITS FROM FIXTURES TO BE EXTEND AND RE-USED FOR NEW LIGHTING FIXTURES. ELECTRICAL CONTRACTOR TO MAINTAIN LIGHTING CIRCUITS FEEDING LIGHTING FIXTURES OUTSIDE OF THE SCOPE OF WORK AREA, TO BE VERIFIED IN FIELD. IF CIRCUIT WIRING IS SHARED WITH ELECTRICAL EQUIPMENT, FIXTURES, AND OUTLETS THAT ARE EXISTING TO REMAIN, THEN REMOVE INACTIVE PORTIONS ASSOCIATED WITH THE DEMOLITION AND PROVIDE ALL MEANS NECESSARY TO MAINTAIN CIRCUIT CONTINUITY FOR THAT REMAINS. PATCH WALLS WITH FINISHES TO MATCH EXISTING SURROUNDINGS.
4. MAINTAIN ALL EXISTING FIRE ALARM APPLIANCES AND DEVICES, U.O.N. BY (ER). ELECTRICAL CONTRACTOR SHALL VERIFY IN FIELD TO MAINTAIN CONTINUITY OF EXISTING FIRE ALARM LOOPS. FIRE ALARM DEMOLITION SHALL BE COORDINATED WITH BASE BUILDING FIRE ALARM VENDOR. ALL EXISTING DEVICES SHALL BE PROTECTED AND MAINTAINED DURING DEMOLITION AND CONSTRUCTION. ANY SMOKE/HEAT DETECTORS OR OTHER CEILING MOUNTED DEVICES IMPACTED BY NEW CEILING WORK SHALL BE REINSTALLED BY ELECTRICAL CONTRACTOR TO NEW CEILINGS.
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6. WHERE NEW CEILINGS FALL BELOW EXISTING WALL MOUNTED FIRE ALARM DEVICES, SPEAKERS, MOTION SENSORS, CAMERAS, WIRELESS ACCESS POINTS ETC. ELECTRICAL CONTRACTOR TO RELOCATE EXISTING EQUIPMENT BELOW FINISHED CEILING. ELECTRICAL CONTRACTOR TO TEST AND CONFIRM PROPER OPERATION OF EQUIPMENT AND REPAIR/REPLACE AS REQUIRED TO ENSURE OPERATION OF SYSTEM.
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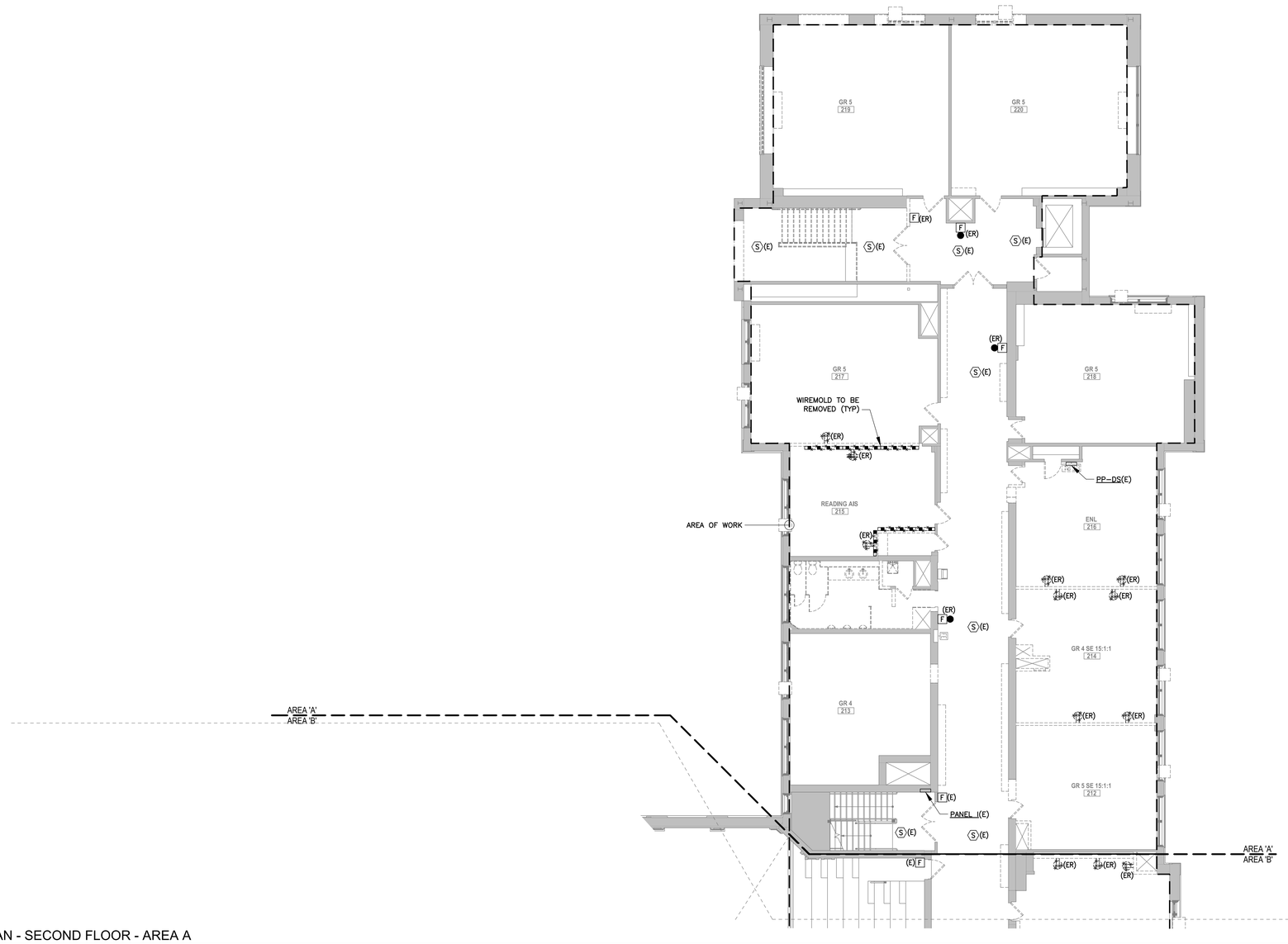

ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA A
1/8" = 1'-0"

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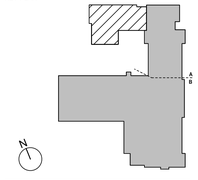

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ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA A

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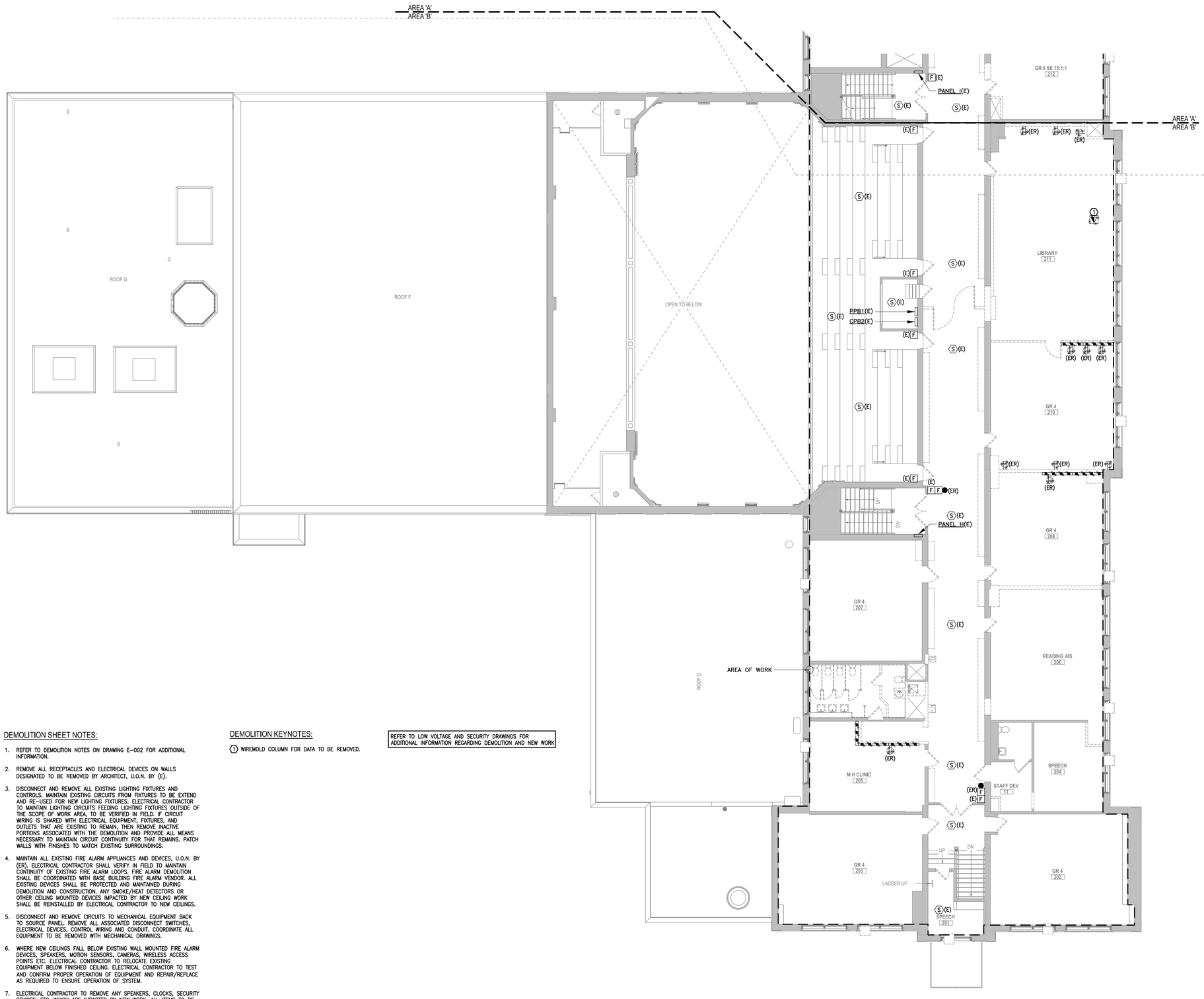

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DEMOLITION KEYNOTES:

(T) WIREMOLD COLUMN FOR DATA TO BE REMOVED.

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1/8" = 1'-0"

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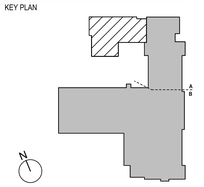

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ELECTRICAL DEMOLITION PLAN - SECOND FLOOR - AREA B

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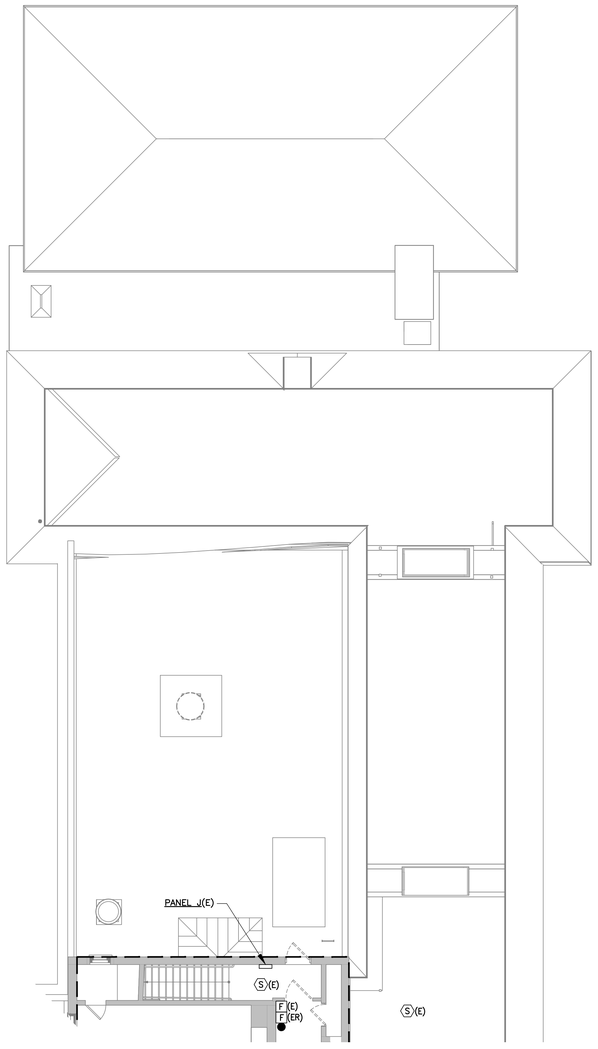
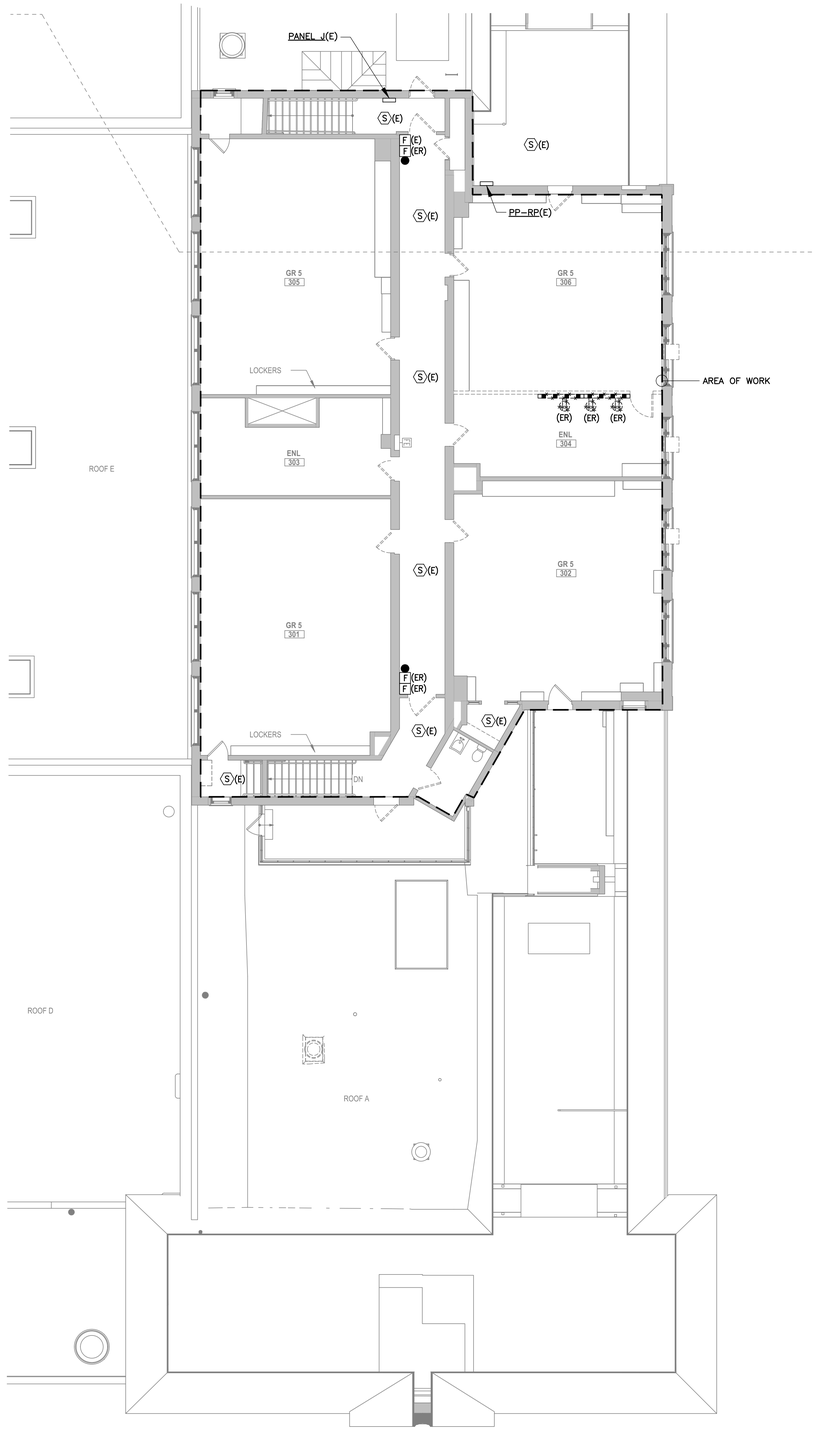


AREA A



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ELECTRICAL DEMOLITION PLAN - THIRD FLOOR
1/8" = 1'-0"

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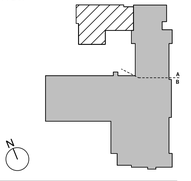

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ELECTRICAL DEMOLITION PLAN - THIRD FLOOR

ED105

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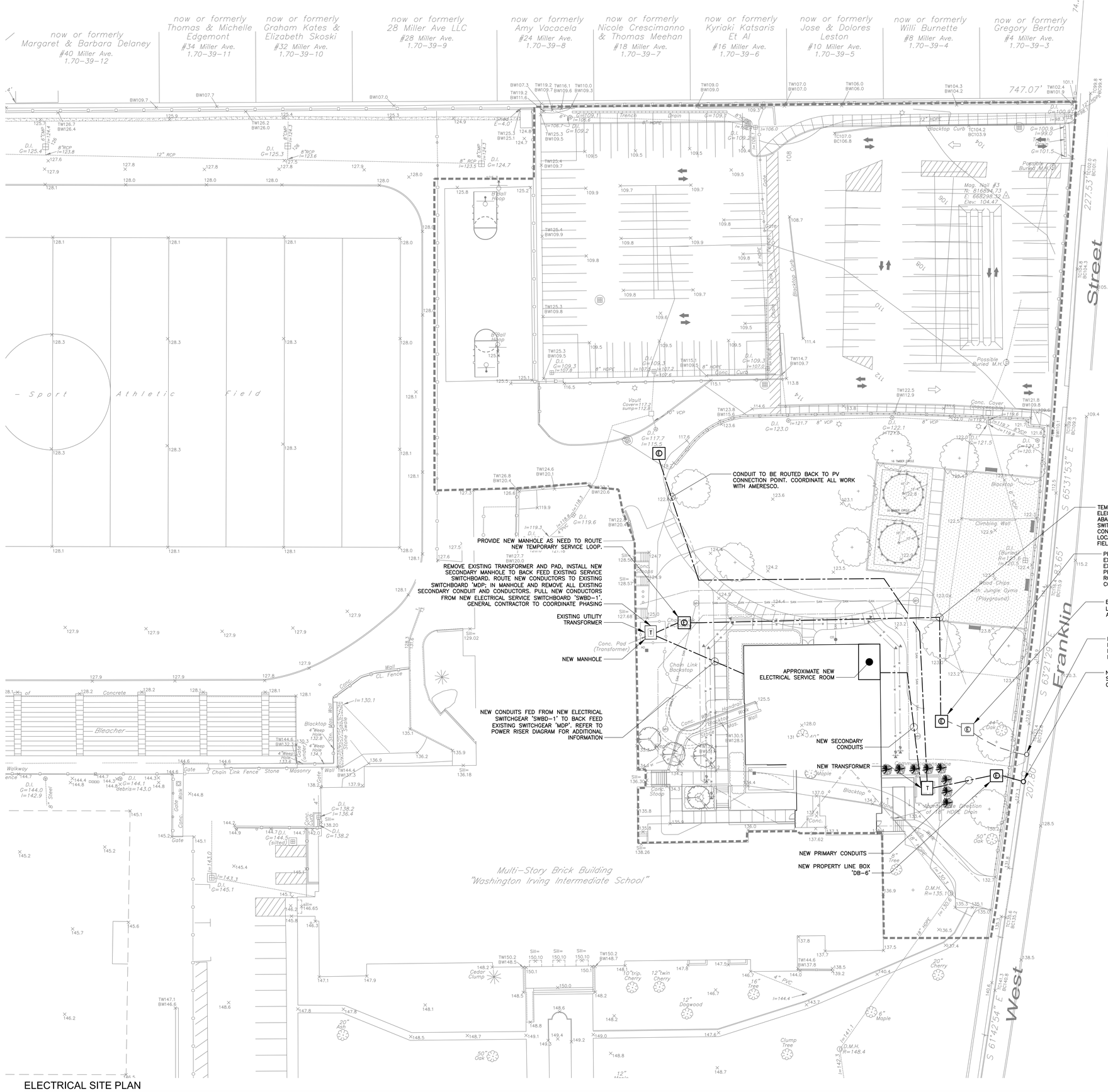

ELECTRICAL SITE PLAN

1" = 20'-0"

ELECTRICAL UTILITY COORDINATION NOTES:

1. TEMPORARY ELECTRICAL SERVICE:

1.1. THE ELECTRICAL CONTRACTOR SHALL INTERCEPT AND SPLICE THE EXISTING UTILITY SERVICE PRIMARY FEEDERS FROM THE EXISTING MANHOLE AND ROUTE A NEW TEMPORARY PRIMARY ELECTRICAL SERVICE BACK TO THE EXISTING UTILITY TRANSFORMER. PROVIDE A NEW MANHOLE WHERE THE EXISTING MANHOLE IS NOT ADEQUATE TO PERFORM REQUIRED SPLICING OF THE EXISTING UTILITY FEEDERS.

1.2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT ROUTING OF THE NEW TEMPORARY PRIMARY SERVICE IN THE FIELD AND PROVIDE ADDITIONAL MANHOLES AS REQUIRED TO COMPLETE ROUTING AROUND THE FOOTPRINT OF THE NEW ADDITION, AVOIDING ALL EXISTING AND NEW BUILDING SERVICES.

1.3. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE EXISTING SERVICE CONDUCTORS AND CONDUITS AND PROVIDE NEW CONDUCTORS AND CONDUITS OF LIKE TYPE, SIZE, AND MATERIAL TO BE ROUTED TO THE PRIMARY SIDE OF THE EXISTING UTILITY TRANSFORMER.

1.4. THE ELECTRICAL CONTRACTOR SHALL CONNECT THE NEW TEMPORARY PRIMARY SERVICE CONDUCTORS TO THE EXISTING TRANSFORMER AND SPLICE THE EXISTING PRIMARY FEEDERS IN ORDER TO BACKFEED THE SCHOOL.

1.5. THE EXISTING TEMPORARY ELECTRICAL SERVICE LOOP SHALL REMAIN ACTIVE UNTIL THE NEW SWITCHGEAR AND DISTRIBUTION SYSTEM ARE FULLY INSTALLED, ENERGIZED, AND OPERATIONAL. THE TEMPORARY SERVICE SHALL THEN BE ABANDONED IN PLACE ONCE THE NEW PERMANENT SERVICE IS ACTIVE.

2. NEW ELECTRICAL SERVICE:

2.1. CON EDISON SHALL PROVIDE A NEW UTILITY POLE ON FRANKLIN STREET AND ROUTE NEW PRIMARY SERVICE DOWN THE UTILITY POLE AND INTO A NEW CON EDISON SPECIFIED UTILITY MANHOLE. COORDINATE EXACT POLE AND MANHOLE LOCATIONS WITH CON EDISON. ELECTRICAL CONTRACTOR SHALL PROVIDE THE NEW MANHOLE FOR CON EDISON PRIMARY FEEDER TERMINATIONS.

2.2. THE ELECTRICAL CONTRACTOR SHALL ROUTE NEW PRIMARY SERVICE CONDUCTORS FROM THE NEW UTILITY MANHOLE TO THE TRANSFORMER.

2.3. THE ELECTRICAL CONTRACTOR SHALL ROUTE TRANSFORMER SECONDARY FEEDERS TO THE NEW ELECTRICAL ROOM AND TERMINATE INTO THE NEW SWITCHGEAR.

2.4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW CONDUIT AND FEEDERS FROM THE NEW ELECTRICAL ROOM TO BACKFEED THE EXISTING SWITCHGEAR. ROUTE NEW FEEDERS FROM THE NEW ELECTRICAL ROOM THROUGH THE BASEMENT OF THE NEW ADDITION, EXITING THE BUILDING AND EXTENDING TO THE EXISTING TRANSFORMER LOCATION.

2.5. CON EDISON SHALL REMOVE THE EXISTING TRANSFORMER. COORDINATE THE SERVICE SWITCHOVER WITH CON EDISON. PROVIDE A NEW MANHOLE AT THE EXISTING TRANSFORMER LOCATION FOR ROUTING NEW CONDUCTORS.

2.6. REFER TO CONDUIT AND FEEDER SIZES AND ANY OTHER ADDITIONAL INFORMATION ON THE POWER RISER DIAGRAM DRAWING, E-501.

3. SHUTDOWNS:

3.1. COORDINATE ALL SHUTDOWNS AND TIE OVERS WITH CON EDISON AND BUILDING MANAGEMENT.

ELECTRICAL SITE LIGHTING PLAN NOTES:

1. REFER TO CIVIL UTILITY DRAWINGS FOR ELECTRICAL UTILITY PRIMARY AND SECONDARY SERVICE DISTRIBUTION AND EQUIPMENT. ALSO REFER TO ELECTRICAL POWER RISER DIAGRAM FOR ADDITIONAL INFORMATION.
2. ELECTRICAL CONTRACTOR SHALL REFER TO LANDSCAPE SITE PLAN FOR EXACT LOCATIONS AND SPECIFICATIONS OF LIGHT FIXTURES.
3. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT ROUTING OF CONDUITS IN FIELD DURING CONSTRUCTION. REFER TO CIVIL DRAWINGS FOR APPROXIMATE CONDUIT ROUTING.
4. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL AND DIGITAL TIME CLOCK. PROVIDE RELAY CONTACTOR PANEL AS REQUIRED. COORDINATE EXACT TIME SETTING WITH OWNER.
5. ALL EXTERIOR POWER AND LIGHTING CIRCUIT SHALL BE A MINIMUM OF 2#8 + 1#10 GND IN 1-1/2" PVC CONDUIT. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE DROP OF CIRCUITS IN FIELD AND MAINTAIN 2% MAX VOLTAGE DROP.
6. ALL CONDUIT SHALL BE SCHEDULE 40 PVC AND BURIED 24" MINIMUM BELOW GRADE, U.O.N. UTILITY SERVICE PRIMARY AND SECONDARY CONDUIT SHALL BE RIGID GALVANIZED STEEL CONDUITS PER CON ED REQUIREMENTS.
7. TRENCHING FOR CONDUITS SHALL BE KEPT TO A MINIMUM WIDTH TO ACCOMMODATE ONLY THE NUMBER OF CONDUITS REQUIRED. A RED CAUTION TAPE SHALL BE PLACED ALONG THE LENGTH OF THE TRENCH AT A MINIMUM OF 6'-10" BELOW FINISHED GRADE BUT NO CLOSER THAN 12" TO THE BURIED CONDUITS. UNDERGROUND-TYPE PLASTIC LINE MAKER NOT LESS THAN 6 WIDE AND 4 MILS THICK.
8. MATERIAL FOR BACKFILLING SHALL BE EARTH MATERIALS ENTIRELY FREE FROM VEGETATION, TRASH, LUMBER, AND FROZEN, SOFT OR ORGANIC MATERIALS. NO STONES OR ROCK LARGER THAN 1" WILL BE PERMITTED IN THE FILL.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE HAND HOLES EVERY 200' SIZED PER NEC. NO MORE THAN (4) 90 DEGREE BENDS SHALL BE ALLOWED WITHOUT A HANDHOLE. ALL HANDHOLES SHALL BE H-20 RATED IN DRIVABLE AREAS. ELECTRICAL HANDHOLES SHALL HAVE A COVER PLATE READING "ELECTRIC" WITH CIRCUIT DESIGNATION INDICATED INSIDE.
10. REFER TO ELECTRICAL GROUND LEVEL LIGHTING PLAN FOR EXTERIOR BUILDING MOUNTED LIGHTING.
11. COORDINATE ALL PV INSTALLATION REQUIREMENTS WITH AMERESCO AND SITE CIVIL ENGINEERS.

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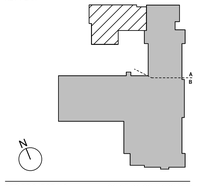

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ELECTRICAL SITE PLAN

E099

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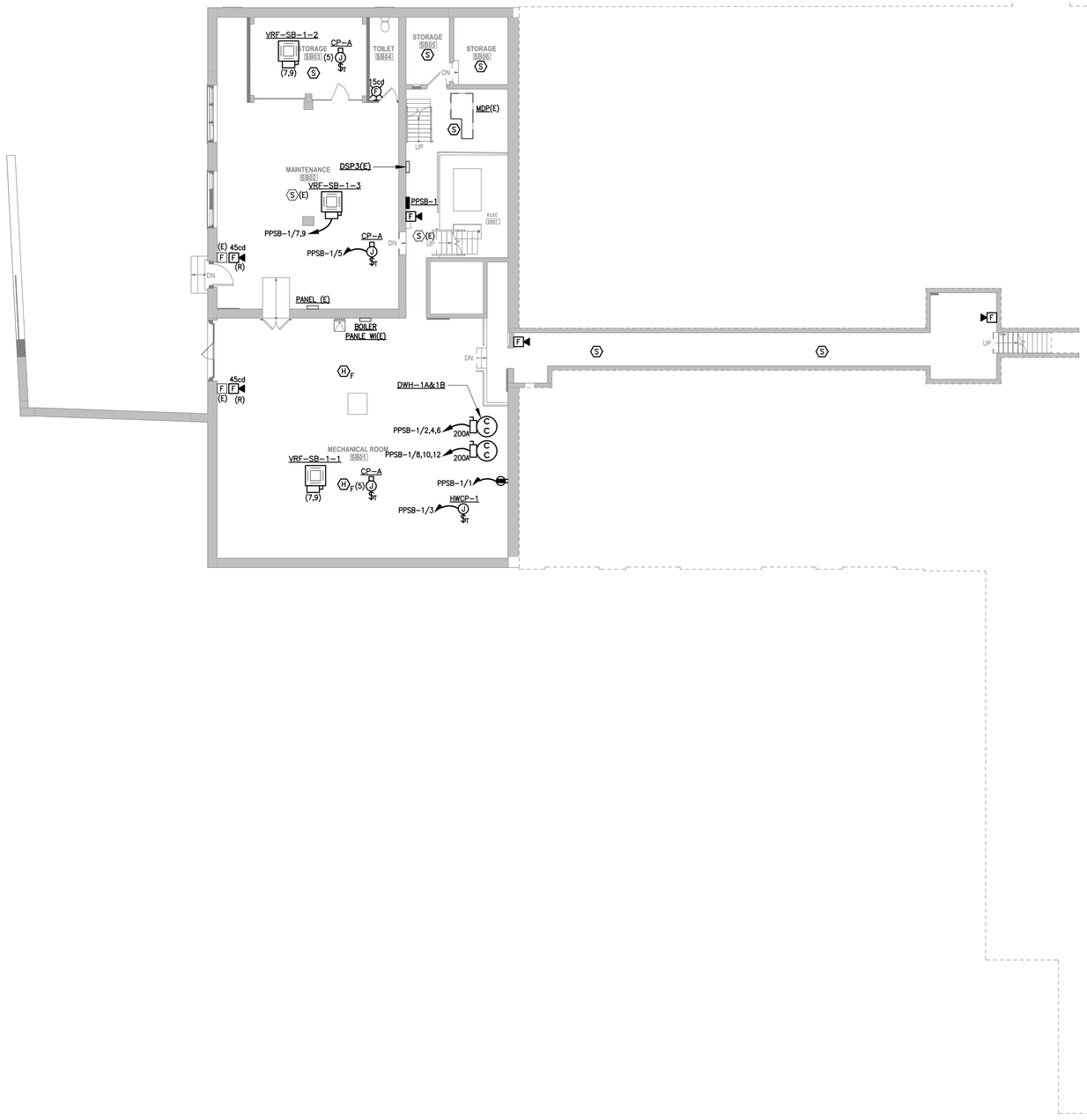
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.



ELECTRICAL POWER PLAN - SUB-BASEMENT
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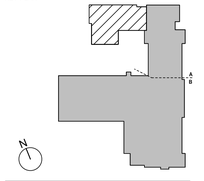
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PLAN - SUB-BASEMENT

E100

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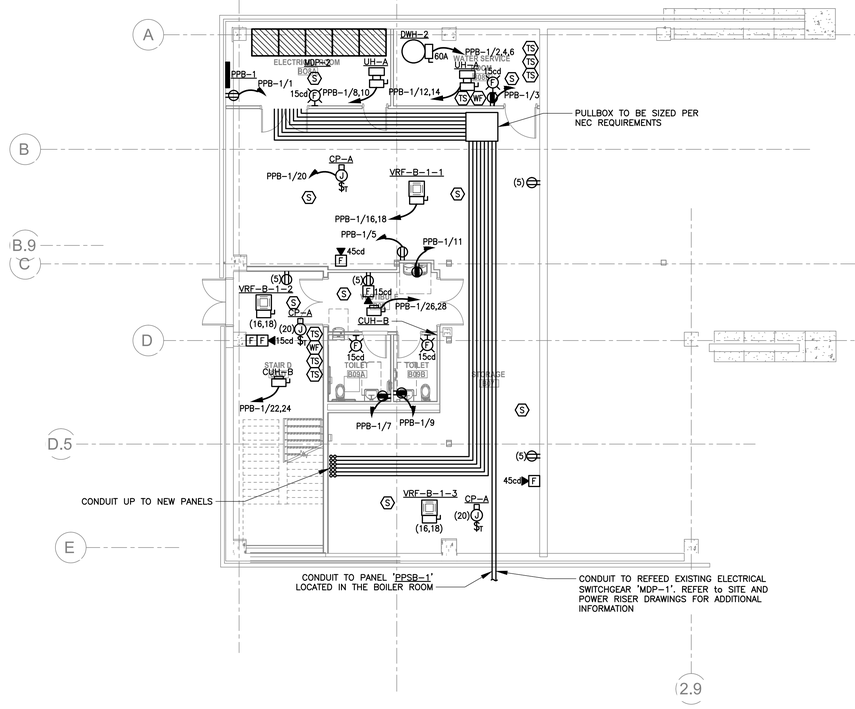
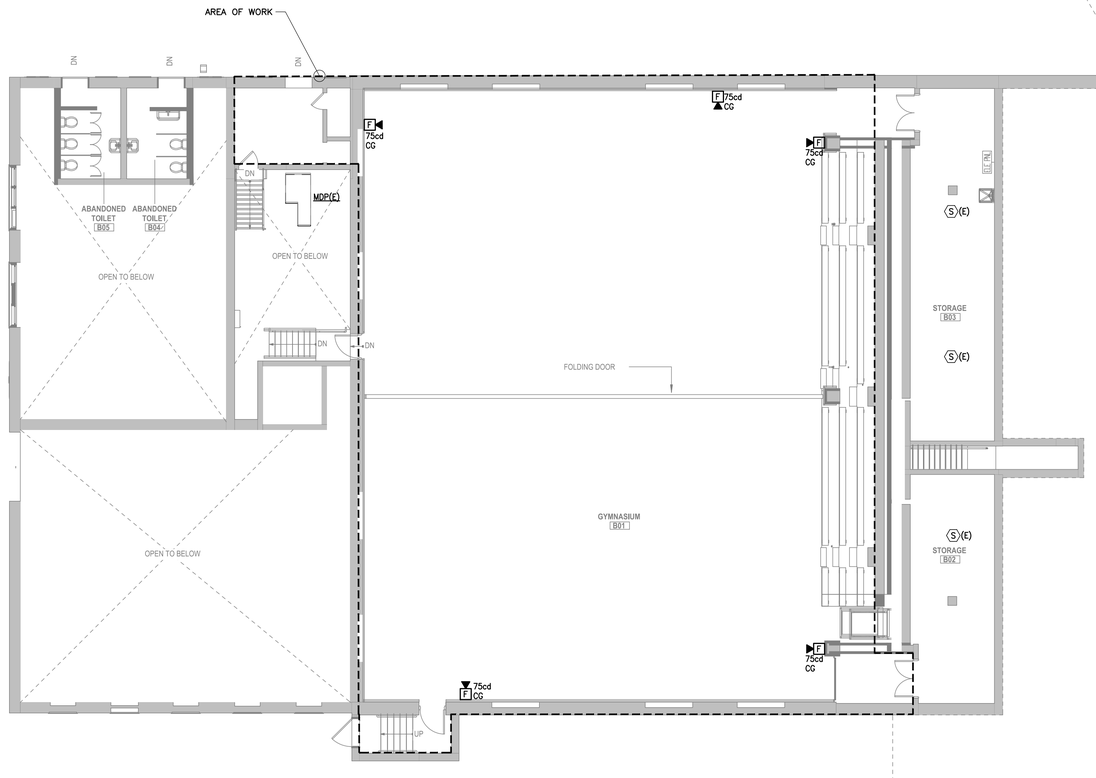
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.





ELECTRICAL POWER PLAN - BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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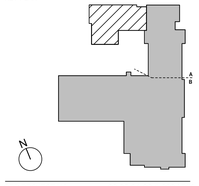

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MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PLAN - BASEMENT

E101

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POWER PLAN NOTES:

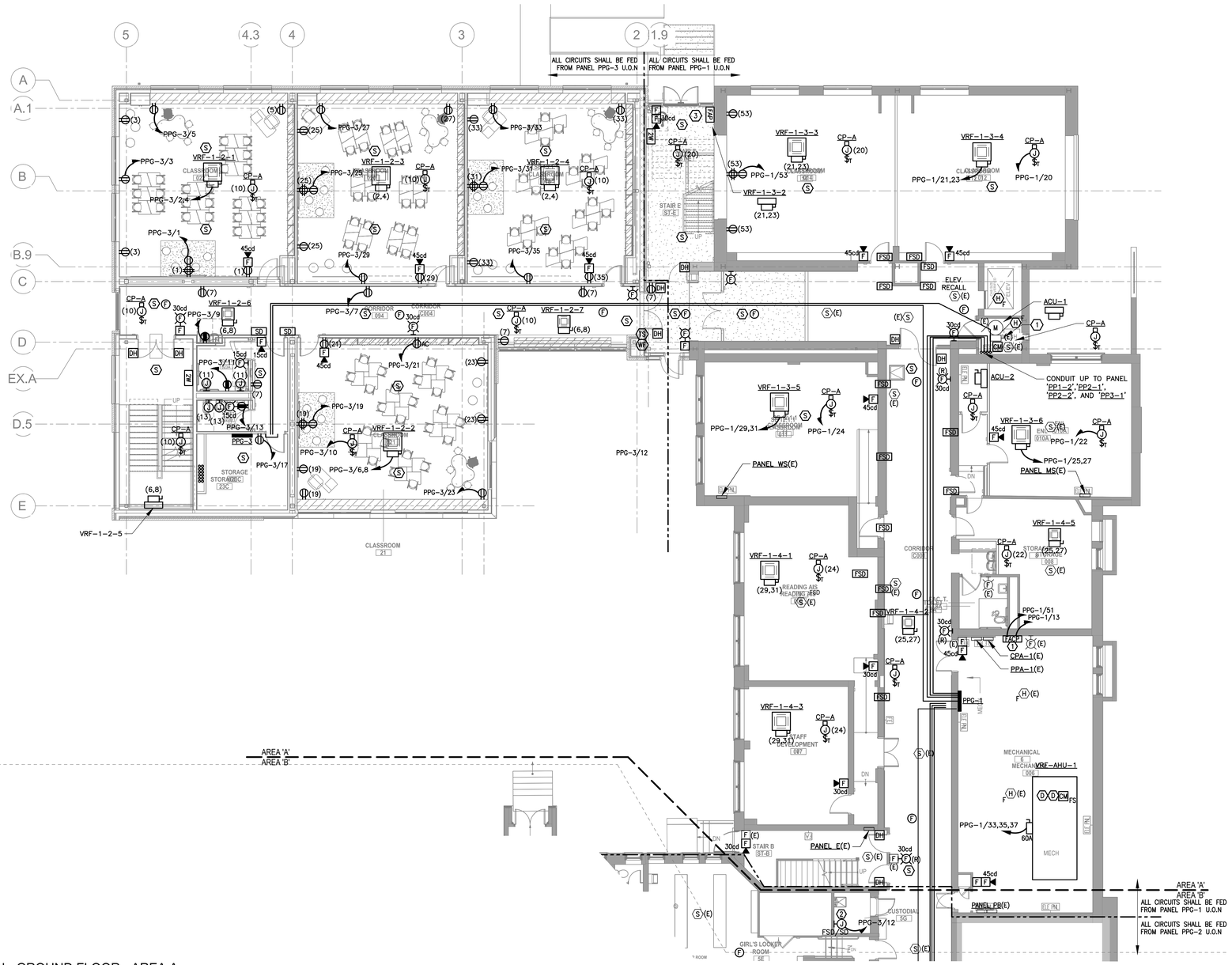
1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.

POWER PLAN KEY NOTES:

(1) PROVIDE VOICE CAPABLE EDWARDS EST4 ALARM CONTROL PANEL AT INDICATED LOCATION TO REPLACE EXISTING EST3. TIE ALL EXISTING INITIATING AND NOTIFICATION FIELD DEVICES AND CIRCUITS THAT ARE INDICATED TO REMAIN INTO THE NEW EDWARDS EST4 FIRE ALARM CONTROL PANEL. ALL NEW ADDITION AREA DEVICES TO BE TIED INTO THE NEW EDWARDS EST4 FIRE ALARM CONTROL PANEL. CONTACT NICHOLAS DELFICIO FROM EVERON SOLUTIONS (914)-403-2697 FOR ADDITIONAL COORDINATION.

(2) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

(3) REPLACE EXISTING ANNUNCIATOR PANEL WITH NEW EDWARDS EST4 REMOTE LCD ANNUNCIATOR. PROVIDE ADJACENT TO PANEL A FRAMED GRAPHIC PLAN OF BUILDING WITH FIRE ALARM EQUIPMENT IN ACCORDANCE WITH NYS-SED REQUIREMENTS APPROVED BY THE LOCAL FIRE MARSHALL.



ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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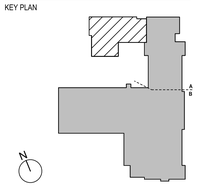

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ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA A

E102-A

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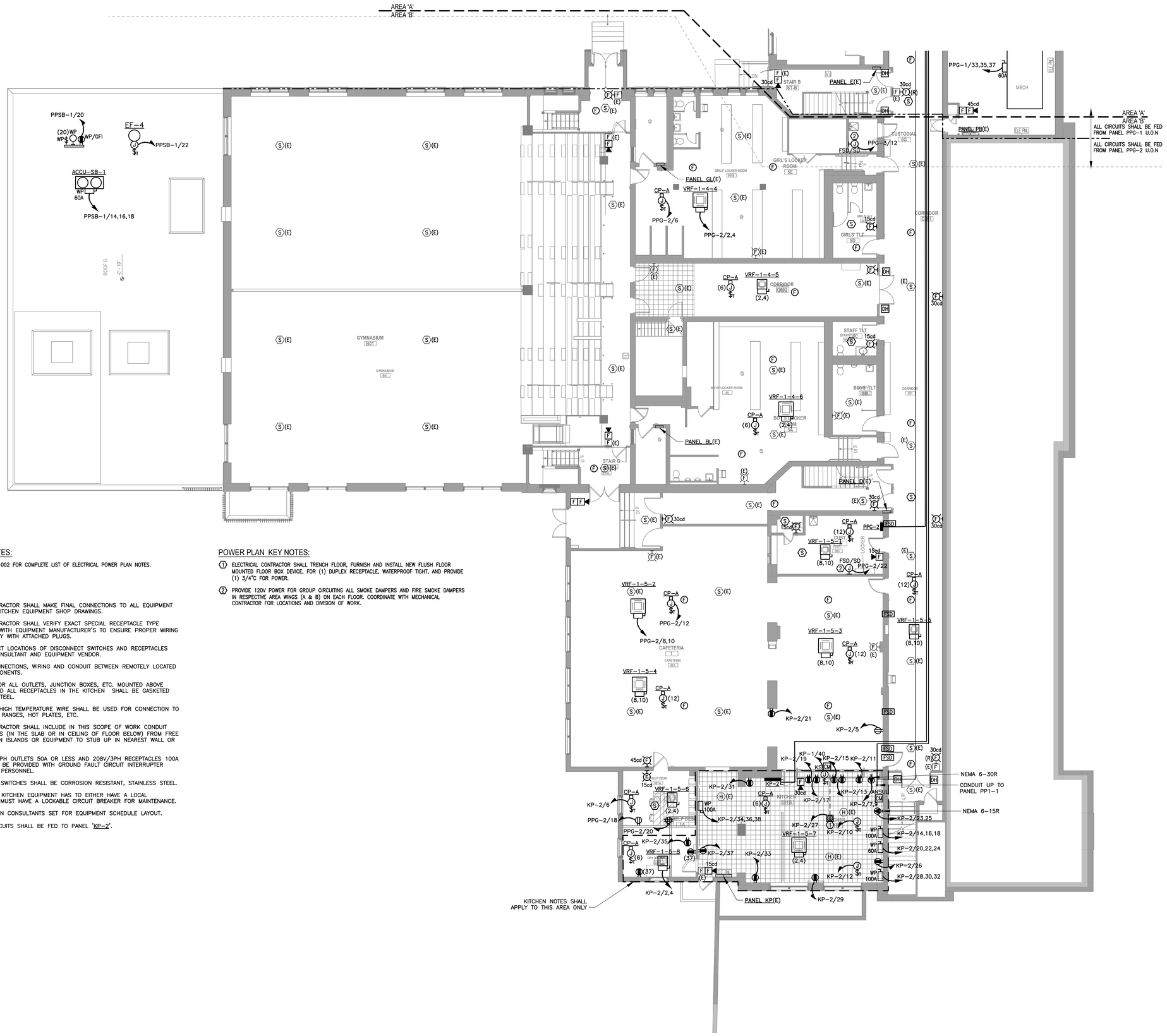

POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.

KITCHEN NOTES:

1. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT PER APPROVED KITCHEN EQUIPMENT SHOP DRAWINGS.
2. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT SPECIAL RECEPTACLE TYPE CONFIGURATIONS WITH EQUIPMENT MANUFACTURER'S TO ENSURE PROPER WIRING AND COMPATIBILITY WITH ATTACHED PLUGS.
3. COORDINATE EXACT LOCATIONS OF DISCONNECT SWITCHES AND RECEPTACLES WITH KITCHEN CONSULTANT AND EQUIPMENT VENDOR.
4. PROVIDE ALL CONNECTIONS, WIRING AND CONDUIT BETWEEN REMOTELY LOCATED EQUIPMENT COMPONENTS.
5. COVER PLATES FOR ALL OUTLETS, JUNCTION BOXES, ETC. MOUNTED ABOVE COUNTERTOPS AND ALL RECEPTACLES IN THE KITCHEN SHALL BE GASKETED AND STAINLESS STEEL.
6. APPROVED TYPE HIGH TEMPERATURE WIRE SHALL BE USED FOR CONNECTION TO HOOD LIGHTING, RANGES, HOT PLATES, ETC.
7. ELECTRICAL CONTRACTOR SHALL INCLUDE IN THIS SCOPE OF WORK CONDUIT INTERCONNECTIONS (IN THE SLAB OR IN CEILING OF FLOOR BELOW) FROM FREE STANDING KITCHEN ISLANDS OR EQUIPMENT TO STUB UP IN NEAREST WALL OR COLUMN.
8. ALL 120/208V-1PH OUTLETS 50A OR LESS AND 208V/3PH RECEPTACLES 100A OR LESS SHALL BE PROVIDED WITH GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL.
9. ALL DISCONNECT SWITCHES SHALL BE CORROSION RESISTANT, STAINLESS STEEL.
10. ALL HARD WIRED KITCHEN EQUIPMENT HAS TO EITHER HAVE A LOCAL DISCONNECT, OR MUST HAVE A LOCKABLE CIRCUIT BREAKER FOR MAINTENANCE.
11. REFER TO KITCHEN CONSULTANTS SET FOR EQUIPMENT SCHEDULE LAYOUT.
12. ALL KITCHEN CIRCUITS SHALL BE FED TO PANEL 'KP-2'.

POWER PLAN KEY NOTES:

(1) ELECTRICAL CONTRACTOR SHALL TRENCH FLOOR, FURNISH AND INSTALL NEW FLUSH FLOOR MOUNTED FLOOR BOX DEVICE, FOR (1) DUPLEX RECEPTACLE, WATERPROOF TIGHT, AND PROVIDE (1) 3/4"C FOR POWER.

(2) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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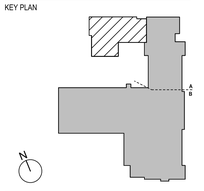
KEY PLAN



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ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA B

E102-B

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POWER PLAN NOTES:

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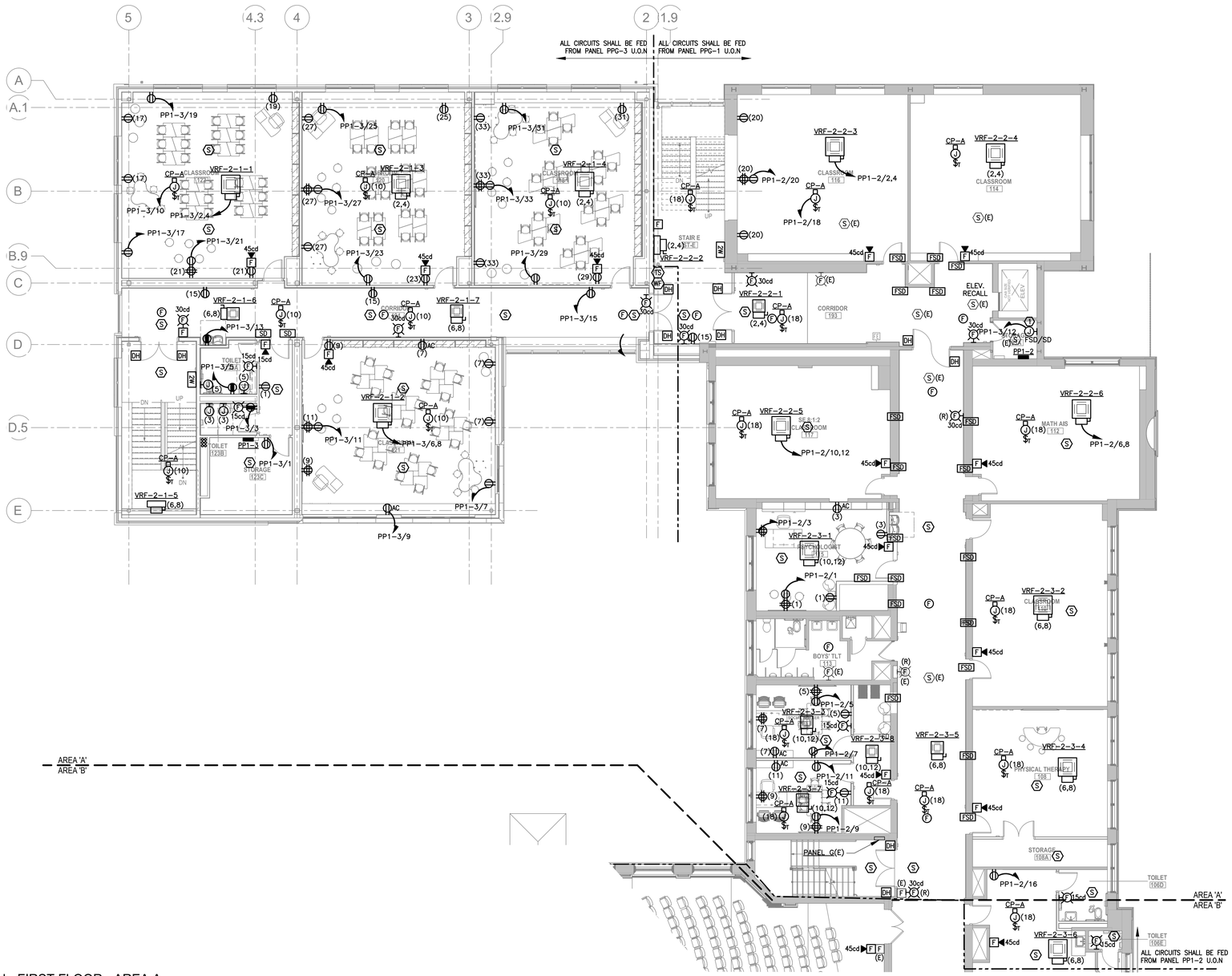
2. RECEPTACLE FOR SMARTBOARDS SHALL BE MOUNTED IN A RECESSED BOX. COORDINATE ALL REQUIREMENTS WITH VENDOR AND IT CONSULTANT DRAWINGS.

POWER PLAN KEY NOTES:

(1) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.



ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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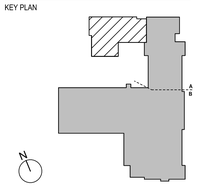

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ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA A

E103-A

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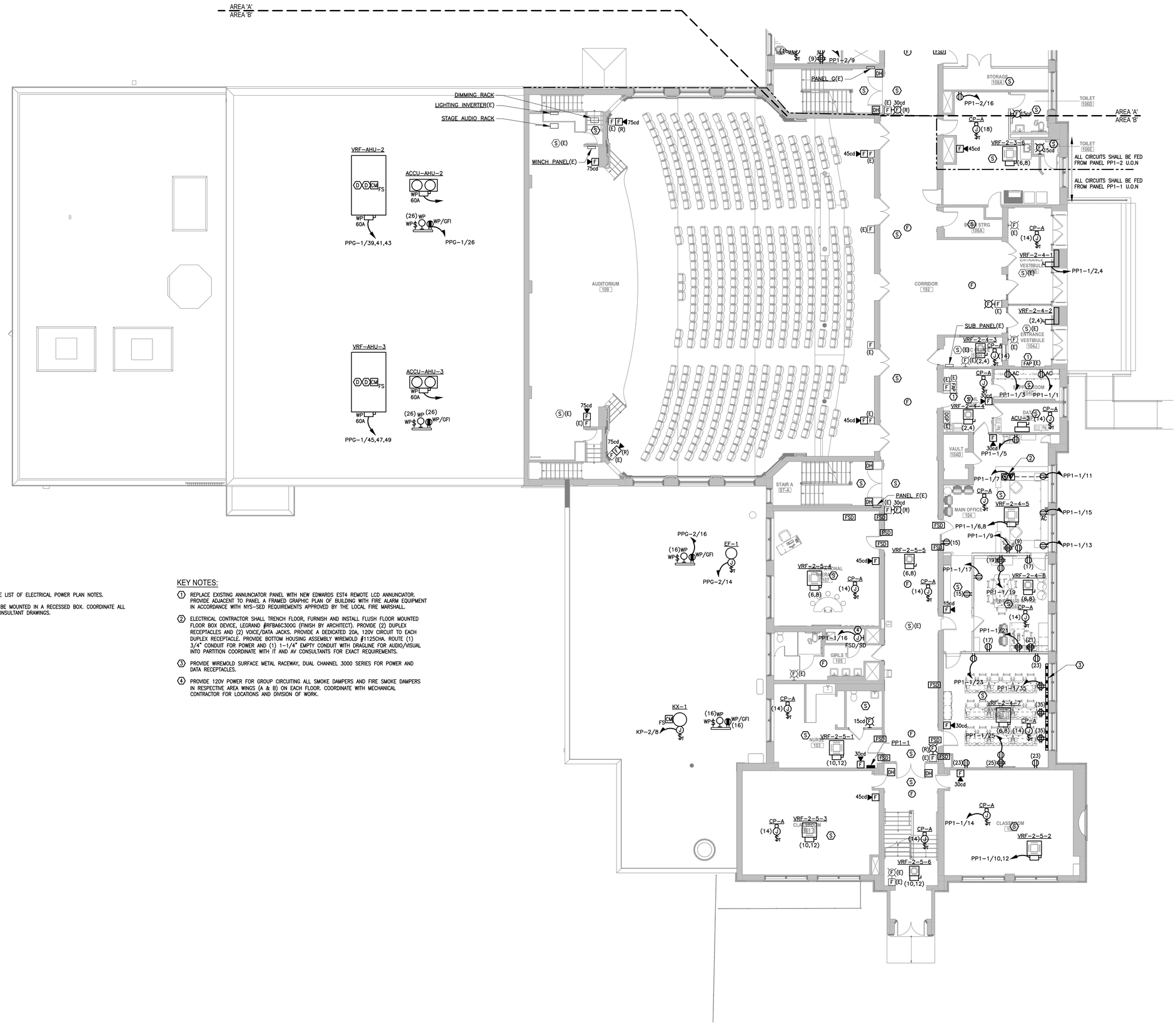

POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. RECEPTACLE FOR SMARTBOARDS SHALL BE MOUNTED IN A RECESSED BOX. COORDINATE ALL REQUIREMENTS WITH VENDOR AND IT CONSULTANT DRAWINGS.

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2. ELECTRICAL CONTRACTOR SHALL TRENCH FLOOR, FURNISH AND INSTALL FLUSH FLOOR MOUNTED FLOOR BOX DEVICE, LEGRAND #RFBA6C3OOG (FINISH BY ARCHITECT). PROVIDE (2) DUPLEX RECEPTACLES AND (2) VOICE/DATA JACKS. PROVIDE A DEDICATED 20A, 120V CIRCUIT TO EACH DUPLEX RECEPTACLE. PROVIDE BOTTOM HOUSING ASSEMBLY WIREMOLD #1125CHA. ROUTE (1) 3/4" CONDUIT FOR POWER AND (1) 1-1/4" EMPTY CONDUIT WITH DRAGLINE FOR AUDIO/VISUAL INTO PARTITION COORDINATE WITH IT AND AV CONSULTANTS FOR EXACT REQUIREMENTS.
3. PROVIDE WIREMOLD SURFACE METAL RACEWAY, DUAL CHANNEL 3000 SERIES FOR POWER AND DATA RECEPTACLES.
4. PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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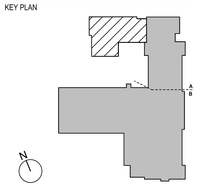

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ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA B

E103-B

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POWER PLAN NOTES:

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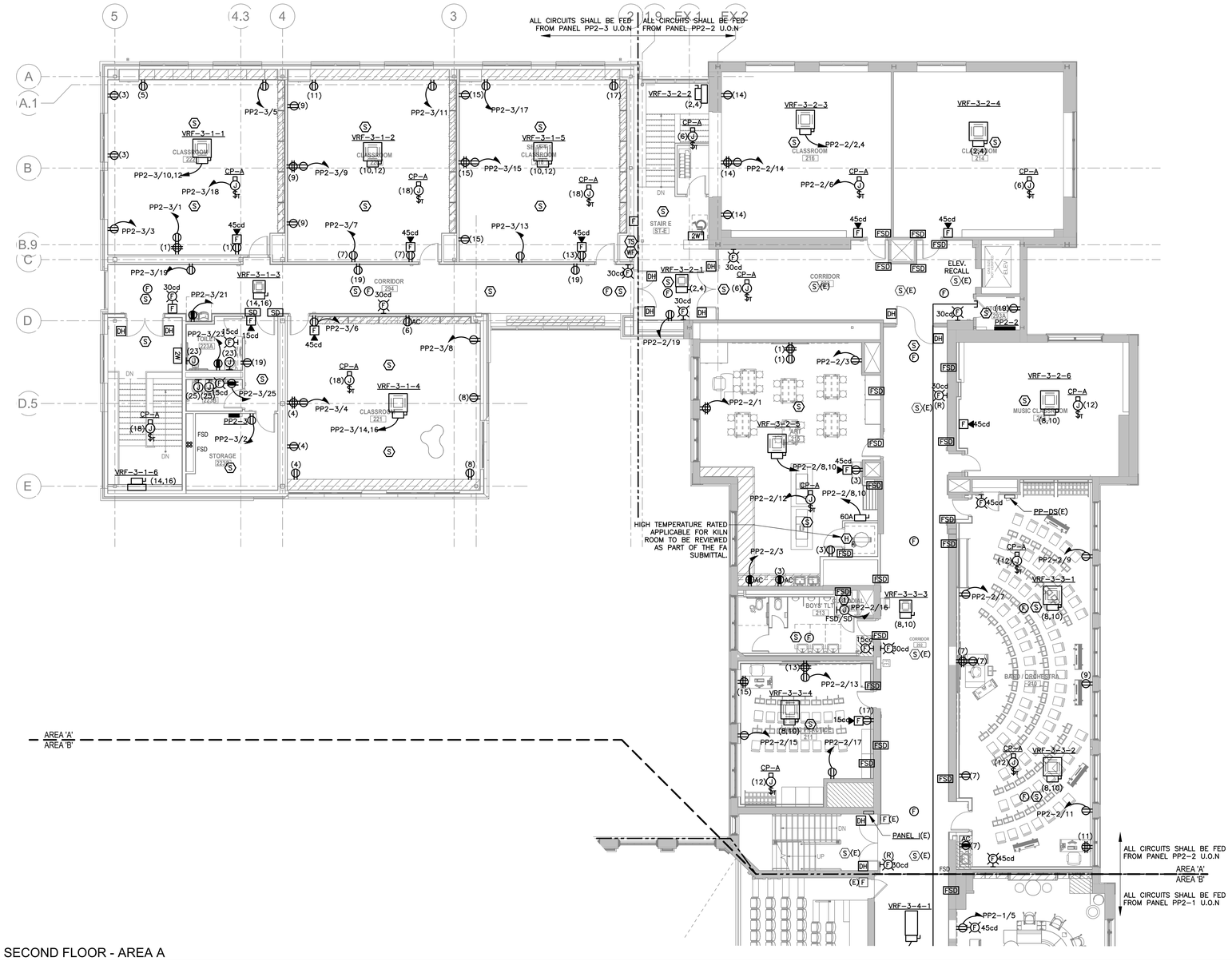

ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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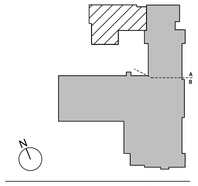

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ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA A

E104-A

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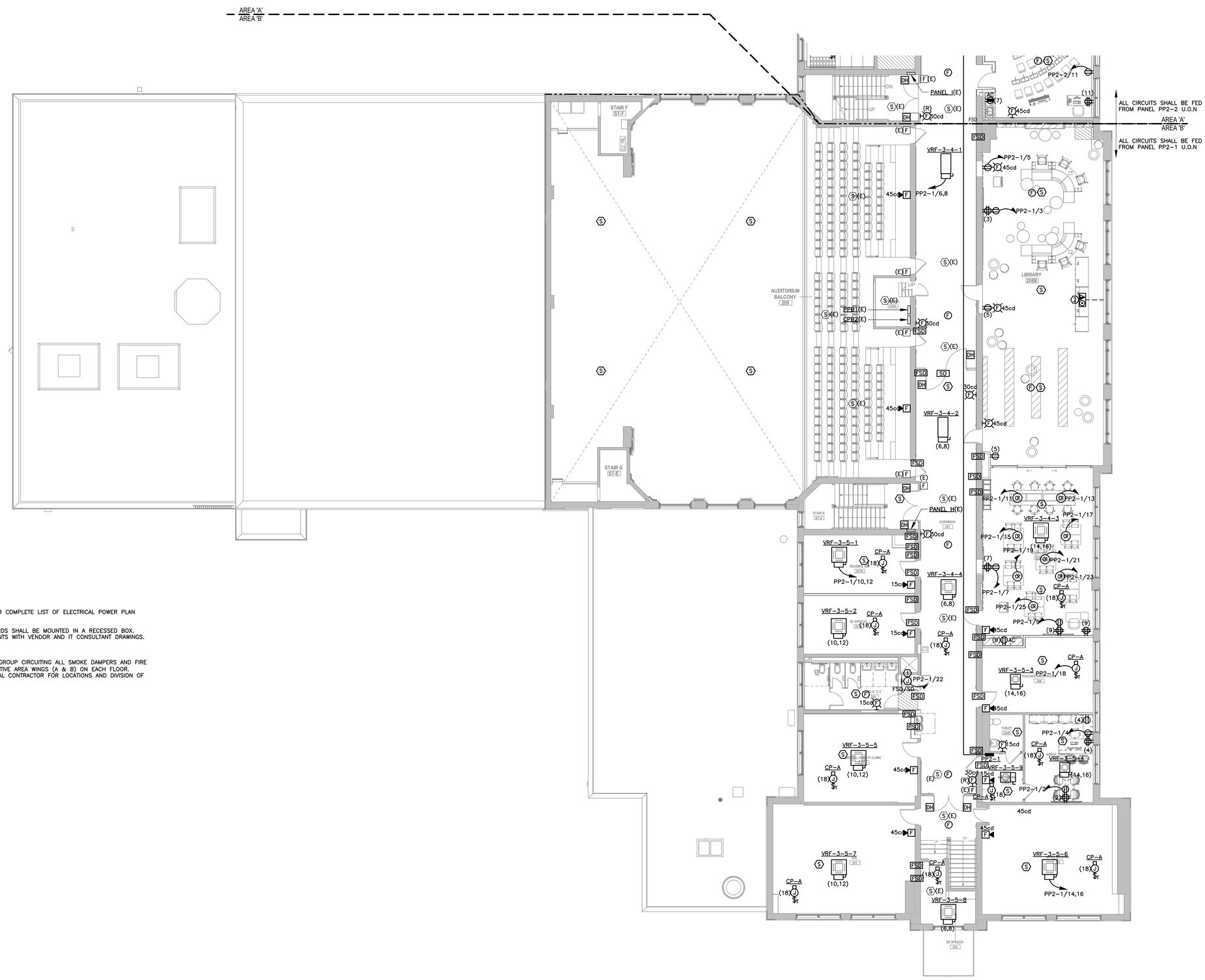

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ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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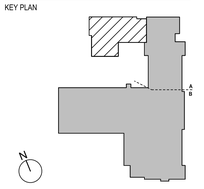

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ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA B

E104-B

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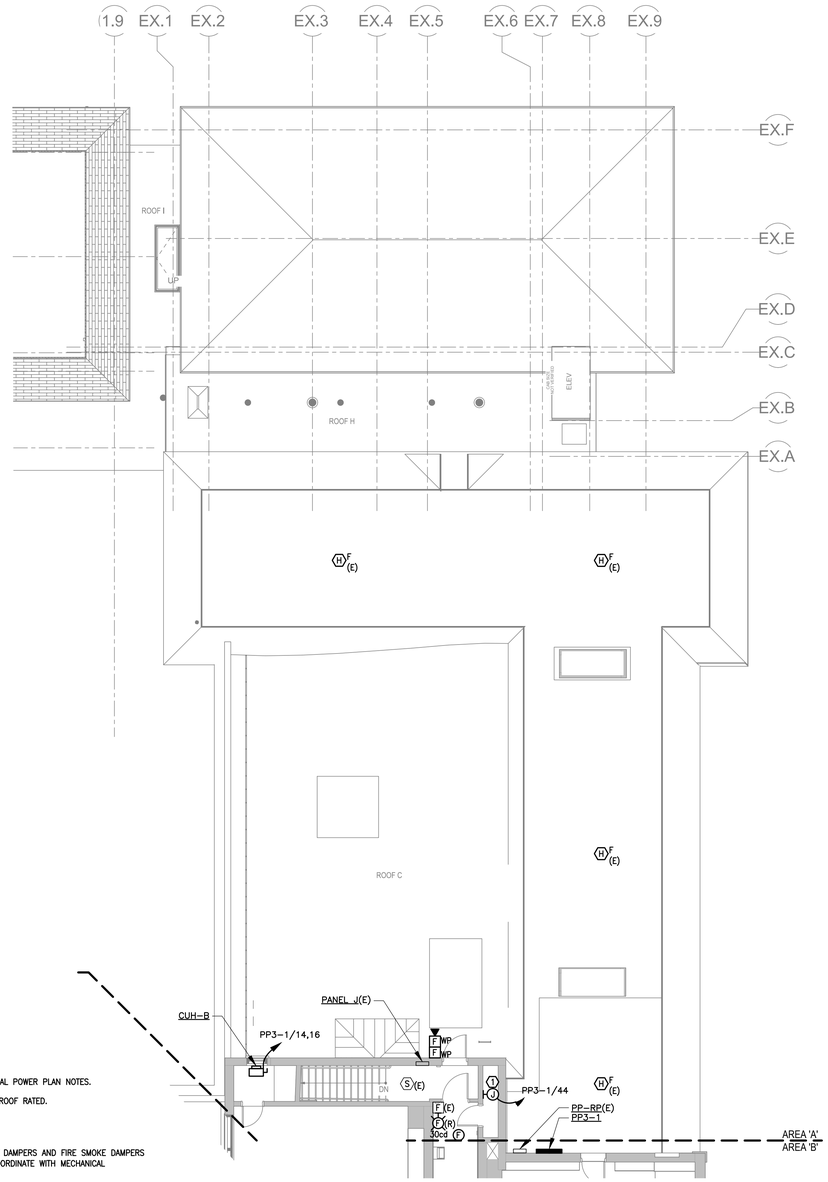
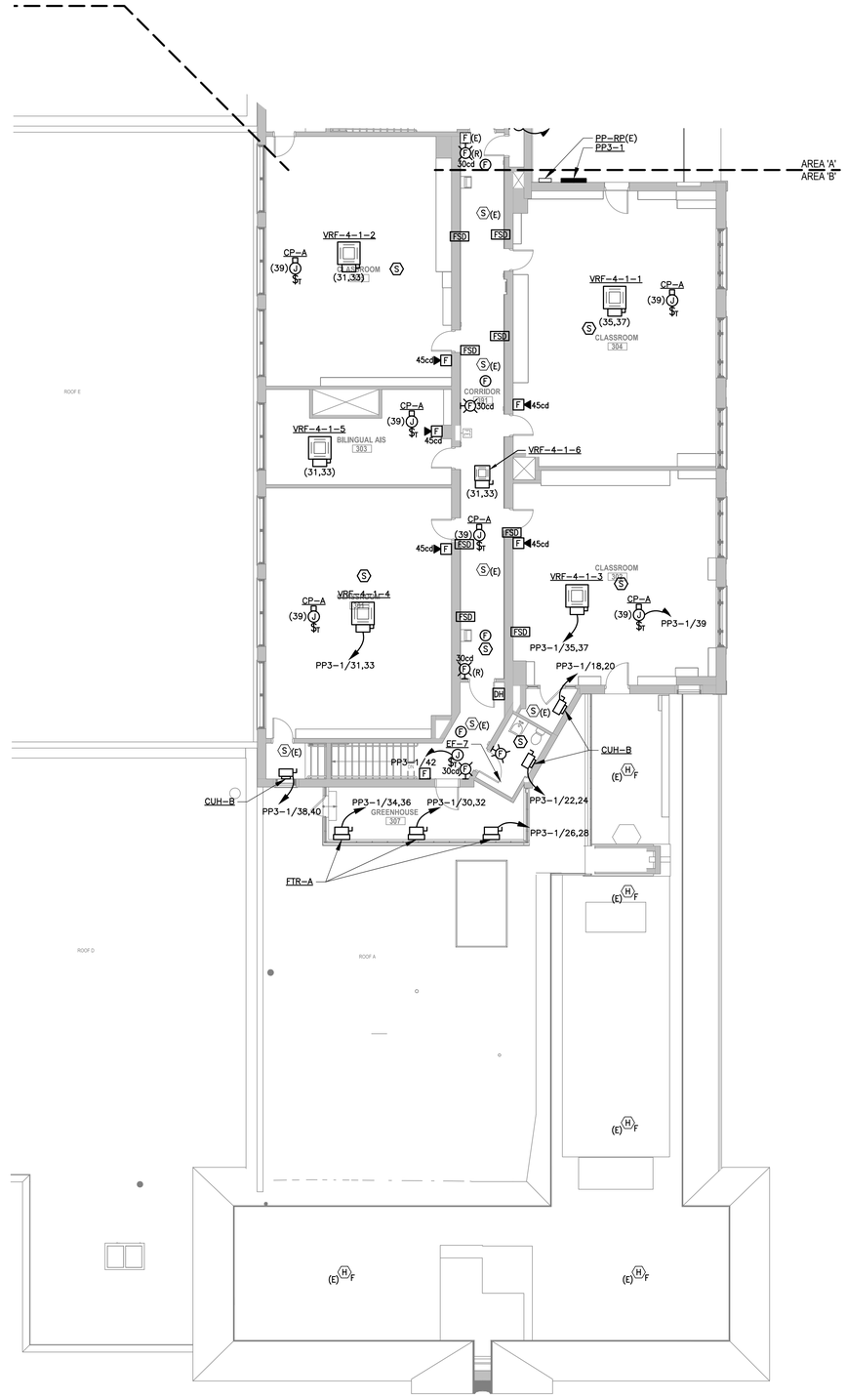


AREA A



AREA B

POWER PLAN NOTES:

1. REFER TO SHEET E–002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WEATHERPROOF RATED.

POWER PLAN KEY NOTES:

(1) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

ELECTRICAL POWER PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SARATOGA SPRING, NY 12866

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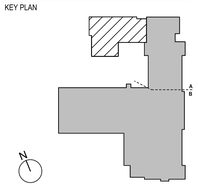
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PLAN - THIRD FLOOR

E105

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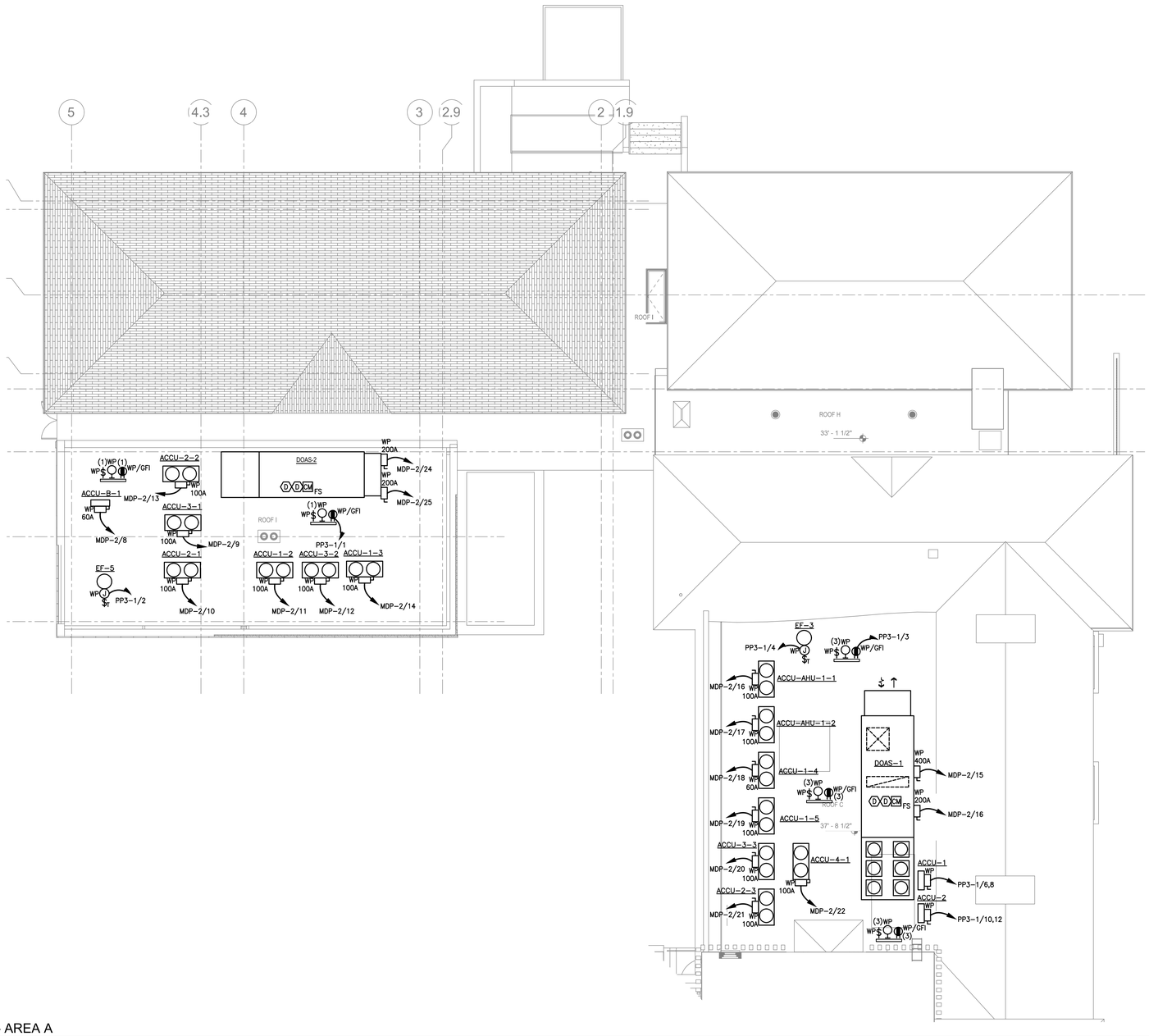
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WEATHERPROOF RATED.



ELECTRICAL POWER PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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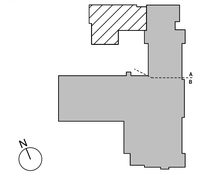

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ELECTRICAL POWER PART PLAN - ROOF - AREA A

E106-A

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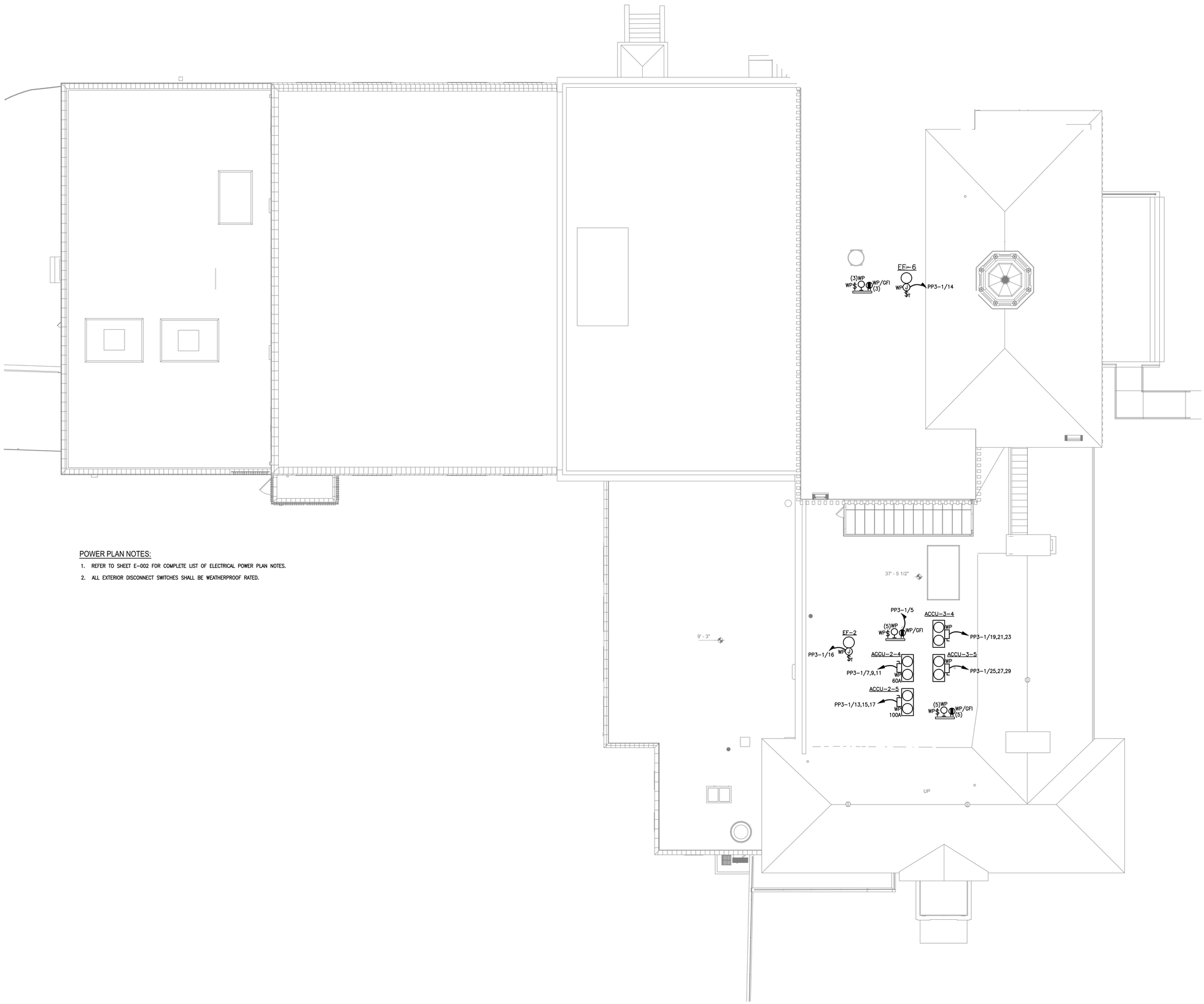

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ELECTRICAL POWER PART PLAN - ROOF - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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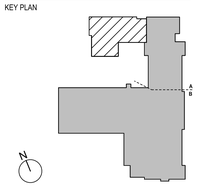

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ELECTRICAL POWER PART PLAN - ROOF - AREA B

E106-B

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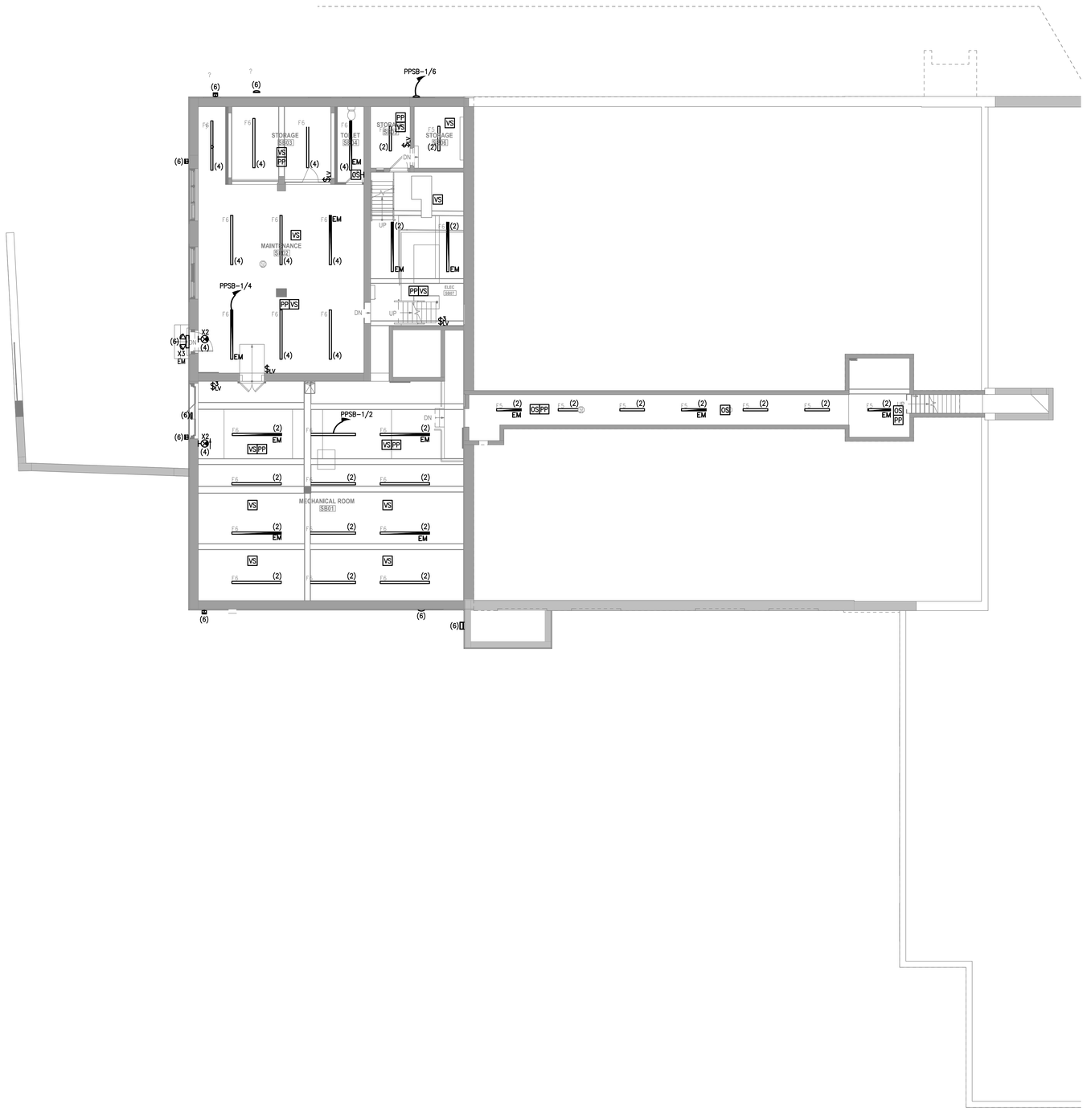

LIGHTING PLAN NOTES:

1. REFER TO DRAWING E-001 FOR LIGHTING CONTROLS, PART NUMBERS AND INSTALLATION. COORDINATE WITH nLIGHT FOR FURTHER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS IN ADDITION TO THESE DRAWINGS.

2. LIGHTINGS FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH INTEGRAL BATTERY DRIVERS.

3. ALL SITE & EXTERIOR LIGHTING SHALL BE CONTROLLED VIA DIGITAL TIME CLOCK & PHOTOCELL. PROVIDE RELAY CONTACTOR PANEL AS REQUIRED. COORDINATE EXACT TIME SETTING WITH ARCHITECT & SCHOOL DISTRICT.

LIGHTING SEQUENCE OF OPERATIONS:

1. ALL NEW LIGHTING CONTROLS SHALL BE nLIGHT WIRED CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE PROGRAMMING, COMMISSIONING, AND TRAINING BY nLIGHT. INCLUDE A MINIMUM OF (2) TRAINING DAYS AT (4) HOURS EACH DAY TO INCLUDE BUILDING MANAGEMENT AND END TENANT.

2. OFFICE, UTILITY ROOM, & LARGE STORAGE ROOMS:
   - 2.1. LIGHTS SHALL BE MANUALLY TURNED ON AND OFF AS NEEDED BY THE OCCUPANT.
   - 2.2. WIRED SENSORS SHALL AUTOMATICALLY TURN LIGHTS OFF WHEN THE ROOM IS UNOCCUPIED AFTER 20 MINUTES.

3. SMALL STORAGE ROOMS:
   - 3.1. LIGHTS SHALL BE MANUALLY TURNED ON AND OFF AS NEEDED BY THE OCCUPANT.
   - 3.2. WALL MOUNTED SWITCH WITH INTEGRAL SENSOR SHALL AUTOMATICALLY TURN LIGHTS OFF WHEN THE ROOM IS UNOCCUPIED AFTER 20 MINUTES.

4. OPEN AREAS & CORRIDORS
   - 4.1. LIGHTS SHALL BE CONTROLLED VIA TIME SETTING PROGRAMMED THROUGH THE SENSORVIEW CONFIGURATION AND MONITORING SOFTWARE. DURING ANY "OFF" HOURS PROGRAMMING, THE WIRED SENSORS SHALL TAKE OVER IN "OCCUPANCY" MODE TO AUTOMATICALLY TURN ON THE LIGHTS WHEN THE AREA IS OCCUPIED. LIGHTS SHALL AUTOMATICALLY TURN OFF WHEN THE AREA BECOMES UNOCCUPIED AFTER 20 MINUTES.

ELECTRICAL LIGHTING PLAN - SUB-BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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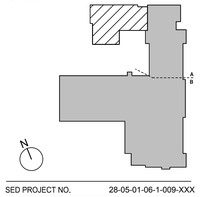
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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MEMASI PROJECT NO. 101-2403

ELECTRICAL LIGHTING PLAN - SUB-BASEMENT

E200

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LIGHTING PLAN NOTES:

1. REFER TO DRAWING E-001 FOR LIGHTING CONTROLS, PART NUMBERS AND INSTALLATION. COORDINATE WITH nLIGHT FOR FURTHER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS IN ADDITION TO THESE DRAWINGS.

2. LIGHTINGS FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH INTEGRAL BATTERY DRIVERS.

3. ALL SITE & EXTERIOR LIGHTING SHALL BE CONTROLLED VIA DIGITAL TIME CLOCK & PHOTOCELL. PROVIDE RELAY CONTACTOR PANEL AS REQUIRED. COORDINATE EXACT TIME SETTING WITH ARCHITECT & SCHOOL DISTRICT.

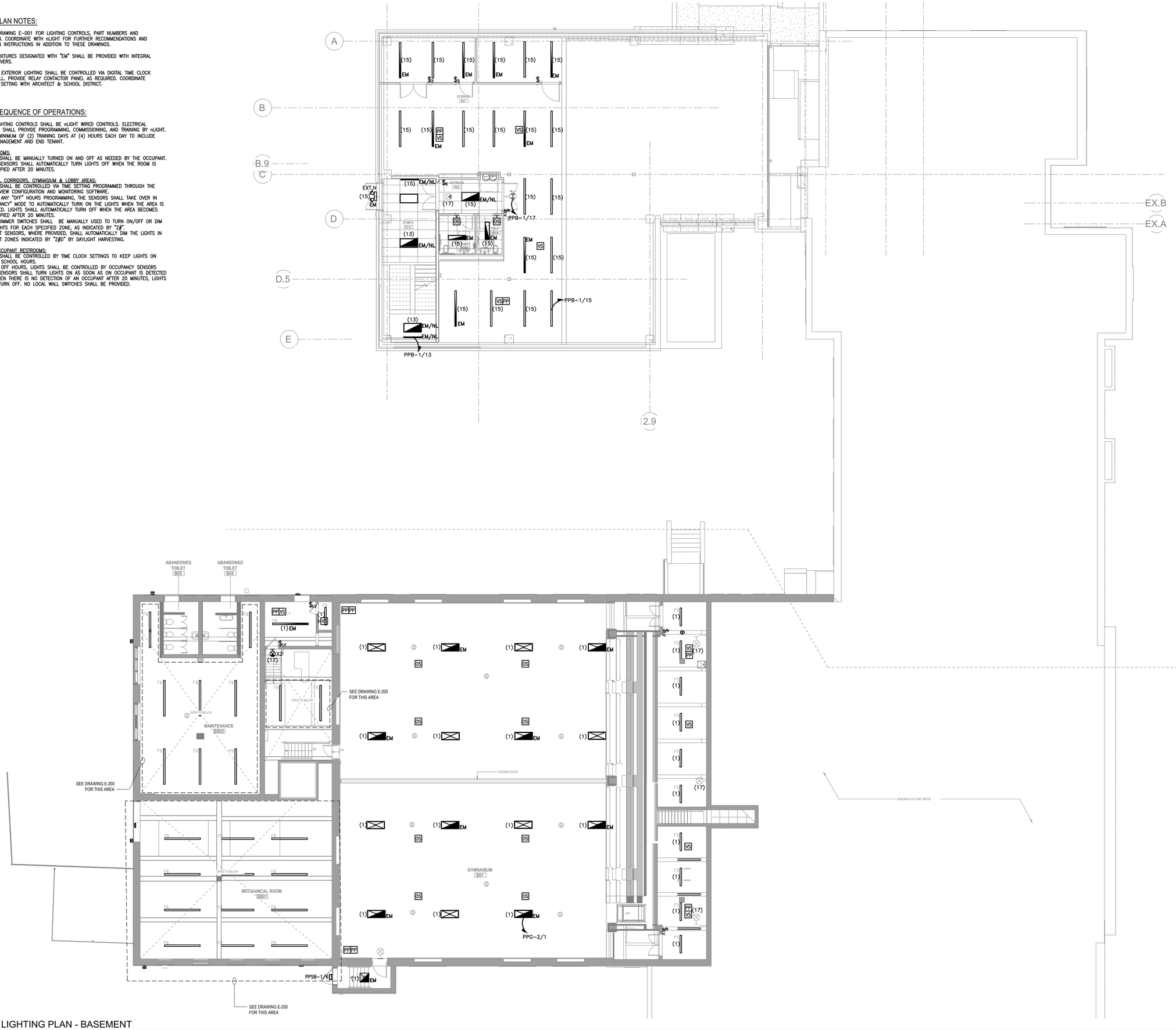
LIGHTING SEQUENCE OF OPERATIONS:

1. ALL NEW LIGHTING CONTROLS SHALL BE nLIGHT WIRED CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE PROGRAMMING, COMMISSIONING, AND TRAINING BY nLIGHT. INCLUDE A MINIMUM OF (2) TRAINING DAYS AT (4) HOURS EACH DAY TO INCLUDE BUILDING MANAGEMENT AND END TENANT.

2. STORAGE ROOMS:
   - 2.1. LIGHTS SHALL BE MANUALLY TURNED ON AND OFF AS NEEDED BY THE OCCUPANT.
   - 2.2. WIRED SENSORS SHALL AUTOMATICALLY TURN LIGHTS OFF WHEN THE ROOM IS UNOCCUPIED AFTER 20 MINUTES.

3. OPEN AREAS, CORRIDORS, GYMNASIUM & LOBBY AREAS:
   - 3.1. LIGHTS SHALL BE CONTROLLED VIA TIME SETTING PROGRAMMED THROUGH THE SENSORVIEW CONFIGURATION AND MONITORING SOFTWARE.
   - 3.2. DURING ANY "OFF" HOURS PROGRAMMING, THE SENSORS SHALL TAKE OVER IN "OCCUPANCY" MODE TO AUTOMATICALLY TURN ON THE LIGHTS WHEN THE AREA IS OCCUPIED. LIGHTS SHALL AUTOMATICALLY TURN OFF WHEN THE AREA BECOMES UNOCCUPIED AFTER 20 MINUTES.
   - 3.3. LOCAL DIMMER SWITCHES SHALL BE MANUALLY USED TO TURN ON/OFF OR DIM THE LIGHTS FOR EACH SPECIFIED ZONE, AS INDICATED BY "Z#".
   - 3.4. DAYLIGHT SENSORS, WHERE PROVIDED, SHALL AUTOMATICALLY DIM THE LIGHTS IN DAYLIGHT ZONES INDICATED BY "Z#D" BY DAYLIGHT HARVESTING.

4. MULTIPLE OCCUPANT RESTROOMS:
   - 4.1. LIGHTS SHALL BE CONTROLLED BY TIME CLOCK SETTINGS TO KEEP LIGHTS ON DURING SCHOOL HOURS.
   - 4.2. DURING OFF HOURS, LIGHTS SHALL BE CONTROLLED BY OCCUPANCY SENSORS ONLY. SENSORS SHALL TURN LIGHTS ON AS SOON AS ON OCCUPANT IS DETECTED AND WHEN THERE IS NO DETECTION OF AN OCCUPANT AFTER 20 MINUTES, LIGHTS SHALL TURN OFF. NO LOCAL WALL SWITCHES SHALL BE PROVIDED.



ELECTRICAL LIGHTING PLAN - BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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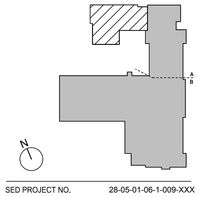
BRIDGEWATER, MA. 02324

ISSUE	DATE
SED ENG ADDENDUM 1	02/12/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL LIGHTING PLAN - BASEMENT

E201

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LIGHTING PLAN NOTES:

1. REFER TO DRAWING E-001 FOR LIGHTING CONTROLS, PART NUMBERS AND INSTALLATION. COORDINATE WITH LUTRON FOR FURTHER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS IN ADDITION TO THESE DRAWINGS.
2. LIGHTINGS FIXTURES DESIGNATED WITH "EM" SHALL BE PROVIDED WITH INTEGRAL BATTERY DRIVERS.
3. ALL SITE & EXTERIOR LIGHTING SHALL BE CONTROLLED VIA DIGITAL TIME CLOCK & PHOTOCELL. PROVIDE RELAY CONTACTOR PANEL AS REQUIRED. COORDINATE EXACT TIME SETTING WITH ARCHITECT & SCHOOL DISTRICT.

LIGHTING SEQUENCE OF OPERATIONS:

1. ALL NEW LIGHTING CONTROLS SHALL USE nLIGHT WIRED CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE PROGRAMMING, COMMISSIONING, AND TRAINING BY ACUITY. INCLUDE A MINIMUM OF (2) TRAINING DAYS AT (4) HOURS EACH DAY TO INCLUDE BUILDING MANAGEMENT AND END TENANT.

2. OFFICES, STAFF ROOMS, KITCHEN & STORAGE ROOMS:
   - 2.1. LIGHTS SHALL BE MANUALLY TURNED ON AND OFF AS NEEDED BY THE OCCUPANT.
   - 2.2. WIRED SENSORS SHALL AUTOMATICALLY TURN LIGHTS OFF WHEN THE ROOM IS UNOCCUPIED AFTER 20 MINUTES.

3. CLASSROOMS & IT HELP DESK:
   - 3.1. EACH LIGHTING ZONE SHALL BE MANUALLY TURNED ON AND DIMMED AS NEEDED BY OCCUPANT FOR EACH SPECIFIED ZONE, AS INDICATED BY "Z#".
   - 3.2. WIRED SENSORS SHALL AUTOMATICALLY TURN LIGHTS OFF WHEN THE ROOM IS UNOCCUPIED AFTER 20 MINUTES.
   - 3.3. DAYLIGHT SENSORS, WHERE PROVIDED, SHALL AUTOMATICALLY DIM THE LIGHTS BY DAYLIGHT HARVESTING.

4. OPEN AREAS, CORRIDORS, CAFETTERIA & LOBBY AREAS:
   - 4.1. LIGHTS SHALL BE CONTROLLED VIA TIME SETTING PROGRAMMED THROUGH THE SENSORVIEW CONFIGURATION AND MONITORING SOFTWARE.
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5. MULTIPLE OCCUPANT RESTROOMS:
   - 5.1. LIGHTS SHALL BE CONTROLLED BY TIME CLOCK SETTINGS TO KEEP LIGHTS ON DURING SCHOOL HOURS.
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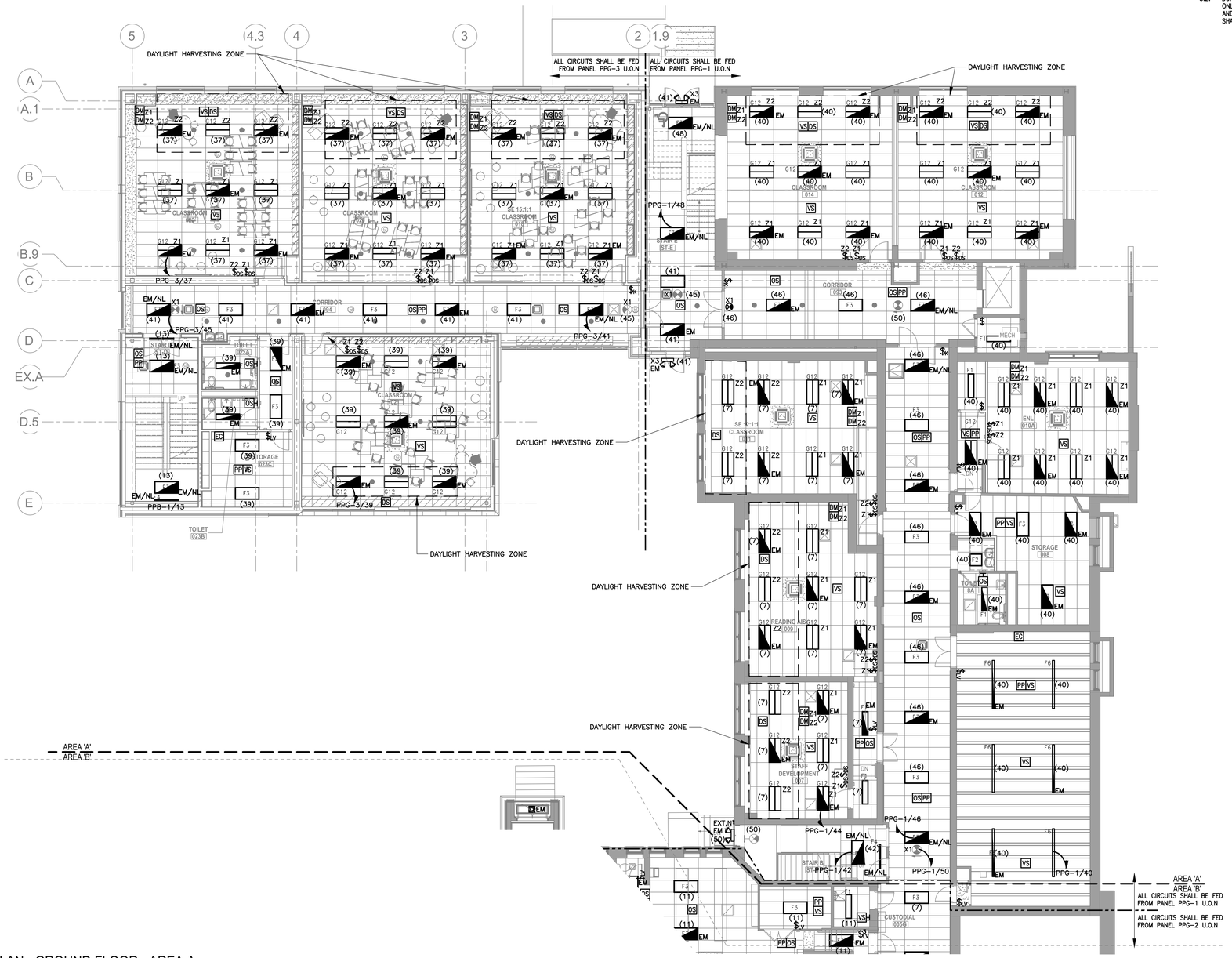

ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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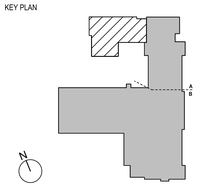
KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA A

E202-A

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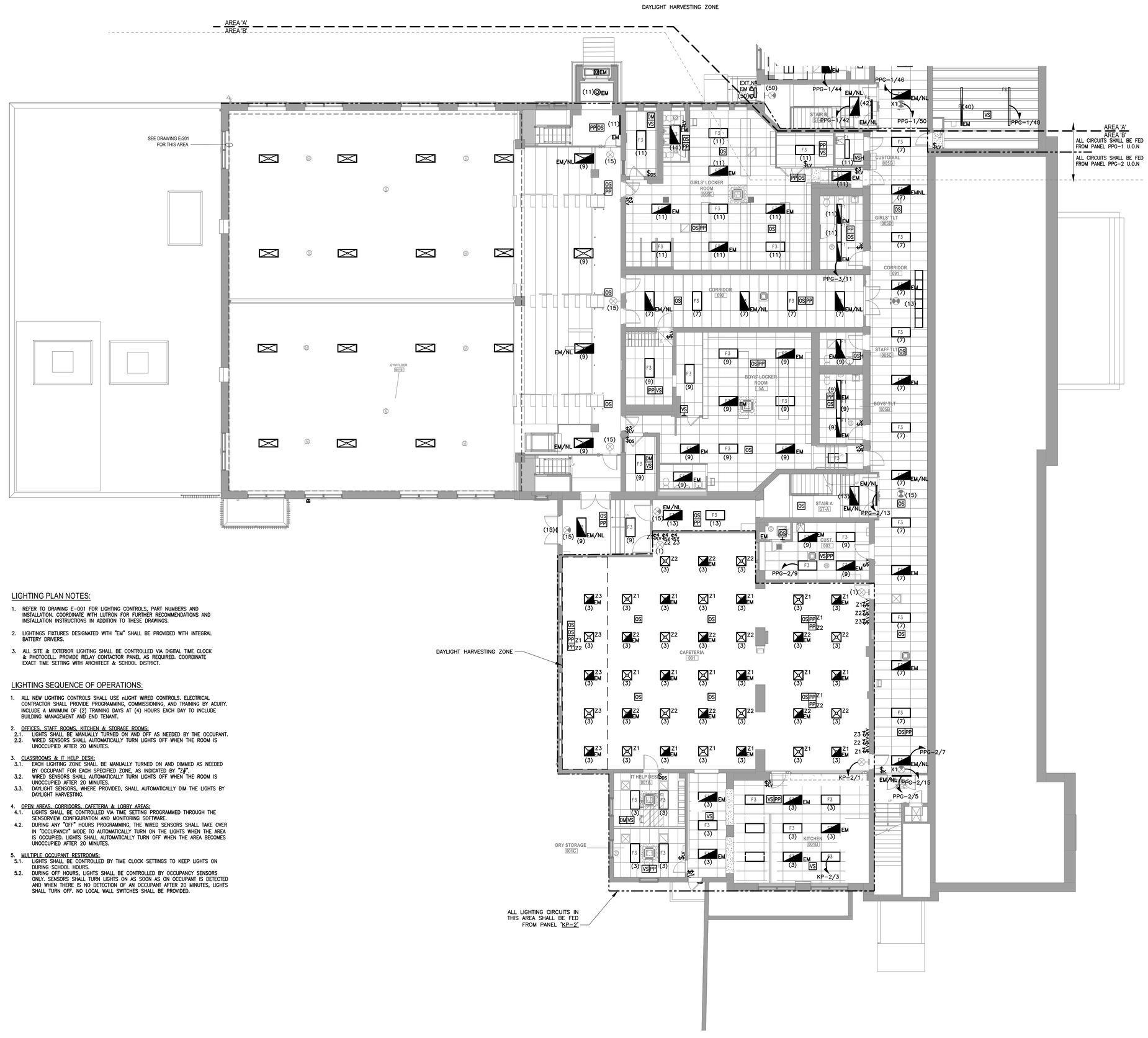

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ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA B
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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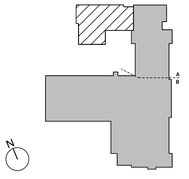
SARATOGA SPRING, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

ISSUE	DATE
SED ENG ADDENDUM 1	02/12/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL LIGHTING PART PLAN - GROUND FLOOR - AREA B

E202-B

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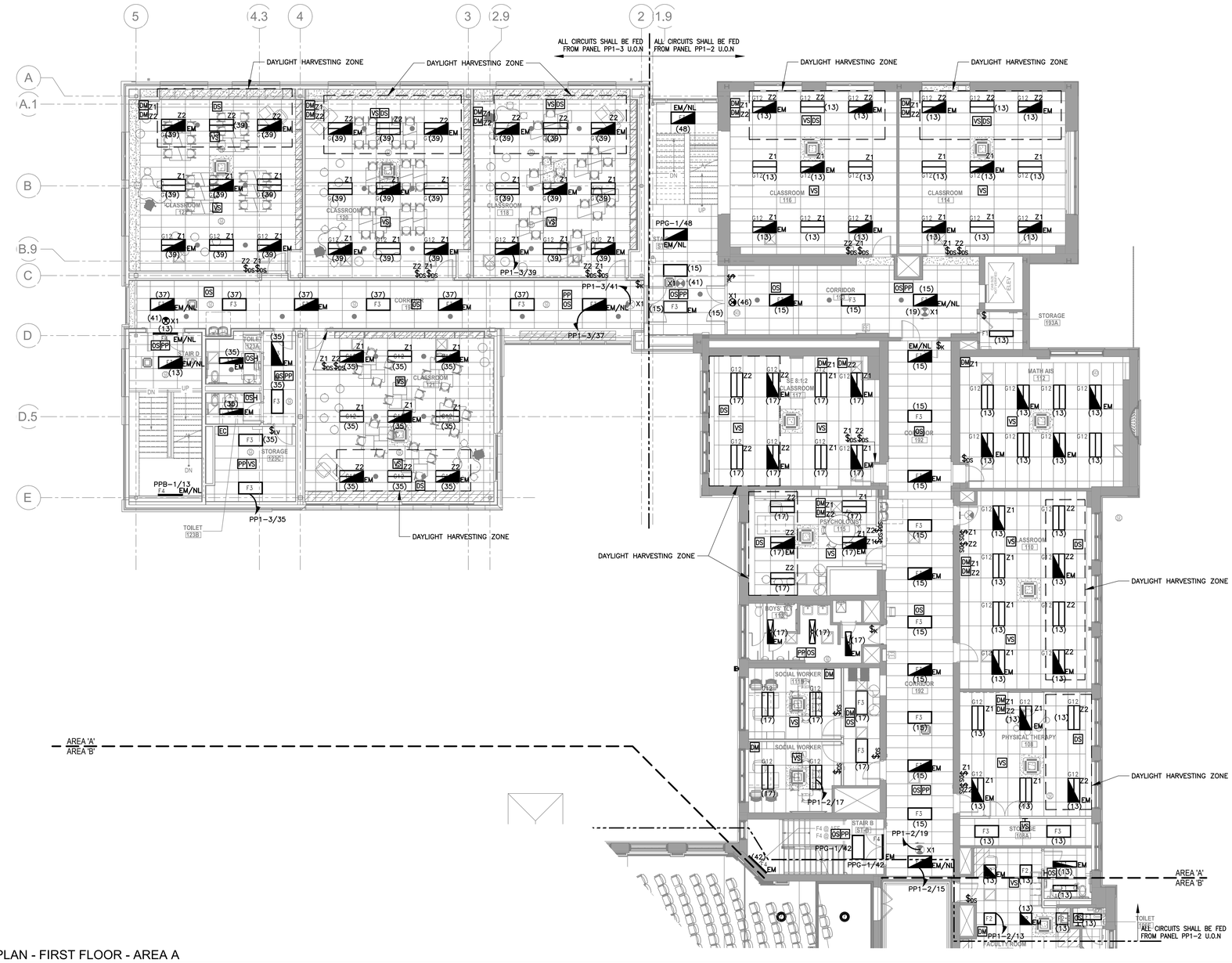

ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

LIGHTING PLAN NOTES:

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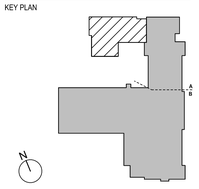

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ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA A

E203-A

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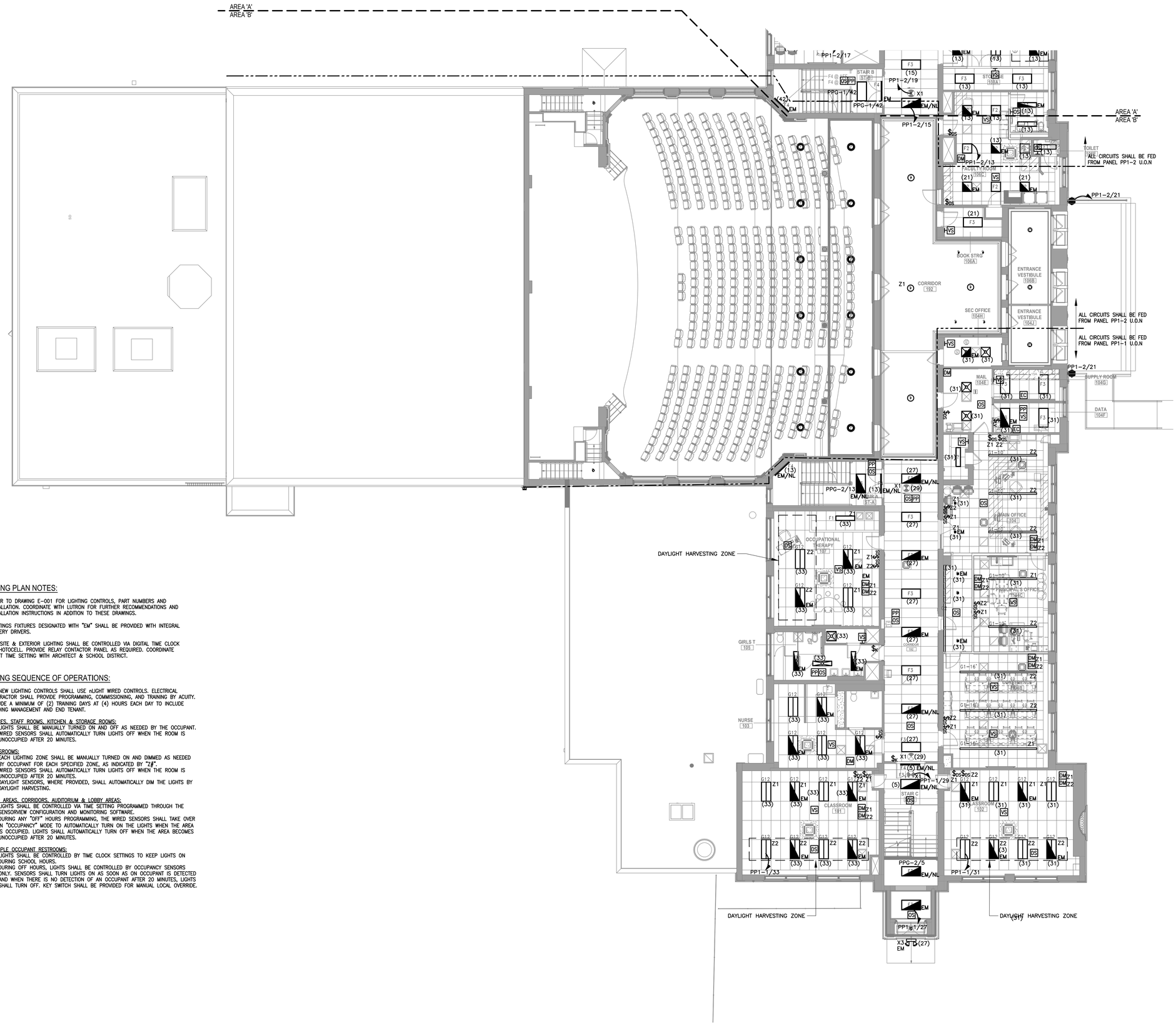

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ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA B

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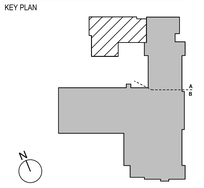

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ELECTRICAL LIGHTING PART PLAN - FIRST FLOOR - AREA B

E203-B

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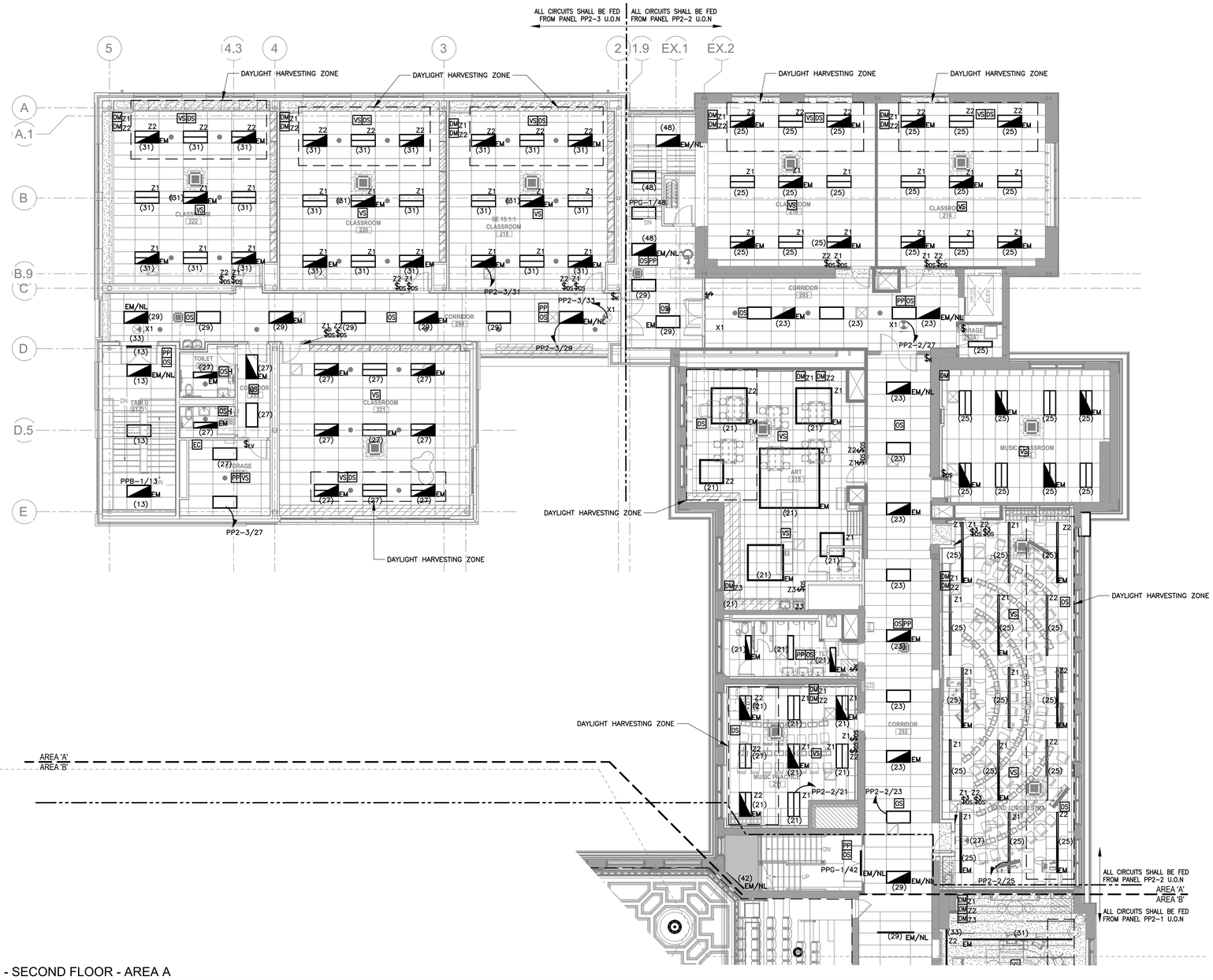

ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA A

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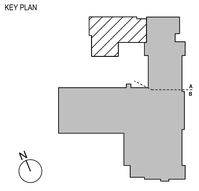

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ELECTRICAL LIGHTING PART PLAN - SECOND FLOOR - AREA A

E204-A

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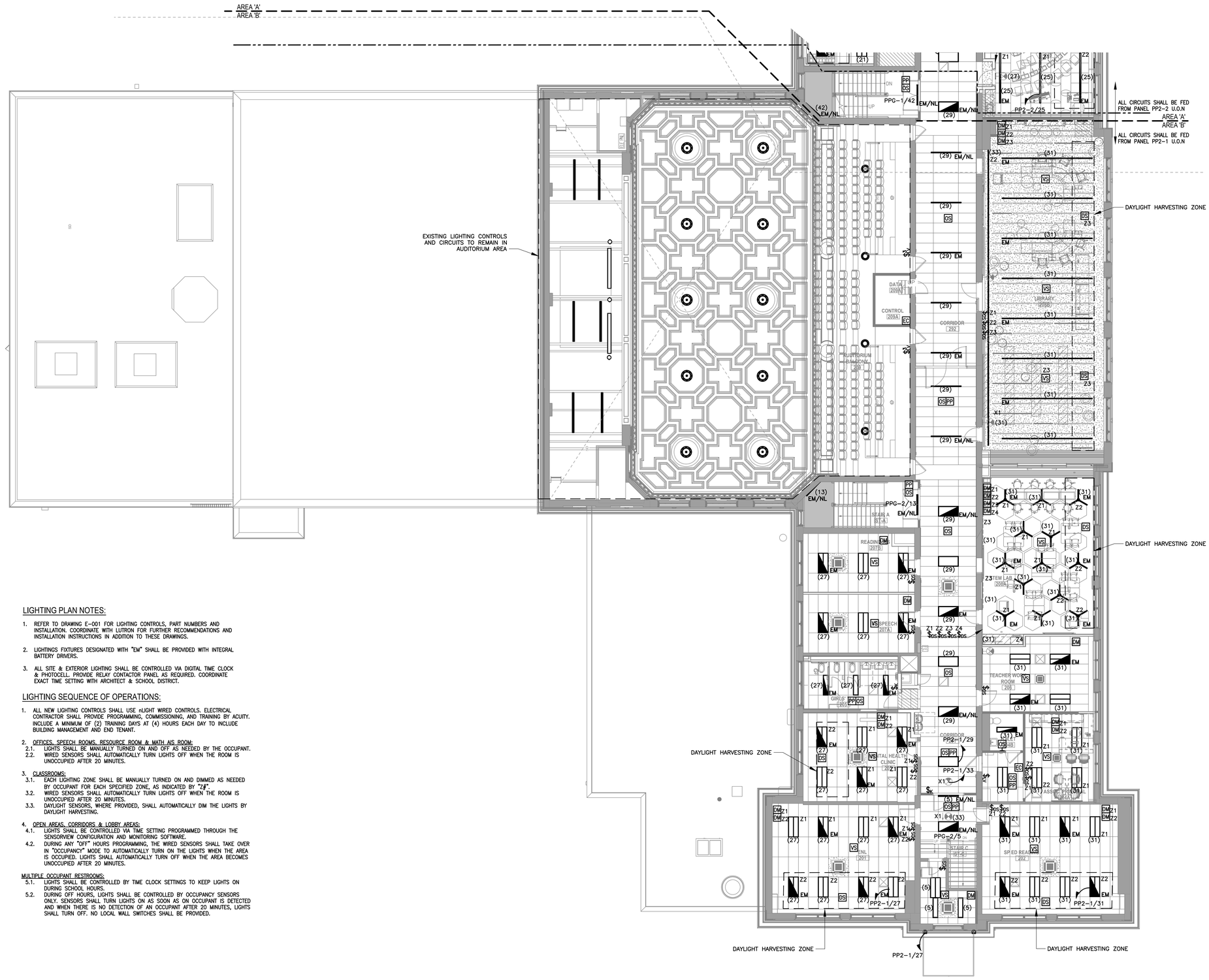

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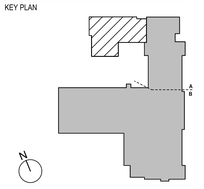

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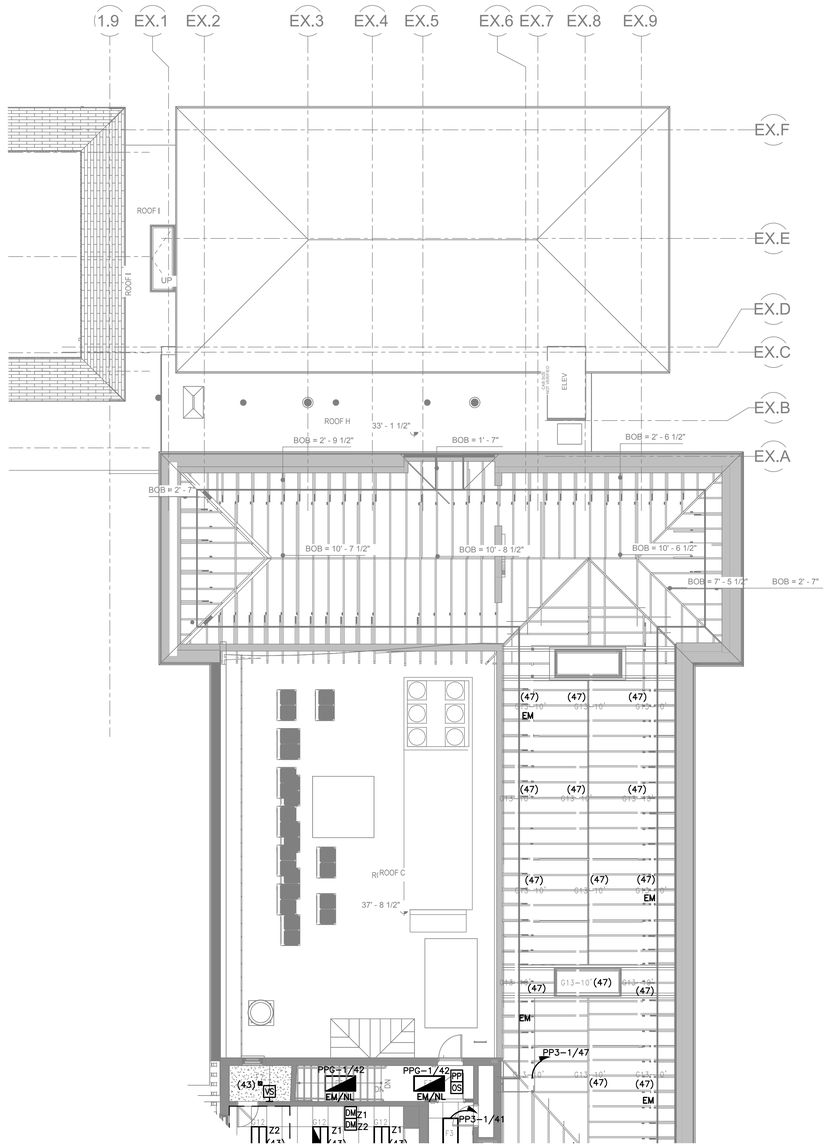
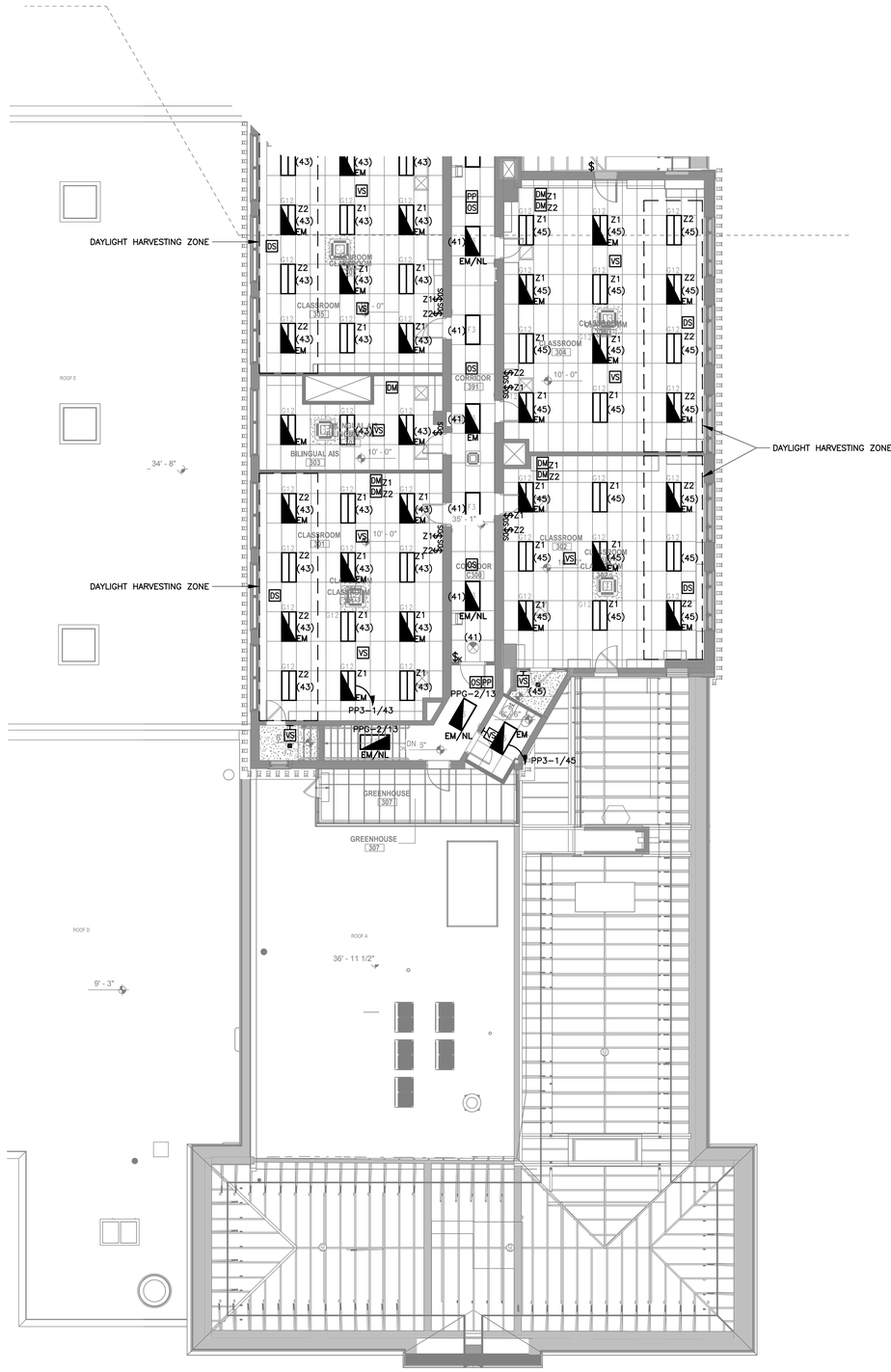


AREA A



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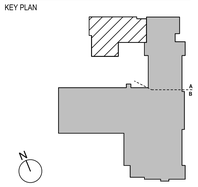
ISSUE	DATE
SED ENG ADDENDUM 1	02/12/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL LIGHTING PLAN - THIRD FLOOR

E205

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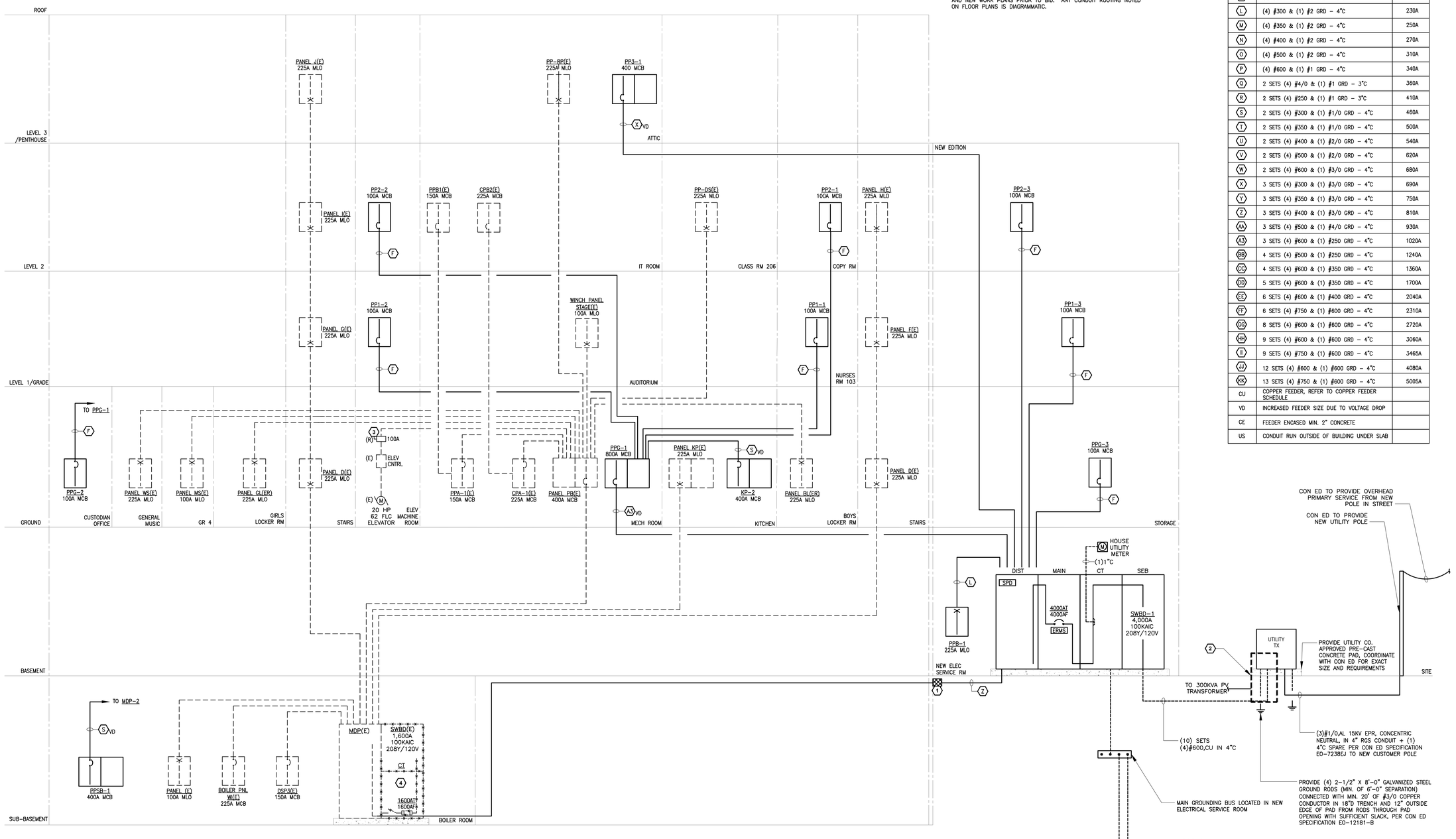
RISER LEGEND:	
EXISTING TO BE REMOVED	-*-*-*-*-*-
EXISTING TO REMAIN	- - - - - - - -
NEW	———

POWER RISER KEY NOTES:

1. ROUTE NEW FEEDERS FROM THE NEW ELECTRICAL SWITCHBOARD TO BACKFEED EXISTING SWITCHBOARD "MDP." ROUTE FEEDERS THROUGH NEW MANHOLE TO BE INSTALLED FOLLOWING THE REMOVAL OF THE EXISTING TRANSFORMER.
2. POINT OF CONNECTION FOR 300kVA PV TRANSFORMER SHALL BE AT THE UTILITY TRANSFORMER SECONDARY STABS OR WITHIN A SEPARATE BUSSED TAP ENCLOSURE, AS DIRECTED BY CON EDISON, AND IN ACCORDANCE WITH AMERESCO'S PV ONE LINE DIAGRAM E-201. COORDINATE ALL WORK WITH AMERESCO AND THE SITE CIVIL ENGINEER.
3. REPLACE EXISTING MAIN LINE DISCONNECT WITH AN EATON BUSSMANN PS-SERIES POWER MODULE ELEVATOR SWITCH EQUIPPED WITH SHUNT TRIP CAPABILITY. PROVIDE SHUNT TRIP INTERFACE WITH THE FIRE ALARM SYSTEM TO AUTOMATICALLY DE-ENERGIZE ELEVATOR POWER UPON SPRINKLER ACTIVATION WITHIN THE ELEVATOR SHAFT OR ELEVATOR MACHINE ROOM (EMR).
4. CONVERT THE EXISTING MAIN DISTRIBUTION PANEL (MDP) INTO A SUB DISTRIBUTION SWITCHBOARD BACKFED FROM THE NEW SERVICE/MAIN SWITCHBOARD.
   - SIZE THE BACKFEED BASED ON A RECORDED PEAK DEMAND OF 160 KW, INCREASED TO 125% FOR SOURCE BREAKER AND FEEDER SIZING, RESULTING IN AN ANTICIPATED BACKFEED RATING OF 600-800A.
   - REMOVE ALL INTERNAL COMPONENTS WITHIN THE EXISTING METERING/MAIN SWITCH SECTION AND REPURPOSE THIS SECTION AS A PULLBOX TO ALLOW DIRECT TERMINATION OF THE NEW BACKFEED CONDUCTORS ONTO THE MAIN LUG BUS OF THE DISTRIBUTION SECTION.
   - UPON CONVERSION TO A SUB DISTRIBUTION SWITCHBOARD, ALL GROUNDING WITHIN THIS ASSEMBLY SHALL BECOME EQUIPMENT GROUNDING ONLY. REMOVE THE EXISTING GROUNDING ELECTRODE SYSTEM CONNECTION AT THIS LOCATION AND MODIFY THE NEUTRAL AND GROUNDING BUS CONFIGURATIONS AS REQUIRED TO PROVIDE COMPLETE SEPARATION IN ACCORDANCE WITH THE NEC.
   - UPON COMPLETION, VERIFY THAT ALL EXISTING DISTRIBUTION BREAKERS AND THE EQUIPMENT GROUNDING SYSTEM REMAIN FULLY FUNCTIONAL. PERFORM REQUIRED ACCEPTANCE TESTING PRIOR TO ENERGIZATION.

POWER RISER GENERAL NOTES:

1. ALL ELECTRICAL PANELS TO BE PROVIDED WITH COPPER BUSING AND LOADS TO BE PHASE BALANCED.
2. ALL ELECTRICAL FEEDERS TO BE ALUMINUM UNLESS OTHERWISE NOTED BY SUBSCRIPT "CU" AND ALL BRANCH CIRCUITING SHALL BE COPPER.
3. ALL ELECTRICAL PRIMARY AND SECONDARY CONDUITS RUNNING UNDER DRIVEWAY OR ROADWAY SHALL BE ENCASED IN 2" CONCRETE.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR EXACT REQUIREMENTS OF SERVICE. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE IN CONFORMANCE WITH CON ED SPECIFICATIONS AND DETAILS. REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS OF NEW EQUIPMENT, STRUCTURES, POLES, AND ROUTING OF CONDUITS. NOT ALL CON ED SPECIFICATION/DETAIL NUMBERS INDICATED ON DRAWINGS.
5. PRIMARY AND SECONDARY UTILITY SERVICE CONDUITS SHALL BE RIGID GALVANIZED STEEL, AS REQUIRED BY UTILITY COMPANY. REFER TO CON ED SPECIFICATIONS FOR TRENCH REQUIREMENTS AND BURIAL DEPTHS.
6. ELECTRICAL CONTRACTOR SHALL ISSUE SWITCHBOARD AND METERING EQUIPMENT SHOP DRAWINGS TO LOCAL UTILITY CO. FOR APPROVAL PRIOR TO ORDERING ANY EQUIPMENT. COORDINATE AVAILABLE FAULT CURRENT AT POINT OF SERVICE TERMINATION WITH UTILITY CO.
4. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE DROP ON FEEDERS BASED ON ROUTING OF FEEDER CHOSEN IN FIELD. VOLTAGE DROP SHALL NOT EXCEED 5% IN TOTAL, 3% FOR ANY FEEDER, OR 2% FOR ANY BRANCH CIRCUIT.
5. PROVIDE CABLE SUPPORTS FOR ALL VERTICAL RISERS PER NEC TABLE 300.19(A).
6. PROVIDE PULL BOXES AS REQUIRED, SIZED PER NEC. SEPARATE PULL BOXES SHALL BE PROVIDED FOR NORMAL AND EMERGENCY FEEDERS. PULL BOXES INSTALLED IN THE GARAGE SHALL BE STAINLESS STEEL.
7. ELEVATOR DISCONNECTS SHALL BE PROVIDED WITH A SET OF DRY CONTACTS FOR CONNECTION WITH THE ELEVATOR MOTOR CONTROLLER. PROVIDE WIRING AND CONDUIT AS REQUIRED.
8. ELECTRICAL CONTRACTOR SHALL PROVIDE THE APPROPRIATE QUANTITY/SIZE OF LUGS IN PANELBOARDS, SWITCHBOARDS, AND CIRCUIT BREAKER FRAME SIZES, TO ACCOMMODATE THE QUANTITY/SIZE OF CONDUCTORS TO BE TERMINATED. IF UPSIZED LUGS ARE NOT AVAILABLE, THEN PROVIDE SUITABLE COMPRESSION TYPE CABLE REDUCERS WITH ASSOCIATED SPLICE BOXES.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE MOUNTING AND SUPPORT FOR PANELBOARDS, AS REQUIRED.
10. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT FEEDER/CONDUIT ROUTING IN FIELD IN CONJUNCTION WITH ARCHITECTURAL DEMOLITION AND NEW WORK PLANS PRIOR TO BID. ANY CONDUIT ROUTING NOTED ON FLOOR PLANS IS DIAGRAMMATIC.



FEEDER SCHEDULE

3Ø, 4W (ALUMINUM, U.O.N.)

TAG	FEEDER SIZES	RATING
A	(4) #8 & (1) #8 GRD - 1 1/4"C	40A
B	(4) #6 & (1) #8 GRD - 1 1/4"C	50A
C	(4) #4 & (1) #6 GRD - 1 1/2"C	65A
D	(4) #3 & (1) #6 GRD - 1 1/2"C	75A
E	(4) #2 & (1) #6 GRD - 2"C	90A
F	(4) #1 & (1) #6 GRD - 2"C	100A
G	(4) #1/0 & (1) #4 GRD - 2 1/2"C	120A
H	(4) #2/0 & (1) #4 GRD - 2 1/2"C	135A
I	(4) #3/0 & (1) #4 GRD - 2 1/2"C	155A
J	(4) #4/0 & (1) #4 GRD - 3"C	180A
K	(4) #250 & (1) #4 GRD - 3"C	205A
L	(4) #300 & (1) #2 GRD - 4"C	230A
M	(4) #350 & (1) #2 GRD - 4"C	250A
N	(4) #400 & (1) #2 GRD - 4"C	270A
O	(4) #500 & (1) #2 GRD - 4"C	310A
P	(4) #600 & (1) #1 GRD - 4"C	340A
Q	2 SETS (4) #4/0 & (1) #1 GRD - 3"C	360A
R	2 SETS (4) #250 & (1) #1 GRD - 3"C	410A
S	2 SETS (4) #300 & (1) #1/0 GRD - 4"C	460A
T	2 SETS (4) #350 & (1) #1/0 GRD - 4"C	500A
U	2 SETS (4) #400 & (1) #2/0 GRD - 4"C	540A
V	2 SETS (4) #500 & (1) #2/0 GRD - 4"C	620A
W	2 SETS (4) #600 & (1) #3/0 GRD - 4"C	680A
X	3 SETS (4) #300 & (1) #3/0 GRD - 4"C	690A
Y	3 SETS (4) #350 & (1) #3/0 GRD - 4"C	750A
Z	3 SETS (4) #400 & (1) #3/0 GRD - 4"C	810A
AA	3 SETS (4) #500 & (1) #4/0 GRD - 4"C	930A
A3	3 SETS (4) #600 & (1) #250 GRD - 4"C	1020A
BB	4 SETS (4) #500 & (1) #250 GRD - 4"C	1240A
CC	4 SETS (4) #600 & (1) #350 GRD - 4"C	1360A
DD	5 SETS (4) #600 & (1) #350 GRD - 4"C	1700A
EE	6 SETS (4) #600 & (1) #400 GRD - 4"C	2040A
FF	6 SETS (4) #750 & (1) #600 GRD - 4"C	2310A
GG	8 SETS (4) #600 & (1) #600 GRD - 4"C	2720A
HH	9 SETS (4) #600 & (1) #600 GRD - 4"C	3060A
II	9 SETS (4) #750 & (1) #600 GRD - 4"C	3465A
JJ	12 SETS (4) #600 & (1) #600 GRD - 4"C	4080A
KK	13 SETS (4) #750 & (1) #600 GRD - 4"C	5005A
CU	COPPER FEEDER, REFER TO COPPER FEEDER SCHEDULE	
VD	INCREASED FEEDER SIZE DUE TO VOLTAGE DROP	
CE	FEEDER ENCASED MIN. 2" CONCRETE	
US	CONDUIT RUN OUTSIDE OF BUILDING UNDER SLAB	

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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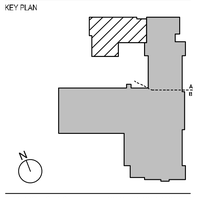

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MEMASI PROJECT NO.	101-2403

ELECTRICAL RISER DIAGRAM

E501

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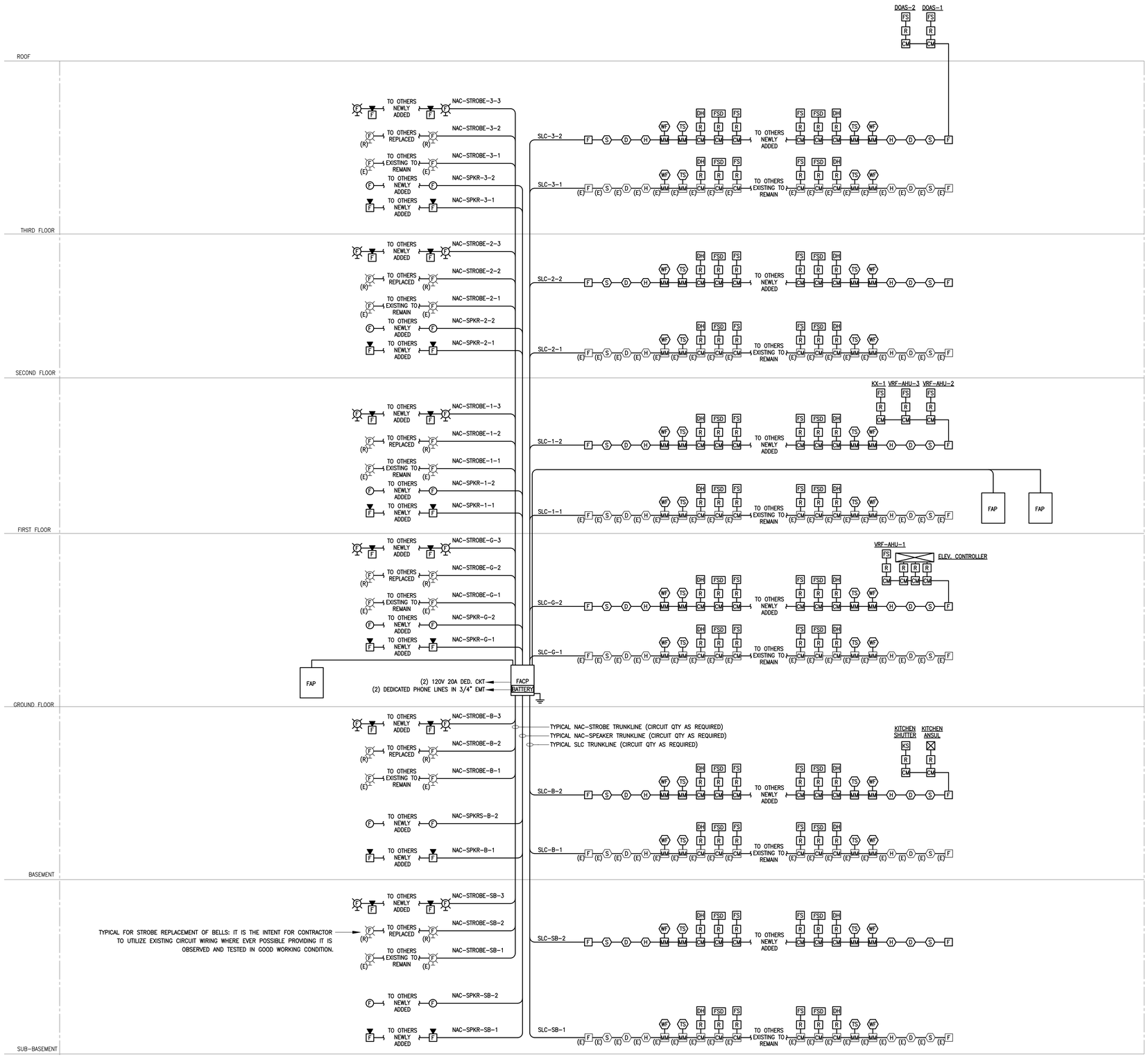

GENERAL NOTES:

1. PROVIDE ALL EQUIPMENT, PROGRAMMING & WIRING REQUIRED FOR A COMPLETE SYSTEM.
2. PROVIDE ALL FILING, PERMIT & FIRE DEPARTMENT INSPECTION FEES.
3. ALL NOTIFICATION AND SIGNAL LINE CIRCUITS SHALL BE CLASS B WIRING WITHOUT T-TAPPING OF CIRCUITS.
4. PROVIDE PRIMARY & SECONDARY PHONE LINES FOR CENTRAL OFFICE CONNECTION. CENTRAL OFFICE TELEPHONE WIRING SHALL BE INSTALLED IN CONDUIT.
5. ALL 120V CIRCUITS FOR THE FIRE ALARM SYSTEM SHALL BE DEDICATED CIRCUITS. PROVIDE LOCKABLE CIRCUIT BREAKERS FOR ALL FIRE ALARM CIRCUITS. THE BREAKERS FOR FIRE ALARM CIRCUITS SHALL BE RED.
6. REFER TO FLOOR PLANS FOR EXACT TYPE AND QUANTITY OF FIRE ALARM DEVICES.
7. COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE EXACT SEQUENCE OF OPERATIONS SHALL MATCH EXISTING APPROVED SEQUENCES.
8. SMOKE DETECTORS SHALL BE A MINIMUM OF 3 FEET FROM ALL SUPPLY DIFFUSERS.
9. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT WHEN RUN EXPOSED. PROVIDE CONDUIT CONCEALED IN WALLS UP TO ACCESSIBLE CEILING WITH INSULATING BUSHING FOR ALL WALL MOUNTED FIRE ALARM DEVICES.
10. PROVIDE A MINIMUM OF TWO ALTERNATELY CIRCUITED SPEAKER AND STROBE CIRCUITS PER FLOOR. MAINTAIN A MINIMUM OF 25% SPARE CAPACITY ON ALL ADDRESSABLE LOOPS AND ALL SPEAKER AND STROBE CIRCUITS.
11. STROBE LIGHTS SHALL BE ARRANGED FOR SYNCHRONIZED OPERATION ON A PER FLOOR BASIS.
12. ALL FIRE ALARM EQUIPMENT SHALL BE APPROVED BY LOCAL AHJ PRIOR TO INSTALLATION OF EQUIPMENT/DEVICES.
13. FIRE ALARM RISER IS A DIAGRAMMATIC REPRESENTATION OF THE SYSTEM.
14. ALL FIRE ALARM CABLING SHALL BE PLENUM RATED.
15. ALL FIRE ALARM NOTIFICATION DEVICES SHALL BE "WHITE".
16. ALL ELECTRONICALLY SECURED DOORS AND SLIDING FIRE DOORS SHALL BE TIED TO THE BUILDING'S FIRE ALARM SYSTEM SUCH THAT IN THE EVENT THAT THE FIRE ALARM SYSTEM IS ACTIVATED, THESE DOORS FAILSAFE CLOSE.
17. PROVIDE A 20A NON-EMERGENCY, 120V CIRCUIT FROM NEAREST CORRIDOR RECEPTACLE TO ALL DOORS WITH MAGNETIC HOLD OPENS.
18. PROVIDE A CONTROL MODULE AND RELAY FOR ALL FIRE SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND QUANTITIES. PROVIDE DUCT SMOKE DETECTORS TO ACTIVATE FIRE SMOKE DAMPERS AS REQUIRED.
19. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS THAT INCLUDE MANUFACTURER'S CUT SHEETS THAT INCLUDE EQUIPMENT MODEL NUMBERS, BATTERY CALCULATIONS, CONDUCTOR TYPE AND SIZES, VOLTAGE DROP CALCULATIONS, FLOOR PLANS, AND RISER DIAGRAMS.
20. THE FIRE ALARM INSTALLER AND VENDOR MUST BE LICENSED FOR FIRE ALARM INSTALLATION WITH THE NEW YORK DEPARTMENT OF STATE.
21. FIRE ALARM VENDOR TO COORDINATE AND SELECT FINAL CANDELA RATING FOR AL STROBE DEVICES AND APPLIANCES.

FIRE ALARM - SEQUENCE OF OPERATIONS

1. ACTIVATION OF A MANUAL PULL STATION SHALL:
   a. ANNUNCIATE AT THE MAIN FIRE ALARM CONTROL PANEL AND AT THE REMOTE ANNUNCIATOR.
   b. SEND ALARM INDICATION TO CENTRAL STATION COMPANY TO NOTIFY THE FIRE DEPARTMENT.
   c. ACTIVATE ALARM TONES ON ALL FLOORS. VOICE INSTRUCTIONS SHALL FOLLOW THE ALARM TONE.
2. ACTIVATION OF A SMOKE DETECTOR, HEAT DETECTOR, DUCT SMOKE DETECTOR, AND WATER FLOW SWITCH SHALL PERFORM FUNCTIONS LISTED IN a, b & c ABOVE AND:
   d. SHUTDOWN ALL AIR MOVERS > 2000CFM
   e. CLOSE ALL FIRE SMOKE DAMPERS
   f. CLOSE ALL SMOKE CONTROL DOORS
3. ACTIVATION OF AN ELEVATOR LOBBY, ELEVATOR MACHINE ROOM AND HOIST WAY SMOKE DETECTOR (AS APPLICABLE) SHALL PERFORM FUNCTIONS LISTED IN a, b, c, & d ABOVE AND:
   g. RECALL ALL ELEVATORS TO THE GROUND FLOOR (PROVIDE ALTERNATE RECALL AS PER NFPA).
4. ACTIVATION OF SPRINKLER TAMPER SWITCH SHALL ACTIVATE A SUPERVISORY SIGNAL AT THE THE FIRE CONTROL PANEL.

BASE BUILDING FIRE ALARM VENDOR IS EVERON SOLUTIONS.
CONTACT:
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- NICHOLASDELFICO@EVERONSOLUTIONS.COM
- 914-403-2697

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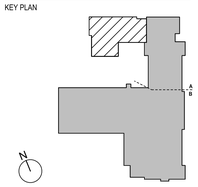

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FIRE ALARM RISER DIAGRAM

E502

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DISTRIBUTION PANELBOARD DESIGNATION : **SWBD-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	BUS RATING	4000 A
PHASE	3 Ø	MIN. K.A.I.C. SYM	200 K.A.I.C.	MAIN FUSED SWITCH	4000 A
WIRE	4 W + G	REMARKS			

CIRCUIT BREAKER NO.	FRAME	TRIP	ø	LOAD DESCRIPTION	LOAD	QUANTITY OF FEEDERS (SETS)	FEEDER (EACH) PHASE LEGS NO.	PHASE LEGS SIZE	NEUTRAL NO.	NEUTRAL SIZE	GROUND NO.	GROUND SIZE	INSULATION TYPE	CONDUIT SIZE	REMARKS
1	400A	400A	3	PPSB-1	120.2 KVA	REFER TO RISER DIAGRAM									
2	225A	225A	3	PPB-1	27.9 KVA	REFER TO RISER DIAGRAM									
3	100A	100A	3	PPG-3	17.1 KVA	REFER TO RISER DIAGRAM									
4	100A	100A	3	PP1-3	15.0 KVA	REFER TO RISER DIAGRAM									
5	100A	100A	3	PP2-3	13.5 KVA	REFER TO RISER DIAGRAM									
6	800A	800A	3	PPG-1	234.2 KVA	REFER TO RISER DIAGRAM									
7	400A	400A	3	PP3-1	103.5 KVA	REFER TO RISER DIAGRAM									
8	60A	35A	3	ACCU-B1	7.9 KVA	1	3A	8	_	_	1	10	_	3/4"C	
9	100A	80A	3	ACCU-3-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
10	100A	80A	3	ACCU-2-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
11	100A	80A	3	ACCU-1-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
12	100A	80A	3	ACCU-3-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
13	100A	80A	3	ACCU-2-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
14	100A	80A	3	ACCU-1-3	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
15	400A	350A	3	DOAS-1 CONNECTION #1	96.4 KVA	1	3A	400	_	_	1	3	_	4"C	
16	225A	175A	3	DOAS-1 CONNECTION #2	47.8 KVA	1	3A	400	_	_	1	3	_	4"C	
17	100A	80A	3	ACCU-AHU-1-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
18	100A	80A	3	ACCU-AHU-1-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
19	100A	60A	3	ACCU-1-4	19.8 KVA	1	3A	6	_	_	1	10	_	1-1/4"C	
20	100A	80A	3	ACCU-1-5	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
21	100A	60A	3	ACCU-3-3	21.2 KVA	1	3A	6	_	_	1	10	_	1-1/4"C	
22	100A	80A	3	ACCU-2-3	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
23	100A	80A	3	ACCU-4-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
24	225A	200A	3	DOAS-2 CONNECTION #1	53.5 KVA	1	3A	400	_	_	1	3	_	4"C	
25	225A	110A	3	DOAS-2 CONNECTION #2	29.9 KVA										
26	225A	200A	3	**SPARE**											
27	800A	800A	3	MDP-1 (BACK FEED FOR EXISTING SWITCHGEAR)	160.0 KVA	REFER TO RISER DIAGRAM									
28	100A	100A	3	**SPARE**											

PANEL DESIGNATION : **PPB-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN LUGS ONLY	N/A
WIRE	4 W + G			MAIN BUS	225 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ELEC ROOM REC	4280			DWH-2 3#8 + 1#10GRD IN 3/4"C	45A	2
3	20A	WATER SERVICE ROOM REC		4280				4
5	20A	BASEMENT REC			5000			6
7	20A	TOILET B09A REC	1688			ELEC RM UH-A	20A	8
9	20A	TOILET B09B REC		1688				10
11	20A	FOUNTAIN ANTEROOM B09 REC			1688	WATER SERVICE RM UH-A	20A	12
13	20A	STAIR D LIGHTING	1788					14
15	20A	BASEMENT LIGHTING		780		BASEMENT VRF	15A	16
17	20A	EXIT SIGNS			420			18
19	20A	***SPARE***	300			CP-A	20A	20
21	20A	**SPARE**		1500		TOILET B09A CUH-B	20A	22
23	20A	**SPARE**			1500			24
25	20A	**SPARE**	1500			TOILET B09B CUH-B	20A	26
27	20A	**SPARE**		1500				28
29	20A	**SPARE**			0	**SPARE**	20A	30
31	20A	**SPARE**	0			**SPARE**	20A	32
33	20A	**SPARE**		0		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37			0					38
39				0				40
41					0			42
TOTAL CONNECTED LOAD PER PHASE (kVA)			9.56	9.75	8.61			
TOTAL CONNECTED LOAD			27.91 KVA		77.5 A			
TOTAL DEMAND LOAD			27.91 KVA		77.5 A			

PANEL DESIGNATION : **PPG-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	CLASSROOM 22 SMARTBOARD REC	920			CLASSROOM VRF	15A	2
3	20A	CLASSROOM 22 REC		920				4
5	20A	CLASSROOM 22 REC			920	CORRIDOR AND CLASSROOM VRF	15A	6
7	20A	CORRIDOR C004	920					8
9	20A	CORRIDOR C004 FOUNTAIN		1020		CP-A	20A	10
11	20A	TOILET 23A			480	FSD	20A	12
13	20A	REC	180			**SPARE**	20A	14
15	20A	**SPARE**		0		**SPARE**	20A	16
17	20A	STORAGE 23C			280	**SPARE**	20A	18
19	20A	CLASSROOM 21 SMARTBOARD REC	720			**SPARE**	20A	20
21	20A	CLASSROOM 21 REC		720		**SPARE**	20A	22
23	20A	CLASSROOM 21 REC			720	**SPARE**	20A	24
25	20A	CLASSROOM 20 SMARTBOARD REC	720			**SPARE**	20A	26
27	20A	CLASSROOM 20 REC		720		**SPARE**	20A	28
29	20A	CLASSROOM 20 REC			720	**SPARE**	20A	30
31	20A	CLASSROOM 19 SMARTBOARD REC	720			**SPARE**	20A	32
33	20A	CLASSROOM 19 REC		720		**SPARE**	20A	34
35	20A	CLASSROOM 19 REC			720	**SPARE**	20A	36
37	20A	CLASSROOM LIGHTING	500			**SPARE**	20A	38
39	20A	CLASSROOM LIGHTING		500		**SPARE**	20A	40
41	20A	CORRIDOR C004 LIGHTING			500	**SPARE**	20A	42
43	20A	**SPARE**	0			**SPARE**	20A	44
45	20A	EMERGENCY SIGNS		0		**SPARE**	20A	46
47	20A	**SPARE**				**SPARE**	20A	48

PANEL DESIGNATION : **PP1-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE		GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	STORAGE 123C REC	1020			CLASSROOM VRF	15A	2
3	20A	TOILET 123B REC		1020				4
5	20A	TOILET 123B REC			1020	CORRIDOR, STAIR & CLASSROOM VRF	15A	6
7	20A	CLASSROOM 121 REC	1020					8
9	20A	CLASSROOM 121 REC		1120		CP-A	20A	10
11	20A	CLASSROOM 121 SMARTBOARD REC			920	FSD	20A	12
13	20A	CORRIDOR C103 FOUNTAIN	720			**SPARE**	20A	14
15	20A	CORRIDOR C103		720		**SPARE**	20A	16
17	20A	CLASSROOM 122 REC			720	**SPARE**	20A	18
19	20A	CLASSROOM 122 REC	720			**SPARE**	20A	20
21	20A	CLASSROOM 122 SMARTBOARD REC		720		**SPARE**	20A	22
23	20A	CLASSROOM 120 REC			720	**SPARE**	20A	24
25	20A	CLASSROOM 120 REC	720			**SPARE**	20A	26
27	20A	CLASSROOM 120 SMARTBOARD REC		720		**SPARE**	20A	28
29	20A	CLASSROOM 118 REC			720	**SPARE**	20A	30
31	20A	CLASSROOM 118 REC	720			**SPARE**	20A	32
33	20A	CLASSROOM 118 SMARTBOARD REC		720		**SPARE**	20A	34
35	20A	CLASSROOM 121 LIGHTING			300	**SPARE**	20A	36
37	20A	CORRIDOR C103	140			**SPARE**	20A	38
39	20A	CLASSROOM LIGHTING		540		**SPARE**	20A	40
41	20A	EXIT SIGNS			20	**SPARE**	20A	42
TOTAL CONNECTED LOAD PER PHASE (kVA)			5.06	5.56	4.42			
TOTAL CONNECTED LOAD			15.04 KVA		41.7 A			
TOTAL DEMAND LOAD			13.92 KVA		38.6 A			

PANEL DESIGNATION : **PP2-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE		GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	CLASSROOM 222 REC	900			ELEC CLSOET REC	20A	2
3	20A	CLASSROOM 222 REC		1440		CLASSROOM 221 REC	20A	4
5	20A	CLASSROOM 222 REC			1440	CLASSROOM 221 REC	20A	6
7	20A	CLASSROOM 220 REC	1440			CLASSROOM 221 REC	20A	8
9	20A	CLASSROOM 220 REC		920		CLASSROOM VRF	15A	10
11	20A	CLASSROOM 220 REC			920			12
13	20A	CLASSROOM 218 REC	920			CLASSROOM, CORRIDOR, & STAIRS VRF	15A	14
15	20A	CLASSROOM 218 REC		920				16
17	20A	CLASSROOM 218 REC			1120	CP-A	20A	18
19	20A	CORRIDOR REC	540			**SPARE**	20A	20
21	20A	CORRIDOR FOUNTAIN REC		1200		**SPARE**	20A	22
23	20A	TOILET 223A REC			360	**SPARE**	20A	24
25	20A	TOILET 223B REC	360			**SPARE**	20A	26
27	20A	CLASSROOM 221 LIGHTING		300		**SPARE**	20A	28
29	20A	CORRIDOR C204 LIGHTING			140	**SPARE**	20A	30
31	20A	CLASSROOM LIGHTING	540			**SPARE**	20A	32
33	20A	EXIT SIGNS		40		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42
TOTAL CONNECTED LOAD PER PHASE (kVA)			4.70	4.82	3.98			
TOTAL CONNECTED LOAD			13.50 KVA		37.5 A			
TOTAL DEMAND LOAD			12.86 KVA		35.7 A			

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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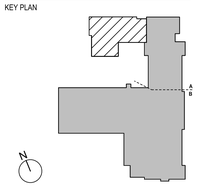
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL PANEL SCHEDULE SHEET1

E601

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PANEL DESIGNATION : **KP-2**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	84
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	400 A
WIRE	4 W + G			MAIN BUS	400 A
SURFACE MOUNTED	X	STAINLESS STEEL	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	EXIT SIGNS	400			KITCHEN VRF	15A	2
3	20A	KITCHEN LIGHTS		800				4
5	20A	MILK COOLER (100) *G			3542	CP-A	20A	6
7	30A	HOT FOOD STATION (101)	3208			KX-1	20A	8
9				4608		EXHUAST HOOD (113)	20A	10
11	20A	BREATH GUARD (102)			1900	FIRE SUPRESSION SYSTEM (114)	20A	12
13	20A	HOT/COLD FOOD STATION (103)	9867			DOUBLE COMBINATION OVEN (115) 3#4 + 1#8GRD IN 1-1/4"C	80A	14
15	20A	BREATH GUARD (104)		7567				16
17	20A	COLD FORD STATION (105)			8055			18
19	20A	BREATH GUARD (106)	4100			ELECTRIC GRIDDLE COUNTER TOP (116) 3#8 + 1#10GRD IN 3/4"C	45A	20
21	20A	CASHIER STATION (107)		5200				22
23	15A	REACH IN HEATED CABINET (112)			4750			24
25			1050			CHEF BASE (117)	20A	26
27	20A	REACH IN FRIDGE (123) *G		6467		HD RANGE (118) 3#4 + 1#8GRD IN 1-1/4"C	70A	28
29	20A	HAND SINK REC (124)			5867			30
31	20A	MICROWAVE (128)	7377					32
33	20A	WALK IN COLER (131) *G		7817		DISHWASHER (145) 3#4 + 1#8GRD IN 1-1/4"C	70A	34
35	20A	ICE MAKER BIN (142)			7317			36
37	20A	HAND SINK REC & STORAGE REC (143)	6777					38
39	20A	**SPARE**		100		FIRE SHUTTER DOOR	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42
43	20A	**SPARE**	0			**SPARE**	20A	44
45	20A	**SPARE**		0		**SPARE**	20A	46
47	20A	**SPARE**			0	**SPARE**	20A	48
49	20A	**SPARE**	0			**SPARE**	20A	50
51	20A	**SPARE**		0		**SPARE**	20A	52
53	20A	**SPARE**			0	**SPARE**	20A	54
55	20A	**SPARE**	0			**SPARE**	20A	56
57	20A	**SPARE**		0		**SPARE**	20A	58
59	20A	**SPARE**			0	**SPARE**	20A	60
61	20A	**SPARE**	0			**SPARE**	20A	62
63	20A	**SPARE**		0		**SPARE**	20A	64
65	20A	**SPARE**			0	**SPARE**	20A	66
67	20A	**SPARE**	0			**SPARE**	20A	68
69				0				70
71					0			72
73			0					74
75				0				76
77					0			78
79			0					80
81				0				82
83					0			84

TOTAL CONNECTED LOAD PER PHASE (kVA)	32.78	32.56	31.43	
TOTAL CONNECTED LOAD	96.77 KVA			268.6 A
TOTAL DEMAND LOAD	91.66 KVA			254.4 A

NOTES:
*G: DENOTES GFCI CIRCUIT BREAKER

PANEL DESIGNATION : **PPSB-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	400 A
WIRE	4 W + G			MAIN BUS	400 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	BOILER ROOM REC	18180			DWH-1A 3#3/0 + 1#6GRD IN 2"C	200A	2
3	20A	HWCP-1		18200				4
5	20A	CP-A			18500			6
7	15A	SUB-BASEMENT VRF	18200			DWH-1B 3#3/0 + 1#6GRD IN 2"C	200A	8
9				18200				10
11	20A	**SPARE**			18000			12
13	20A	**SPARE**	3502			ACCU-SB-1 ROOF 3#8 + 1#10GRD IN 1"C	40A	14
15	20A	**SPARE**		3502				16
17	20A	**SPARE**			3502			18
19	20A	**SPARE**	180			ROOF REC	20A	20
21	20A	**SPARE**		200		EF-4	20A	22
23	20A	**SPARE**			0	**SPARE**	20A	24
25	20A	**SPARE**	0			**SPARE**	20A	26
27	20A	**SPARE**		0		**SPARE**	20A	28
29	20A	**SPARE**			0	**SPARE**	20A	30
31			0					32
33				0				34
35					0			36
37			0					38
39				0				40
41					0			42

TOTAL CONNECTED LOAD PER PHASE (kVA)	40.06	40.10	40.00
TOTAL CONNECTED LOAD	120.17 KVA		333.5 A
TOTAL DEMAND LOAD	120.17 KVA		333.5 A

PANEL DESIGNATION : **PPG-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	84
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	800 A
WIRE	4 W + G			MAIN BUS	800 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	400A	KP-2	35239			PPG-2	100A	2
3				34679				4
5					32971			6
7	100A	PP2-1	11880			PP1-2	100A	8
9				7520				10
11					6420			12
13	100A	PP1-1	15420			PP2-2	100A	14
15				13820				16
17					8220			18
19	20A	FACP	1100			STAIR E & CLASSROOM CP-A	20A	20
21	15A	STAIR E E & CLASSROOM VRF		700		CLASSROOM & CORRIDOR CP-A	20A	22
23					700	CLASSROOM CP-A	20A	24
25	15A	CLASSROOM & CORRIDOR VRF	480			AUDITORIUM ROOF REC	20A	26
27				6040		ACCU-AHU-2 3#6 + 1#10GRD IN 3/4"C	60A	28
29	15A	CLASSROOM VRF			6040			30
31			6040					32
33	50A	VRF AHU-1-1 3#8 +1#10GRD IN 3/4"C		9770		ACCU-AHU-3 3#6 + 1#10GRD IN 3/4"C	60A	34
35					9770			36
37			9770					38
39	35A	VRF AHU-2 3#8 +1#10GRD IN 3/4"C		2880		AREA A CLASSROOM LIGHTING	20A	40
41					2440	STAIR B	20A	42
43			2820			AREA A CLASSROOM LIGHTING	20A	44
45	35A	VRF AHU-3 3#8 +1#10GRD IN 3/4"C		2600		CORRIDOR C001	20A	46
47					2540	STAIR E	20A	48
49			2420			EXIT SIGNS	20A	50
51	20A	FACP		1000		**SPARE**	20A	52
53	20A	CLASSROOM 14 REC			900	**SPARE**	20A	54
55	20A	**SPARE**	0			**SPARE**	20A	56
57	20A	**SPARE**		0		**SPARE**	20A	58
59	20A	**SPARE**			0	**SPARE**	20A	60
61			0					62
63				0				64
65					0			66
67			0					68
69				0				70
71					0			72
73			0					74
75				0				76
77					0			78
79			0					80
81				0				82
83					0			84

TOTAL CONNECTED LOAD PER PHASE (kVA)	85.17	79.01	70.00	
TOTAL CONNECTED LOAD	234.18 KVA			650.0 A
TOTAL DEMAND LOAD	234.18 KVA			650.0 A

PANEL DESIGNATION : **PPG-2**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	GYMNASIUM LIGHTING	820			LOCKER RMS VRF	15A	2
3	20A	**SPARE**		300				4
5	20A	STAIR C LIGHTING			580	CP-A	20A	6
7	20A	CORRIDOR C001 LIGHTING	680			CAFETERIA VRF	15A	8
9	20A	BOY'S LOCKER LIGHTING		780				10
11	20A	GIRL'S LOCKER LIGHTING			600	CP-A	20A	12
13	20A	STAIR A LIGHTING	600			EF-1	20A	14
15	20A	EXIT SIGNS		540		ROOF REC	20A	16
17	20A	**SPARE**			360	IT HELP DESK REC	20A	18
19	20A	**SPARE**	360			IT HELP DESK REC	20A	20
21	20A	**SPARE**		500		FIRE SMOKE DAMPERS	20A	22
23	20A	**SPARE**			0	**SPARE**	20A	24
25	20A	**SPARE**	0			**SPARE**	20A	26
27	20A	**SPARE**		0		**SPARE**	20A	28
29	20A	**SPARE**			0	**SPARE**	20A	30
31	20A	**SPARE**	0			**SPARE**	20A	32
33	20A	**SPARE**		0		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42

TOTAL CONNECTED LOAD PER PHASE (kVA)	2.46	2.12	1.54	
TOTAL CONNECTED LOAD	6.12 KVA			17.0 A
TOTAL DEMAND LOAD	6.12 KVA			17.0 A

PANEL DESIGNATION : **PP1-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	84
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	225 A
WIRE	4 W + G			MAIN BUS	225 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	DEDICATED STORAGE REC	1500			ENTRANCE VESTIBULE & MAIL RM VRF	15A	2
3	20A	DEDICATED STORAGE REC		1500				4
5	20A	MAIN OFFICE COPIER			1500	MAIN OFFICE AND CONFERENCE RM VRF	15A	6
7	20A	MAIN OFFICE WORKSTATION REC	840					8
9	20A	MAIN OFFICE WORKSTATION REC		840		NURSE, STAIR, CLASSRM101 & 102 VRF	15A	10
11	20A	DEDICATED MAIN OFFICE REC			1300			12
13	20A	DEDICATED MAIN OFFICE REXC	1400			CP-A	20A	14
15	20A	MAIN OFFICE CONVIENENCE REC		860		FIRE SMOKE DAMPERS	20A	16
17	20A	PRINCIPAL OFFICE REC			720	**SPARE**	20A	18
19	20A	PRINCIPAL OFFICE TV REC	720			**SPARE**	20A	20
21	20A	PRINCIPAL OFFICE DESK REC		720		**SPARE**	20A	22
23	20A	CONFERENCE RM REC			720	**SPARE**	20A	24
25	20A	CONFERENCE RM TV REC	720			**SPARE**	20A	26
27	20A	CORRIDOR C101 LIGHTING		180		**SPARE**	20A	28
29	20A	EXIT SIGNS			40	**SPARE**	20A	30
31	20A	CLASSROOM LIGHTING	560			**SPARE**	20A	32
33	20A	CLASSROOM LIGHTING		420		**SPARE**	20A	34
35	20A	CONFERENCE RM WIREMOLD			1080	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42

TOTAL CONNECTED LOAD PER PHASE (kVA)	5.74	4.52	5.36	
TOTAL CONNECTED LOAD	15.62 KVA			43.4 A
TOTAL DEMAND LOAD	14.76 KVA			41.0 A

PANEL DESIGNATION : **PP1-2**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	PSYCHOLOGIST 115 SMARTBOARD	1020			CLASSRM 116, 114, CORRIDOR & STAIR E VRF	15A	2
3	20A	PSYCHOLOGIST 115 REC		1020				4
5	20A	SOCIAL WORKER 111B SMARTBOARD			660	MATH 112, CLASSRM 110, & PHY 108 VRF	15A	6
7	20A	SOCIAL WORKER 111B REC	480					8
9	20A	SOCIAL WORKER 111A SMARTBOARD		660		CLASSRM 117 & OFFICE VRF	15A	10
11	20A	SOCIAL WORKER 111A REC			480			12
13	20A	CLASSROOM LIGHTING	1500			EXTERIOR LIGHTING	20A	14
15	20A	CORRIDOR C101-102 LIGHTING		540		DESK REC	20A	16
17	20A	SOCIAL WORKER LIGHTING			840	CP-A	20A	18
19	20A	EXIT SIGNS	960			CLASSROOM 116 REC	20A	20
21	20A	CORRIDOR 192 LIGHTING		0		**SPARE**	20A	22
23	20A	**SPARE**			0	**SPARE**	20A	24
25	20A	**SPARE**	0			**SPARE**	20A	26
27	20A	**SPARE**		0		**SPARE**	20A	28
29	20A	**SPARE**			0	**SPARE**	20A	30
31	20A	**SPARE**	0			**SPARE**	20A	32
33	20A	**SPARE**		0		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42

TOTAL CONNECTED LOAD PER PHASE (kVA)	3.96	2.22	1.98	
TOTAL CONNECTED LOAD	8.16 KVA			22.6 A
TOTAL DEMAND LOAD	8.16 KVA			22.6 A

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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ISSUED FOR BID	03/27/2026
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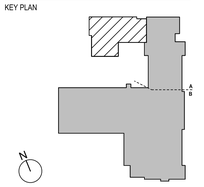
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL PANEL SCHEDULE SHEET2

E602

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PANEL DESIGNATION : **PP2-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	DEDICATED LIBRARY DESK REC	1920			ASSOC PRINCIPAL OFFICE REC	20A	2
3	20A	LIBRARY SMARTBOARD REC		1440		ASSOC PRINCIPAL OFFICE REC	20A	4
5	20A	LIBRARY REC			560	CORRIDOR VRF	15A	6
7	20A	STEM LAB REC	920					8
9	20A	STEM LAB REC		920		CLASSROOM VRF	15A	10
11	20A	STEM LAB CORD REEL			1200			12
13	20A	STEM LAB CORD REEL	1200			CLASSROOM VRF	15A	14
15	20A	STEM LAB CORD REEL		1200				16
17	20A	STEM LAB CORD REEL			1400	CP-A	20A	18
19	20A	STEM LAB CORD REEL	2100			FIRE SMOKE DAMPERS, SMOKE DAMPERS	20A	20
21	20A	STEM LAB CORD REEL		1100		EXTERIOR LIGHTING	20A	22
23	20A	STEM LAB CORD REEL			1000	**SPARE**	20A	24
25	20A	STEM LAB CORD REEL	1000			**SPARE**	20A	26
27	20A	STEM LAB LIGHTING		540		**SPARE**	20A	28
29	20A	CORRIDOR C201 LIGHTING			280	**SPARE**	20A	30
31	20A	STEM LAB LIGHTING	780			**SPARE**	20A	32
33	20A	EXIT SIGNS		100		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42
TOTAL CONNECTED LOAD PER PHASE (kVA)			7.92	5.30	4.44			
TOTAL CONNECTED LOAD			17.66 KVA			49.0 A		
TOTAL DEMAND LOAD			16.08 KVA			44.6 A		

PANEL DESIGNATION : **PP2-2**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ART CLASSROOM 215 REC	920			NORTH CLASSROOMS, CORRIDOR & STAIRS VRF	15A	2
3	20A	ART CLASSROOM 215 REC		920				4
5	20A	ART CLASSROOM 215 REC			920	NORTH CP-A	20A	6
7	20A	ORCHESTRA ROOM 210	920			CLASSROOMS & CORRIDOR VRF	15A	8
9	20A	ORCHESTRA ROOM 210		920				10
11	20A	ORCHESTRA ROOM 210			920	CP-A	20A	12
13	20A	MUSIC PRACTICE RM 211B	1620			CLASSROOM 216 REC	20A	14
15	20A	MUSIC PRACTICE RM 211B		1720		FIRE SMOKE DAMPERS, SMOKE DAMPERS	20A	16
17	20A	MUSIC PRACTICE RM 211B			720	**SPARE**	20A	18
19	20A	CORRIDOR REC	360			**SPARE**	20A	20
21	20A	MUSIC/ART LIGHTING		700		**SPARE**	20A	22
23	20A	CORRIDOR C202/203 LIGHTING			300	**SPARE**	20A	24
25	20A	BAND ROOM LIGHTING	860			**SPARE**	20A	26
27	20A	EXIT SIGNS		40		**SPARE**	20A	28
29	20A	**SPARE**			0			30
31	60A	KILN POWER 2#6 + 1#10GND IN 3/4"C	5000					32
33				5000				34
35					0			36
37			0					38
39				0				40
41					0			42
TOTAL CONNECTED LOAD PER PHASE (kVA)			9.68	9.30	2.86			
TOTAL CONNECTED LOAD			21.84 KVA			60.6 A		
TOTAL DEMAND LOAD			21.84 KVA			60.6 A		

PANEL DESIGNATION : **PP3-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	84
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	400 A
WIRE	4 W + G			MAIN BUS	400 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ROOF I REC	700			EF-5	20A	2
3	20A	ROOF C REC		700		EF-3	20A	4
5	20A	ROOF REC			1872	ACCU-1	20A	6
7	60A	ACCU-2-4 3#6 + 1#10GRD IN 1"C	6640					8
9				6640		ACCU-2	20A	10
11					6640			12
13	70A	ACCU-2-5 3#4 + 1#8GRD IN 1-1/4"C	8572			CUH-B STAIRS	20A	14
15				8572				16
17					8572	CUH-B STORAGE CLOSET	20A	18
19	60A	ACCU-3-4 3#6 + 1#10GRD IN 1"C	6768					20
21				6768		CUH-B SINGLE OCCUPANT RESTROOM	20A	22
23					6768			24
25	80A	ACCU-3-5 3#4 + 1#8GRD IN 1-1/4"C	8322			FTR-A GREENHOUSE	20A	26
27				8322				28
29					8322	FTR-A GREENHOUSE	20A	30
31	15A	WEST CLASSROOM & CORRIDOR VRF	1450					32
33				1450		FTR-A GREENHOUSE	20A	34
35	15A	EAST CLASSROOM VRF			1450			36
37			1700			CUH-B STORAGE CLOSET	20A	38
39	20A	CP-A		1700				40
41	20A	3RD FL CORRDIOR LIGHTING			500	EX-7	20A	42
43	20A	3RD FL CLASSROOM LIGHTING WEST	500			FIRE SMOKE DAMPERS	20A	44
45	20A	3RD FL CLASSROOM LIGHTING EAST		300		**SPARE**	20A	46
47	20A	ATTIC LIGHTING			300	**SPARE**	20A	48
49	20A	**SPARE**	0			**SPARE**	20A	50
51	20A	**SPARE**		0		**SPARE**	20A	52
53	20A	**SPARE**			0	**SPARE**	20A	54
55	20A	**SPARE**	0			**SPARE**	20A	56
57	20A	**SPARE**		0		**SPARE**	20A	58
59	20A	**SPARE**			0	**SPARE**	20A	60
61			0					62
63				0				64
65					0			66
67			0					68
69				0				70
71					0			72
73			0					74
75				0				76
77					0			78
79			0					80
81				0				82
83					0			84
TOTAL CONNECTED LOAD PER PHASE (kVA)			34.65	34.45	34.42			
TOTAL CONNECTED LOAD			103.53 KVA			287.4 A		
TOTAL DEMAND LOAD			103.53 KVA			287.4 A		

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2024 CAPITAL BOND PROJECT - PHASE 2

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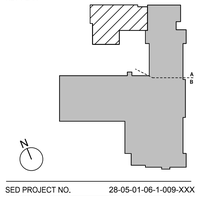

SED PROJECT NO. 28-05-01-06-1-009-XXX
MEMASI PROJECT NO. 101-2403

ELECTRICAL PANEL SCHEDULES SHEET3

E603

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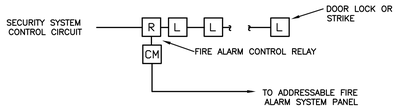
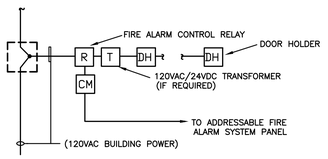


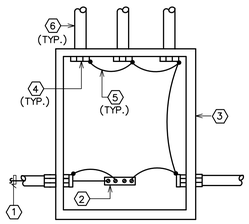
UPON ALARM CONDITION, FIRE ALARM RELAY SHALL BREAK SECURITY SYSTEM CONTROL/POWER CIRCUIT AND CAUSE ELECTRIC STRIKES TO RELEASE FAIL-SAFE



UPON ALARM CONDITION, FIRE ALARM SYSTEM SHALL DE-ENERGIZE THE ADDRESSABLE FIRE ALARM RELAY AND THUS BREAK PRIMARY POWER TO DOOR HOLDER, EITHER DIRECTLY OR VIA TRANSFORMER CAUSING DOOR HOLDERS TO RELEASE FAIL-SAFE.
UTILIZING SECURITY SYSTEM CONTROL TO RELEASE DOORS IS NOT ACCEPTABLE.

FIRE ALARM DOOR SECURITY FAIL-SAFE DIAGRAM

N.T.S.

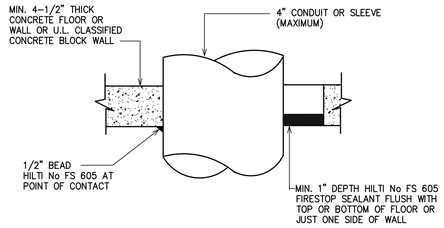


RACEWAY EQUIPMENT GROUNDING SYSTEM

N.T.S.

1. SYSTEM EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC TABLE 250.122
2. PANELBOARD EQUIPMENT GROUND BUS
3. SERVICE ENTRANCE EQUIPMENT SWITCHBOARD/ PANELBOARD ENCLOSURE.
4. GROUNDING BUSHING
5. BONDING JUMPER INSTALLED AS PER NEC ARTICLE 250
6. METAL CONDUIT, TYPICAL



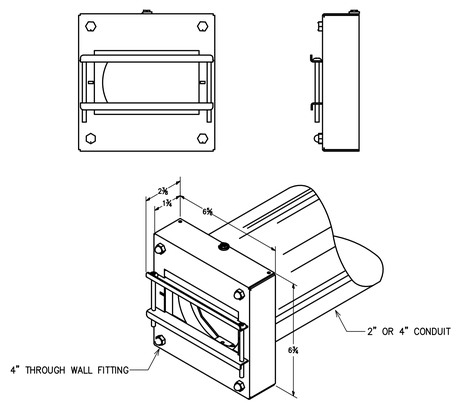


DETAIL OF CONDUIT THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL

N.T.S.

NOTES:

1. CONDUIT MAY BE CENTERED OR OFFSET IN HOLE. MAXIMUM DIAMETER OF HOLE OPENING IS 14 INCHES.
2. TEMPORARY FORMS MAY BE REQUIRED TO SUPPORT THE FIRESTOP SEALANT WHILE IT CURES.
3. FOR CONDUIT SLEEVE INSTALATIONS PROVIDE AROUND CONDUCTORS WITHIN SLEEVE.



TYPICAL CONDUIT THRU-WALL FIRESTOPPING DETAIL

N.T.S.

NOTES:

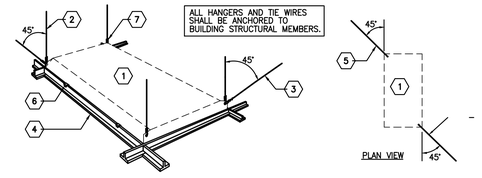
1. CONTRACTOR TO PROVIDE FITTING ON EACH END OF CONDUIT(S). FOR 4" CONDUITS UTILIZE WIREMOLD FLAMSTOPPER CAT No.FS4-FY. FOR 2" CONDUITS UTILIZE WIREMOLD FLAMSTOPPER CAT No.FS2-FY. AT CONTRACTORS OPTION, UTILIZE PRE-CUT 2", 4" CONDUITS, WIREMOLD CAT No.FSPCC2725 OR FSPCC4725 RESPECTIVELY. PRE-CUT CONDUITS ARE 7-5/16" IN LENGTH. PROVIDE ADEQUATE SPACING BETWEEN CONDUIT BANKS TO ALLOW FOR INSTALLATION OF FITTING.
2. DETAIL/SPECIFICATIONS APPLICABLE FOR ALL LOW VOLTAGE CABLING PASSING THROUGH ALL FIRE RATED WALLS. CONTRACTOR SHALL REFERENCE ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
3. IF UTILIZED IN CONJUNCTION WITH CABLE TRAY, PROVIDE GROUND HARDWARE AND CONNECTIONS AS REQUIRED.

TYPICAL EMERGENCY LIGHTING FIXTURE WIRING DIAGRAM

N.T.S.

NOTES:

1. WIRING DIAGRAMS ARE APPLICABLE TO 'T-5', 'T-8 ' AND COMPACT FLUORESCENT TYPE EMERGENCY BALLAST AS MODIFIED BY FOLLOWING NOTES.
2. FOR FIXTURES WITH COMPACT FLUORESCENT TYPE LAMPS, CHARGEING INDICATOR LIGHT IS WIRED ADJACENT TO FIXTURE, WITH TEST BUTTON ON COMMON FACEPLATE.
3. ALL WIRING INDICATED EXTERNAL TO FIXTURE IS BRANCH CIRCUIT WIRING TO BE RUN IN CONDUIT. TEST SWITCH AND CHARGEING INDICATOR LIGHT SHALL BE WIRED IN ACCORDANCE WITH MANUFACTURERS WIRING DIAGRAMS.
4. EMERGENCY BALLAST SHALL BE BODINE CAT.#B30 FOR T-8 AND T-12 LAMPS, BODINE CAT.# B426 FOR 2 PIN COMPACT LAMPS, BODINE CAT.# B413 FOR 2 PIN TWIN TUBE AND QUAD LAMPS, AND BODINE CAT.# 94C FOR 4 PIN LAMPS W/O STARTER.

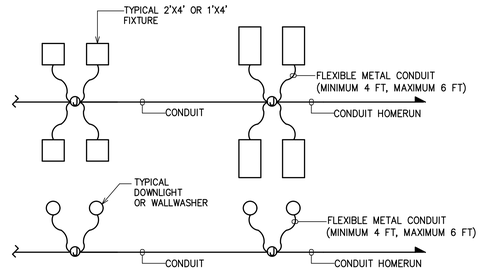


NOTES:

1. RECESSED LED LIGHT FIXTURE
2. #12 AWG HANGER WIRE (VERTICAL AT FOUR CORNERS)
3. #12 AWG TIE WIRE (45° DIAGONAL AT OPPOSITE CORNERS)
4. T-BAR GRID (TYPICAL)
5. TIE WIRE
6. CADDY T-BAR CLIP FOR SECURING FIXTURE TO T-BAR GRID (4/FIXT.)
7. MINIMUM 4 TURNS WITHIN FIRST 1-1/2" (VERTICAL)

RECESSED LAY-IN FIXTURE SEISMIC BRACING

N.T.S.

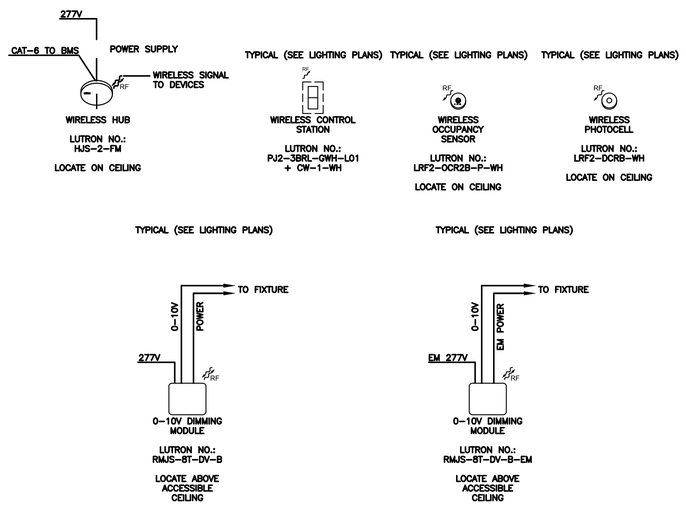


TYPICAL LIGHTING FIXTURE CIRCUITING DETAIL

N.T.S.

NOTE:

1. LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH FIXTURE ON THE LIGHTING DRAWINGS.
2. ARMORED CABLE MAYBE PROPOSED AS AN ALTERNATE TO CONDUIT. REFER TO SPECIFICATION.

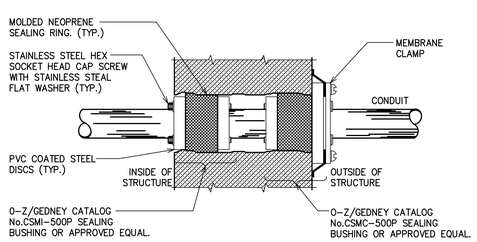


LIGHTING CONTROLS WIRING DIAGRAM

N.T.S.

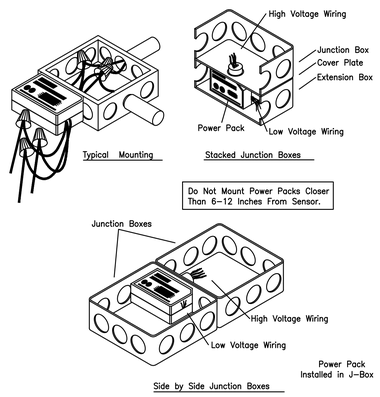
NOTES:

1. COORDINATE WIRELESS HUB CONNECTION TO BASE BUILDING BMS WITH BUILDING ENGINEER, ONLY AS INDICATED ON THIS SET OF DRAWINGS. IF NOT SPECIFICALLY INDICATED, THEN IT'S NOT REQUIRED



EXTERIOR WALL PENETRATION DETAIL

N.T.S.



POWER PACK INSTALLATION DETAIL

N.T.S.

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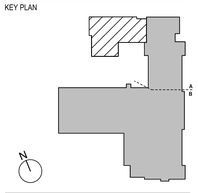
KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX
MEMASI PROJECT NO. 101-2403

ELECTRICAL DETAILS SHEET 1

E701

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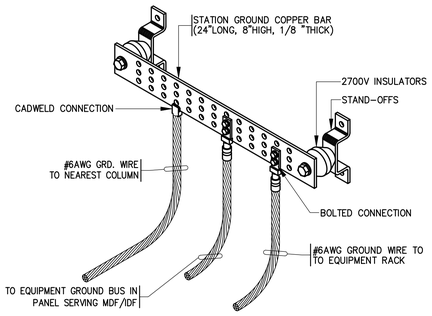
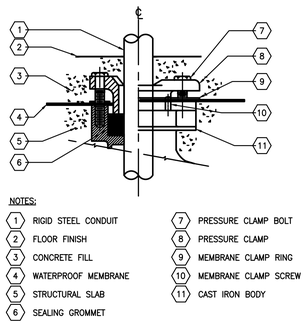
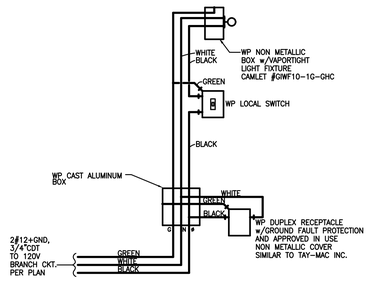


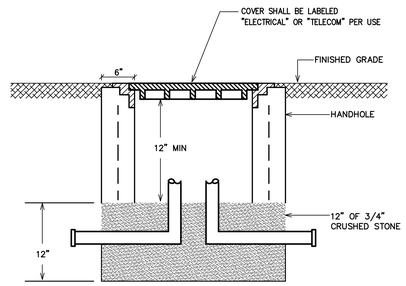
EQUIPMENT GROUNDING BAR ASSEMBLY
N.T.S.



FLOOR SLEEVE
N.T.S.



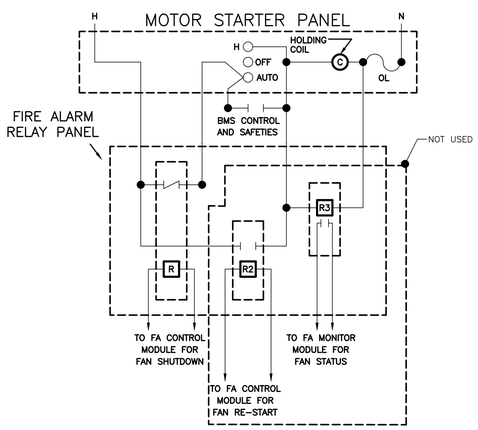
ROOF TOP MAINTENENCE UNIT LTG/PWR DETAIL
N.T.S.



UNDERGROUND HANDHOLE DETAIL
N.T.S.

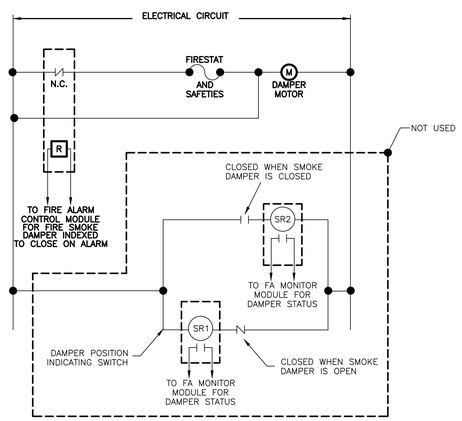
NOTES:

1. HANDHOLES SHALL BE:
   PARKING LOT: POLYMER CONCRETE, HUBBELL QUAZITE BOX T-22 WITH T-15 COVERS OR APPROVED EQUAL.
   SIDEWALKS/GRASS: POLYMER CONCRETE, HUBBELL QUAZITE BOX T-15 WITH T-8 COVERS OR APPROVED EQUAL.
   DRIVEWAYS: PRE-CAST CONCRETE H-20 LOADING
2. HANDHOLES SHALL BE SIZED PER NEC.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE HANDHOLES AS REQUIRED BY FIELD VERIFIED CONDUIT ROUTING.
4. COORDINATE WITH HAND HOLE MANUFACTURER'S FOR EXACT INSTALLATION DETAIL.



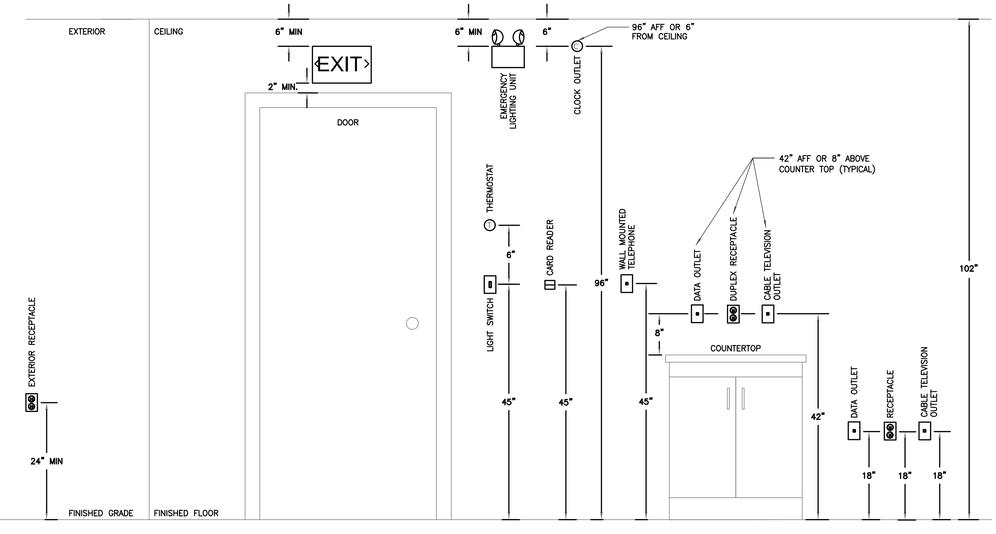
SHOWN ON DRAWINGS AS CM FS

WIRING DIAGRAM FOR FANS REQUIRING CONTROL FROM FIRE ALARM SYSTEM*
N.T.S.



SHOWN ON DRAWINGS AS SD & FSD

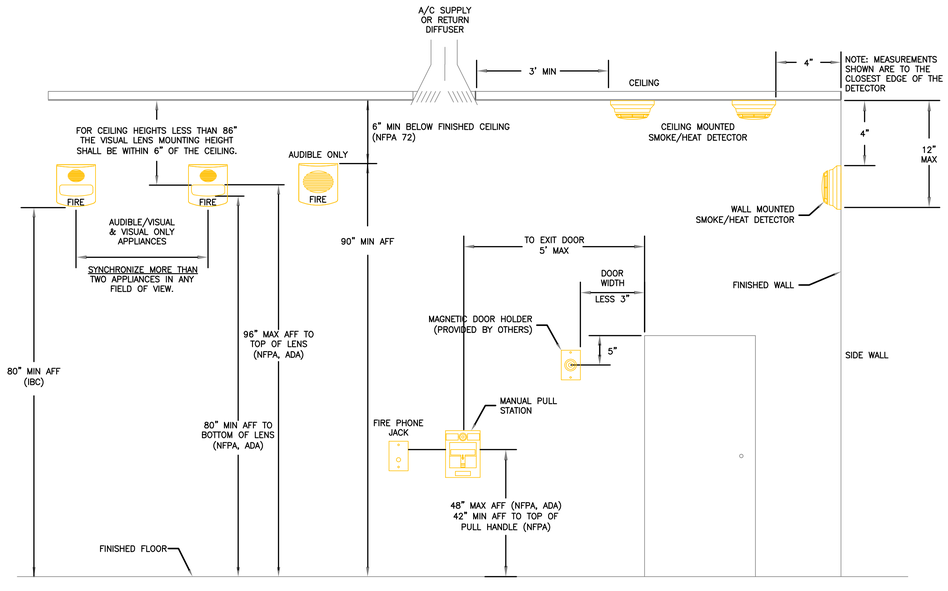
WIRING DIAGRAM FOR FIRE SMOKE DAMPER CONTROL
N.T.S.



NOTES:

1. MOUNTING HEIGHT NOTED HERE ARE STANDARD, IF SPECIFIC MOUNT HEIGHTS ARE NOT NOTED ON PLANS OR IN THE SPECIFICATIONS.

TYPICAL DEVICE MOUNTING HEIGHTS
N.T.S.



FIRE ALARM DEVICE MOUNTING DETAIL
N.T.S.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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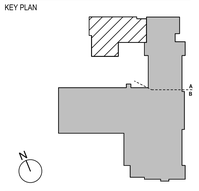
KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL DETAILS SHEET 2

E702

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ABBREVIATIONS LIST

(NOT ALL ABBREVIATIONS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
BOP	BOTTOM OF PIPE
BVA	BALANCING VALVE ASSEMBLY
CODP	CLEANOUT DECKPLATE
CO	CLEANOUT
CLG	CEILING
CONN	CONNECT / CONNECTION
CONT	CONTINUE / CONTINUATION
CV	CHECK VALVE
CVO	CAPPED VALVED OUTLET
CW	DOMESTIC COLD WATER
DIA	DIAMETER
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER
DCV	DOUBLE CHECK VALVE BACKFLOW PREVENTER
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DW	DISHWASHER
DWG	DRAWING
ED	EJECTOR PUMP DISCHARGE
E	EXISTING
ER	EXISTING TO BE REMOVED
FAI	FRESH AIR INLET
FD	FLOOR DRAIN
FL	FLOOR
FLS	FLOOR SINK
FS	FLOW SWITCH
FT	FEET
FU	FIXTURE UNIT(S)
G	GAS
GV	GATE VALVE
GAL	GALLONS
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
HB	HOSE BIBB
HCLG	HUNG CEILING
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRCULATION
IN	INCH
IW	INDIRECT WASTE
JS	JANITOR'S SINK
LAV	LAVATORY
LB	LAUNDRY BOX
MAX	MAXIMUM
MB	MANUFACTURED BY
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NFWH	NON-FREEZE WALL HYDRANT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PD	PUMP DISCHARGE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH - GAUGE
RD	ROOF DRAIN
RDO	ROOF OVERFLOW DRAIN
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SANITARY/SOIL
SD	SUMP PUMP DISCHARGE
SPDR	STANDPIPE DRAIN
SH	SHOWER
SK	SINK
SQFT	SQUARE FEET
ST	STORM
TS	TAMPER SWITCH
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UP	UP (PENETRATES FLOOR SLAB)
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WH	WALL HYDRANT

SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

S	SANITARY/SOIL PIPING
W	WASTE PIPING
IW	INDIRECT WASTE PIPING
ED	EJECTOR PUMP DISCHARGE PIPING
SD	SUMP PUMP DISCHARGE PIPING
ST	STORM WATER PIPING
	VENT PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER RECIRCULATION PIPING
G	NATURAL GAS PIPING
	ARROW REPRESENTS DIRECTION OF FLOW
	PIPING WITH FREEZE PROTECTION CABLE UNDER INSULATION
	BURIED SANITARY/SOIL, WASTE, VENT, OR STORM PIPING
— X— — X— — X— — X— —	PIPING TO BE DEMOLISHED
	PIPE BREAK
	CAPPED OUTLET
	CLEANOUT / PLUGGED OUTLET
	FRESH AIR INLET
	CLEANOUT DECK PLATE
	P-TRAP
	HOSE BIBB
	PIPE DROP / DOWN
	PIPE RISE / UP
	PIPE BOTTOM CONNECTION
	PIPE TOP CONNECTION
	PIPE SIDE CONNECTION
	VACUUM BREAKER
	SHOCK ARRESTOR
	DRAIN
	HOUSE TRAP
	PUMP
	VENT THROUGH ROOF
	WATER METER
	WATERPROOF SLEEVE
	UNION
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	BALANCING VALVE ASSEMBLY
	FLOW SWITCH
	PRESSURE SWITCH
	CHECK VALVE
	BALL VALVE
	GATE VALVE
	PLUG VALVE
	MIXING VALVE
	OUTSIDE SCREW & YOKE VALVE
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	GAS PRESSURE REGULATOR
	WALL HYDRANT
	POINT OF DISCONNECTION FROM EXISTING PIPING
	POINT OF CONNECTION TO EXISTING PIPING
	PLUMBING RISER DESIGNATION — RISER NUMBER
	GAS RISER DESIGNATION — RISER NUMBER
	STORM RISER DESIGNATION — RISER NUMBER

GENERAL NOTES

(NOT ALL NOTES SHOWN ARE NECESSARILY APPLICABLE TO THIS PROJECT)

1. ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
2. THE ENTIRE INSTALLATION SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO MAKING NEW CONNECTIONS TO EXISTING LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3. DO NOT SCALE FROM THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
5. DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
6. THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
7. THE CONTRACTOR SHALL PERFORM A HYDRANT FLOW TEST TO VERIFY THE AVAILABLE WATER SUPPLY PRESSURE PRIOR TO ANY PURCHASING OF EQUIPMENT, FABRICATION OR INSTALLATION.
8. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF RECORD "AS BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, CONCEALED OR EMBEDDED PIPING, EXPOSED PIPING, PIPING CONNECTIONS, AND ACCESS PANELS/DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
9. THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
10. PLATFORMS, CURBS, SUMP/EJECTOR PITS, HOUSE TRAP PITS, AND GREASE INTERCEPTOR PITS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE EXACT SIZES AND LOCATIONS OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
11. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
12. THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL FURNISH PLUMBING EQUIPMENT WIRED FOR THE VOLTAGES SHOWN IN CONTRACT DOCUMENTS AND COORDINATED WITH ELECTRICAL CONTRACTOR.
13. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
14. THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY DRAWINGS, EQUIPMENT/MATERIAL PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS.
15. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO ANY FABRICATION OR INSTALLATION. ALL FEES FOR PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
17. ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT AND IN THE MOST INCONSPICUOUS LOCATION POSSIBLE. VERTICAL DROPS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE LOCATED WITHIN CHASES, WALLS, AND SOFFITS WITH OTHER MECHANICAL PIPING AND ELECTRICAL CONDUITS WHEN POSSIBLE. ALL SUCH LOCATION ARE TO BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
18. WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READING.
19. THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
20. THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
21. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM WATER PIPING.
22. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
23. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS/DOORS FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT LOCATED WITHIN WALLS, PARTITIONS, OR CEILINGS THAT REQUIRE ACCESS FOR MAINTENANCE AND/OR OPERATION.
24. THE CONTRACTOR SHALL INSTALL TRAP SEAL PRIMERS ON ALL FLOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE NECESSARY COLD WATER CONNECTION TO ALL TRAP SEAL PRIMERS.
25. THE CONTRACTOR SHALL PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY, WASTE, STORM, AND VENT STACKS. CLEANOUT DECK PLATES PLATES MUST ALSO BE PROVIDED ON ALL BURIED SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.
26. SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MEET IN THE DESIGN OF THE SANITARY, WASTE, AND VENT SYSTEMS. NO CONNECTION SHALL BE MADE TO THE VERTICAL PORTION OF A SANITARY OR WASTE STACK WITHIN FORTY STACK DIAMETERS OF THE BASE FITTING. NO CONNECTION SHALL BE MADE TO THE HORIZONTAL OFFSET PORTION OF A SANITARY OR WASTE STACK WITHIN TEN STACK DIAMETERS OF THE BASE FITTINGS.
27. NO DRAINAGE BRANCH SHALL BE CONNECTED TO A SANITARY OR WASTE STACK WITHIN TWO FEET ABOVE OR BELOW A HORIZONTAL OFFSET EXCEPT WHERE NO OTHER DRAINAGE BRANCH IS CONNECTED TO THE STACK AT A HIGHER STORY.
28. THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
29. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO ALL EQUIPMENT AND FIXTURE INDICATED ON THE ARCHITECTURAL AND PLUMBING DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO HVAC AND FIRE PROTECTION EQUIPMENT.

NEW YORK STATE CODES & STANDARDS

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 NYS UNIFORM CODE SUPPLEMENT
- NYS EDUCATION DEPARTMENT 2022 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2016 ASHRAE 90.1

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2016 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- 2016 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
- 2016 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
- 2017 NFPA 70 - NATIONAL ELECTRICAL CODE
- 2016 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

RELATED WORK NOTE:

1. PLUMBING CONTRACTOR IS RESPONSIBLE FOR WORK ASSOCIATED WITH THE PLUMBING WORK. THIS INCLUDES:
   a. CUTTING AND PATCHING OF EXISTING WALLS, FLOORS AND CEILINGS AS REQUIRED FOR THE INSTALLATION OR REMOVAL OF ALL PIPING, FIXTURES, AND EQUIPMENT SHOWN ON THESE DRAWINGS.
   b. PATCHING OF FINISHES IS TO BE WITH LIKE MATERIALS AND COLORS AS EXISTING FINISHES.
   c. PATCHING OF EXISTING CONSTRUCTION IS TO BE MADE USING LIKE MATERIALS TO THE EXISTING BUILDING CONSTRUCTION.
   d. CUTTING AND PATCHING OF EXISTING CONSTRUCTION AND FINISHES MAY BE EXCLUDED IF REMOVAL/REPLACEMENT OF EXISTING CONSTRUCTION AND FINISHES IS SHOWN ON THE ARCHITECTURAL DRAWINGS AND PLUMBING WORK IS PERFORMED ON A SCHEDULE COORDINATED WITH THE GENERAL CONTRACTOR TO NOT DISRUPT THE PLANNED REMOVAL AND INSTALLATION OF NEW CONSTRUCTION AND FINISHES.

THE FOLLOWING MINIMUM WARRANTY REQUIREMENTS SHALL APPLY TO ALL WORK UNDER THIS CONTRACT, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED IN THE DRAWINGS, SPECIFICATIONS, AND/OR INSTRUCTIONS TO BIDDERS. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. FINAL ACCEPTANCE SHALL BE DEFINED AS THE TIME AT WHICH THE WORK IS TAKEN OVER AND ACCEPTED BY THE OWNER, AND IS UNDER CARE, CUSTODY, AND CONTROL OF THE OWNER. REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN THE WARRANTY PERIOD, INCLUSIVE OF PARTS AND LABOR EXPENSES, AND INCLUSIVE OF AFFECTED WORK OF OTHER TRADES. PROVIDE SUPPLEMENTAL WARRANTY COVERAGE WHERE THE CONTRACT WARRANTY REQUIREMENTS EXCEED VENDORS' STANDARD WARRANTIES.

PLUMBING DRAWING LIST

Sheet Number	Sheet Title
P001	PLUMBING COVER SHEET
PD100	PLUMBING DEMOLITION PLAN - SUB-BASEMENT
PD101	PLUMBING DEMOLITION PLAN - BASEMENT
PD102-B	PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B
PD103-A	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA A
PD103-B	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA B
PD104-A	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA A
PD104-B	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA B
PD105	PLUMBING DEMOLITION PART PLAN - THIRD FLOOR
P100	PLUMBING PLAN - SUB-BASEMENT
P101-A	PLUMBING PART PLAN - BASEMENT - AREA A
P101-B	PLUMBING PART PLAN - BASEMENT - AREA B
P102-A	PLUMBING PART PLAN - GROUND FLOOR - AREA A
P102-B	PLUMBING PART PLAN - GROUND FLOOR - AREA B
P103-A	PLUMBING PART PLAN - FIRST FLOOR - AREA A
P103-B	PLUMBING PART PLAN - FIRST FLOOR - AREA B
P104-A	PLUMBING PART PLAN - SECOND FLOOR - AREA A
P104-B	PLUMBING PART PLAN - SECOND FLOOR - AREA B
P106-A	PLUMBING PART PLAN - ROOF - AREA A
P501	PLUMBING RISER DIAGRAMS
P502	PLUMBING RISER DIAGRAMS
P601	PLUMBING SCHEDULES
P701	PLUMBING DETAILS SHEET 1
P702	PLUMBING DETAILS SHEET 2

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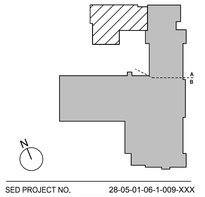

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PLUMBING COVER SHEET

P001

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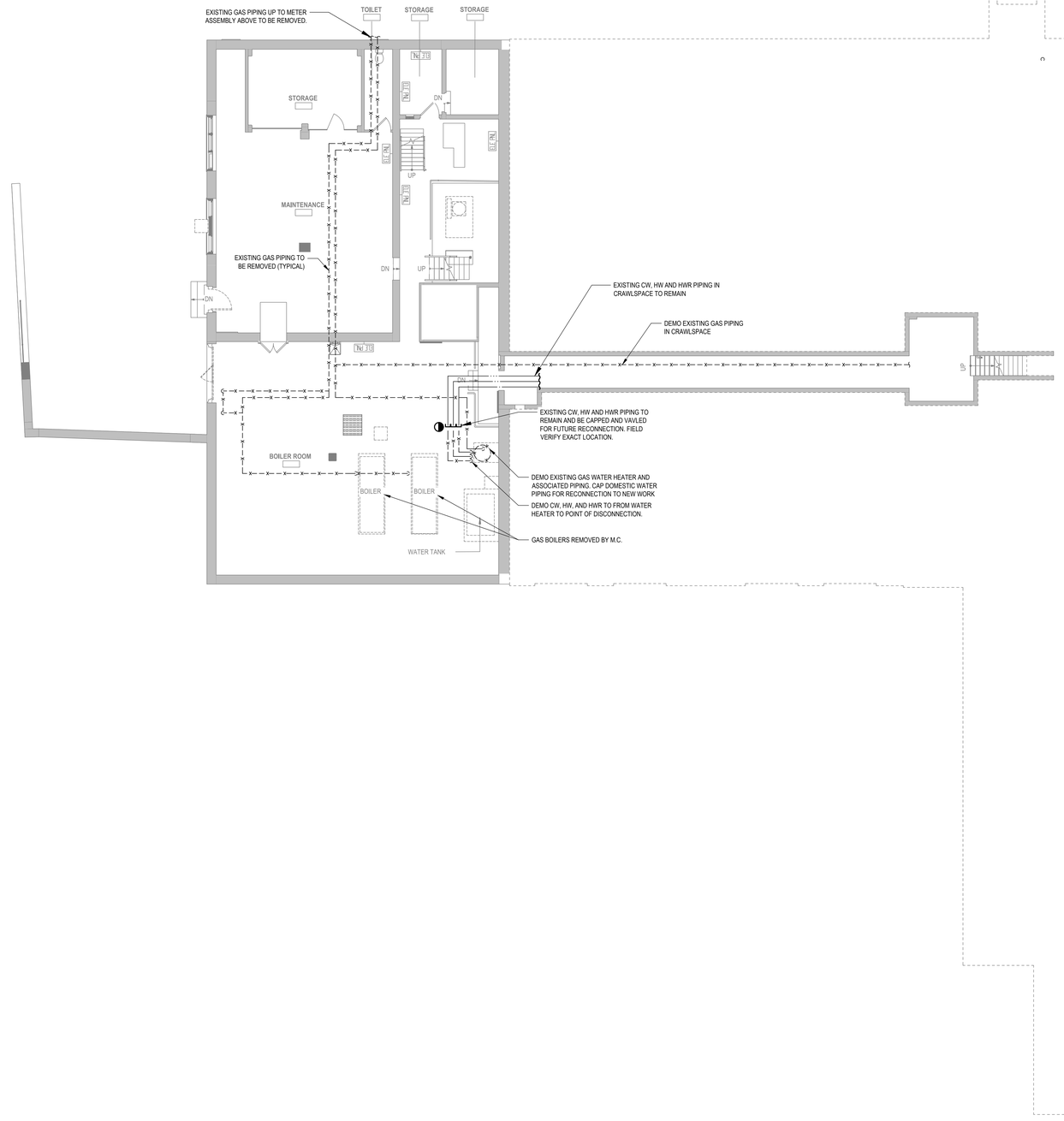

PLUMBING DEMOLITION PLAN - SUB-BASEMENT

1/8" = 1'-0"

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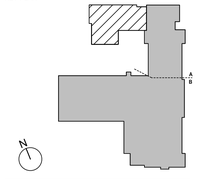

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PLUMBING DEMOLITION PLAN - SUB-BASEMENT

PD100

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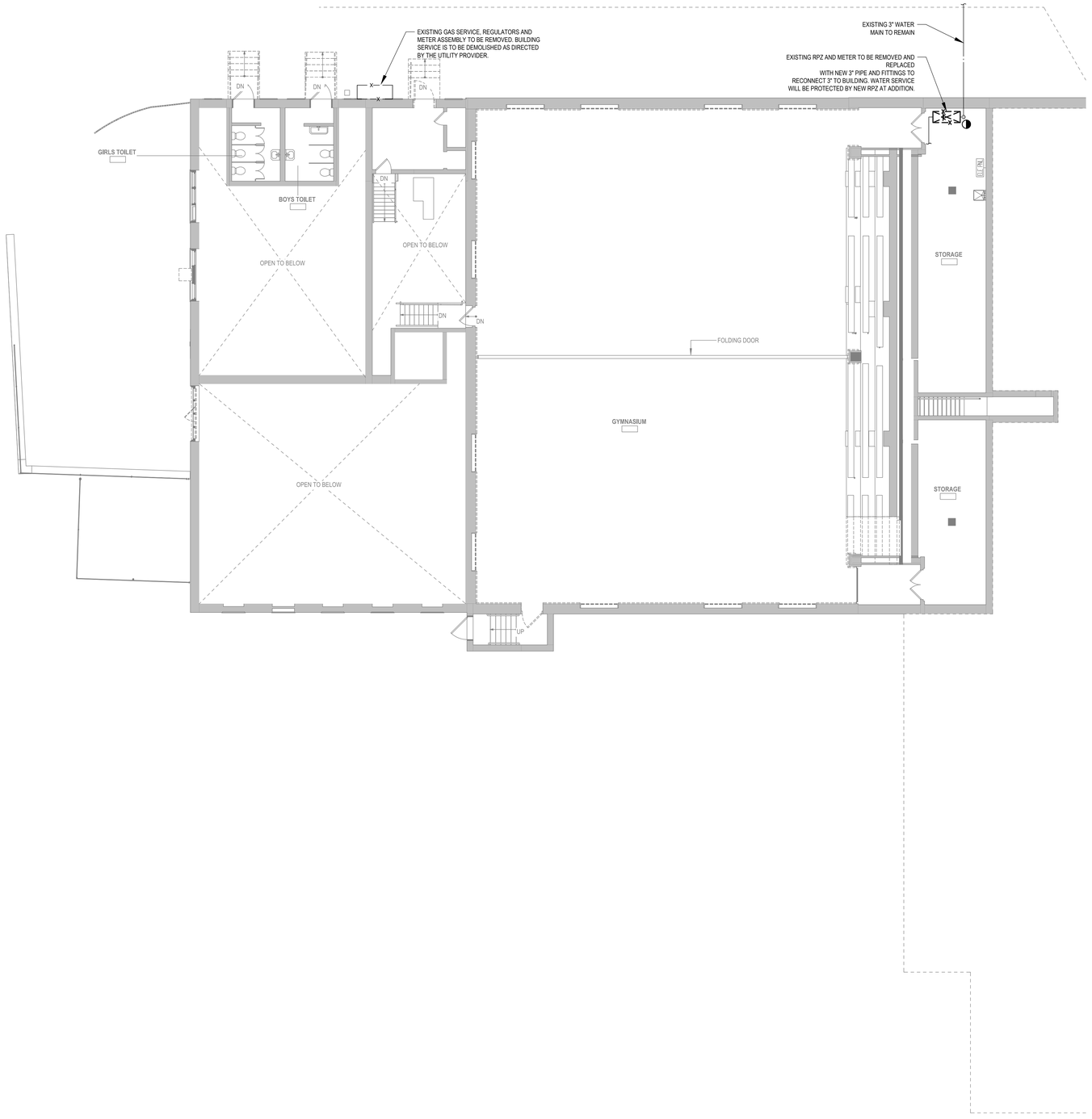

PLUMBING DEMOLITION PLAN - BASEMENT

1/8" = 1'-0"

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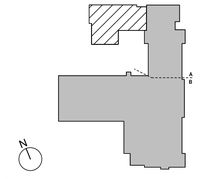
KEY PLAN



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MEMASI PROJECT NO.	101-2403

PLUMBING DEMOLITION PLAN - BASEMENT

PD101

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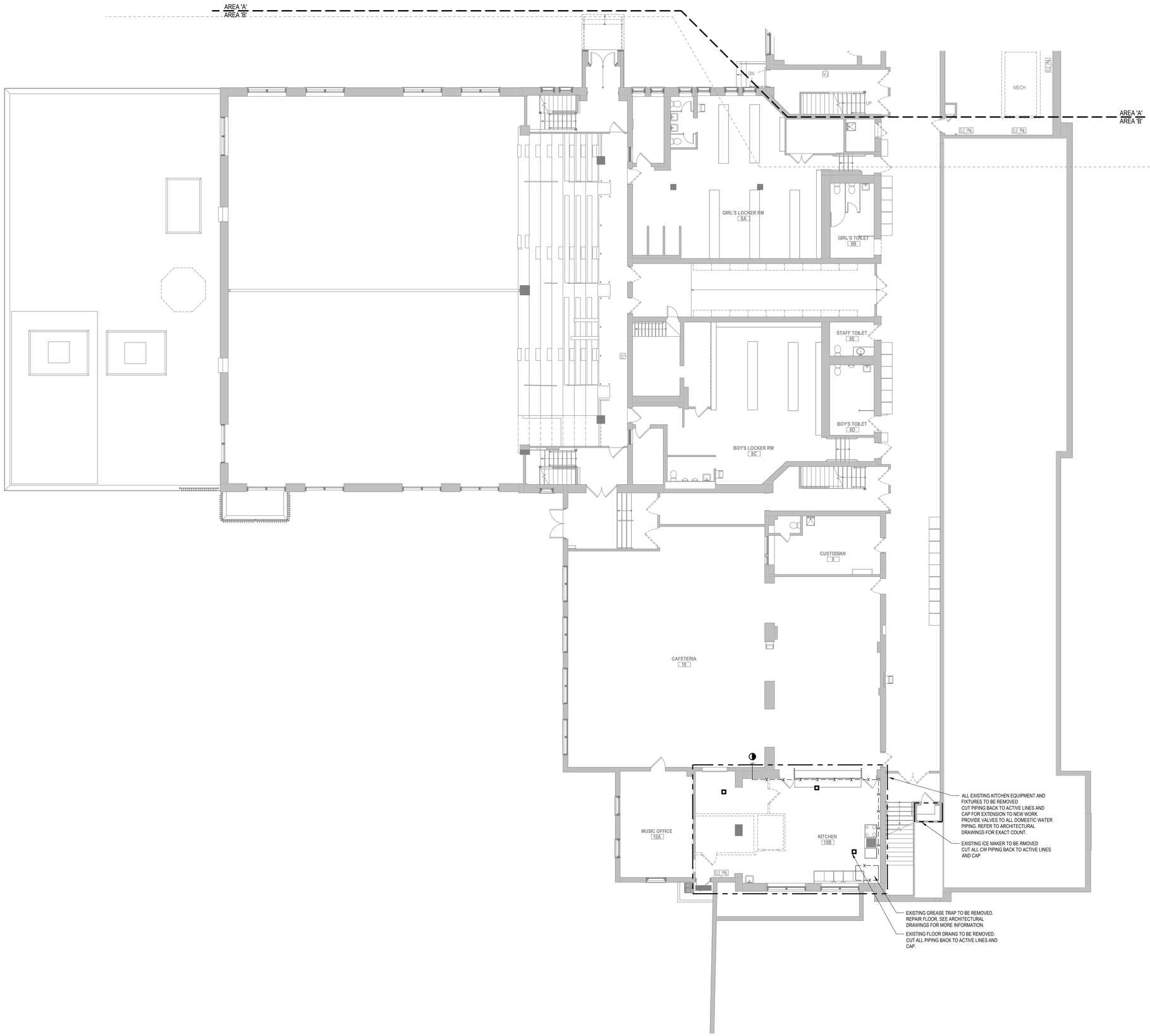

PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT

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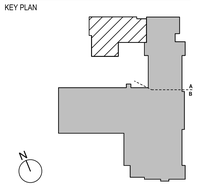

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PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B

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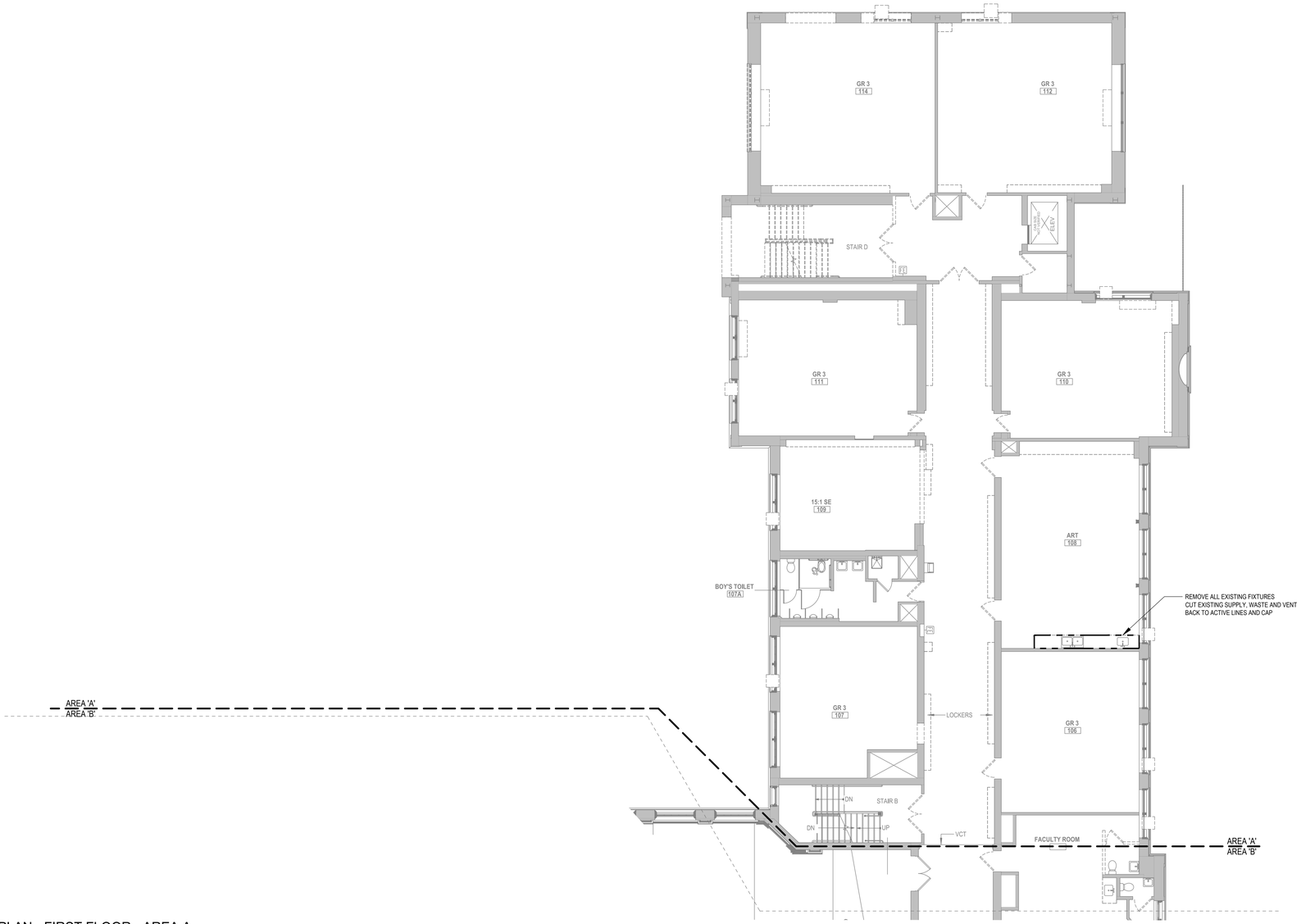

PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT

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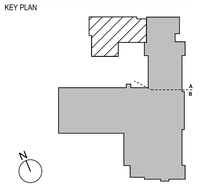

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PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA A

PD103-A

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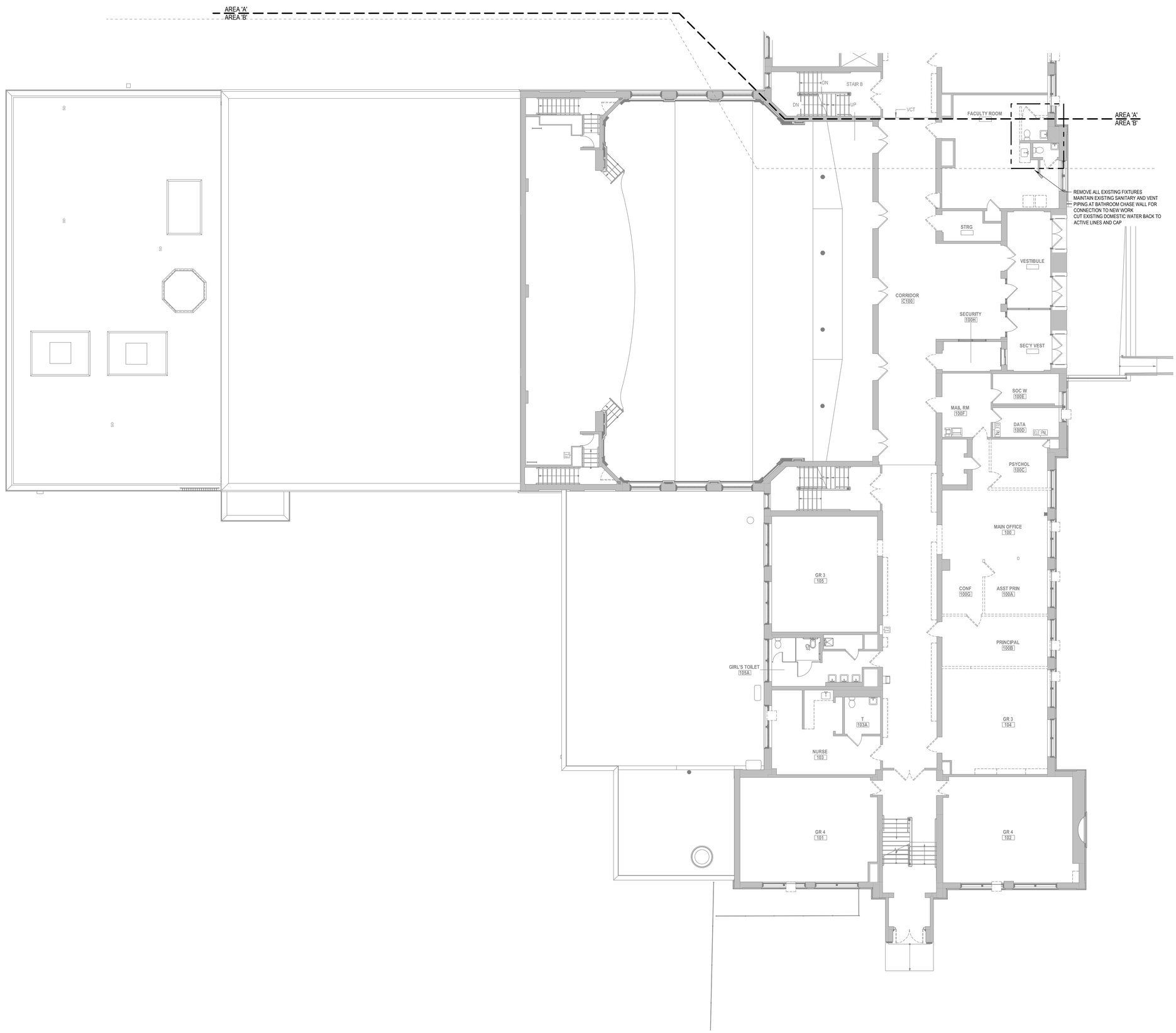

PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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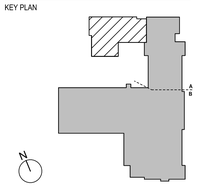

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PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA B

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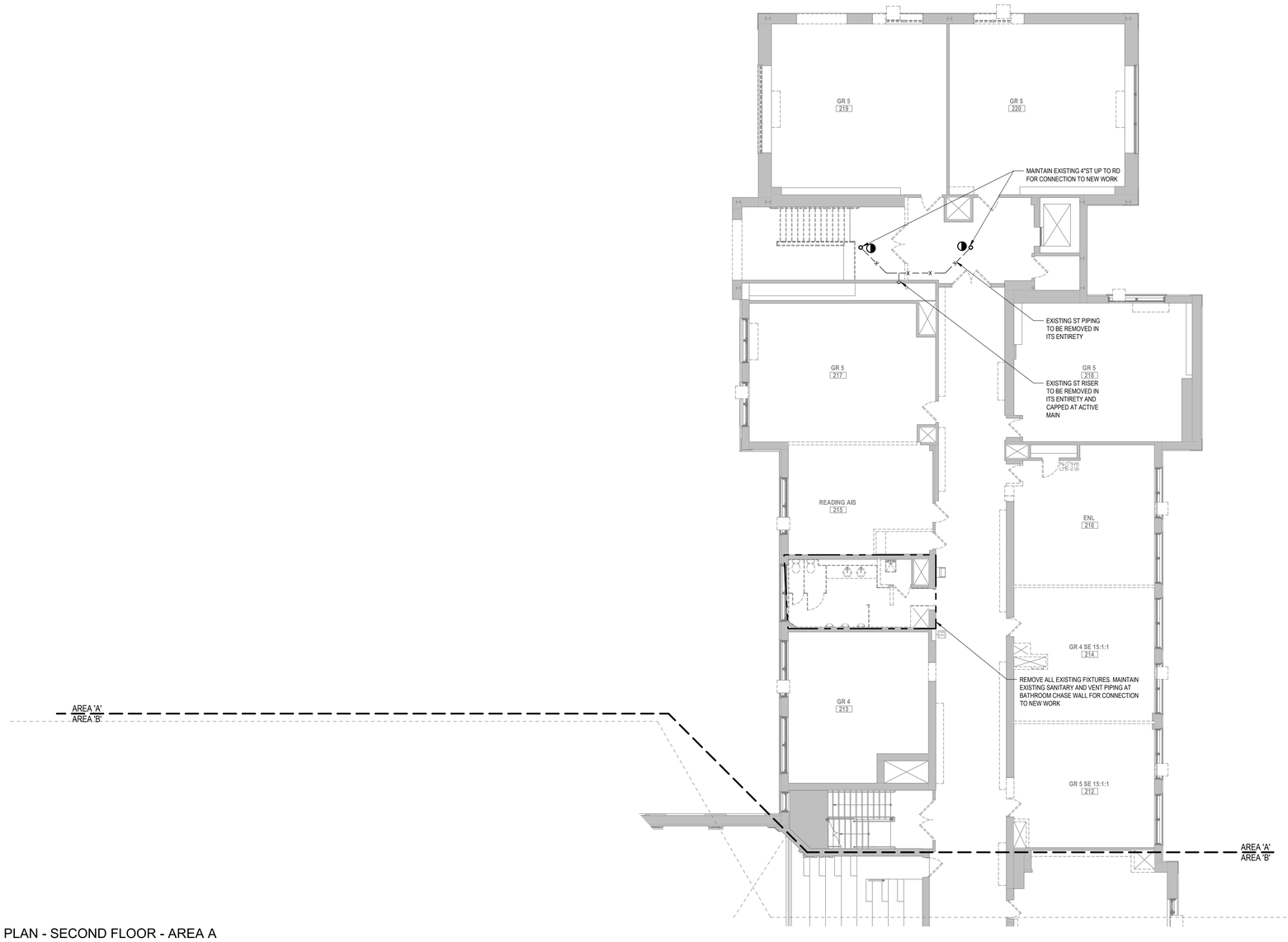

PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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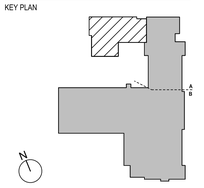
KEY PLAN



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PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA A

PD104-A

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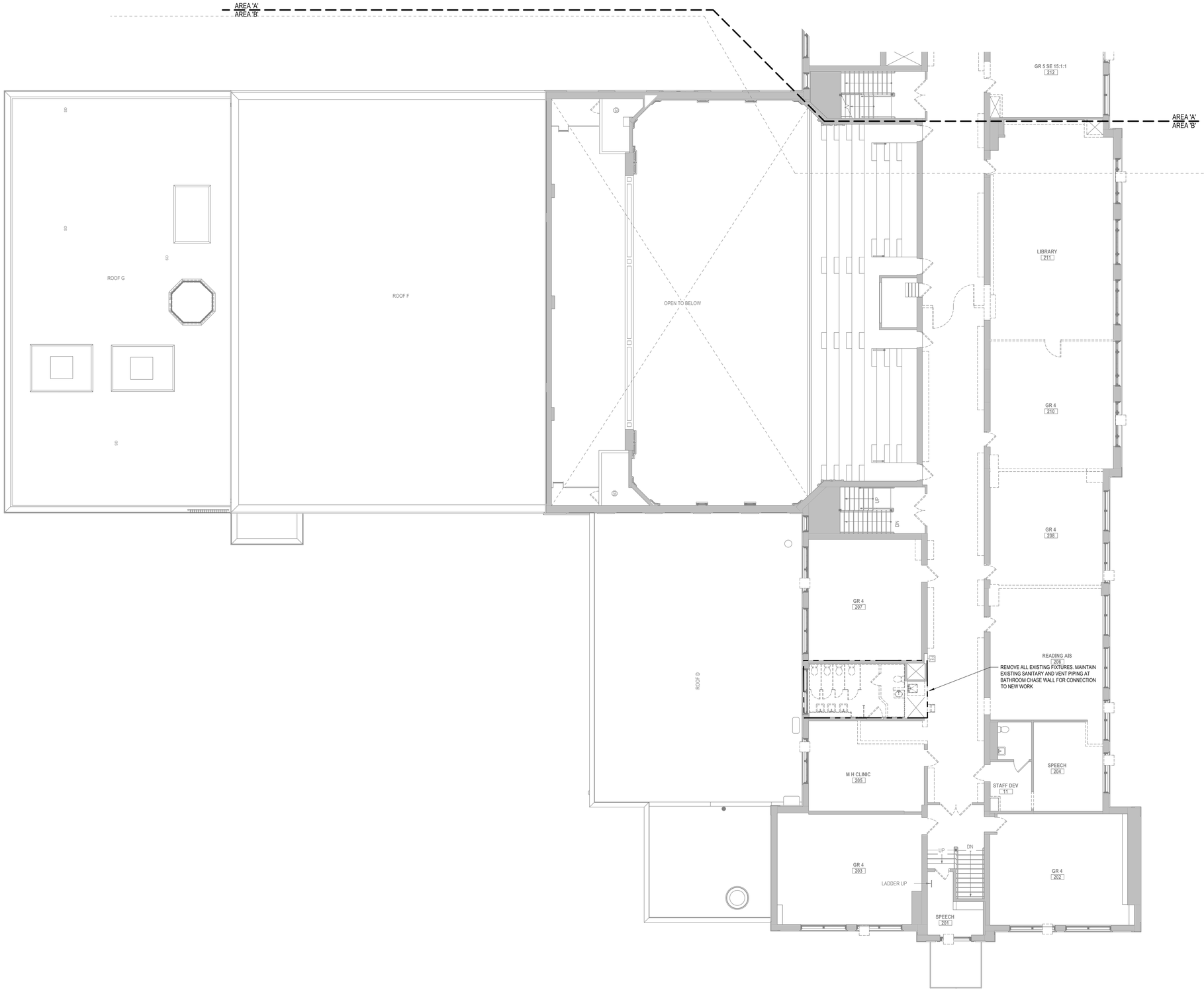

PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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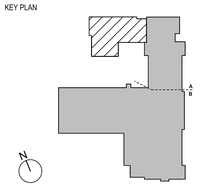

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PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA B

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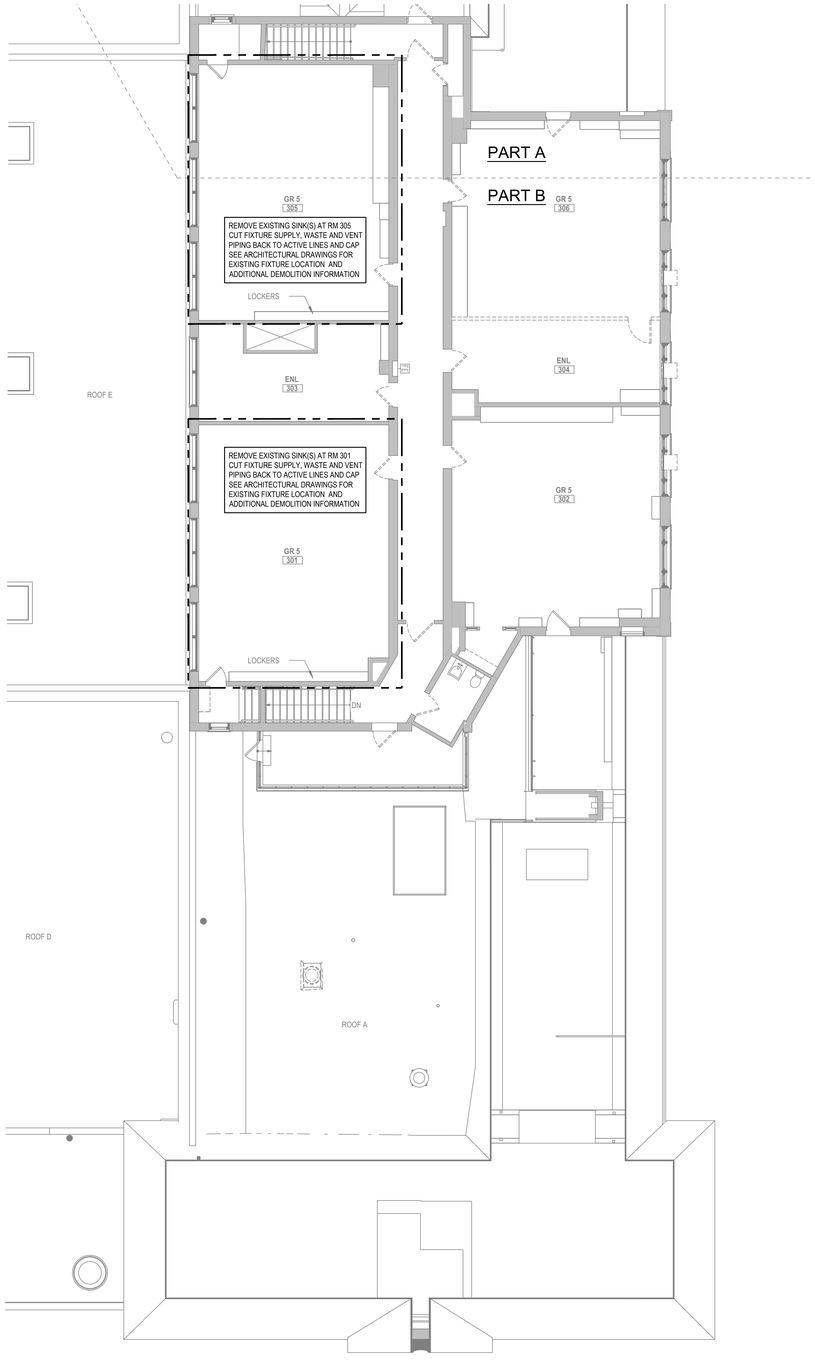

PLUMBING DEMOLITION PART PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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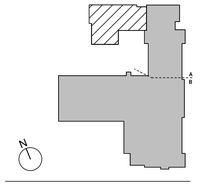
KEY PLAN



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PLUMBING DEMOLITION PART PLAN - THIRD FLOOR

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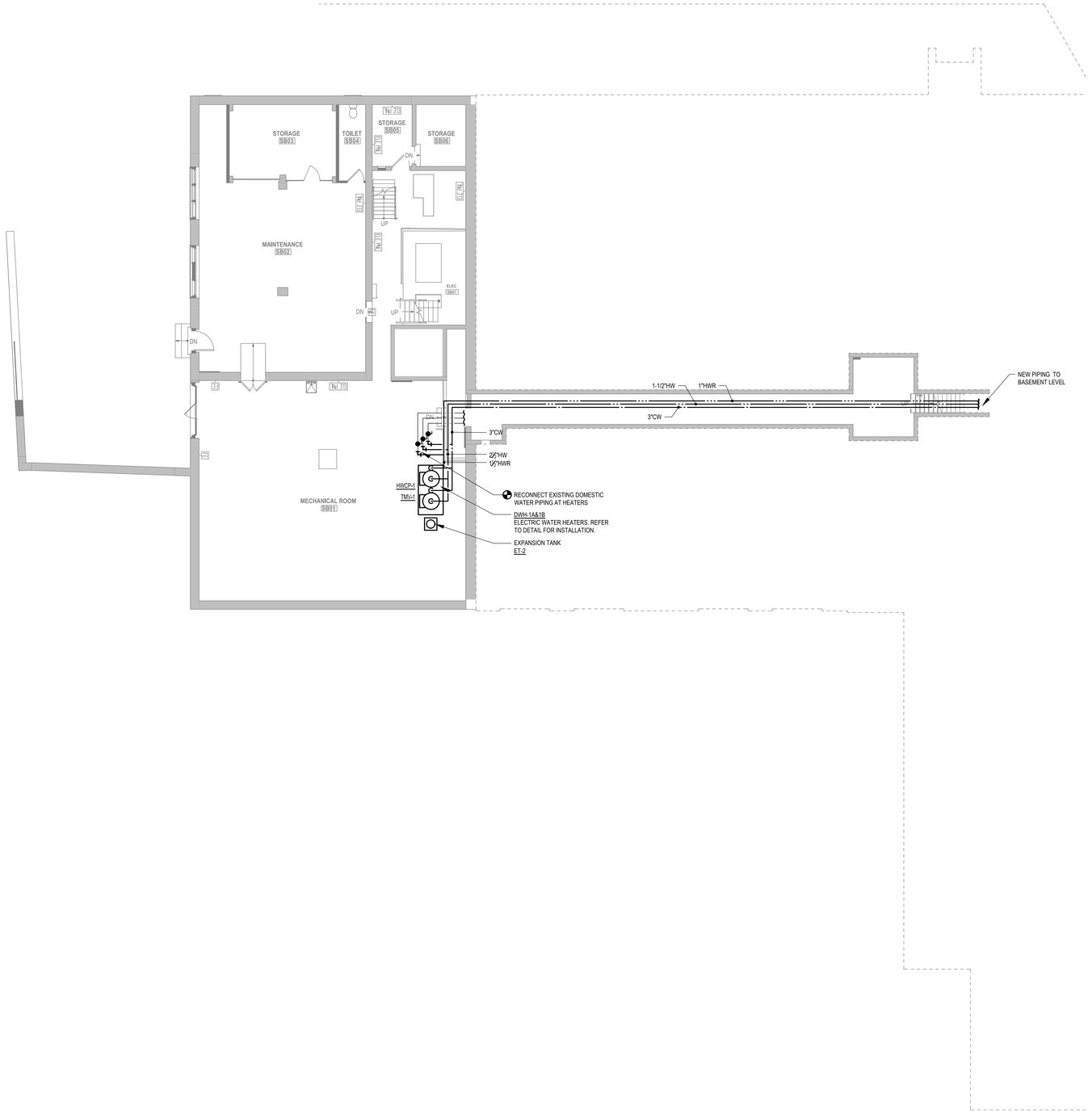

PLUMBING PLAN - SUB-BASEMENT
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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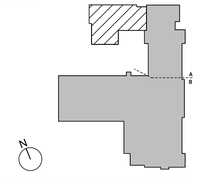

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PLUMBING PLAN - SUB-BASEMENT

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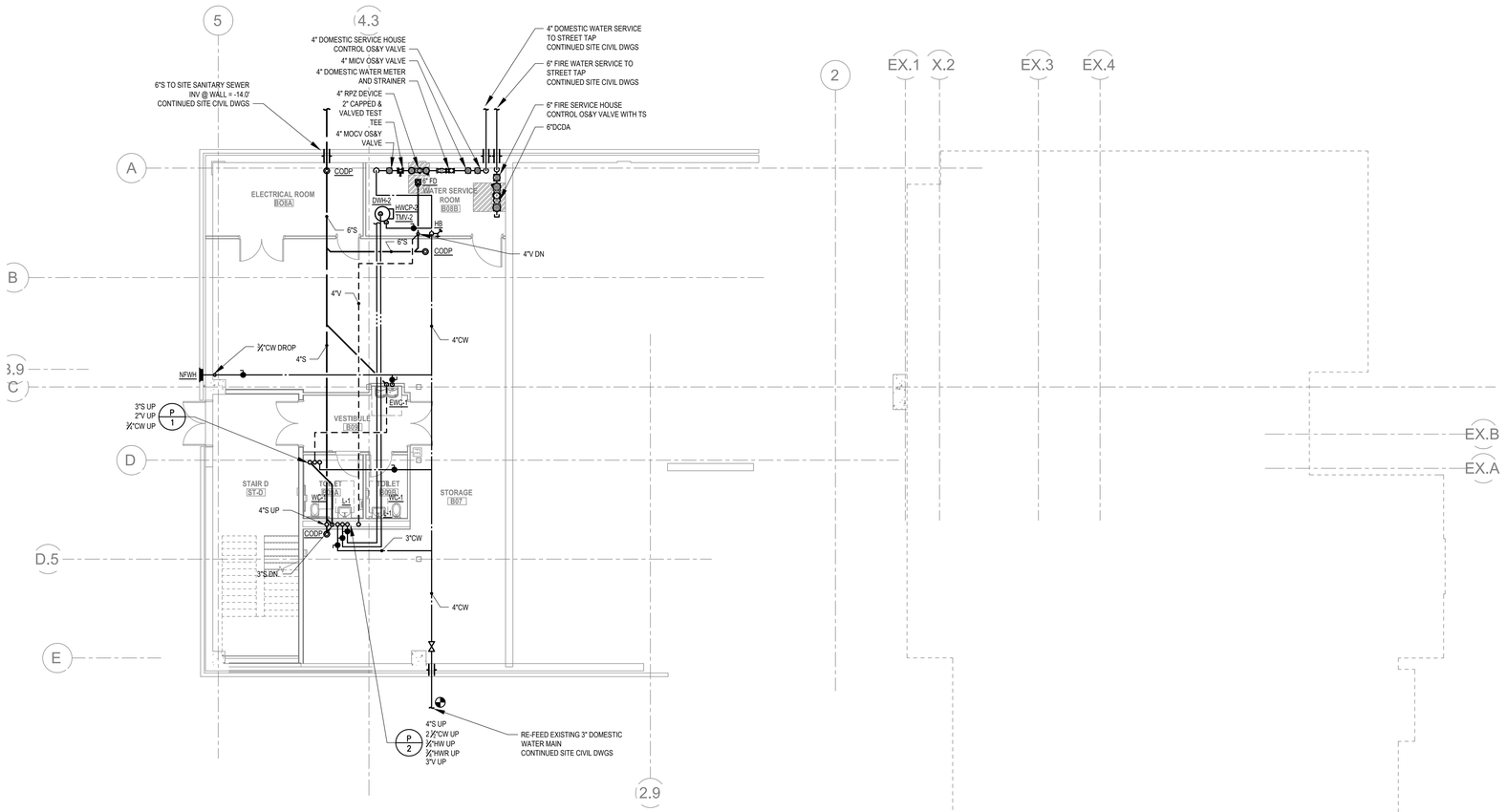

PLUMBING PART PLAN - BASEMENT - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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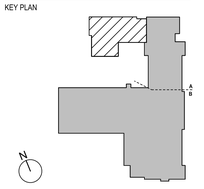

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PLUMBING - FP PART BASEMENT LEVEL PLAN - AREA A

P101A

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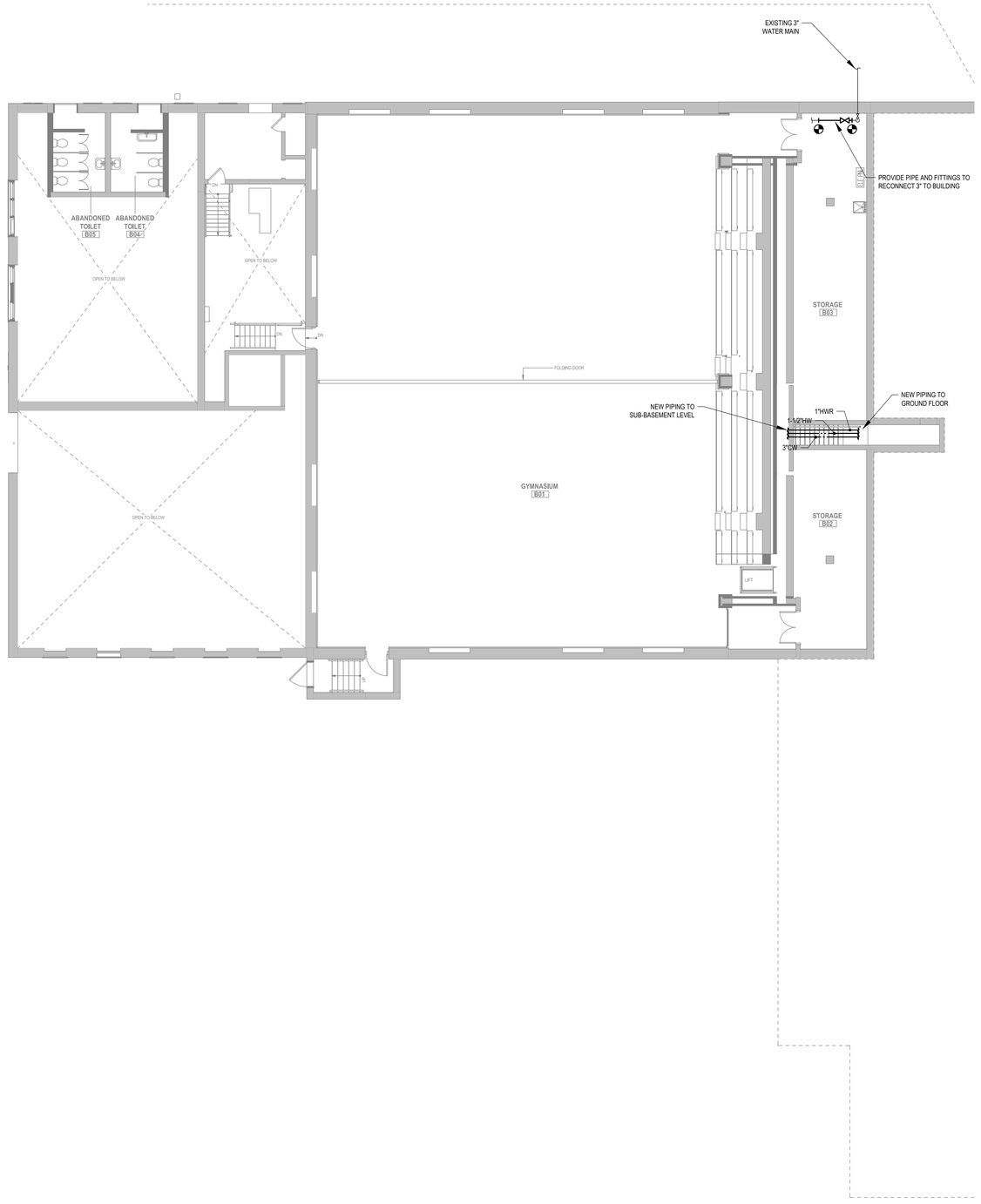

PLUMBING PART PLAN - BASEMENT - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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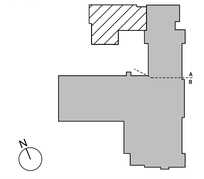

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PLUMBING - FP PART BASEMENT LEVEL PLAN - AREA B

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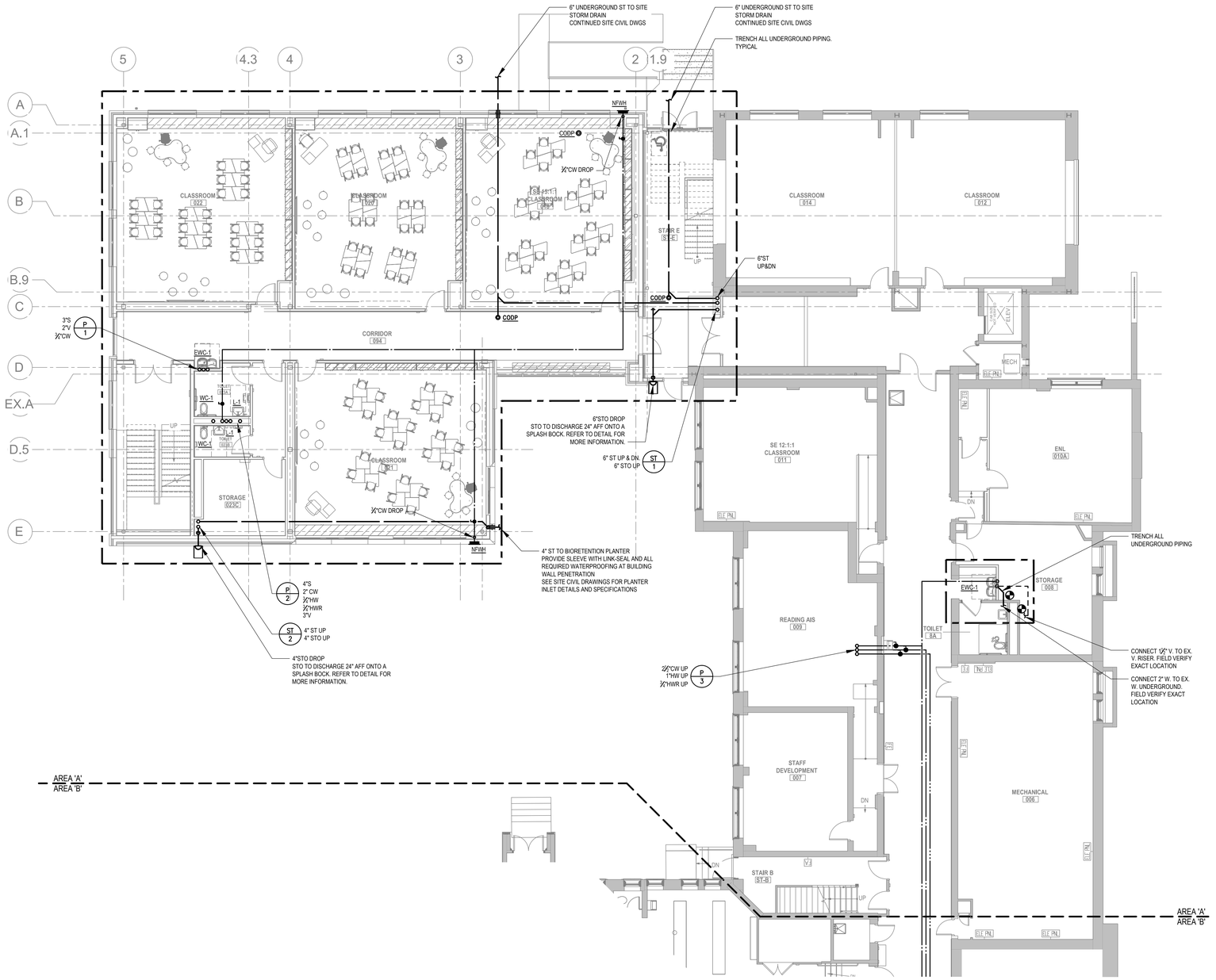

PLUMBING PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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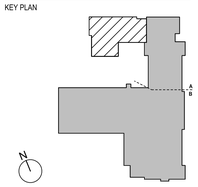

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PLUMBING PART PLAN - GROUND FLOOR - AREA A

P102-A

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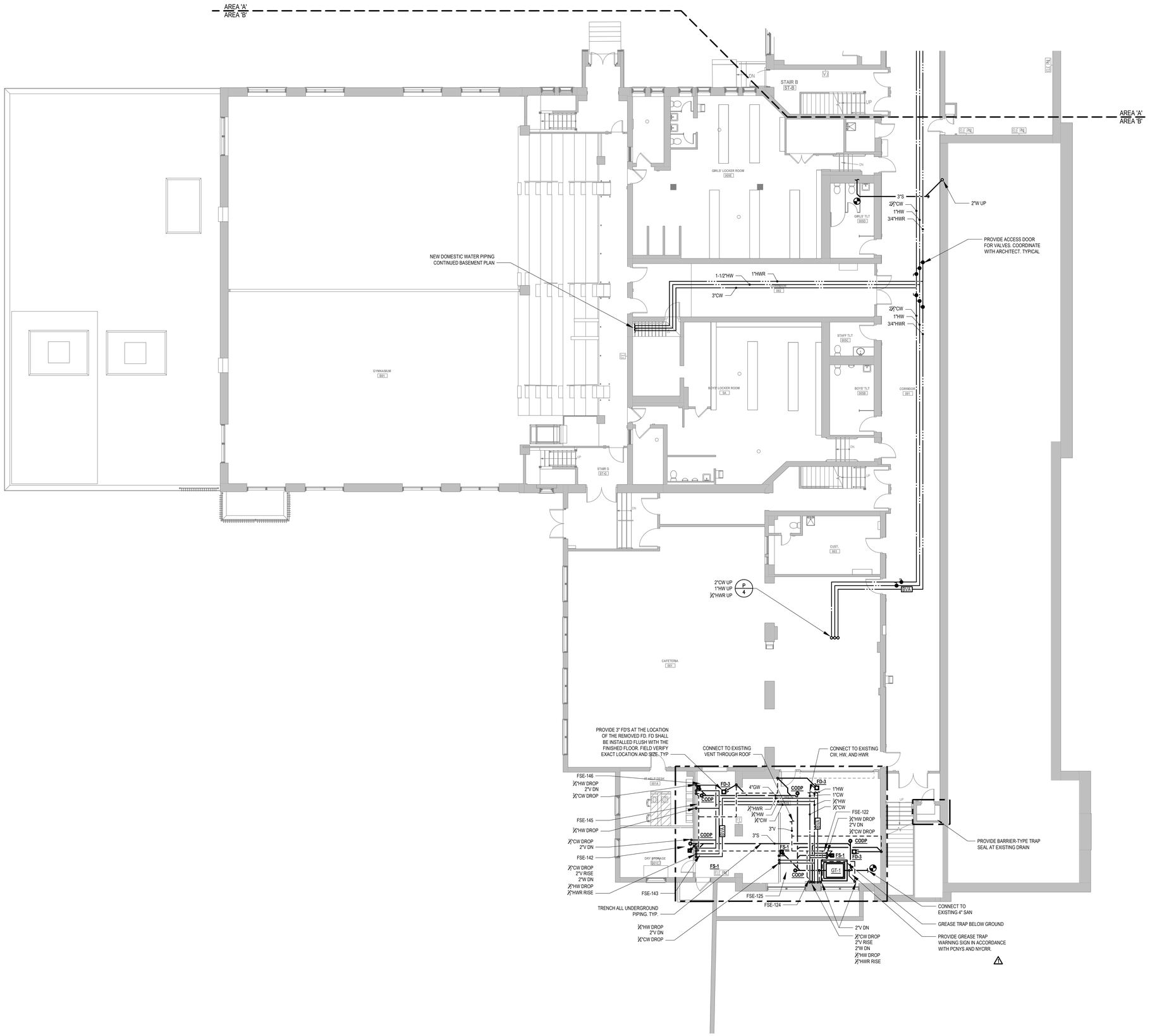

PLUMBING PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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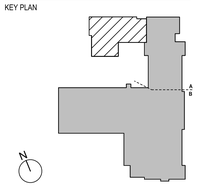
ISSUE	DATE
⚠ ENGINEERING ADDENDUM #1	2/23/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

PLUMBING PART PLAN - GROUND FLOOR - AREA B

P102-B

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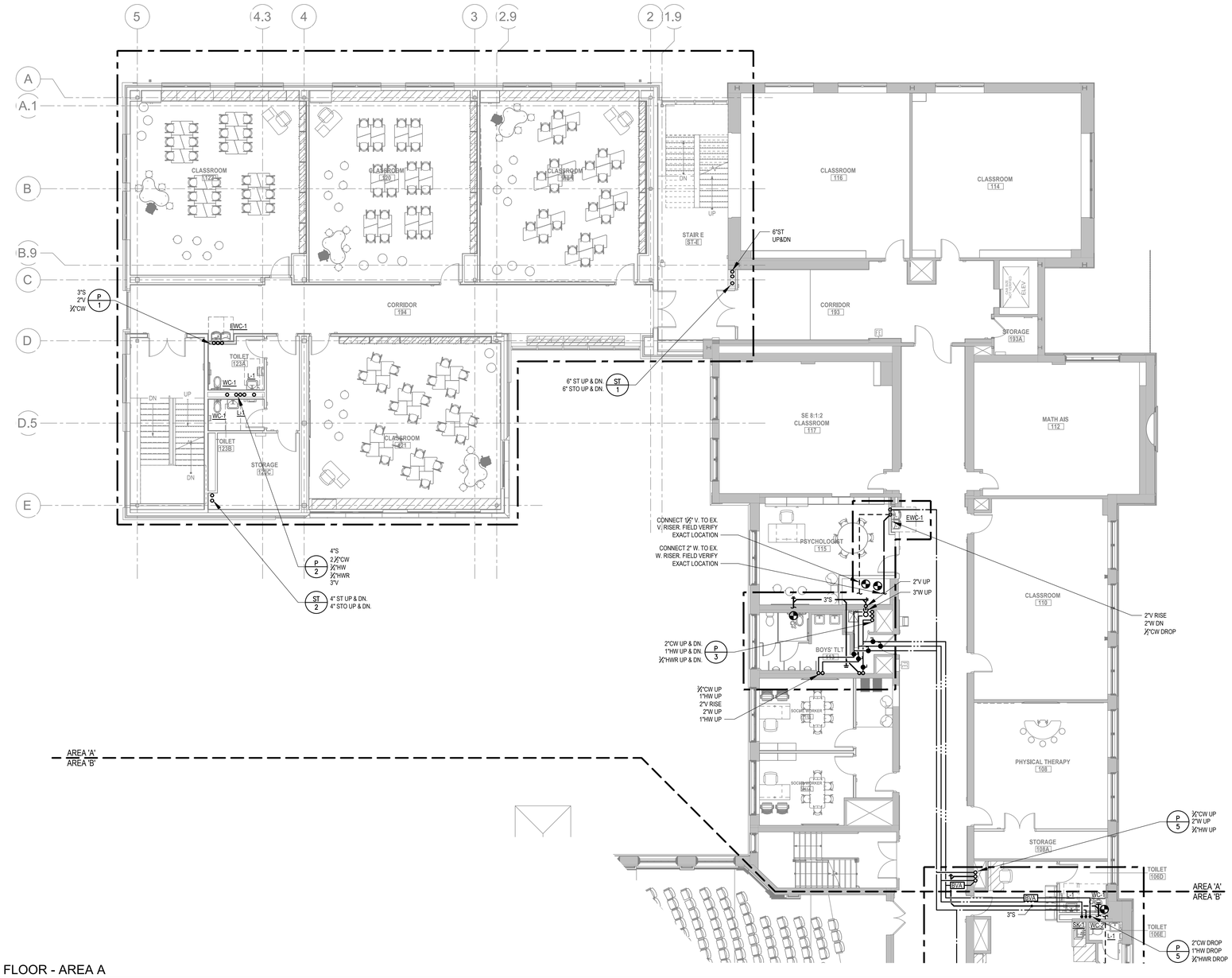

PLUMBING PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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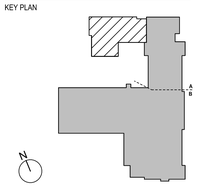
KEY PLAN



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PLUMBING PART PLAN - FIRST FLOOR - AREA A

P103-A

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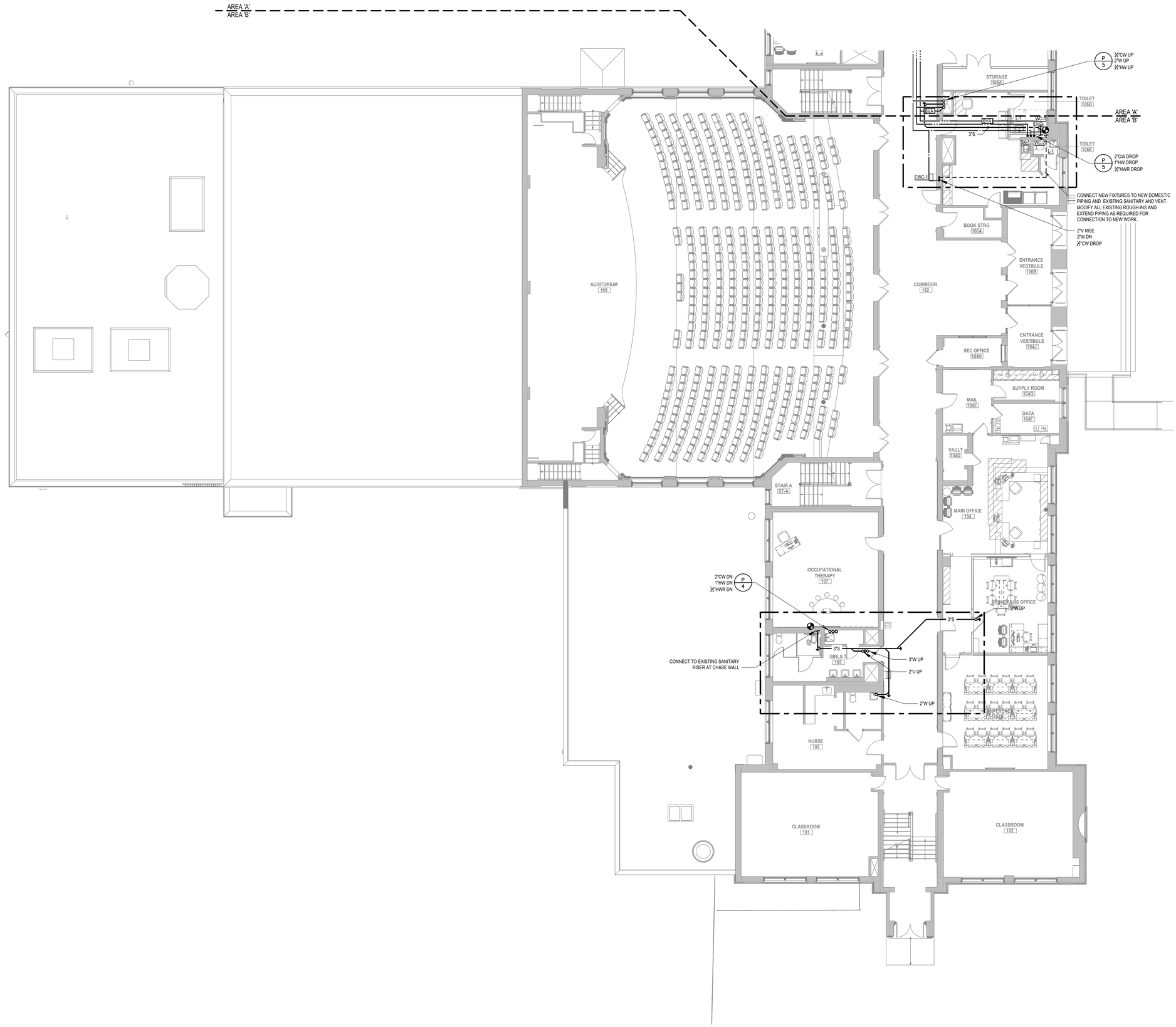

PLUMBING PART PLAN - FIRST FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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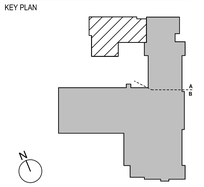

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PLUMBING PART PLAN - FIRST FLOOR - AREA B

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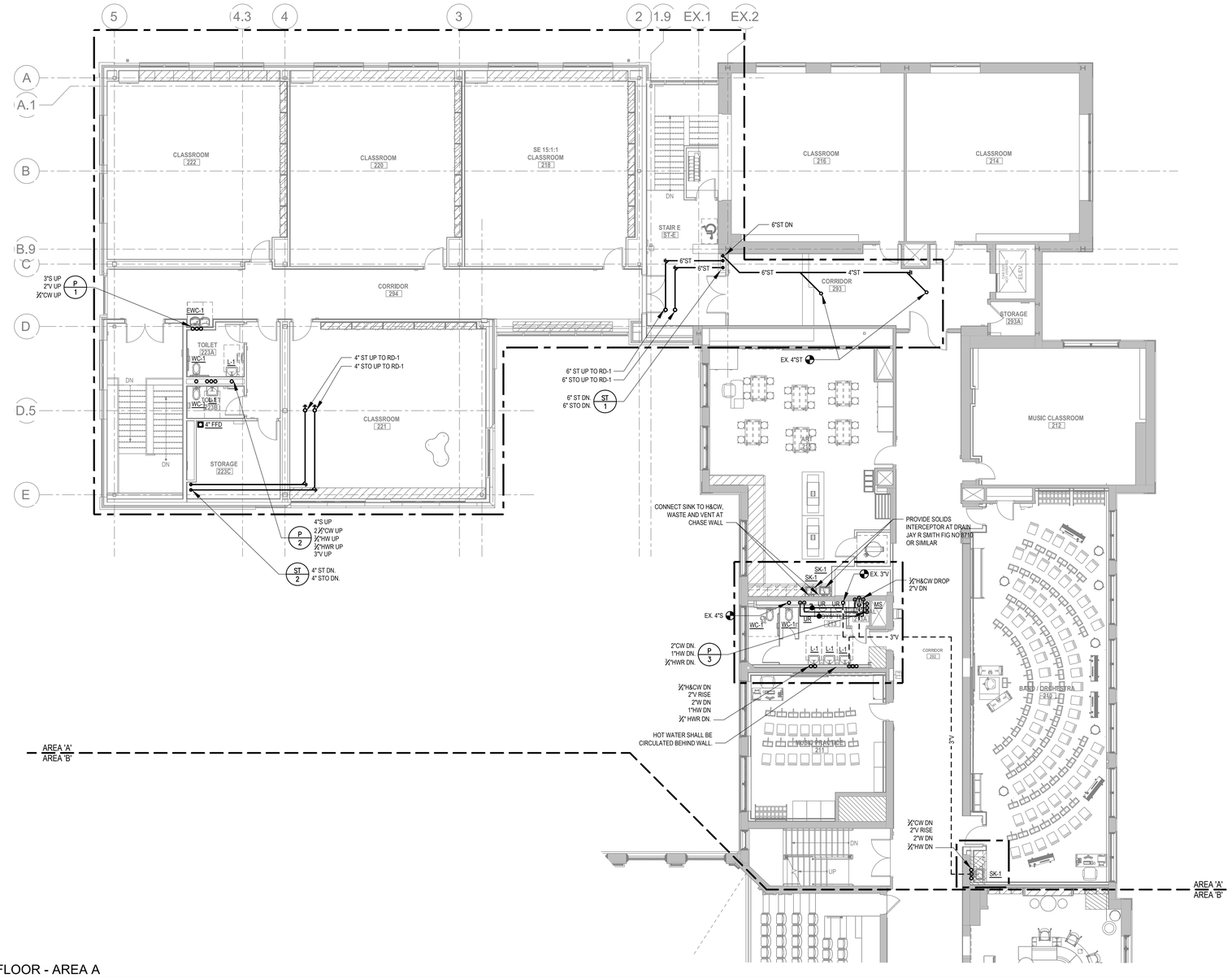

PLUMBING PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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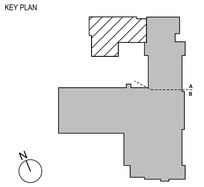

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MEMASI PROJECT NO.	101-2403

PLUMBING PART PLAN - SECOND FLOOR - AREA A

P104-A

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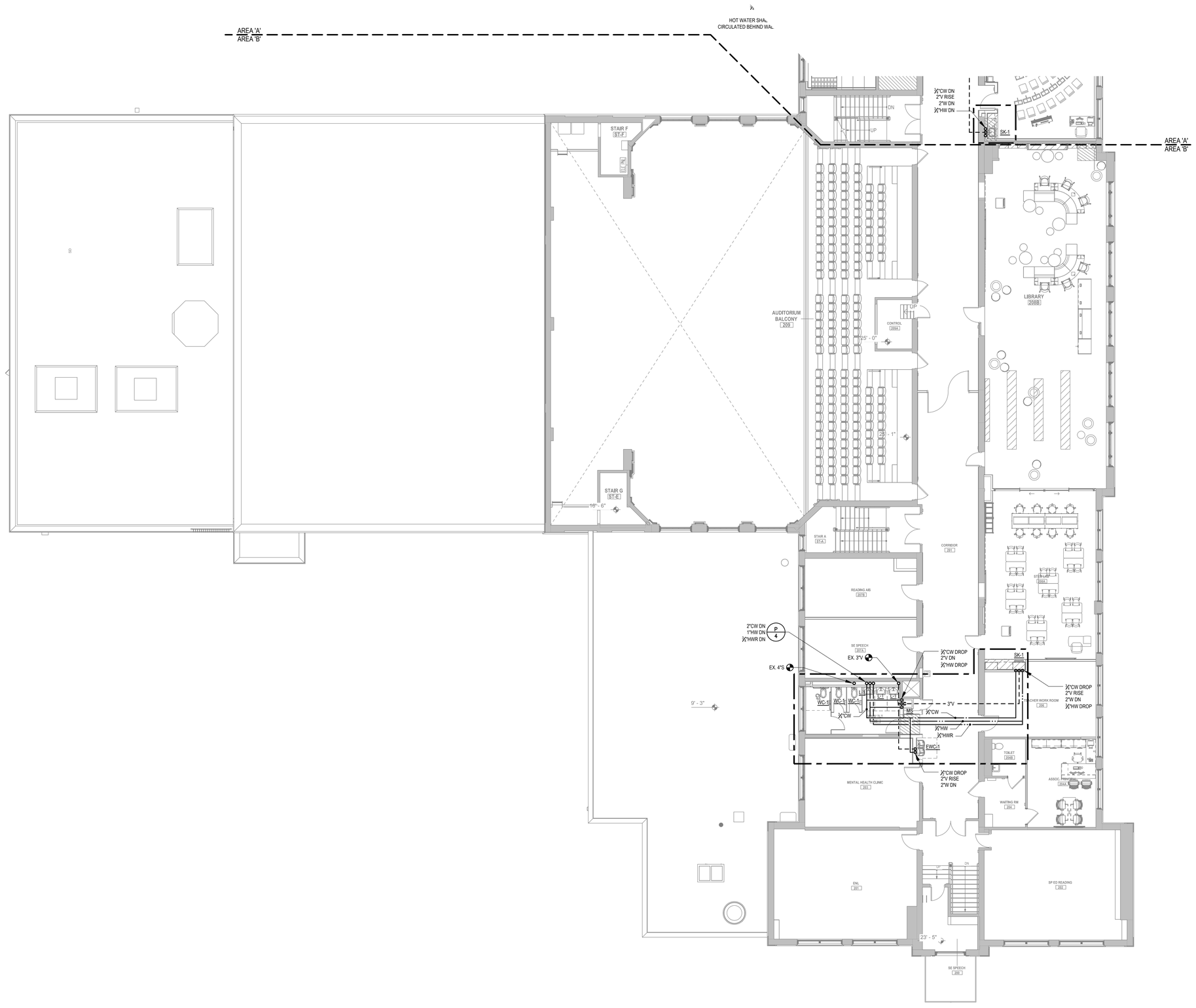

PLUMBING PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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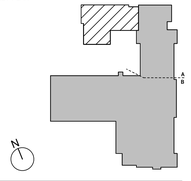

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PLUMBING PART PLAN - SECOND FLOOR - AREA B

P104-B

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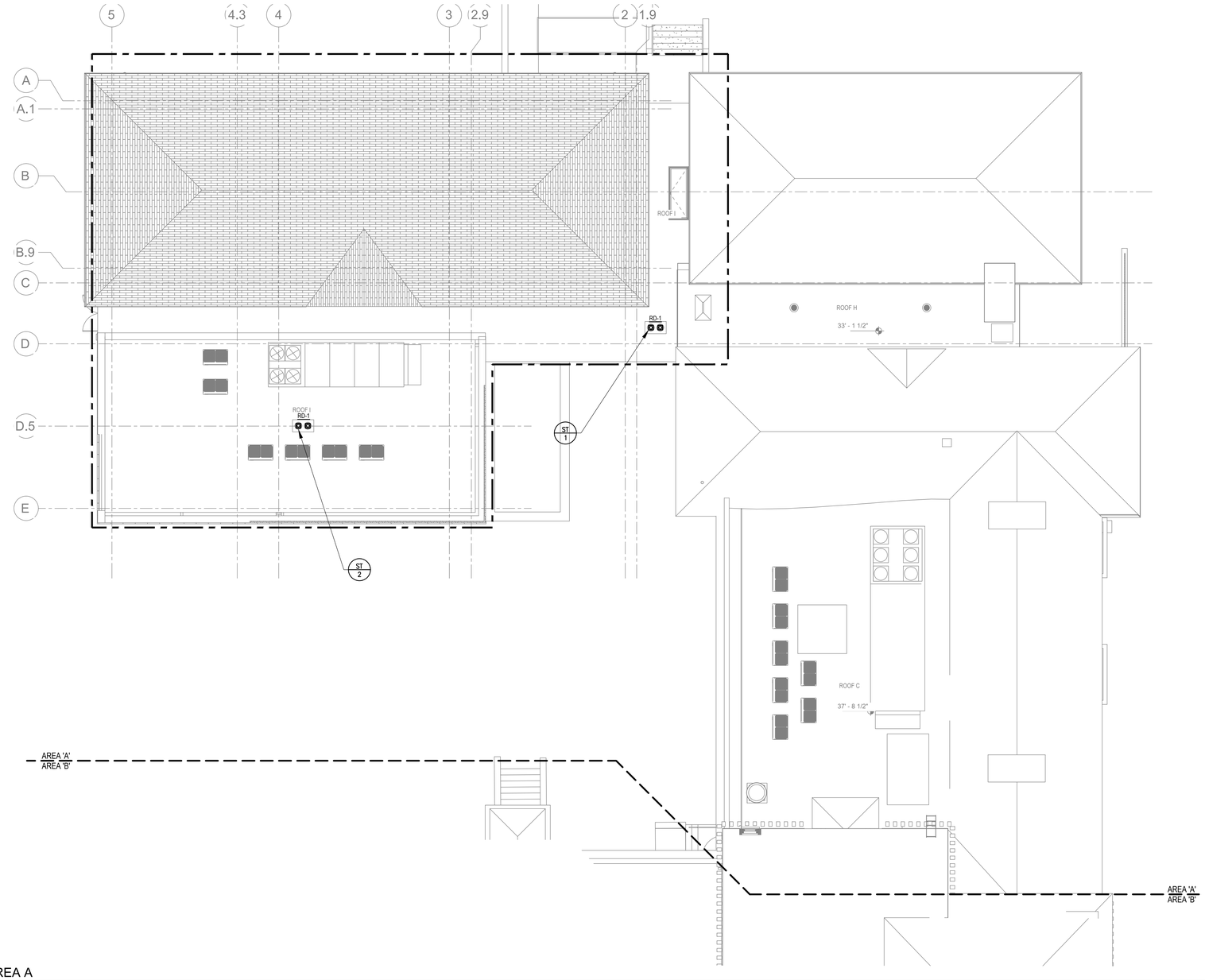

PLUMBING PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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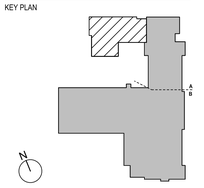

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PLUMBING PART PLAN - ROOF - AREA A

P106-A

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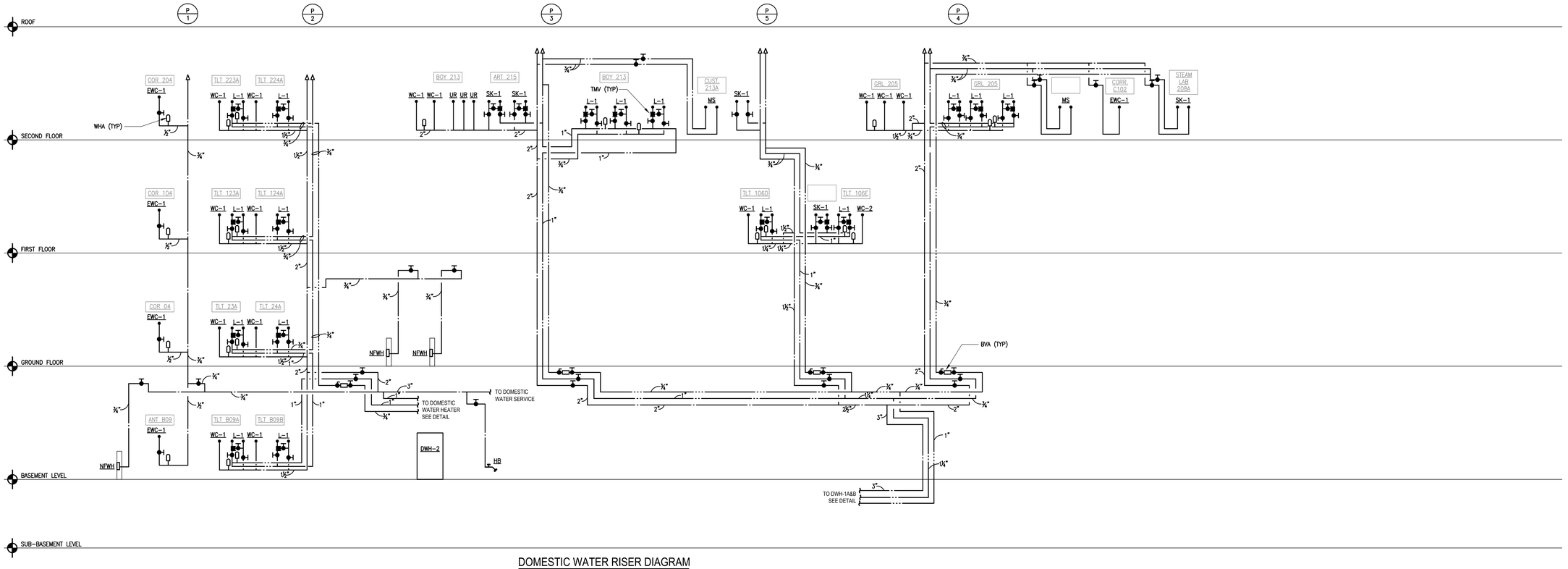
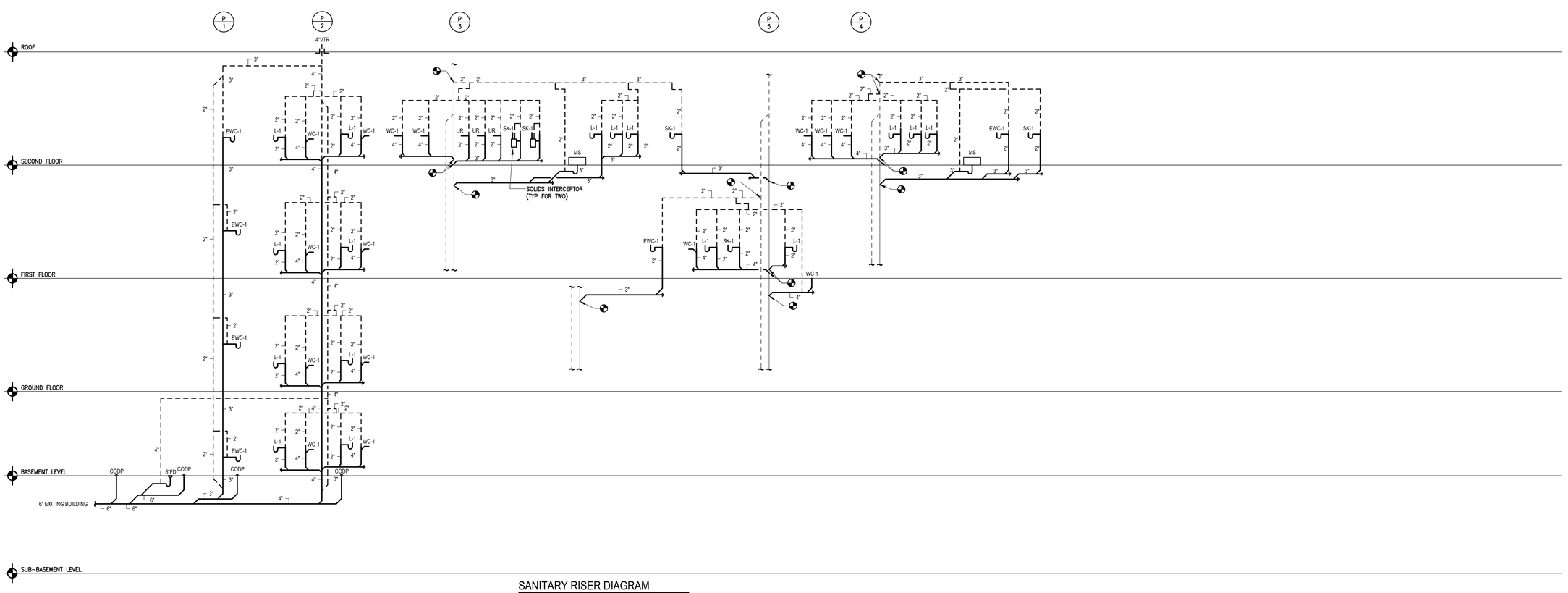
GENERAL NOTES:

1. ALL VALVES TO BE ACCESSIBLE AND ALL CONNECTION POINTS TO BE VERIFIED IN FIELD.



DOMESTIC WATER RISER DIAGRAM

SCALE: NTS



SANITARY RISER DIAGRAM

SCALE: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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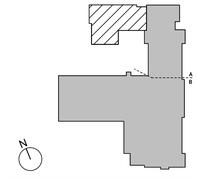

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PLUMBING RISER DIAGRAMS

P501

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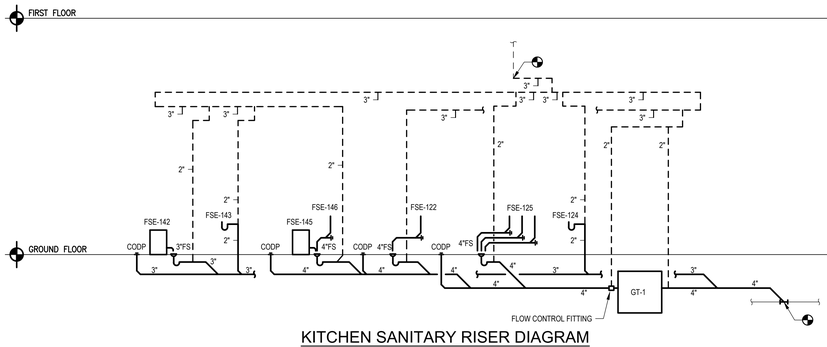
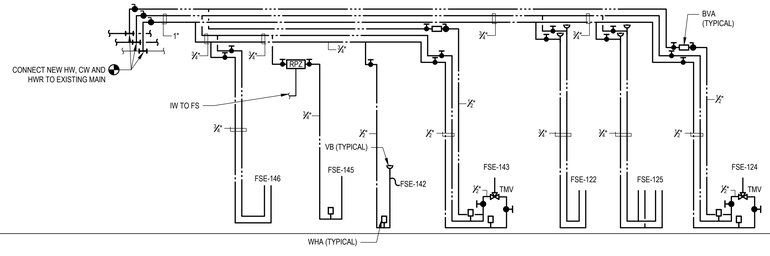


KITCHEN SANITARY RISER DIAGRAM

SCALE: NTS



KITCHEN DOMESTIC WATER RISER DIAGRAM

SCALE: NTS

NOTES

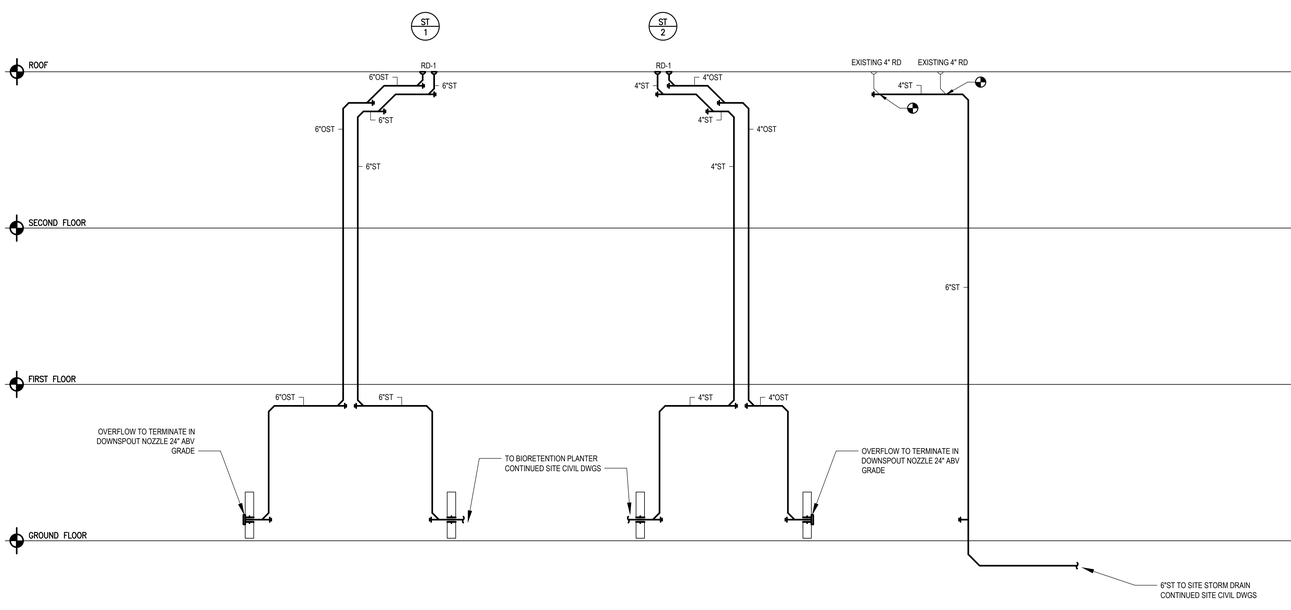
1. LEAK DETECTION DEVICE TO BE PROVIDED FOR ALL HWHS.
2. ACCESS PANELS TO BE PROVIDED FOR ALL VALVES. LOCATION TO BE COORDINATED WITH ARCHITECT.
3. SHOCK ABSORBERS TO BE PROVIDED AS SPECIFIED IN THESE DRAWINGS. ABSORBERS SHALL BE LOCATED IN ACCESSIBLE LOCATIONS (PREFERABLY ABOVE CEILING) AND NOT BEHIND DETAILED FINISHED CONSTRUCTION.
4. CONNECTION POINTS TO BE FIELD VERIFIED BY CONTRACTOR.
5. PROVIDE VACUUM BREAKER FOR CW CONNECTIONS TO REF. AND HW CONNECTION TO DW. PROVIDE DOUBLE CHECK VALVE FOR ALL CM. VB LOCATIONS TO BE COORDINATED BEHIND EQUIPMENT SERVED AND SHALL BE INSTALLED 6" ABOVE TOP OF EQUIPMENT.

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	QTY.	CATEGORY	REMARKS
FSE-122	1	PREP TABLE (SINK)	NEW
FSE-124	1	HAND SINK	NEW
FSE-125	1	THREE COMPARTMENT SINK	NEW
FSE-142	1	ICE MACHINE	NEW
FSE-143	1	HAND SINK	NEW
FSE-145	1	DISHWASHER	NEW
FSE-146	1	SOILED DISHTABLE (SINK)	NEW

NOTES:

1. ALL EQUIPMENT MOUNTINGS, LOCATIONS AND ELEVATIONS ARE TO BE AS SHOWN ON COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT/ARCHITECTURAL DRAWINGS.
2. ALL EQUIPMENT TO BE FURNISHED BY COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT VENDOR. SEE COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT DRAWINGS AND SCHEDULES FOR ALL FIXTURE, APPLIANCE AND EQUIPMENT INFORMATION.



STORM RISER DIAGRAM

SCALE: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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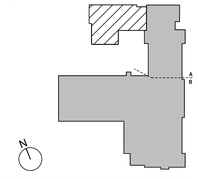

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

PLUMBING RISER DIAGRAMS

P502

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DRAIN SCHEDULE

DESIGNATION	MANUFACTURER	MODEL NUMBER	DRAIN BODY SPECIFICATION: BRONZE	CAST IRON	GALVANIZED	STAINLESS STEEL	CLAMPING DEVICE	SECONDARY CLAMP	SUMP RECEIVER	ACID RESISTANT COATING	TRAP PRIMER CONNECTION	TOP-SET DECK PLATE	STRAINER SPECIFICATION: BRONZE	CAST IRON	GALVANIZED	NICKEL BRONZE	STAINLESS STEEL	CHROME PLATED	POLISHED FINISH	SATIN FINISH	SECONDARY STRAINER	SEDIMENT BUCKET	LESS GRATE	HALF GRATE	FLUSH GRATE	TRACTOR GRATE	FLAT TOP	FUNNEL TOP	DOME	EXTENSION	ADJUSTABLE	ACID RESISTANT COATING	APPLICABLE AREAS/REMARKS
RD-1	ZURN	Z164		●			●		●			●		●																●	●	●		FLAT ROOFS
AD	ZURN	Z610		●			●							●														●			●	●		AREAWAYS
CODP	ZURN	ZS1400-BP-VP		●			●										●											●			●	●		FINISHED AREAS
FD-2	ZURN	Z415B		●			●									●												●			●	●		BATHROOMS/KITCHEN, HEEL-PROOF GRATING
FD-3	ZURN	ZN415B		●			●									●	●											●			●	●		
FS-1	ZURN	Z1910-KC		●			●		●	●				●							●	●			●						●	●	●	KITCHEN, ENAMELED CAST-IRON

NOTES:

1. ALL FLOOR DRAINS IN FINISHED AREAS AND ALL ROOF DRAINS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
2. ALL FLOOR DRAINS IN MECHANICAL EQUIPMENT ROOMS, BIOLER ROOMS, FAN ROOMS ETC, SHAL BE LOCATED IN COORDINATION WITH THE MECHANICAL CONTRACTOR.
3. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED ROOFING AND/OR WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.
4. THE TOP OF ALL FLOOR DRAINS SHALL BE RECESSED ¼" FROM THE ADJACENT FINISHED FLOOR.
5. PROVIDE BARRIER-TYPE TRAP SEAL MAINTENANCE DEVICE ON ALL DRAINS UNLESS OTHERWISE NOTED, ZURN Z1072 ZSHIELD OR SIMILAR.

FIXTURE SCHEDULE

DESIGNATION	FIXTURE SPECIFICATION: COMPONENT	MANUFACTURER	MODEL NUMBER	SERVICE CONNECTIONS: S	W	IW	V	CW	HW	ADDITIONAL COMMENTS
WC-1	WATER CLOSET	AMERICAN STANDARD	AFWALL 2257101	4"			2"	1"		- ADULT SIZE, ADA COMPLIANT, WALL HUNG, ELONGATED BOWL, HIGH EFFICIENCY FLUSH VALVE TOILET. - PROVIDE 1.28 GPF FLUSH VALVE - PROVIDE OPEN FRONT SOFT CLOSE SEAT LESS COVER. - HARD-WIRED FIXTURE, COORDINATE AC POWER SUPPLY WITH ELECTRICAL CONTRACTOR
	FLUSH VALVE	SLOAN	111 ESS-1.28-HW							
	SEAT	AMERICAN STANDARD	5901.100SS							
	CARRIER	JAY R. SMITH	400 SERIES							
WC-2	WATER CLOSET	AMERICAN STANDARD	MADERA 3451001	4"			2"	1"		- ADULT SIZE, FLOOR MOUNTED, ELONGATED BOWL, HIGH EFFICIENCY FLUSH VALVE TOILET. - PROVIDE 1.28 GPF FLUSH VALVE. - PROVIDE OPEN FRONT SOFT CLOSE SEAT LESS COVER. - HARD-WIRED FIXTURE, COORDINATE AC POWER SUPPLY WITH ELECTRICAL CONTRACTOR
	FLUSH VALVE	SLOAN	111 ESS-1.28-HW							
	SEAT	AMERICAN STANDARD	5901.100SS							
UR	URINAL	AMERICAN STANDARD	WASHBROOK 6590001	2"			2"	¾"		- ADULT SIZE, ADA COMPLIANT, WALL HUNG, HIGH EFFICIENCY FLUSH VALVE URINAL. - PROVIDE 0.125 GPF FLUSH VALVE - HARD-WIRED FIXTURE, COORDINATE AC POWER SUPPLY WITH ELECTRICAL CONTRACTOR
	FLUSH VALVE	SLOAN	180 ESS-0.125/OR-HW							
	CARRIER	JAY R. SMITH	6509.010							
L-1	LAVATORY	AMERICAN STANDARD	LUCERNE 0356.421		2"		2"	½"	½"	- ADA COMPLIANT, WALL HUNG. RECTANGULAR LAVATORY & BASIN. - SENSOR FAUCET WITH DECKPLATE AND HARDWIRED AC ADAPTOR, EXTENSIONS AND POWER SUPPLY KIT - PROVIDE CHROME PLATED BRASS LAVATORY GRID DRAIN ASSEMBLY FOR ALL TOILET ROOM LOCATION. - 0.50 GPM NON AERATED FLOW RESTRICTOR. - MIXING VALVE SET AT 90°F. - SUPPLY STOP VALVES TO BE LOOSE KEY.
	FAUCET	AMERICAN STANDARD	775B.105, PK00.HAC & 775P.400							
	DRAIN	MCGUIRE MANUFACTURING	PW155WC							
	P-TRAP	MCGUIRE MANUFACTURING	PW2125							
	SUPPLY	MCGUIRE MANUFACTURING	H170-LK							
	MIXING VALVE	ZURN	ZW1070XL							
MS	MOP BASIN	FIAT	MSB2424		3"		2"	¾"	¾"	- BACK-MOUNTED FAUCET WITH INTEGRAL VB - PROVIDE WITH BACKSPLASH/CORNER KIT/SIDE PANEL AS NEEDED AT EACH LOCATION. SEE ARCHITECTURAL PLANS.
	FAUCET	FIAT	830AA							
	DRAIN	FIAT	1453BB							
	HOSE&BRACKET	FIAT	832AA							
	BACKSPLASH	FIAT	MSG2424							
SK-1	SINK	ELKAY	ELUHAD191655		2"		2"	½"	½"	- MIXING VALVE SET AT 90°F. - SUPPLY STOP VALVES TO BE LOOSE KEY. - SINKS AT ART ROOM TO BE PROVIDED WITH SOLIDS INTERCEPTOR IN PLACE OF P-TRAP
	FAUCET	ZURN	Z82300-XL							
	DRAIN	MCGUIRE MANUFACTURING	PW1151AWCSAN							
	P-TRAP	MCGUIRE MANUFACTURING	PW2150							
	SUPPLY	MCGUIRE MANUFACTURING	175							
	MIXING VALVE	ZURN	ZW1070XL							
HB	HOSE BIBB	ZURN	Z1341					¾"		- CHROME FINISH, NSF 61, LK WITH INTEGRAL VACUUM BREAKER. - MOUNT 18" ABOVE FINISHED FLOOR
NFWH	NON-FREEZE WALL HYDRANT	ZURN	Z1320XL					¾"		- CHROME FINISH, NSF 61, LK WITH INTEGRAL VACUUM BREAKER. - PROVIDE EXTENSION AS NEEDED TO MATCH WALL THICKNESS
EWC-1	BI-LEVEL ADA DRINKING FOUNTAIN W\ BOTTLE FILLER	ELKAY	LZSTL8WSLK		2"		1½"	½"		- WITH CHILLER AND FILTER - PROVIDE WITH INDIVIDUAL TRAP FOR EACH DRAIN OUTLET - PROVIDE WITH STEEL MOUNTING FRAME BY MANUFACTURER - INSTALL CHECK VALVE ON CW SUPPLY TO FIXUTRE
	P-TRAP	MCGUIRE MANUFACTURING	PW2125							

NOTES:

1. REFER TO ARCHITECTUAL DRAWINGS FOR STANDARD AND ADA FIXTURE LOCATIONS, MOUNTING HEIGHTS, ELEVATIONS AND DETAILS.
2. INSTALL PRE-FORMED INSULATION COVER FOR ALL EXPOSED SUPPLY AND DRAINAGE PIPING SERVING ADA COMPLIANT LAVATORIES AND SINKS MANUFACTURED BY TRUEBRO, PLUMBEREX, HANDYSHIELD.
3. PLUMBING FIXTURE SHALL HAVE CHROME PLATED BRASS SUPPLIES, STOPS, ESCUTCHEON COVERS, P-TRAP, GRID DRAIN, POP-UP DRAINS W/ PUSH ROD, OFFSET DRAIN, CONTINUOUS DRAINS CONNECTION, SHOWER/TUB DRAIN & TAILPIECE ASSEBLIES SHALL BE CHROME PLATED BRASS, (IN LOCATIONS WHERE PIPING IS TO BE COVERED W/ INSULATION, BRASS FINISHES ONLY SHOULD ONLY BE SUBSTITUTED.)
4. GRID STRAINER/BASKET STRAINER & TAILPIECE SHALL BE STAINLESS STEEL WHERE SERVING STAINLESS STEEL FIXTURES
5. LAVATORY AND SINK FIXTURES SHALL BE PROVIDED WITH ASSE 1070 MIXING VALVES SIMILAR TO ZURN MODEL ZW1070XL.
6. SERVICE SINK FAUCETS SHALL HAVE VACUUM BREAKER & CHECK VALVES ON HW&CW SUPPLIES EITHER INTEGRAL TO FAUCET OR PROVIDE ON HW&CW PIPES FEEDING THE FAUCET.
7. WATER CLOSET/TOILET SEATS SHALL BE OF SMOOTH NON ABSORBENT MATERIAL: ALL SEATS TO BE HINGED OPEN FRONT TYPE W/ STAINLESS STEEL HINGE & HARDWARE. (COORDINATE SEAT COLOR WITH ARCHITECT)
8. PROVIDE FIXTURES WITH COMPATIBLE CARRIER AND/OR FACTORY FURNISHED WALL HANGER/SUPPORT BRACKET ASSEMBLY UNLESS OTHERWISE INDICATION.
9. PLUMBING FIXTURES (VITREOUS CHINA & SOLID SURFACE) SHALL BE WHITE IN COLOR UNLESS OTHERWISE INDICATED.
10. THE WATER SUPPLIES FOR ALL FLUSH VALVE WATER CLOSETS, SENSOR FAUCETS, DISHWASHERS, WAREWASHERS OR ANY OTHER FIXTURE HAVING QUICK-CLOSING VALVES SHALL BE PROVIDED WITH WATER HAMMER ARRESTORS.

PIPE, FITTING, AND JOINT MATERIAL SCHEDULE

PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITTING SPECIFICATION	JOINT SPECIFICATION
SANITARY/WASTE/ VENT/STORM	ABOVE GROUND	ALL	HUBLESS CAST IRON	HUBLESS CAST IRON	NEOPRENE RUBBER SEALING SLEEVE AND HEAVY DUTY STAINLESS STEEL CORRUGATED SHIELDS WITH A MINIMUM OF FOUR HEAVY DUTY BANDS
SANITARY/WASTE/ VENT/STORM	BELOW GROUND	ALL	SERVICE WEIGHT HUB-AND-SPIGOT CAST IRON	CAST IRON HUB-AND-SPIGOT	ASTM C 564 ELASTOMERIC COMPRESSION GASKET FOR USE WITH HUB-AND-SPIGOT FITTINGS.
INDIRECT WASTE	ABOVE GROUND	ALL	TYPE DWV COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER
COLD WATER/HOT WATER/ HOT WATER CIRCULATION	ABOVE GROUND	ALL	TYPE L HARD DRAWN COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER
DOMESTIC WATER SERVICE	BELOW GROUND	ALL	AWWA C151 CEMENT-LINED DUCTILE IRON	DUCTILE IRON WITH MECHANICAL JOINTS	MECHANICAL JOINTS WITH MECHANICAL RESTRAINTS

WATER HEATER SCHEDULE

DESIGNATION	MANUFACTURER	MODEL NUMBER	WATER STORAGE TEMPERATURE (°F)	WATER STORAGE CAPACITY (GAL EACH)	RECOVERY RATE (GPH EACH)	TEMPERATURE RISE (°F)	ELECTRICAL DATA: SINGLE ELEMENT LOAD (KW EACH)	TOTAL ELEMENT LOAD (KW)	VOLTAGE	PHASE	GAS DATA: NATURAL GAS	PROPANE	FUEL OIL	DUAL FUEL	LOAD (CFH)	MINIMUM OPERATING PRESSURE (IN WC)	GAS SERVICE CONNECTION (IN)	REMARKS
DWH-1A&1B	BRADFORD WHITE	CEA120-54-3	140	120	131	100	-	54	208	3								
DWH-2	BRADFORD WHITE	CEHD50	140	50	131	100	-	12.3	208	3								
ET-1	AMTROL	THERM-X-TROL ST-30VC-DD	-	-	-	-	-	-	-	-								ASME BLADDER-TYPE EXPANSION TANK
ET-2	AMTROL	THERM-X-TROL ST-70-VC	-	-	-	-	-	-	-	-								ASME BLADDER-TYPE EXPANSION TANK

PUMP SCHEDULE

SERVICE	DESIGNATION	SIMPLEX SYSTEM	DUPLEX SYSTEM	TRIPLEX SYSTEM	EMERGENCY POWER	CAPACITY (EACH PUMP): FLOW RATE	HEAD	ELECTRICAL DATA (EACH PUMP): HP	RPM	V	PH	HZ	PUMP SYSTEM SPECIFICATION: MANUFACTURER	MODEL NUMBER	REMARKS
HOT WATER CIRCULATION	HWCP-1	●				10 GPM	35 FT	1/6	3550	115	1	60	BELL & GOSSETT	PL-36B	PROVIDE WITH AQUASTAT AND TIMER SWITCH
140°F HW CIRCULATION	HWCP-2	●				5 GPM	24 FT	1/12	3550	115	1	60	BELL & GOSSETT	PL-30B	PROVIDE WITH AQUASTAT AND TIMER SWITCH

INTERCEPTOR SCHEDULE

DESIGNATION	QUANTITY	MANUFACTURER	MODEL NUMBER	RATED FLOW RATE (GPM)	RATED STORAGE VOLUME (GAL)	RATED GREASE CAPACITY (LBS)	INLET/OUTLET SIZE (INCHES)	DIMENSIONS: LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	REMARKS
GT-1	1	ZURN	Z1172	100	100	200	4	42-3/4	33-5/8	27	TO BE PROVIDED WITH VENTED FLOW CONTROL FITTING

WATER HAMMER ARRESTOR SCHEDULE

FIXTURE UNITS	1-11	12-32	33-60	31-113	114-154	155-330
PDI UNITS	A	B	C	D	E	F
PIPE SIZE	½"	¾"	1"	1¼"	1½"	2"

NOTE: SIZING BASED ON 50 FT LENGTH AND WATER PRESSURE UP TO 65 PSIG. WHEN WATER PRESSURE IN LINE EXCEEDS 65 PSI, SELECT NEXT LARGER SIZE PDI-PLUMBING & DRAINAGE INSTITUTE

PIPE INSULATION THICKNESS SCHEDULE

FLUID DESIGN OPERATING TEMPERATURE RANGE [°F]	INSULATION CONDUCTIVITY: CONDUCTIVITY RANGE [BTU·in./(hr·ft² ·°F)]	MEAN TEMPERATURE RATING [°F]	NOMINAL PIPE SIZE [in.]: <1	1 TO <1½	1½ TO <4	4 TO <8	8"+
40-60	0.21-0.27	75	1	1	1	1	1½
105-140	0.21-0.28	100	1	1	1½	1½	1½
141-200	0.25-0.29	125	1½	1½	2	2	2

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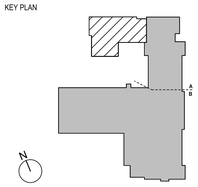

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PLUMBING SCHEDULES

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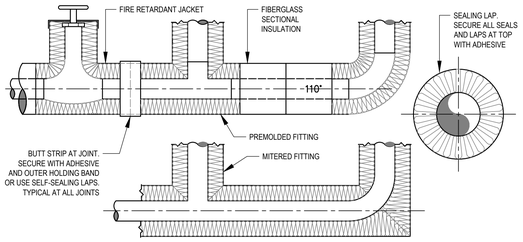
CONCEALED VALVES AND FITTINGS:

- WRAP WITH 1-INCH THICK, 1-POUND DENSITY INSULATION TO REQUIRED PIPE INSULATION THICKNESS.
- SECURE WITH WIRE OR TAPE.
- VAPOR SEAL COLD WATER, CHILLED WATER, AND STORM WATER PIPING.

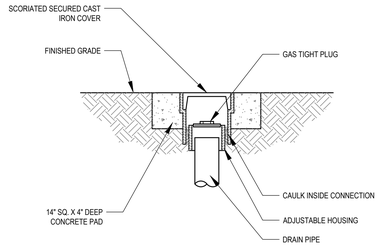
EXPOSED VALVES AND FITTINGS:

- PREMOLDED FIBERGLASS OR RADIAL MITERED PIPE INSULATION.
- SKIM COAT OF INSULATING CEMENT.
- WRAP WITH FIBERGLASS REINFORCING CLOTH.
- FINISH COAT OF MASTIC.
- OVERLAP 2-INCHES ON PIPE INSULATION.



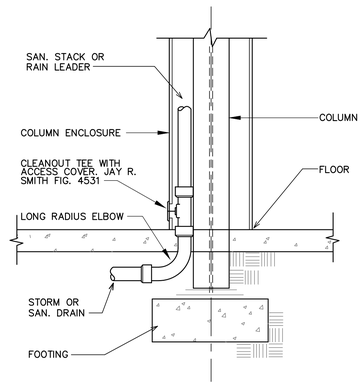
INSULATION OF PIPING, VALVES AND FITTINGS FOR EXPOSED AND CONCEALED LOCATIONS

SCALE: NTS



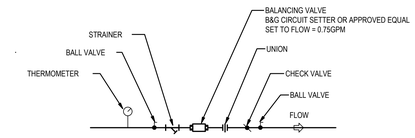
CLEANOUT DECK PLATE SET IN CONCRETE DETAIL

SCALE: NTS



DETAIL OF LEADER OR SANITARY STACK BASE

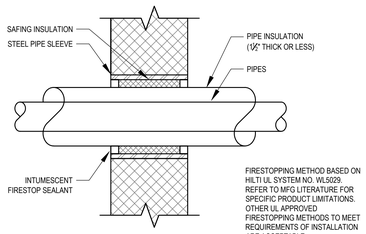
SCALE: NTS



NOTES:
1. AUTO FLOW VALVES SHALL BE LEAD FREE BRONZE BODY RATED FOR A MAX WORKING PRESSURE OF 150 PSIG. BODY AND ALL INTERNAL COMPONENTS SHALL BE CONSTRUCTED OF STAINLESS STEEL WITH MAJOR COMPONENTS CONSTRUCTED OF TYPE 303 STAINLESS STEEL.
2. SHALL BE SELF-CONTAINED, TAMPER-PROOF AND FULLY AUTOMATIC WITHOUT ADDITIONAL PIPING OR CONTROL MECHANISMS.
3. AUTO FLOW VALVE SHALL BE PROVIDED WITH TWO BALL VALVES.
4. AUTO FLOW VALVE SHALL BE CALIBRATED FOR 120 DEGREE F HOT WATER RETURN.
5. AUTO FLOW VALVE SHALL BE THERMOMEGATECH BY CIRCUITSOLVER OR APPROVED EQUAL.

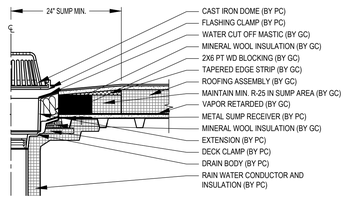
HOT WATER RETURN AUTO FLOW VALVE DETAIL

SCALE: NTS



TYPICAL DETAIL OF PIPE INSTALLATION THRU WALL

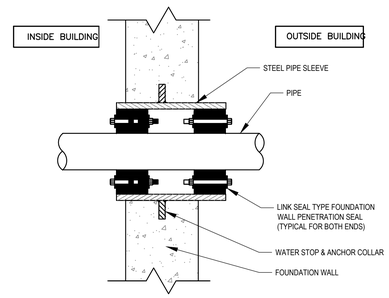
SCALE: NTS



NOTES:
1. PLUMBING CONTRACTOR (PC) TO COORDINATE INSTALLATION WITH GENERAL CONTRACTOR (GC).
2. SECONDARY (OVERFLOW) ROOF DRAIN TO BE PROVIDED WITH INTERNAL DAM WITH HEIGHT 2" MINIMUM ABOVE ADJACENT ROOF HEIGHT.
3. THE SECONDARY (OVERFLOW) ROOF DRAINAGE SYSTEM SHALL DISCHARGE SEPARATE FROM THE PRIMARY ROOF DRAIN AND BE READILY OBSERVED BY BUILDING PERSONNEL. THE DISCHARGE POINT SHALL BE ABOVE GRADE.

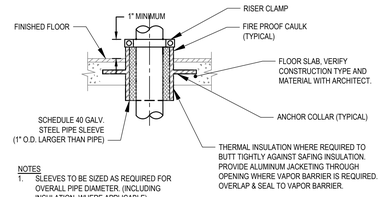
ROOF DRAIN DETAIL

SCALE: NTS



PIPE PENETRATION - FOUNDATION WALL BELOW GRADE

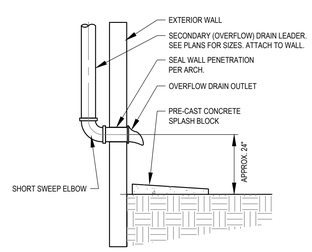
SCALE: NTS



NOTES:
1. SLEEVES TO BE SIZED AS REQUIRED FOR OVERALL PIPE DIAMETER. (INCLUDING INSULATION, WHERE APPLICABLE)
2. RISER CLAMPS FOR COPPER PIPING SHALL BE COPPER PLATED.

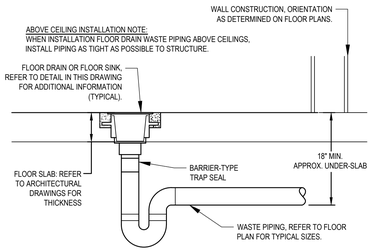
TYPICAL PIPE SLEEVE PENETRATION OF FLOOR INSTALLATION DETAIL

SCALE: NTS



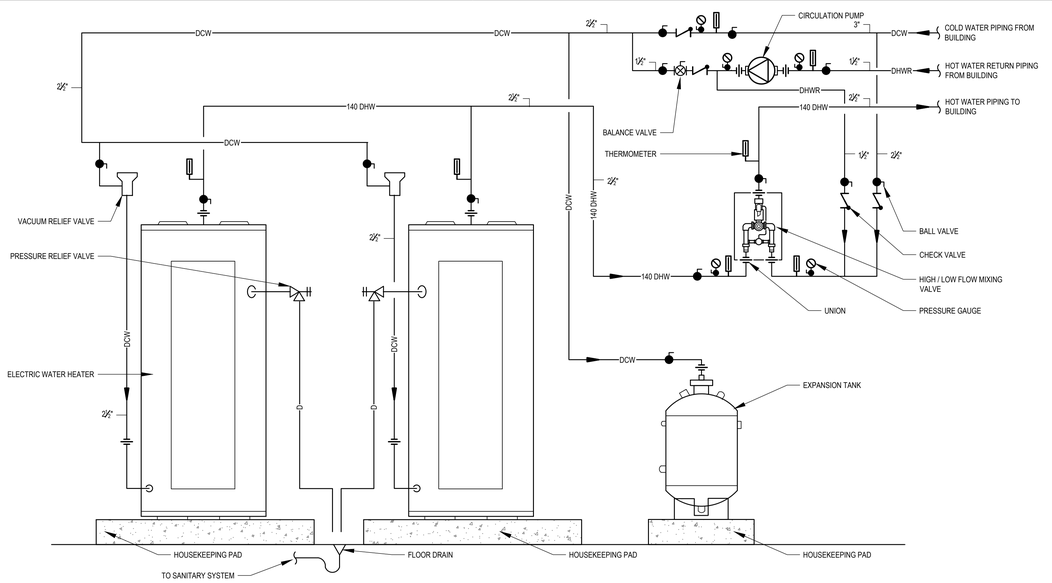
SECONDARY (OVERFLOW) STORM DRAIN DISCHARGE OUTLET DETAIL

SCALE: NTS



TYPICAL FLOOR DRAIN INSTALLATION

SCALE: NTS



DOMESTIC WATER HEATER DETAIL

SCALE: NTS

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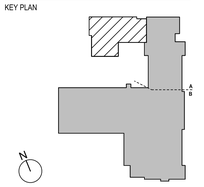

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PLUMBING DETAILS SHEET 1

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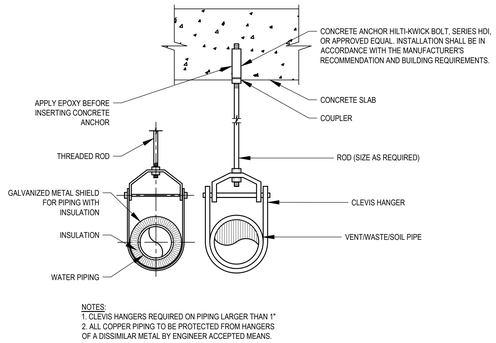
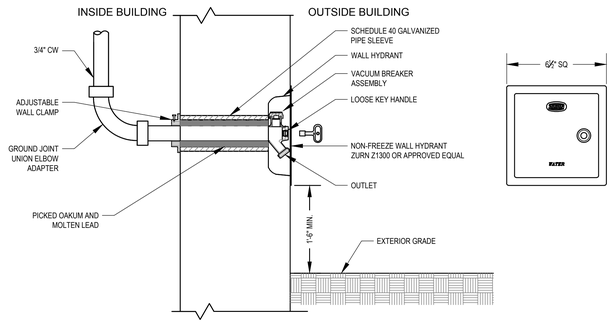


NOTES:
1. CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1"
2. ALL COPPER PIPING TO BE PROTECTED FROM HANGERS OF A DISSIMILAR METAL BY ENGINEER ACCEPTED MEANS.

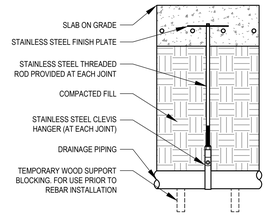
TYPICAL HANGER DETAIL

SCALE: NTS



NON-FREEZE WALL HYDRANT DETAIL

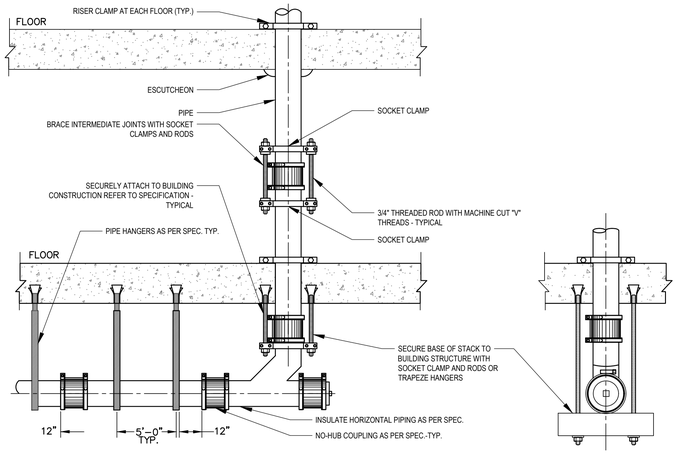
SCALE: NTS



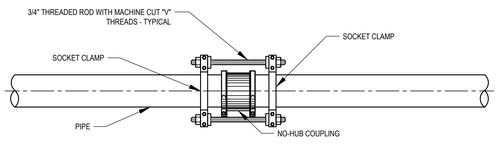
PIPE DIAMETER	ROD DIAMETER
UP TO 2"	3/8"
2 1/2" - 4"	1/2"
4" -6"	5/8"

UNDERGROUND PIPING SUPPORT BELOW SLAB

SCALE: NTS



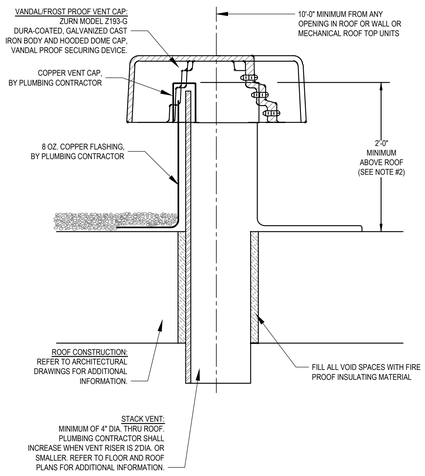
NO-HUB PIPE BRACING FOR VERTICAL PIPING



NO-HUB PIPE BRACING FOR HORIZONTAL PIPING (6" AND LARGER)

NO HUB PIPING BRACING DETAIL

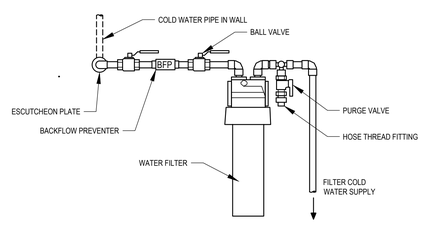
SCALE: NTS



STACK VENT NOTES:
1. ALL VENT RISERS SHALL BE OFFSET AS REQUIRED TO CLEAR ROOF STRUCTURE, DUCTWORK, OR MECHANICAL EQUIPMENT ON ROOF. PLUMBING CONTRACTOR SHALL COORDINATE FINAL VENT RISER LOCATIONS WITH OTHER TRADES WORK IN THE FIELD
2. THE MINIMUM TERMINATION HEIGHT MUST BE DETERMINED BY THE LOCAL AUTHORITY HAVING JURISDICTION BASED ON ITS SNOWFALL RATES. THE TERMINAL HEIGHT SHOULD BE NO LESS THAN 12 INCHES ABOVE THE ROOF PER NYS PLUMBING CODE.

TYPICAL VENT STACK FLASHING DETAIL - FLAT ROOF INSTALLATION

SCALE: NTS



POINT OF USE DOMESTIC WATER FILTER

SCALE: NTS

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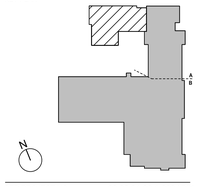

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PLUMBING DETAILS SHEET 2

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SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

F	EXISTING FIRE SERVICE PIPING
F	NEW FIRE SERVICE PIPING
FSP	NEW FIRE STANDPIPE PIPING
DFSP	NEW DRY FIRE STANDPIPE PIPING
DR	NEW DRAIN PIPING
SPKR	NEW SPRINKLER PIPING
DSP	NEW DRY SPRINKLER PIPING
	ARROW REPRESENTS DIRECTION OF FLOW
	PIPING WITH FREEZE PROTECTION CABLE UNDER INSULATION
	BURIED FIRE SERVICE, FIRE STANDPIPE, OR SPRINKLER PIPING
— X — X — X — X —	PIPING TO BE DEMOLISHED
	PIPE BREAK
	CAPPED OUTLET
	PIPE DROP / DOWN
	PIPE RISE / UP
	PIPE BOTTOM CONNECTION
	PIPE TOP CONNECTION
	PIPE SIDE CONNECTION
	CONCEALED PENDENT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
EX	EXISTING UPRIGHT TO REMAIN
EX	EXISTING CONCEALED/PENDENT TO REMAIN
	SPRINKLER HEAD BELOW DUCT/EQUIPMENT
	SIDEWALL SPRINKLER HEAD
	DRY PENDENT SPRINKLER HEAD
	DRY SIDEWALL SPRINKLER HEAD
WS	WINDOW SPECIFIC SPRINKLER HEAD
	EXPOSED PENDENT SPRINKLER HEAD
	SEMI-RECESSED PENDENT SPRINKLER HEAD
	EXISTING SPRINKLER HEAD TO BE REMOVED
1"	REMOVE EXISTING SPRINKLER HEAD, NEW 1" ARM OVER SPRINKLER PIPING TO NEW SPRINKLER HEAD LOCATION
	WATERPROOF SLEEVE
	PIPE SLEEVE
	UNION
	PRESSURE GAUGE
	TAMPER SWITCH
	FLOW SWITCH
	PRESSURE SWITCH
	FIRE HOSE VALVE
	FIRE HOSE VALVE
TEST	FIRE HOSE VALVE AND CABINET
	FIRE HOSE RACK
	FIRE HOSE RACK
	FIRE EQUIPMENT CABINET
	FIRE HOSE CABINET
	STORZ FIRE DEPARTMENT CONNECTION
	FLUSH-MOUNT SIAMESE FIRE DEPARTMENT CONNECTION
	FREE-STANDING SIAMESE FIRE DEPARTMENT CONNECTION
	FIRE PUMP TEST CONNECTION
	THREE-WAY ROOF MANIFOLD
	FLOOR CONTROL VALVE ASSEMBLY W/ TS & WFS
	FLOOR CONTROL VALVE ASSEMBLY W/ TS, WFS & PRV
	CHECK VALVE
	BALL VALVE
	GATE VALVE
	OUTSIDE SCREW & YOKE VALVE (OS&Y) WITH TAMPER SWITCH
	OUTSIDE SCREW & YOKE VALVE (OS&Y)
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	VALVE ON STEM
	STRAINER
	ALARM CHECK VALVE
	DRY PIPE CHECK VALVE
	JOCKEY PUMP
	SCHEMATIC JOCKEY PUMP
	POINT OF DISCONNECTION FROM EXISTING PIPING
	POINT OF CONNECTION TO EXISTING PIPING
X	HYDRAULIC REFERENCE POINT - NODE
X	HYDRAULIC REFERENCE POINT - ELEMENT
F / X	FIRE STANDPIPE RISER DESIGNATION
SP / X	SPRINKLER RISER DESIGNATION

THE FOLLOWING MINIMUM WARRANTY REQUIREMENTS SHALL APPLY TO ALL WORK UNDER THIS CONTRACT, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED IN THE DRAWINGS, SPECIFICATIONS, AND/OR INSTRUCTIONS TO BIDDERS. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. FINAL ACCEPTANCE SHALL BE DEFINED AS THE TIME AT WHICH THE WORK IS TAKEN OVER AND ACCEPTED BY THE OWNER, AND IS UNDER CARE, CUSTODY, AND CONTROL OF THE OWNER. REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN THE WARRANTY PERIOD, INCLUSIVE OF PARTS AND LABOR EXPENSES, AND INCLUSIVE OF AFFECTED WORK OF OTHER TRADES. PROVIDE SUPPLEMENTAL WARRANTY COVERAGE WHERE THE CONTRACT WARRANTY REQUIREMENTS EXCEED VENDORS' STANDARD WARRANTIES.

GENERAL SPRINKLER NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
2. COORDINATE THE FIRE PROTECTION SYSTEM WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING A FULL SET OF BID DOCUMENTS AND VISIT THE SITE TO MAKE HIMSELF AWARE OF THE TOTAL JOB BEFORE SUBMITTING HIS PRICE, FAILURE TO COMPLY SHALL NOT HOLD THE OWNER RESPONSIBLE FOR ANY ADDITIONAL COST. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH FACILITY'S BUILDING MANAGEMENT FOR HANDLING MATERIALS, AS WELL AS FOR ALLOWABLE WORKING HOURS AND DELIVERIES.
4. NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE NEW WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANT'S COST, AT DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH HIS APPROVAL.
5. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND MANUFACTURERS' CUTS AND SAMPLES TO ARCHITECT PRIOR TO COMMENCEMENT OF SUCH WORK.
6. THE CONTRACTOR SHALL INDICATE ON HIS SHOP DRAWING THAT ALL PIPING LAYOUTS ARE COORDINATED WITH THE MEP AND STRUCTURAL CONDITIONS. INCLUDE ON EACH WORKING DRAWING LAYOUT CERTIFICATE, THAT ALL RELATED CONDITIONS HAVE BEEN CHECKED, AND THAT NO CONFLICT EXISTS. SUBMISSION WILL NOT BE APPROVED WITHOUT SUCH CERTIFICATION.
7. CONTRACTOR SHALL SUBMIT SPRINKLER HYDRAULIC CALCULATIONS FOR THE ENGINEER'S REVIEW TO VERIFY THE ADEQUACY OF THE INDICATED PIPE SIZES.
8. SPRINKLER CONTRACTOR SHALL CONDUCT A HYDRANT FLOW TEST OR OBTAIN FLOW TEST DATA TO VERIFY THE AVAILABLE WATER SUPPLY PRESSURE AND FLOW RATE ON THE INCOMING FIRE SERVICE.
9. DRAWINGS ARE NOT TO BE SCALED.
10. CONTRACTOR SHALL COMPLY WITH ALL NEW YORK CITY BUILDING DEPARTMENT AND REGULATORY AGENCIES AND CODE REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS OF ALL TRADES.
11. CONTRACTOR SHALL CARRY AND DOCUMENT LIABILITY, ACCIDENT AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY COOPERATIVE CORPORATION AND OBSERVE THEIR PERMITTED HOURS FOR WORK.
12. CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTOR'S WORKMEN, SUBCONTRACTORS OR AGENTS, AND SHALL BE RESPONSIBLE FOR REPAIRING, CLEANING OR REPLACING ANY SUCH DAMAGE.
13. ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED.
14. UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, APPURTENANCES, EQUIPMENT AND SERVICES TO COMPLETE ALL WORK AS INDICATED ON DRAWINGS AND/OR SPECIFIED ON NOTES.
15. UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FOLLOW MANUFACTURER'S DIRECTIONS, INSTRUCTIONS AND RECOMMENDATIONS FOR ALL MATERIALS AND PROCESSES USED IN THIS CONTRACT.
16. RELOCATE ALL EXISTING SPRINKLER MAIN AND BRANCH PIPING IN THE AREA OF WORK THAT IS IN CONFLICT WITH THE LIGHTING FIXTURES AND HVAC DUCTWORK.
17. THE CONTRACTOR SHALL ALLOW FOUR (4) ADDITIONAL SPRINKLERS PER BRANCH TO BE INSTALLED BELOW AND ABOVE THE DUCTS IN MECHANICAL ROOMS.
18. SPRINKLER HEADS SHALL NOT BE LOCATED DIRECTLY OVER ANY ELECTRICAL AND TELEPHONE EQUIPMENT.
19. ELECTRICAL AND TELEPHONE EQUIPMENT SHALL BE PROTECTED BY A SHIELD TO DEFLECT WATER AWAY FROM SUCH EQUIPMENT. SHIELD SHALL BE GALVANIZED STEEL, ALUMINUM OR BRASS.
20. ACCESS DOORS ARE TO BE PROVIDED ADJACENT TO ALL VALVES.
21. SPRINKLERS IN MECHANICAL ROOM SHALL HAVE A TEMPERATURE RATING OF 212°F. LOCATIONS, NECESSARY FOR INSPECTION AND MAINTENANCE.
22. SPRINKLER PIPING SHALL BE INSTALLED AS PER APPROVED SHOP DRAWINGS.
23. CONTRACTOR SHALL BASE ALL HYDRAULIC CALCULATIONS ON THE AVAILABLE PRESSURE AND WATER FLOW DATA AT EXISTING FLOOR CONTROL ASSEMBLY.
24. EACH CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL PENETRATIONS, CUTTING, PATCHING, SLEEVES, AND FIRESTOPPING REQUIRED TO COMPLETE THE INSTALLATION OF ALL WORK INCLUDED UNDER THEIR CONTRACT IN ACCORDANCE WITH THE FIRE EGRESS AND SECURITY PLAN DRAWINGS.
25. ALL UPRIGHT SPRINKLER HEADS IN MECHANICAL AND STORAGE ROOMS SHALL HAVE HEAD GUARDS.
26. PROVIDE HYDRAULICALLY DESIGNED SPRINKLER SYSTEM FOR ALL PIPING NOT SIZED.
27. LOCATE ALL HORIZONTAL PIPING ABOVE SUSPENDED CEILING, UNLESS THERE IS NO CEILING.
28. AUTOMATIC SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS AS PER NEW YORK CITY BUILDING CODE.
29. PROVIDE SPRINKLER HEADS UNDER DUCTS OVER 4'-0" IN WIDTH IN AREAS WITHOUT HUNG CEILING.
30. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNER'S USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECT'S INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA.
31. BUILDING DEPARTMENT APPROVED PLANS SHALL BE TURNED OVER TO OWNER AT THE COMPLETION OF THE JOB.
32. AT THE FINAL COMPLETION OF THE JOB, CONTRACTOR SHALL SUBMIT TO THE FACILITY AND TO ENGINEER A NOTARIZED AFFIDAVIT STATING COMPLIANCE WITH ALL PROVISIONS OF THIS CONTRACT, INCLUDING ALL NOTES, EXCEPT FOR THOSE CHANGES SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT.
33. CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED UNDER THIS CONTRACT FOR ONE YEAR, STARTING FROM DATE OF FINAL ACCEPTANCE OF ALL WORK.
34. CONTRACTOR SHALL PROVIDE ALL FITTINGS AND PIPING REQUIRED TO MODIFY EXISTING SPRINKLER MAIN TO ALLOW FOR INSTALLATION OF HVAC DUCT WORK AND LIGHTING FIXTURES.
35. THE MINIMUM SPRINKLER BRANCH PIPE SIZE SHALL BE 1".
36. SPRINKLER HEADS SHALL BE ± 1/2" FROM CENTER OF TILE CONTRACTOR SHALL ALLOW FOR ALL REQUIRED FITTINGS TO ACHIEVE THIS GOAL AND INCLUDE IT IN HIS CONTRACT PRICE.
37. ALL DRY TYPE SPRINKLER HEADS SHALL BE INSTALLED IN TEE TYPE FITTINGS ONLY.
38. IN AREAS OF WORK IF ANY EXISTING SPRINKLERS ARE TO REMAIN, THE NEW SPRINKLERS ARE TO MATCH THE EXISTING MANUFACTURER, TYPE, TEMPERATURE AND RESPONSE.

PIPE, FITTING AND JOINT MATERIAL SCHEDULE

(NOT ALL PIPE, FITTINGS AND JOINT MATERIALS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITTING SPECIFICATIONS	JOINT SPECIFICATIONS
WET SPRINKLER WET FIRE STANDPIPE	ABOVE GROUND WITHIN BUILDING	2½" & SMALLER	SCHEDULE 40 BLACK STEEL	DUCTILE OR MALLEABLE IRON WITH THREADED ENDS	THREADED
		3" & LARGER	SCHEDULE 40 BLACK STEEL WITH GROOVED ENDS	DUCTILE IRON WITH GROOVED ENDS	BOLT-ON MECHANICAL JOINT WITH HIGH QUALITY EPDM GASKET
FIRE PROTECTION WATER SERVICE	BELOW GROUND AT BUILDING EXTERIOR	ALL SIZES	AWWA C151 CEMENT-LINED DUCTILE IRON	DUCTILE IRON MECHANICAL-JOINT	MECHANICAL-JOINT WITH JOINT RESTRAINTS

SPRINKLER HEAD SCHEDULE

SYMBOL	●	○	▽
LOCATION	AREAS WITH SUSPENDED CEILINGS	AREAS WITH EXPOSED CEILINGS	ALL AREAS WITH SUSPENDED & EXPOSED CEILINGS
OCCUPANCY	LIGHT HAZARD (SEE NOTES)	LIGHT HAZARD (SEE NOTES)	LIGHT HAZARD (SEE NOTES)
MAXIMUM COVERAGE	225 SQ. FT. (SEE NOTES)	225 SQ. FT. (SEE NOTES)	225 SQ. FT. (SEE NOTES)
SPRINKLER STYLE	CONCEALED PENDANT	UPRIGHT	HORIZONTAL SIDEWALL
RESPONSE	QUICK	QUICK	QUICK
K-FACTOR	5.6	5.6	5.6
TEMPERATURE	ORDINARY	ORDINARY	ORDINARY
MANUFACTURER	VIKING/RELIABLE	VIKING/RELIABLE	RELIABLE
MODEL NUMBER	VK-462/G5-56	VK-300/F1FR56	F1FR56
NOTES	1. ORDINARY HAZARD SPACES SHALL HAVE A MAXIMUM COVERAGE AREA OF 130 SQ. FT. 2. CONSULT WITH ARCHITECT FOR SPRINKLER COVERPLATE FINISH	1. ORDINARY HAZARD SPACES SHALL HAVE A MAXIMUM COVERAGE AREA OF 130 SQ. FT. 2. USE INTERMEDIATE TEMPERATURE RATING FOR MECHANICAL ROOMS. 3. SPRINKLERS IN AREA WITH LOW CLEARANGE SHALL BE PROTECTED WITH LISTED GUARDS.	1. ORDINARY HAZARD SPACES SHALL HAVE A MAXIMUM COVERAGE AREA OF 130 SQ. FT. 2. USE INTERMEDIATE TEMPERATURE RATING FOR MECHANICAL ROOMS. 3. SPRINKLERS IN AREA WITH LOW CLEARANGE SHALL BE PROTECTED WITH LISTED GUARDS.

GENERAL SPRINKLER REMOVAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT.
2. VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION OF THE PIPING AND EQUIPMENT TO BE REMOVED.
3. NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE DEMOLITION WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANT'S COST, AT DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH HIS APPROVAL.
4. ALL EQUIPMENT, PIPING, ETC. TO BE REMOVED, SHALL BE DISPOSED OF, RELOCATED, TURNED OVER TO THE TENANT OR SALVAGED AS DIRECTED BY THE BUILDING OWNER.
5. UPON COMPLETION OF ALL NEW WORK NO ABANDONED PIPING SHALL REMAIN. EXISTING BRANCH PIPING SERVING REMOVED SPRINKLER SHALL BE COMPLETELY REMOVED TO MAIN BRANCH AND CAPPED AT TEE WITH NEW FITTINGS.
6. THE EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
7. LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. FIELD VERIFY EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING AT THE SITE.
8. NO REMOVED EXISTING PIPING FITTINGS, VALVES, FIXTURES, ETC. SHALL BE REUSED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
9. THE CONTRACTOR SHALL NOT INTERRUPT ANY OF THE SERVICES OF THE EXISTING BUILDING NOR INTERFERE WITH THE SERVICES IN ANY WAY WITHOUT THE EXPRESS PERMISSION IN WRITING BY THE BUILDING MANAGER. SUCH INTERRUPTIONS AND INTERFERENCES SHALL BE MADE AS BRIEF AS POSSIBLE AND ONLY AT THE TIME STATED BY THE BUILDING MANAGER.
10. COORDINATE SPRINKLER HEAD LOCATION WITH EXISTING CEILING TILE AND SOFFIT CONSTRUCTION ON SITE.
11. REFER TO ARCHITECTURAL DRAWINGS FOR ALL CEILING HEIGHTS AND SPRINKLER HEAD LOCATION ON CEILING TILE.
12. CONTRACTOR & ITS SUB'S SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SPRINKLERS AND RELATED PIPING AND REMOVING SPRINKLERS AND RELATED PIPING AS REQUIRED TO MEET NEW PROPOSED SPRINKLER HEAD LAYOUT.
13. AS PART OF THIS CONTRACT, THE CONTRACTOR SHALL INCLUDE A FIREWATCH FOR THE DURATION OF THE SPRINKLER SHUT-DOWN. WHERE APPROVED BY BUILDING MANAGEMENT, A TEMPORARY SPRINKLER LOOP MAY BE PROVIDED IN LIEU OF THE REQUIRED FIRE WATCH. THERE SHALL BE NO APPROVED CHANGE ORDERS FOR THIS SCOPE:
14. CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS, SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTOR'S WORKMEN, SUBCONTRACTORS OR AGENTS, SHALL BE RESPONSIBLE FOR REPAINTING, CLEANING OR REPLACING ANY SUCH DAMAGE.
15. THE CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND FIRE PROTECTION SYSTEMS PRIOR TO THE BEGINNING OF DEMOLITION WORK.
16. SPRINKLER COVERAGE OF THE EXISTING SPRINKLER SYSTEM OUTSIDE THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
17. PROVIDE TEMPORARY SPRINKLER LOOP WHEN THE NEW CONSTRUCTION BEGINS TO PROTECT ALL MEANS OF EGRESS.
18. IN THE EVENT OF ANY DISCREPANCY BETWEEN THE DEMOLITION PLAN AND THE CONSTRUCTION PLANS, CONSTRUCTION PLANS AND INTENT SHALL GOVERN.

HYDRANT FLOW TEST DATA

DATE PERFORMED	NOVEMBER 04, 2025
TEST LOCATION	INTERSECTION OF JOHN ST AND W FRANKLIN ST
STATIC PRESSURE	76 PSI
RESIDUAL PRESSURE	51 PSI
RESIDUAL FLOW	1200 GPM
DATA SOURCE	L&L BACKFLOW PREVENTION TESTERS

NOTES:

THE CONTRACTOR SHALL PERFORM A HYDRANT FLOW TEST TO VERIFY THE AVAILABLE WATER SUPPLY PRESSURE PRIOR TO ANY PURCHASING OF EQUIPMENT, FABRICATION OR INSTALLATION.

RELATED WORK NOTE:

1. THIS CONTRACTOR IS RESPONSIBLE FOR WORK ASSOCIATED WITH THE FIRE PROTECTION WORK. THIS INCLUDES:
   a. CUTTING AND PATCHING OF ALL EXISTING WALLS, FLOORS AND CEILINGS AS REQUIRED FOR THE INSTALLATION OR REMOVAL OF PIPING, VALVES, SPRINKLERS, AND EQUIPMENT SHOWN ON THESE DRAWINGS.
   b. PATCHING OF FINISHES IS TO BE WITH LIKE MATERIALS AND COLORS AS EXISTING FINISHES.
   c. PATCHING OF EXISTING CONSTRUCTION IS TO BE MADE USING LIKE MATERIALS TO THE EXISTING BUILDING CONSTRUCTION.
   d. CUTTING AND PATCHING OF EXISTING CONSTRUCTION AND FINISHES MAY BE EXCLUDED IF REMOVAL/REPLACEMENT OF EXISTING CONSTRUCTION AND FINISHES IS SHOWN ON THE ARCHITECTURAL DRAWINGS AND FIRE PROTECTION WORK IS PERFORMED ON A SCHEDULE COORDINATED WITH THE GENERAL CONTRACTOR TO NOT DISRUPT THE PLANNED REMOVAL AND INSTALLATION OF NEW CONSTRUCTION AND FINISHES.

NEW YORK STATE CODES & STANDARDS

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 NYS UNIFORM CODE SUPPLEMENT
- NYS EDUCATION DEPARTMENT 2022 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2016 ASHRAE 90.1

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2016 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- 2016 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
- 2016 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
- 2017 NFPA 70 - NATIONAL ELECTRICAL CODE
- 2016 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

SPRINKLER SYSTEM DESIGN CRITERIA SCHEDULE

OCCUPANCY CLASS	DESIGN DENSITY	APPLICATION AREA	MAX AREA PER HEAD	"K FACTOR"	ORIFICE SIZE	APPLICABLE AREAS
LIGHT HAZARD	0.10 GPM/SQFT	1500 SQFT	225 SQFT	5.60	½" INCH	OFFICES, CORRIDORS, CLASSROOMS, BATHROOMS
ORDINARY HAZARD	0.15 GPM/SQFT	1500 SQFT	130 SQFT	5.60	½" INCH	MECHANICAL SPACE, ELEC ROOMS, STORAGE

FIRE PROTECTION DRAWING LIST

Sheet Number	Sheet Title
FP001	FIRE PROTECTION COVER SHEET
FP101	FIRE PROTECTION PLAN - BASEMENT
FP102	FIRE PROTECTION PLAN - GROUND FLOOR
FP103	FIRE PROTECTION PLAN - FIRST FLOOR
FP104	FIRE PROTECTION PLAN - SECOND FLOOR
FP701	FIRE PROTECTION DETAILS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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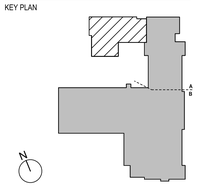
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

FIRE PROTECTION COVER SHEET

FP001

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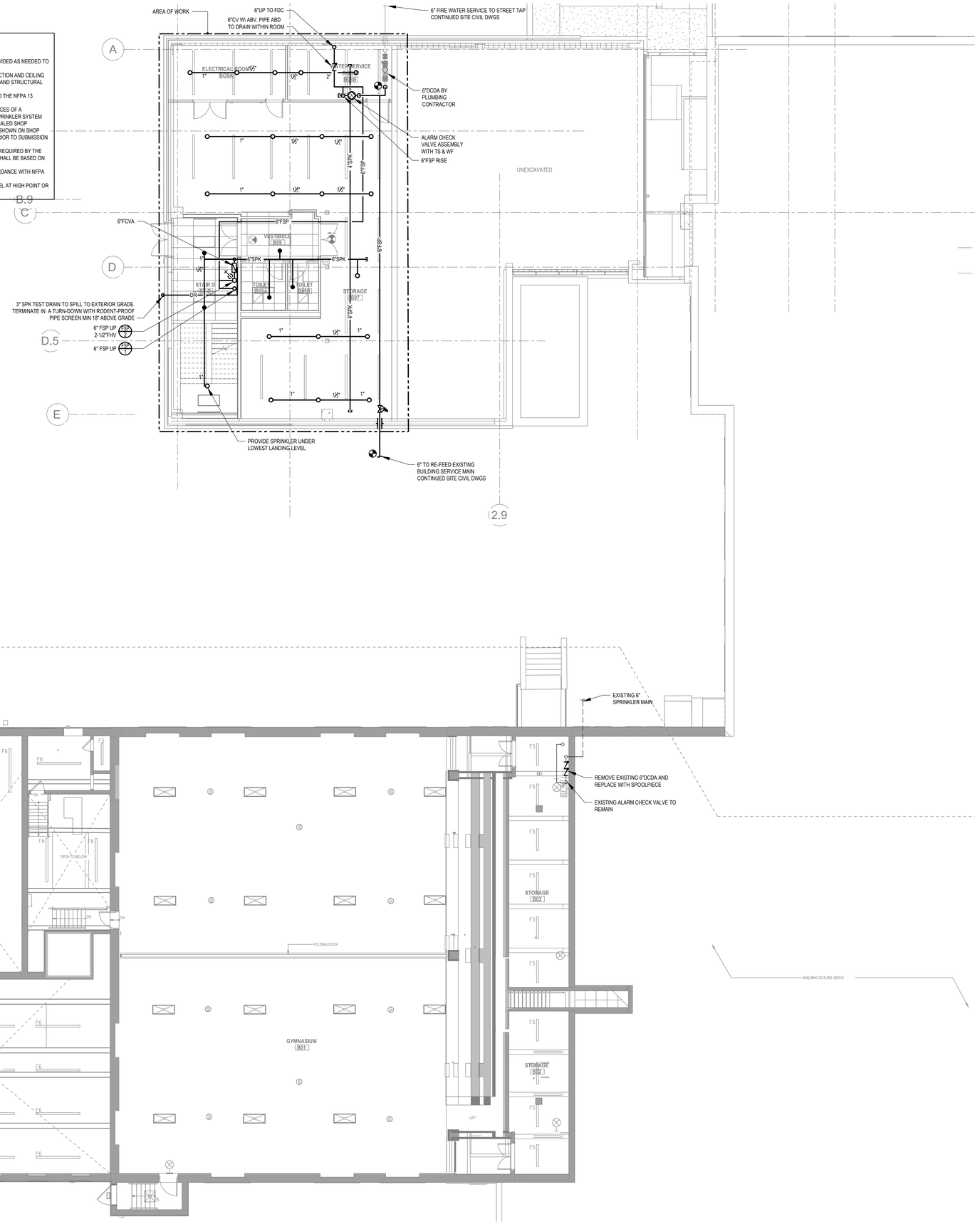
FIRE PROTECTION DRAWING NOTES

1. BRANCH LINES AND CONNECTIONS TO INDIVIDUAL SPRINKLERS SHALL BE PROVIDED AS NEEDED TO CONNECT ALL REQUIRED SPRINKLERS TO MAINS.
2. COORDINATE PIPING AND SPRINKLER INSTALLATION WITH BUILDING CONSTRUCTION AND CEILING ELEVATIONS. SEE ARCHITECTURAL RCP DRAWINGS FOR CEILING ELEVATIONS AND STRUCTURAL FRAMING PLANS FOR BUILDING CONSTRUCTION.
3. SPRINKLER PIPE SIZING IS TO BE HYDRAULICALLY CALCULATED ACCORDING TO THE NFPA 13 DESIGN CRITERIA LISTED FOR EACH AREA ON FP-001.
4. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO RETAIN THE SERVICES OF A THIRD-PARTY ENGINEER LICENSED IN THE STATE OF NY AND FAMILIAR WITH SPRINKLER SYSTEM DESIGN, STANDARDS AND PRACTICES TO PREPARE ACCURATE SIGNED AND SEALED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR ALL PROJECT AREAS. WORK SHOWN ON SHOP DRAWINGS IS TO BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO SUBMISSION FOR REVIEW BY THE EOR.
5. AUXILIARY DRAINS SHALL BE PROVIDED AT TRAPPED PORTIONS OF PIPING AS REQUIRED BY THE NFPA 13. THE FINAL QUANTITY, LOCATION, AND SIZING OF AUXILIARY DRAINS SHALL BE BASED ON THE PIPING SHOWN ON THE APPROVED SHOP DRAWINGS.
6. ARRANGE SYSTEM PIPING AND PROVIDE PROVISIONS FOR FLUSHING IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
7. PROVIDE AUTOMATIC AIR RELIEF VENT IN SYSTEM PIPING AT EACH FLOOR LEVEL AT HIGH POINT OR OTHER SYSTEM POINT IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

SPRINKLER HEAD COUNT

NEW SPRINKLER HEADS: 26



FIRE PROTECTION PLAN - BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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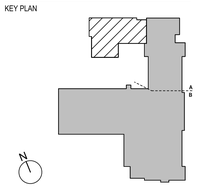
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



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FIRE PROTECTION PLAN - BASEMENT

FP101

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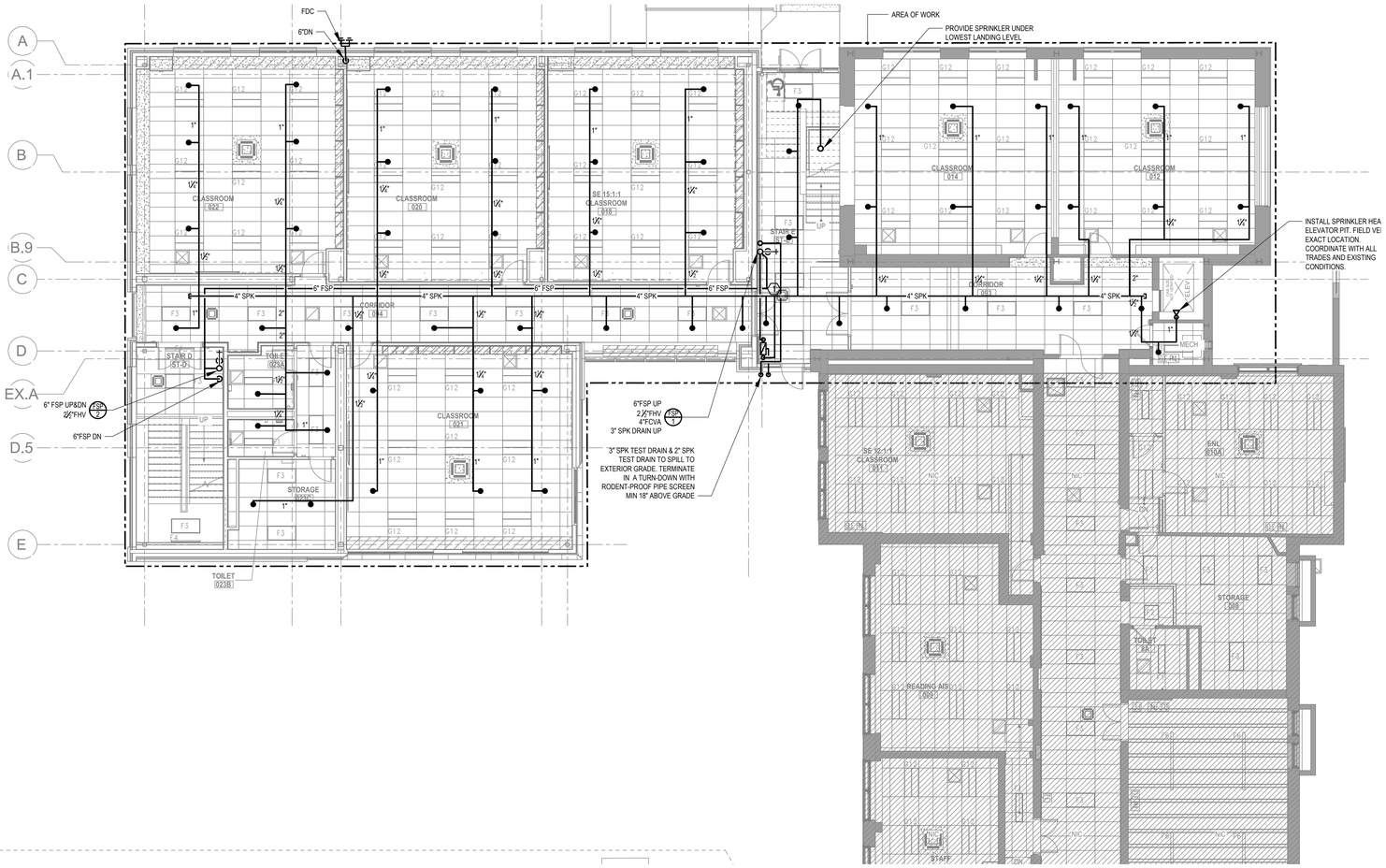
1. BRANCH LINES AND CONNECTIONS TO INDIVIDUAL SPRINKLERS SHALL BE PROVIDED AS NEEDED TO CONNECT ALL REQUIRED SPRINKLERS TO MAINS.
2. COORDINATE PIPING AND SPRINKLER INSTALLATION WITH BUILDING CONSTRUCTION AND CEILING ELEVATIONS. SEE ARCHITECTURAL RCP DRAWINGS FOR CEILING ELEVATIONS AND STRUCTURAL FRAMING PLANS FOR BUILDING CONSTRUCTION.
3. SPRINKLER PIPE SIZING IS TO BE HYDRAULICALLY CALCULATED ACCORDING TO THE NFPA 13 DESIGN CRITERIA LISTED FOR EACH AREA ON FP-001.
4. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO RETAIN THE SERVICES OF A THIRD-PARTY ENGINEER LICENSED IN THE STATE OF NY AND FAMILIAR WITH SPRINKLER SYSTEM DESIGN, STANDARDS AND PRACTICES TO PREPARE ACCURATE SIGNED AND SEALED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR ALL PROJECT AREAS. WORK SHOWN ON SHOP DRAWINGS IS TO BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO SUBMISSION FOR REVIEW BY THE EOR.
5. AUXILIARY DRAINS SHALL BE PROVIDED AT TRAPPED PORTIONS OF PIPING AS REQUIRED BY THE NFPA 13. THE FINAL QUANTITY, LOCATION, AND SIZING OF AUXILIARY DRAINS SHALL BE BASED ON THE PIPING SHOWN ON THE APPROVED SHOP DRAWINGS.
6. ARRANGE SYSTEM PIPING AND PROVIDE PROVISIONS FOR FLUSHING IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
7. PROVIDE AUTOMATIC AIR RELIEF VENT IN SYSTEM PIPING AT EACH FLOOR LEVEL AT HIGH POINT OR OTHER SYSTEM POINT IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

DRAWING KEY NOTES

1. PROVIDE EXPANSION LOOPS FOR FIRE PROTECTION PIPING AT CONNECTION POINT BETWEEN NEW AND EXISTING BUILDING CONSTRUCTION, SIMILAR TO METRAFLEX FIRE LOOP
PROVIDE ALL REQUIRED ANCHORS, PIPE GUIDES AND OTHER APPURTENANCES PER MANUFACTURER INSTALLATION INSTRUCTIONS

SPRINKLER HEAD COUNT

NEW SPRINKLER HEADS: 62



FIRE PROTECTION PLAN - GROUND FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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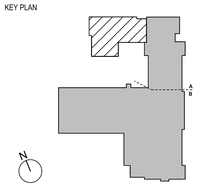
BRIDGEWATER, MA. 02324

ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

FIRE PROTECTION PLAN - GROUND FLOOR

FP102

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FIRE PROTECTION DRAWING NOTES

1. BRANCH LINES AND CONNECTIONS TO INDIVIDUAL SPRINKLERS SHALL BE PROVIDED AS NEEDED TO CONNECT ALL REQUIRED SPRINKLERS TO MAINS.
2. COORDINATE PIPING AND SPRINKLER INSTALLATION WITH BUILDING CONSTRUCTION AND CEILING ELEVATIONS. SEE ARCHITECTURAL RCP DRAWINGS FOR CEILING ELEVATIONS AND STRUCTURAL FRAMING PLANS FOR BUILDING CONSTRUCTION.
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DRAWING KEY NOTES

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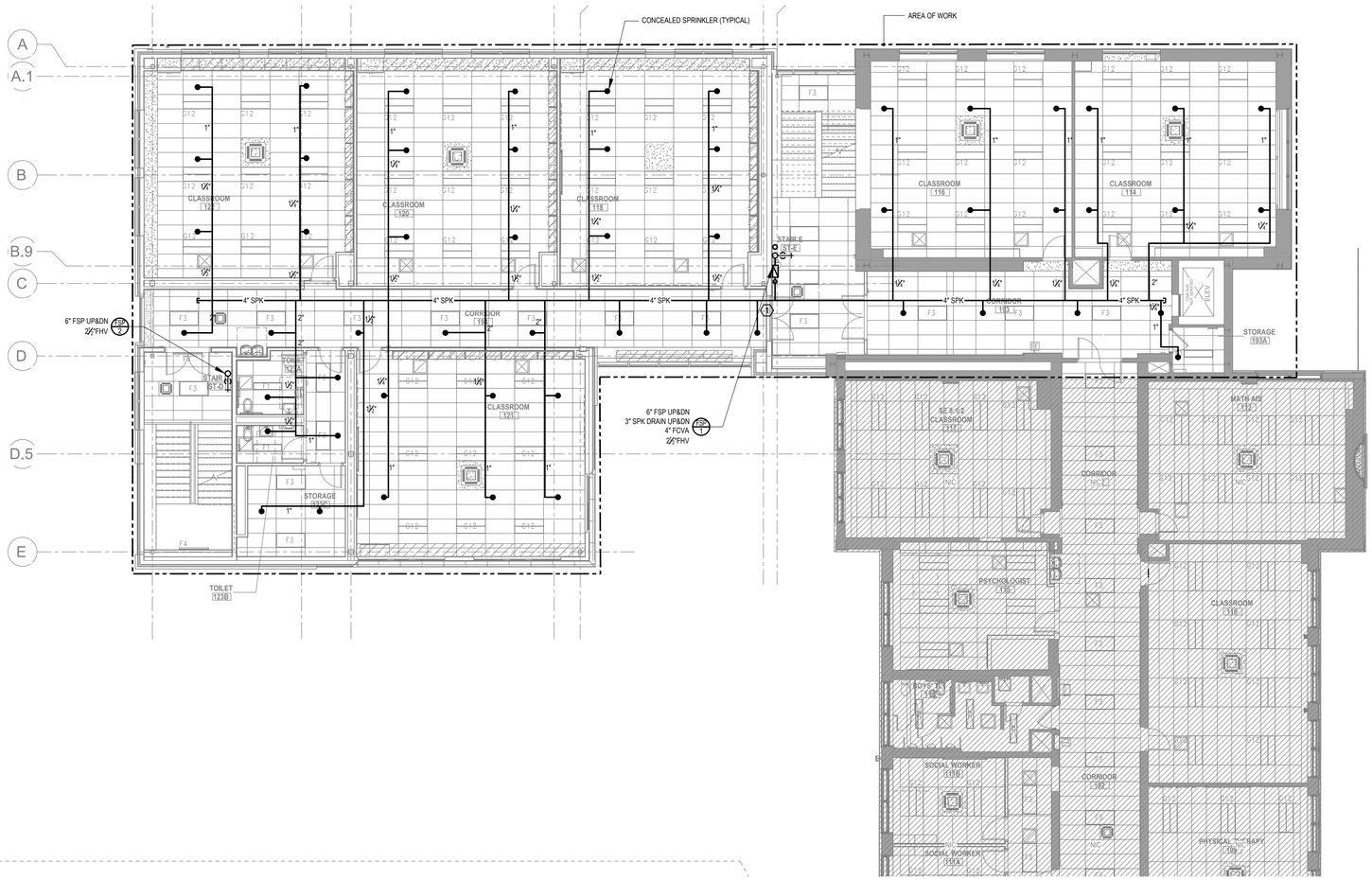
   PROVIDE ALL REQUIRED ANCHORS, PIPE GUIDES AND OTHER APPURTENANCES PER MANUFACTURER INSTALLATION INSTRUCTIONS

SPRINKLER HEAD COUNT

NEW SPRINKLER HEADS: 55



FIRE PROTECTION PLAN - FIRST FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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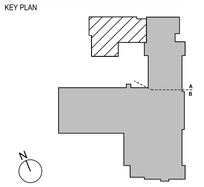
ISSUE	DATE
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

FIRE PROTECTION PLAN - FIRST FLOOR

FP103

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FIRE PROTECTION DRAWING NOTES

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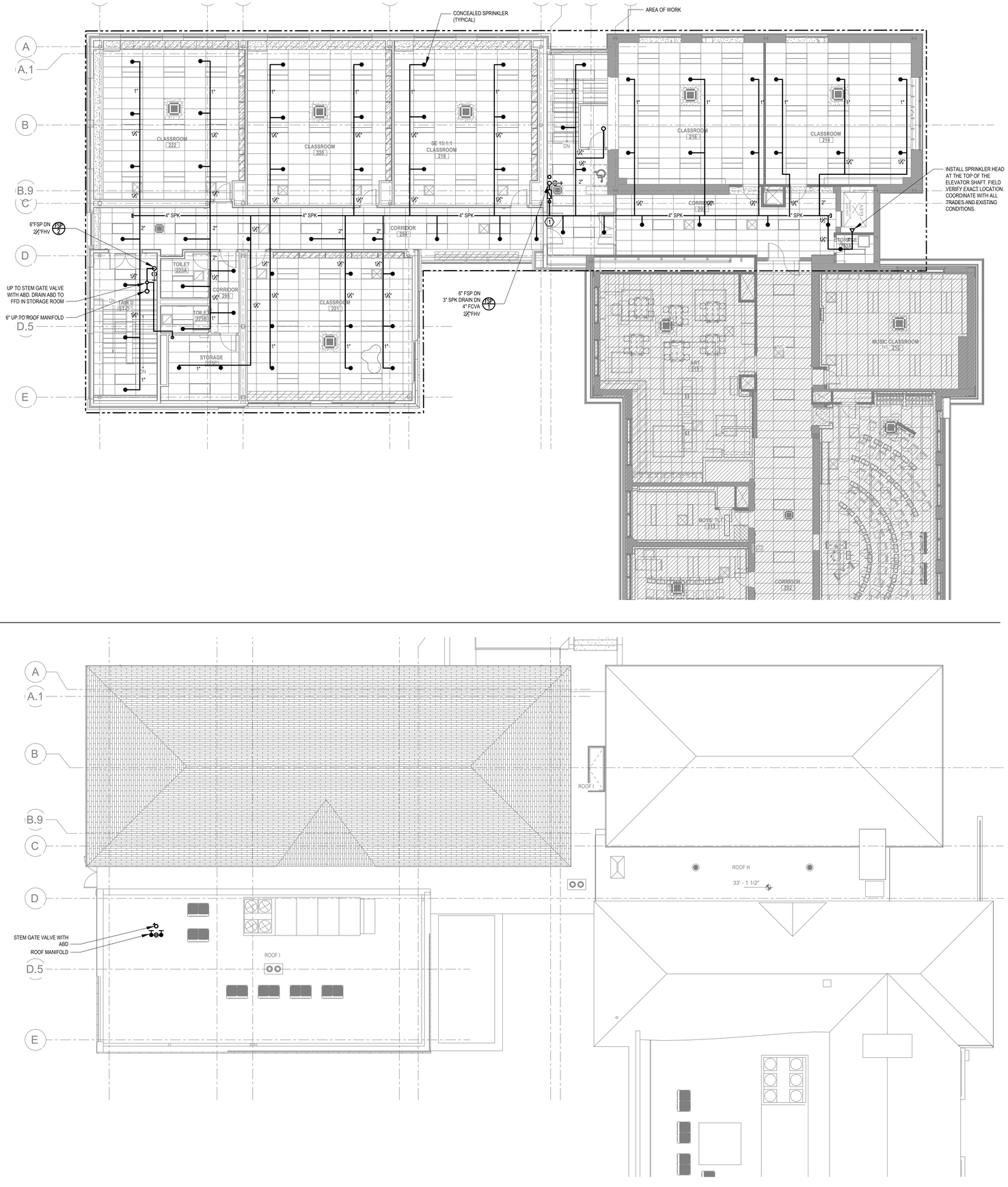
SPRINKLER HEAD COUNT

NEW SPRINKLER HEADS: 68



FIRE PROTECTION PLAN - SECOND FLOOR

1/8" = 1'-0"

FIRE PROTECTION PLAN - ROOF

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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992 BEDFORD STREET
BRIDGEWATER, MA. 02324

ISSUE	DATE
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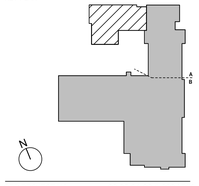

SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

FIRE PROTECTION PLAN - SECOND FLOOR

FP104

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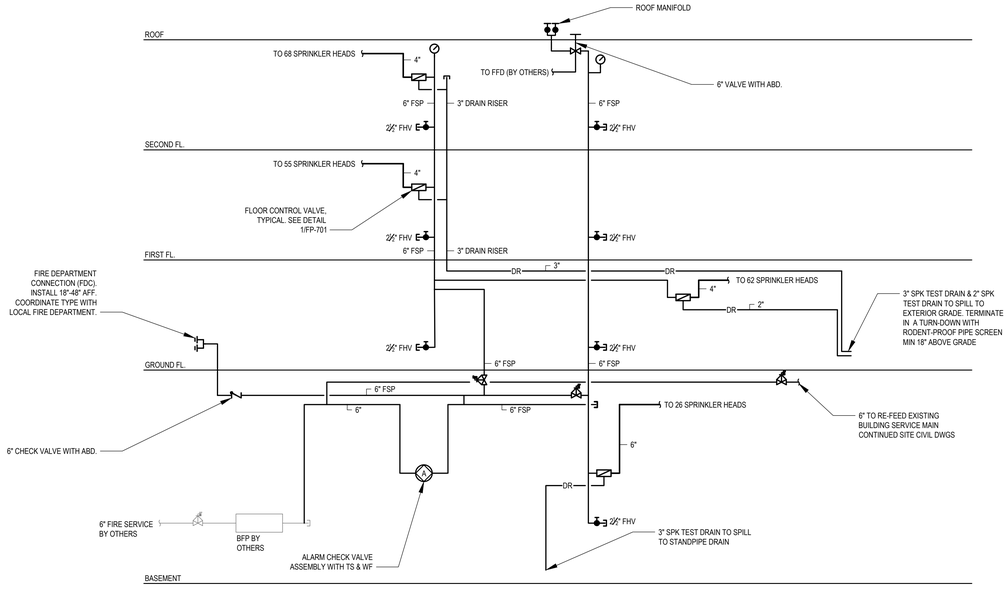

FIRE PROTECTION RISER DIAGRAM

SCALE: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT

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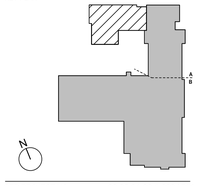

SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

FIRE PROTECCTION RISER DIAGRAM

FP-501

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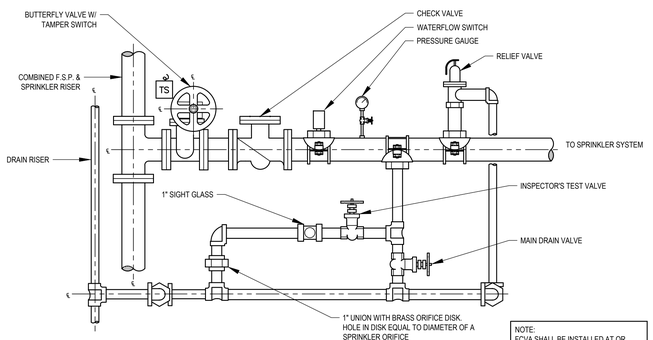
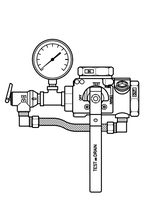


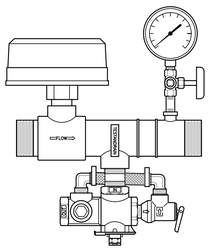
NOTE:
FCVA SHALL BE INSTALLED AT OR BELOW 7'-0" AFF. IF FCVA IS INSTALLED ABOVE 7'-0" A PERMANENT LADDER AND SIGNAGE SHALL BE INSTALLED.

FLOOR CONTROL VALVE ASSEMBLY

SCALE: NOT TO SCALE



TEST AND DRAIN VALVE



PREPACKAGED TEST AND DRAIN ASSEMBLY

TEST AND DRAIN VALVE GENERAL NOTES:

1. TEST AND DRAIN INLET/OUTLET SHALL BE SIZED AS FOLLOWS:

   RISER OR MAIN SIZE — DRAIN SIZE
   UP TO 2" — 3/4" OR LARGER
   2-1/2" TO 3-1/2" — 1-1/4" OR LARGER
   4" AND LARGER — 2" ONLY

2. TEST AND DRAIN VALVE SHALL BE AS FOLLOWS:

   AGF MODEL 2"1011T OR ENGINEERED APPROVED EQUAL.

   MODEL SHALL BE SUPPLIED WITH COMMERCIAL TRIM WITH RELIEF VALVE AND MEET ALL REQUIREMENTS OF NFPA 13.

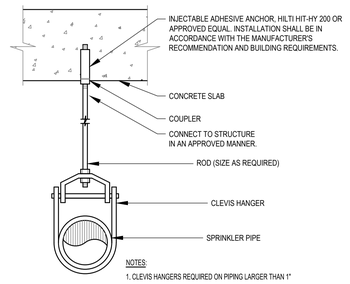
3. PREPACKAGE SYSTEM CONSISTING OF A FLOW SWITCH, PRESSURE GAUGE, AND TEST AND DRAIN VALVE SHALL BE AS FOLLOWS:

   AGF MODEL 8011 OR ENGINEERED APPROVED EQUAL.

   MODEL SHALL BE SUPPLIED WITH COMMERCIAL TRIM WITH RELIEF VALVE AND MEET ALL REQUIREMENTS OF NFPA 13.

TEST AND DRAIN ASSEMBLY INSTALLATION DETAIL

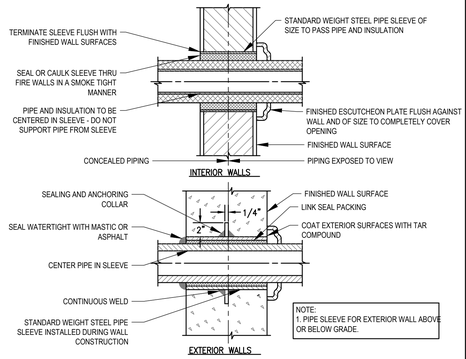
SCALE: NOT TO SCALE



NOTES:
1. CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1"

TYPICAL HANGER DETAILS

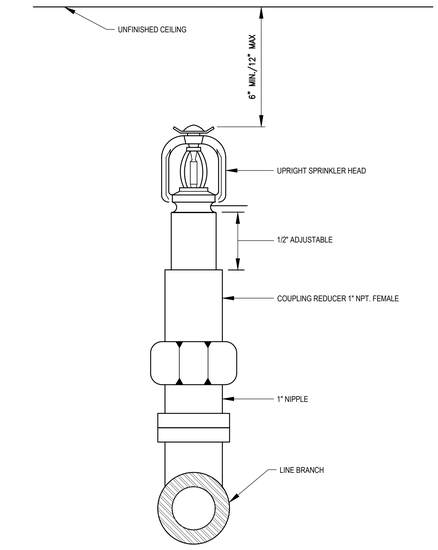
SCALE: NOT TO SCALE



NOTE:
1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE OR BELOW GRADE.

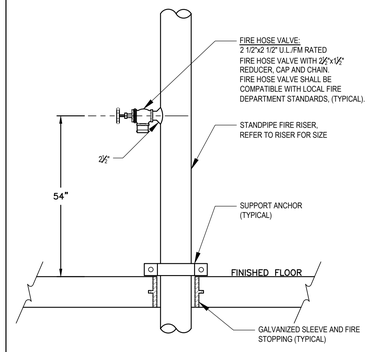
PIPE SLEEVES THRU WALL

SCALE: NOT TO SCALE



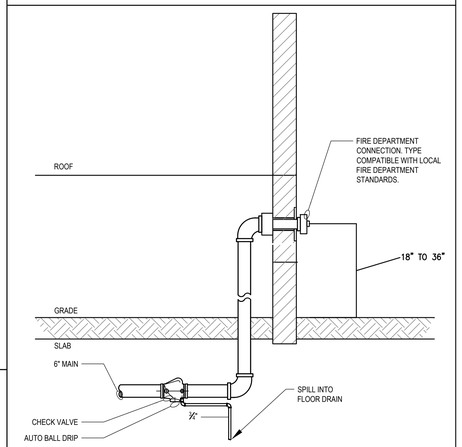
UPRIGHT SPRINKLER HEAD CONNECTION

SCALE: NOT TO SCALE



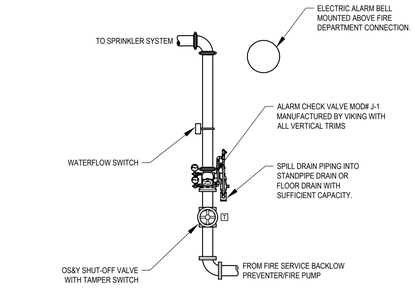
FIRE PROTECTION SYSTEM – FIRE DEPARTMENT STANDPIPE CONNECTION DETAIL

SCALE: NOT TO SCALE



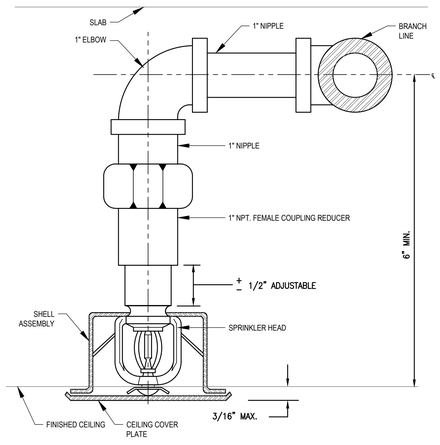
TYPICAL FIRE DEPARTMENT CONNECTION DETAIL

SCALE: NOT TO SCALE



ALARM CHECK VALVE DETAIL

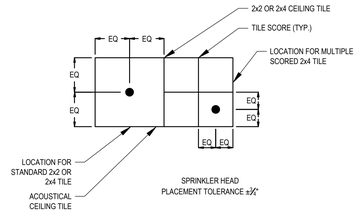
SCALE: NOT TO SCALE



GENERAL NOTES:
1. INSTALL SPRINKLER HEAD ARMS PARALLEL TO BRANCH LINES (TYPICAL)

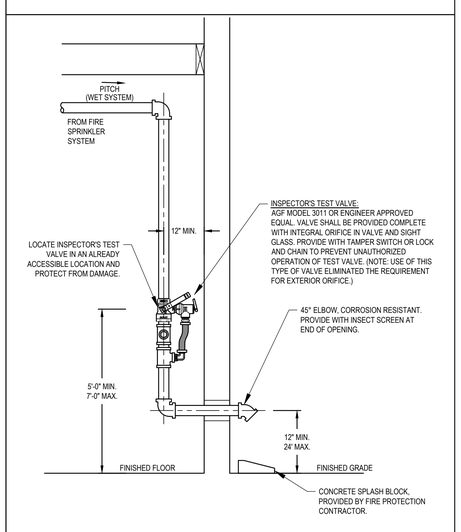
CONCEALED SPRINKLER HEAD BRANCHLINE CONNECTION

SCALE: NOT TO SCALE



SPRINKLER HEAD LOCATION DETAIL

SCALE: NOT TO SCALE



INSPECTOR'S TEST CONNECTION DETAIL (WET PIPE SYSTEM)

SCALE: NOT TO SCALE

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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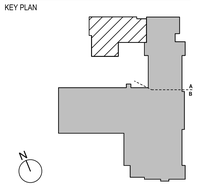
KEY PLAN



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MEMASI PROJECT NO.	101-2403

FIRE PROTECTION DETAILS

FP701

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TELECOMMUNICATIONS LEGEND AND ABBREVIATIONS

ABBREVIATIONS

℄	CENTERLINE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
ATR	ALL THREADED ROD
AV	AUDIO/VISUAL
AWG	AMERICAN WIRE GAUGE
BFBI	BUILDER FURNISHED - BUILDER INSTALLED
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CFD	CEMENT-FIBER DUCT
CL	CLOSET
CLG	CEILING
COAX	COAXIAL CABLE
CT	CABLE TRAY
CTR	CENTER
DAS	DISTRIBUTED ANTENNA SYSTEM
DIA	DIAMETER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATOR
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EP	EXPLOSION PROOF
EXT	EXTERIOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FC	FINISHED CEILING
FCC	FIRE CONTROL CENTER
FR	FIRE RATED
FRP	FIBERGLASS REINFORCED PLASTIC
GFGI	GOVERNMENT FURNISHED - GOVERNMENT INSTALLED
GC	GENERAL CONTRACTOR
GND	GROUND
HVAC	HEATING VENTILATION & AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT - SEE NEC ARTICLE 342
JB	JUNCTION BOX
LAN	LOCAL AREA NETWORK
LEC	LOCAL EXCHANGE CARRIER
MDF	MAIN DISTRIBUTION FRAME
MM	MULTI-MODE (OPTICAL FIBER)
MTD	MOUNTED
MTG	MOUNTING
NEC	NATIONAL ELECTRICAL CODE - NFPA 70
NESC	NATIONAL ELECTRICAL SAFETY CODE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OSP	OUTSIDE PLANT
P/B	PULL BOX
PR	PAIRS-NUMBER OF PAIRS IN COPPER CABLE
PVC	POLYVINYL CHLORIDE
RM	ROOM
RMC	RIGID METAL CONDUIT - SEE NEC ARTICLE 344
RU	RACK UNIT; UNIT OF PATCH PANEL HEIGHT EQUAL TO 1.75 INCH
SCC	SECURITY CONTROL CENTER
SCTP	SCREENED TWISTED PAIR
SM	SINGLE-MODE (OPTICAL FIBER)
STP	SHIELDED TWISTED PAIR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBD	TO BE DETERMINED
TC	TELECOMMUNICATIONS CONTRACTOR
TEL	TELECOMMUNICATION
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TMHL	TELECOMMUNICATIONS MANHOLE
TO	TELECOMMUNICATIONS OUTLET
TR	TELECOMMUNICATIONS ROOM
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
VTC	VIDEO TELECONFERENCING
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF

SYMBOLS LEGEND

RACEWAY LEGEND

T ——— T	TELECOMMUNICATIONS CONDUIT
UT ——— UT	CONDUITS BELOW GRADE/SLAB OR EMBEDDED IN SLAB
J ——— J	CABLES ON J-HOOKS
	CONDUIT UP
	CONDUIT DOWN
	CONDUIT STUBBED OUT WITH BUSHING
	CONDUIT CROSS-SECTION
——— CT ———	TELECOMMUNICATIONS CABLE TRAY
	TELECOMMUNICATIONS CABLE TRAY
P / B	PULL-BOX
M / H	MANHOLE
	WALL MOUNTED JUNCTION BOX
	WALL MOUNTED FURNITURE FEED WITH COVER PLATE AND FLEXIBLE WHIP
	FLOOR MOUNTED FURNITURE FEED WITH COVER PLATE AND FLEXIBLE WHIP.

GROUNDING LEGEND

TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR

MISCELLANEOUS SYMBOL LEGEND

#	SHEET KEYNOTE
#	REVISION NUMBER
1 / T2.1	CALLOUT — CALLOUT NUMBER / SHEET NUMBER
1 / T2.1	SECTION — SECTION NUMBER / SHEET NUMBER

WIRING DEVICE LEGEND

W	TELECOMMUNICATIONS WALL PHONE OUTLET (1) CATEGORY 6 4-PAIR UTP CABLE
E	TELECOMMUNICATIONS PHONE OUTLET FOR ELEVATOR CONTROL (1) CATEGORY 6 4-PAIR UTP CABLE
#	TELECOMMUNICATIONS WALL MOUNTED OUTLET '#' DENOTES NUMBER OF CATEGORY 6 4-PAIR UTP CABLES 'C' DENOTES COUNTER HEIGHT
TV	WALL MOUNTED TV OUTLET (1) HDMI CABLE FROM DISPLAY TO 18" AFF BELOW DISPLAY MOUNTING HEIGHT SHALL BE 65" AFF AT TV END.
WAP	WALL MOUNTED OUTLET FOR WIRELESS ACCESS POINT (2) CATEGORY 6A 4-PAIR UTP CABLES
WAP	CEILING MOUNTED OUTLET FOR WIRELESS ACCESS POINT (2) CATEGORY 6A 4-PAIR UTP CABLES; MOUNTED FLUSH IN CEILING OR TIGHT TO STRUCTURE
S	CEILING MOUNTED SPEAKER
S	WALL MOUNTED SPEAKER
CL	WALL MOUNTED COMBO CLOCK UNIT WITH SPEAKER (1) CATEGORY 6 4-PAIR UTP CABLE TO NEAREST TELECOM ROOM
H	WALL MOUNTED HORN
H C	WALL MOUNTED HORN WITH CAGE

NOTES:

1. FOR TELECOMMUNICATIONS OUTLETS, PROVIDE BOX WITH CONDUIT FROM BOX TO 3" ABOVE AN ACCESSIBLE CEILING OR INTO THE TELECOM ROOM. INCLUDE PULL STRING AND TERMINATED WITH AN INSULATED BUSHING. BOXES SHALL BE RECESSED.
   1"C., 4 11/16" x 2 1/8" BOX WITH 5/8" RAISED SINGLE GANG PLASTER RING. RACO #259 & 843 OR EQUAL.
2. FOR TELEPHONE OUTLET, PROVIDE SINGLE GANG BOX AND PLASTER RING BOX WITH 3/4" CONDUIT TERMINATED WITH AN INSULATING BUSHING TO 3" ABOVE AN ACCESSIBLE CEILING OR INTO THE TELECOM ROOM WITH A PULL STRING.
3. ALL CONDUITS, BACK BOXES AND PLASTER RINGS WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. TELECOMMUNICATIONS CONTRACTOR SHALL COORDINATE AND VERIFY THE OUTLET LOCATIONS BY REFERRING TO THE ELECTRICAL DRAWINGS AND DETAILS.
4. REFER TO ARCHITECTURAL DETAILS FOR EXACT MOUNTING HEIGHTS OF ALL OUTLETS.

TELECOMMUNICATIONS/ IT SCOPE OF WORK	ELECTRICAL CONTRACTOR	PROVIDED/ INSTALLED BY DISTRICT	DISTRICT'S SERVICE PROVIDER
FIBER SERVICE INTO THE BUILDING TO MDF			X
FIBER EXTENSION TO NEW MDF ON 2ND FLOOR (INTERNET AND OPENDOOR)			X
NEW FIBER CABLE BETWEEN MDF AND IDF	X		
NEW IT RACKS IN MDF AND IDF	X		
PATCH PANELS IN RACKS	X		
UPS IN RACKS		X	
NETWORK SWITCHES		X	
PATCHING FROM NETWORK SWITCHES TO PATCH PANELS		X	
NETWORK PROGRAMMING		X	
INSTALLATION OF WIRELESS ACCESS POINTS	X		
NETWORK DROPS	X		
CABLING FROM DROPS TO MDF/IDF	X		
CABLING TERMINATIONS IN MDF/IDF	X		
PA/CLOCK DEVICES	X		
PA/CLOCK WIRING	X		
PA/CLOCK TERMINATIONS	X		
PHONE SYSTEM			
PA INTEGRATION W/ PHONE SYSTEM	X		
TV/DISPLAYS		X	
INSTALL POWER/DATA TO ALL DATA RACKS AND SERVER ROOMS	X		

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR THOROUGHLY EXAMINING ALL EXISTING CONDITIONS AND LOCATING ALL EXISTING EQUIPMENT AND INFRASTRUCTURE THAT MAY BE AFFECTED BY THE PROJECT PRIOR TO THE START OF ANY WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DOCUMENTS MUST BE REPORTED BACK TO THE ARCHITECT AND DESIGN CONSULTANT PRIOR TO THE START OF ANY WORK.
2. THE LOCATIONS AND ELEVATIONS OF TECHNOLOGY DEVICES SHOWN ON THESE DRAWINGS ARE SCHEMATIC UNLESS ACTUAL DIMENSIONS ARE SHOWN ON THE DRAWINGS. REFER TO THE ARCHITECTURAL PLANS AND OBTAIN THE APPROVAL OF THE ARCHITECT FOR THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL DEVICES.
3. CONTRACTOR SHALL ENSURE THAT ALL MOUNTING HEIGHTS COMPLY WITH CURRENT ADA REQUIREMENTS.
4. ABOVE COUNTER DEVICES SHALL BE MOUNTED 8" ABOVE COUNTER OR A MAXIMUM OF 44" AFF (TO TOP OF DEVICE).
5. PROVIDE SUPPORTS AND ANCHORING FOR PIPING, CONDUIT, DUCTS, EQUIPMENT, AND OTHER NON-STRUCTURAL ELEMENTS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE SOUND PUTTY PADS IN ALL BACK BOXES.
7. FIRESTOPPING: ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS AND CONDUIT/SLEEVE OPENINGS SHALL BE SEALED WITH MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES, HOT GASSES AND SMOKE WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC FOR APPLICABLE CODES.
8. ALL COMMUNICATIONS CONDUIT, CABLE TRAYS, LADDER RACKS AND EQUIPMENT RACKS SHALL BE BONDED TO BUILDING GROUND SYSTEM PER NEC 250 AND ANSI/TIA-607-C.
9. LABEL ALL CLOSETS, RACKS, FRAMES, CABINETS, TERMINATION BLOCKS, CABLES, TERMINATIONS, RACEWAYS, ETC. IN ACCORDANCE WITH ANSI/TIA-606-C.
10. ALL COMMUNICATIONS RACEWAYS AND PATHWAYS SHALL BE INSTALLED TO MINIMIZE UNNECESSARY CABLE LENGTHS AND MAINTAIN INDUSTRY STANDARD LENGTH LIMITATIONS FOR HORIZONTAL CABLE DISTRIBUTION (E.G CAT.6). BASIC LINK CABLE LENGTH SHALL NOT EXCEED 295 FT (90M) FOR UTP CABLE, 150 FT (45M) FOR SERIES-6 COAXIAL CABLE.
11. ALL COMMUNICATIONS CABLE SHALL BE PLENUM RATED (CMP), RISER RATED (CMR) AND UNDERGROUND RATED (WATERBLOCK) ACCORDING TO USE AND ENVIRONMENTAL CONDITIONS.
12. PROVIDE PROTECTIVE BUSHINGS ON ALL COMMUNICATIONS CONDUITS AND WHERE CABLING ROUTES THROUGH METAL STUDS.
13. ALL NON-ARMORED FIBER OPTIC CABLE SHALL BE INSTALLED IN APPROVED INNERDUCT.
14. ALWAYS INSTALL LOW-VOLTAGE CABLES IN CONDUITS, CABLE TRAYS, WIREWAYS OR OTHER APPROVED CABLE MANAGEMENT DEVICES OR SYSTEMS. NEVER INSTALL CABLES IN SUCH A MANNER THAT THEY ARE SUPPORTED BY CEILING SYSTEMS (CEILING TILE OR GRID, GYPSUM BOARD, LATH & PLASTER), HVAC DUCTS OR PIPES, LIGHTING FIXTURES, ELECTRICAL CONDUITS OR CABLES, PLUMBING/FIRE PROTECTION PIPES, OR ANY OTHER DEVICES NOT INTENDED FOR THE SUPPORT OF LOW-VOLTAGE CABLING.
15. EXPOSED LOW-VOLTAGE CABLES SHALL NOT BE PAINTED. ANY PAINTED CABLES SHALL BE REMOVED AND REPLACED WITH NEW CABLES.
16. PROVIDE WEATHERPROOF, IN-USE COVER FOR EXTERIOR DATA DEVICES.
17. ALL CABLE TRAY MOUNTING HEIGHTS INDICATED ON FLOOR PLANS ARE TO THE BOTTOM OF CABLE TRAY SUPPORTS.
18. SEISMIC BRACING FOR ALL CABLE TRAYS SHALL BE PROVIDED AS REQUIRED BY CODE, LOCAL GOVERNING JURISDICTION AND CABLE TRAY MANUFACTURER SPECIFICATIONS.
19. ALL CABLE TRAY ROUTING THROUGH ELECTRICAL ROOMS SHALL BE FULLY ENCLOSED. REFER TO CABLE TRAY DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
20. CABLE TRAY AND CABLE ROUTING ARE INTENDED TO SUPPORT ALL TYPES OF TELECOMMUNICATIONS CABLING AS DEFINED IN TIA-569-D.
21. RACEWAYS AND CABLE SHALL BE RUN CONCEALED IN FINISHED SPACES UNLESS OTHERWISE INDICATED.
22. REUSABLE VELCRO TIES SHALL BE USED TO BUNDLE OR MANAGE CABLES. PLASTIC ZIP TIES ARE NOT APPROVED FOR USE.
23. SIZE AND ORIENTATION OF ALL TELECOM PULL-BOXES SHALL MEET OR EXCEED THE BICSI TDMM REQUIREMENTS.
24. ALL LOW-VOLTAGE CONDUIT LARGER THAN 2" SHALL HAVE A MINIMUM BEND RADIUS OF 10:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL LOW-VOLTAGE CONDUIT 2" AND SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 6:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS.
25. ALL CONDUITS SHALL BE INSTALLED WITH PULL-STRINGS.
26. ALL CABLING WITHIN ACCESSIBLE CEILINGS SHALL BE SUPPORTED WITH MULTI-TIERED J-HOOKS. J-HOOKS SHALL BE REQUIRED TO PROVIDE ADDITIONAL CAPACITY TO INSTALL FUTURE CABLING.
27. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL INTEGRATION AND PROGRAMMING BETWEEN THE EXISTING VOIP PHONE SYSTEM (ANALOG EXTENSIONS TO PA), EXISTING MASS NOTIFICATION SYSTEM (INFORMACAST) AND THE NEW PA SYSTEM (INCLUDED BY NOT LIMITED TO: IP GATEWAYS, AMPS, CONTROLLERS, INPUTS, ETC.

LEGEND NOTES

THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT.

EXISTING EQUIPMENT

(E)	EXISTING DEVICE TO REMAIN
(X)	EXISTING DEVICE TO BE REMOVED
(XR)	EXISTING DEVICE TO BE REMOVED AND RELOCATED
(XL)	NEW LOCATION OF EXISTING RELOCATED DEVICE

DEMOLITION NOTES

1. GENERAL DEMOLITION WORK SHALL BE DONE BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED. COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES REMAINING IN THE BUILDING.
2. CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND INFRASTRUCTURE ASSOCIATED WITH THE STRUCTURED CABLING SYSTEM.
3. WHERE EXISTING OUTLETS ARE NOT TO BE REUSED, THEY SHALL BE REMOVED AND THE CABLING PULLED BACK TO ITS SOURCE AS REQUIRED BY JOB CONDITIONS.
4. REMOVE EXPOSED OR ACCESSIBLE CABLING TO EQUIPMENT OR OUTLETS TO BE REMOVED OR RELOCATED, UNLESS OTHERWISE INDICATED.
5. CABLING INDICATED TO BE REMOVED SHALL BE REMOVED BACK TO ITS SOURCE. CONDUIT OVER UNDISTURBED CEILINGS SHALL REMAIN AND BE LABELED ABANDONED ON EACH END.
6. CONTRACTOR TO REMOVE ALL EXISTING DATA CABLING FROM END TO END.
7. COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING. COORDINATE REQUIRED INTERRUPTIONS AND PERFORM AT TIME CONVENIENT TO OWNER.
8. WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.
9. PRIOR TO COMMENCING WORK OF THIS SECTION, EXAMINE THE SITE AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED. DETERMINE EXACT LOCATIONS OF EXISTING ITEMS. REPORT TO ENGINEER ANY CONDITIONS THAT MIGHT ADVERSELY AFFECT WORK. COMMENCEMENT OF WORK WILL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
10. TONE, TAG AND IDENTIFY ALL WIRING BEFORE DEMOLITION.
11. ANY EXISTING WIRELESS ACCESS POINTS NOT USED IN RENOVATION SHALL BE RETURNED TO THE OWNER. REMOVE EXISTING DATA CABLE FROM END TO END.

DRAWING LIST

TT001	TELECOM LEGEND AND ABBREVIATIONS
TT110AB	TELECOM BASEMENT AREAS A AND B
TT111A	TELECOM GROUND FLOOR AREA A
TT111B	TELECOM GROUND FLOOR AREA B
TT112A	TELECOM FIRST FLOOR AREA A
TT112B	TELECOM FIRST FLOOR AREA B
TT113A	TELECOM SECOND FLOOR AREA A
TT113B	TELECOM SECOND FLOOR AREA B
TT114A	TELECOM THIRD FLOOR AREA A
TT114B	TELECOM THIRD FLOOR AREA B
TT201	TELECOM RISER DIAGRAM
TT202	TELECOM IP-PA SPEAKER RISER DIAGRAM
TT203	TELECOM ANALOG PA SPEAKER RISER DIAGRAM
TT301	TELECOM DETAILS

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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KEY PLAN

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

TELECOM LEGEND AND ABBREVIATIONS

TT001

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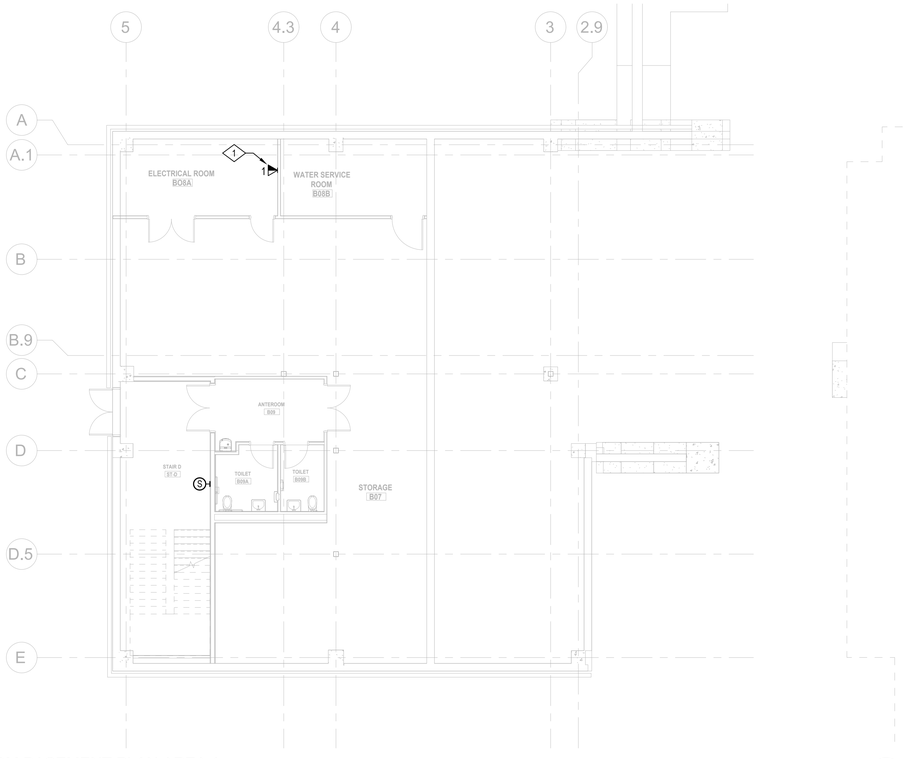
KEY NOTE:

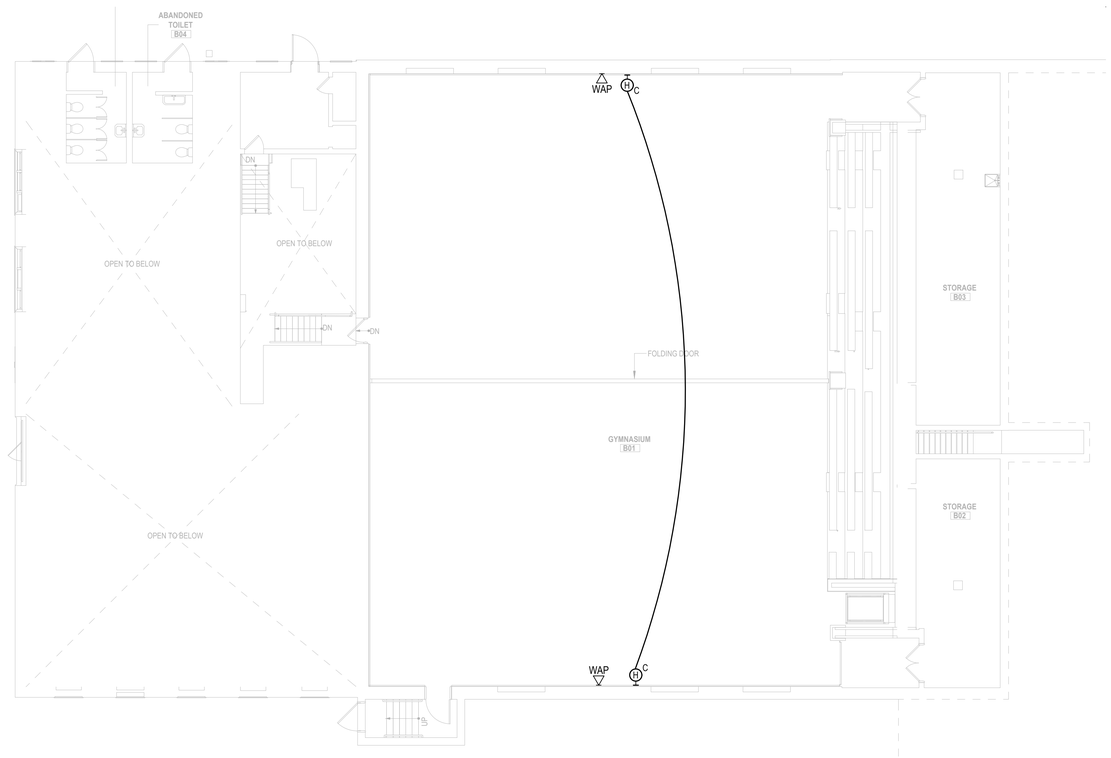
1 FIELD COORDINATE EXACT MOUNTING LOCATION WITH CONTROLS CONTRACTOR AND GC.



TELECOM BASEMENT PLAN AREA A

1/8" = 1'-0"

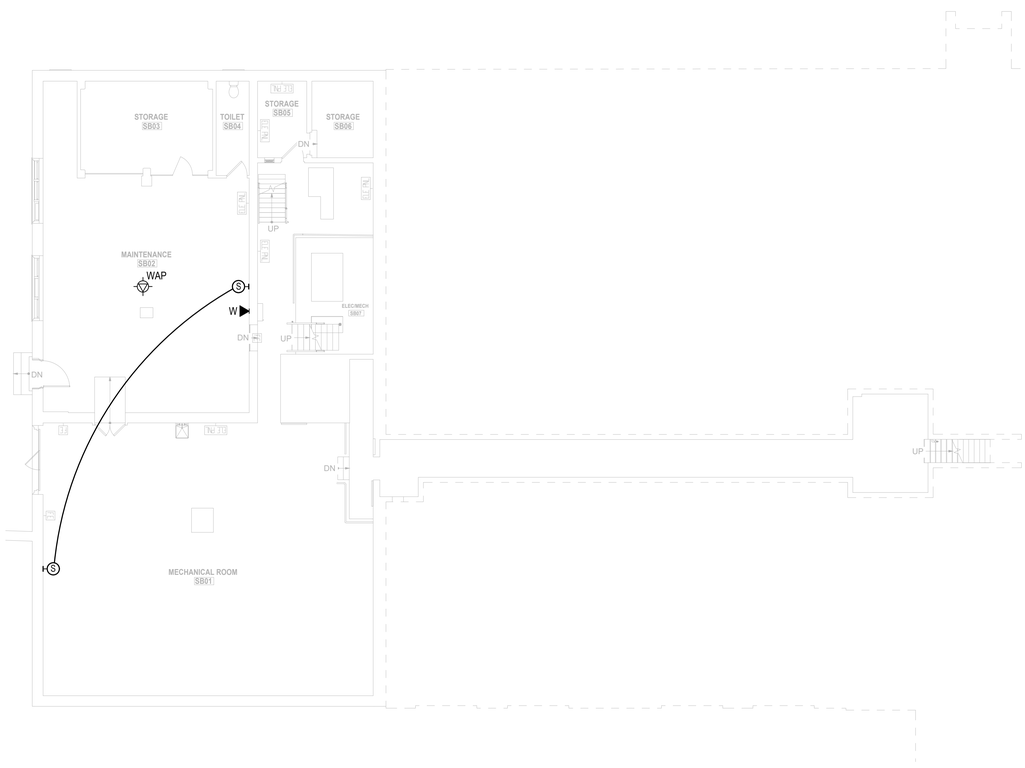
20



TELECOM BASEMENT PLAN AREA B

1/8" = 1'-0"

21



TELECOM SUB-BASEMENT PLAN AREA B

1/8" = 1'-0"

10

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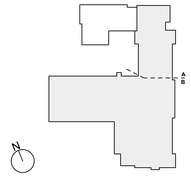

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TELECOM BASEMENT AREAS A AND B

TT110AB

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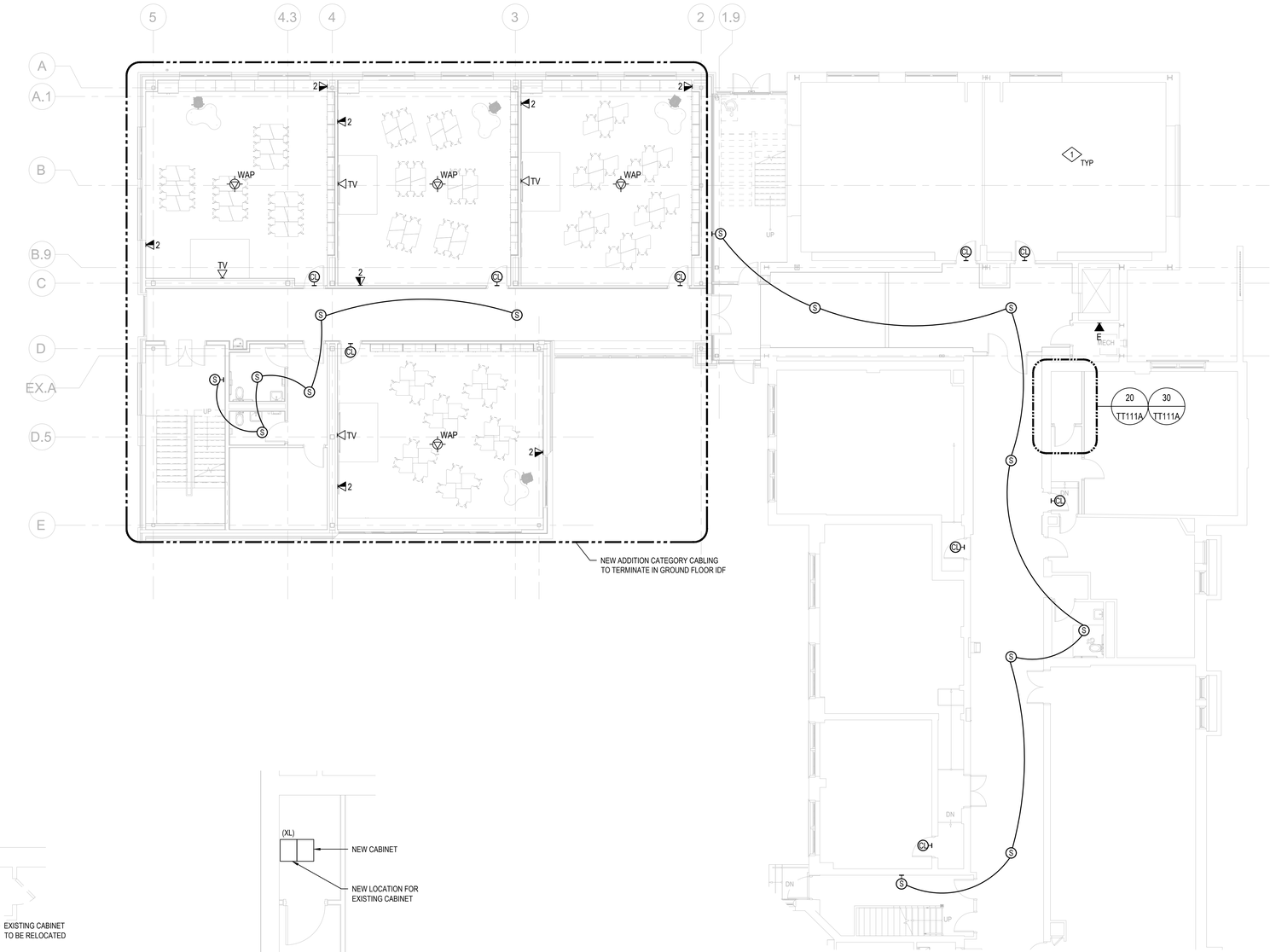

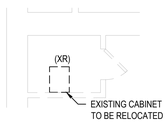

IDF ENLARGED DEMOLITION PLAN 20
1/4" = 1'-0"

IDF ENLARGED CONSTRUCTION PLAN 30
1/4" = 1'-0"

KEY NOTE:

1 TELECOM CABLING IN EXISTING CLASSROOMS SHALL BE EXISTING TO REMAIN. TYPICAL IN ALL EXISTING CLASSROOMS UON.

TELECOM GROUND FLOOR AREA A 10
1/8" = 1'-0"

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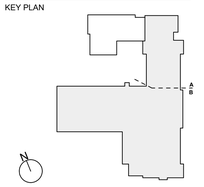

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TELECOM GROUND FLOOR AREA A

TT111A

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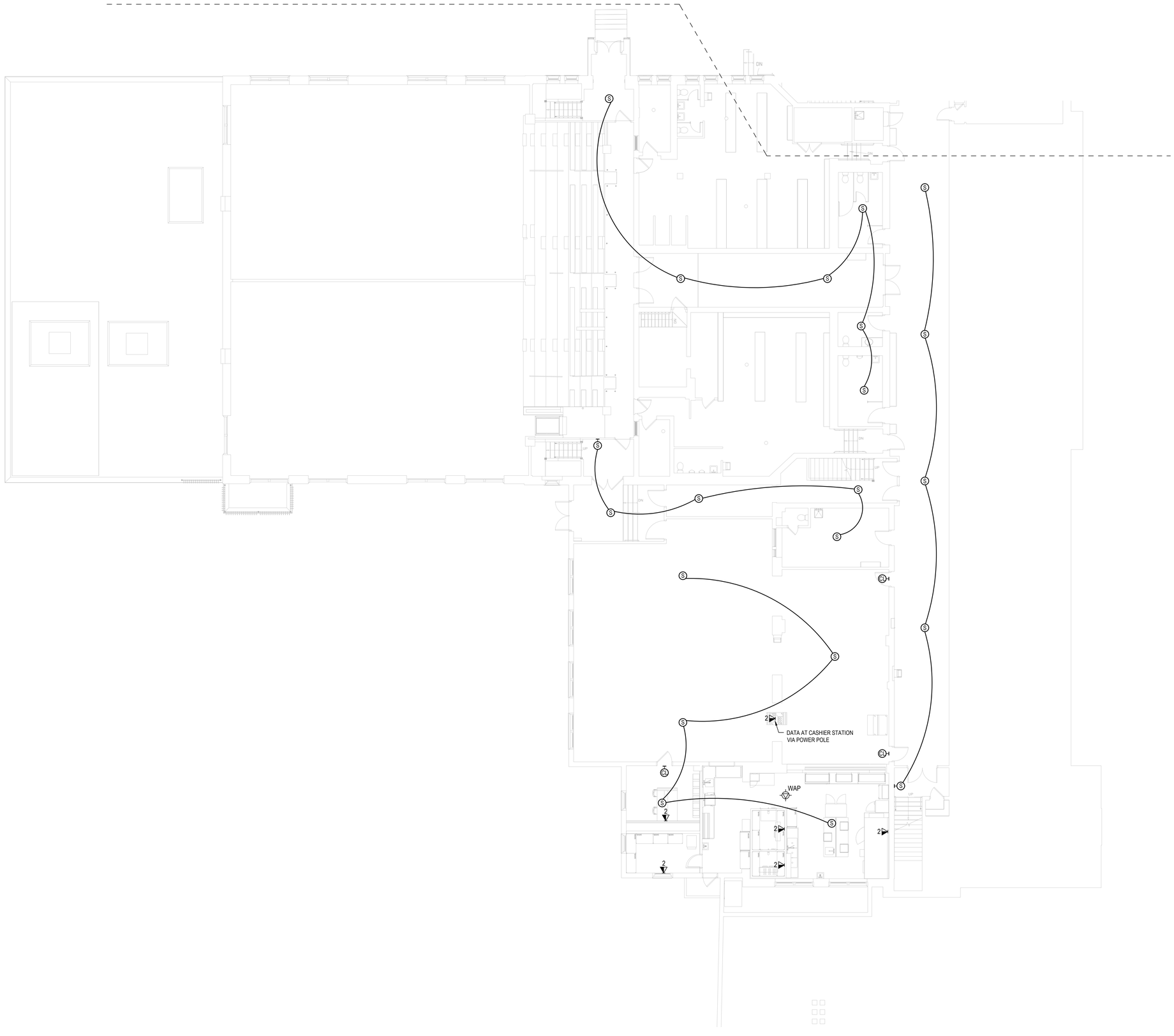

TELECOM GROUND FLOOR AREA B

1/8" = 1'-0"

10

PUBLIC SCHOOLS OF THE TARRYTOWNS

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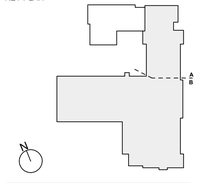

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TELECOM GROUND FLOOR AREA B

TT111B

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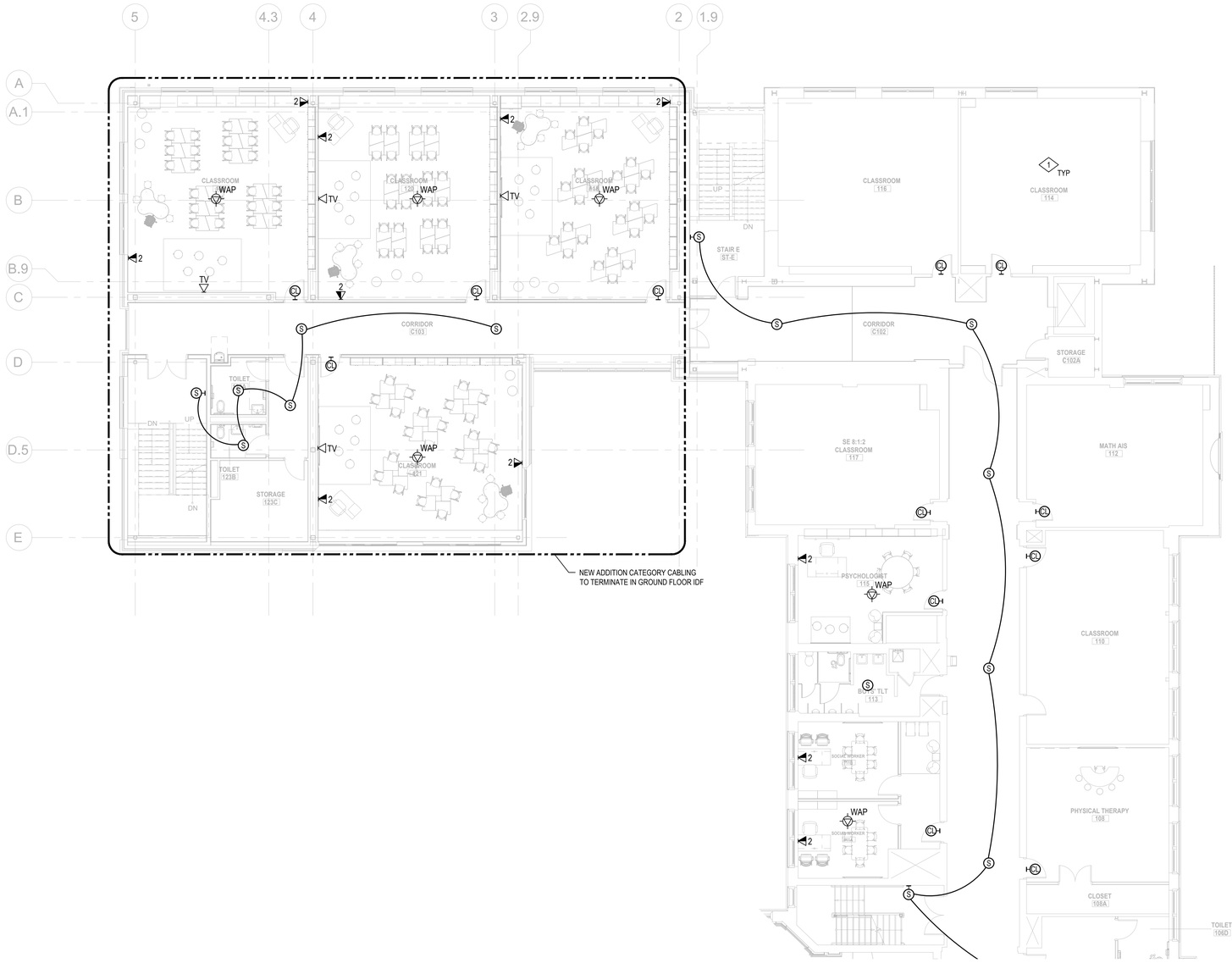

KEY NOTE:

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TELECOM FIRST FLOOR AREA A

1/8" = 1'-0"

10

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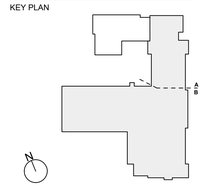
KEY PLAN



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MEMASI PROJECT NO.	101-2403

TELECOM FIRST FLOOR AREA A

TT112A

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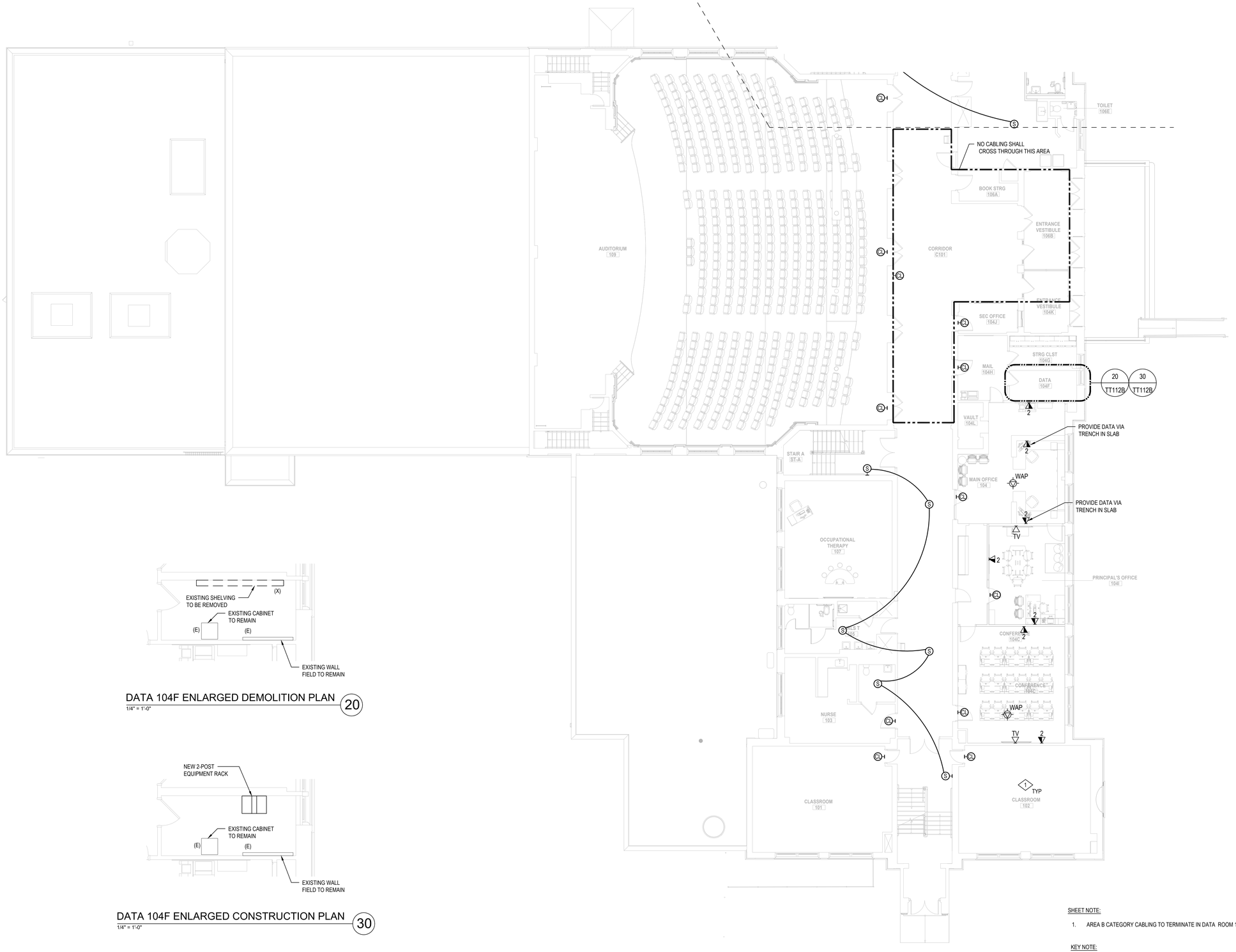

DATA 104F ENLARGED DEMOLITION PLAN 20
1/4" = 1'-0"

DATA 104F ENLARGED CONSTRUCTION PLAN 30
1/4" = 1'-0"

TELECOM FIRST FLOOR AREA B 10
1/8" = 1'-0"

SHEET NOTE:

1. AREA B CATEGORY CABLING TO TERMINATE IN DATA ROOM 104F.

KEY NOTE:

1 TELECOM CABLING IN EXISTING CLASSROOMS SHALL BE EXISTING TO REMAIN. TYPICAL IN ALL EXISTING CLASSROOMS UON.

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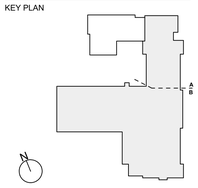

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TELECOM FIRST FLOOR AREA B

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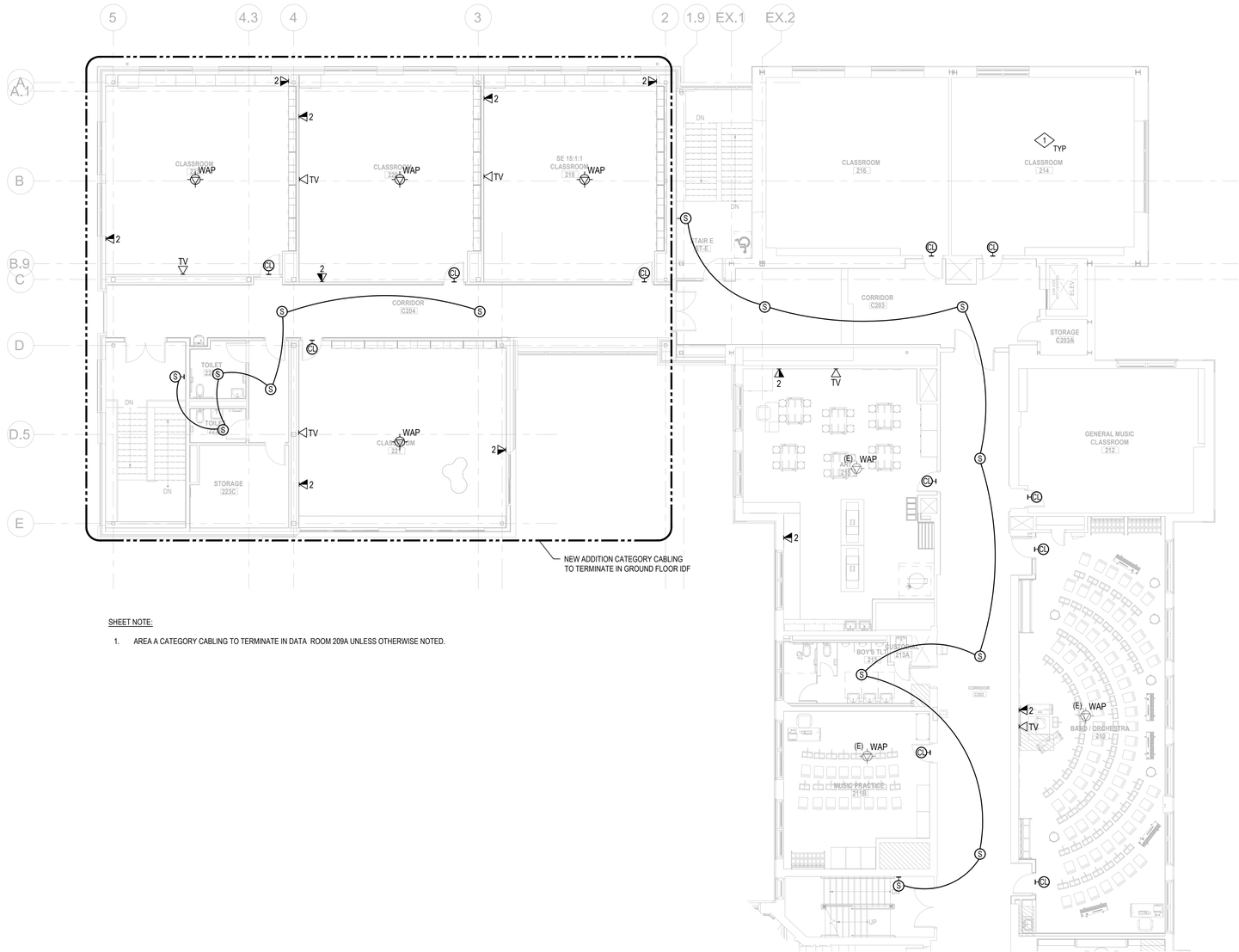

SHEET NOTE:

1. AREA A CATEGORY CABLING TO TERMINATE IN DATA ROOM 209A UNLESS OTHERWISE NOTED.

KEY NOTE:

1. TELECOM CABLING IN EXISTING CLASSROOMS SHALL BE EXISTING TO REMAIN. TYPICAL IN ALL EXISTING CLASSROOMS UON.

TELECOM SECOND FLOOR AREA A
1/8" = 1'-0"

10

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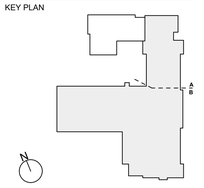
KEY PLAN



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TELECOM SECOND FLOOR AREA A

TT113A

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SHEET NOTE:

1. AREA B CATEGORY CABLING TO TERMINATE IN DATA ROOM 104F.

KEY NOTE:

1 TELECOM CABLING IN EXISTING CLASSROOMS SHALL BE EXISTING TO REMAIN. TYPICAL IN ALL EXISTING CLASSROOMS UON.

TELECOM SECOND FLOOR AREA B

1/8" = 1'-0"

10

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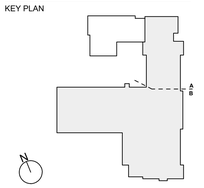

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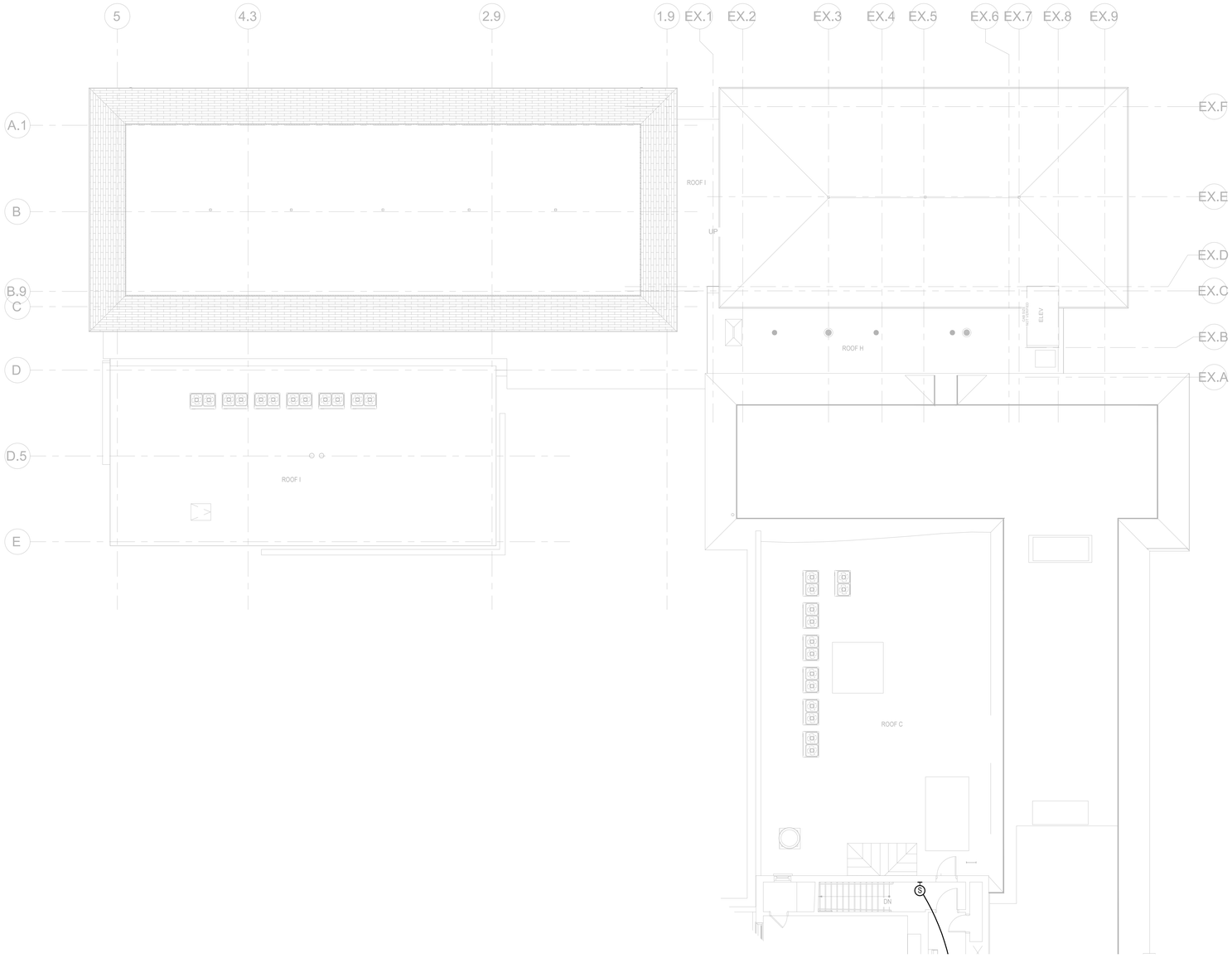

TELECOM THIRD FLOOR AREA A

1/8" = 1'-0"

10

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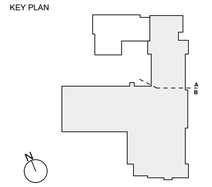

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TELECOM THIRD FLOOR AREA A

TT114A

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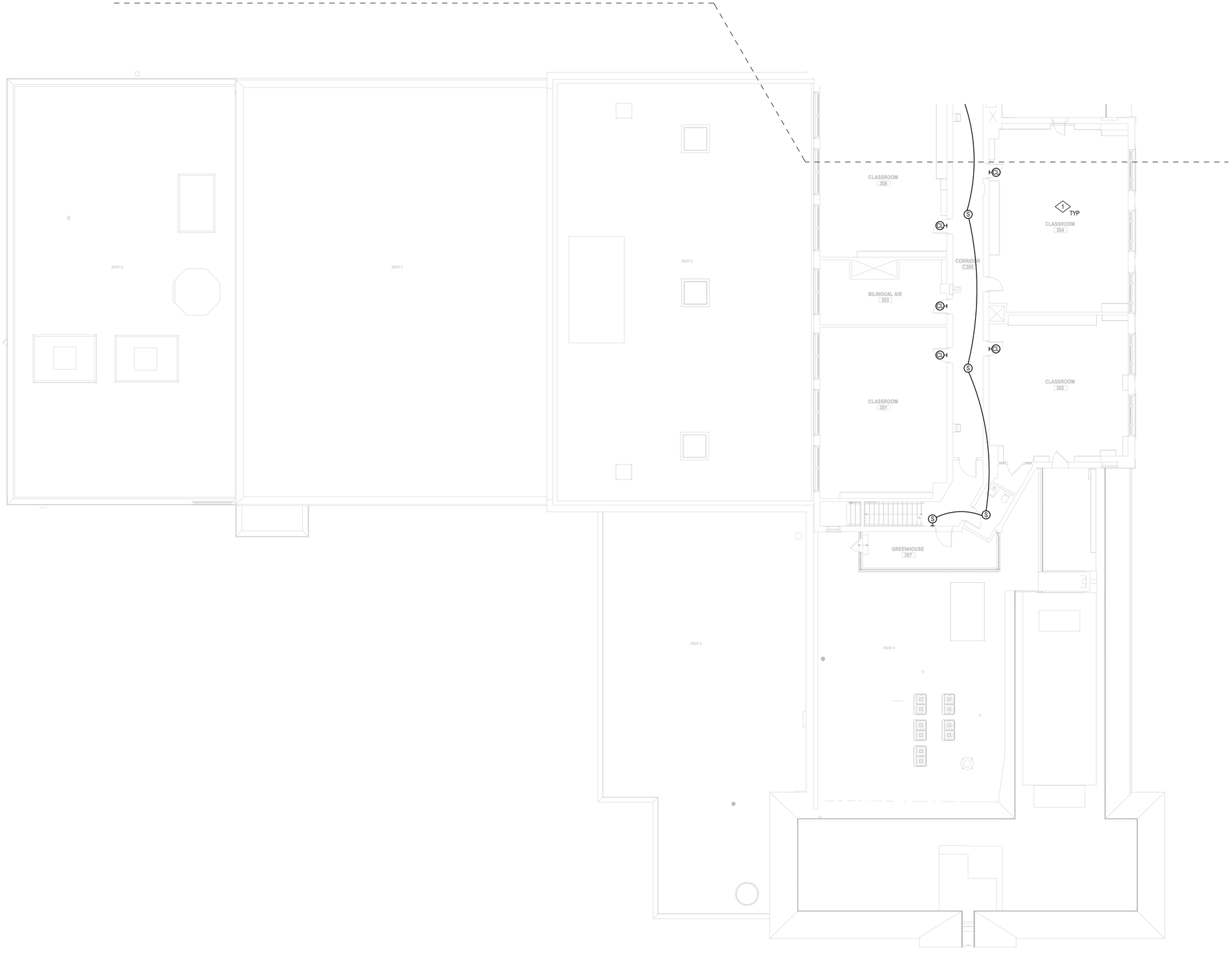

KEY NOTE:

1 TELECOM CABLING IN EXISTING CLASSROOMS SHALL BE EXISTING TO REMAIN. TYPICAL IN ALL EXISTING CLASSROOMS UON.

TELECOM THIRD FLOOR AREA B

1/8" = 1'-0"

10

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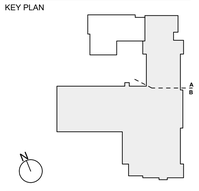

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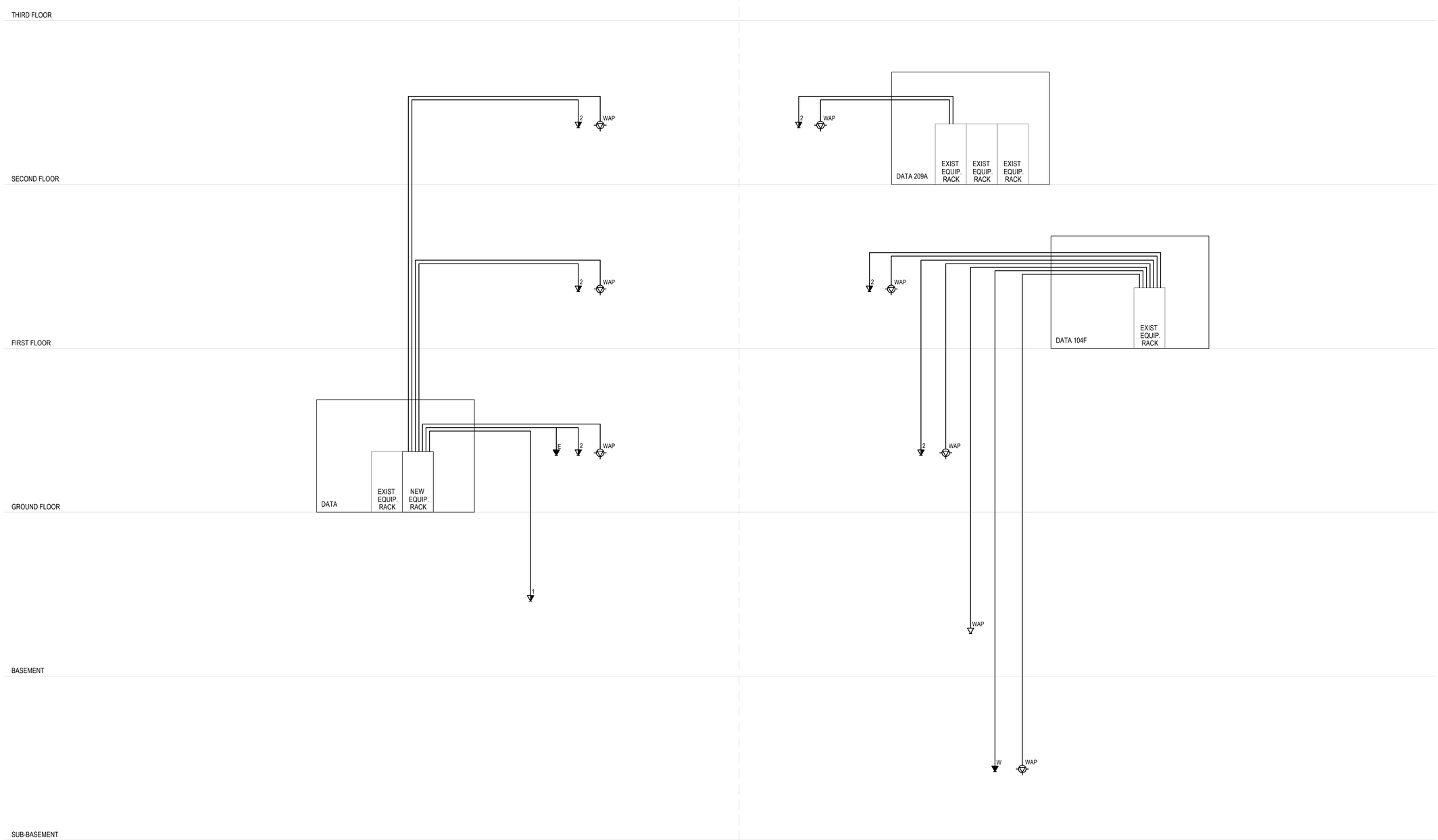

1 TELECOM RISER DIAGRAM
NTS

SHEET NOTE:

1. REFER TO FLOOR PLANS FOR QUANTITY OF OUTLET TYPES.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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TELECOM RISER DIAGRAM

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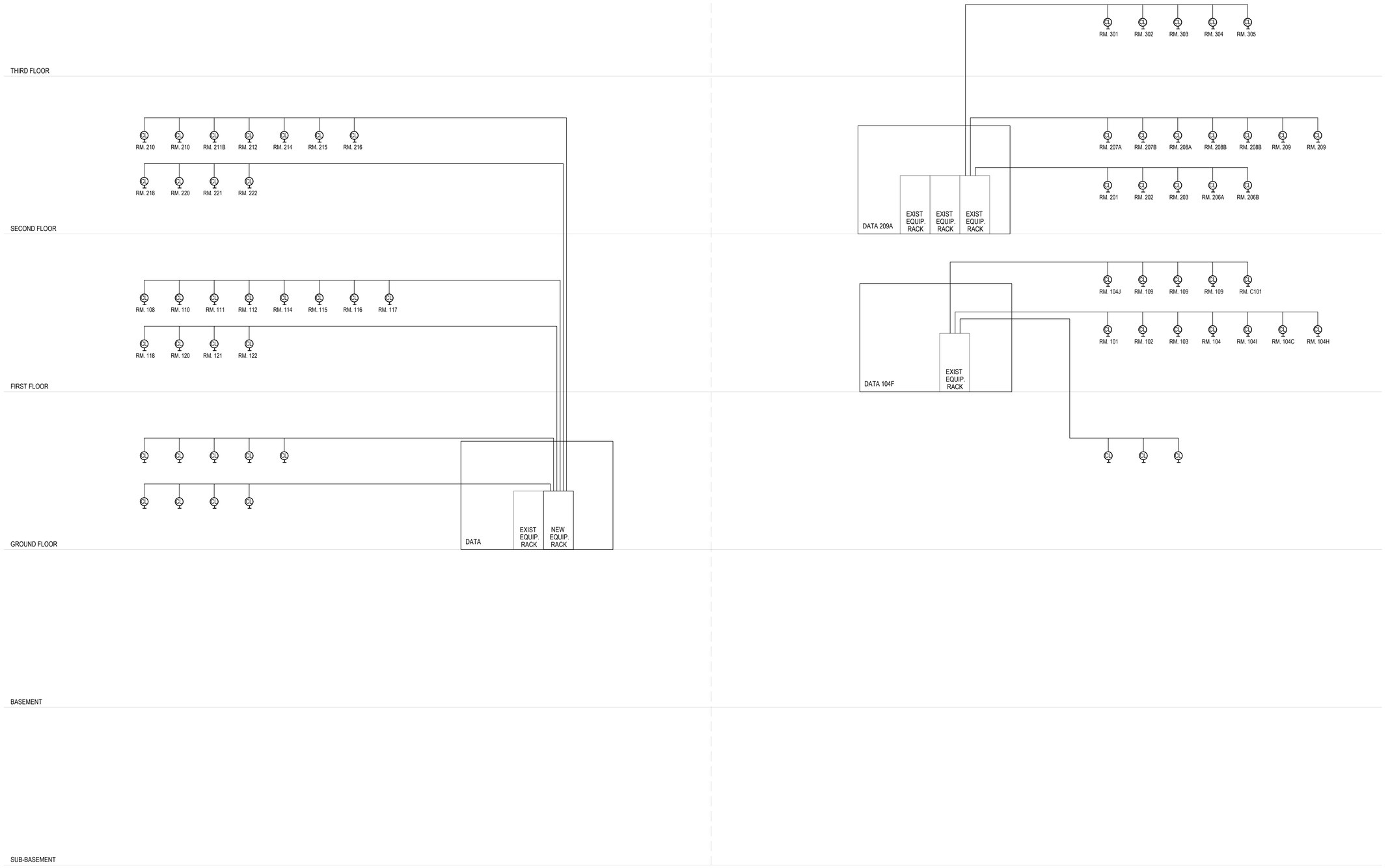

1 IP-PA SPEAKER RISER DIAGRAM
NTS

IP CLOCK/SPEAKER LEGEND

CL WALL MOUNTED IP CLOCK/SPEAKER
(1) CATEGORY 6A CABLE TO NETWORK RACK

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2024 CAPITAL BOND PROJECT - PHASE 2

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TELECOM IP-PA SPEAKER RISER DIAGRAM

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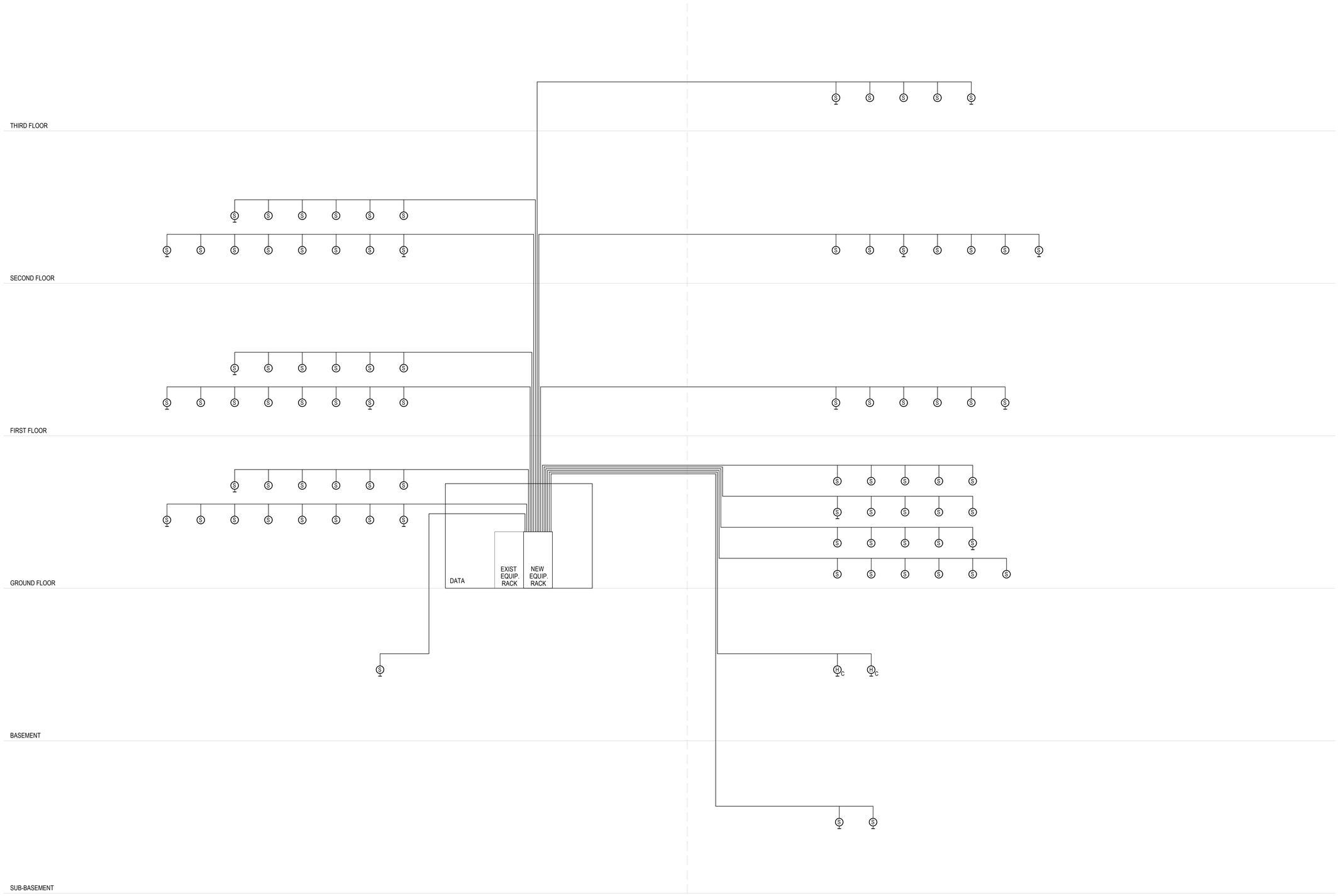

1 ANALOG PA SPEAKER RISER DIAGRAM
NTS

SPEAKER LEGEND

(S) CEILING MOUNTED ANALOG SPEAKER (COMMON AREAS)
(1) 16/2 SHIELDED TO NETWORK RACK

(H)C WALL MOUNTED ANALOG HORN SPEAKER WITH CAGE
(1) 16/2 SHIELDED TO NETWORK RACK

PUBLIC SCHOOLS OF THE TARRYTOWNS

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TELECOM IP-PA SPEAKER RISER DIAGRAM

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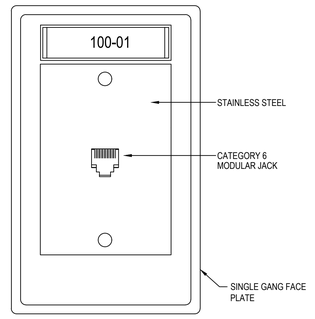
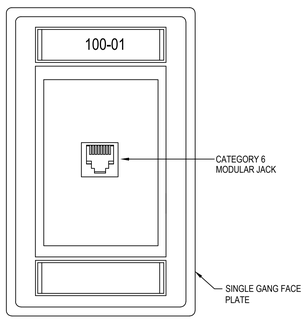


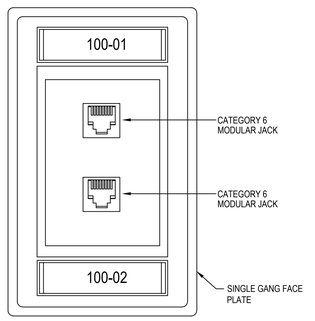
W

1 TELECOMMUNICATIONS WALL PHONE OUTLET — NO SCALE



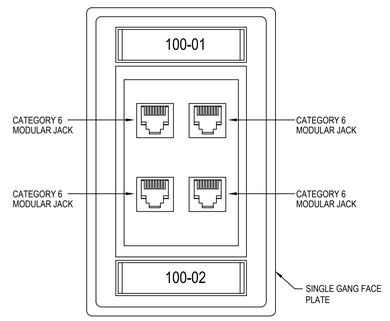
1

2 TELECOMMUNICATIONS 1-PORT OUTLET — NO SCALE



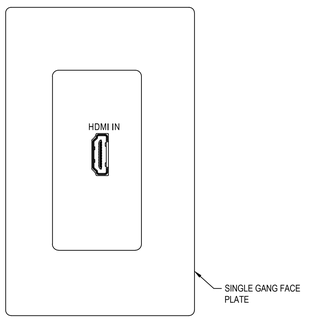
2

3 TELECOMMUNICATIONS 2-PORT OUTLET — NO SCALE



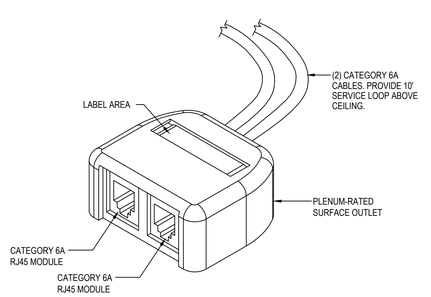
4

4 TELECOMMUNICATIONS 4-PORT OUTLET — NO SCALE



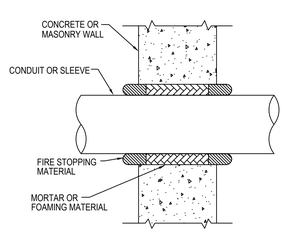
TV

5 TELECOMMUNICATIONS TV OUTLET — NO SCALE



WAP

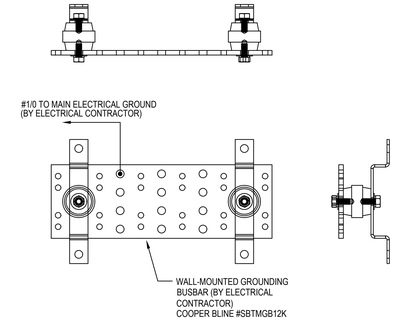
6 TECHNOLOGY 2-PORT SURFACE MOUNT OUTLET — NO SCALE



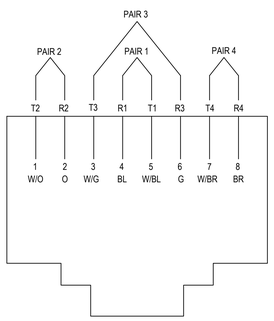
NOTES:

1. INSTALL FIRE STOPPING MATERIAL IN ACCORDANCE WITH MANUFACTURER TESTED METHODS.
2. INSTALL FIRE STOPPING MATERIAL INSIDE SLEEVES AFTER CABLE INSTALLATION IS COMPLETE.
3. ALWAYS RESTORE THE FIRE-RATING OF THE WALL TO IT'S INTENDED DESIGN.

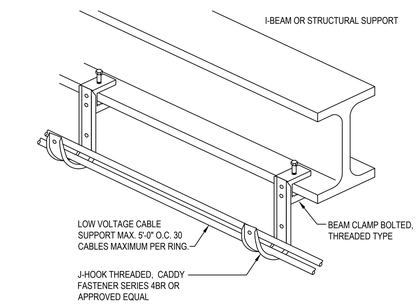
7 FIRESTOPPING DETAIL — NO SCALE



8 GROUNDING BAR DETAIL — NO SCALE



9 568B WIRING SCHEME — NO SCALE



NOTES:

1. SUPPORTING CABLE IS ACCEPTABLE BELOW SUPPORT STEEL OR ABOVE STEEL. COORDINATE MOUNTING LOCATIONS WITH OTHER TRADES AND FIELD CONDITIONS. PROVIDE SUPPORT CLIPS AND THREADED RODS AS REQUIRED FOR A COMPLETE SUPPORT SYSTEM AS INDICATED.
2. SUPPORT CABLE EITHER PARALLEL OR PERPENDICULAR TO SUPPORT STEEL.

10 TYPICAL CABLE SUPPORT DETAIL — NO SCALE

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PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

TELECOM DETAILS

TT301

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SECURITY LEGEND AND ABBREVIATIONS

ABBREVIATIONS

℄	CENTERLINE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
ATR	ALL THREADED ROD
AWG	AMERICAN WIRE GAUGE
BFBI	BUILDER FURNISHED - BUILDER INSTALLED
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CFD	CEMENT-FIBER DUCT
CL	CLOSET
CLG	CEILING
COAX	COAXIAL CABLE
CT	CABLE TRAY
CTR	CENTER
DIA	DIAMETER
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATOR
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EQPT	EQUIPMENT
FBO	FURNISHED BY OTHERS
FC	FINISHED CEILING
FCC	FIRE CONTROL CENTER
FR	FIRE RATED
FRP	FIBERGLASS REINFORCED PLASTIC
GFGI	GOVERNMENT FURNISHED - GOVERNMENT INSTALLED
GC	GENERAL CONTRACTOR
GND	GROUND
HVAC	HEATING VENTILATION & AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT - SEE NEC ARTICLE 342
JB	JUNCTION BOX
LAN	LOCAL AREA NETWORK
LEC	LOCAL EXCHANGE CARRIER
MDF	MAIN DISTRIBUTION FRAME
MM	MULTI-MODE (OPTICAL FIBER)
MTD	MOUNTED
MTG	MOUNTING
NEC	NATIONAL ELECTRICAL CODE - NFPA 70
NESC	NATIONAL ELECTRICAL SAFETY CODE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OSP	OUTSIDE PANT
PNL	PANEL
PR	PAIRS-NUMBER OF PAIRS IN COPPER CABLE
PVC	POLYVINYL CHLORIDE
RM	ROOM
RMC	RIGID METAL CONDUIT - SEE NEC ARTICLE 344
RU	RACK UNIT; UNIT OF PATCH PANEL HEIGHT EQUAL TO 1.75 INCH
SCC	SECURITY CONTROL CENTER
SDF	SECURITY DISTRIBUTION FRAME
SM	SINGLE-MODE (OPTICAL FIBER)
STP	SHIELDED TWISTED PAIR
TBD	TO BE DETERMINED
TC	TELECOMMUNICATIONS CONTRACTOR
TEL	TELECOMMUNICATION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
WP	WEATHERPROOF

SYMBOLS LEGEND

RACEWAY LEGEND	
T ——— T	TELECOMMUNICATIONS CONDUIT
UT ——— UT	CONDUITS BELOW GRADE/SLAB OR EMBEDDED IN SLAB
J ——— J	CABLES ON J-HOOKS
	CONDUIT UP
	CONDUIT DOWN
	CONDUIT STUBBED OUT WITH BUSHING
	CONDUIT CROSS-SECTION
——— CT ———	TELECOMMUNICATIONS CABLE TRAY
	TELECOMMUNICATIONS CABLE TRAY
P / B	PULL-BOX
M / H	MANHOLE
	WALL MOUNTED JUNCTION BOX

MISCELLANEOUS SYMBOL LEGEND

#	SHEET KEYNOTE
#	REVISION NUMBER
1 / T2.1	CALLOUT — CALLOUT NUMBER / SHEET NUMBER
1 / T2.1	SECTION — SECTION NUMBER / SHEET NUMBER

SECURITY LEGEND

	FIXED SECURITY CAMERA
EXT	EXTERIOR FIXED SECURITY CAMERA
FE	FISHEYE SECURITY CAMERA
360	360° SECURITY CAMERA
EXT 360	EXTERIOR 360° SECURITY CAMERA
E	ELEVATOR SECURITY CAMERA
BP	EMERGENCY BLUE PHONE
DC	MAGNETIC DOOR CONTACT
RE	REQUEST-TO-EXIT DEVICE
DR	DOOR RELEASE BUTTON
PB	PANIC BUTTON
CR	PROXIMITY CARD READER
CRM	MULLION MOUNTED CARD READER
CRK	PROXIMITY CARD READER WITH KEYPAD
EL	ELECTRIC MORTISE LOCK
MS	MOTION SENSOR
IC	VIDEO INTERCOM STATION
ICMS	INTERCOM MASTER STATION
MON	42" 4K FLAT PANEL DISPLAY (1) CATEGORY 6A 4-PAIR UTP CABLE TO WORKSTATION PROVIDE HDMI TRANSMITTER (TX) AND RECEIVER (RX)

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR THOROUGHLY EXAMINING ALL EXISTING CONDITIONS AND LOCATING ALL EXISTING EQUIPMENT AND INFRASTRUCTURE THAT MAY BE AFFECTED BY THE PROJECT PRIOR TO THE START OF ANY WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DOCUMENTS MUST BE REPORTED BACK TO THE ARCHITECT AND DESIGN CONSULTANT PRIOR TO THE START OF ANY WORK.
2. PRIOR TO CONCURRENT WORK BY OWNER OR OTHERS: CONTRACTOR TO FURNISH AND INSTALL ALL WORK ASSOCIATED WITH SECURITY, INCLUDING BUT NOT LIMITED TO CAMERAS, CONDUIT, WIRING AND BACKBOXES, PROXIMITY CARD READERS, INTRUSION DEVICES, INTERCOMS. CONTRACTOR TO FURNISH AND INSTALL ANY NEW SECURITY PANELS REQUIRED. REFER TO RESPONSIBILITY MATRIX FOR ADDITIONAL INFORMATION.
3. LOCATION OF ALL SECURITY DEVICES AND OTHER SECURITY COMPONENTS ARE APPROXIMATE AND SUBJECT TO CHANGE. SEE ARCHITECTURAL DRAWINGS FOR EXACT DETAILS.
4. PROVIDE FIRE STOPPING FOR ALL SLEEVE, CONDUIT AND CABLE TRAY PENETRATIONS THROUGH RATED PARTITIONS OR FLOORS IN ACCORDANCE WITH THE CODE AND SPECIFICATIONS.
5. ALL WALL MOUNTED DEVICES TO BE WIRED VIA 1" CONDUIT (PROVIDED UNDER ELECTRICAL CONTRACT) WITHIN WALL TO THE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE SPECIFIED.
6. ANY ELECTRICAL AND MECHANICAL DEVICES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE PURPOSES ONLY UNLESS OTHERWISE SPECIFIED. SEE MEP DRAWINGS FOR DETAILS AND LOCATION OF ALL SUCH EQUIPMENT.
7. GROUND ALL EQUIPMENT RACKS, FRAMES, CABLE TRAYS, CABLE LADDERS AND OTHER PERMANENT SUPPORTS WITH #6 AWG (MIN), STRANDED, GREEN, INSULATED, COPPER WIRE AND SCREW COMPRESSION LUGS.
8. LABEL ALL CLOSETS, RACKS, CABINETS, CABLES, CABLE SUPPORTS, ETC. IN ACCORDANCE WITH ANSI/TIA/EIA-606-A.
9. ALL SECURITY DEVICES ARE TO BE U.L. LISTED. CABLES FOR DEVICES ARE TO BE WIRED TO THE SAME CLOSET THAT SERVES THE REST OF THE FLOOR.

DOOR WIRING NOTES

1. NO CABLES ARE TO BE INSTALLED EXPOSED. ALL CABLES ARE TO BE CONCEALED IN CONDUIT. ALL CONDUIT ARE TO BE FINISHED AND TERMINATED IN JUNCTION BOXES AND/OR DEVICE BOXES, UON.
2. ALL JUNCTION BOXES ARE TO BE PLACED ON SECURE SIDE OF DOORS.
3. CONTRACTOR TO PROVIDE ALL CABLING AND COORDINATION WITH ELECTRICAL CONTRACTOR FOR PROPER CONDUIT INSTALLATION.
4. DOOR WIRING DETAILS ARE DIAGRAMMATIC ONLY. EXACT LOCATION OF SECURITY DEVICES MAY DIFFER.
5. COORDINATE ALL CONNECTIONS AT ENTRY AND EGRESS SIDE OF DOORS WITH EC, GC AND HARDWARE CONTRACTOR.

LEGEND NOTES

THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT.

EXISTING EQUIPMENT

(E)	EXISTING DEVICE TO REMAIN
(X)	EXISTING DEVICE TO BE REMOVED
(XR)	EXISTING DEVICE TO BE REMOVED AND RELOCATED
(XL)	NEW LOCATION OF EXISTING RELOCATED DEVICE

DEMOLITION NOTES

1. GENERAL DEMOLITION WORK SHALL BE DONE BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE INDICATED. COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES REMAINING IN THE BUILDING.
2. CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND INFRASTRUCTURE ASSOCIATED WITH THE SECURITY SYSTEMS.
3. WHERE EXISTING OUTLETS ARE NOT TO BE REUSED, THEY SHALL BE REMOVED AND THE CABLING PULLED BACK TO ITS SOURCE AS REQUIRED BY JOB CONDITIONS.
4. REMOVE EXPOSED OR ACCESSIBLE CABLING TO EQUIPMENT OR OUTLETS TO BE REMOVED OR RELOCATED, UNLESS OTHERWISE INDICATED.
5. CABLING INDICATED TO BE REMOVED SHALL BE REMOVED BACK TO ITS SOURCE. CONDUIT OVER UNDISTURBED CEILINGS SHALL REMAIN AND BE LABELED ABANDONED ON EACH END.
6. CONTRACTOR TO VERIFY THE INTEGRITY AND CONDITION OF THE EXISTING CABLING WHICH IS TO BE REUSED. CABLING FOUND TO BE NON-FUNCTIONAL SHALL BE REPLACED.
7. COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING. COORDINATE REQUIRED INTERRUPTIONS AND PERFORM AT TIME CONVENIENT TO OWNER.
8. WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.
9. PRIOR TO COMMENCING WORK OF THIS SECTION, EXAMINE THE SITE AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED. DETERMINE EXACT LOCATIONS OF EXISTING ITEMS. REPORT TO ENGINEER ANY CONDITIONS THAT MIGHT ADVERSELY AFFECT WORK. COMMENCEMENT OF WORK WILL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
10. TONE, TAG AND IDENTIFY ALL WIRING BEFORE DEMOLITION.

DRAWING LIST

TY001	SECURITY LEGEND AND ABBREVIATIONS
TY002	SECURITY SITE PLAN
TY110AB	SECURITY BASEMENT AREAS A AND B
TY111A	SECURITY GROUND FLOOR AREA A
TY111B	SECURITY GROUND FLOOR AREA B
TY112A	SECURITY FIRST FLOOR AREA A
TY112B	SECURITY FIRST FLOOR AREA B
TY113A	SECURITY SECOND FLOOR AREA A
TY113B	SECURITY SECOND FLOOR AREA B
TY114A	SECURITY THIRD FLOOR AREA A
TY114B	SECURITY THIRD FLOOR AREA B
TY201	SECURITY RISER DIAGRAM
TY301	SECURITY DETAILS
TY401	SECURITY CAMERA SCHEDULE

SECURITY SYSTEMS SCOPE OF WORK	ELECTRICAL CONTRACTOR	DISTRICT SECURITY VENDOR
MOVE EXISTING ACCESS CONTROL PANEL TO NEW IDF		X
MOVE EXISTING AND INSTALL NEW INTERIOR/EXTERIOR CARD READERS		X
INSTALL ACCESS CONTROL CABLING FROM CARD READERS TO ACP IN IDF	X	
INTERCOM		
ACCESS CONTROL SYSTEM PROGRAMMING		X
INSTALL NEW VIDEO SURVEILLANCE PATCH PANEL IN NEW IDF	X	
VIDEO SURVEILLANCE CAMERAS		X
VIDEO SURVEILLANCE CABLING TO NEW IDF	X	
VIDEO SURVEILLANCE CABLING TERMINATIONS IN NEW IDF		X
VIDEO SURVEILLANCE SYSTEM PROGRAMMING		X
MOVE EXISTING INTRUSION DETECTION MAIN PANEL TO NEW IDF		X
INSTALL NEW INTRUSION DETECTION MOTION SENSORS		X
INTRUSION DETECTION CABLING FROM MOTION SENSORS TO NEW IDF	X	
INTRUSION DETECTION CABLING TERMINATIONS IN MDF/IDF		X
INTRUSION DETECTION SYSTEM PROGRAMMING		X
INSTALL POWER/DATA TO ALL SECURITY PANELS	X	

PUBLIC SCHOOLS OF THE TARRYTOWNS

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KEY PLAN

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SECURITY LEGEND AND ABBREVIATIONS

TY001

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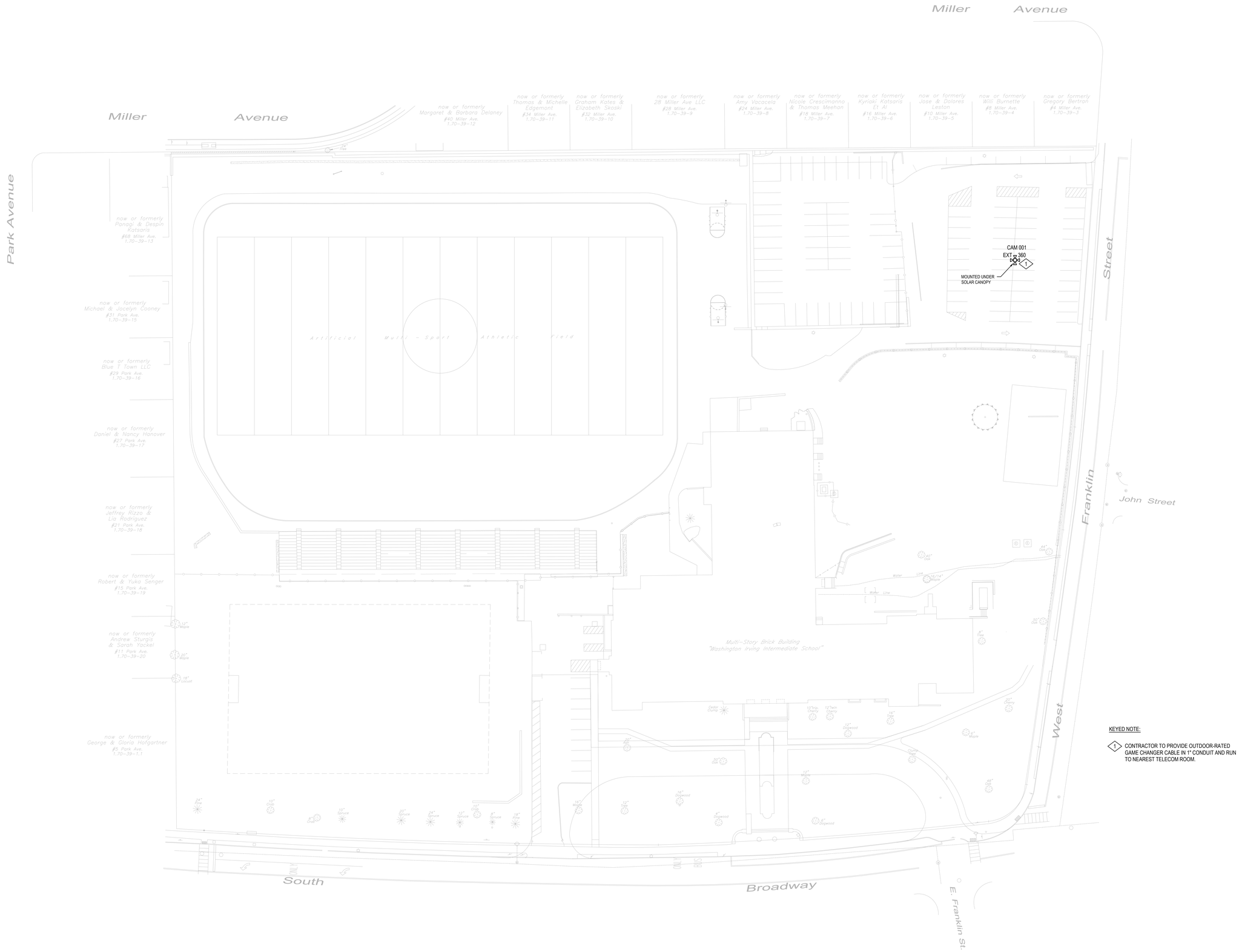
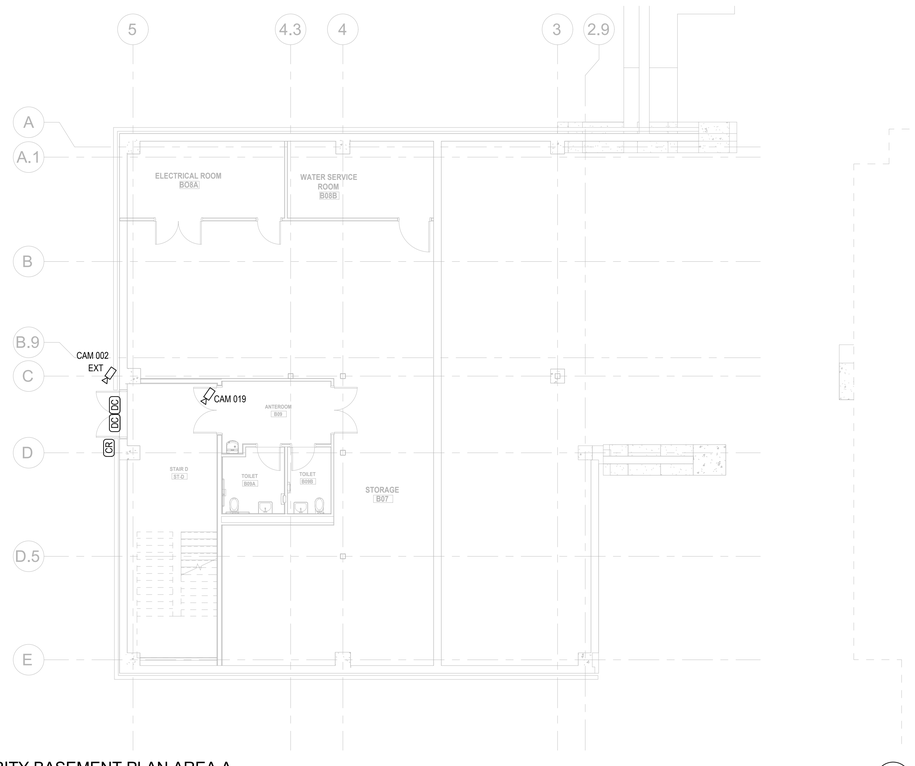
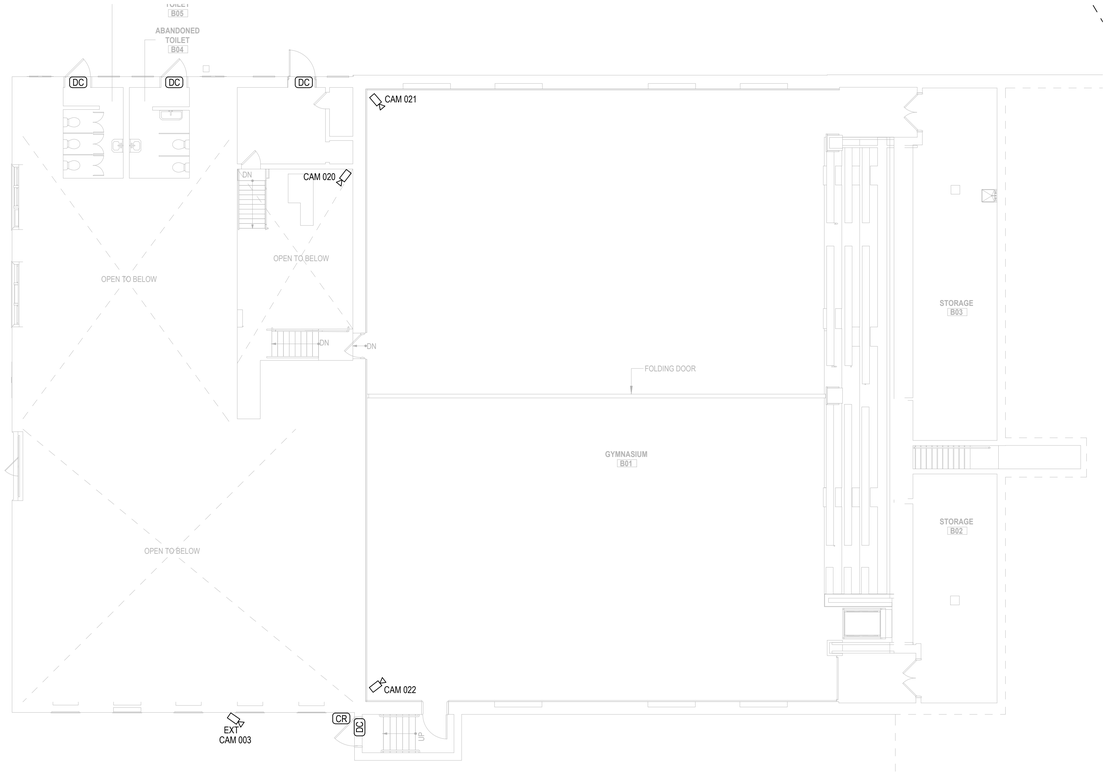

Miller Avenue
Park Avenue
Miller Avenue
now or formerly Margaret & Barbara Delaney #40 Miller Ave. 1.70-39-12
now or formerly Thomas & Michelle Edgemont #34 Miller Ave. 1.70-39-11
now or formerly Graham Kates & Elizabeth Skoski #32 Miller Ave. 1.70-39-10
now or formerly 28 Miller Ave LLC #28 Miller Ave. 1.70-39-9
now or formerly Amy Vacacela #24 Miller Ave. 1.70-39-8
now or formerly Nicole Crescimanno & Thomas Meehan #18 Miller Ave. 1.70-39-7
now or formerly Kyriaki Katsaris Et Al #16 Miller Ave. 1.70-39-6
now or formerly Jose & Dolores Leston #10 Miller Ave. 1.70-39-5
now or formerly Will Burnette #8 Miller Ave. 1.70-39-4
now or formerly Gregory Bertran #4 Miller Ave. 1.70-39-3
now or formerly Panagi & Despin Katsaris #68 Miller Ave. 1.70-39-13
now or formerly Michael & Jocelyn Cooney #31 Park Ave. 1.70-39-15
now or formerly Blue T Town LLC #29 Park Ave. 1.70-39-16
now or formerly Daniel & Nancy Hanover #27 Park Ave. 1.70-39-17
now or formerly Jeffrey Rizzo & Lia Rodriguez #21 Park Ave. 1.70-39-18
now or formerly Robert & Yuka Senger #15 Park Ave. 1.70-39-19
now or formerly Andrew Sturgis & Sarah Yackel #11 Park Ave. 1.70-39-20
now or formerly George & Gloria Hofgartner #5 Park Ave. 1.70-39-1.1
Artificial Multi - Sport Athletic Field
CAM 001
EXT 360
MOUNTED UNDER SOLAR CANOPY
1
Multi-Story Brick Building "Washington Irving Intermediate School"
Water Line
Water
Gate
Gate
Curb Cut
Curb Cut
Curb Cut



SECURITY BASEMENT PLAN AREA A

1/8" = 1'-0"

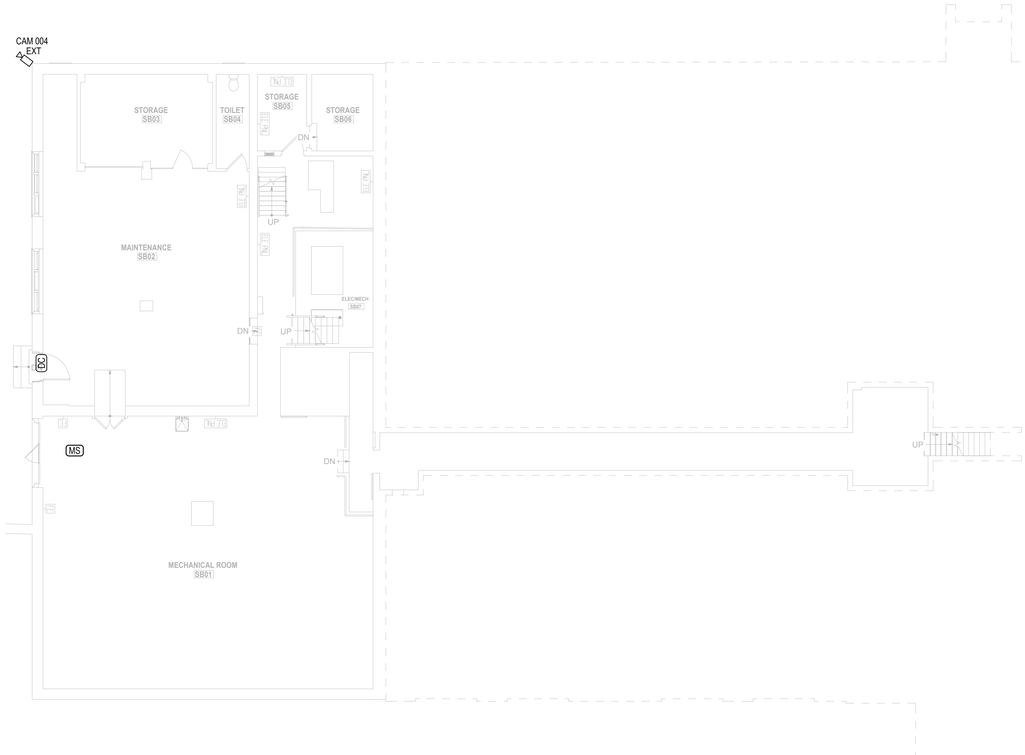
20



SECURITY BASEMENT PLAN AREA B

1/8" = 1'-0"

21



SECURITY SUB-BASEMENT PLAN AREA B

1/8" = 1'-0"

10

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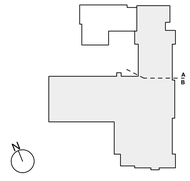

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SECURITY BASEMENT AREAS A AND B

TY110AB

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SECURITY GROUND FLOOR AREA A

1/8" = 1'-0"

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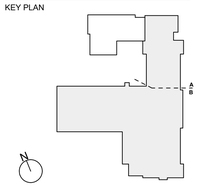

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SECURITY GROUND FLOOR AREA A

TY111A

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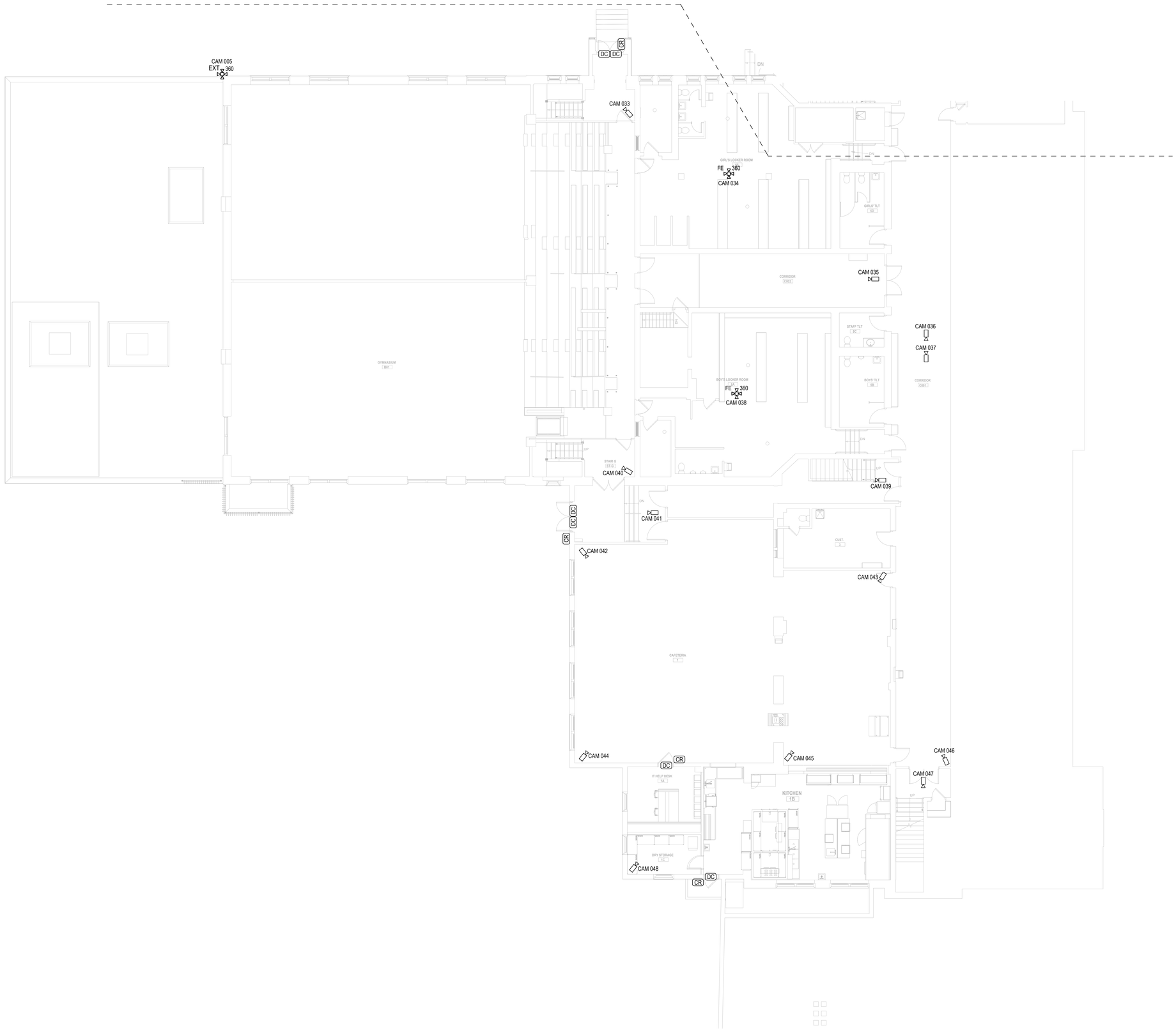

SECURITY GROUND FLOOR AREA B

1/8" = 1'-0"

10

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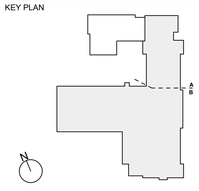

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SECURITY GROUND FLOOR AREA B

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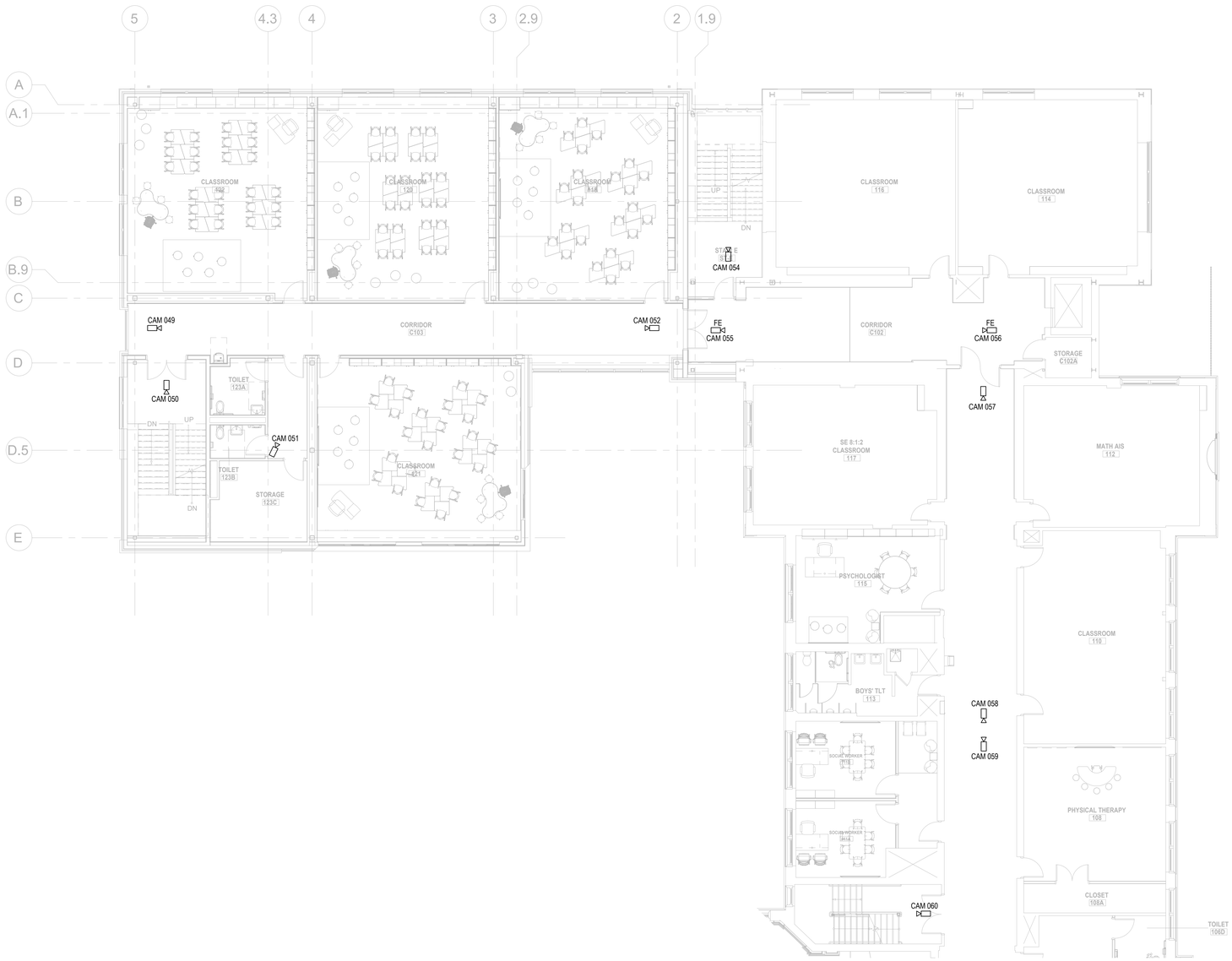

SECURITY FIRST FLOOR AREA A

1/8" = 1'-0"

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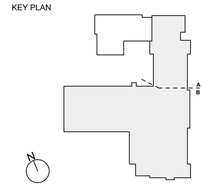

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SECURITY FIRST FLOOR AREA A

TY112A

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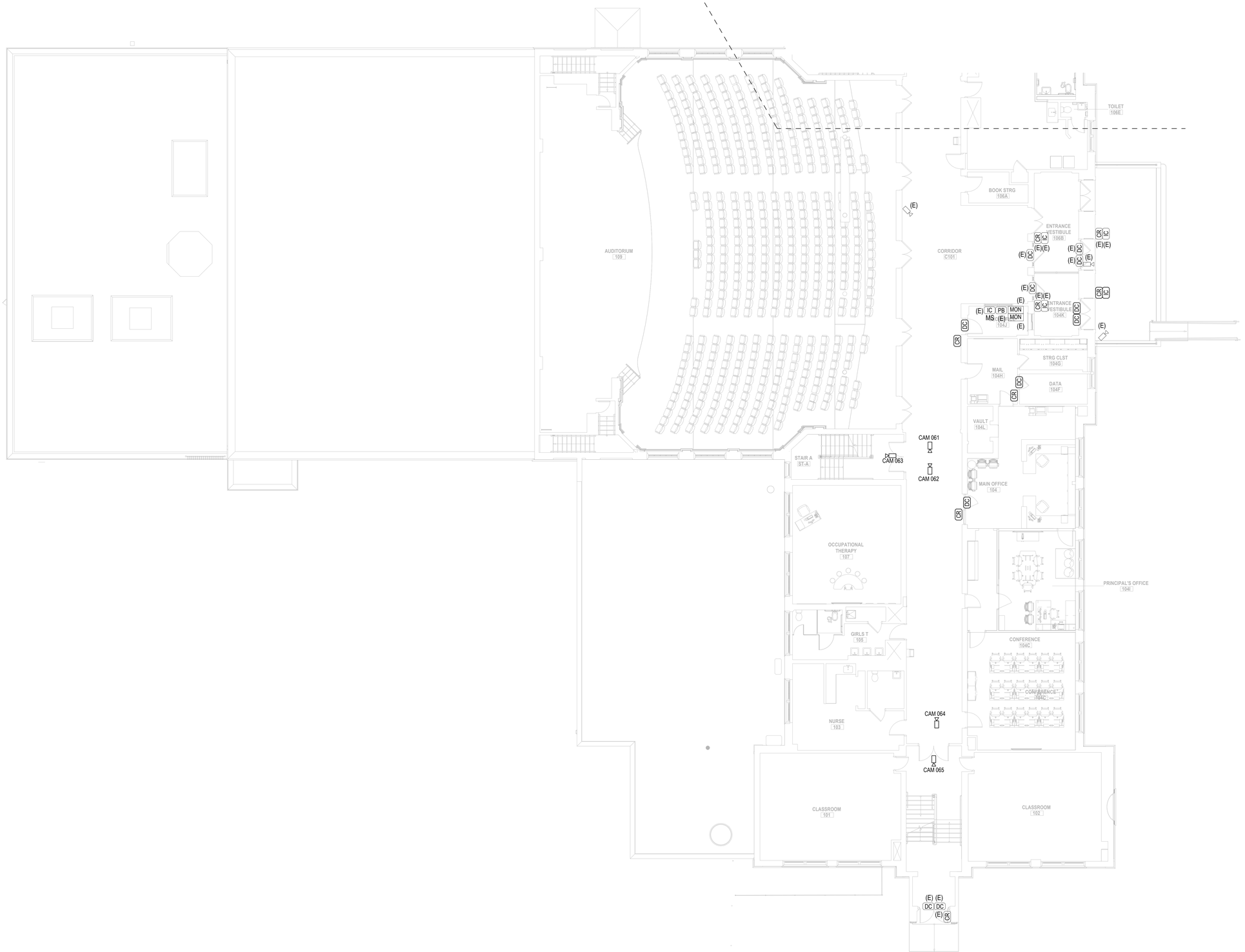

SECURITY FIRST FLOOR AREA B

1/8" = 1'-0"

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PUBLIC SCHOOLS OF THE TARRYTOWNS

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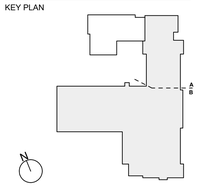

PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SECURITY FIRST FLOOR AREA B

TY112B

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SECURITY SECOND FLOOR AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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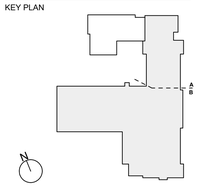
SARATOGA SPRINGS, NY 12866

SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/26

KEY PLAN



PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SECURITY SECOND FLOOR AREA A

TY113A

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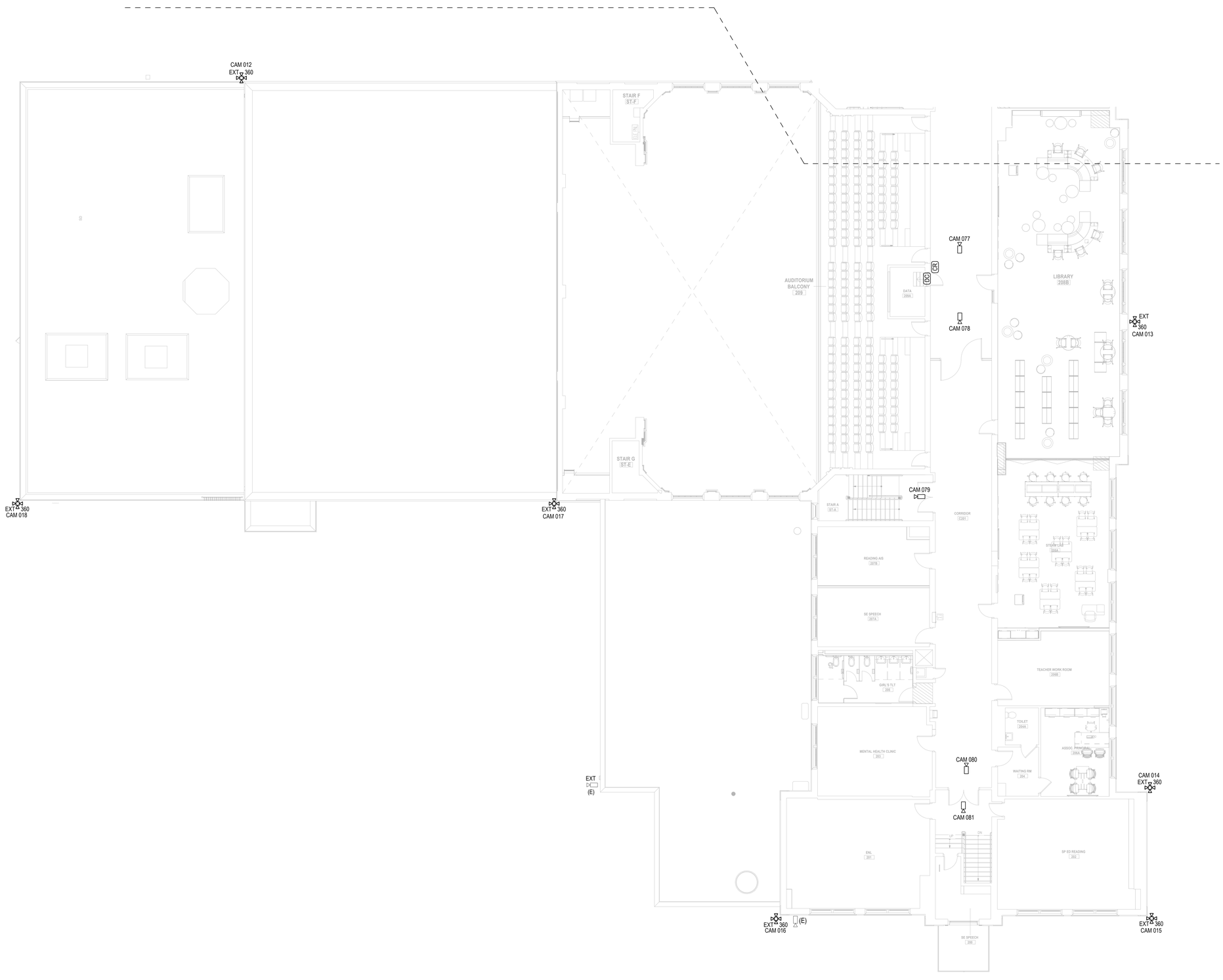

SECURITY SECOND FLOOR AREA B

1/8" = 1'-0"

10

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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ISSUED FOR BID	03/27/26
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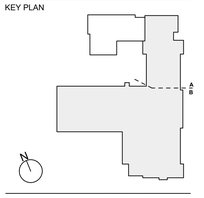
KEY PLAN



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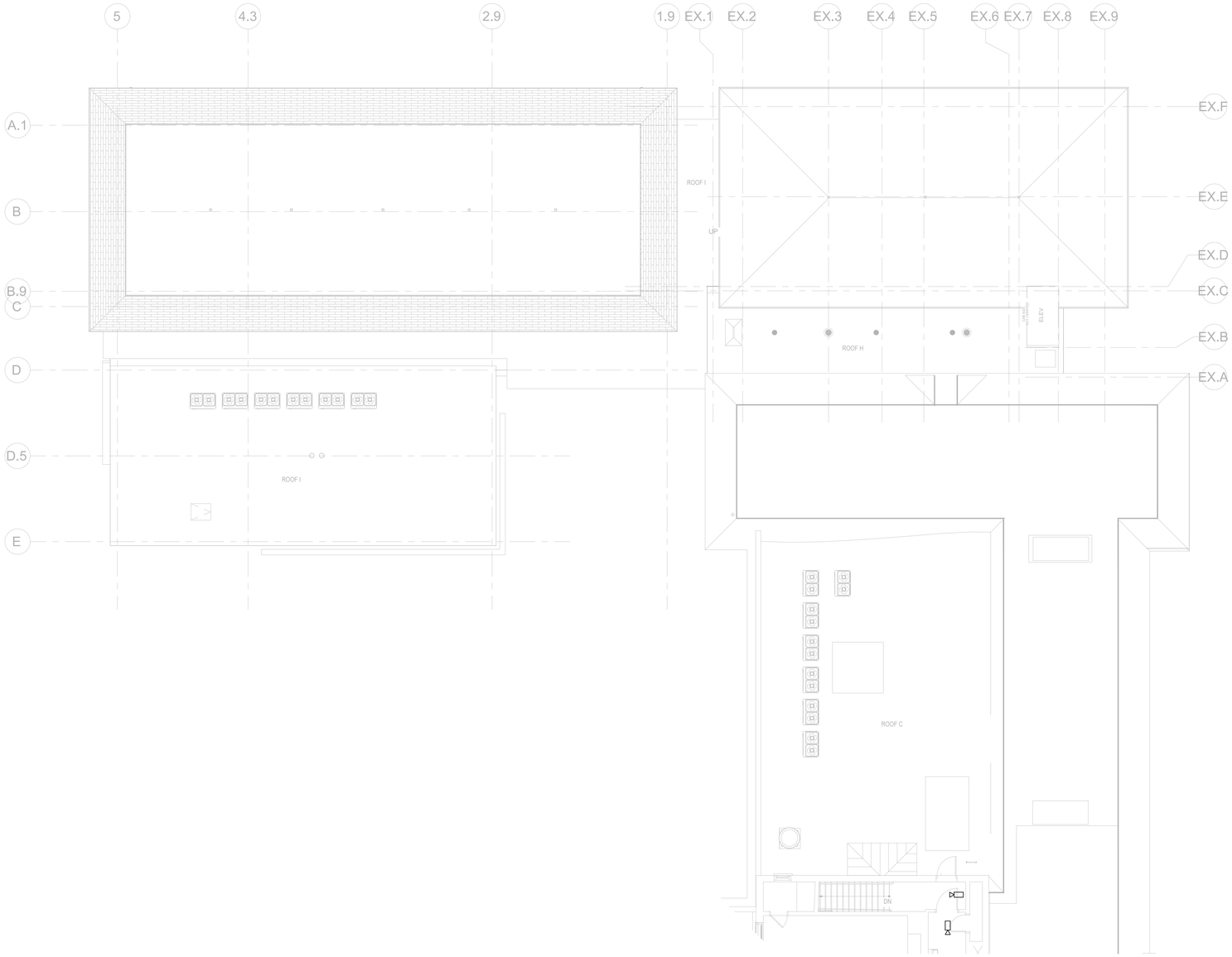

SECURITY THIRD FLOOR AREA A

1/8" = 1'-0"

10

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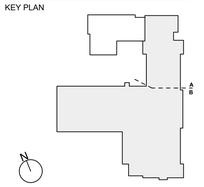
KEY PLAN



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MEMASI PROJECT NO.	101-2403

SECURITY THIRD FLOOR AREA A

TY114A

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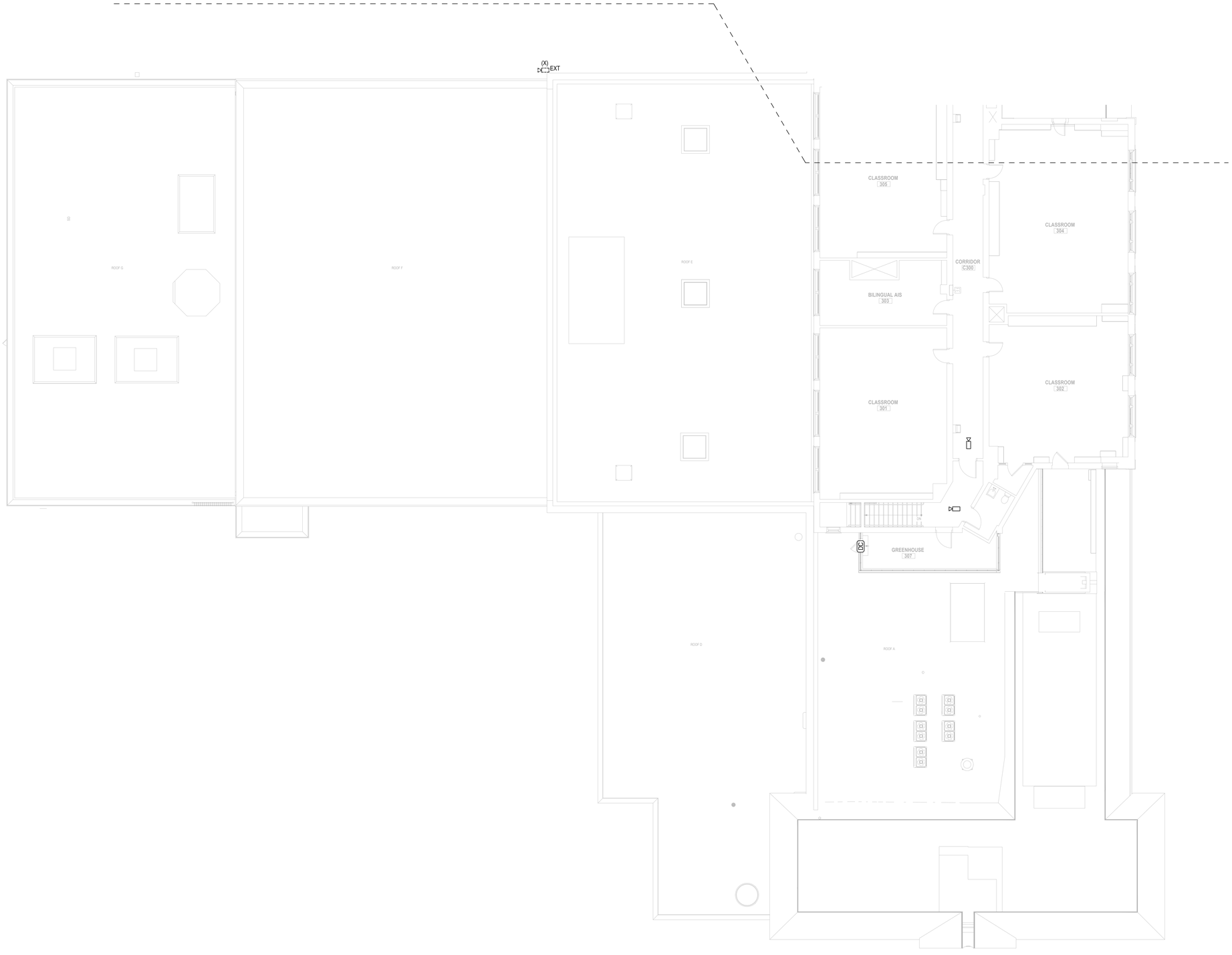

SECURITY THIRD FLOOR AREA B

1/8" = 1'-0"

10

PUBLIC SCHOOLS OF THE TARRYTOWNS

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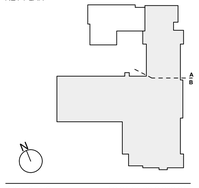

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MEMASI PROJECT NO.	101-2403

SECURITY THIRD FLOOR AREA B

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1 SECURITY RISER DIAGRAM
NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

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PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

SECURITY RISER DIAGRAM

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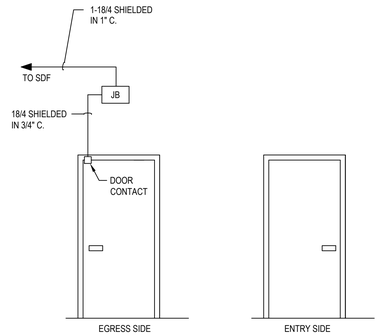
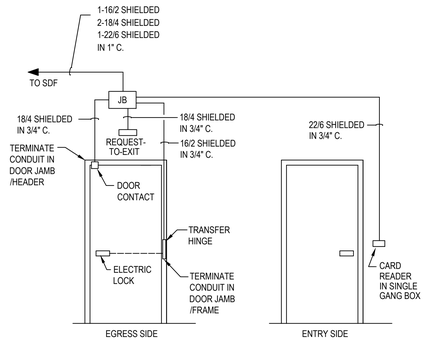
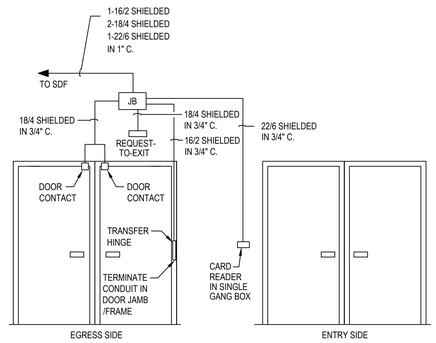


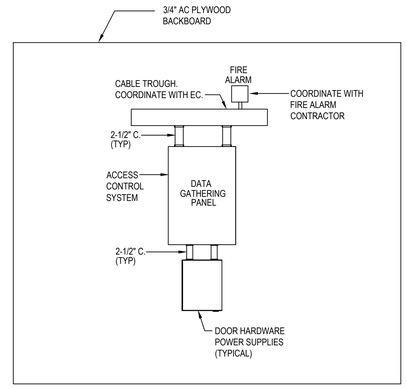
1 MONITORED SINGLE DOOR WIRING DIAGRAM — NO SCALE



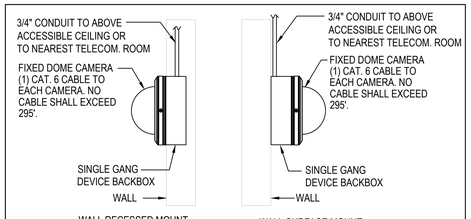
2 SINGLE DOOR WIRING DIAGRAM WITH CARD READER — NO SCALE



3 DOUBLE DOOR WIRING DIAGRAM WITH CARD READER — NO SCALE

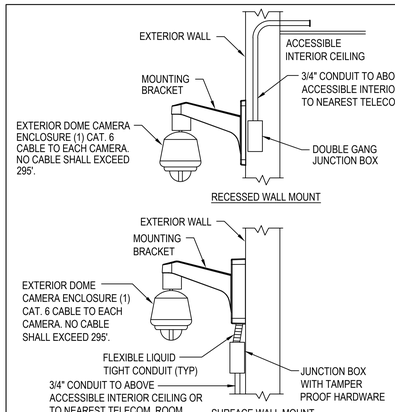


4 SECURITY WALL FIELD — NO SCALE



NOTES:
1. THIS DETAIL REPRESENTS THE INSTALLATION REQUIREMENTS OF CONDUIT AND BOX SIZING AND LOCATIONS.
2. REFER TO ARCH. PLANS FOR ALL DEVICE MOUNTING REQUIREMENTS PRIOR TO INSTALLATION.
3. CONDUIT SHALL BE REQUIRED IN ALL EXPOSED OR INACCESSIBLE AREAS. THE USE OF J-HOOKS AND OTHER CABLE SUPPORT MECHANISMS THAT ARE ACCESSIBLE ABOVE CONCEALED AND ACCESSIBLE CEILINGS IS ACCEPTABLE.

5 INTERIOR CAMERA MOUNT DETAILS — NO SCALE



NOTES:
1. THIS DETAIL REPRESENTS THE INSTALLATION REQUIREMENTS OF CONDUIT AND BOX SIZING AND LOCATIONS.
2. REFER TO ARCH. PLANS FOR ALL DEVICE MOUNTING REQUIREMENTS PRIOR TO INSTALLATION.
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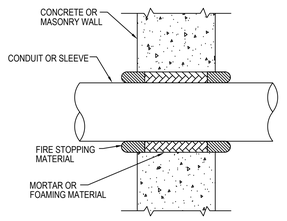
6 EXTERIOR CAMERA WALL MOUNT DETAILS — NO SCALE



NOTES:
1. INSTALL FIRE STOPPING MATERIAL IN ACCORDANCE WITH MANUFACTURER TESTED METHODS.
2. INSTALL FIRE STOPPING MATERIAL INSIDE SLEEVES AFTER CABLE INSTALLATION IS COMPLETE.
3. ALWAYS RESTORE THE FIRE-RATING OF THE WALL TO IT'S INTENDED DESIGN.

7 FIRESTOPPING DETAIL — NO SCALE

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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KEY PLAN

PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SECURITY DETAILS

TY301

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CAMERA SCHEDULE														INTEGRATION					
Device Number	Cable N=New E=Existing	Camera N=New XR= Existing to be Remain	Mount C=Ceiling W=Wall P=Pole	Type Interior/ Exterior	Field of View	Lens	Mega-Pixel Resolution	360 / 180	WDR	Record Rate (FPS)	Record on Motion	Basis of Design Model	Intrusion Camera Callup (Device Number)	Card Access Camera Callup (Device Number)	POE	IP ADDRESS	MAC ADDRESS	Comments
CAM 001	N	N	P	EXTERIOR	PARKING LOT	xxx	xxx	X	X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 002	N	N	W	EXTERIOR	ENTRANCE DOOR	xxx	xxx	X	X	15 FPS	X	6.0C-H6A-D01-IR			802.3at type 2 class 4			
CAM 003	N	N	W	EXTERIOR	ENTRANCE DOOR	xxx	xxx	X	X	15 FPS	X	6.0C-H6A-D01-IR			802.3at type 2 class 4			
CAM 004	N	N	W	EXTERIOR	EXTERIOR	xxx	xxx		X	15 FPS	X	6.0C-H6A-D01-IR			802.3at type 2 class 4			
CAM 005	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 006	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 007	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 1 class 3			
CAM 008	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	6.0C-H6A-D01-IR			802.3at type 1 class 3			
CAM 009	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 1 class 4			
CAM 010	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 1 class 3			
CAM 011	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 1 class 3			
CAM 012	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 1 class 3			
CAM 013	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx	X	X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 014	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx	X	X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 015	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 016	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 017	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 018	N	N	W	EXTERIOR	BUILDING FACADE	xxx	xxx		X	15 FPS	X	20C-H5A-4MH			802.3at type 2 class 4			
CAM 019	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 020	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 021	N	N	C	INTERIOR	GYM	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 022	N	N	C	INTERIOR	GYM	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 023	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 024	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 025	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
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CAM 032	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 033	N	N	C	INTERIOR	EXIT DOOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 034	N	N	C	INTERIOR	LOCKER ROOM	xxx	xxx	X	X	15 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 035	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 036	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 037	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			PROVIDE 2 WIRE ADAPTER KIT
CAM 038	N	N	C	INTERIOR	LOCKER ROOM	xxx	xxx		X	15 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 039	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 040	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			

CAMERA SCHEDULE													INTEGRATION					
Device Number	Cable N=New E=Existing	Camera N=New XR= Existing to be Replaced	Mount C=Ceiling W=Wall P=Pole	Type Interior/ Exterior	Field of View	Lens	Mega-Pixel Resolution	360 / 180	WDR	Record Rate (FPS)	Record on Motion	Basis of Design Model	Intrusion Camera Callup (Device Number)	Card Access Camera Callup (Device Number)	POE	IP ADDRESS	MAC ADDRESS	Comments
CAM 041	N	N	C	INTERIOR	STAIR	xxx	xxx	X	X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 042	N	N	C	INTERIOR	CAFETERIA	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 043	N	N	C	INTERIOR	CAFETERIA	xxx	xxx	X	X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 044	N	N	C	INTERIOR	CAFETERIA	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 045	N	N	C	INTERIOR	CAFETERIA	xxx	xxx	X	X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 046	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 047	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 048	N	N	C	INTERIOR	IT ROOM	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 049	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR						
CAM 050	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 051	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 052	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 1 class 3			
CAM 053	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 054	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 055	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 056	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 057	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 058	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 059	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 060	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 061	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 062	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 063	N	N	C	INTERIOR	STAIR	xxx	xxx		X	15 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 064	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 065	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 066	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 067	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 068	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 069	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 070	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 071	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 072	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	12.0W-H5A-FE-D01-IR			802.3at type 2 class 4			
CAM 073	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 074	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 075	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 076	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 077	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
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CAM 080	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
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CAM 082	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 083	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 084	N	N	C	INTERIOR	CORRIDOR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			
CAM 085	N	N	C	INTERIOR	STAIR	xxx	xxx		X	16 FPS	X	2.0C-H6SL-D1-IR			802.3at type 2 class 4			

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

ISSUED FOR BID 03/27/26
ISSUE DATE

KEY PLAN

PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

SECURITY CAMERA SCHEDULE

TY401

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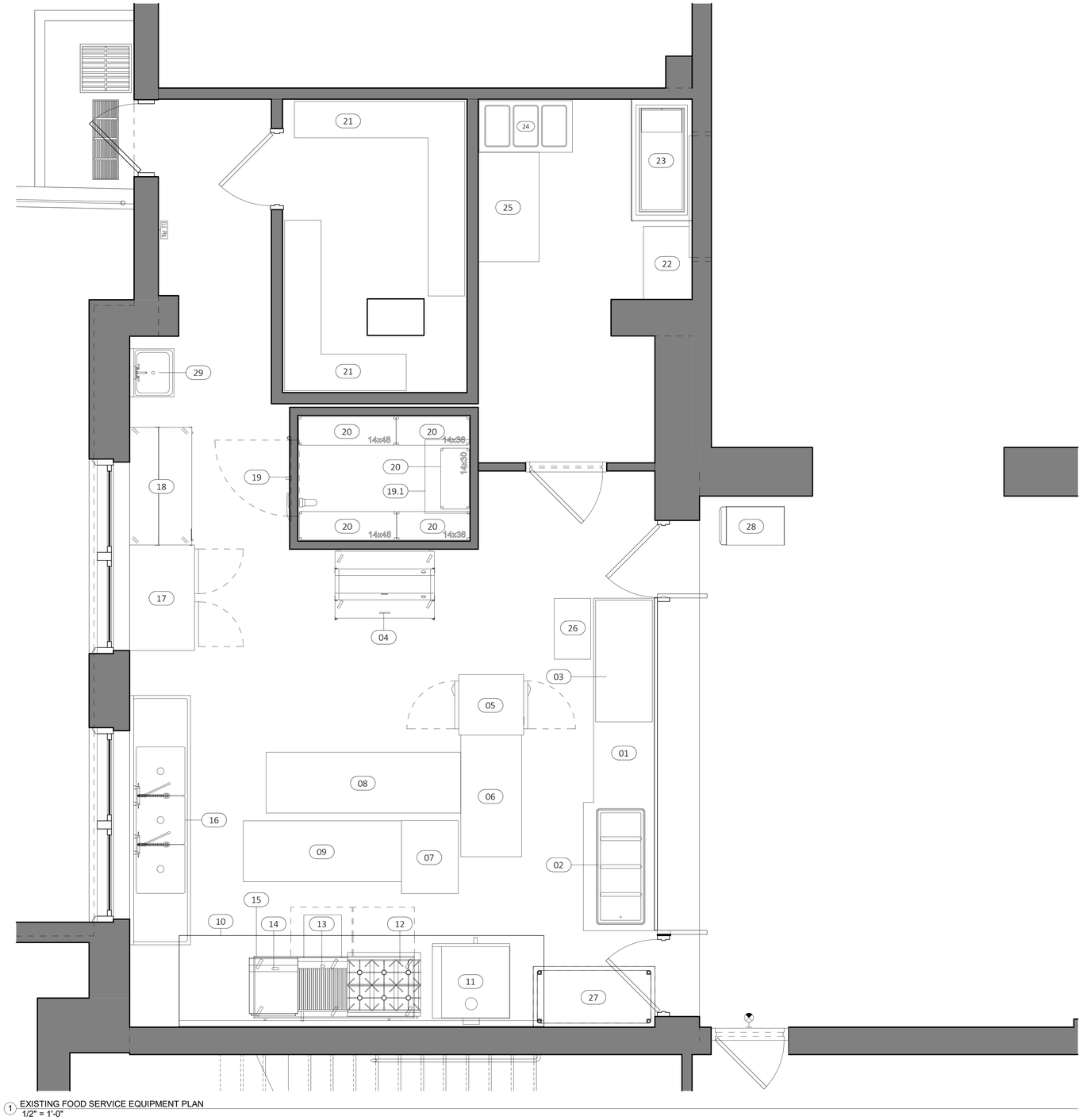

1 EXISTING FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EXISTING EQUIPMENT SCHEDULE			
NO.	QTY.	CATEGORY	REMARKS
01	1	SERVING COUNTER	REMOVE
02	1	HOT FOOD STATION	REMOVE
03	1	COLD FOOD STATION	REMOVE
04	1	MILK COOLER	SALVAGE
05	1	PASS THRU REFRIGERATOR	SALVAGE
06	1	WORK TABLE	REMOVE
07	1	HEATED CABINET	SALVAGE
08	1	WORK TABLE	REMOVE
09	1	WORK TABLE	REMOVE
10	1	EXHAUST HOOD	REMOVE
11	1	CONVECTION OVEN	REMOVE
12	1	RANGE	SALVAGE
13	1	CHARBROILER	SALVAGE
14	1	GRIDDLE	SALVAGE
15	1	REFRIGERATED EQUIPMENT STAND	REMOVE
16	1	THREE COMPARTMENT SINK	REMOVE
17	1	REACH-IN FREEZER	SALVAGE
18	1	MILK COOLER	REMOVE
19	1	WALK-IN COOLER	REMOVE
19.1	1	WALK-IN COOLER EVAPORATOR	REMOVE
20	5	WALK-IN COOLER SHELVING	REMOVE
21	2	DRY STORAGE SHELVING	REMOVE
22	1	WORK TABLE	REMOVE
23	1	COLD WELL	REMOVE
24	1	HOT WELL	SALVAGE
25	1	BAKERS TABLE	SALVAGE
26	1	UTILITY CART	REMOVE
27	1	EQUIPMENT STAND	REMOVE
28	1	MOBILE CASHIER STAND	SALVAGE
29	1	HAND SINK	REMOVE

RELOCATE,SALVAGE OR REMOVE ALL EXISTING FOODSERVICE EQUIPMENT

"RELOCATE" = RELOCATE EQUIPMENT PER THE PLANS AND SPECIFICATIONS

"SALVAGE" = TURN OVER THE EQUIPMENT TO THE OWNER AND DELIVER TO DESIGNATED LOCATION

"REMOVE" = REMOVE AND DISPOSE OF THE EQUIPMENT

WALK-IN COOLER/FREEZER DEMO NOTE

**THE FSEC IS RESPONSIBLE TO VERIFY LOCATION OF EXISTING CONDENSERS AND REMOVE THE WALK-IN REFRIGERATION SYSTEMS, PIPING, DRAIN LINES AND ALL ASSOCIATED REFRIGERATION ITEMS, AND DISPOSE OF ACCORDING TO LOCAL REGULATIONS.

THE FSEC IS REPONSIBLE TO PUMP DOWN AND PROPERLY RECOVER THE EXISTING REFRIGERANT FROM ANY SYSTEMS PRIOR TO DEMO. PROOF OF PROPER RECOVERYAND DISPOSAL WILL BE REQUIRED.**

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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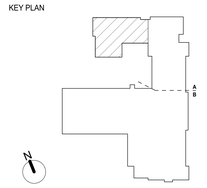

PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

FOOD SERVICE EXISTING EQUIPMENT PLAN

FS100

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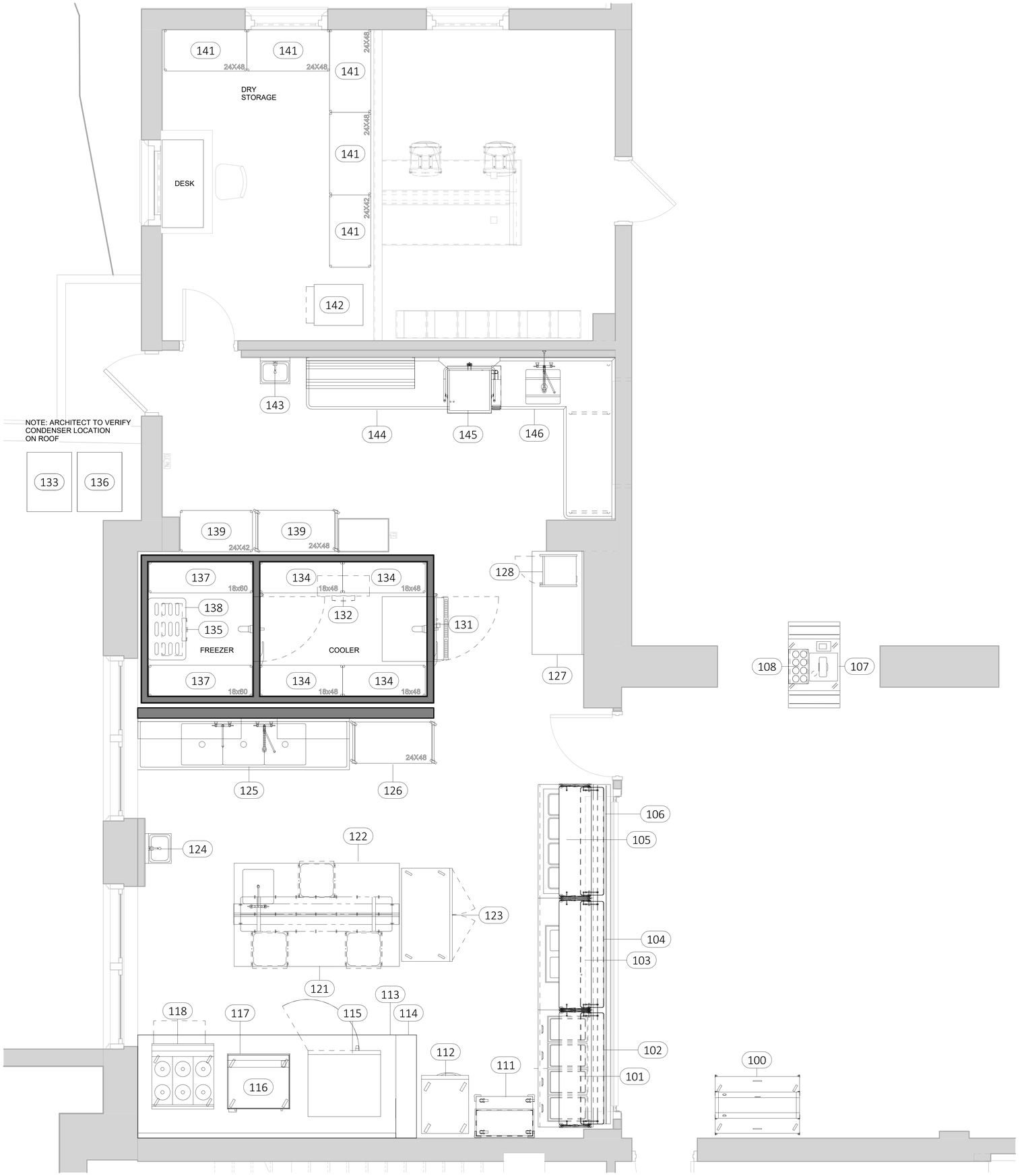

1 FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	QTY.	CATEGORY	REMARKS
100	1	MILK COOLER	NEW
101	1	HOT FOOD STATION	NEW
102	1	BREATH GUARD	NEW
103	1	HOT/COLD FOOD STATION	NEW
104	1	BREATH GUARD	NEW
105	1	COLD FOOD STATION	NEW
106	1	BREATH GUARD	NEW
107	1	CASHIER STAND	NEW
108	1	SILVERWARE DISPENSER	NEW
109	1	SPARE NUMBER	SPARE
110	1	SPARE NUMBER	SPARE
111	1	TRAY CART	NEW
112	1	HEATED CABINET	NEW
113	1	EXHAUST HOOD	NEW
114	1	FIRE SUPPRESSION SYSTEM	NEW
115	1	DOUBLE COMBI OVEN	NEW
116	1	GRIDDLE	NEW
117	1	REFRIGERATED EQUIPMENT STAND	NEW
118	1	RANGE	NEW
119	1	SPARE NUMBER	SPARE
120	1	SPARE NUMBER	SPARE
121	1	WORK TABLE	NEW
122	1	PREP TABLE	NEW
123	1	REACH-IN REFRIGERATOR	NEW
124	1	HAND SINK	NEW
125	1	THREE COMPARTMENT SINK	NEW
126	1	POT & PAN RACK	NEW
127	1	WORK TABLE	NEW
128	1	MICROWAVE	NEW
129	1	SPARE NUMBER	SPARE
130	1	SPARE NUMBER	SPARE
131	1	WALK-IN COOLER/FREEZER	NEW
132	1	WALK-IN COOLER EVAPORATOR	NEW
133	1	WALK-IN COOLER CONDENSER	NEW
134	4	WALK-IN COOLER SHELVING	NEW
135	1	WALK-IN FREEZER EVAPORATOR	NEW
136	1	WALK-IN FREEZER CONDENSER	NEW
137	2	WALK-IN FREEZER SHELVING	NEW
138	1	WALK-IN FREEZER DUNNAGE RACK	NEW
139	2	POT & PAN RACK	NEW
140	1	SPARE NUMBER	SPARE
141	5	DRY STORAGE SHELVING	NEW
142	1	ICE MACHINE	NEW
143	1	HAND SINK	NEW
144	1	CLEAN DISH TABLE	NEW
145	1	DISHWASHER	NEW
146	1	SOILED DISHTABLE	NEW

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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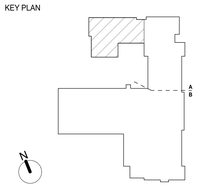

PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE EQUIPMENT PLAN

FS101

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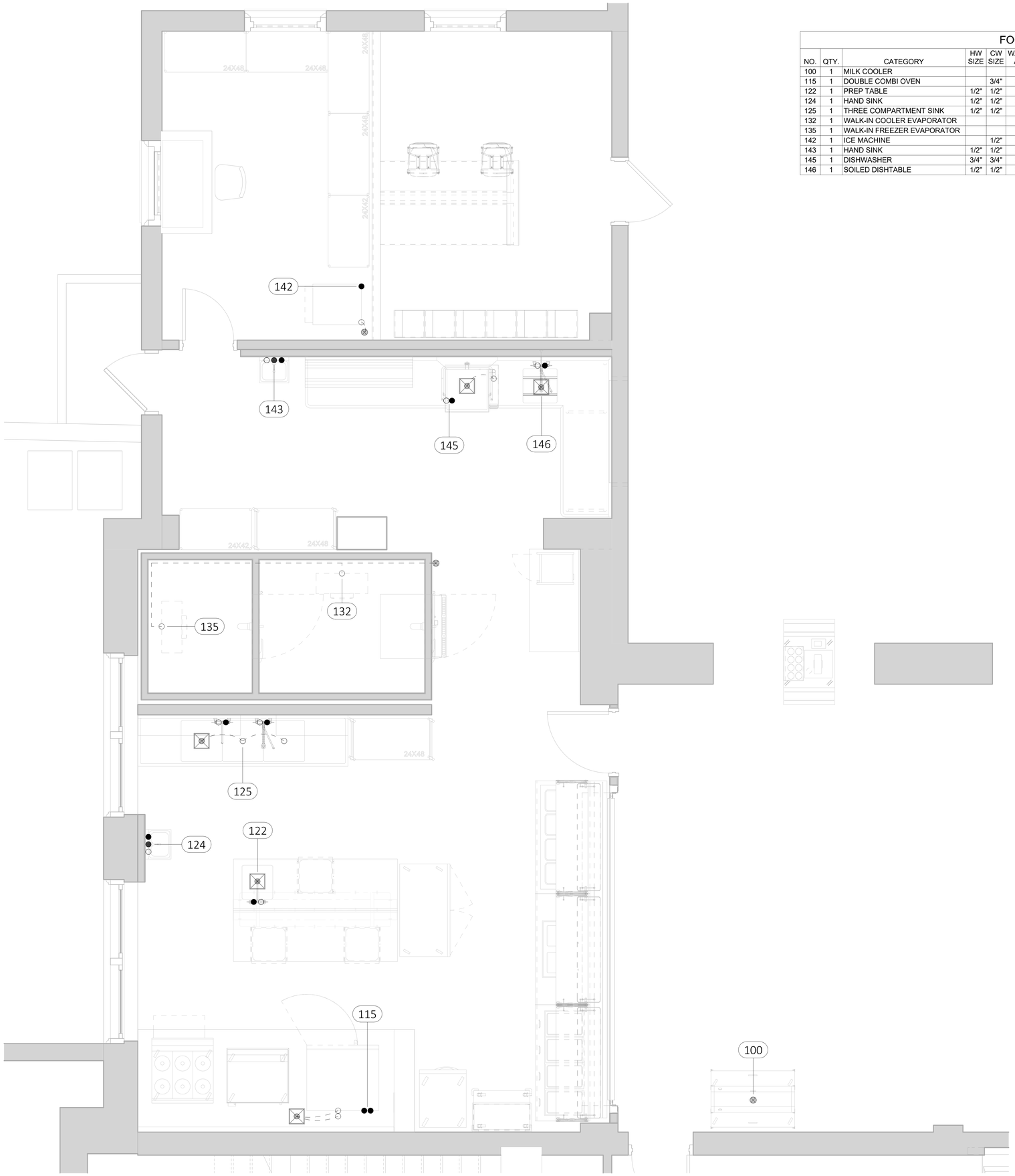

1 FOOD SERVICE PLUMBING PLAN
1/2" = 1'-0"

FOOD SERVICE PLUMBING SCHEDULE

NO.	QTY.	CATEGORY	HW SIZE	CW SIZE	WATER AFF	DW SIZE	DW AFF	IW SIZE	REMARKS
100	1	MILK COOLER						3/4"	IW TO FLOOR DRAIN
115	1	DOUBLE COMBI OVEN		3/4"	24"			2"	(2) CW CONNECTIONS TO WATER FILTER THEN COMBI OVEN; (2) IW TO FLOOR SINK
122	1	PREP TABLE	1/2"	1/2"	4"			2"	STUB UP FROM FLOOR, IW TO FLOOR SINK
124	1	HAND SINK	1/2"	1/2"	24"	1 1/2"	24		4" OC
125	1	THREE COMPARTMENT SINK	1/2"	1/2"	24"			2"	(2) HW/CW CONNECTIONS; IW TO FLOOR SINK
132	1	WALK-IN COOLER EVAPORATOR						3/4"	IW TO FLOOR DRAIN
135	1	WALK-IN FREEZER EVAPORATOR						3/4"	IW TO FLOOR DRAIN
142	1	ICE MACHINE		1/2"	24"			3/4"	IW TO FLOOR DRAIN
143	1	HAND SINK	1/2"	1/2"	24"	1 1/2"	24		4" OC
145	1	DISHWASHER	3/4"	3/4"	24"			1 1/2"	IW TO FLOOR SINK
146	1	SOILED DISHTABLE	1/2"	1/2"	24"			2"	IW TO FLOOR SINK

PLUMBING LEGEND

ABBR.	DESCRIPTION	SYMBOL
CW	COLD WATER	●
HW	HOT WATER	○
W	DIRECT WASTE	●
IW	INDIRECT WASTE	○
FD	FLOOR DRAIN	⊗
FS	FLOOR SINK	▣
	GAS CONNECTION LP/NG	
ACH	ABOVE COUNTER HEIGHT	
AFF	ABOVE FINISHED FLOOR	
BFF	BELOW FINISHED FLOOR	
MBTUH	THOUSAND BTU PER HOUR	

GENERAL PLUMBING NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOWN ARE RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. GENERAL WATER PRESSURE IN KITCHEN AREA NOT TO EXCEED 50 PSI.
3. P.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
4. F.S.P.C. TO SUPPLY AND INSTALL ALL FIXTURES AND FAUCETS AS SPECIFIED IN EQUIPMENT SPECIFICATIONS. PLUMBING CONTRACTOR SHALL CONNECT ALL PLUMBING COMPONENTS TO MAKE FINAL CONNECTIONS.
5. FAUCETS, WATER FILTERS, GATE VALVES, WATER HAMMER ARRESTORS, BACK FLOW PREVENTORS, PRESSURE REDUCING VALVES, AND ANY OTHER SPECIFIED PLUMBING COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE PLUMBING CONTRACTOR.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS SHUT OFF VALVES AS REQUIRED AT POINT OF CONNECTION WITH EQUIPMENT.
8. GENERAL GAS PRESSURE IN KITCHEN TO BE VERIFIED BY THE PLUMBING CONTRACTOR. VERIFY PRESSURE WITH F.S.E.C. TO RELATED EQUIPMENT.
9. PLUMBING CONTRACTOR IS REQUIRED TO MOUNT AND INSTALL ALL GAS REGULATORS, GAS PRESSURE REDUCING VALVES, AND GAS HOSES SUPPLIED BY THE F.S.E.C. UNLESS OTHERWISE NOTED.
10. PLUMBING CONTRACTOR TO VERIFY THAT ALL FLOOR SINKS, FLOOR DRAINS, AND WASTES CONFORM TO LOCAL CODES.
11. DIRECT ALL INDIRECT WASTE TO FLOOR SINKS OR DRAINS AS REQUIRED BY LOCAL CODES.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST SYSTEMS FOR PROPER OPERATION.
13. F.S.E.C. TO PROVIDE AND INSTALL DRAIN LINES FROM EVAPORATOR TO FLOOR DRAIN PROVIDED BY PLUMBING CONTRACTOR.
14. PLUMBING CONTRACTOR TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM PROVIDED BY F.S.E.C.

*REFER TO ARCHITECT'S PLUMBING DRAWINGS FOR ADDITIONAL BUILDING PLUMBING REQUIREMENTS.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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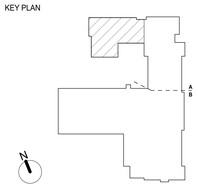

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FOOD SERVICE PLUMBING PLAN

FS102

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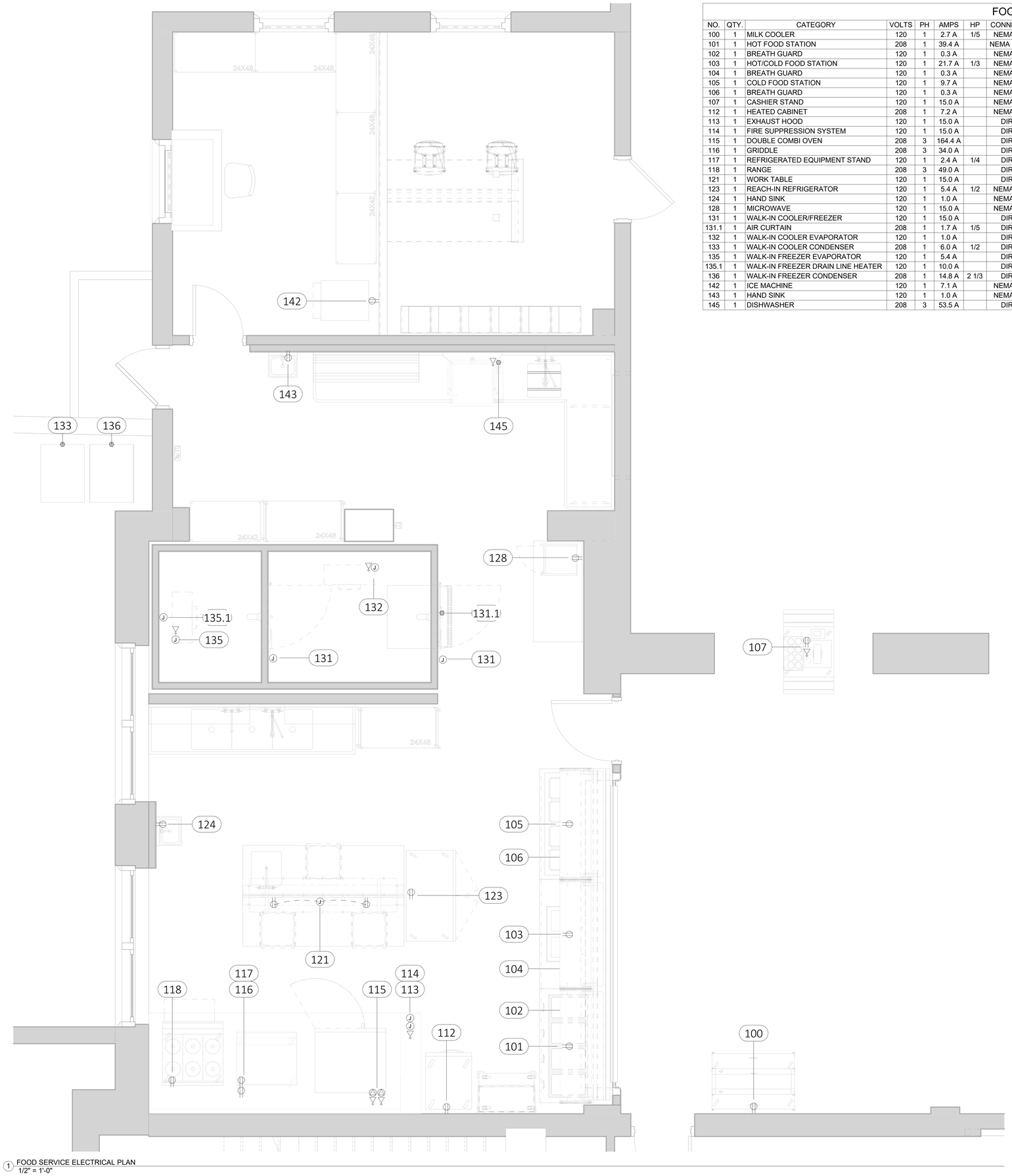

1 FOOD SERVICE ELECTRICAL PLAN
1/2" = 1'-0"

FOOD SERVICE ELECTRICAL SCHEDULE

NO.	QTY.	CATEGORY	VOLTS	PH	AMPS	HP	CONNECTION	AFF	REMARKS
100	1	MILK COOLER	120	1	2.7 A	1/5	NEMA 5-15P	36"	
101	1	HOT FOOD STATION	208	1	39.4 A		NEMA L14-20P	4"	120/208 REQUIRED, (4) CONNECTIONS 9.85A EACH; STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
102	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #101
103	1	HOT/COLD FOOD STATION	120	1	21.7 A	1/3	NEMA 5-15P	4"	(2) CONNECTIONS REQUIRED 10.85A EACH; STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
104	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #103
105	1	COLD FOOD STATION	120	1	9.7 A		NEMA 5-15P	4"	STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
106	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #105
107	1	CASHIER STAND	120	1	15.0 A		NEMA 5-15P	4"	STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY; DATA CONNECTION REQUIRED
112	1	HEATED CABINET	208	1	7.2 A		NEMA 6-15P	36"	
113	1	EXHAUST HOOD	120	1	15.0 A		DIRECT	DFA	DATA CONNECTION REQUIRED; SEE EXHAUST HOOD DRAWINGS FOR DETAILS
114	1	FIRE SUPPRESSION SYSTEM	120	1	15.0 A		DIRECT	DFA	SEE EXHAUST HOOD DRAWINGS FOR DETAILS
115	1	DOUBLE COMBI OVEN	208	3	164.4 A		DIRECT	36"	208/240 REQUIRED, (2) CONNECTIONS PER UNIT 62.2A EACH; DATA CONNECTION REQUIRED
116	1	GRIDDLE	208	3	34.0 A		DIRECT	36"	
117	1	REFRIGERATED EQUIPMENT STAND	120	1	2.4 A	1/4	DIRECT	36"	
118	1	RANGE	208	3	49.0 A		DIRECT	36"	
121	1	WORK TABLE	120	1	15.0 A		DIRECT	4"	STUB UP FROM FLOOR
123	1	REACH-IN REFRIGERATOR	120	1	5.4 A	1/2	NEMA-5-15P	DFA	
124	1	HAND SINK	120	1	1.0 A		NEMA 5-15P	18"	
128	1	MICROWAVE	120	1	15.0 A		NEMA 5-15P	36"	
131	1	WALK-IN COOLER/FREEZER	120	1	15.0 A		DIRECT	DFA	DATA CONNECTION REQUIRED; SEE WALK-IN DRAWINGS FOR DETAILS
131.1	1	AIR CURTAIN	208	1	1.7 A	1/5	DIRECT	DFA	
132	1	WALK-IN COOLER EVAPORATOR	120	1	1.0 A		DIRECT	DFA	SEE WALK-IN DRAWINGS FOR DETAILS
133	1	WALK-IN COOLER CONDENSER	208	1	6.0 A	1/2	DIRECT		SEE WALK-IN DRAWINGS FOR DETAILS
135	1	WALK-IN FREEZER EVAPORATOR	120	1	5.4 A		DIRECT	DFA	SEE WALK-IN DRAWINGS FOR DETAILS
135.1	1	WALK-IN FREEZER DRAIN LINE HEATER	120	1	10.0 A		DIRECT	DFA	
136	1	WALK-IN FREEZER CONDENSER	208	1	14.8 A	2 1/3	DIRECT		SEE WALK-IN DRAWINGS FOR DETAILS
142	1	ICE MACHINE	120	1	7.1 A		NEMA 5-15P	36"	
143	1	HAND SINK	120	1	1.0 A		NEMA 5-15P	18"	
145	1	DISHWASHER	208	3	53.5 A		DIRECT	12"	208-240V REQUIRED; DATA CONNECTION REQUIRED

ELECTRICAL LEGEND

ABBR.	DESCRIPTION	SYMBOL
DIRECT	ELECTRICAL CONNECTION	
DR	DUPLEX RECEPTACLE	
SR1	SINGLE RECEPTACLE (120V)	
SR2	SINGLE RECEPTACLE (208V)	
	FIRE SUPPRESSION PULL BOX	
JB	JUNCTION BOX	
SW	SWITCH	
E	UDS ELECTRICAL	
FS	UDS FIRE FUEL SHUT-OFF	
F	HOOD FAN CONTROL	
L	HOOD LIGHT CONTROL	
POS	CAT5 DATA CABLE	
V	VOLTAGE	
PH	PHASE	
KW	KILOWATTS	
HP	HORSEPOWER	
A	AMPERE	
AFF	ABOVE FINISHED FLOOR	
DFA	DOWN FROM ABOVE	

GENERAL ELECTRICAL NOTES

"THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS"

1. ALL CONNECTIONS SHOW RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. E.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
3. E.C. TO BRANCH CONNECTIONS AS REQUIRED.
4. F.S.E.C. TO SUPPLY ALL FIXTURES AND COMPONENTS SPECIFIED IN EQUIPMENT SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT ALL ELECTRICAL COMPONENTS TO MAKE FINAL CONNECTIONS UNLESS OTHERWISE NOTED.
5. SWITCHES, STARTERS, LOCK-OUT DEVICES, DISCONNECTS, AND ANY OTHER REQUIRED ELECTRICAL COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL MEET ALL O.S.H.A. AND CODE REQUIREMENTS.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. ALL MAIN BREAKER PANELS, DISCONNECT SWITCHES, RECEPTACLES, AND RECEPTACLE COVER PLATES ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR IS TO PROVIDE AND PERFORM WIRING BETWEEN THE FIRE SUPPRESSION SYSTEM, MICRO-SWITCHES, COOKING EQUIPMENT, AND BUILDING'S FIRE ALARM SYSTEM. SHUNT TRIP CIRCUITRY WILL BE REQUIRED TO SHUT DOWN COOK LINE IF AN EMERGENCY.
9. F.S.E.C. IS TO PROVIDE AND INSTALL ALL DRAIN LINE HEATER CABLE ON WALK-IN FREEZER DRAIN LINES.
10. F.S.E.C. IS RESPONSIBLE TO INSTALL AND MAKE ELECTRICAL CONNECTIONS FOR ANY ADDITIONAL LIGHTING, TIME CLOCKS, OR OTHER ELECTRICAL ACCESSORIES SPECIFIED FOR THE WALK-IN UNITS.
11. F.S.E.C. TO PROVIDE ELECTRICAL SERVICE FOR THE WALK-IN DOOR HEATERS, LIGHTS, EVAPORATORS AND CONDENSERS, AND PROVIDE ELECTRICAL DISCONNECTS AT CONDENSERS.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL, CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST FOR PROPER OPERATION.
13. VERIFY FINAL EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION. REVISIONS TO EQUIPMENT MAY AFFECT THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK OR MATERIAL REQUIREMENTS.

*REFER TO ARCHITECT'S ELECTRICAL DRAWINGS FOR ADDITIONAL BUILDING ELECTRICAL REQUIREMENTS.

VERIFICATION NOTE

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3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

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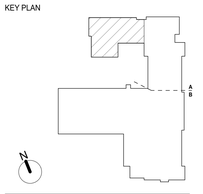
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/26

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE ELECTRICAL PLAN

FS103

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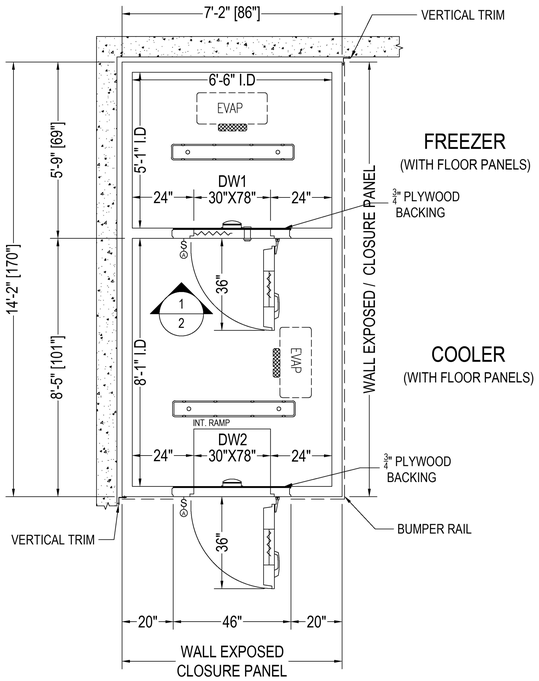
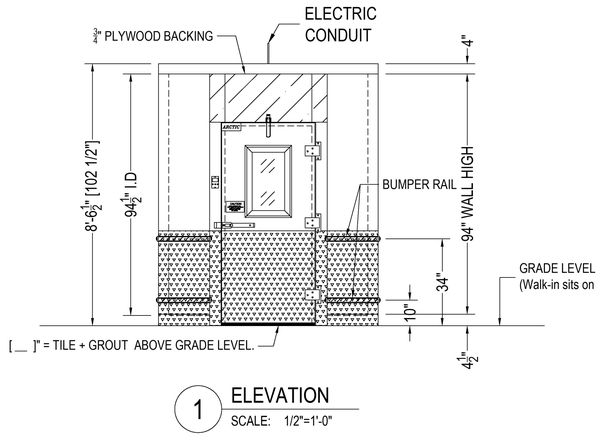
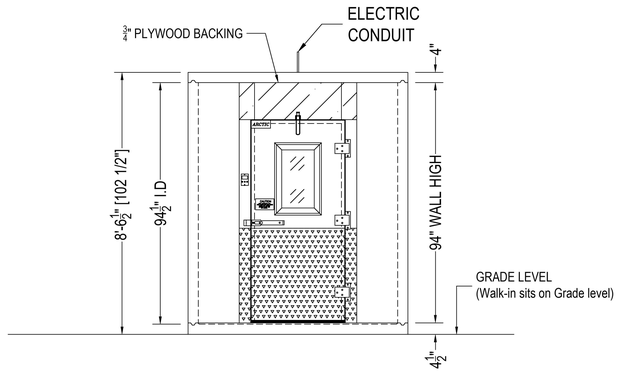


1 PLAN VIEW
SCALE: 1/2"=1'-0"

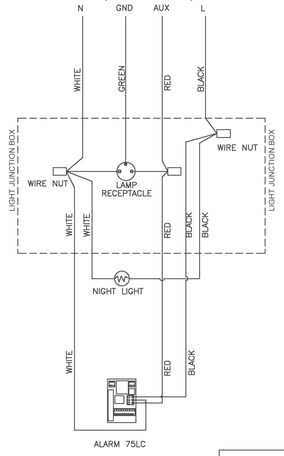


1 ELEVATION
SCALE: 1/2"=1'-0"



2 ELEVATION
SCALE: 1/2"=1'-0"

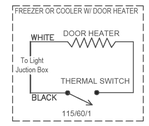
Field Connection
120V / 60V / 1PH
15 Amp Circuit Required

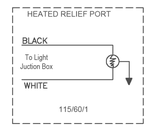


This is a 120VAC, 15 amp circuit auxiliary lights max combined draw 10 amps	
Manufacturer	**Model**
Keil (Component Hardware)	LED48X754
Kason	1802, 1802NL,1803, 1804, 1806, 1807, 1808,
	1808NM, 1808FM, 1809, 1810EZ Series,
	1810LX, 1810LC, 1820
MaxLite	LSV Series, JJ Series
Osram Sylvania	30099 Series
Various	UL Listed 120VAC, no greater than 60 watts

ADDITIONAL CONNECTIONS

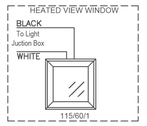
FREEZER

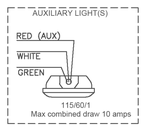




NOTE: Door Heater, Thermal Switch and Heated Relief Port included on Freezers only.
Door Heater and Thermal Switch optional on Coolers

OPTIONAL





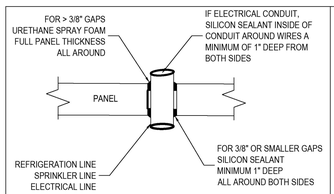
NOTE: If Auxiliary Lights are not powered from the Door Circuit, the Red Aux Wire from the Door Circuit must be capped off or removed by Qualified Electrician

ELECTRICIAN MUST PROVIDE SEAL-OFFS ON THE WARM SIDE OF ALL INCOMING CONDUIT LINES TO PREVENT CONDENSATION FROM FORMING INSIDE THE CONDUIT.
(SEE DETAILS PAGE)

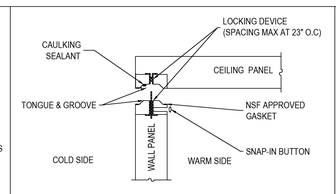
SINGLE POLE WIRING DIAGRAM FOR A/V ALARM 75LC

NOTE: DOOR MUST BE DISCONNECTED FROM ELECTRICAL SUPPLY FOR INSTALLATION AND ADJUSTMENTS.
NOTE: CONDUIT PENETRATIONS MUST BE SEALED INTERNALLY AND EXTERNALLY WHERE THEY ENTER THE WALK-IN BOX. 6 TO 5

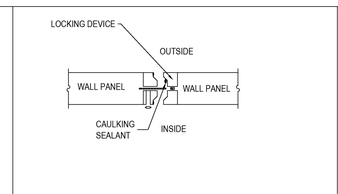
Update:10/17/25



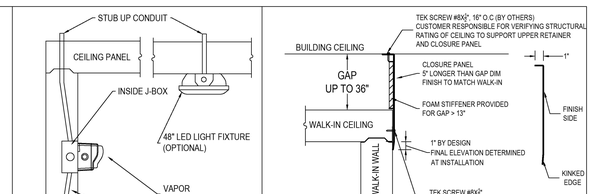
PENETRATION 1



WALL PANEL TO CEILING CONNECTION 2

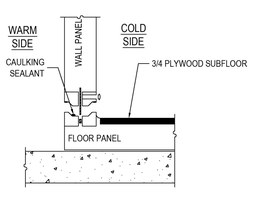


WALL TO WALL CONNECTION 3

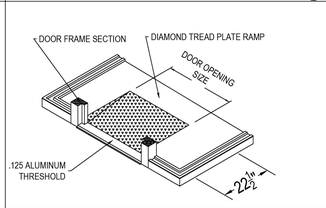


DOOR DETAIL STUB UP CONDUIT 7

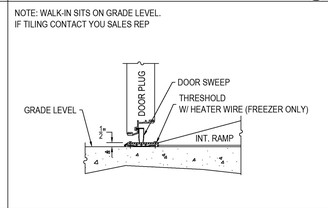
STANDARD CLOSURE PANELS DETAIL 8



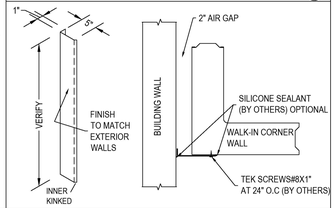
WALLS TO FLOOR - CONNECTION 4



INTERIOR RAMP DETAIL 5



DOOR PLUG DETAIL FOR INTERIOR RAMP 6



VERTICAL ANGLE TRIMS DETAILS 9

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2024 CAPTIAL BOND PROJECT- PHASE 2

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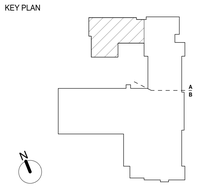
ISSUED FOR BID	03/27/26
ISSUE	DATE

KEY PLAN



PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

FOOD SERVICE WALK-IN DETAILS

FS104

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REFRIGERATION SPECIFICATIONS

ITEM	QTY	HP	MANUFACTURE	MODEL	REFRIG	V/P/H	MCA	FANS	CONNECTION	DIMENSIONS(IN)				WEIGHT	BTUH
SCROLL,REMOTE PREASSEMBLED, ECONET,AIR-COOLED,35°,OUTDOOR															
1	1	1/2	RUSSELL C/U	RFON060M4ADA	R-454A	208-230/1/60	15.0		3/8	3/8	27 7/8	28 1/4	18 3/4	195	7120
2	1		RUSSELL COIL	RAL6A081ADA		115/1/60 EC	15	1	3/8	5/8	27-1/8	12-1/2	18-1/8	47	
ACCESSORIES: A2L LEAK DETECTOR, SSOV ISOLATION VALVE, CHECK VALVE (SHIPPED LOOSE)															
SCROLL,REMOTE PREASSEMBLED, ECONET,AIR-COOLED,-10°F,OUTDOOR															
1	1	2-1/3	RUSSELL C/U	RFON230L4ADA	R-454A	208-230/1/60	17.7		3/8	7/8	39 7/8	28 1/4	18 3/4	230	6190
2	1		RUSSELL COIL	RAL6E058DDA		115/1/60 EC	15	1	3/8	7/8	27-1/8	12-1/2	18-1/8	47	
ACCESSORIES: A2L LEAK DETECTOR, SSOV ISOLATION VALVE, CHECK VALVE, 6' DRAIN LINE HEATER (SHIPPED LOOSE)															
NOTE: A LICENSED REFRIGERATION INSTALLER MUST DECIDE PLACEMENT OF EVAPORATOR(S) BASE ON SITE CONDITIONS,															
EVAPORATOR PLACEMENT ON DRAWING SHOULD BE USED FOR REFERENCE ONLY,															
DETAILED REFRIGERATION SPECIFICATIONS ARE AVAILABLE UPON REQUEST															

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SEAL

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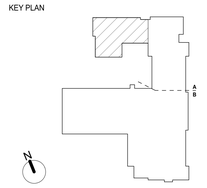
KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE REFRIGERATION DETAILS

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EMAIL: reg54@captiveaire.com

PATENT NUMBERS

EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

HOOD INFORMATION – JOB#8285131

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1	Item #113	6024 ND-2	CAPTIVEAIRE	12' 6"	450 DEG	I	MEDIUM	200	2500			4"	18"	2500	1415	-0.880"	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S) FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	Item #113	CAPTRATE SOLO FILTER	9	16"	16"	85% SEE FILTER SPEC	5	RECESSED ROUND	NO	LEFT	12"x60"x24"	TANK FS	4.0/4.0	SC-011110MA	1 LIGHT 1 FAN	YES	921 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	Item #113	FIELD WRAPPER 18.00" HIGH FRONT, LEFT.
		BACKSPLASH 80.00" HIGH X 162.00" LONG 430 SS VERTICAL.
		STRUCTURAL FRONT PANEL.

FIRE SYSTEM INFORMATION – JOB#8285131

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION SYSTEM	INSTALLATION LOCATION ON HOOD
1	ITEM #114	TANK FS	4.0/4.0	40	37	FIRE CABINET LEFT	LEFT, HOOD 1

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	18"
	FRONT	0"
	BACK	18"
	LEFT	0"
	RIGHT	18"

- *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

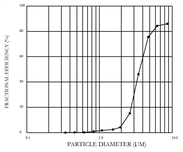
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

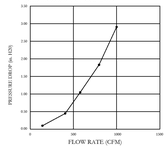
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER

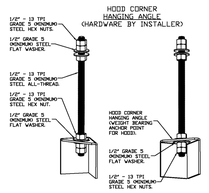


PRESSURE DROP VS. FLOW RATE



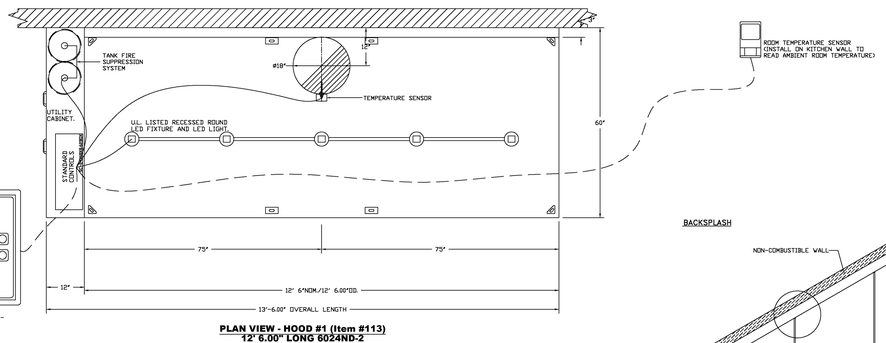
CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.

HOOD CORNER HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ROOM TEMPERATURE SENSOR (INSTALL ON KITCHEN WALL TO READ AMBIENT ROOM TEMPERATURE)

LCD SCREEN
FAN & LIGHT SWITCHES - Shipped Loose For Field Installation

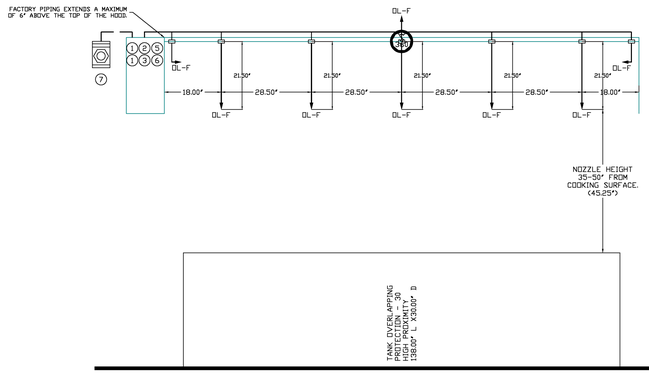
PLAN VIEW - HOOD #1 (Item #113)
12' 6.00" LONG 6024ND-2
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER.

BACKSPLASH

BACKSPLASH PANELS SLIDE INTO DIVIDER BAR

- BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS

SECTION VIEW - MODEL 6024ND-2
HOOD - #1 (Item #113)



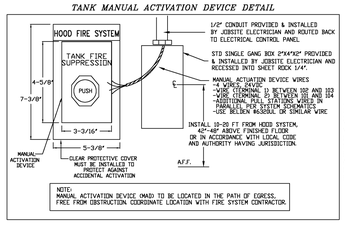
DETAIL - TANK FIRE SUPPRESSION SYSTEM

LEGEND – FIRE CABINET TANK SYSTEM

1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

— — — = FIELD PIPING
——— = FACTORY PIPING

TANK MANUAL ACTIVATION DEVICE DETAIL



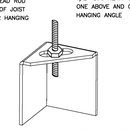
INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE, TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOOKUP AND ONE VISIT FOR ONE TEST; ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES), ONE MECHANICAL OR ELECTRICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.
EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

1/2" DIA. ALL THREAD ROD CONNECTED TO ROOF JOIST THROUGH ANOTHER HANGING ANGLE

1/2" DIA. HEAVY DUTY NUT ONE ABOVE AND ONE BELOW HANGING ANGLE



* ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-PUNCHED AT FACTORY

ND-2 HANGING ANGLE DETAIL

HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24"H)	DIM FROM FRONT (30"H)
CANOPY ND2	4.166"	2.246"	2.246"
ND2-PSP-F	4.166"	2.246"	2.246"
BACKSHELF 2847BD	2.00"	14.25"	–
VHB/VHB-G	36"X36"	42"X42"	48"X48"
FRONT/BACK DIMS BY SIZE	2.246"	2.246"	2.246"

HANGING ANGLE LOCATIONS

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

TOTAL DUCT AREA=144 X CFM / FPM(*)

DUCT LENGTH= TOTAL DUCT AREA / DUCT DEPTH

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

3054804-001 & 3054804-002

STANDARD 710

BUILT IN ACCORDANCE WITH NFPA No. 96

Listed under ETL File number 3054804-001/002

BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

1. ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
2. ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
3. HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
4. ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
5. COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
6. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
7. ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
8. LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
9. SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
10. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

BALANCE

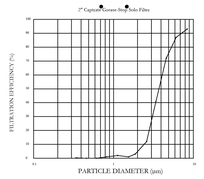
11. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

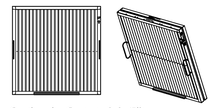
ADDITIONAL

14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES

FILTER COLLECTION EFFICIENCY





CaptiveAire Captrate Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS | CLARK DAVIS ENGINEERING & SURVEYING DPC
257 LISHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

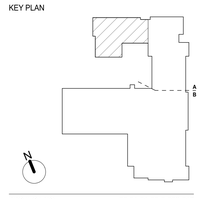
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

FOOD SERVICE DESIGN STUDIOS FSDS
1000 7th North Street, Suite B20
Liverpool, NY 13088
www.teamfsds.com | 315-498-9446

SEAL

ISSUED FOR BID	03/27/26
ISSUE	DATE

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE EXHAUST HOOD DETAILS

FS106

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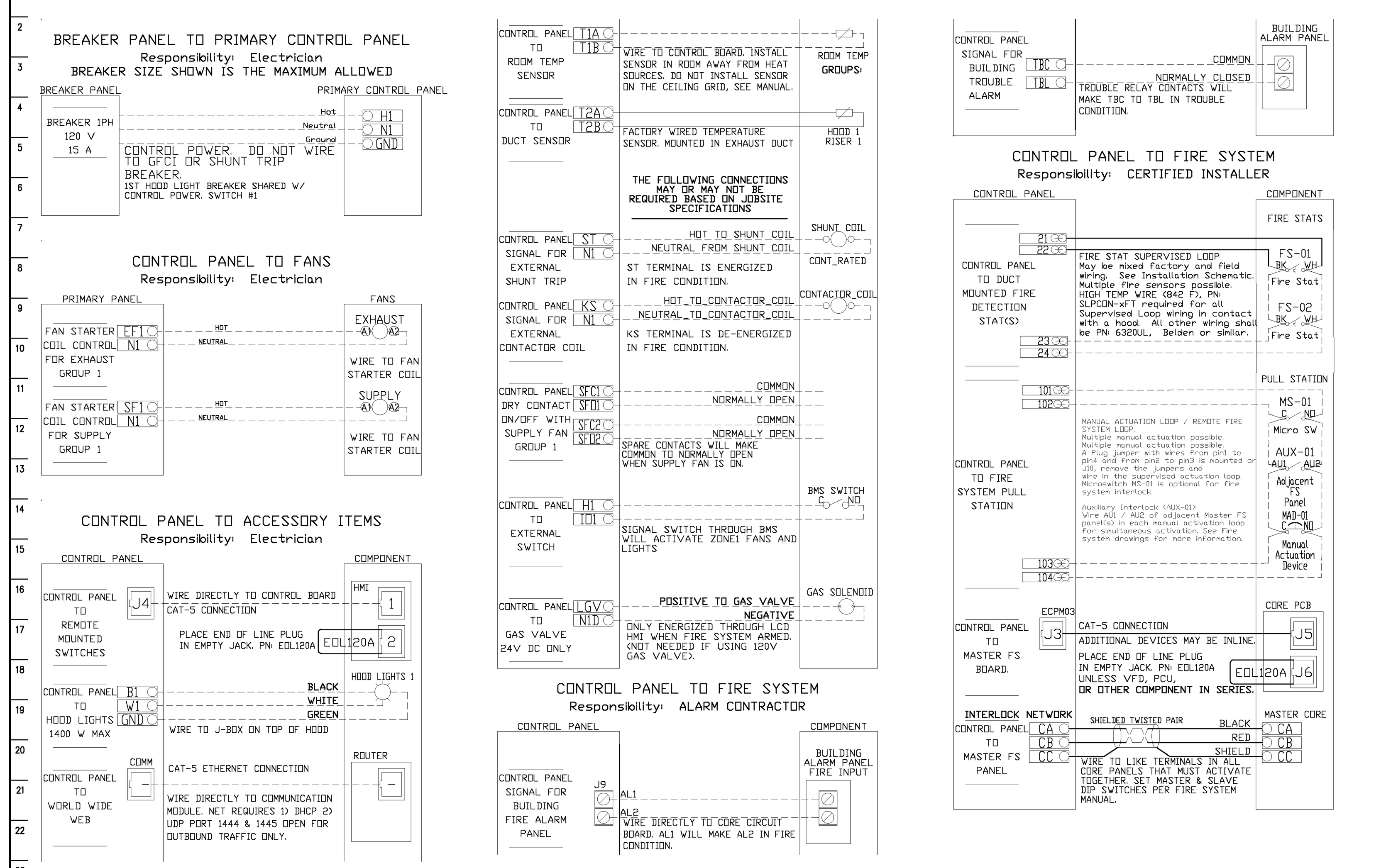
ELECTRICAL PACKAGE – JOB#8285131

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	Φ	HP	VOLT	FLA
1		SC-011110MA	UTILITY CABINET LEFT	SHIP LOOSE W/ PREWIRE	1 LIGHT 1 FAN	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	FAN STARTERS BY OTHERS				

JOB NO	MODEL NUMBER	DRAWN BY	SCHEMATIC TYPE	DESCRIPTION OF OPERATION:
8285131	SC-011110MA		INSTALL	Starter Coil Control Only w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation.
	JOB NAME: Tarrytown CSD - Washington Ir...	DATE: 10/10/2025	DWG NO: ECP #1-1	



JOB NO	MODEL NUMBER	DRAWN BY	SCHEMATIC TYPE	DESCRIPTION OF OPERATION:
8285131	SC-011110MA		INSTALL	Fire System #1 TANK FS - 4.0/4.0 (Item #114). Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.
	JOB NAME: Tarrytown CSD - Washington Ir...	DATE: 10/10/2025	DWG NO: ECP #1-2	

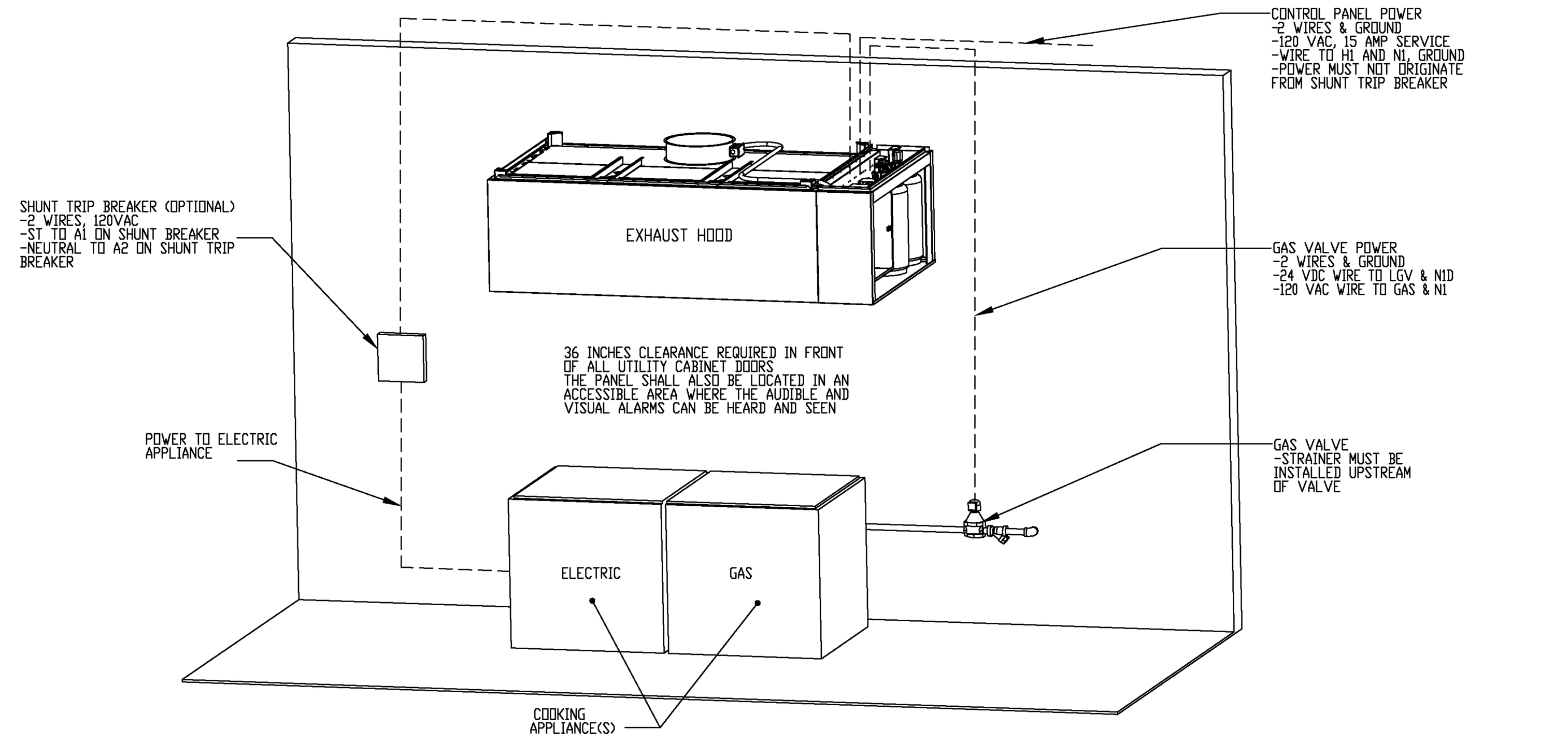
TANK PROTECTION ELECTRICAL DETAIL

02/10/2021 Rev. 2

FS-1: MASTER

ELECTRICIAN:
1. WIRE MAIN CONTROL PANEL PER INCLUDED SCHEMATIC
2. WIRE ALL FANS PER INCLUDED SCHEMATIC
3. WIRE SHUNT TRIP BREAKER (OPTIONAL)
4. WIRE UDS APPLIANCE KILL SWITCH, IF EQUIPPED (OPTIONAL)
5. WIRE GAS VALVE

ELECTRICAL CONTRACTOR REQUIREMENT					
ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
SHUNT TRIP BREAKER (OPTIONAL)	ST & N1	BREAKER COIL (A1 & A2)	120 VAC	< 4 AMPS	ST TO A1 ON SHUNT BREAKER COIL, AND NEUTRAL TO A2 ON SHUNT TRIP BREAKER COIL
CONTROL PANEL POWER	H1 & N1 + GROUND	CIRCUIT BREAKER	120 VAC	15 AMPS	CONTROL PANEL POWER MUST NOT BE RUN THROUGH SHUNT TRIP BREAKER
UDS APPLIANCE KILL SWITCH (OPTIONAL)	KTS & N1	KTS & N1	120 VAC	< 4 AMPS	KILL SWITCH TERMINALS MUST BE IN SERIES WITH OTHER KILL SWITCHES
REMOTE 120VAC ANSUL AUTOMAN (OPTIONAL)	AU1, AU2	SOLENOID	120 VAC	< 6 AMPS	120V TO AU1, AU2 TO ANSUL ELECTRIC AUTOMAN, ANSUL SOLENOID TO NEUTRAL
GAS VALVE	LGV & N1D (IF 24 VDC) GAS & N1 (IF 120 VAC)	RED/RED/GREEN	24 VDC OR 120 VAC	< 1.0 AMPS	IF 24 VDC - 2 WIRES & GROUND, N1D TO RED, LGV TO RED, AND GREEN TO GROUND IF 120 VAC - 2 WIRES & GROUND GAS TO RED, N1 TO RED, AND GREEN TO GROUND



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

JOB NO	MODEL NUMBER	DRAWN BY	SCHEMATIC TYPE	DESCRIPTION OF OPERATION:
8285131	SC-011110MA		INSTALL	Fire System #1 TANK FS - 4.0/4.0 (Item #114). Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.
	JOB NAME: Tarrytown CSD - Washington Ir...	DATE: 10/10/2025	DWG NO: ECP #1-3	

TANK PROTECTION LOW-VOLTAGE DETAIL

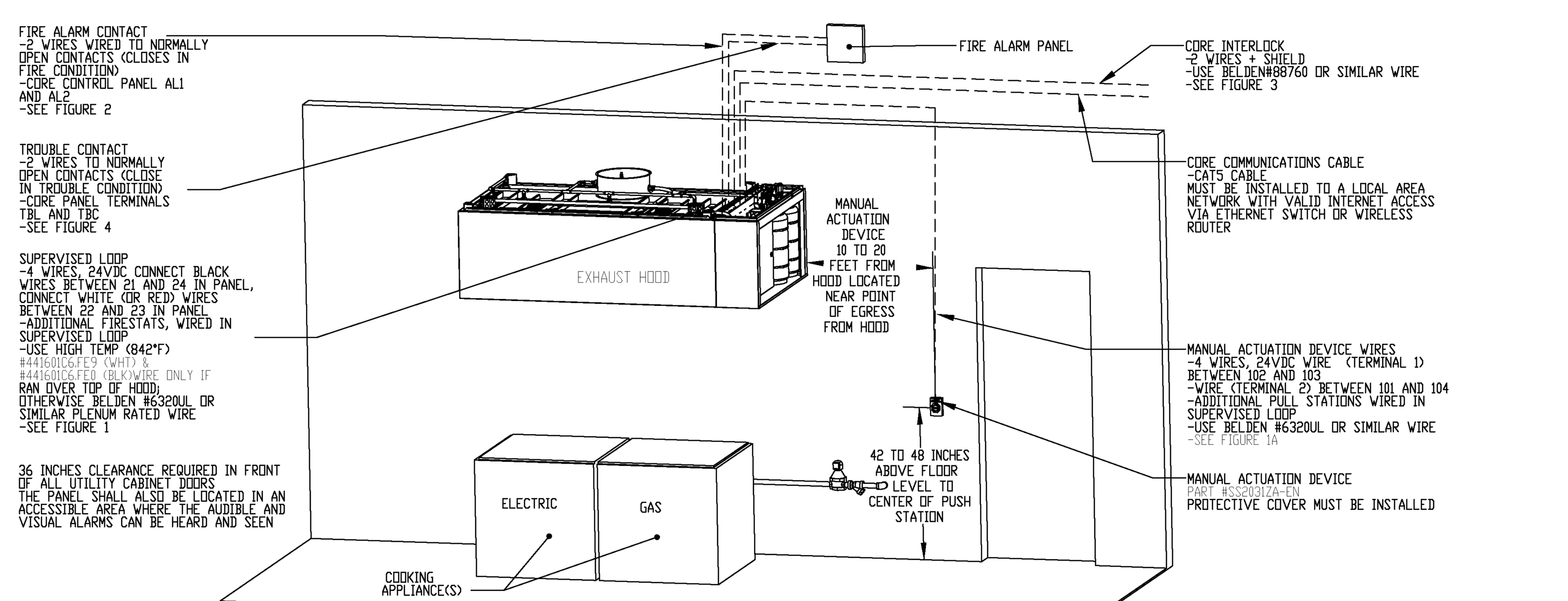
10/01/2023 Rev. 3

FS-1: MASTER

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), *REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP OF SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST

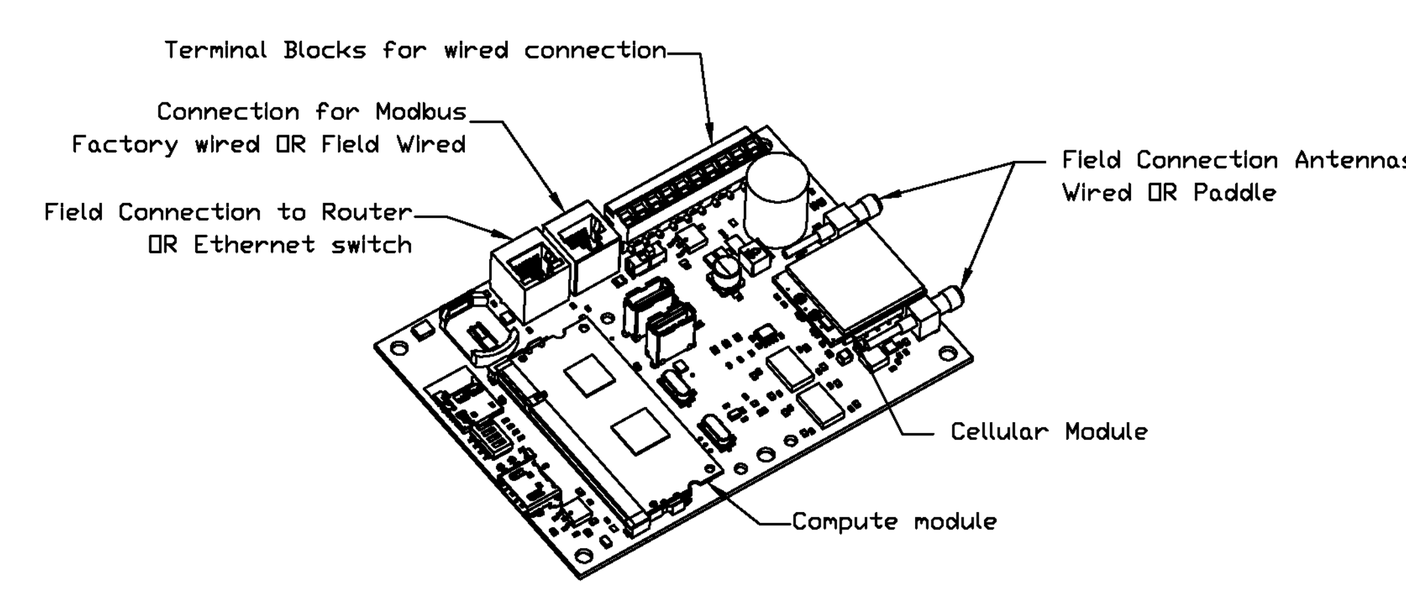
*REMOTE FIRESTAT(S) MAYBE BE REQUIRED DEPENDING ON THE DUCT LAYOUT AND HOOD TEMPERATURE RATING. REFERENCE MANUAL FOR LOCATION AND GUIDELINES.

ALARM CONTRACTOR REQUIREMENT					
ITEM	CONNECTION IN PANEL	CONNECTION ON DEVICE	VOLTAGE	AMPERAGE	COMMENTS
MANUAL ACTUATION DEVICE(S)	101 AND 104 102 AND 103	1 & 2	24 VDC	< 1.0 AMPS	WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103 WIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 101 AND 104 JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED
MANUAL ACTUATION DEVICE COVER	N/A	N/A	N/A	N/A	MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED IF SURFACE MOUNTED, USE COVER EXTENSION STI-6531B
REMOTE FIRESTAT SENSOR(S)	21 AND 24 22 AND 23	BLACK AND WHITE	24 VDC	< 1.0 AMPS	WIRE FIRE SENSOR WHITE WIRES BETWEEN HOOD CORE PANEL TERMINALS 22 AND 23 WIRE FIRE SENSOR BLACK WIRE BETWEEN HOOD CORE PANEL TERMINALS 21 AND 24 HIGH TEMP (842°F) #441601C6.FE9 (WHT) & #441601C6.FE0 (BLK)WIRE OR SIMILAR ONLY IF RAN OF HOOD; OTHERWISE BELDEN #6320UL OR SIMILAR PLENUM RATED WIRE; SEE FIGURE 1
FIRE ALARM CONTACT	AL1, AL2	VARIES	50V MAX (AC/DC)	UP TO 1 AMP	FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE CORE ELECTRICAL CONTROL PANEL
CORE INTERLOCK(S)	CA, CB, CC	CA, CB, CC	RS-485 COMMUNICATIONS SIGNAL		CORE SYSTEM (1) CA, TO CORE SYSTEM (2) CA. CORE SYSTEM (1) CB, TO CORE SYSTEM (2) CB. CORE SYSTEM (1) CC, TO CORE SYSTEM (2) CC. USE BELDEN# 88760 OR SIMILAR WIRE
TROUBLE CONTACT	TBC, TBL, TOK	VARIES	MAX 120 VAC	UP TO 6 AMPS	WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION
CORE COMMUNICATIONS CABLE	RJ-45 Jack	INTERNET CONNECTION	SIGNAL	<1.0 AMPS	TYPICAL CONNECTION CAT5 CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION



ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS



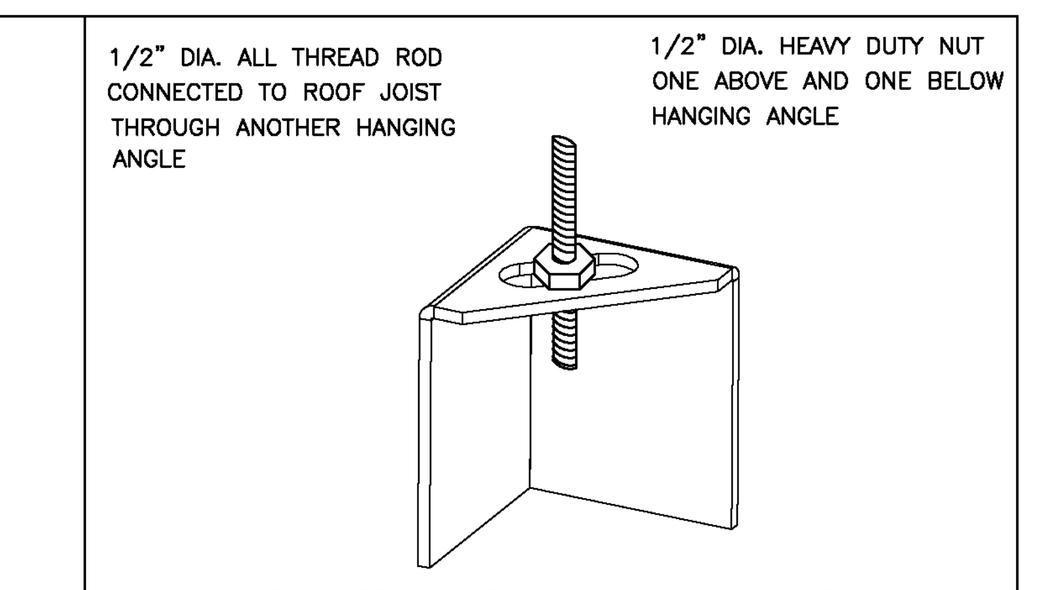
CASlink Monitor and Control

– Hood control panel to support communications to cloud-based Building Management System.
– Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
– Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
– Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

MONITORING AND CONTROL POINTS LIST

DCV Packages	Function
Room Temperature	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR
Fan Amperage	MONITOR
Fan Power	MONITOR
VFD Faults	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Prep Time Button	MONITOR & CONTROL
Fans Button	MONITOR & CONTROL
Lights Button	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

SC Packages	Function
Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Fans Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL



*ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR HANGING ANGLE IS PRE-PUNCHED AT FACTORY

ND-2 HANGING ANGLE DETAIL

HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24"H)	DIM FROM FRONT (30"H)
CANOPY ND2	4.166"	2.246"	2.246"
ND2-PSP-F	4.166"	2.246"	2.246"
BACKSHELF 2847BD	2.00"	14.25"	–
VHB/VHB-G	36"X36"	42"X42"	48"X48"
FRONT/BACK DIMS BY SIZE	2.246"	2.246"	2.246"

HANGING ANGLE LOCATIONS

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

TOTAL DUCT AREA=144 X $\frac{\text{CFM}}{\text{FPM}(*)}$

DUCT LENGTH= $\frac{\text{TOTAL DUCT AREA}}{\text{DUCT DEPTH}}$

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500–1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

#3054804-001 & #3054804-002

STANDARD 710

Intertek

BUILT IN ACCORDANCE WITH NFPA No. 96

Listed under ETL File number 3054804-001/002

BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

1. ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
2. ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
3. HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
4. ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTORS'S PLANS.
5. COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
6. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
7. ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
8. LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
9. SEISMIC RESTAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
10. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

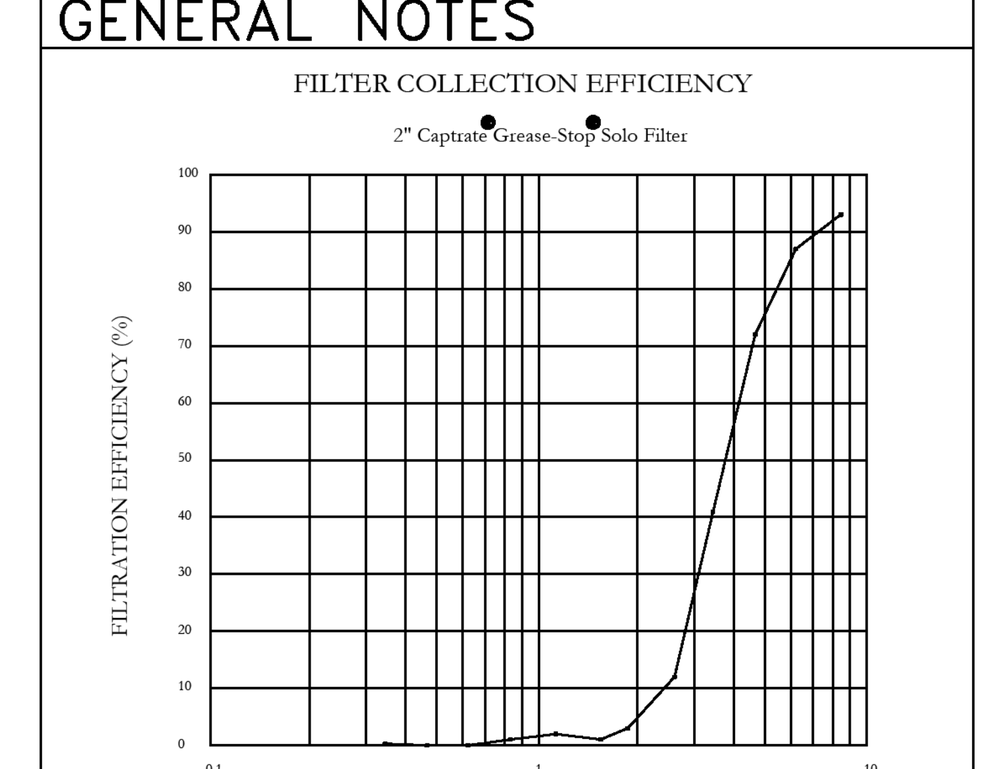
BALANCE

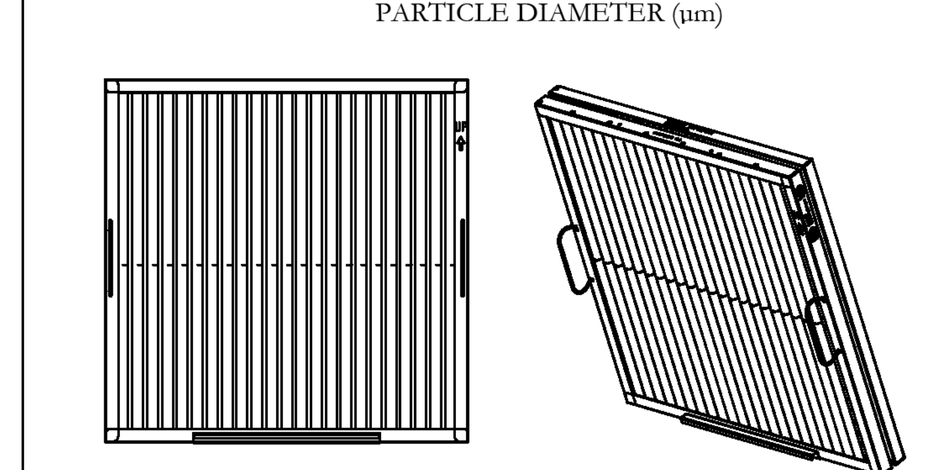
11. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

ADDITIONAL

14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES





CaptiveAire Captrate Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

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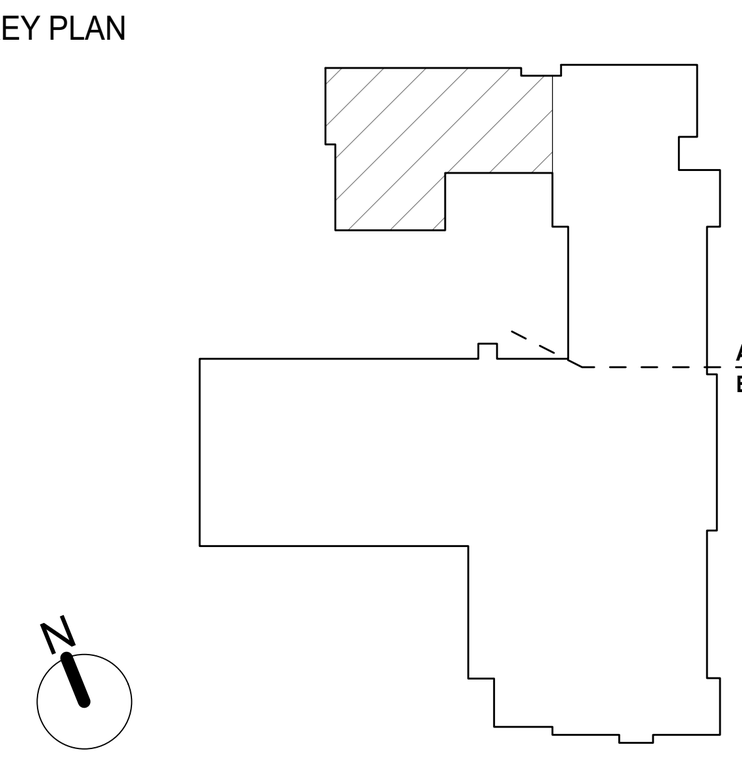

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE EXHAUST HOOD DETAILS

FS107

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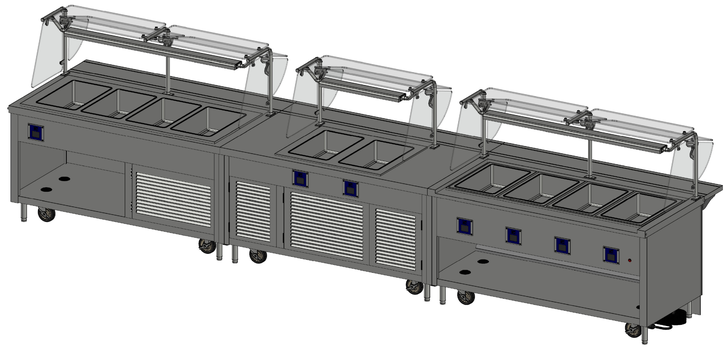
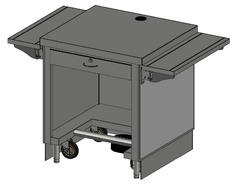
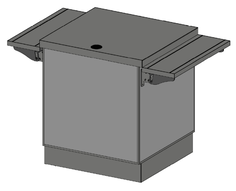
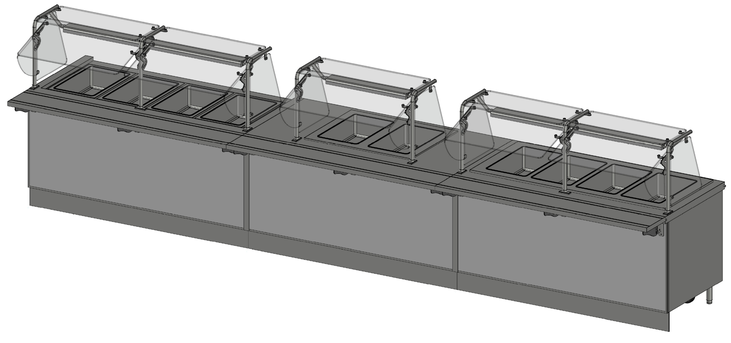




3D VIEWS





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STANDARD SERVING SYSTEM PRACTICES

SOLID SURFACE TOPS AND TRAY SLIDES

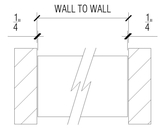
- ALL SOLID SURFACE TOPS AND TRAY SLIDES, WITH FIELD SEAMS, ***WILL SHIP LOOSE***. WHEN SPANNING MORE THAN ONE UNIT.
- SOLID SURFACE TOPS AND TRAY SLIDES SPECIFIC TO SINGLE UNIT WILL SHIP INSTALLED.
- SOLID SURFACE TOPS AND TRAY SLIDES REQUIRE A ***CERTIFIED*** INSTALLER, SPECIFIC TO THE BRAND, TO SEAM THE UNITS IN THE FIELD DURING PRODUCT INSTALLATION.

STAINLESS STEEL TOPS AND TRAY SLIDES

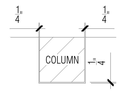
- THE MAXIMUM CONTINUOUS STAINLESS STEEL TOP LENGTH IS 144" [12'-0"], BEFORE REQUIRING A BOLTED OR WELDED FIELD JOINT.
- THE MAXIMUM CONTINUOUS STAINLESS STEEL TRAY SLIDE LENGTH IS 144" [12'-0"], BEFORE REQUIRING A BOLTED OR WELDED FIELD JOINT.
- BOLTED OR WELDED FIELD JOINTS ARE REQUIRED, AT ALL MITERED TRAY SLIDE CORNERS.

ALLOWANCE FOR FIELD CONDITIONS

- FACTORY TO ALLOW ¼" AT ALL WALLS, COLUMNS, AND PASS THROUGH WINDOWS FOR FIT. ***(SEE WALL TO WALL AND COLUMN EXAMPLES)***



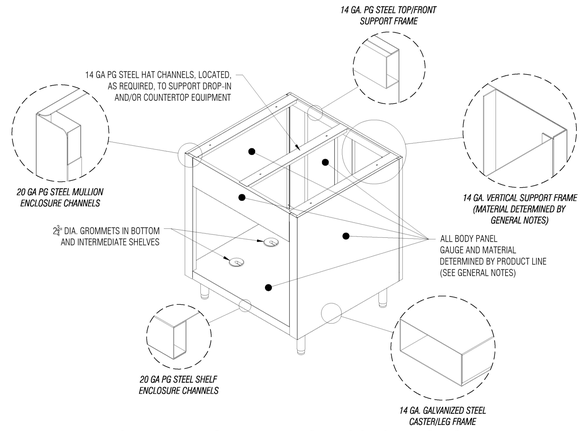
WALL TO WALL EXAMPLE



COLUMN EXAMPLE

ELECTRICAL

- ALL 15 AMP (NEMA #5-15R) AND 20 AMP (NEMA #5-20R) RECEPTACLES SHALL BE GFCI (GROUND FAULT CIRCUIT INTERRUPTER) TYPE RECEPTACLES PER DUKE MANUFACTURING STANDARD. ***UNLESS SPECIFICALLY NOTED OTHERWISE*** ON THE DRAWING. ***(SEE SYMBOL LEGEND)***



STANDARD CHANNEL BODY CONSTRUCTION

SYMBOL LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SIMPLEX RECEPTACLE		DUPLEX GFCI RECEPTACLE (NEMA 5-15R & 5-20R ONLY)		ELEC. CORD AND PLUG	
KICKPLATE LOCATION	K	LAMINATE LOCATION	L	DECOR PANEL LOCATION	DP
EQUIPMENT TAG	#	FIELD JOINT LOCATION	FJ	2¼" GROMMET LOCATION	
VIEW TAG	VIEW NUMBER / PAGE NUMBER — 1 PLAN, X SCALE — VIEW NAME / VIEW SCALE			COMPRESSOR WITH REMOVABLE GRILLE	
VIEW ARROWS	VIEW NUMBER / PAGE NUMBER				

SERVING LINE GENERAL SPECIFICATIONS

TOPS	14 GAUGE STAINLESS STEEL TOPS WITH LOCKING DEVICE UNDER BOTH ENDS OF COUNTER TOP
BODIES & INTERIORS	14 GAUGE FRAME/ SUPPORTS W/20 GAUGE STAINLESS STEEL BODIES; INTERIOR SHELVES- WHERE SHOWN, LAMINATE EXTERIOR AS INDICATED ON DRAWINGS
CASTERS & LEGS	5" DIAMETER CASTERS WITH GRAY POLYURETHANE TIRES; ALL SWIVEL & WITH BRAKES, (4) 5" ADJUSTABLE STAINLESS STEEL LEGS
KICKPLATES	HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING
TRAY SLIDES	16 GAUGE STAINLESS STEEL SOLID TRAY SLIDES WITH (2) DIE FORMED RUBBING TRACKS ON 10 GAUGE STAINLESS STEEL FIXED BRACKETS, TRAY SLIDE INTERLOCKING SYSTEM (MOUNTED AT 28", 32", 34")
HOT FOOD DRAINS	DRAIN MANIFOLD WITH COPPER TUBING TO BRASS MASTER VALVE; EXTEND MASTER VALVE FORWARD; TO INCLUDE HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE, DRAIN LINE EXTENDED THROUGH CABINET BASE. RECESSED TOP FOR SHEET PANS
COLD FOOD DRAINS	DRAIN EXTENSION TO GLOBE VALVE WITH HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE; DRAIN LINE EXTENDED THROUGH CABINET BASE

BREATHGUARDS

SHELVES & FRAMES	STAINLESS STEEL SHELF FRAMES WITH 3/8" TEMPERED GLASS SHELVES
END STANCHIONS & FRAME	STAINLESS STEEL
GUARDS	3/8" WITH TEMPERED GLASS PROTECTOR PANELS
END ENCLOSURES	1/4" TEMPERED GLASS END ENCLOSURES
LIGHTS	LED LIGHTS UNDER EACH SHELF, WIRED TO ROCKER SWITCH ON OPERATOR'S SIDE OF CABINET

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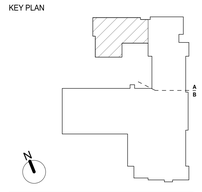

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

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THE FOLLOWING MUST BE VERIFIED PRIOR TO CONSTRUCTION

- ANY DECOR COLOR CHOICES INCLUDING LAMINATE, PAINT COLOR, OR CUSTOM DECOR FEATURES, IF APPLICABLE
- ALL ELECTRICAL VOLTAGE AND PHASE OF DUKE HOT FOOD UNITS AND BUYOUT EQUIPMENT IF APPLICABLE
- ALL CRITICAL FIELD DIMENSION IF ANY AS INDICATED IN PLAN VIEW.

THURMADUKE SERVING SYSTEMS

TOPS
14 GA. STAINLESS STEEL TOPS.

BODIES & INTERIORS
14 GA. FRAME/SUPPORTS W/20 GA. STAINLESS STEEL ENCLOSURE CHANNELS, BODY PANELS AND INTERIOR SHELVES W/ LAMINATE VENEER EXTERIOR WHERE INDICATED.

- REMOVABLE STEEL PANEL WITH STAINLESS STEEL TRIM ON FRONT
- NOTE: BODY PILASTERS

*****LAMINATE GRAIN (IF ANY) RUNS HORIZONTAL*****

*LAMINATE BRAND:..... VERIFY *LAMINATE ID NUMBER:..... VERIFY *LAMINATE COLOR NAME:..... VERIFY

LEGS & CASTERS
6" HIGH, STAINLESS STEEL TUBULAR LEGS W/ ADJUSTABLE FEET. AND 5"Ø CASTERS WITH GRAY POLYURETHANE TIRES. ALL SWIVEL WITH BRAKES.

KICKPLATES
HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED/INDICATED BY SCHEDULE TO 1/2" ABOVE THE FINISHED FLOOR
****ADJUSTABLE WITH PILASTERS**** CONTINUOUS KICKPLATES TO MINIMIZE JOINTS

TRAYSLIDES ITEM# 107
16 GA. STAINLESS STEEL SOLID TRAY SLIDES 10" WIDE WITH (2) DIE FORMED RUBBING TRACKS ON 10 GA. STAINLESS STEEL FIXED BRACKETS.
WITH 2" TURN UP AT REAR.

TRAYSLIDES ITEMS# 101, 103 & 105
16 GA. STAINLESS STEEL SOLID TRAY SLIDES 10" WIDE WITH (2) DIE FORMED RUBBING TRACKS ON 10 GA. STAINLESS STEEL FIXED BRACKETS.

FLUSH COLD PAN DRAINS
DRAIN ROUTED TO CONDENSATE EVAPORATOR.

BREATHGUARDS (TS400 Series)
1" DIA. STAINLESS STEEL TUBING LEGS. CLEAR GLASS SHELVES, PROTECTORS & END ENCLOSURES.

*****BREATH GUARD POSTS ARE NOT TO BE USED AS PUSH HANDLES. DUKE MANUFACTURING DOES NOT ACCEPT RESPONSIBILITY FOR FOOD SHIELDS COMING LOOSE IN THE FIELD DUE TO MISUSE.*****

CONSULTANT

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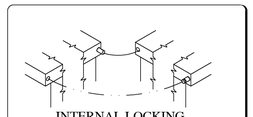
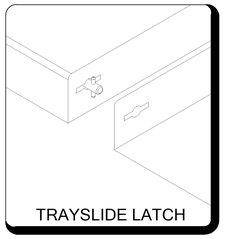
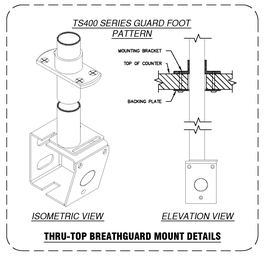


INTERNAL LOCKING DEVICE DETAIL
(UNITS ON LEGS DO NOT MEET NSF STANDARDS)



TRAYSLIDE LATCH



THRU-TOP BREATHGUARD MOUNT DETAILS

DUKE EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA #'s Intl. Conn. / Final Conn.	Cord length	
101	1	TST-74SS	SOLID TOP UNIT (MODIFIED LENGTH) RECESSED TOP *WIRE CHASE ICB-A FINAL CORD*			-	-	NEMA#	Cord	Gas Type
								14-20P	8'	-
101.1	1	WW-4-208	DROP-IN WATERLESS HOT FOOD WELL	208	1	2000	9.6	NEMA#	Cord	Gas Type
								6-20P(4)	6'	-
102	1	TS422-74	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
ICB-A	1	ICB	WIRE CHASE ICB MOUNTED IN ITEM#101	-	-	-	-	N/A	N/A	Gas Type
								-	-	N/A
103	1	TST-74SS	SOLID TOP UNIT *MODIFIED LENGTH*			-	-	NEMA#	Cord	Gas Type
								-	-	-
103.1	1	HCF-2	HOT/COLD/FREEZE SEALED WELLS WITHOUT DRAINS	120	1		10.7	NEMA#	Cord	Gas Type
								5-15P	10'	-
104	1	TS422-46	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
105	1	TST-74SS	SOLID TOP UNIT *MODIFIED LENGTH*			-	-	NEMA#	Cord	Gas Type
								-	-	-
105.1	1	FCP4-SB	DROP-IN FLUSHMOUNT COLD PAN WITH CONDENSATE EVAPORATOR	120	1		9.4	NEMA#	Cord	Gas Type
								5-15P	10'	-
106	1	TS422-74	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
107	1	TCS-30SS	CASHIER UNIT	120	1	1800	15	NEMA#	Cord	Gas Type
				120	1	1800	15	5-20P	6'	-

DUKE EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA #'s Intl. Conn. / Final Conn.	Cord Length	

BUY-OUT EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA#	Provided By	Installed By
#	-	-	-	-	-	-	-	-	-	-

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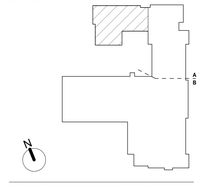

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

FS109

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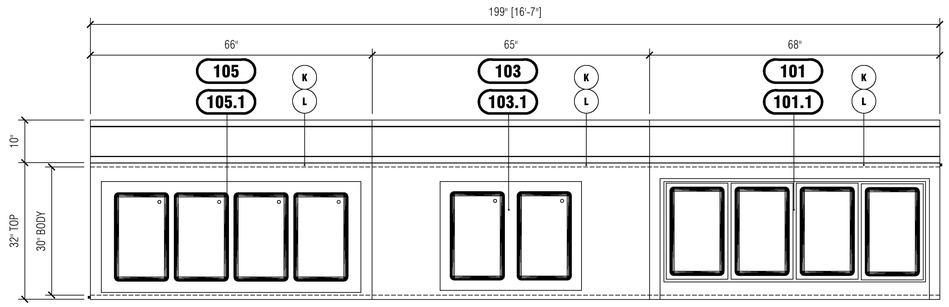
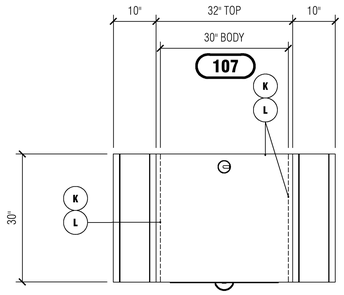
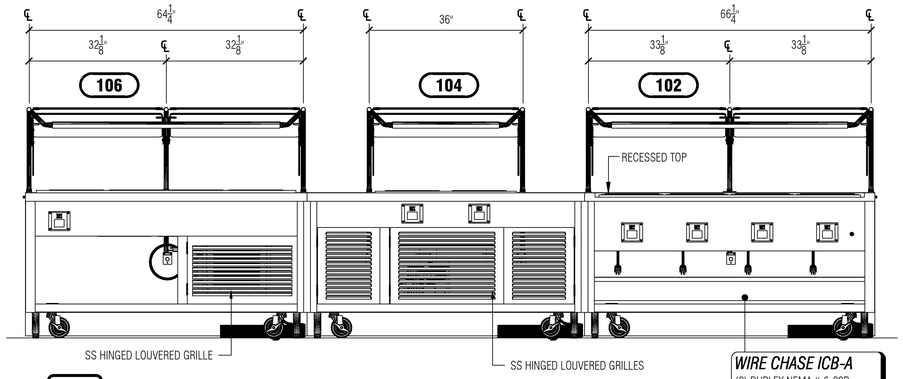


1 / 3 PLAN VIEW
3/8" = 1'-0"

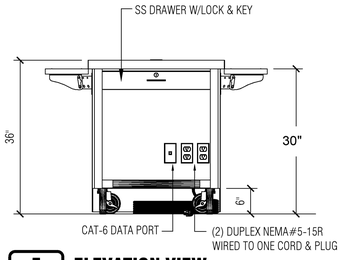


4 / 3 PLAN VIEW
3/8" = 1'-0"

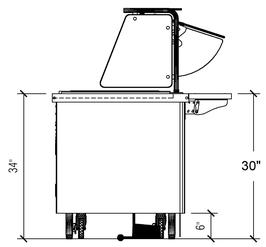
NOTE:
SNEEZE GUARDS NOT SHOWN IN PLAN VIEW



2 / 3 ELEVATION VIEW
3/8" = 1'-0"



5 / 3 ELEVATION VIEW
3/8" = 1'-0"



3 / 3 END VIEW
3/8" = 1'-0"

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

PUBLIC SCHOOLS OF THE TARRYTOWNS

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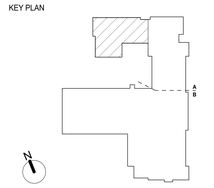

PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

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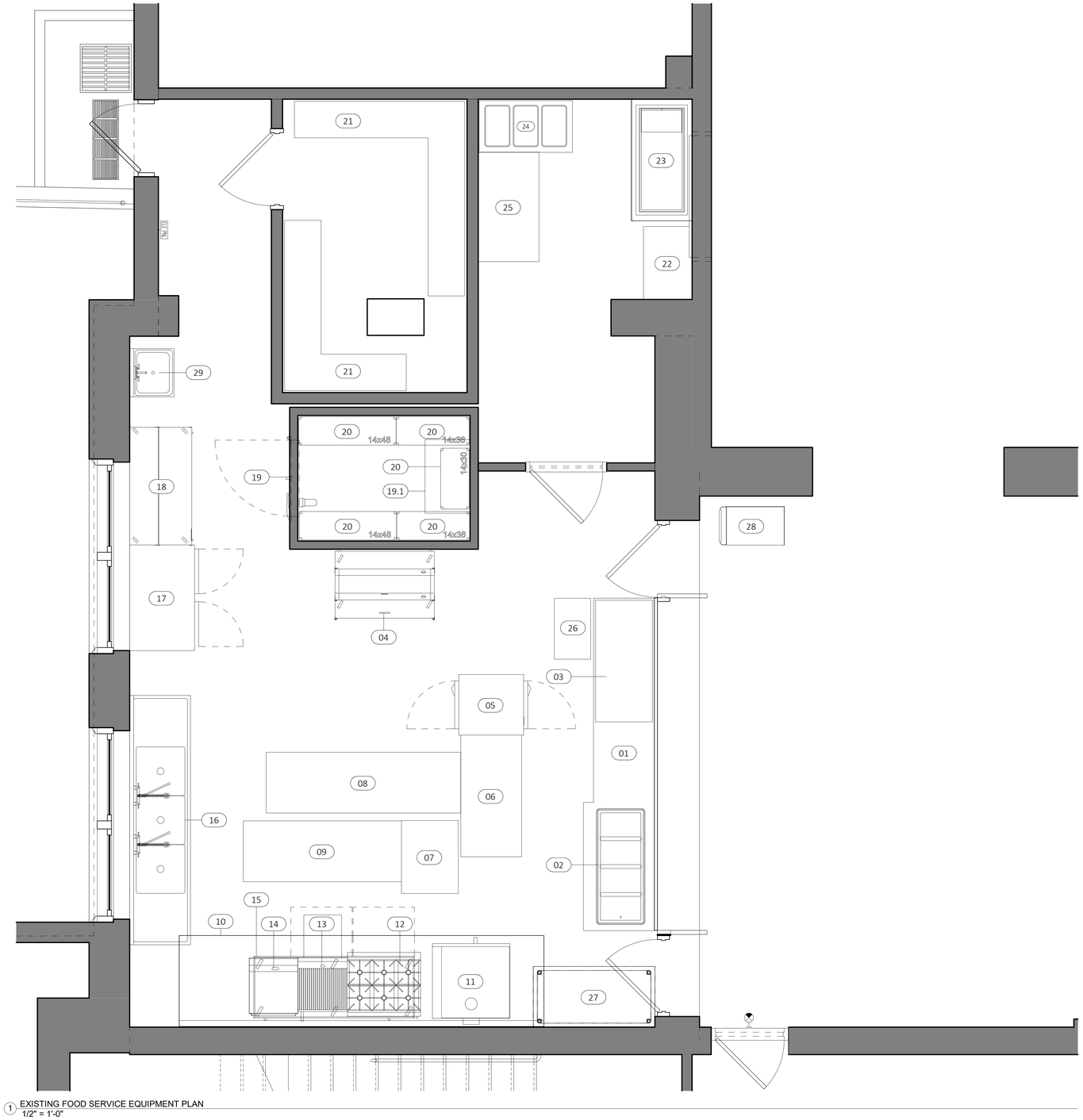

1 EXISTING FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EXISTING EQUIPMENT SCHEDULE			
NO.	QTY.	CATEGORY	REMARKS
01	1	SERVING COUNTER	REMOVE
02	1	HOT FOOD STATION	REMOVE
03	1	COLD FOOD STATION	REMOVE
04	1	MILK COOLER	SALVAGE
05	1	PASS THRU REFRIGERATOR	SALVAGE
06	1	WORK TABLE	REMOVE
07	1	HEATED CABINET	SALVAGE
08	1	WORK TABLE	REMOVE
09	1	WORK TABLE	REMOVE
10	1	EXHAUST HOOD	REMOVE
11	1	CONVECTION OVEN	REMOVE
12	1	RANGE	SALVAGE
13	1	CHARBROILER	SALVAGE
14	1	GRIDDLE	SALVAGE
15	1	REFRIGERATED EQUIPMENT STAND	REMOVE
16	1	THREE COMPARTMENT SINK	REMOVE
17	1	REACH-IN FREEZER	SALVAGE
18	1	MILK COOLER	REMOVE
19	1	WALK-IN COOLER	REMOVE
19.1	1	WALK-IN COOLER EVAPORATOR	REMOVE
20	5	WALK-IN COOLER SHELVING	REMOVE
21	2	DRY STORAGE SHELVING	REMOVE
22	1	WORK TABLE	REMOVE
23	1	COLD WELL	REMOVE
24	1	HOT WELL	SALVAGE
25	1	BAKERS TABLE	SALVAGE
26	1	UTILITY CART	REMOVE
27	1	EQUIPMENT STAND	REMOVE
28	1	MOBILE CASHIER STAND	SALVAGE
29	1	HAND SINK	REMOVE

RELOCATE,SALVAGE OR REMOVE ALL EXISTING FOODSERVICE EQUIPMENT

"RELOCATE" = RELOCATE EQUIPMENT PER THE PLANS AND SPECIFICATIONS

"SALVAGE" = TURN OVER THE EQUIPMENT TO THE OWNER AND DELIVER TO DESIGNATED LOCATION

"REMOVE" = REMOVE AND DISPOSE OF THE EQUIPMENT

WALK-IN COOLER/FREEZER DEMO NOTE

**THE FSEC IS RESPONSIBLE TO VERIFY LOCATION OF EXISTING CONDENSERS AND REMOVE THE WALK-IN REFRIGERATION SYSTEMS, PIPING, DRAIN LINES AND ALL ASSOCIATED REFRIGERATION ITEMS, AND DISPOSE OF ACCORDING TO LOCAL REGULATIONS.

THE FSEC IS REPONSIBLE TO PUMP DOWN AND PROPERLY RECOVER THE EXISTING REFRIGERANT FROM ANY SYSTEMS PRIOR TO DEMO. PROOF OF PROPER RECOVERYAND DISPOSAL WILL BE REQUIRED.**

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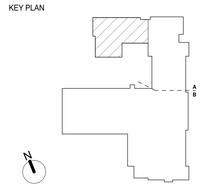

PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

FOOD SERVICE EXISTING EQUIPMENT PLAN

FS100

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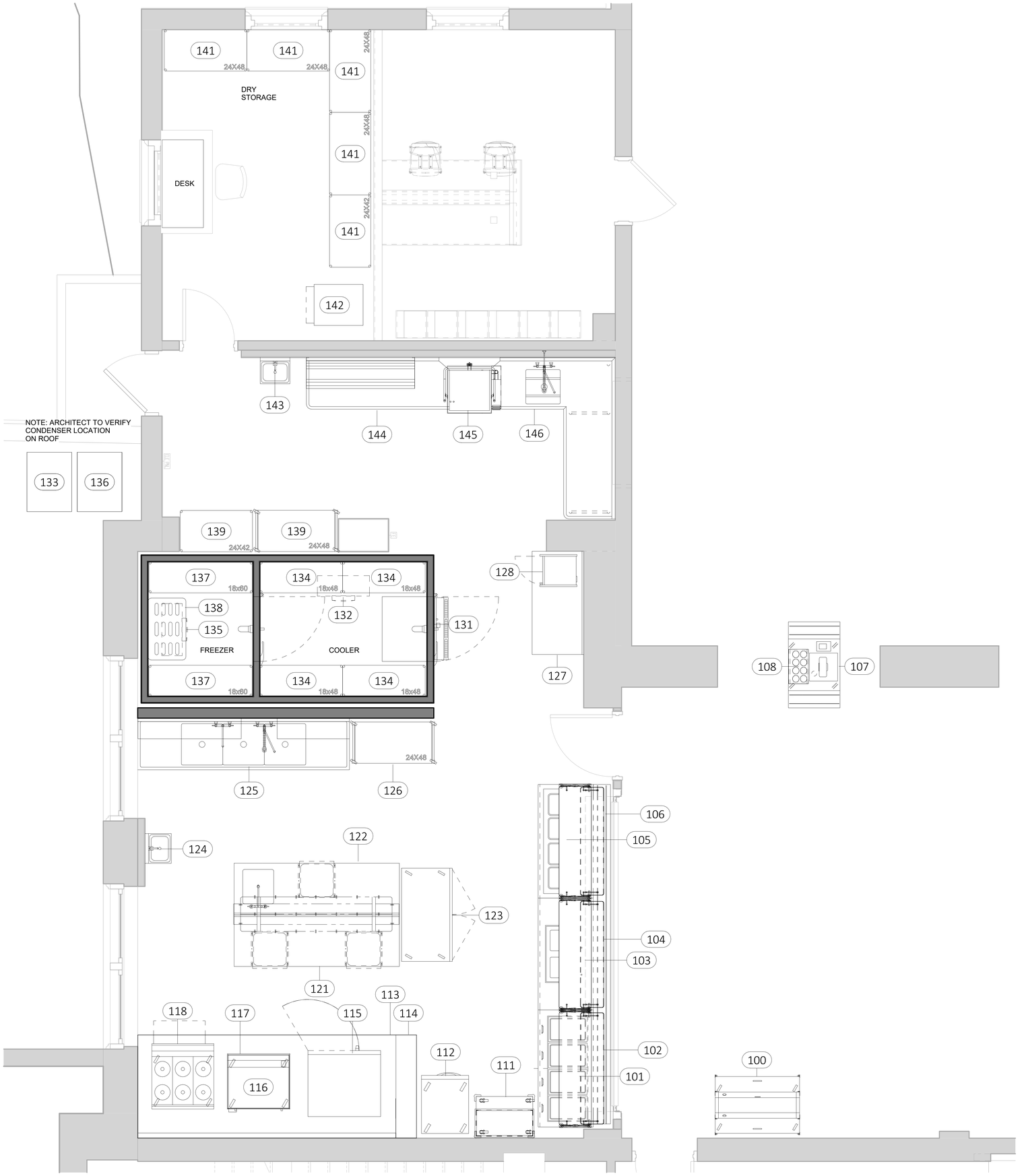

1 FOOD SERVICE EQUIPMENT PLAN
1/2" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	QTY.	CATEGORY	REMARKS
100	1	MILK COOLER	NEW
101	1	HOT FOOD STATION	NEW
102	1	BREATH GUARD	NEW
103	1	HOT/COLD FOOD STATION	NEW
104	1	BREATH GUARD	NEW
105	1	COLD FOOD STATION	NEW
106	1	BREATH GUARD	NEW
107	1	CASHIER STAND	NEW
108	1	SILVERWARE DISPENSER	NEW
109	1	SPARE NUMBER	SPARE
110	1	SPARE NUMBER	SPARE
111	1	TRAY CART	NEW
112	1	HEATED CABINET	NEW
113	1	EXHAUST HOOD	NEW
114	1	FIRE SUPPRESSION SYSTEM	NEW
115	1	DOUBLE COMBI OVEN	NEW
116	1	GRIDDLE	NEW
117	1	REFRIGERATED EQUIPMENT STAND	NEW
118	1	RANGE	NEW
119	1	SPARE NUMBER	SPARE
120	1	SPARE NUMBER	SPARE
121	1	WORK TABLE	NEW
122	1	PREP TABLE	NEW
123	1	REACH-IN REFRIGERATOR	NEW
124	1	HAND SINK	NEW
125	1	THREE COMPARTMENT SINK	NEW
126	1	POT & PAN RACK	NEW
127	1	WORK TABLE	NEW
128	1	MICROWAVE	NEW
129	1	SPARE NUMBER	SPARE
130	1	SPARE NUMBER	SPARE
131	1	WALK-IN COOLER/FREEZER	NEW
132	1	WALK-IN COOLER EVAPORATOR	NEW
133	1	WALK-IN COOLER CONDENSER	NEW
134	4	WALK-IN COOLER SHELVING	NEW
135	1	WALK-IN FREEZER EVAPORATOR	NEW
136	1	WALK-IN FREEZER CONDENSER	NEW
137	2	WALK-IN FREEZER SHELVING	NEW
138	1	WALK-IN FREEZER DUNNAGE RACK	NEW
139	2	POT & PAN RACK	NEW
140	1	SPARE NUMBER	SPARE
141	5	DRY STORAGE SHELVING	NEW
142	1	ICE MACHINE	NEW
143	1	HAND SINK	NEW
144	1	CLEAN DISH TABLE	NEW
145	1	DISHWASHER	NEW
146	1	SOILED DISHTABLE	NEW

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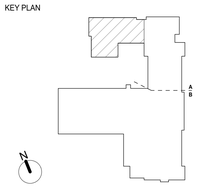

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MEMASI PROJECT NO. 101-2403

FOOD SERVICE EQUIPMENT PLAN

FS101

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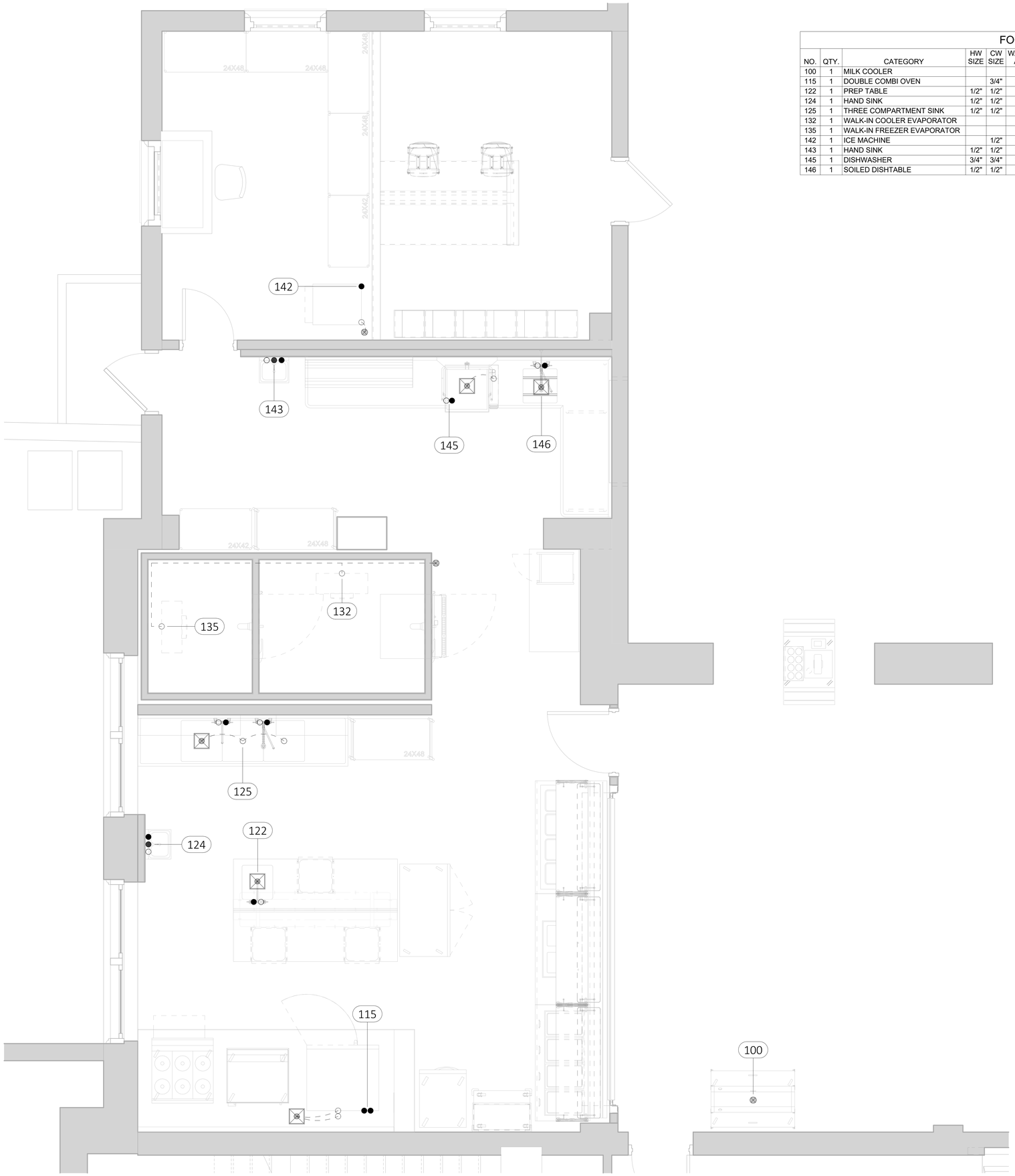

1 FOOD SERVICE PLUMBING PLAN
1/2" = 1'-0"

FOOD SERVICE PLUMBING SCHEDULE

NO.	QTY.	CATEGORY	HW SIZE	CW SIZE	WATER AFF	DW SIZE	DW AFF	IW SIZE	REMARKS
100	1	MILK COOLER						3/4"	IW TO FLOOR DRAIN
115	1	DOUBLE COMBI OVEN		3/4"	24"			2"	(2) CW CONNECTIONS TO WATER FILTER THEN COMBI OVEN; (2) IW TO FLOOR SINK
122	1	PREP TABLE	1/2"	1/2"	4"			2"	STUB UP FROM FLOOR, IW TO FLOOR SINK
124	1	HAND SINK	1/2"	1/2"	24"	1 1/2"	24		4" OC
125	1	THREE COMPARTMENT SINK	1/2"	1/2"	24"			2"	(2) HW/CW CONNECTIONS; IW TO FLOOR SINK
132	1	WALK-IN COOLER EVAPORATOR						3/4"	IW TO FLOOR DRAIN
135	1	WALK-IN FREEZER EVAPORATOR						3/4"	IW TO FLOOR DRAIN
142	1	ICE MACHINE		1/2"	24"			3/4"	IW TO FLOOR DRAIN
143	1	HAND SINK	1/2"	1/2"	24"	1 1/2"	24		4" OC
145	1	DISHWASHER	3/4"	3/4"	24"			1 1/2"	IW TO FLOOR SINK
146	1	SOILED DISHTABLE	1/2"	1/2"	24"			2"	IW TO FLOOR SINK

PLUMBING LEGEND

ABBR.	DESCRIPTION	SYMBOL
CW	COLD WATER	●
HW	HOT WATER	○
W	DIRECT WASTE	●
IW	INDIRECT WASTE	○
FD	FLOOR DRAIN	⊗
FS	FLOOR SINK	▣
	GAS CONNECTION LP/NG	
ACH	ABOVE COUNTER HEIGHT	
AFF	ABOVE FINISHED FLOOR	
BFF	BELOW FINISHED FLOOR	
MBTUH	THOUSAND BTU PER HOUR	

GENERAL PLUMBING NOTES

THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS

1. ALL CONNECTIONS SHOWN ARE RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. GENERAL WATER PRESSURE IN KITCHEN AREA NOT TO EXCEED 50 PSI.
3. P.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
4. F.S.P.C. TO SUPPLY AND INSTALL ALL FIXTURES AND FAUCETS AS SPECIFIED IN EQUIPMENT SPECIFICATIONS. PLUMBING CONTRACTOR SHALL CONNECT ALL PLUMBING COMPONENTS TO MAKE FINAL CONNECTIONS.
5. FAUCETS, WATER FILTERS, GATE VALVES, WATER HAMMER ARRESTORS, BACK FLOW PREVENTORS, PRESSURE REDUCING VALVES, AND ANY OTHER SPECIFIED PLUMBING COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE PLUMBING CONTRACTOR.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. PLUMBING CONTRACTOR TO FURNISH AND INSTALL GAS SHUT OFF VALVES AS REQUIRED AT POINT OF CONNECTION WITH EQUIPMENT.
8. GENERAL GAS PRESSURE IN KITCHEN TO BE VERIFIED BY THE PLUMBING CONTRACTOR. VERIFY PRESSURE WITH F.S.E.C. TO RELATED EQUIPMENT.
9. PLUMBING CONTRACTOR IS REQUIRED TO MOUNT AND INSTALL ALL GAS REGULATORS, GAS PRESSURE REDUCING VALVES, AND GAS HOSES SUPPLIED BY THE F.S.E.C. UNLESS OTHERWISE NOTED.
10. PLUMBING CONTRACTOR TO VERIFY THAT ALL FLOOR SINKS, FLOOR DRAINS, AND WASTES CONFORM TO LOCAL CODES.
11. DIRECT ALL INDIRECT WASTE TO FLOOR SINKS OR DRAINS AS REQUIRED BY LOCAL CODES.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST SYSTEMS FOR PROPER OPERATION.
13. F.S.E.C. TO PROVIDE AND INSTALL DRAIN LINES FROM EVAPORATOR TO FLOOR DRAIN PROVIDED BY PLUMBING CONTRACTOR.
14. PLUMBING CONTRACTOR TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM PROVIDED BY F.S.E.C.

*REFER TO ARCHITECT'S PLUMBING DRAWINGS FOR ADDITIONAL BUILDING PLUMBING REQUIREMENTS.

VERIFICATION NOTE

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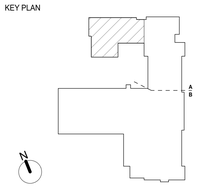

PROJECT NO. 66-04-01-03-0-002-017
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FOOD SERVICE PLUMBING PLAN

FS102

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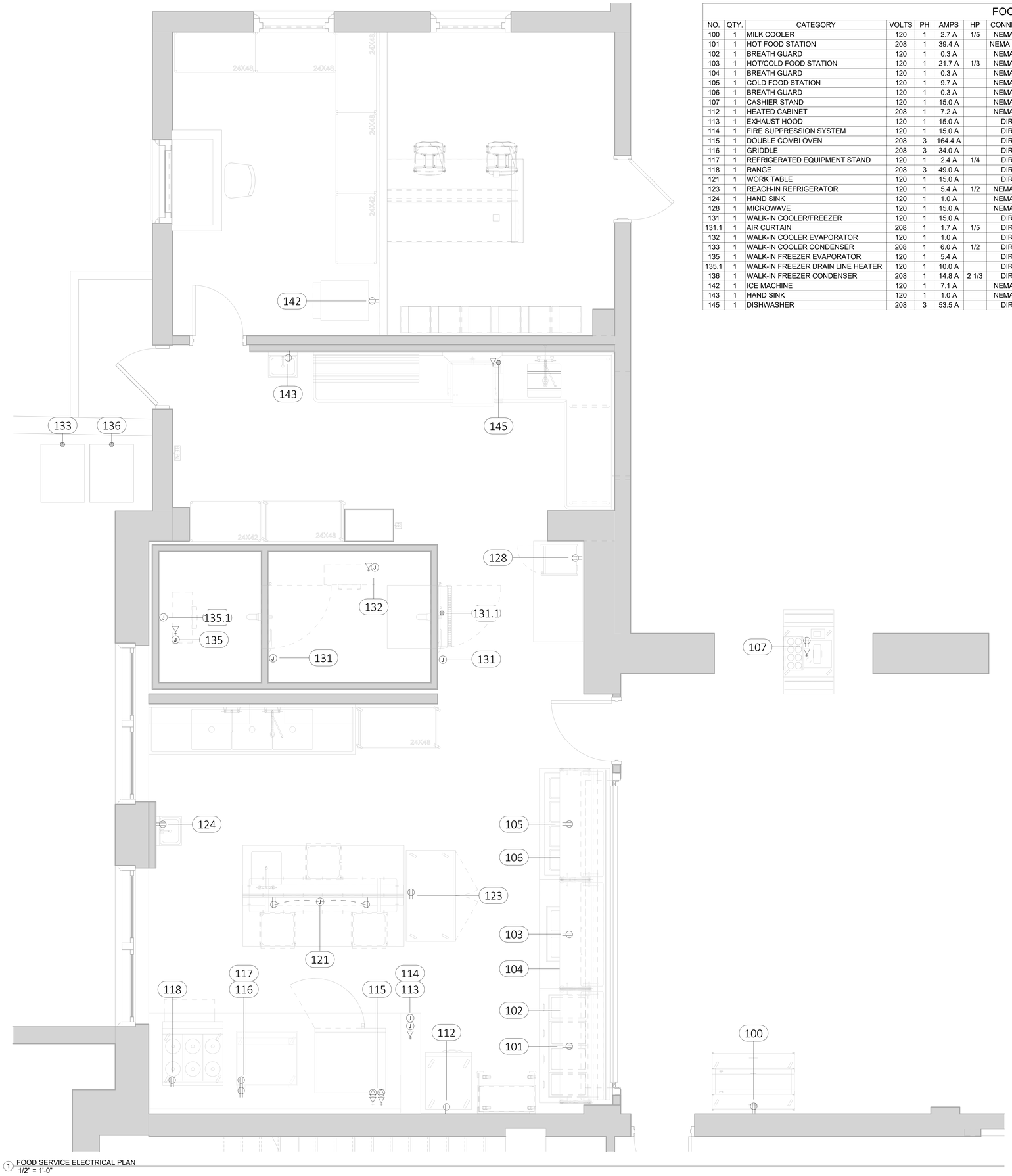

1 FOOD SERVICE ELECTRICAL PLAN
1/2" = 1'-0"

FOOD SERVICE ELECTRICAL SCHEDULE

NO.	QTY.	CATEGORY	VOLTS	PH	AMPS	HP	CONNECTION	AFF	REMARKS
100	1	MILK COOLER	120	1	2.7 A	1/5	NEMA 5-15P	36"	
101	1	HOT FOOD STATION	208	1	39.4 A		NEMA L14-20P	4"	120/208 REQUIRED, (4) CONNECTIONS 9.85A EACH; STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
102	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #101
103	1	HOT/COLD FOOD STATION	120	1	21.7 A	1/3	NEMA 5-15P	4"	(2) CONNECTIONS REQUIRED 10.85A EACH; STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
104	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #103
105	1	COLD FOOD STATION	120	1	9.7 A		NEMA 5-15P	4"	STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY
106	1	BREATH GUARD	120	1	0.3 A		NEMA 5-15P		CONNECT THROUGH #105
107	1	CASHIER STAND	120	1	15.0 A		NEMA 5-15P	4"	STUB UP FROM FLOOR WITH OUTLET BOX MOUNTED HORIZONTALLY; DATA CONNECTION REQUIRED
112	1	HEATED CABINET	208	1	7.2 A		NEMA 6-15P	36"	
113	1	EXHAUST HOOD	120	1	15.0 A		DIRECT	DFA	DATA CONNECTION REQUIRED; SEE EXHAUST HOOD DRAWINGS FOR DETAILS
114	1	FIRE SUPPRESSION SYSTEM	120	1	15.0 A		DIRECT	DFA	SEE EXHAUST HOOD DRAWINGS FOR DETAILS
115	1	DOUBLE COMBI OVEN	208	3	164.4 A		DIRECT	36"	208/240 REQUIRED, (2) CONNECTIONS PER UNIT 62.2A EACH; DATA CONNECTION REQUIRED
116	1	GRIDDLE	208	3	34.0 A		DIRECT	36"	
117	1	REFRIGERATED EQUIPMENT STAND	120	1	2.4 A	1/4	DIRECT	36"	
118	1	RANGE	208	3	49.0 A		DIRECT	36"	
121	1	WORK TABLE	120	1	15.0 A		DIRECT	4"	STUB UP FROM FLOOR
123	1	REACH-IN REFRIGERATOR	120	1	5.4 A	1/2	NEMA-5-15P	DFA	
124	1	HAND SINK	120	1	1.0 A		NEMA 5-15P	18"	
128	1	MICROWAVE	120	1	15.0 A		NEMA 5-15P	36"	
131	1	WALK-IN COOLER/FREEZER	120	1	15.0 A		DIRECT	DFA	DATA CONNECTION REQUIRED; SEE WALK-IN DRAWINGS FOR DETAILS
131.1	1	AIR CURTAIN	208	1	1.7 A	1/5	DIRECT	DFA	
132	1	WALK-IN COOLER EVAPORATOR	120	1	1.0 A		DIRECT	DFA	SEE WALK-IN DRAWINGS FOR DETAILS
133	1	WALK-IN COOLER CONDENSER	208	1	6.0 A	1/2	DIRECT		SEE WALK-IN DRAWINGS FOR DETAILS
135	1	WALK-IN FREEZER EVAPORATOR	120	1	5.4 A		DIRECT	DFA	SEE WALK-IN DRAWINGS FOR DETAILS
135.1	1	WALK-IN FREEZER DRAIN LINE HEATER	120	1	10.0 A		DIRECT	DFA	
136	1	WALK-IN FREEZER CONDENSER	208	1	14.8 A	2 1/3	DIRECT		SEE WALK-IN DRAWINGS FOR DETAILS
142	1	ICE MACHINE	120	1	7.1 A		NEMA 5-15P	36"	
143	1	HAND SINK	120	1	1.0 A		NEMA 5-15P	18"	
145	1	DISHWASHER	208	3	53.5 A		DIRECT	12"	208-240V REQUIRED; DATA CONNECTION REQUIRED

ELECTRICAL LEGEND

ABBR.	DESCRIPTION	SYMBOL
DIRECT	ELECTRICAL CONNECTION	
DR	DUPLEX RECEPTACLE	
SR1	SINGLE RECEPTACLE (120V)	
SR2	SINGLE RECEPTACLE (208V)	
	FIRE SUPPRESSION PULL BOX	
JB	JUNCTION BOX	
SW	SWITCH	
E	UDS ELECTRICAL	
FS	UDS FIRE FUEL SHUT-OFF	
F	HOOD FAN CONTROL	
L	HOOD LIGHT CONTROL	
POS	CAT5 DATA CABLE	
V	VOLTAGE	
PH	PHASE	
KW	KILOWATTS	
HP	HORSEPOWER	
A	AMPERE	
AFF	ABOVE FINISHED FLOOR	
DFA	DOWN FROM ABOVE	

GENERAL ELECTRICAL NOTES

"THE FOLLOWING NOTES ARE TYPICAL. SEE SPECIFICATIONS FOR PROJECT SPECIFIC DETAILS"

1. ALL CONNECTIONS SHOW RELATIVE TO FOOD SERVICE EQUIPMENT ONLY.
2. E.C. SHALL PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT.
3. E.C. TO BRANCH CONNECTIONS AS REQUIRED.
4. F.S.E.C. TO SUPPLY ALL FIXTURES AND COMPONENTS SPECIFIED IN EQUIPMENT SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT ALL ELECTRICAL COMPONENTS TO MAKE FINAL CONNECTIONS UNLESS OTHERWISE NOTED.
5. SWITCHES, STARTERS, LOCK-OUT DEVICES, DISCONNECTS, AND ANY OTHER REQUIRED ELECTRICAL COMPONENTS, WILL BE MOUNTED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL MEET ALL O.S.H.A. AND CODE REQUIREMENTS.
6. DO NOT RUN ANY EXPOSED LINES WHERE POSSIBLE.
7. ALL MAIN BREAKER PANELS, DISCONNECT SWITCHES, RECEPTACLES, AND RECEPTACLE COVER PLATES ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR IS TO PROVIDE AND PERFORM WIRING BETWEEN THE FIRE SUPPRESSION SYSTEM, MICRO-SWITCHES, COOKING EQUIPMENT, AND BUILDING'S FIRE ALARM SYSTEM. SHUNT TRIP CIRCUITRY WILL BE REQUIRED TO SHUT DOWN COOK LINE IF AN EMERGENCY.
9. F.S.E.C. IS TO PROVIDE AND INSTALL ALL DRAIN LINE HEATER CABLE ON WALK-IN FREEZER DRAIN LINES.
10. F.S.E.C. IS RESPONSIBLE TO INSTALL AND MAKE ELECTRICAL CONNECTIONS FOR ANY ADDITIONAL LIGHTING, TIME CLOCKS, OR OTHER ELECTRICAL ACCESSORIES SPECIFIED FOR THE WALK-IN UNITS.
11. F.S.E.C. TO PROVIDE ELECTRICAL SERVICE FOR THE WALK-IN DOOR HEATERS, LIGHTS, EVAPORATORS AND CONDENSERS, AND PROVIDE ELECTRICAL DISCONNECTS AT CONDENSERS.
12. THE F.S.E.C. SHALL PROVIDE PRE-ASSEMBLED REMOTE REFRIGERATION COMPONENTS AS REQUIRED BY THE EQUIPMENT SPECIFICATIONS. F.S.E.C. TO INSTALL, CONNECT, CHARGE REFRIGERATION LINES AND SYSTEMS, AND RUN AND TEST FOR PROPER OPERATION.
13. VERIFY FINAL EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION. REVISIONS TO EQUIPMENT MAY AFFECT THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK OR MATERIAL REQUIREMENTS.

*REFER TO ARCHITECT'S ELECTRICAL DRAWINGS FOR ADDITIONAL BUILDING ELECTRICAL REQUIREMENTS.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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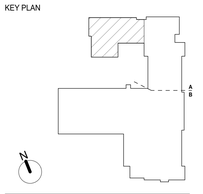
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/26

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE ELECTRICAL PLAN

FS103

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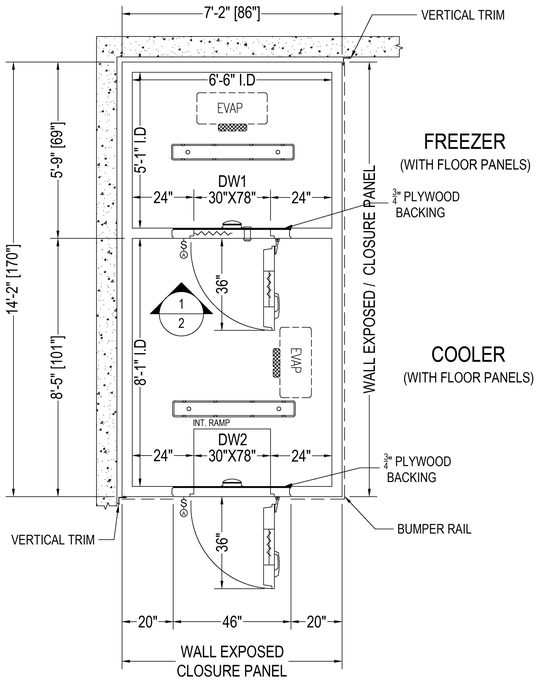
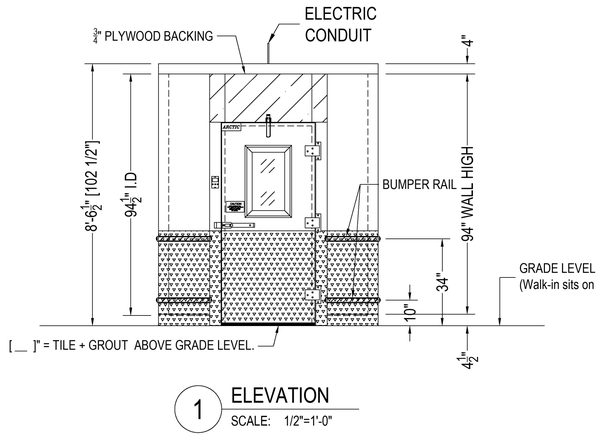
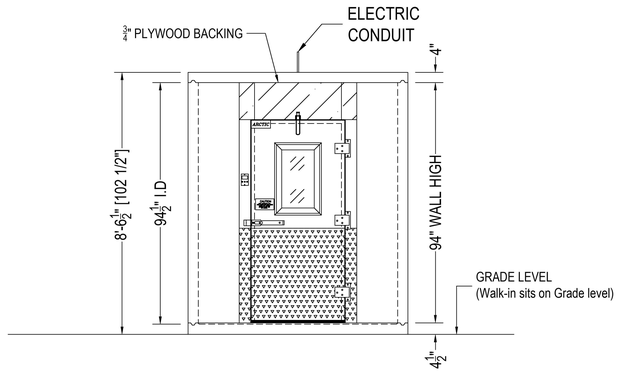


1 PLAN VIEW
SCALE: 1/2"=1'-0"

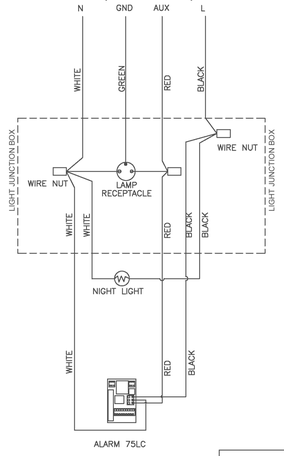


1 ELEVATION
SCALE: 1/2"=1'-0"



2 ELEVATION
SCALE: 1/2"=1'-0"

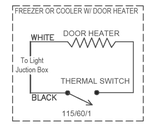
Field Connection
120V / 60V / 1PH
15 Amp Circuit Required

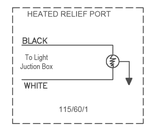


This is a 120VAC, 15 amp circuit auxiliary lights max combined draw 10 amps	
Manufacturer	**Model**
Keil (Component Hardware)	LED48X754
Kason	1802, 1802NL,1803, 1804, 1806, 1807, 1808,
	1808NM, 1808FM, 1809, 1810EZ Series,
	1810LX, 1810LC, 1820
MaxLite	LSV Series, JJ Series
Osram Sylvania	30099 Series
Various	UL Listed 120VAC, no greater than 60 watts

ADDITIONAL CONNECTIONS

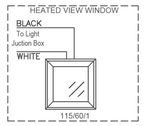
FREEZER

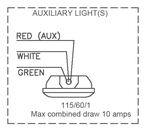




NOTE: Door Heater, Thermal Switch and Heated Relief Port included on Freezers only.
Door Heater and Thermal Switch optional on Coolers

OPTIONAL





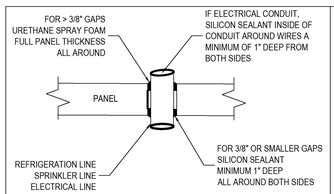
NOTE: If Auxiliary Lights are not powered from the Door Circuit, the Red Aux Wire from the Door Circuit must be capped off or removed by Qualified Electrician

ELECTRICIAN MUST PROVIDE SEAL-OFFS ON THE WARM SIDE OF ALL INCOMING CONDUIT LINES TO PREVENT CONDENSATION FROM FORMING INSIDE THE CONDUIT.
(SEE DETAILS PAGE)

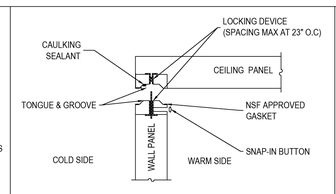
SINGLE POLE WIRING DIAGRAM FOR A/V ALARM 75LC

NOTE: DOOR MUST BE DISCONNECTED FROM ELECTRICAL SUPPLY FOR INSTALLATION AND ADJUSTMENTS.
NOTE: CONDUIT PENETRATIONS MUST BE SEALED INTERNALLY AND EXTERNALLY WHERE THEY ENTER THE WALK-IN BOX. 6 TO 5

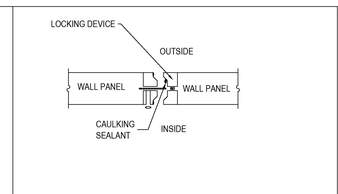
Update:10/17/25



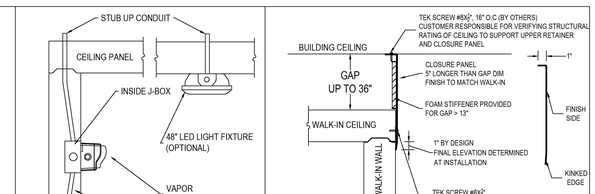
PENETRATION 1



WALL PANEL TO CEILING CONNECTION 2

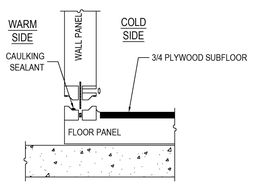


WALL TO WALL CONNECTION 3

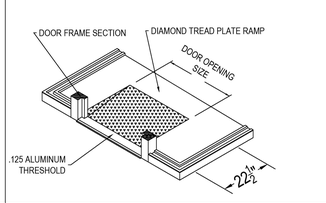


DOOR DETAIL STUB UP CONDUIT 7

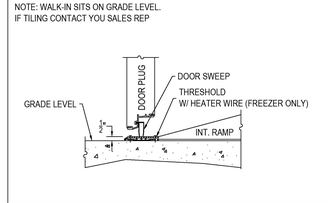
STANDARD CLOSURE PANELS DETAIL 8



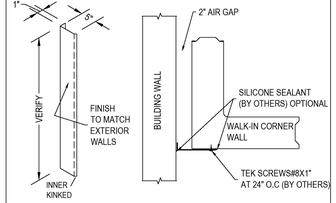
WALLS TO FLOOR - CONNECTION 4



INTERIOR RAMP DETAIL 5



DOOR PLUG DETAIL FOR INTERIOR RAMP 6



VERTICAL ANGLE TRIMS DETAILS 9

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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Liverpool, NY 13088
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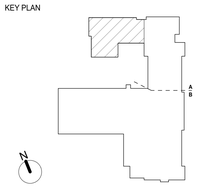
ISSUED FOR BID	03/27/26
ISSUE	DATE

KEY PLAN



PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

FOOD SERVICE WALK-IN DETAILS

FS104

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REFRIGERATION SPECIFICATIONS

ITEM	QTY	HP	MANUFACTURE	MODEL	REFRIG	V/P/H	MCA	FANS	CONNECTION	DIMENSIONS(IN)				WEIGHT	BTUH
SCROLL,REMOTE PREASSEMBLED, ECONET,AIR-COOLED,35°,OUTDOOR															
1	1	1/2	RUSSELL C/U	RFON060M4ADA	R-454A	208-230/1/60	15.0		3/8	3/8	27 7/8	28 1/4	18 3/4	195	7120
2	1		RUSSELL COIL	RAL6A081ADA		115/1/60 EC	15	1	3/8	5/8	27-1/8	12-1/2	18-1/8	47	
ACCESSORIES: A2L LEAK DETECTOR, SSOV ISOLATION VALVE, CHECK VALVE (SHIPPED LOOSE)															
SCROLL,REMOTE PREASSEMBLED, ECONET,AIR-COOLED,-10°F,OUTDOOR															
1	1	2-1/3	RUSSELL C/U	RFON230L4ADA	R-454A	208-230/1/60	17.7		3/8	7/8	39 7/8	28 1/4	18 3/4	230	6190
2	1		RUSSELL COIL	RAL6E058DDA		115/1/60 EC	15	1	3/8	7/8	27-1/8	12-1/2	18-1/8	47	
ACCESSORIES: A2L LEAK DETECTOR, SSOV ISOLATION VALVE, CHECK VALVE, 6' DRAIN LINE HEATER (SHIPPED LOOSE)															
NOTE: A LICENSED REFRIGERATION INSTALLER MUST DECIDE PLACEMENT OF EVAPORATOR(S) BASE ON SITE CONDITIONS,															
EVAPORATOR PLACEMENT ON DRAWING SHOULD BE USED FOR REFERENCE ONLY,															
DETAILED REFRIGERATION SPECIFICATIONS ARE AVAILABLE UPON REQUEST															

VERIFICATION NOTE

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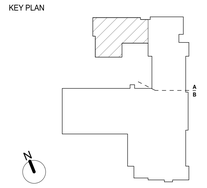

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE REFRIGERATION DETAILS

FS105

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FOR QUESTIONS, CALL THE
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REGION 54
PHONE: (585) 348 - 9118
EMAIL: reg54@captiveaire.com

PATENT NUMBERS

EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

HOOD INFORMATION – JOB#8285131

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1	Item #113	6024 ND-2	CAPTIVEAIRE	12' 6"	450 DEG	I	MEDIUM	200	2500			4"	18"	2500	1415	-0.880"	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S) FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	Item #113	CAPTRATE SOLO FILTER	9	16"	16"	85% SEE FILTER SPEC	5	RECESSED ROUND	NO	LEFT	12"x60"x24"	TANK FS	4.0/4.0	SC-011110MA	1 LIGHT 1 FAN	YES	921 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	Item #113	FIELD WRAPPER 18.00" HIGH FRONT, LEFT.
		BACKSPLASH 80.00" HIGH X 162.00" LONG 430 SS VERTICAL.
		STRUCTURAL FRONT PANEL.

FIRE SYSTEM INFORMATION – JOB#8285131

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION SYSTEM	INSTALLATION LOCATION ON HOOD
1	ITEM #114	TANK FS	4.0/4.0	40	37	FIRE CABINET LEFT	LEFT, HOOD 1

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	18"
	FRONT	0"
	BACK	18"
	LEFT	0"
	RIGHT	18"

- *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

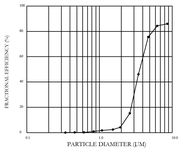
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

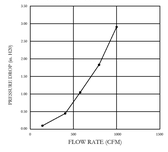
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER

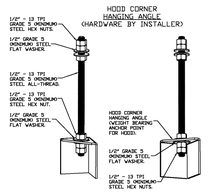


PRESSURE DROP VS. FLOW RATE



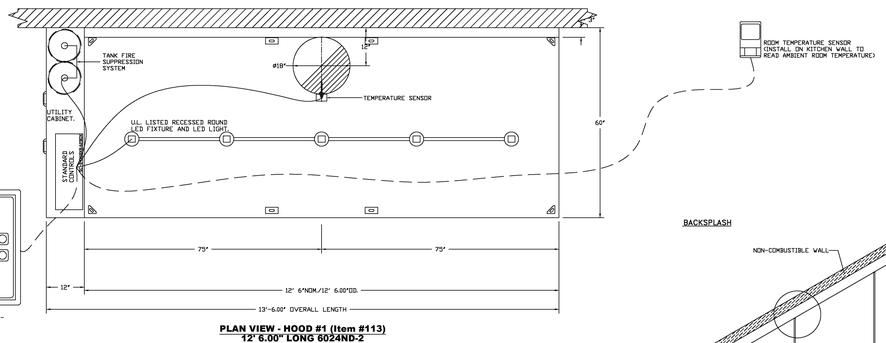
CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.

HOOD CORNER HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ROOM TEMPERATURE SENSOR (INSTALL ON KITCHEN WALL TO READ AMBIENT ROOM TEMPERATURE)

LCD SCREEN
FAN & LIGHT SWITCHES - Shipped Loose For Field Installation

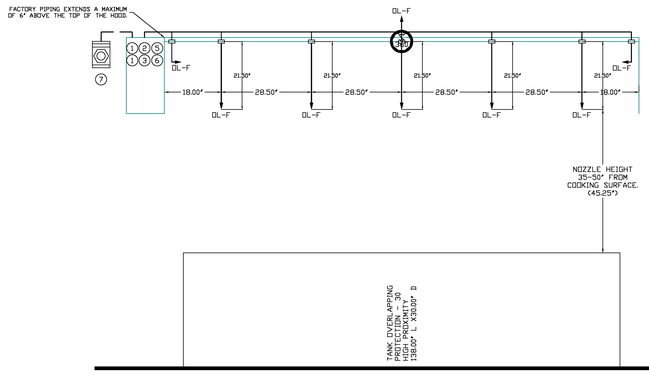
PLAN VIEW - HOOD #1 (Item #113)
12' 6.00" LONG 6024ND-2
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER.

BACKSPLASH

BACKSPLASH PANELS SLIDE INTO DIVIDER BAR

- BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS

SECTION VIEW - MODEL 6024ND-2
HOOD - #1 (Item #113)



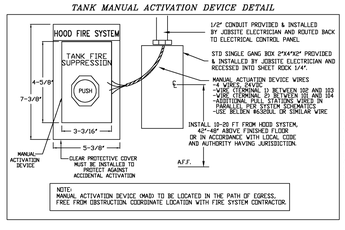
DETAIL - TANK FIRE SUPPRESSION SYSTEM

LEGEND – FIRE CABINET TANK SYSTEM

1 4 GALLON TANK.
2 PRIMARY ACTUATOR RELEASE.
3 SECONDARY ACTUATOR RELEASE.
4 PRESSURE SUPERVISION SWITCH.
5 PRIMARY HOSE ASSEMBLY.
6 SECONDARY HOSE ASSEMBLY.
7 REMOTE MANUAL ACTUATION DEVICE.

— — — = FIELD PIPING
——— = FACTORY PIPING

TANK MANUAL ACTIVATION DEVICE DETAIL



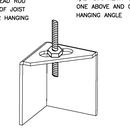
INCLUDES: FIELD INSTALLATION AND HOOKUP DURING NORMAL BUSINESS HOURS BY CERTIFIED INSTALLERS ONLY IN THE LOCATION NOTED ABOVE, TWO SITE VISITS ONLY (ONE VISIT TO SET PULL STATION & SYSTEM HOOKUP AND ONE VISIT FOR ONE TEST; ADDITIONAL VISITS WILL RESULT IN ADDITIONAL CHARGES), ONE MECHANICAL OR ELECTRICAL GAS VALVE PER SYSTEM AT A MAXIMUM SIZE OF 2", PERMIT, AND SYSTEM TEST.
EXCLUDES: UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND CONNECTIONS, HANGING OF FIRE CABINET, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

1/2" DIA. ALL THREAD ROD CONNECTED TO ROOF JOIST THROUGH ANOTHER HANGING ANGLE

1/2" DIA. HEAVY DUTY NUT ONE ABOVE AND ONE BELOW HANGING ANGLE



* ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-PUNCHED AT FACTORY

ND-2 HANGING ANGLE DETAIL

HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24"H)	DIM FROM FRONT (30"H)
CANOPY ND2	4.166"	2.246"	2.246"
ND2-PSP-F	4.166"	2.246"	2.246"
BACKSHELF 2847BD	2.00"	14.25"	–
VHB/VHB-G	36"X36"	42"X42"	48"X48"
FRONT/BACK DIMS BY SIZE	2.246"	2.246"	2.246"

HANGING ANGLE LOCATIONS

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

TOTAL DUCT AREA=144 X CFM / FPM(*)

DUCT LENGTH= TOTAL DUCT AREA / DUCT DEPTH

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

3054804-001 & 3054804-002

STANDARD 710

BUILT IN ACCORDANCE WITH NFPA No. 96

Listed under ETL File number 3054804-001/002

BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

1. ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
2. ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
3. HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
4. ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
5. COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
6. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
7. ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
8. LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
9. SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
10. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

BALANCE

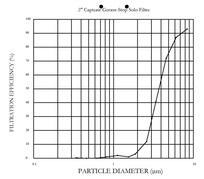
11. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

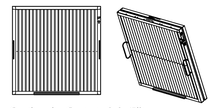
ADDITIONAL

14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES

FILTER COLLECTION EFFICIENCY





CaptiveAire Captrate Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

ARCHITECT
MEMASI
2 LYON PLACE
WHITE PLAINS, NY 10601
914.915.9519
MEMASIDESIGN.COM

HAZARDOUS MATERIALS CONSULTANT
QUALITY ENVIRONMENTAL SOLUTIONS & TECHOLOGIES, INC
1376 ROUTE 9
WAPPINGERS FALLS, NY 12590
845.298.6031

STRUCTURAL CONSULTANT
RYAN BIGGS | CLARK DAVIS ENGINEERING & SURVEYING DPC
257 LISHERS ROAD
CLIFTON PARK, NY 12065
518.406.5506

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717

SITE - CIVIL CONSULTANT
THE LA GROUP
40 LONG ALLEY
SARATOGA SPRING, NY 12866

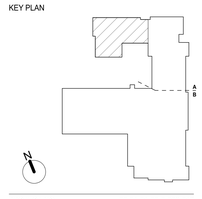
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

FOOD SERVICE DESIGN STUDIOS FSDS
1000 7th North Street, Suite B20
Liverpool, NY 13088
www.teamfsds.com | 315-498-9446

SEAL

ISSUED FOR BID	03/27/26
ISSUE	DATE

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE EXHAUST HOOD DETAILS

FS106

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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Liverpool, NY 13088
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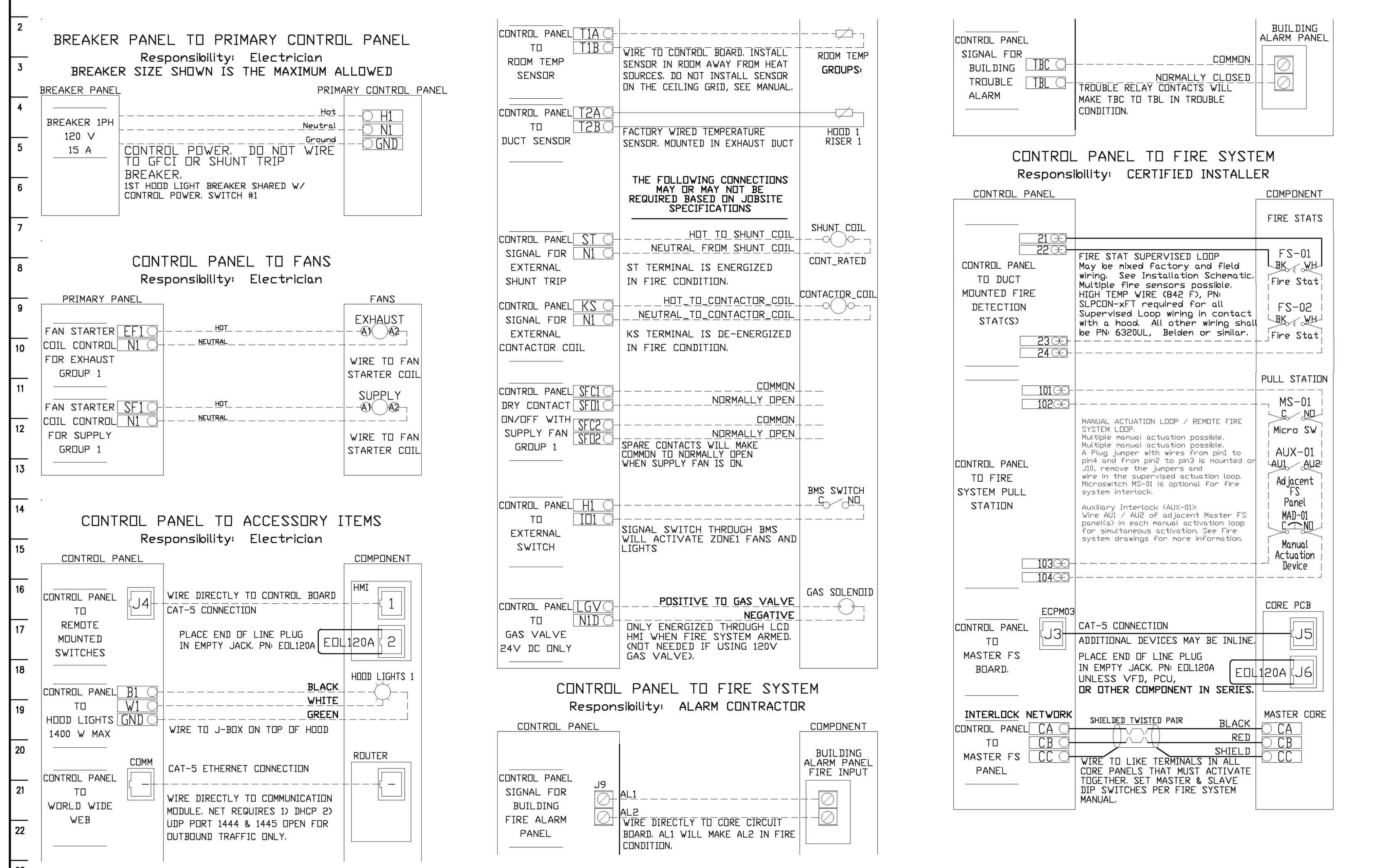
ELECTRICAL PACKAGE – JOB#8285131

NO	TAG	PACKAGE #	LOCATION	SWITCHES LOCATION	SWITCHES QUANTITY	OPTION	FANS CONTROLLED TYPE	Φ	HP	VOLT	FLA
1		SC-011110MA	UTILITY CABINET LEFT	SHIP LOOSE W/ PREWIRE	1 LIGHT 1 FAN	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	FAN STARTERS BY OTHERS				

JOB NO 8285131 | MODEL NUMBER SC-011110MA | JOB NAME Tarrytown CSD - Washington Ir... | DRAWN BY | DATE 10/10/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-1

DESCRIPTION OF OPERATION: Starter Coil Control Only w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation.



JOB NO 8285131 | MODEL NUMBER SC-011110MA | JOB NAME Tarrytown CSD - Washington Ir... | DRAWN BY | DATE 10/10/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-2

DESCRIPTION OF OPERATION: Fire System #1 TANK FS - 4.0/4.0 (Item #114). Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.

TANK PROTECTION ELECTRICAL DETAIL

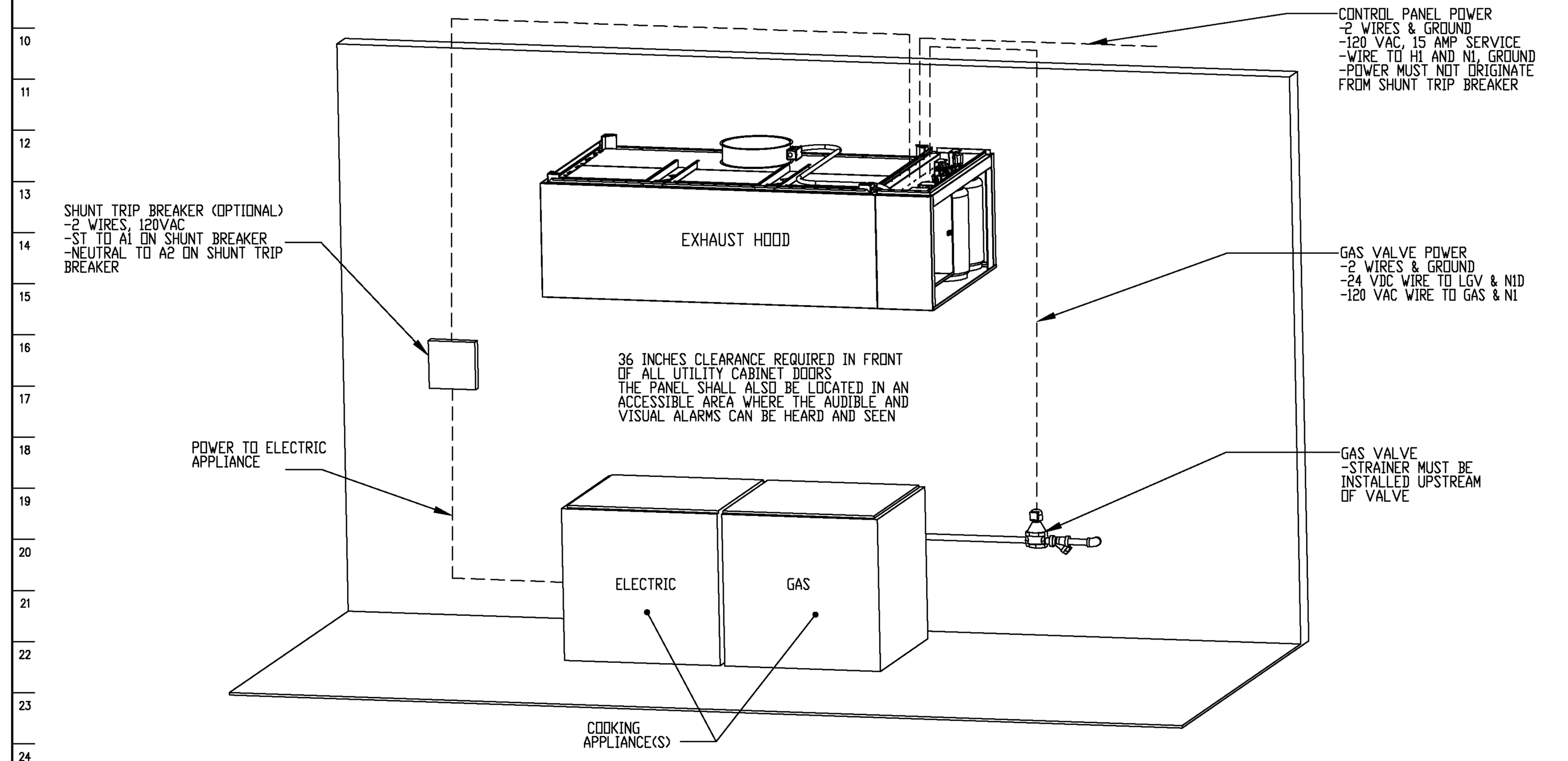
02/10/2021 Rev. 2

FS-1: MASTER

ELECTRICIAN:
1. WIRE MAIN CONTROL PANEL PER INCLUDED SCHEMATIC
2. WIRE ALL FANS PER INCLUDED SCHEMATIC
3. WIRE SHUNT TRIP BREAKER (OPTIONAL)
4. WIRE UDS APPLIANCE KILL SWITCH, IF EQUIPPED (OPTIONAL)
5. WIRE GAS VALVE

ELECTRICAL CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
SHUNT TRIP BREAKER (OPTIONAL)	ST & N1	BREAKER COIL (A1 & A2)	120 VAC	< 4 AMPS	ST TO A1 ON SHUNT BREAKER COIL, AND NEUTRAL TO A2 ON SHUNT TRIP BREAKER COIL
CONTROL PANEL POWER	H1 & N1 + GROUND	CIRCUIT BREAKER	120 VAC	15 AMPS	CONTROL PANEL POWER MUST NOT BE RUN THROUGH SHUNT TRIP BREAKER
UDS APPLIANCE KILL SWITCH (OPTIONAL)	KTS & N1	KTS & N1	120 VAC	< 4 AMPS	KILL SWITCH TERMINALS MUST BE IN SERIES WITH OTHER KILL SWITCHES
REMOTE 120VAC ANSUL AUTOMAN (OPTIONAL)	AU1, AU2	SOLENOID	120 VAC	< 6 AMPS	120V TO AU1, AU2 TO ANSUL ELECTRIC AUTOMAN, ANSUL SOLENOID TO NEUTRAL
GAS VALVE	LGV & N1D (IF 24 VDC) GAS & N1 (IF 120 VAC)	RED/RED/GREEN	24 VDC OR 120 VAC	< 1.0 AMPS	IF 24 VDC - 2 WIRES & GROUND, N1D TO RED, LGV TO RED, AND GREEN TO GROUND IF 120 VAC - 2 WIRES & GROUND GAS TO RED, N1 TO RED, AND GREEN TO GROUND



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

JOB NO 8285131 | MODEL NUMBER SC-011110MA | JOB NAME Tarrytown CSD - Washington Ir... | DRAWN BY | DATE 10/10/2025 | SCHEMATIC TYPE INSTALL | DWG NO ECP #1-3

DESCRIPTION OF OPERATION: Fire System #1 TANK FS - 4.0/4.0 (Item #114). Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.

TANK PROTECTION LOW-VOLTAGE DETAIL

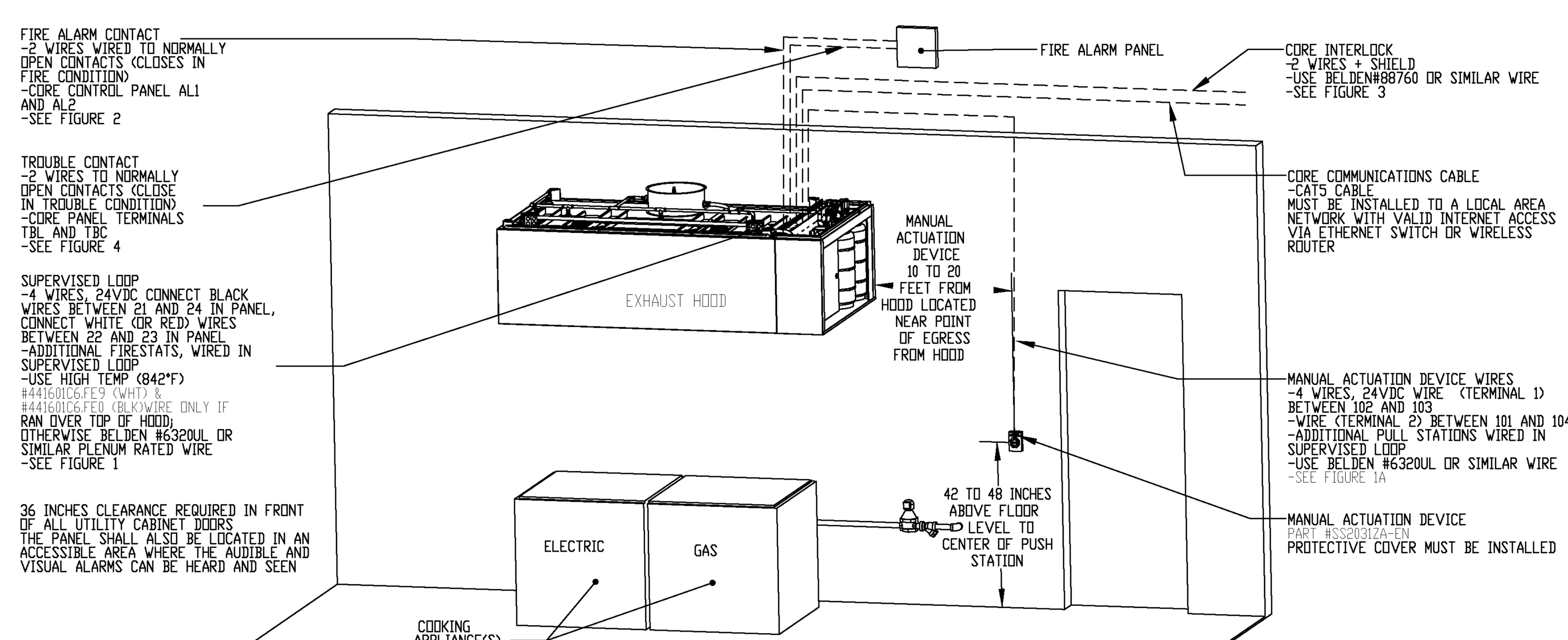
10/01/2023 Rev. 3

FS-1: MASTER

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), *REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP OF SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST
*REMOTE FIRESTAT(S) MAYBE BE REQUIRED DEPENDING ON THE DUCT LAYOUT AND HOOD TEMPERATURE RATING. REFERENCE MANUAL FOR LOCATION AND GUIDELINES.

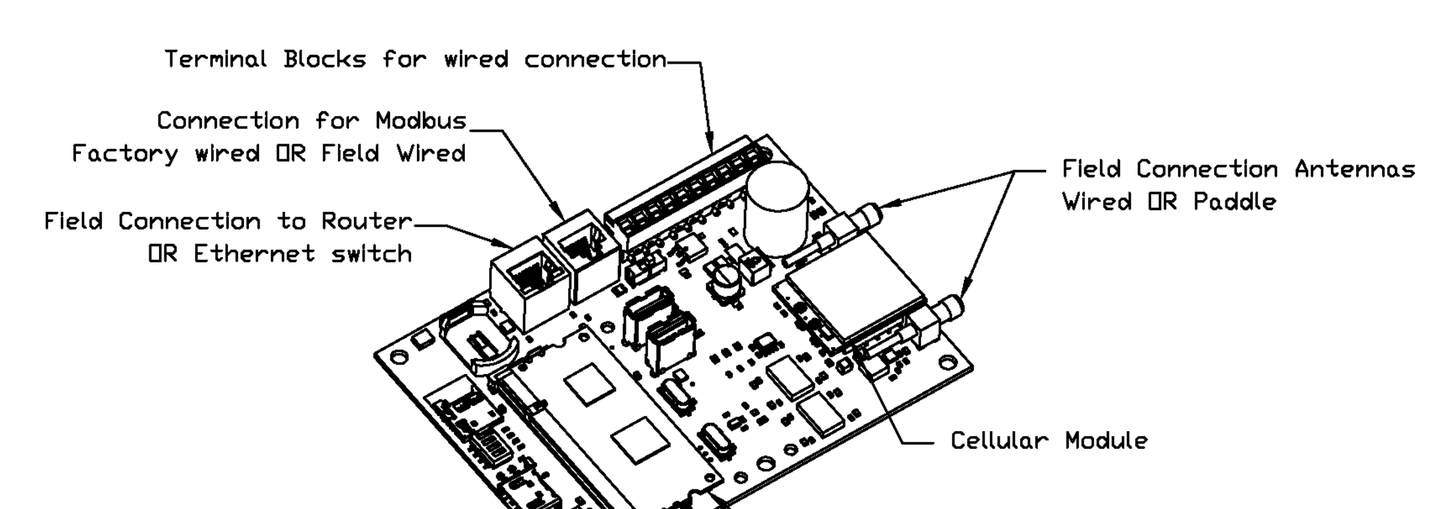
ALARM CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION ON DEVICE	VOLTAGE	AMPERAGE	COMMENTS
MANUAL ACTUATION DEVICE(S)	101 AND 104 102 AND 103	1 & 2	24 VDC	< 1.0 AMPS	WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103 WIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 101 AND 104 JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED
MANUAL ACTUATION DEVICE COVER	N/A	N/A	N/A	N/A	MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED IF SURFACE MOUNTED, USE COVER EXTENSION STI-6531B
REMOTE FIRESTAT SENSOR(S)	21 AND 24 22 AND 23	BLACK AND WHITE	24 VDC	< 1.0 AMPS	WIRE FIRE SENSOR WHITE WIRES BETWEEN HOOD CORE PANEL TERMINALS 22 AND 23 WIRE FIRE SENSOR BLACK WIRE BETWEEN HOOD CORE PANEL TERMINALS 21 AND 24 HIGH TEMP (842°F) #441601C6.FE9 (WHT) & #441601C6.FE0 (BLK)WIRE OR SIMILAR ONLY IF RAN OF HOOD; OTHERWISE BELDEN #6320UL OR SIMILAR PLENUM RATED WIRE; SEE FIGURE 1
FIRE ALARM CONTACT	AL1, AL2	VARIES	50V MAX (AC/DC)	UP TO 1 AMP	FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE CORE ELECTRICAL CONTROL PANEL
CORE INTERLOCK(S)	CA, CB, CC	CA, CB, CC	RS-485 COMMUNICATIONS SIGNAL		CORE SYSTEM (1) CA, TO CORE SYSTEM (2) CA. CORE SYSTEM (1) CB, TO CORE SYSTEM (2) CB. CORE SYSTEM (1) CC, TO CORE SYSTEM (2) CC. USE BELDEN# 88760 OR SIMILAR WIRE
TROUBLE CONTACT	TBC, TBL, TOK	VARIES	MAX 120 VAC	UP TO 6 AMPS	WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION
CORE COMMUNICATIONS CABLE	RJ-45 Jack	INTERNET CONNECTION	SIGNAL	<1.0 AMPS	TYPICAL CONNECTION CAT5 CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION



ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS



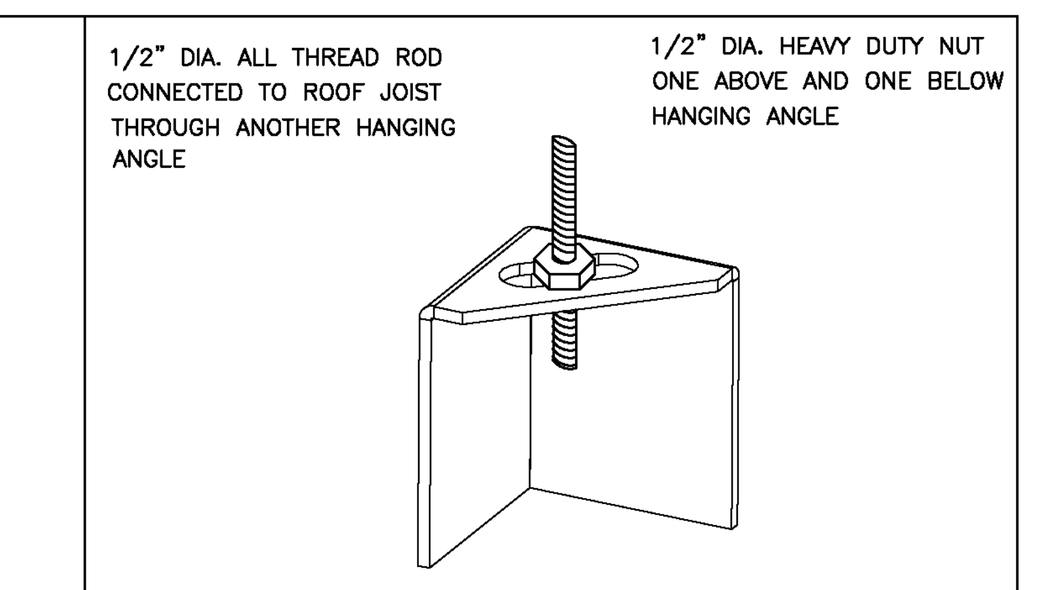
CASlink Monitor and Control

– Hood control panel to support communications to cloud-based Building Management System.
– Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
– Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
– Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

MONITORING AND CONTROL POINTS LIST

DCV Packages	Function
Room Temperature	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR
Fan Amperage	MONITOR
Fan Power	MONITOR
VFD Faults	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Prep Time Button	MONITOR & CONTROL
Fans Button	MONITOR & CONTROL
Lights Button	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

SC Packages	Function
Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Fans Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL



*ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR HANGING ANGLE IS PRE-PUNCHED AT FACTORY

ND-2 HANGING ANGLE DETAIL

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$$\text{TOTAL DUCT AREA}=144 \times \frac{\text{CFM}}{\text{FPM}(*)}$$

$$\text{DUCT LENGTH}=\frac{\text{TOTAL DUCT AREA}}{\text{DUCT DEPTH}}$$

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500–1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

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ETL LISTED #3054804-001 & #3054804-002 · UL STANDARD 710 · ETL SANITATION LISTED Intertek · BUILT IN ACCORDANCE WITH NFPA No. 96

Listed under ETL File number 3054804-001/002

BUILDING CODES

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INSTALLATION

1. ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
2. ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
3. HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
4. ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTORS'S PLANS.
5. COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
6. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
7. ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
8. LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
9. SEISMIC RESTAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
10. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

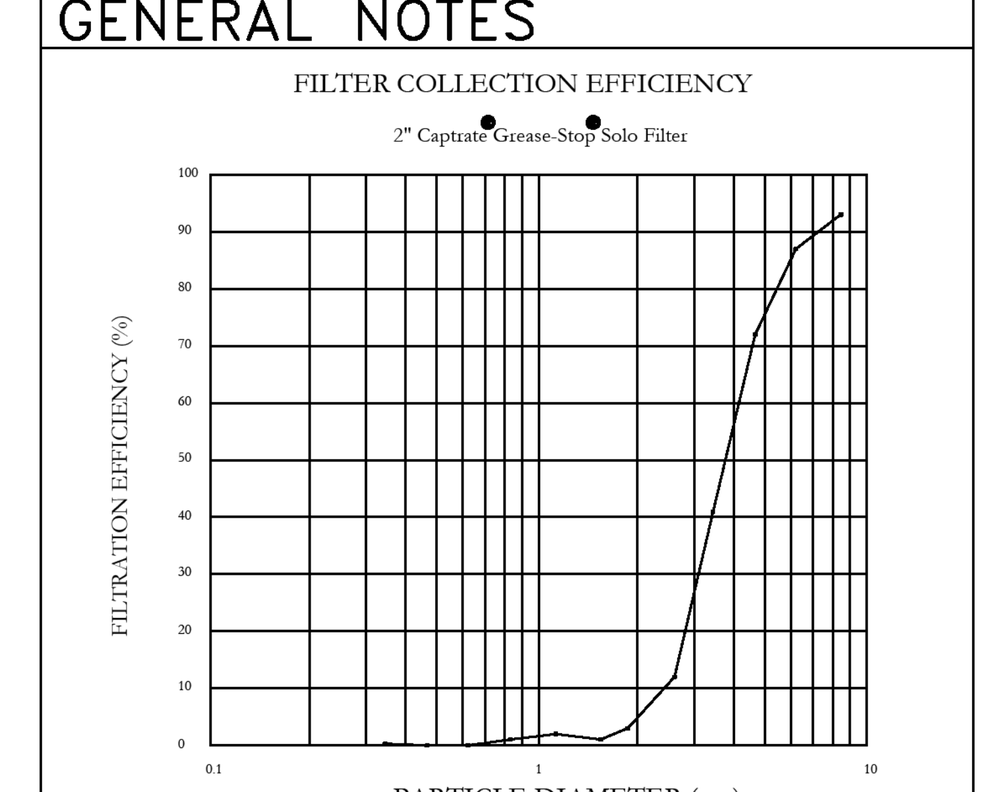
BALANCE

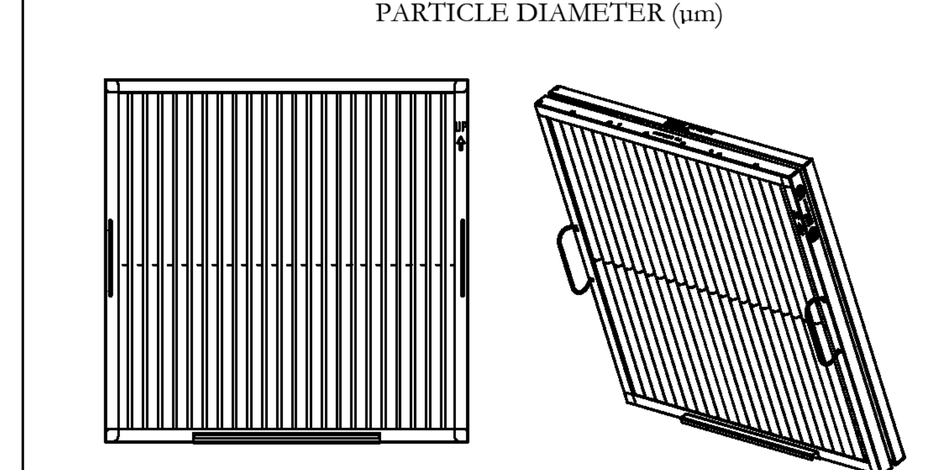
11. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

ADDITIONAL

14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES





CaptiveAire Captrate Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

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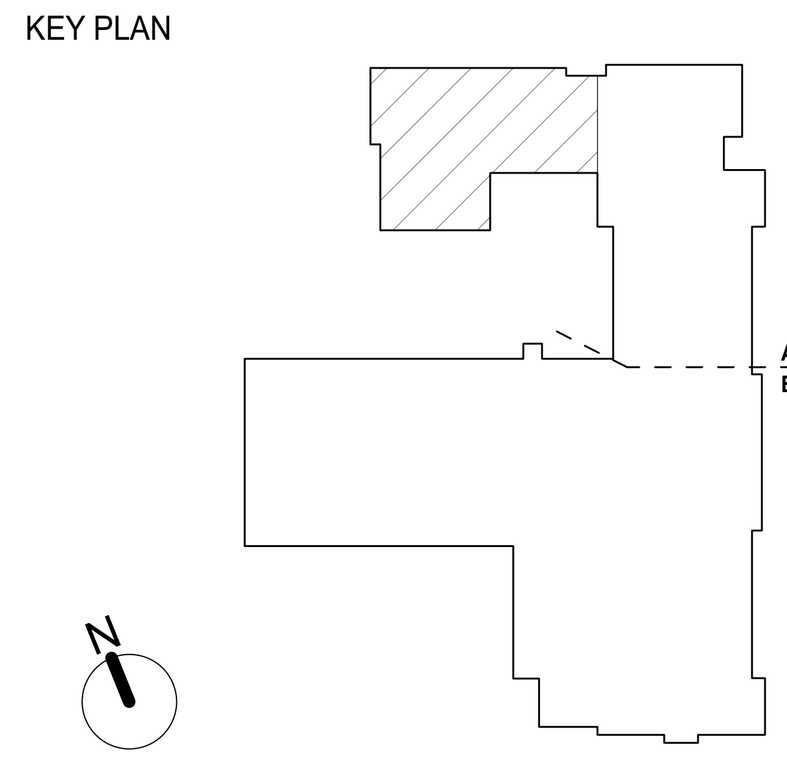
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/26

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE EXHAUST HOOD DETAILS

FS107

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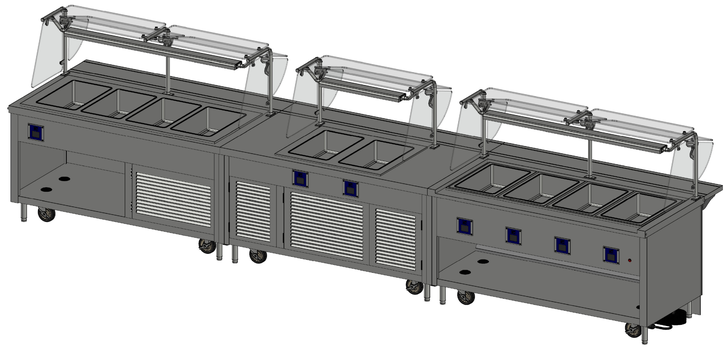
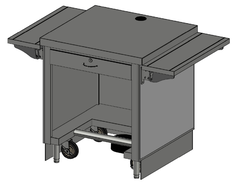
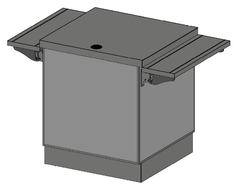
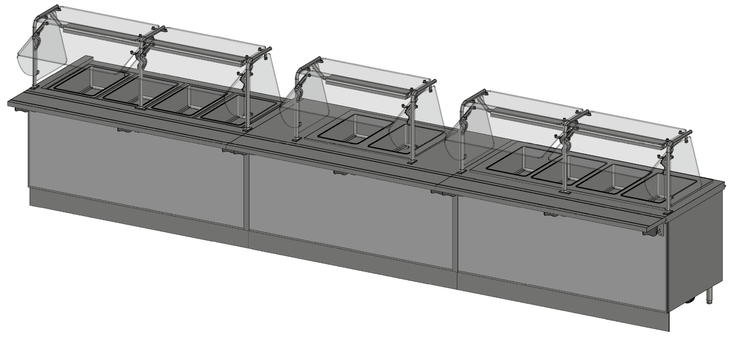




3D VIEWS





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STANDARD SERVING SYSTEM PRACTICES

SOLID SURFACE TOPS AND TRAY SLIDES

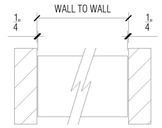
- ALL SOLID SURFACE TOPS AND TRAY SLIDES, WITH FIELD SEAMS, ***WILL SHIP LOOSE***. WHEN SPANNING MORE THAN ONE UNIT.
- SOLID SURFACE TOPS AND TRAY SLIDES SPECIFIC TO SINGLE UNIT WILL SHIP INSTALLED.
- SOLID SURFACE TOPS AND TRAY SLIDES REQUIRE A ***CERTIFIED*** INSTALLER, SPECIFIC TO THE BRAND, TO SEAM THE UNITS IN THE FIELD DURING PRODUCT INSTALLATION.

STAINLESS STEEL TOPS AND TRAY SLIDES

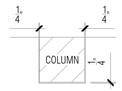
- THE MAXIMUM CONTINUOUS STAINLESS STEEL TOP LENGTH IS 144" [12'-0"], BEFORE REQUIRING A BOLTED OR WELDED FIELD JOINT.
- THE MAXIMUM CONTINUOUS STAINLESS STEEL TRAY SLIDE LENGTH IS 144" [12'-0"], BEFORE REQUIRING A BOLTED OR WELDED FIELD JOINT.
- BOLTED OR WELDED FIELD JOINTS ARE REQUIRED, AT ALL MITERED TRAY SLIDE CORNERS.

ALLOWANCE FOR FIELD CONDITIONS

- FACTORY TO ALLOW ¼" AT ALL WALLS, COLUMNS, AND PASS THROUGH WINDOWS FOR FIT. ***(SEE WALL TO WALL AND COLUMN EXAMPLES)***



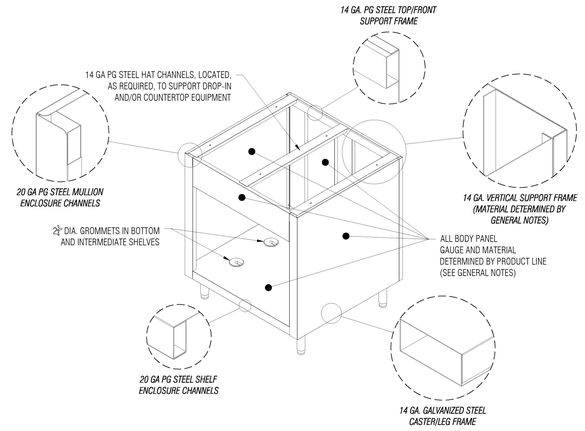
WALL TO WALL EXAMPLE



COLUMN EXAMPLE

ELECTRICAL

- ALL 15 AMP (NEMA #5-15R) AND 20 AMP (NEMA #5-20R) RECEPTACLES SHALL BE GFCI (GROUND FAULT CIRCUIT INTERRUPTER) TYPE RECEPTACLES PER DUKE MANUFACTURING STANDARD. ***UNLESS SPECIFICALLY NOTED OTHERWISE*** ON THE DRAWING. ***(SEE SYMBOL LEGEND)***



STANDARD CHANNEL BODY CONSTRUCTION

SYMBOL LEGEND

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SIMPLEX RECEPTACLE		DUPLEX GFCI RECEPTACLE (NEMA 5-15R & 5-20R ONLY)		ELEC. CORD AND PLUG	
KICKPLATE LOCATION	K	LAMINATE LOCATION	L	DECOR PANEL LOCATION	DP
EQUIPMENT TAG	#	FIELD JOINT LOCATION	FJ	2¼" GROMMET LOCATION	
VIEW TAG	VIEW NUMBER / PAGE NUMBER — 1 PLAN, X SCALE — VIEW NAME / VIEW SCALE			COMPRESSOR WITH REMOVABLE GRILLE	
VIEW ARROWS	VIEW NUMBER / PAGE NUMBER				

SERVING LINE GENERAL SPECIFICATIONS

TOPS	14 GAUGE STAINLESS STEEL TOPS WITH LOCKING DEVICE UNDER BOTH ENDS OF COUNTER TOP
BODIES & INTERIORS	14 GAUGE FRAME/ SUPPORTS W/20 GAUGE STAINLESS STEEL BODIES; INTERIOR SHELVES- WHERE SHOWN, LAMINATE EXTERIOR AS INDICATED ON DRAWINGS
CASTERS & LEGS	5" DIAMETER CASTERS WITH GRAY POLYURETHANE TIRES; ALL SWIVEL & WITH BRAKES, (4) 5" ADJUSTABLE STAINLESS STEEL LEGS
KICKPLATES	HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING
TRAY SLIDES	16 GAUGE STAINLESS STEEL SOLID TRAY SLIDES WITH (2) DIE FORMED RUBBING TRACKS ON 10 GAUGE STAINLESS STEEL FIXED BRACKETS, TRAY SLIDE INTERLOCKING SYSTEM (MOUNTED AT 28", 32", 34")
HOT FOOD DRAINS	DRAIN MANIFOLD WITH COPPER TUBING TO BRASS MASTER VALVE; EXTEND MASTER VALVE FORWARD; TO INCLUDE HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE, DRAIN LINE EXTENDED THROUGH CABINET BASE. RECESSED TOP FOR SHEET PANS
COLD FOOD DRAINS	DRAIN EXTENSION TO GLOBE VALVE WITH HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE; DRAIN LINE EXTENDED THROUGH CABINET BASE

BREATHGUARDS

SHELVES & FRAMES	STAINLESS STEEL SHELF FRAMES WITH 3/8" TEMPERED GLASS SHELVES
END STANCHIONS & FRAME	STAINLESS STEEL
GUARDS	3/8" WITH TEMPERED GLASS PROTECTOR PANELS
END ENCLOSURES	1/4" TEMPERED GLASS END ENCLOSURES
LIGHTS	LED LIGHTS UNDER EACH SHELF, WIRED TO ROCKER SWITCH ON OPERATOR'S SIDE OF CABINET

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PUBLIC SCHOOLS OF THE TARRYTOWNS

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SEAL

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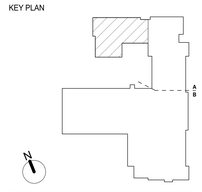
KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

FS108

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THE FOLLOWING MUST BE VERIFIED PRIOR TO CONSTRUCTION

- ANY DECOR COLOR CHOICES INCLUDING LAMINATE, PAINT COLOR, OR CUSTOM DECOR FEATURES, IF APPLICABLE
- ALL ELECTRICAL VOLTAGE AND PHASE OF DUKE HOT FOOD UNITS AND BUYOUT EQUIPMENT IF APPLICABLE
- ALL CRITICAL FIELD DIMENSION IF ANY AS INDICATED IN PLAN VIEW.

THURMADUKE SERVING SYSTEMS

TOPS
14 GA. STAINLESS STEEL TOPS.

BODIES & INTERIORS
14 GA. FRAME/SUPPORTS W/20 GA. STAINLESS STEEL ENCLOSURE CHANNELS, BODY PANELS AND INTERIOR SHELVES W/ LAMINATE VENEER EXTERIOR WHERE INDICATED.

- REMOVABLE STEEL PANEL WITH STAINLESS STEEL TRIM ON FRONT
- NOTE: BODY PILASTERS

*****LAMINATE GRAIN (IF ANY) RUNS HORIZONTAL*****

*LAMINATE BRAND:..... VERIFY *LAMINATE ID NUMBER:..... VERIFY *LAMINATE COLOR NAME:..... VERIFY

LEGS & CASTERS
6" HIGH, STAINLESS STEEL TUBULAR LEGS W/ ADJUSTABLE FEET. AND 5"Ø CASTERS WITH GRAY POLYURETHANE TIRES. ALL SWIVEL WITH BRAKES.

KICKPLATES
HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED/INDICATED BY SCHEDULE TO 1/2" ABOVE THE FINISHED FLOOR
****ADJUSTABLE WITH PILASTERS**** CONTINUOUS KICKPLATES TO MINIMIZE JOINTS

TRAYSLIDES ITEM# 107
16 GA. STAINLESS STEEL SOLID TRAY SLIDES 10" WIDE WITH (2) DIE FORMED RUBBING TRACKS ON 10 GA. STAINLESS STEEL FIXED BRACKETS.
WITH 2" TURN UP AT REAR.

TRAYSLIDES ITEMS# 101, 103 & 105
16 GA. STAINLESS STEEL SOLID TRAY SLIDES 10" WIDE WITH (2) DIE FORMED RUBBING TRACKS ON 10 GA. STAINLESS STEEL FIXED BRACKETS.

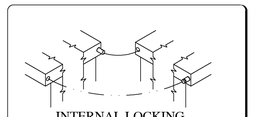
FLUSH COLD PAN DRAINS
DRAIN ROUTED TO CONDENSATE EVAPORATOR.

BREATHGUARDS (TS400 Series)
1" DIA. STAINLESS STEEL TUBING LEGS. CLEAR GLASS SHELVES, PROTECTORS & END ENCLOSURES.

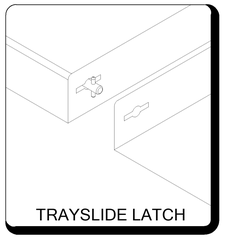
*****BREATH GUARD POSTS ARE NOT TO BE USED AS PUSH HANDLES. DUKE MANUFACTURING DOES NOT ACCEPT RESPONSIBILITY FOR FOOD SHIELDS COMING LOOSE IN THE FIELD DUE TO MISUSE.*****

CONSULTANT

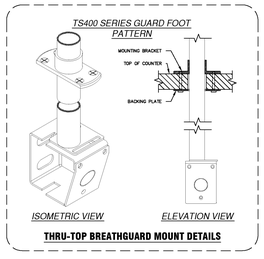
FSDS



INTERNAL LOCKING DEVICE DETAIL
(UNITS ON LEGS DO NOT MEET NSF STANDARDS)



TRAYSLIDE LATCH



THRU-TOP BREATHGUARD MOUNT DETAILS

DUKE EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA #'s Intl. Conn. / Final Conn.	Cord length	
101	1	TST-74SS	SOLID TOP UNIT (MODIFIED LENGTH) RECESSED TOP *WIRE CHASE ICB-A FINAL CORD*			-	-	NEMA#	Cord	Gas Type
								14-20P	8'	-
101.1	1	WW-4-208	DROP-IN WATERLESS HOT FOOD WELL	208	1	2000	9.6	NEMA#	Cord	Gas Type
								6-20P(4)	6'	-
102	1	TS422-74	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
ICB-A	1	ICB	WIRE CHASE ICB MOUNTED IN ITEM#101	-	-	-	-	N/A	N/A	Gas Type
								-	-	N/A
103	1	TST-74SS	SOLID TOP UNIT *MODIFIED LENGTH*			-	-	NEMA#	Cord	Gas Type
								-	-	-
103.1	1	HCF-2	HOT/COLD/FREEZE SEALED WELLS WITHOUT DRAINS	120	1		10.7	NEMA#	Cord	Gas Type
								5-15P	10'	-
104	1	TS422-46	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
105	1	TST-74SS	SOLID TOP UNIT *MODIFIED LENGTH*			-	-	NEMA#	Cord	Gas Type
								-	-	-
105.1	1	FCP4-SB	DROP-IN FLUSHMOUNT COLD PAN WITH CONDENSATE EVAPORATOR	120	1		9.4	NEMA#	Cord	Gas Type
								5-15P	10'	-
106	1	TS422-74	ADJUSTABLE GLASS SNEEZE GUARD SINGLE OVERSHELF W/LED LIGHTS **MODIFIED LENGTH**	120	1	30	0.25	NEMA#	Cord	Gas Type
								5-15P	6'	-
107	1	TCS-30SS	CASHIER UNIT	120	1	1800	15	NEMA#	Cord	Gas Type
				120	1	1800	15	5-20P	6'	-

DUKE EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA #'s Intl. Conn. / Final Conn.	Cord Length	

BUY-OUT EQUIPMENT

Item Tag	Quantity	Model Number	Description	Voltage	Phase	Watts	Amps	NEMA#	Provided By	Installed By
#	-	-	-	-	-	-	-	-	-	-

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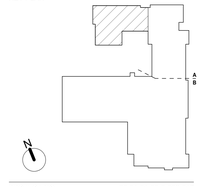

PROJECT NO. 66-04-01-03-0-002-017

MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

FS109

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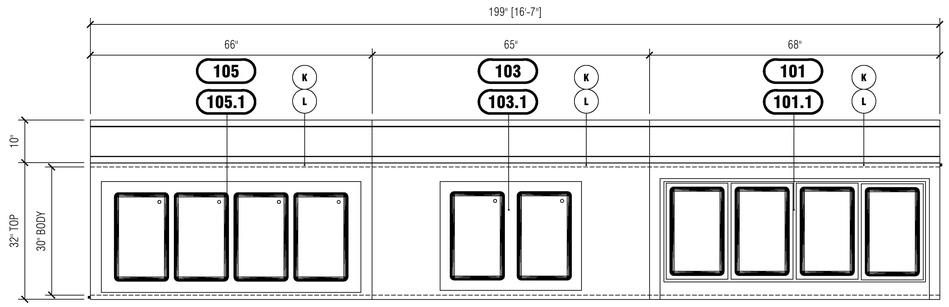
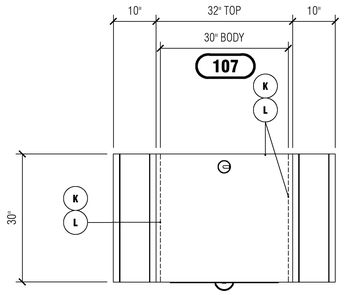
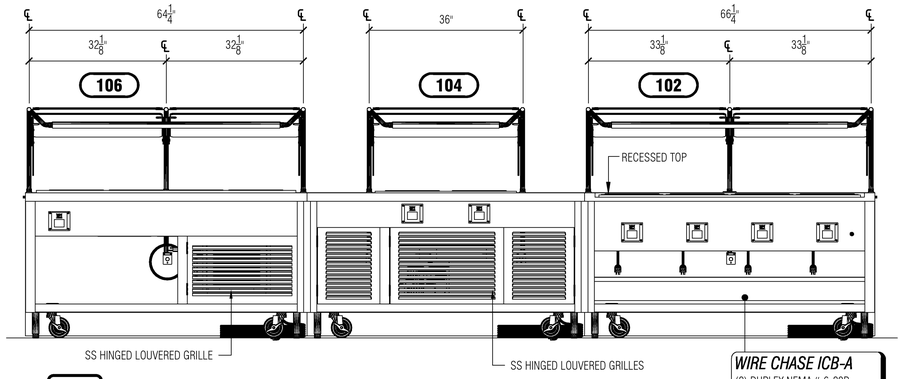


1 / 3 PLAN VIEW
3/8" = 1'-0"

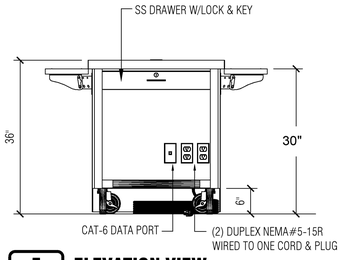


4 / 3 PLAN VIEW
3/8" = 1'-0"

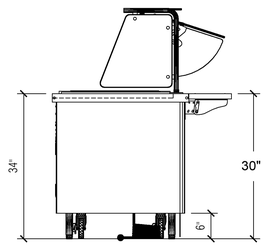
NOTE:
SNEEZE GUARDS NOT SHOWN IN PLAN VIEW



2 / 3 ELEVATION VIEW
3/8" = 1'-0"



5 / 3 ELEVATION VIEW
3/8" = 1'-0"



3 / 3 END VIEW
3/8" = 1'-0"

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PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPTIAL BOND PROJECT- PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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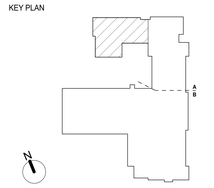
SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/26

KEY PLAN



PROJECT NO. 66-04-01-03-0-002-017
MEMASI PROJECT NO. 101-2403

FOOD SERVICE SERVING LINE DETAILS

FS110

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ASBESTOS ABATEMENT NOTES

PRE-ABATEMENT WORK NOTES:

1. THESE DRAWINGS HAVE BEEN PREPARED UTILIZING THE OWNERS' ORIGINAL CONSTRUCTION DOCUMENTS IN ORDER TO ILLUSTRATE THE EXISTING CONDITIONS OF THE SITE AND STRUCTURES THEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL VERIFICATION OF ALL EXISTING CONDITIONS IN THE FIELD.
2. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONNEL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND WAYS OF EGRESS WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT ACTIVITIES.
3. THE CONTRACTOR, PRIOR TO BIDDING SHALL BE RESPONSIBLE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO, ALL DEMOLITION AND CONSTRUCTION WORK AS SHOWN IN THE COMPLETE SET OF DRAWINGS AND IN THE PROJECT MANUAL / SPECIFICATIONS AND ASBESTOS SURVEY REPORTS IN ORDER THAT THE FULL SCOPE OF WORK WHICH MAY ENCOUNTER ASBESTOS CONTAINING MATERIALS IS UNDERSTOOD AND ACCOUNTED FOR, BY THE CONTRACTOR IN (UNDERTAKING)THIS PROJECT. A COPY OF THE ASBESTOS SURVEY REPORT CAN BE REQUESTED FROM THE OWNERS' ENVIRONMENTAL CONSULTANT.
4. PRIOR TO ABATEMENT ALL CONTRACTORS WILL SURVEY EXISTING CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS / MATERIALS, ETC., DAMAGED OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE ASSUMED TO BE IN GOOD CONDITION AND WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GENERAL CONTRACTOR, ETC., IN SAME CONDITION AT THE END OF THIS CONTRACT.

ASBESTOS REMOVAL GENERAL NOTES:

1. ASBESTOS ABATEMENT INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY A NYS DEPARTMENT OF LABOR LICENSED ASBESTOS ABATEMENT CONTRACTOR, WHO SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES PRIOR TO BID.
2. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) INDUSTRIAL HEALTH CODE RULE 56, OSHA, NESHAPS, AHERA, NYSDEC AND ALL OTHER APPLICABLE CODES.
3. THE CONTRACTOR SHALL MAINTAIN THE SITE AS NEAT AS POSSIBLE AND ORDERLY DURING (THE COURSE OF)THE WORK. ALL LOOSE DEBRIS WHICH MAY (BECOME WINDBORNE) BLOW OFF THE SITE, SHALL BE COLLECTED AND DISPOSED OF PROPERLY BY THE CONTRACTOR ON A DAILY BASIS AS PART OF THE PROJECT WORK.
4. THE CONTRACTOR SHALL PROVIDE BARRIERS AROUND THE WORK AREAS IN ORDER TO ENSURE SAFE PASSAGE BY ANY PERSON. THESE BARRIERS SHALL ALSO SERVE TO KEEP ALL UNAUTHORIZED PERSONS OUT OF THE PROJECT AREA FOR THE DURATION OF THE WORK.
5. VARIANCES: CONTRACTOR SHALL PAY FOR AND OBTAIN ANY NECESSARY SITE SPECIFIC VARIANCES.
6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN THE BUILDING AND THE WORK AREAS AT ALL TIMES.
7. PROJECT STAGING, STORAGE, SCHEDULING AND ACCESS SHALL BE COORDINATED WITH AND APPROVED BY THE ARCHITECT, CONSTRUCTION MANAGER AND OWNER PRIOR TO PROCEEDING WITH WORK.
8. SHOULD IT BECOME NECESSARY, THE CONTRACTOR SHALL COORDINATE SHUT DOWN AND LOCK OUT / TAG OUT OF THE ELECTRICAL POWER FROM THE OWNERS' POWER, WITH OWNERS' REPRESENTATIVE, PRIOR TO THE COMMENCEMENT OF WORK.
9. ALL TEMPORARY POWER TO THE WORK AREA SHALL BE BROUGHT IN FROM OUTSIDE THE WORK AREA THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER AT THE SOURCE.
10. CONTRACTOR SHALL COORDINATE CONNECTION OF WATER SERVICE FOR DECONTAMINATION PURPOSES WITH OWNERS' REPRESENTATIVE. WATER FOR DECONTAMINATION UNITS IS AVAILABLE FROM THE OWNER.
11. THE OWNER OR OWNERS' REPRESENTATIVE IS RESPONSIBLE TO CONTRACT FOR NYSDOL PROJECTS MONITORING / AIR SAMPLING TECHNICIAN SERVICES AS REQUIRED.
12. CONTRACTOR TO PROVIDE A COPY OF SAFETY DATA SHEETS (SDS'S) FOR ANY CHEMICAL AGENTS TO BE USED DURING THE ASBESTOS ABATEMENT TO THE PROJECT MONITOR AND THE OWNER'S REPRESENTATIVE.
13. CONTRACTOR SHALL REQUEST AND RECEIVE PROJECT MONITOR AND OWNERS' REPRESENTATIVES APPROVAL OF ALL WORK BEFORE ANY ABATEMENT IS UNDERTAKEN.
14. UNDER NO CIRCUMSTANCES SHALL CONTAMINATED WASTE WATER BE DISCHARGED THROUGH A SYSTEM WITHOUT FILTERING. THE MAXIMUM FILTER SIZE OPENING SHALL BE CAPABLE OF RETAINING A 5.0 MICRON PARTICLE SIZE COLLECTION CAPABILITY.
15. DRAWINGS ATTEMPT TO INDICATE THE GENERAL SCOPE OF EXISTING CONDITIONS AND ITEMS AFFECTED BY THE ABATEMENT WORK. CONTRACTOR SHALL EXAMINE THE WORK AREA PRIOR TO FORMULATING HIS BID SHALL INCLUDE FIELD VARIATIONS FROM THOSE SHOWN WITHIN THE GENERAL INTENT OF THE WORK.
16. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN AND GENERATED FROM THE ABATEMENT PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES REGULATIONS AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN AND GENERATED FROM THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN THE MOST EFFICIENT AND COST EFFECTIVE METHOD POSSIBLE, WHICH ALSO COMPLIES WITH THE REQUIREMENTS LISTED ABOVE.

POST ABATEMENT WORK NOTES:

1. PROVIDE ALL APPLICABLE CODE RULE 56 PROCEDURES, CLEAN UP ANDADDITIONAL TESTING AS REQUIRED.
2. AFTER FINAL CLEARANCE HAS BEEN ATTAINED (SUBSTANTIAL COMPLETION) THE ABATEMENT CONTRACTOR, TOGETHER WITH THE PROJECT INSPECTOR AND OWNER'S REPRESENTATIVE WILL SURVEY FINAL CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS / MATERIALS, ETC., DAMAGED OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS SHALL BE REVIEWED WITH THE PROJECT INSPECTOR. ALL OTHER ITEMS / MATERIALS NOT NOTED, SHALL BE ASSUMED TO BE IN GOOD CONDITION AND WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GENERAL CONTRACTOR, ETC., IN SAME CONDITION AT THE END OF THIS CONTRACT. ANY NEW DAMAGE OR MISSING EQUIPMENT SHALL BE NOTED AND THE COST OFFSET FROM THE CONTRACT.
3. REMOVE ALL TEMPORARY ENCLOSURES, BARRIERS, ETC. REINSTALL ITEMS/WORK PREVIOUSLY REMOVED. ALL TAPE AND ADHESIVE RESIDUALS TO BE REMOVED. TEST AND REPAIR.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE AGAINST DAMAGE TO THE EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
5. AT COMPLETION OF THE ABATEMENT WORK, A CONDITION SURVEY SHALL BE DONE BY ALL CONTRACTORS AND PROJECT INSPECTOR (SEE NOTE 2.) ANY VARIATION (I.E. DAMAGE BY THE CONTRACTOR) SHALL BE REPAIRED / RESTORED BY THE ABATEMENT CONTRACTOR.
6. THE CONTRACTOR SHALL, UPON COMPLETION OF THE REMOVAL, PROVIDE WRITTEN DOCUMENTATION (INCLUDING ALL APPROPRIATE THIRD PARTY TESTING RESULTS) THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL ASBESTOS CONTAINING MATERIALS (CONTEMPLATED FOR REMOVAL UNDER THIS PROJECT, OR PHASE) AT FINAL CLEARANCE.
7. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE, INCLUDING THE COMPOSITION AND VOLUMES OF DISPOSED MATERIALS AND THE FINAL DISPOSAL SITE(S).
8. FOR WORK THAT IS INSTALLED FOLLOWING ABATEMENT FINAL CLEARANCES, THE CONSTRUCTION MANAGER , CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS SHALL REVIEW ALL PROPOSED PRODUCT SUBMITTALS TO ENSURE THEY COMPLY WITH CURRENT SED REGULATIONS AND DO NOT CONTAIN ASBESTOS AND SHALL CERTIFY TO THAT EFFECT ON THEIR SHOP DRAWING SUBMITTAL REVIEW STAMP. CORRECTIVE WORK TO REMOVE ASBESTOS THAT IS INCORPORATED INTO THE WORK IS THE RESPONSIBILITY OF THE PARTIES OVERSEEING AND PROGRESSING THAT WORK.

Public Schools of the Tarrytowns

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LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE 11-30-2028

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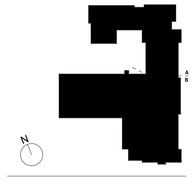

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

ASBESTOS ABATEMENT NOTES

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KEY NOTES

D1	REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT AND DEMO DRAWINGS.
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC UNDER GENERAL CONDITIONS. REFER TO DEMO DRAWINGS.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D19	REMOVE WALL PADS AND ALL ASSOCIATED SUPPORTS
D25	REMOVE AND PROPERLY DISPOSE OF EXISTING METAL LOCKERS.
D79	REMOVE EXST CONCRETE STAIR ASSEMBLY IN ITS ENTIRETY INCLUDING STAIR RAILING AND ALL ASSOCIATED SUPPORTS.
D92	UNIT VENTILATOR, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS. DEMO
D93	SAWCUT AND REMOVE PORTION OF CONCRETE BLEACHERS FOR EXTENT SHOWN. COORDINATE REMOVAL WITH NEW WORK
D96	REMOVE EXISTING WALL TILES AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.

ASBESTOS ABATEMENT LEGEND

1

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING WET WALLS, CEILINGS AND/OR PIPE CHASES FOR CONCEALED PRESUMED (PACM) ASBESTOS CONTAINING PIPE INSULATION AND REMOVE AND DISPOSE OF INSULATION AS NECESSARY.

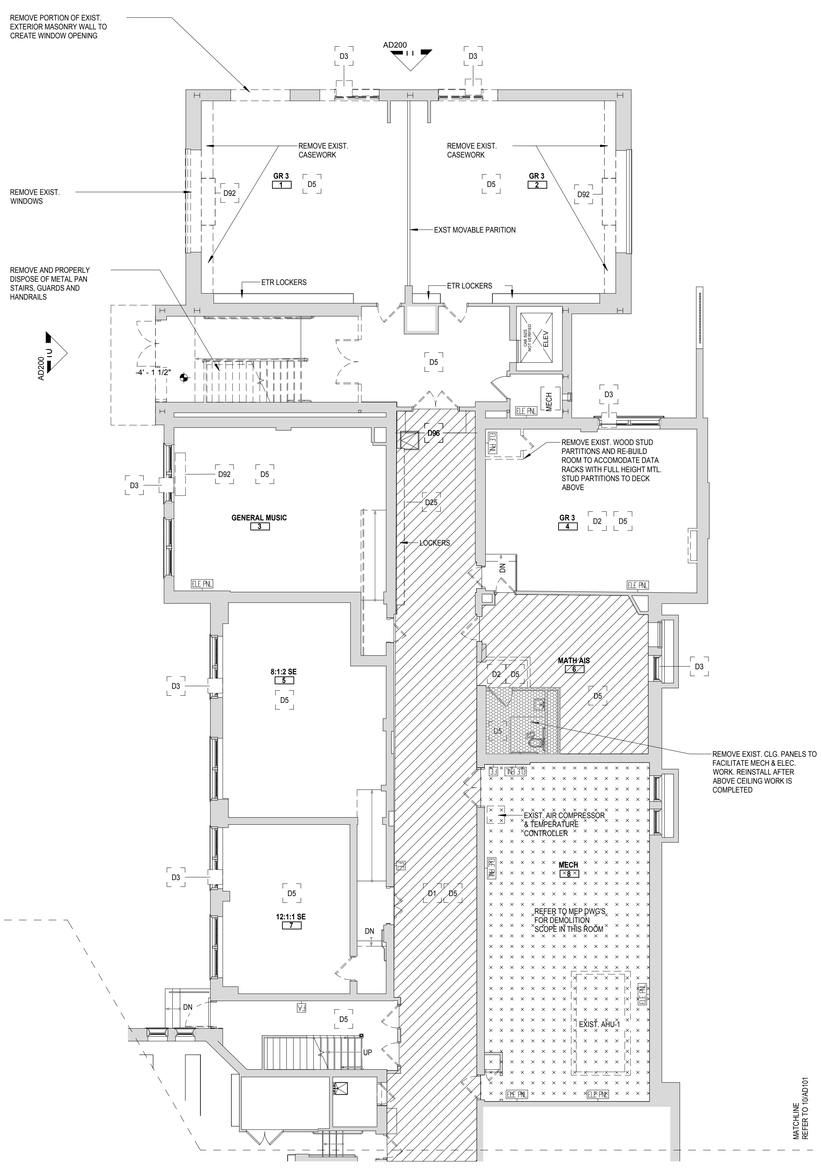
ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND/OR MASTIC.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND MASTIC AND NON FRIABLE CEILING TILE ACM GLUE DABS.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING (ACM) PIPE INSULATION, MUDDED JOINT PACKING CONCEALED WITHIN WET WALLS AND ABOVE HARD CEILINGS.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING (ACM) (TSI) PIPE INSULATION AND MUDDED JOINT PACKING.

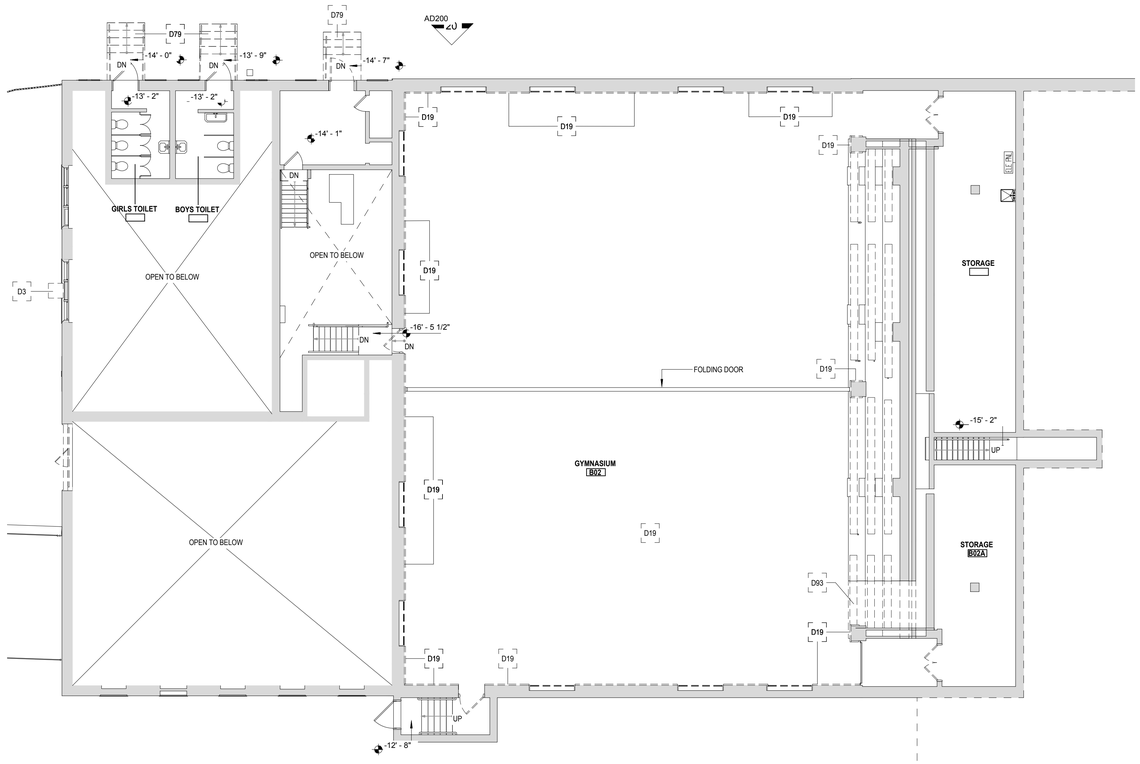
REFER TO ASBESTOS SPECIFICATION SECTION 020800 - SECTION 3.17 FOR A DETAILED DESCRIPTION OF THE ABATEMENT WORK.



GROUND FLOOR ABATEMENT PLAN - AREA A

1/8" = 1'-0"

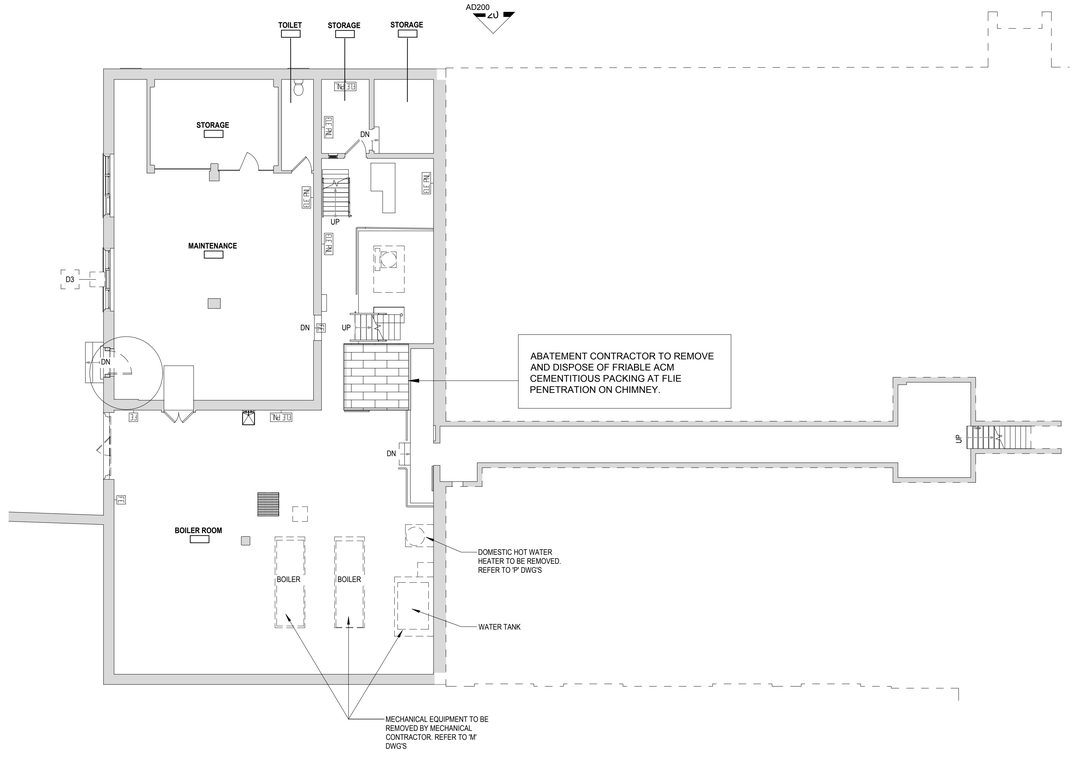
11



BASEMENT ABATEMENT PLAN - AREA B

1/8" = 1'-0"

20



SUB-BASEMENT (BOILER ROOM) ABATEMENT PLAN - AREA B

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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KEY PLAN



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ABATEMENT PART PLANS - SUB/BASEMENT - GROUND FLOOR AREA A AND B

AA100-AB

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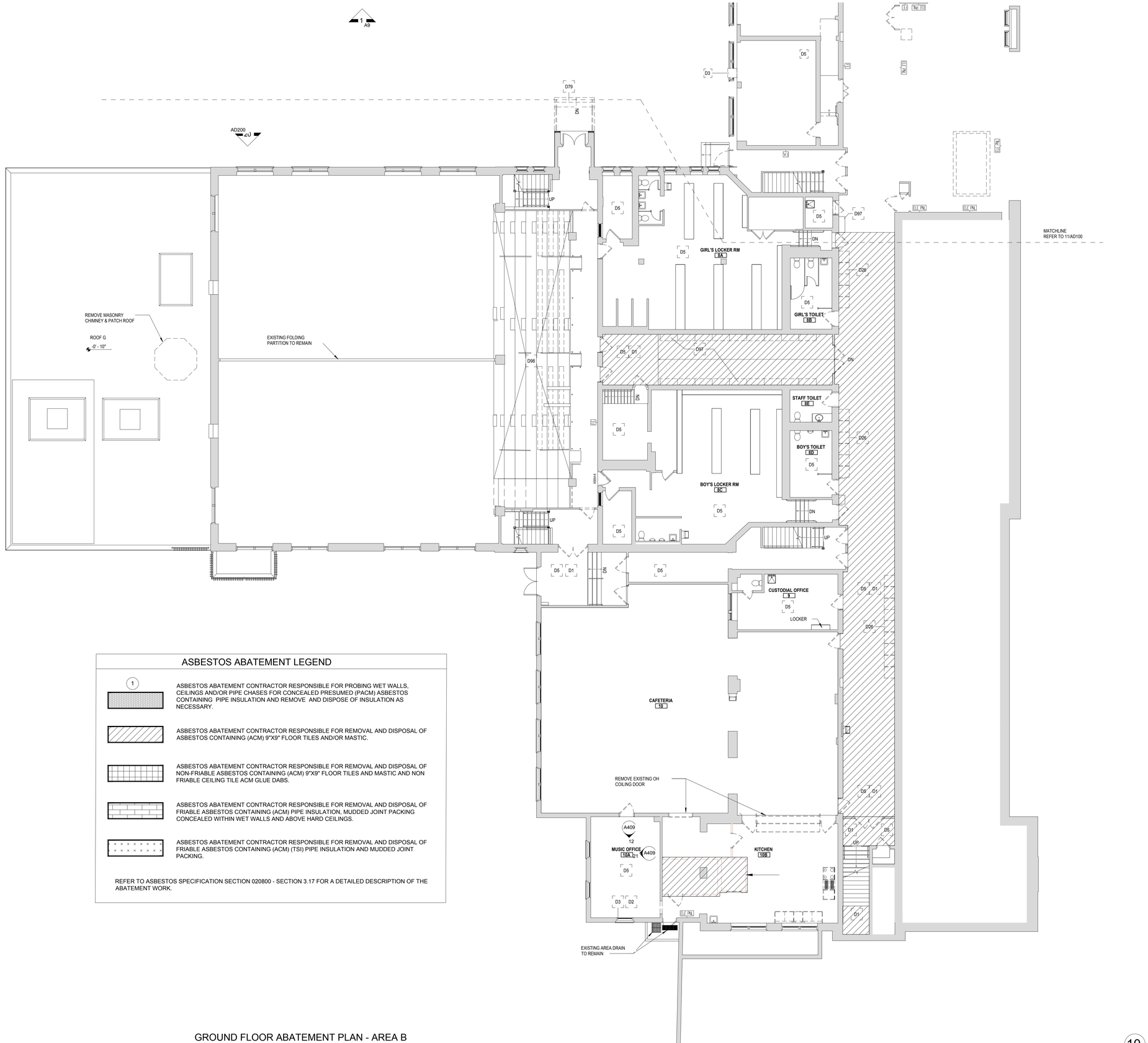
SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

H. **PRE-ABATEMENT WORK NOTES:**
THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES AND PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO THE COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL, AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

I. **POST-ABATEMENT WORK NOTES:**
1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.
2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.



ASBESTOS ABATEMENT LEGEND

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REFER TO ASBESTOS SPECIFICATION SECTION 020800 - SECTION 3.17 FOR A DETAILED DESCRIPTION OF THE ABATEMENT WORK.

GROUND FLOOR ABATEMENT PLAN - AREA B
1/8" = 1'-0"

10

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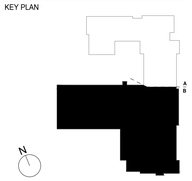

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ABATEMENT PART PLAN - GROUND FLOOR AREA B

AA101-B

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KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT AND DEMO DRAWINGS.
D2 REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC UNDER GENERAL CONDITIONS. REFER TO DEMO DRAWINGS.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D7 REMOVE EXISTING BRICK AND GLASS BLOCK WALL FROM WAINSCOT/SOLDIER COURSE TO STRUCTURE ABOVE.
D25 REMOVE AND PROPERLY DISPOSE OF EXISTING METAL LOCKERS.
D26 REMOVE MUSICAL INSTRUMENT STORAGE LOCKERS AND TURN OVER TO OWNER. REINSTALL IN BASEMENT.
D92 UNIT VENTILATOR, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS. DEMO
D95 REMOVE EXISTING FLOOR, WALL TILE AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.

ASBESTOS ABATEMENT LEGEND

(1) ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING WET WALLS, CEILINGS AND/OR PIPE CHASES FOR CONCEALED PRESUMED (PACM) ASBESTOS CONTAINING PIPE INSULATION AND REMOVE AND DISPOSE OF INSULATION AS NECESSARY.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND/OR MASTIC.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS CONTAINING (ACM) 9"X9" FLOOR TILES AND MASTIC AND NON FRIABLE CEILING TILE ACM GLUE DABS.

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS CONTAINING (ACM) PIPE INSULATION, MUDDED JOINT PACKING CONCEALED WITHIN WET WALLS AND ABOVE HARD CEILINGS.

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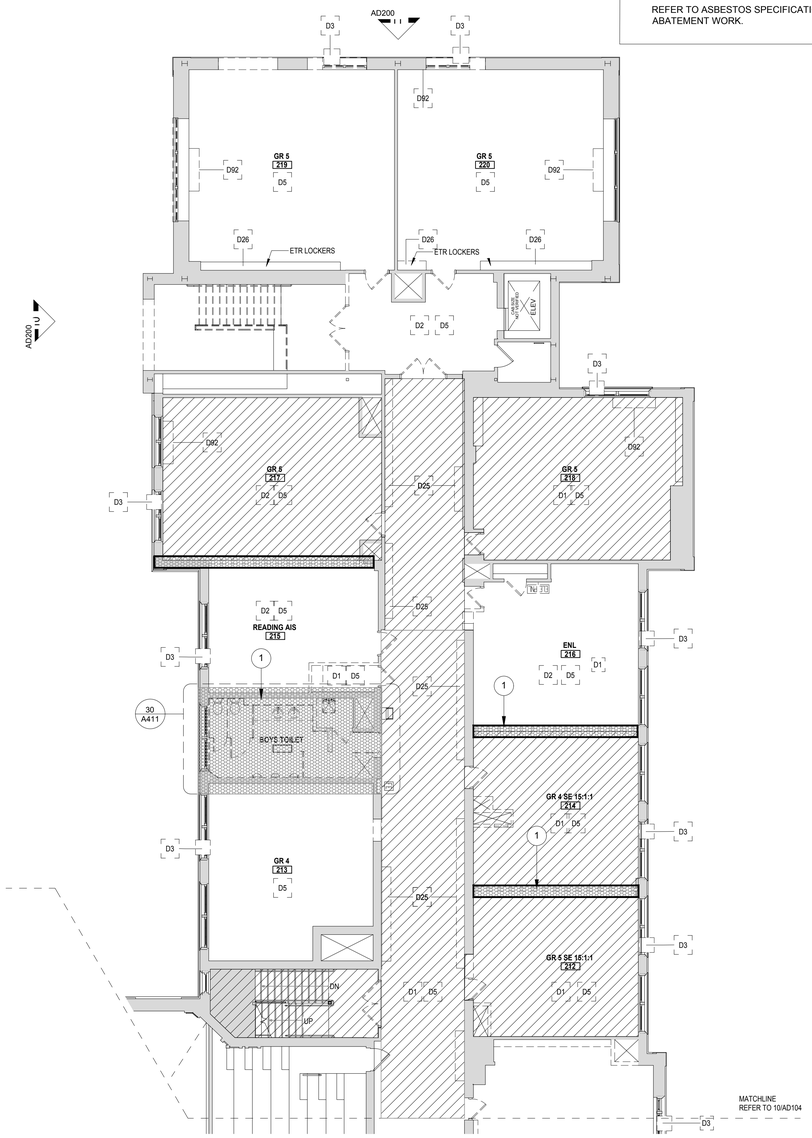
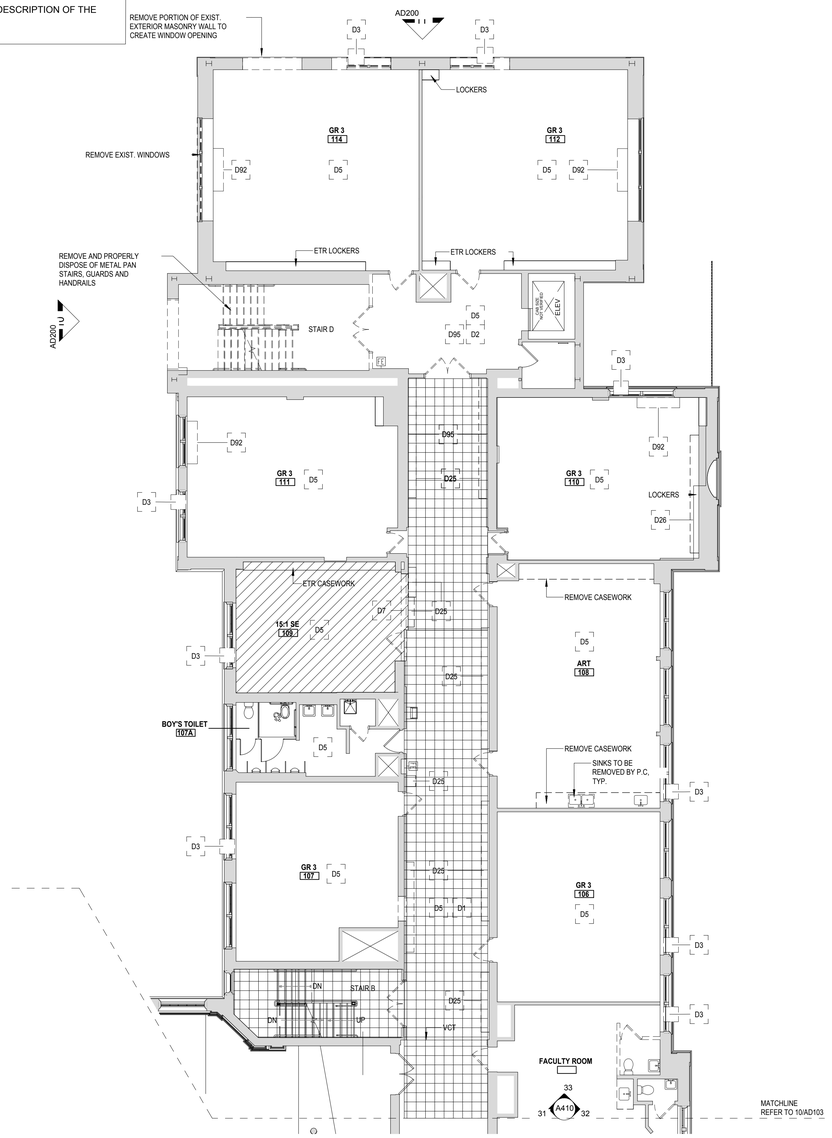


SECOND FLOOR ABATEMENT - AREA A
1/8" = 1'-0"

11



FIRST FLOOR ABATEMENT PLAN - AREA A
1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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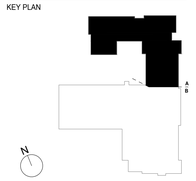
STATE OF NEW YORK — JOSHUA MICHAEL SCHNEIDER — LICENSED PROFESSIONAL ENGINEER — 067537
EXPIRATION DATE 11-30-2028

SEAL

ISSUE	DATE
ISSUED FOR BID	03/27/2026
DESIGN DEVELOPMENT	06/30/2025
ISSUED FOR PERMIT	10/31/2025

KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

ABATEMENT PART PLANS - FIRST AND SECOND FLOOR AREA A

AA102-A

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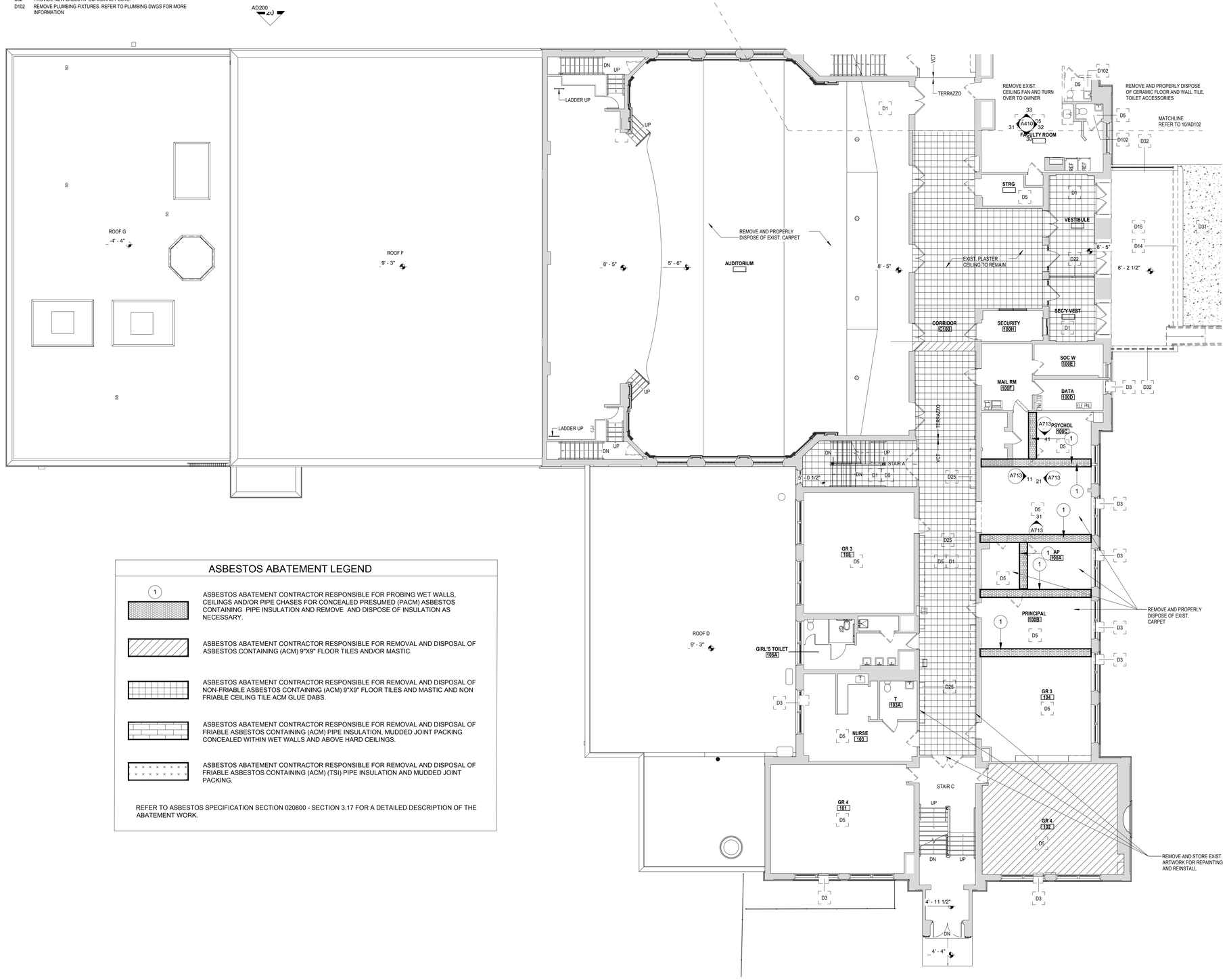
KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT AND DEMO DRAWINGS.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D14 REMOVE EXISTING PRE-CAST CONCRETE STEPS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGE STEPS.
D15 REMOVE EXISTING FLAGSTONE PAVERS AND RESET. ALLOW FOR 25% REPLACEMENT OF DAMAGED PAVERS.
D22 REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY AND STORE FOR INSTALLATION TO ACCOMODATE NEW WORK
D25 REMOVE AND PROPERLY DISPOSE OF EXISTING METAL LOCKERS.
D31 REMOVE EXISTING CONCRETE PAVERS AND REPLACE WITH NEW.
D32 PROVIDE NEW BASES AT GUARDRAIL POSTS.
D102 REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION



ASBESTOS ABATEMENT LEGEND

1

ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING WET WALLS, CEILINGS AND/OR PIPE CHASES FOR CONCEALED PRESUMED (PACM) ASBESTOS CONTAINING PIPE INSULATION AND REMOVE AND DISPOSE OF INSULATION AS NECESSARY.

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FIRST FLOOR ABATEMENT PLAN - AREA B

1/8" = 1'-0"

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2024 CAPITAL BOND PROJECT - PHASE 2

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STATE OF NEW YORK
JOSEPH MICHAEL MEMASI
LICENSED PROFESSIONAL ENGINEER
067537
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KEY PLAN



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ABATEMENT PART PLAN - FIRST FLOOR AREA B

AA102-B

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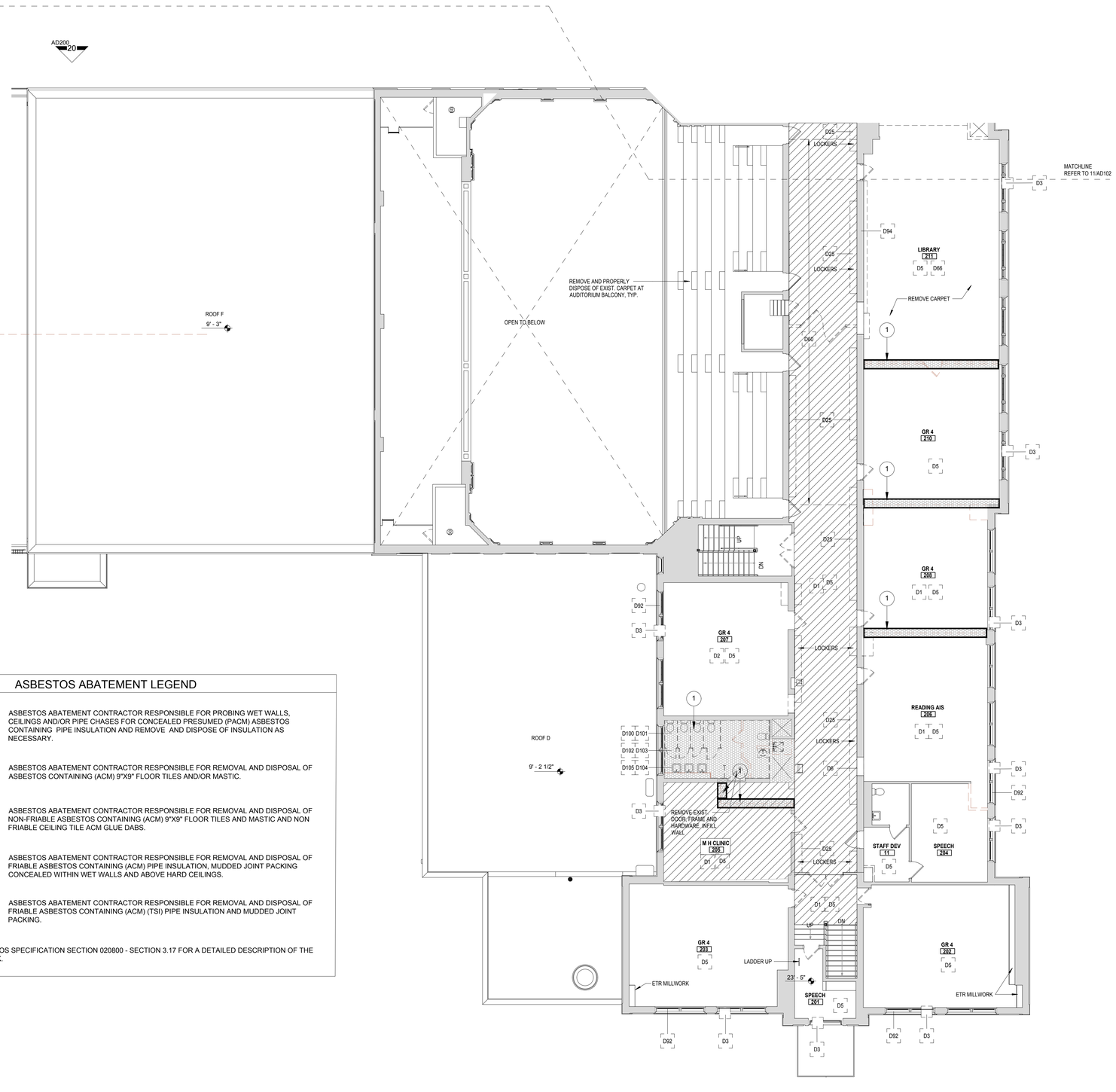
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC UNDER GENERAL CONDITIONS. REFER TO DEMO DRAWINGS.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D6	SAWCUT MASONRY WALL ON COURSE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
D25	REMOVE AND PROPERLY DISPOSE OF EXISTING METAL LOCKERS.
D60	REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED SUPPORTS.
D66	REMOVE EXIST CASEWORK/SHELVING/BUILT-IN FURNISHINGS.
D92	UNIT VENTILATOR, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS. DEMO
D94	PROTECT EXISTING MURAL TO REMAIN
D100	REMOVE TOILET PARTITION IN ITS ENTIRETY.
D101	REMOVE WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.
D102	REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION
D103	REMOVE EXISTING WALL TILE INCLUDING MORTAR AND SUBSTRATE
D104	PORTION OF EXISTING WALL CONSTRUCTION TO BE REMOVED INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB
D105	REMOVE AND PROPERLY DISPOSE OF EXISTING TOILET ACCESSORIES.

DEMOLITION LEGEND

- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



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SECOND FLOOR ABATEMENT - AREA B
1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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067937

EXPIRATION DATE 11-30-2028

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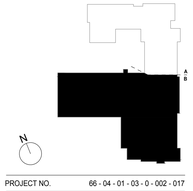

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ABATEMENT PART PLAN - SECOND FLOOR AREA B

AA103-B

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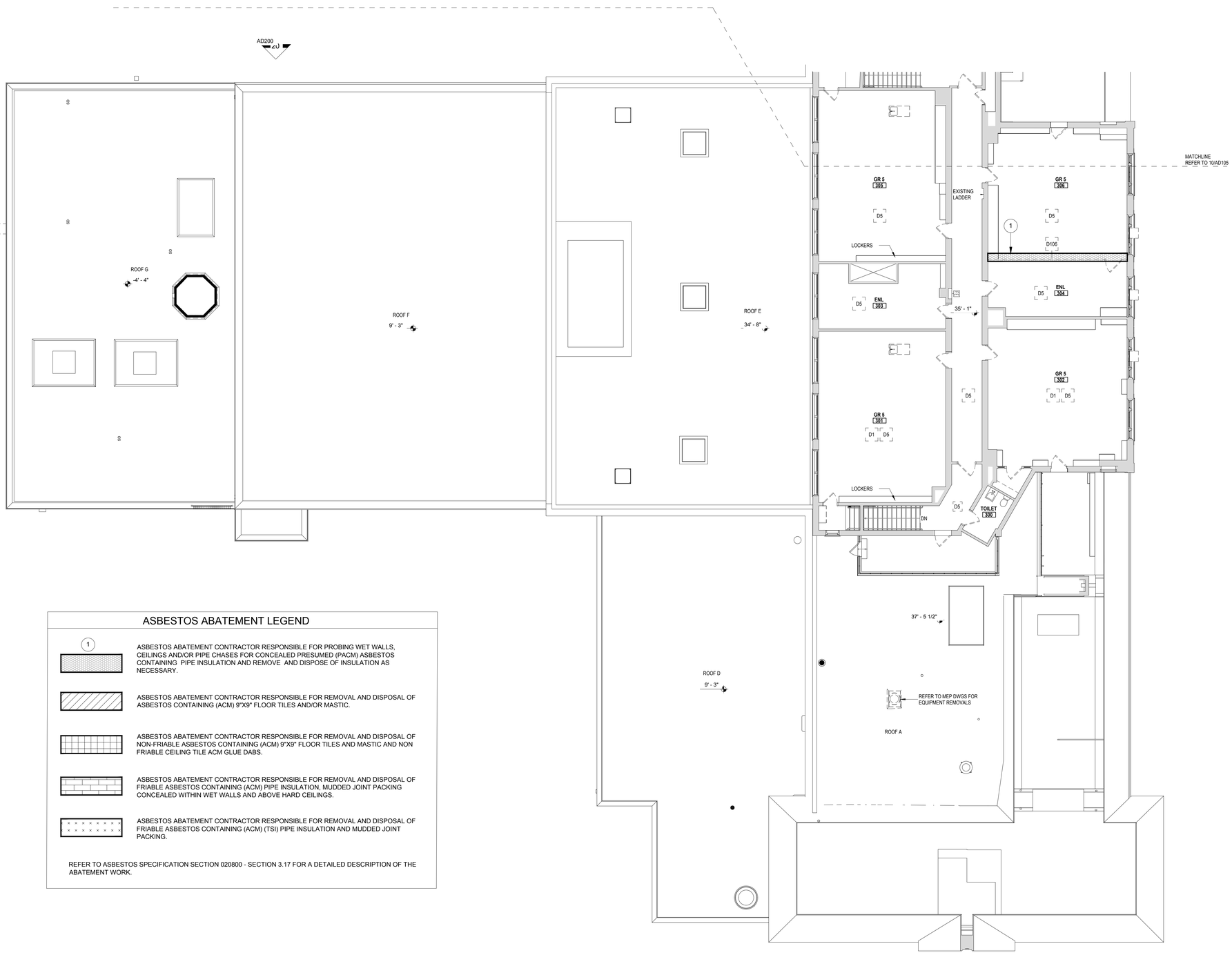

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THIRD FLOOR ABATEMENT PLAN - AREA B
1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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STATE OF NEW YORK
MICHAEL NICHOLAS MEMASI
090757
LICENSED PROFESSIONAL ENGINEER
EXPIRATION DATE 11-30-2028

SEAL

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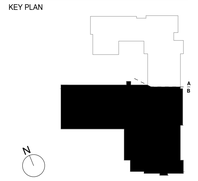

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ABATEMENT PART PLAN - THIRD FLOOR AREA B

AA104-B

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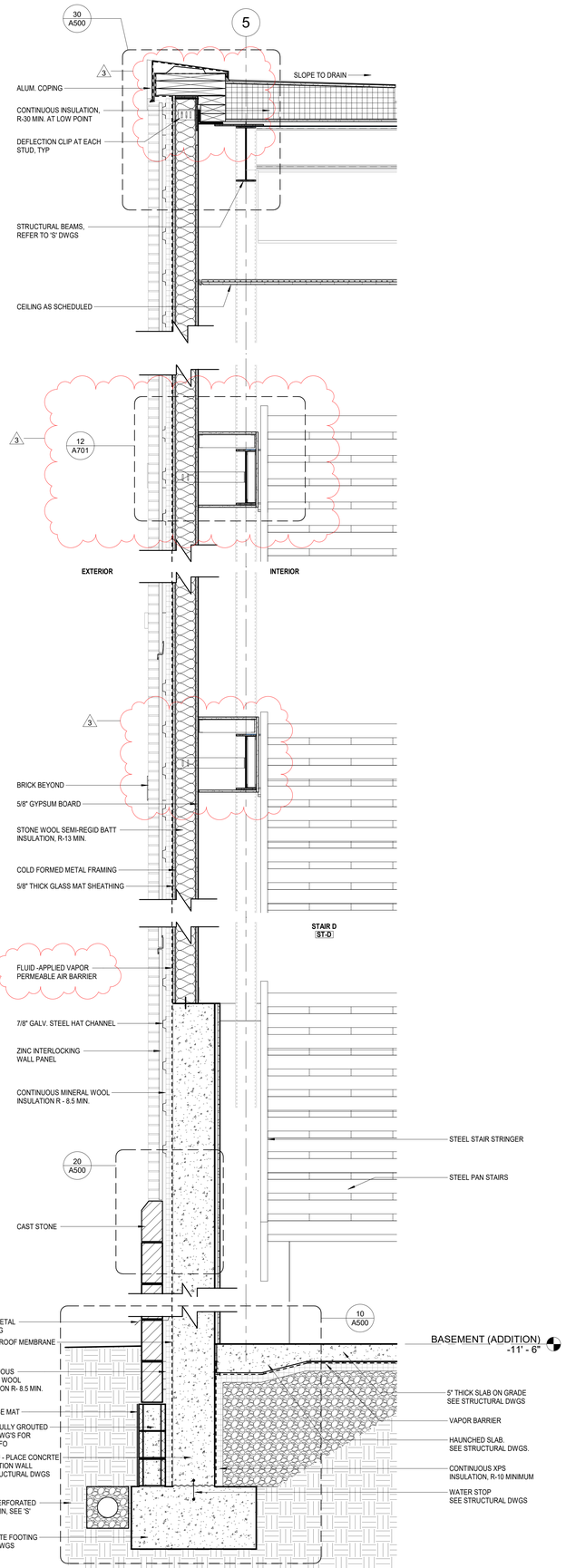
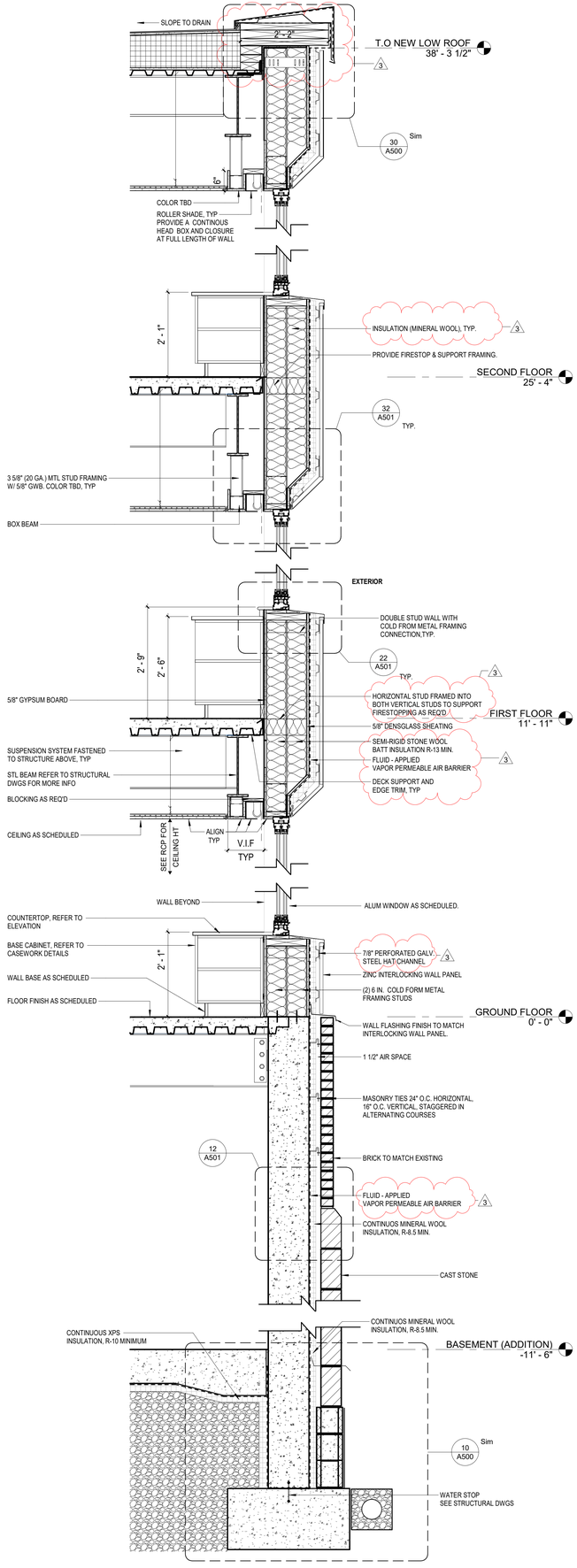


WALL SECTION @ STAIR D

3/4" = 1'-0"

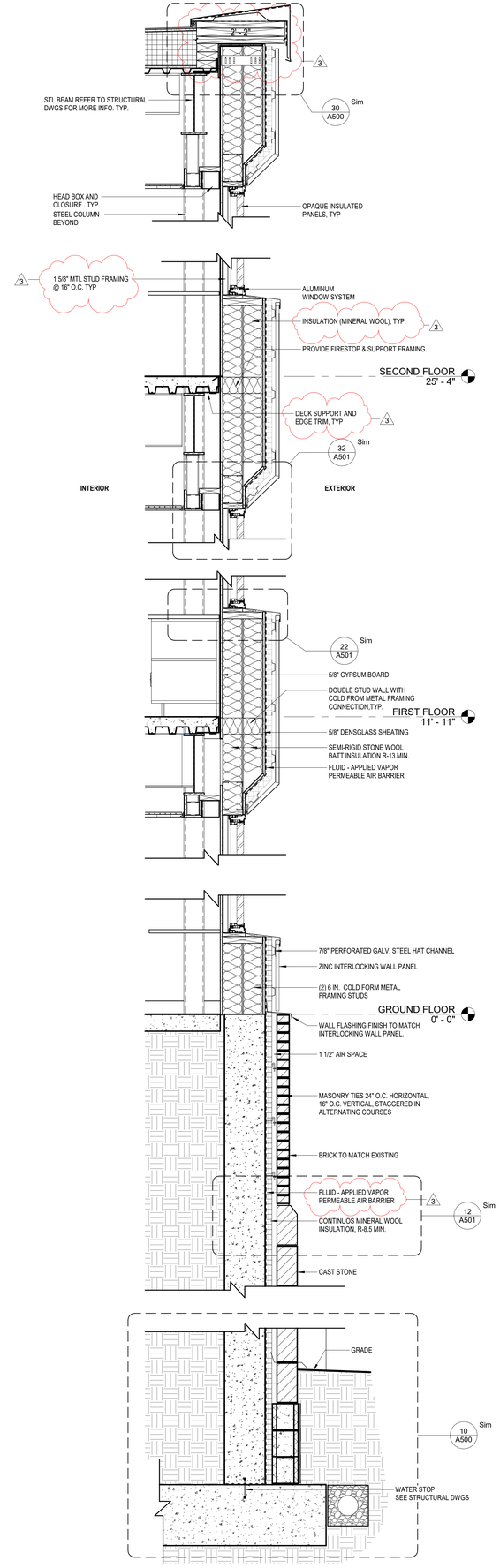
12



WALL SECTION @ SLOPED CLASSROOM WINDOW

3/4" = 1'-0"

11



WALL SECTION THROUGH METAL PANEL @ CLASSROOM

3/4" = 1'-0"

10

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BID ADDENDUM	3	04/10/2026
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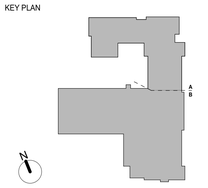

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WALL SECTIONS

A350

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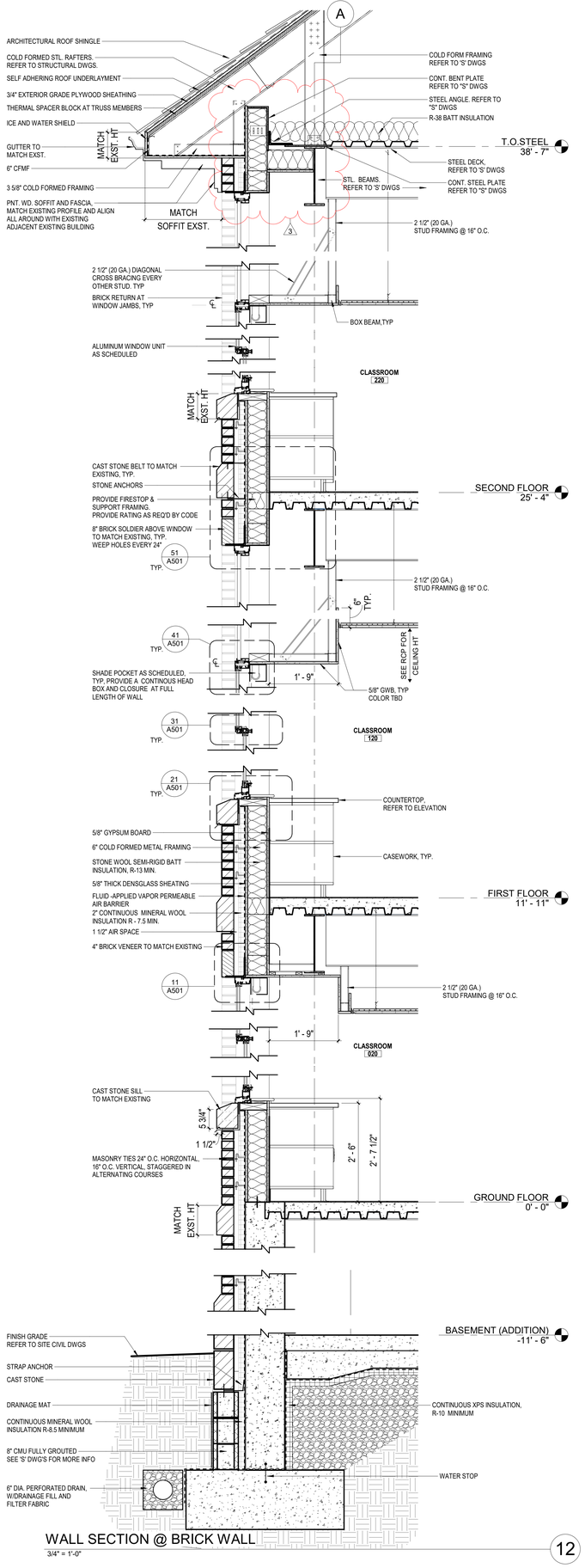
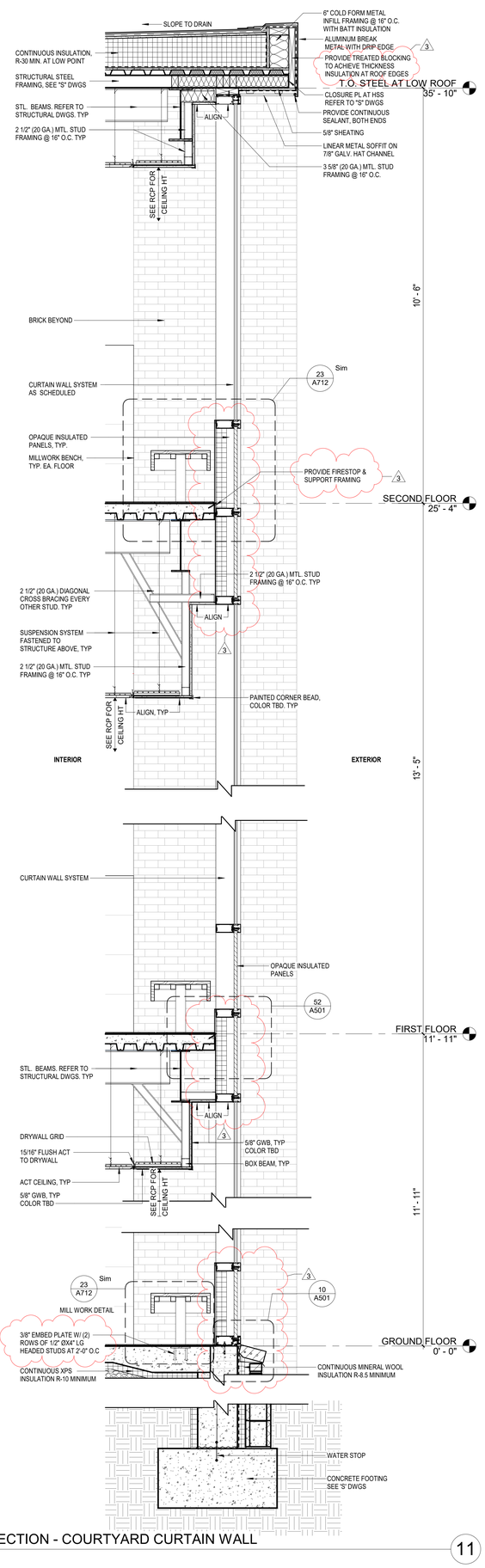


WALL SECTION @ BRICK WALL

3/4" = 1'-0"

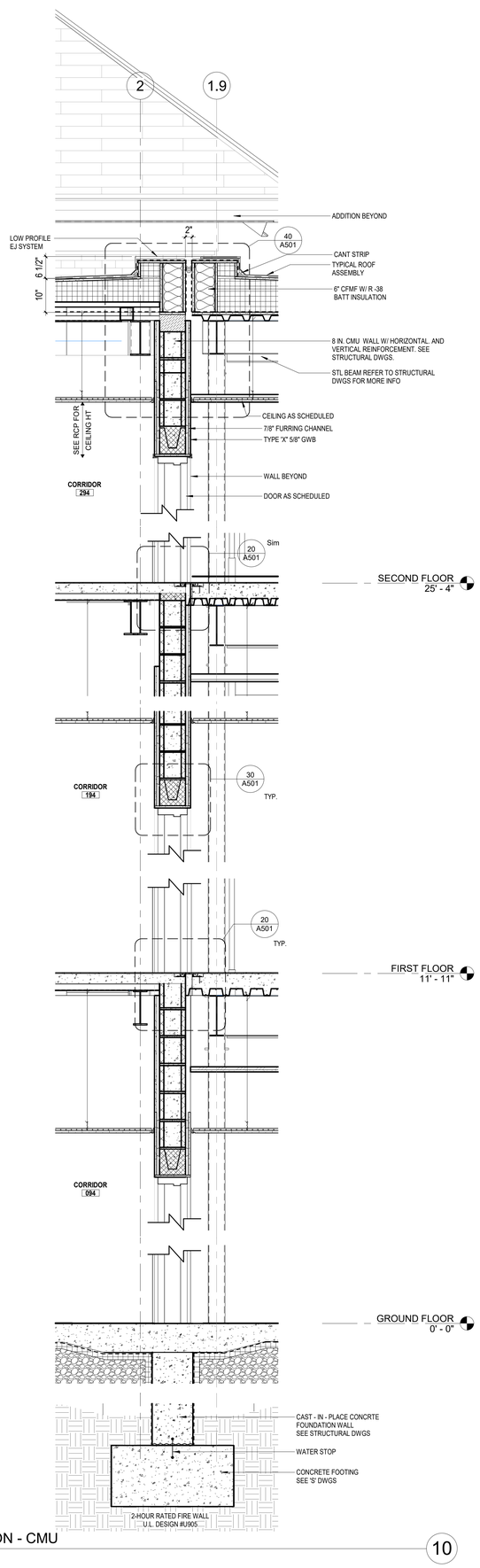
12



WALL SECTION - COURTYARD CURTAIN WALL

3/4" = 1'-0"

11



WALL SECTION - CMU

3/4" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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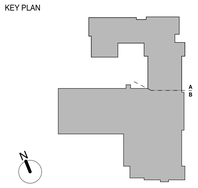
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

WALL SECTIONS

A351

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SHEET NOTES

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3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

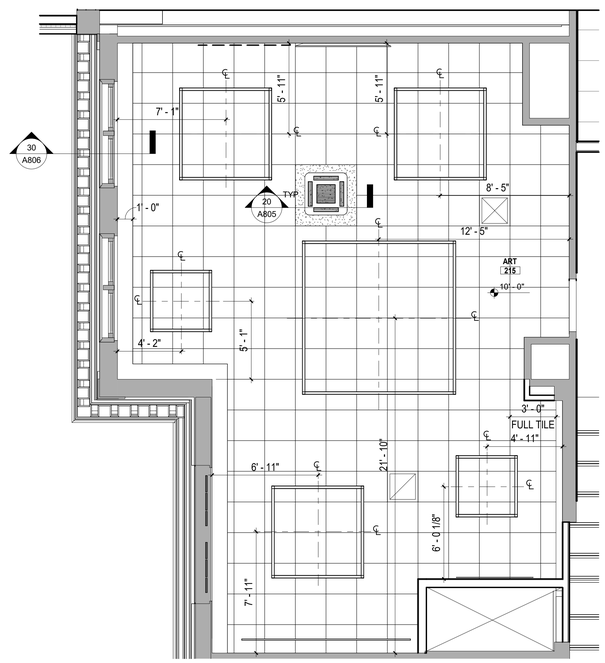
SYMBOL/ABBREVIATION LEGEND

SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD
AWP-"XX"	ACOUSTIC WALL PANEL

LEGEND

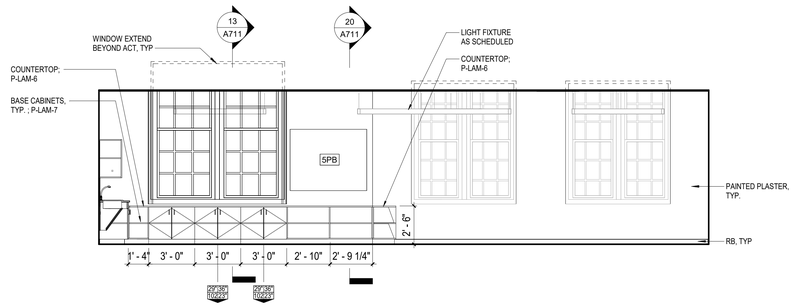
- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

SPECIALTY EQUIPMENT LEGEND		
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



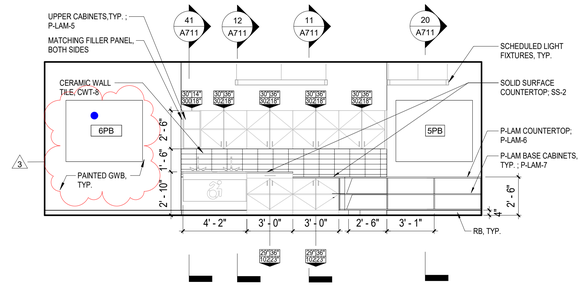
ENLARGED REFLECTED CEILING PLAN - ART ROOM
1/4" = 1'-0"

30



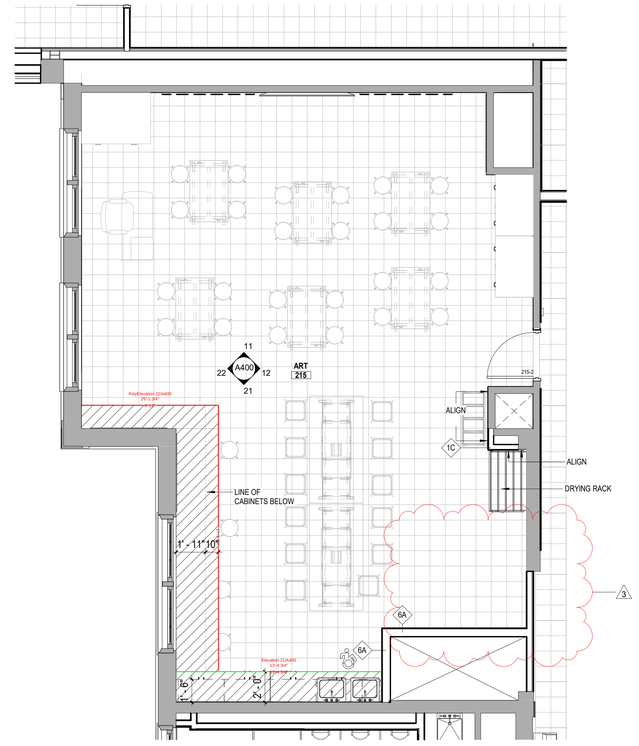
ART ROOM - WEST ELEVATION
1/4" = 1'-0"

22



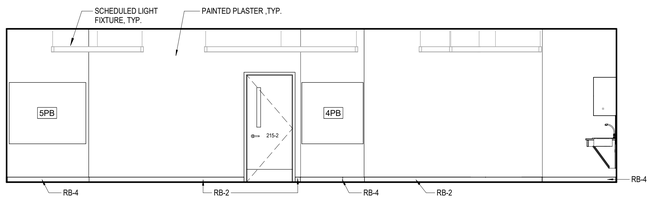
ART ROOM - SOUTH ELEVATION
1/4" = 1'-0"

21



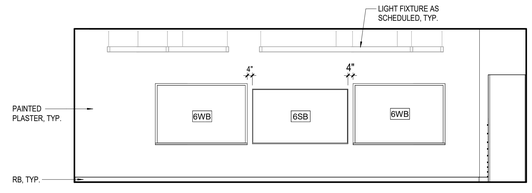
ENLARGED FLOOR PLAN - ART ROOM
1/4" = 1'-0"

10



ART ROOM - EAST ELEVATION
1/4" = 1'-0"

12



ART ROOM - NORTH ELEVATION
1/4" = 1'-0"

11

Public Schools of the Tarrytowns

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SEAL

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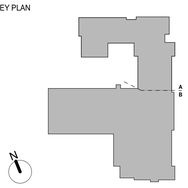
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

ART ROOM ENLARGED PLAN AND INTERIOR ELEVATIONS

A400

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SHEET NOTES

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WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.

Legend

Description	Quantity	Unit
AWP- Acoustical wall panel	228.34	sf

KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

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WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
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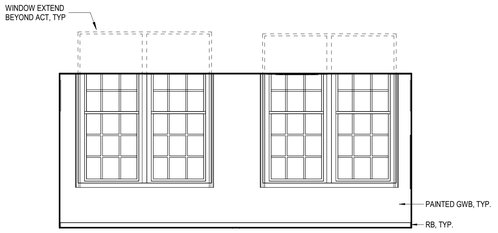
PB	PIN-UP BOARD
AWP-"XX"	ACOUSTIC WALL PANEL

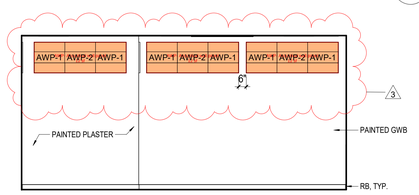
LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE



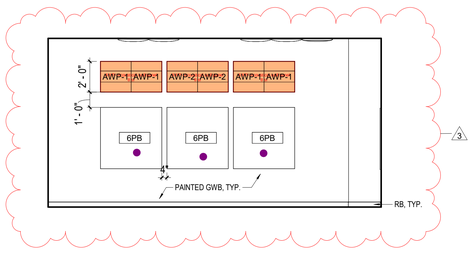
MUSIC PRACTICE - WEST ELEVATION 52

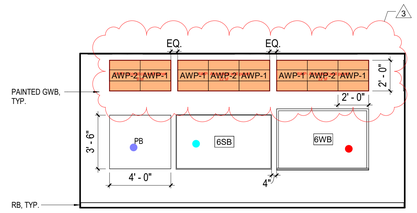
1/4" = 1'-0"



MUSIC PRACTICE - SOUTH ELEVATION 42

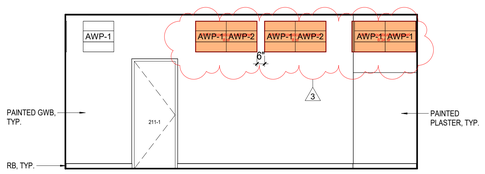
1/4" = 1'-0"





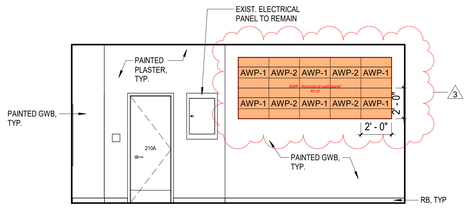
MUSIC PRACTICE - NORTH ELEVATION 51

1/4" = 1'-0"



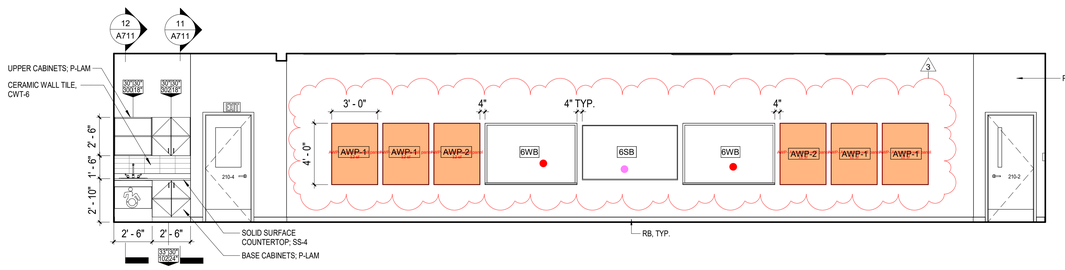
MUSIC PRACTICE - EAST ELEVATION 41

1/4" = 1'-0"



BAND & ORCHESTRA ROOM - SOUTH ELEVATION 32

1/4" = 1'-0"

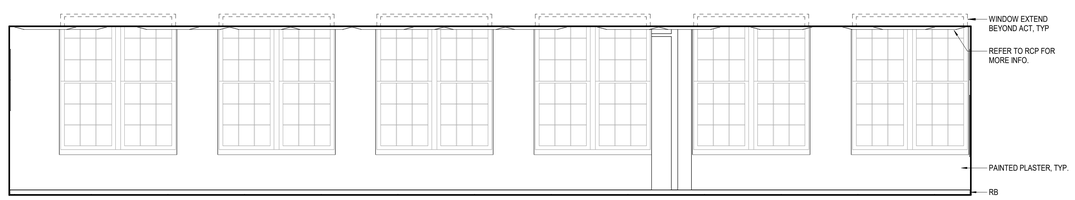


BAND & ORCHESTRA ROOM - NORTH ELEVATION 31

1/4" = 1'-0"

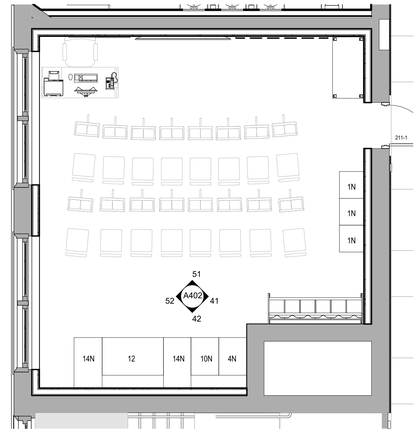
BAND & ORCHESTRA ROOM - WEST ELEVATION 21

1/4" = 1'-0"



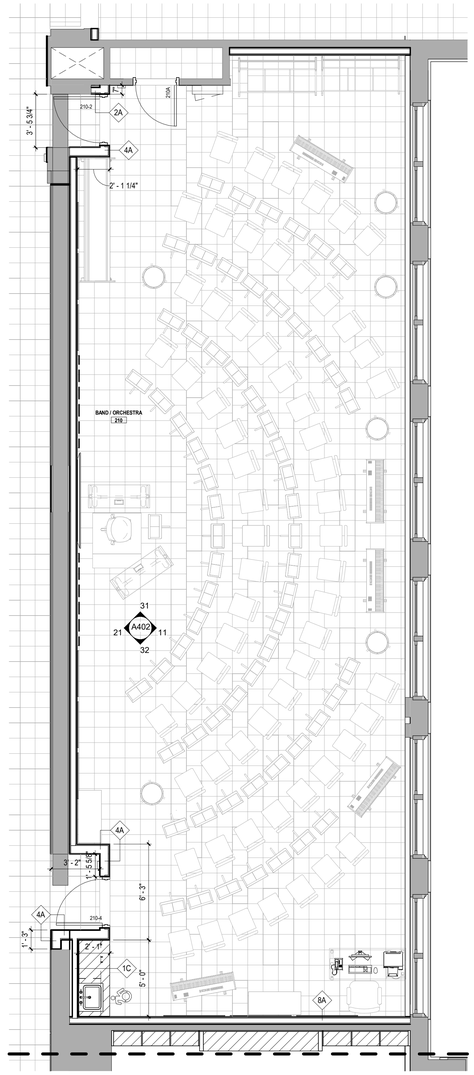
BAND & ORCHESTRA ROOM - EAST ELEVATION 11

1/4" = 1'-0"



MUSIC PRACTICE - ENLARGED PLAN 40

1/4" = 1'-0"



BAND AND ORCHESTRA ROOM - ENLARGED PLAN 10

1/4" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

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ISSUED FOR BID		03/27/2026
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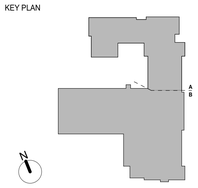
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

BAND AND ORCHESTRA ENLARGED PLAN AND ELEVATIONS

A402

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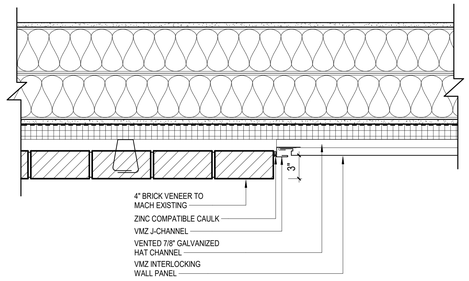
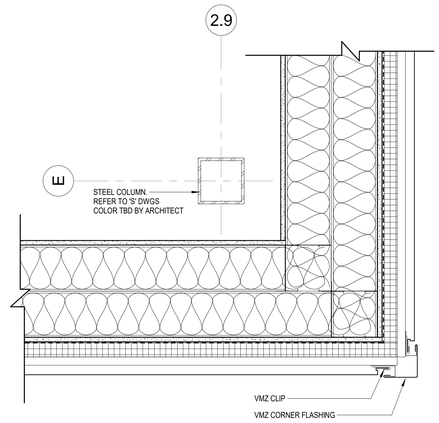
SHEET NOTES

KEY NOTES



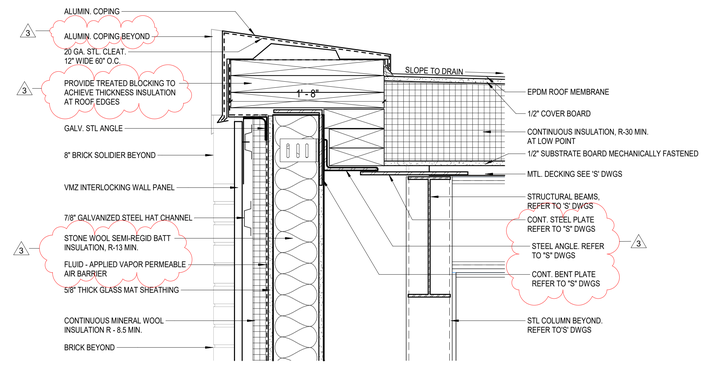
PLAN DETAIL @ BRICK AND ZINC PANEL 32

1 1/2" = 1'-0"



PLAN DETAIL @ VMZ EXTERIOR CORNER 31

1 1/2" = 1'-0"

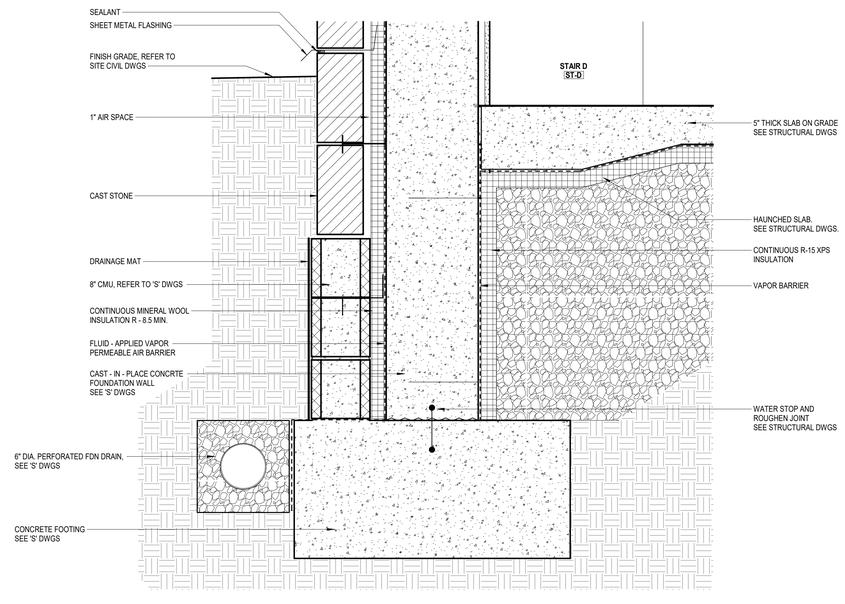


SECTION DETAIL @ STAIR D ROOF 30

1 1/2" = 1'-0"

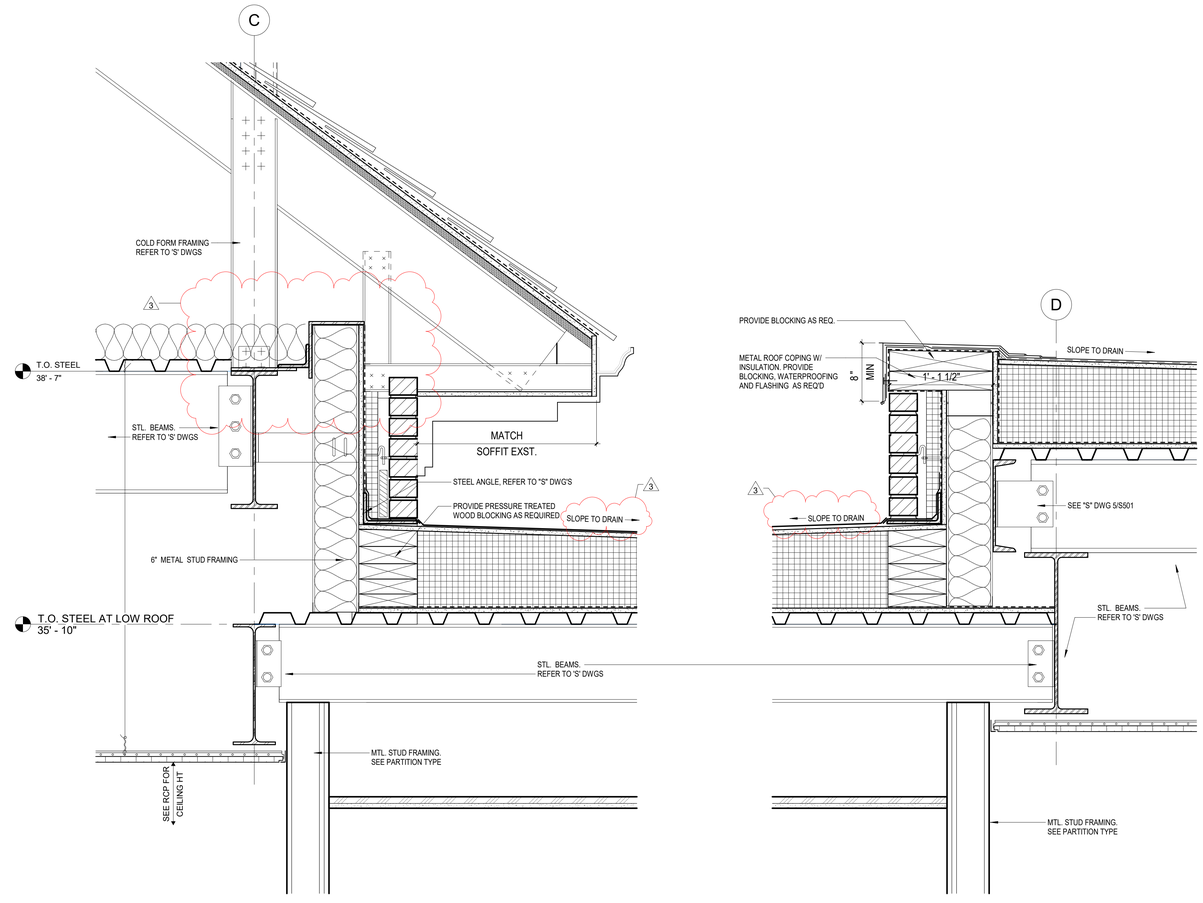
SECTION DETAIL @ STAIR D 20

1 1/2" = 1'-0"



SECTION @ STAIR D FOUNDATION 10

1 1/2" = 1'-0"



SECTION DETAIL @ ROOF TRANSITION 11

1 1/2" = 1'-0"

Public Schools of the Tarrytowns

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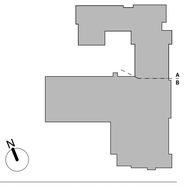

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

PLAN AND SECTION DETAILS

A500

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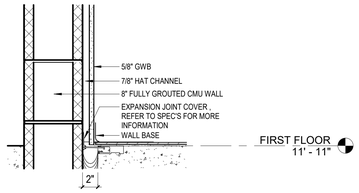
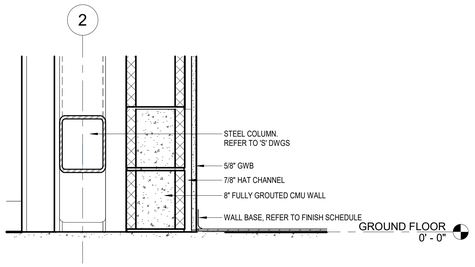
SHEET NOTES

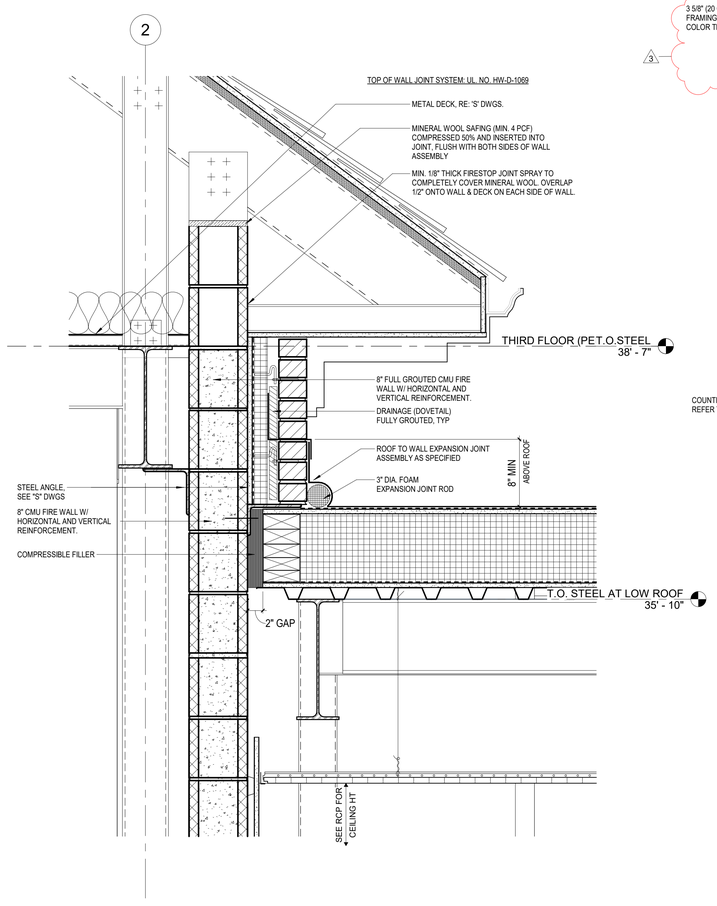
KEY NOTES



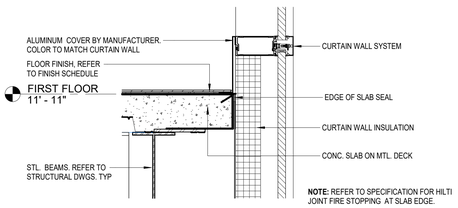
SECTION @ EXPANSION JOINT
1 1/2" = 1'-0"
53



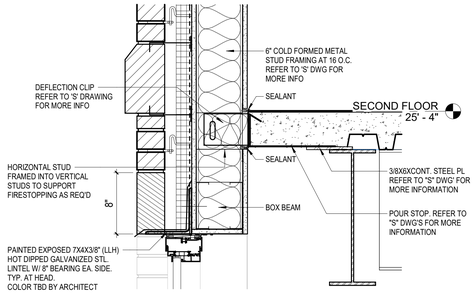
FURRED - OUT CMU WALL SECTION @ STAIR E
1 1/2" = 1'-0"
43



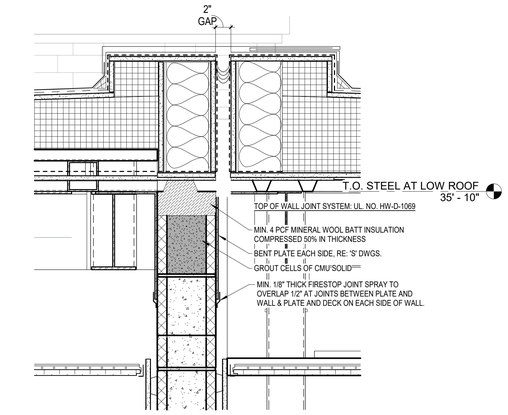
SECTION @ CONCEALED EXP JOINT
1 1/2" = 1'-0"
13

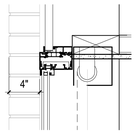


FIRESTOP DETAIL @ CW3
1 1/2" = 1'-0"
52



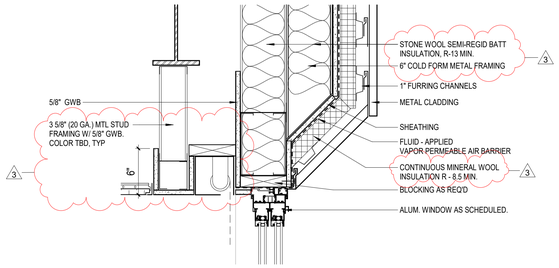
HEAD DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
51





TRANSOM DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
41

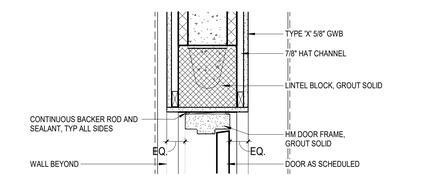
WALL SECTION @ TOP OF CMU WALL
1 1/2" = 1'-0"
40



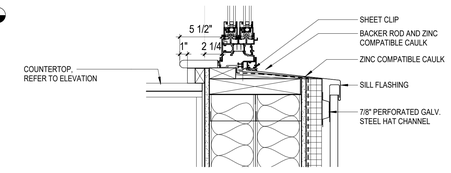
SECTION @ CLASSROOM (121) WINDOW HEAD
1 1/2" = 1'-0"
32



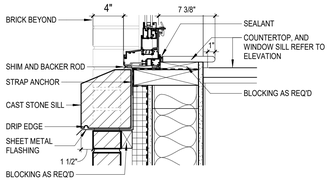
MULLION DETAIL @ CLASSROOM (120)
1 1/2" = 1'-0"
31



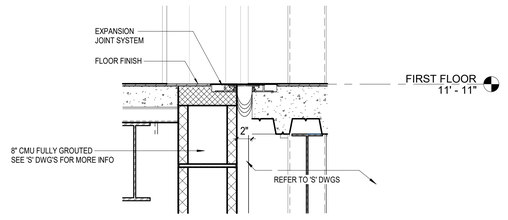
SECTION @ DOOR HEAD IN CMU WALL
1 1/2" = 1'-0"
30



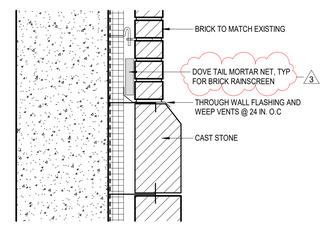
SECTION @ CLASSROOM (121) WINDOW SILL
1 1/2" = 1'-0"
22



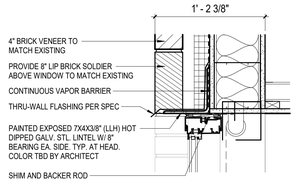
SILL DETAIL @ ADDITION CLASSROOM (120)
1 1/2" = 1'-0"
21



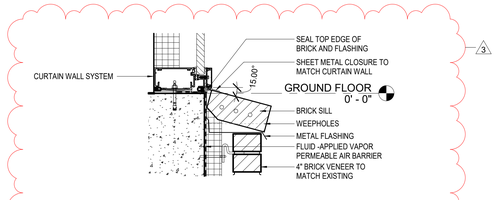
SECTION @ EXPANSION JOINT FIRST FLOOR
1 1/2" = 1'-0"
20



SECTION @ BRICK AND CAST STONE
1 1/2" = 1'-0"
12



HEAD DETAIL @ ADDITION CLASSROOM (20)
1 1/2" = 1'-0"
11



SILL DETAIL @ CURTAIN WALL
1 1/2" = 1'-0"
10

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992 BEDFORD STREET
BRIDGEWATER, MA. 02324

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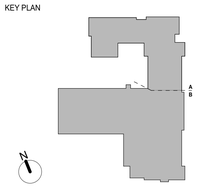
BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



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SECTION DETAILS

A501

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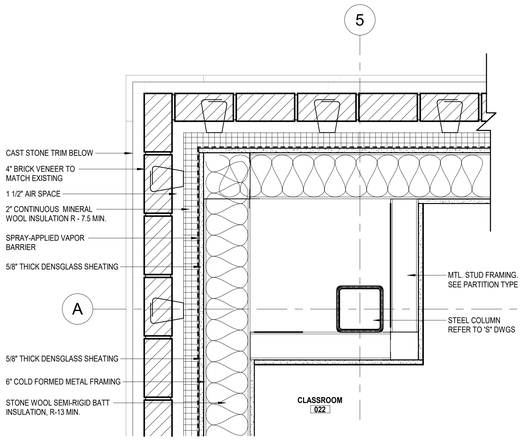
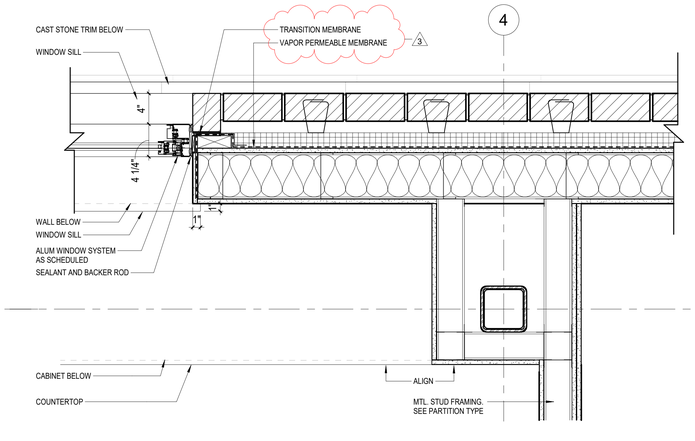


EXTERIOR PLAN DETAIL @ COLUMN A-5

1 1/2" = 1'-0"

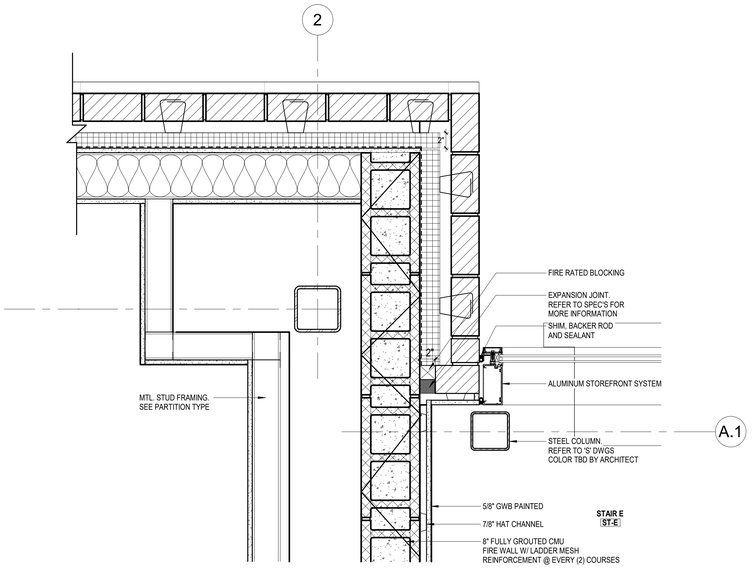
22



EXTERIOR JAMB DETAIL NEAR COLUMN A-4

1 1/2" = 1'-0"

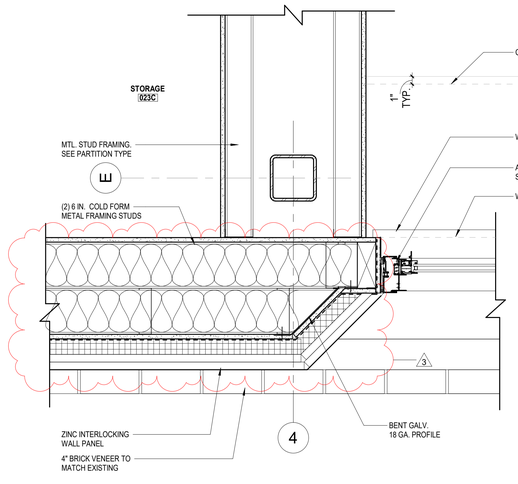
21



PLAN DETAIL @ COLUMN A-2

1 1/2" = 1'-0"

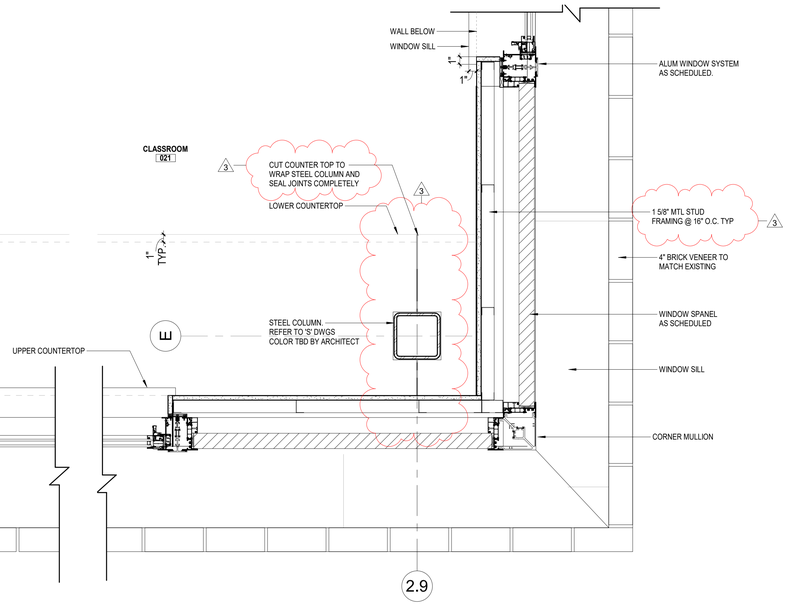
20



EXTERIOR JAMB DETAIL NEAR COLUMN E-4

1 1/2" = 1'-0"

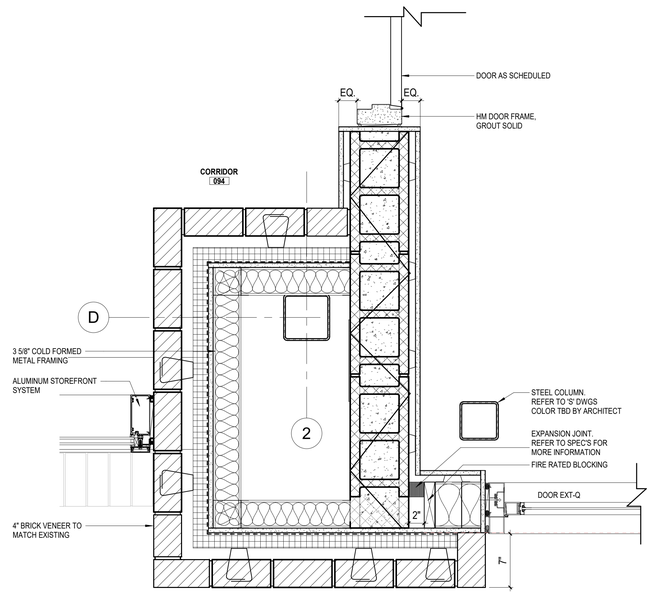
12



EXTERIOR JAMB DETAIL NEAR COLUMN E-2.9

1 1/2" = 1'-0"

11



PLAN DETAIL @ EXPASION JOINT

1 1/2" = 1'-0"

10

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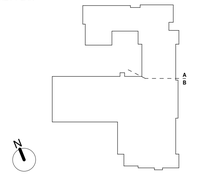
KEY PLAN



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PLAN DETAILS

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SHEET NOTES

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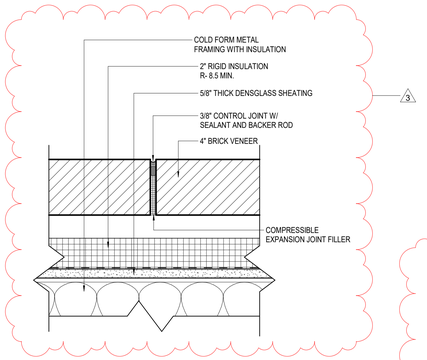
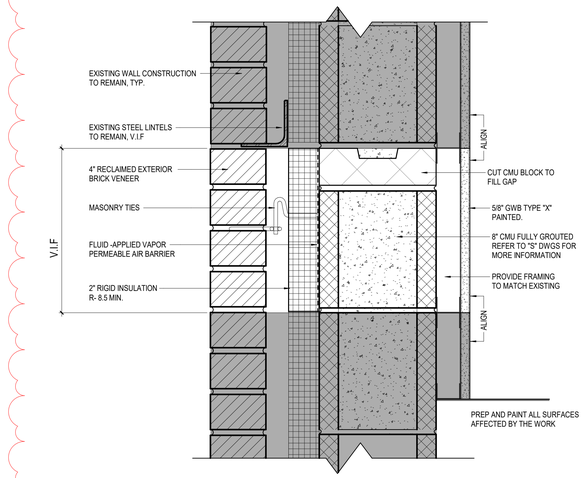
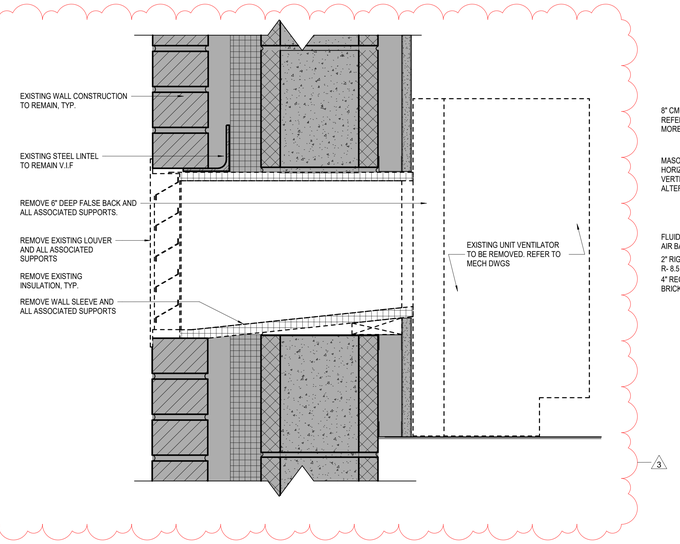
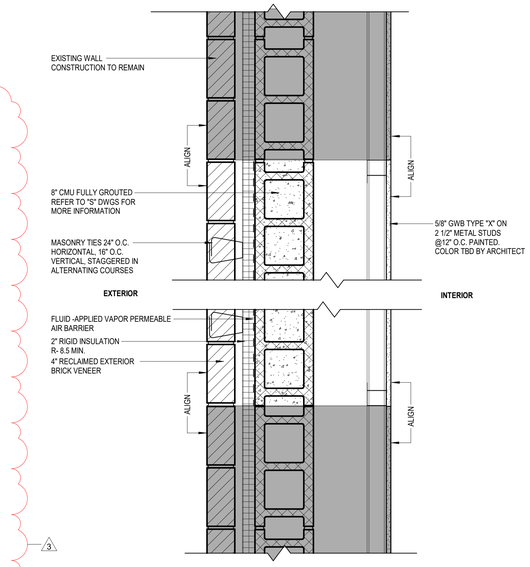


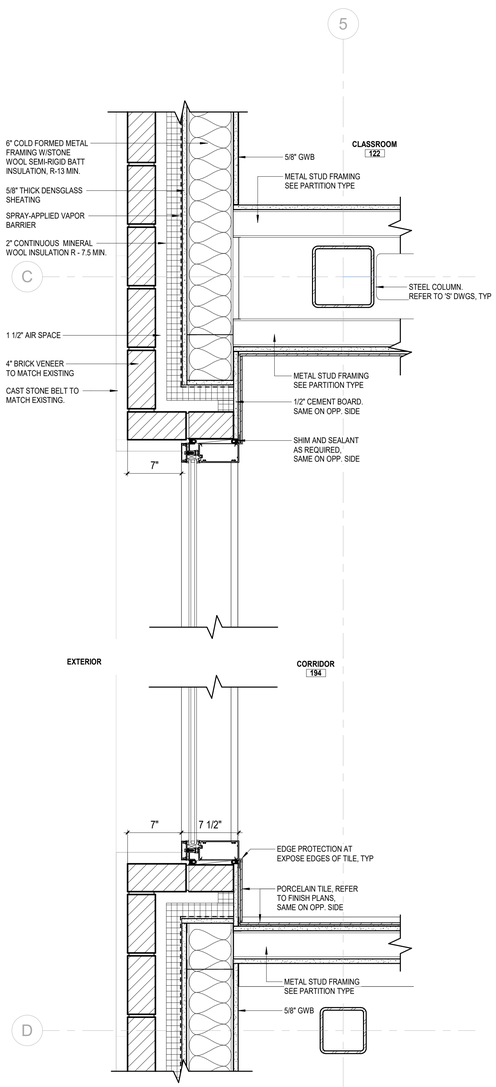
CONTROL JOINT DETAIL 33

3" = 1'-0"









PLAN DETAIL @ CORRIDOR (194) - NEW ADDITION 13

1 1/2" = 1'-0"

SECTION DETAIL @ LOUVER INFILL (1997 ADDITION) 22

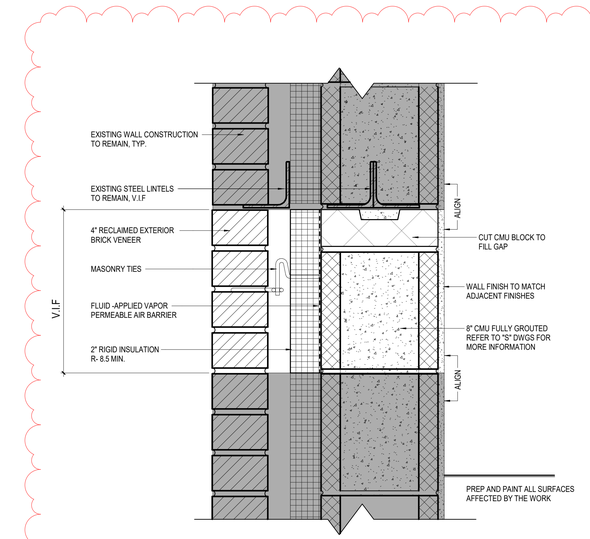
3" = 1'-0"

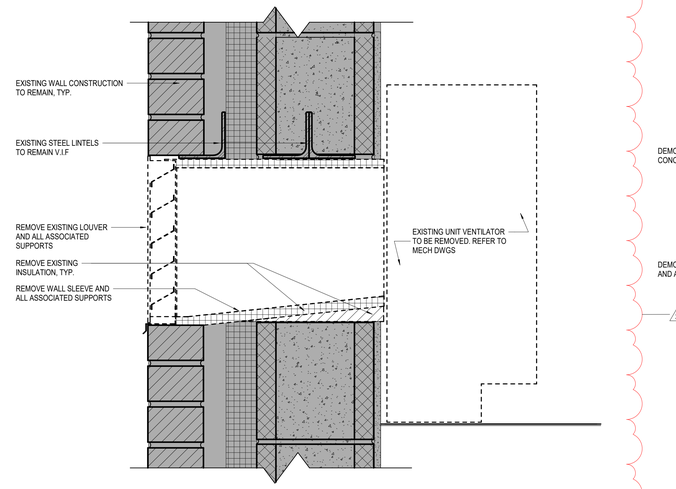
DEMO SECTION DETAIL @ EXTERIOR INTAKE LOUVER (1997 ADDITION) 21

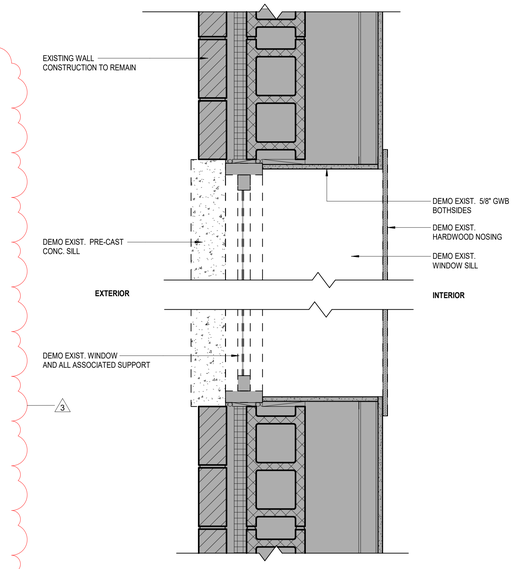
3" = 1'-0"

PLAN DETAIL @ WINDOW INFILL (1997 ADDITION) 20

1 1/2" = 1'-0"







SECTION DETAIL @ EXTERIOR BRICK INFILL (EXIST. BUILDING) 12

3" = 1'-0"

DEMO SECTION DETAIL @ EXTERIOR INTAKE LOUVER (EXIST. BUILDING) 11

3" = 1'-0"

DEMO PLAN DETAIL @ WINDOW (1997 ADDITION) 10

1 1/2" = 1'-0"

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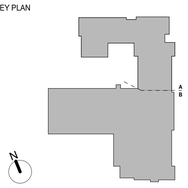

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PLAN AND SECTION DETAILS

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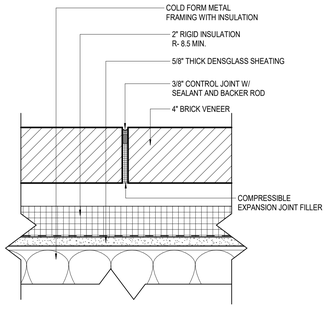
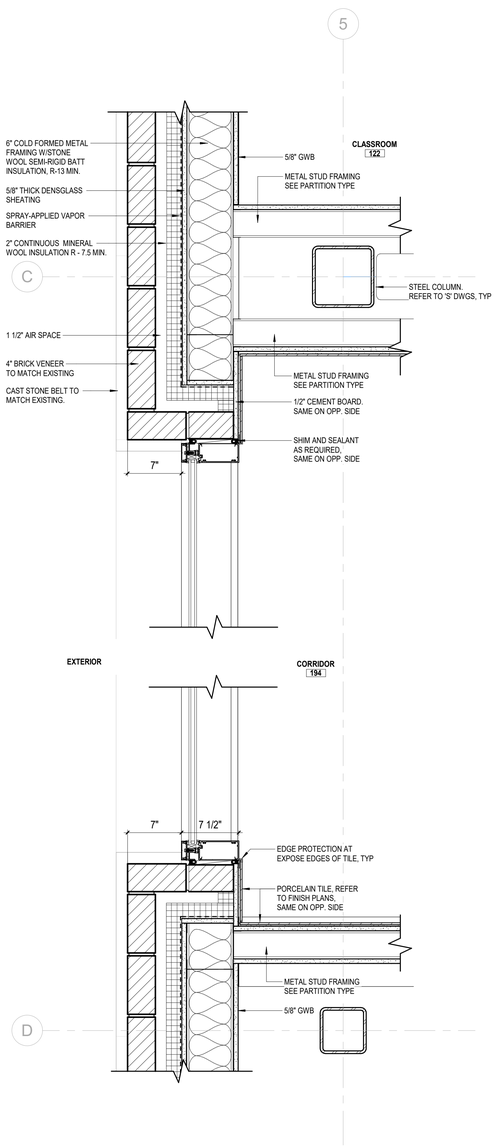
SHEET NOTES

KEY NOTES

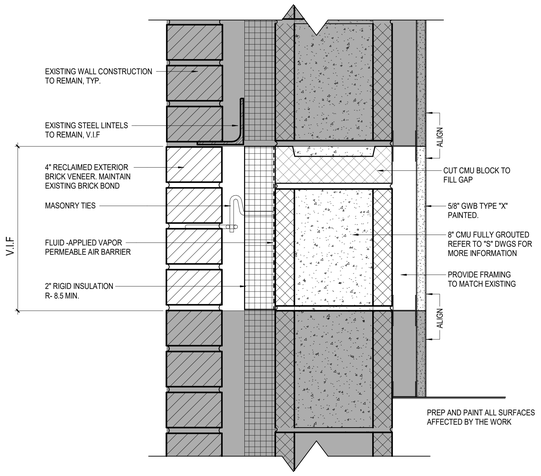
D120 CAREFULLY REMOVE, SALVAGE AND PROTECT THE FOLLOWING MASONRY ITEM: (PRE-CAST CONC. SILL)) FOR RE-INSTALLATION IN NEW LOCATION. PROVIDE NEW PRE-CAST SILL TO MATCH EXISTING IF UNABLE TO RETAIN. 6



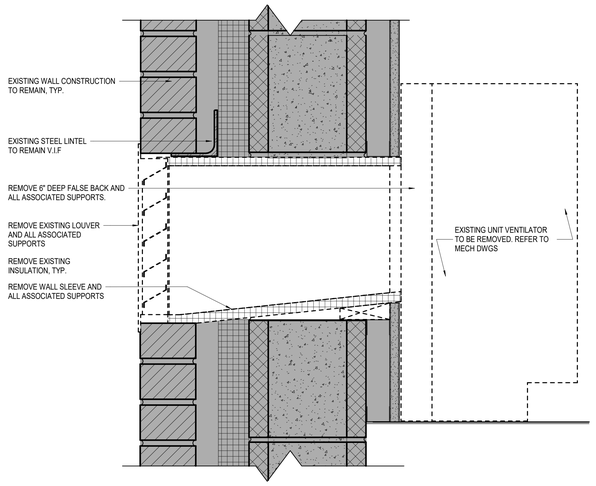
CONTROL JOINT DETAIL
3" = 1'-0" — 33



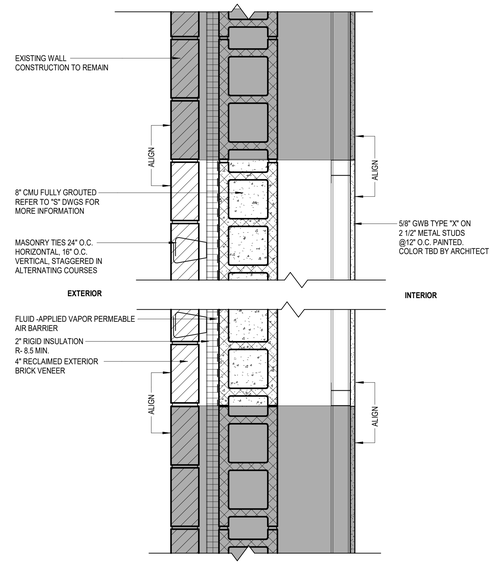
PLAN DETAIL @ CORRIDOR (194) - NEW ADDITION
1 1/2" = 1'-0" — 13



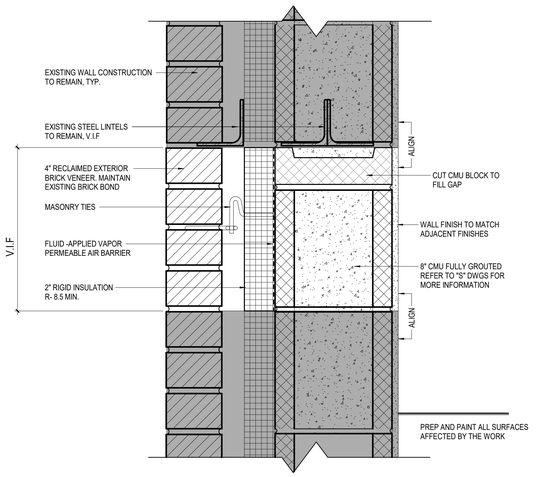
SECTION DETAIL @ LOUVER INFILL (1997 ADDITION)
3" = 1'-0" — 22



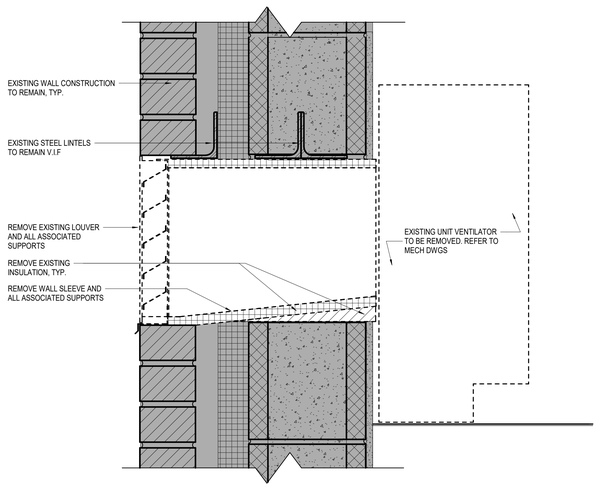
DEMO SECTION DETAIL @ EXTERIOR INTAKE LOUVER (1997 ADDITION)
3" = 1'-0" — 21



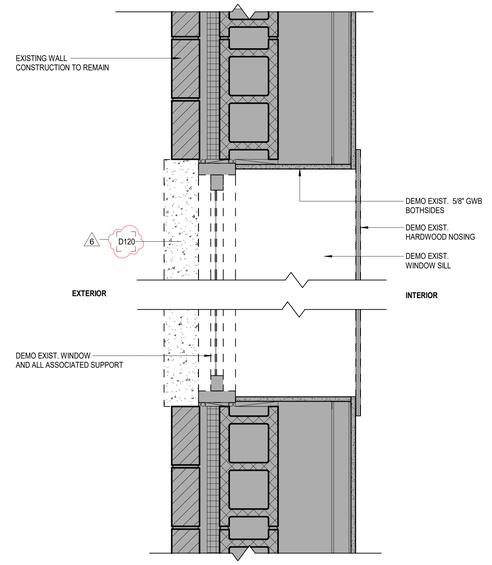
PLAN DETAIL @ WINDOW INFILL (1997 ADDITION)
1 1/2" = 1'-0" — 20



SECTION DETAIL @ EXTERIOR BRICK INFILL (EXIST. BUILDING)
3" = 1'-0" — 12



DEMO SECTION DETAIL @ EXTERIOR INTAKE LOUVER (EXIST. BUILDING)
3" = 1'-0" — 11



DEMO PLAN DETAIL @ WINDOW (1997 ADDITION)
1 1/2" = 1'-0" — 10

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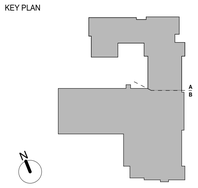
KEY PLAN



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PLAN AND SECTION DETAILS

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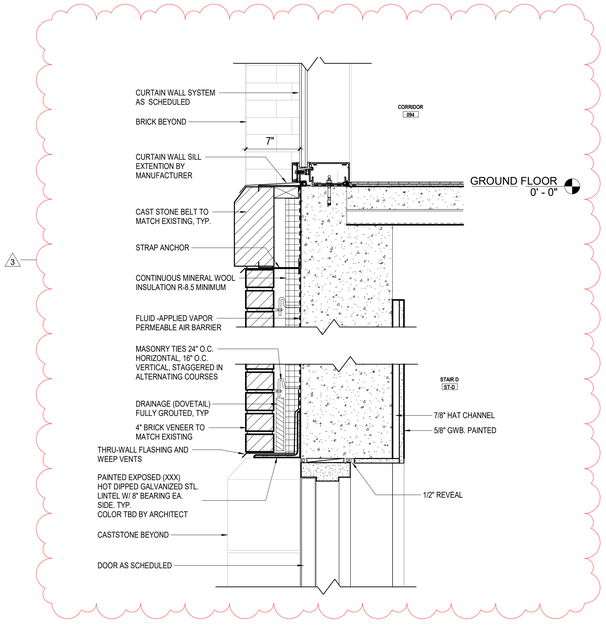

SECTION DETAIL @ DOOR STDB-1

1 1/2" = 1'-0"

10

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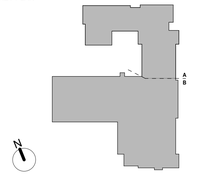
BRIDGEWATER, MA. 02324

SEAL

BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

SECTION DETAILS

A502.2

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. PROVIDE FIRE-RATED LOUVERS AT ALL CUSTODIAL CLOSET DOORS.

KEY NOTES

8.15 EXISTING FRAME TO REMAIN. STRIP, PREP AND PRIME EXISTING FRAME TO RECEIVE NEW FINISH.

GLAZING TYPES

G-1 FIRE-RATED, SAFETY RATED TEMPERED GLASS
FIRE PROTECTIVE: 20 MINUTES
(TGP FIREGLASS 20)
USED FOR CLASSROOM DOORS ONTO CORRIDOR

G-2 FIRE-RATED, SAFETY RATED LAMINATED GLASS CERAMIC
FIRE PROTECTIVE: 20 - 90 MINUTES
(TGP FIRELITE PLUS) USED FOR 1 AND 2 HOUR WALL ASSEMBLIES WHEN WINDOW AREA < 25% OF WALL AREA, DOORS INTO STAIR ENCLOSURES

G-3 FIRE-RATED, FORCED ENTRY AND BULLET RESISTANT TRANSPARENT MULTI-LAMINATE WALL PANEL FIRE PROTECTIVE - 45 MINUTES & LEVEL III BULLET RESISTANCE TGP PILKINGTON PYROSTOP WITH SCHOOL GUARD GLASS USED AT INTERIOR WINDOW / DOOR ASSEMBLIES THAT REQUIRE BULLET/IMPACT RESISTANCE.

IG-1 IG-1: INSULATING GLASS. FOR EXTERIOR OPENINGS WITHOUT SPECIAL REQUIREMENTS.

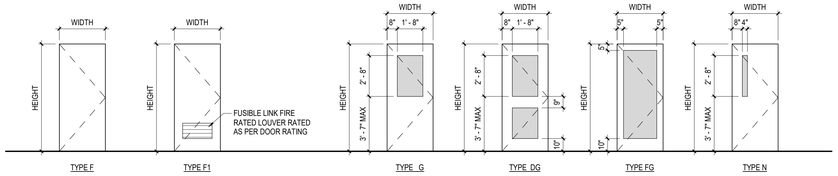
IG-2 IG-2: SHOOTER-ATTACK-CERTIFIED SECURITY GLAZING (ARMOURED ONE SHOOTER ATTACK GLASS) LEVEL III BULLET RESISTANCE. USED AT EXTERIOR DOORS AND SIDELITES WHERE SECURITY GLASS IS DESIRED.

IG-3: FIRE-RATED, SAFETY-RATED INSULATING GLASS. USED FOR PROTECTED DOOR AND WINDOW OPENINGS.

NOTE:
ALL INTERIOR GLAZING SIZES AND TYPES ARE TO COMPLY WITH NFPA
80 AND/OR ASTM E119.

ABBREVIATIONS:

AL./GL = FIRE-RATED ALUMINUM GLASS DOOR, TRANSOM AND FRAMES



MATERIAL LEGEND

AL	ALUMINUM
FRP	FIBRE-REINFORCED POLYESTER (SPEC SECTION 081713)
HM	HOLLOW METAL
WD	WOOD

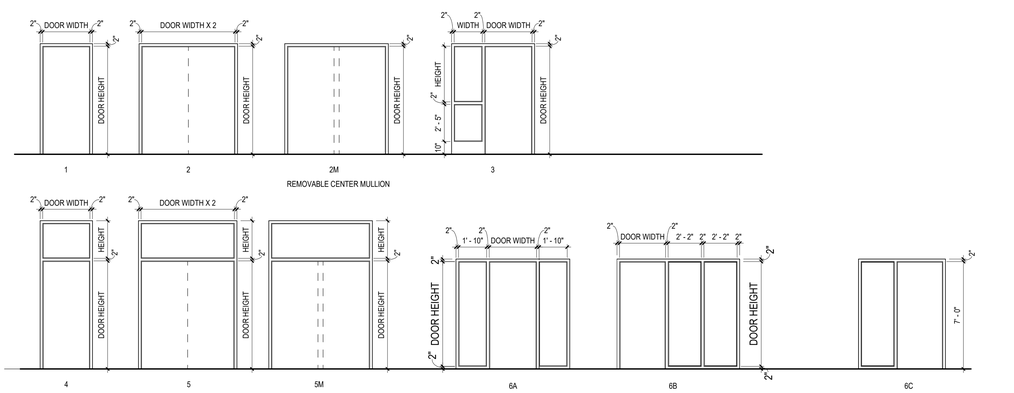
FINISHES LEGEND

AN	ANODIZED
FF	FACTORY FINISHED
FRP	THROUGH COLOR FRP PANEL
PT/PNT	PAINTED FINISH

DOOR TYPES

1/4" = 1'-0"

20



FRAME TYPES

1/4" = 1'-0"

10

EXISTING DOOR SCHEDULE

DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO	REMARKS	HARDWARE
EXT-E	-	EXTERIOR	10B KITCHEN	EXISTING	3.0
EXT-G	1	- EXTERIOR	STAIR H ST-H	EXISTING	3.0

DOOR SCHEDULE

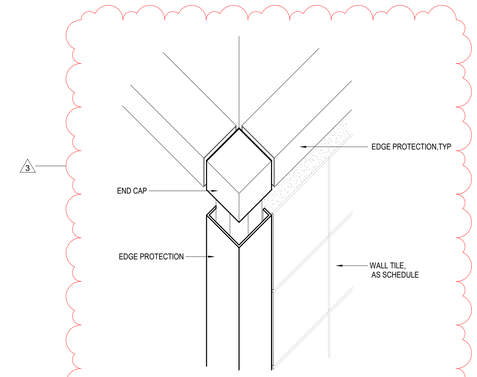
DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR GLAZING LABEL (MIN)	DOOR MAT	DOOR FIN	FRAME TYPE	FRAME MAT	FRAME FIN	FRAME HEAD DTL	FRAME JAMB DTL	FRAME SILL DTL	GLAZING	HARDWARE	ALTERNATE	DOOR NUMBER	DOOR COMMENTS
B07-1	2	B09	VESTIBULE	3' - 0"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	2	HM	PNT	30/A611	20/A611		-	32.1		B07-1	
B08A-1	2			BO8A	ELECTRICAL ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	F	45	HM	PNT	2	HM	PNT	30/A611	20/A611		-	21.1		B08A-1	
B08A-2	1			B08A	ELECTRICAL ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	F	45	HM	PNT	1	HM	PNT	30/A611	20/A611		-	21.0		B08A-2	
B08B-2	1			B08B	WATER SERVICE ROOM	4' - 0"	7' - 0"	0' - 1 3/4"	F	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-	19.0		B08B-2	
B09-1	2	ST-D	STAIR D	B09	VESTIBULE	3' - 0"	7' - 0"	0' - 1 3/4"	F	90	HM	PNT	2	HM	PNT	30/A611	20/A611		-	8.0		B09-1	
B09A-1	1	B09	VESTIBULE	B09A	TOILET	3' - 0"	7' - 0"	0' - 1 3/4"	F1	-	HM	PNT	1	HM	PNT	30/A611	20/A611	3	-	26.0		B09A-1	
B09B-1	1	B09	VESTIBULE	B09B	TOILET	3' - 0"	7' - 0"	0' - 1 3/4"	F1	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-	26.0		B09B-1	
EXT-D	1	-	EXTERIOR	ST-E	STAIR E	3' - 0"	7' - 0"	0' - 1 3/4"	DG	0	AL	AN	3	AL	AN	52/A612	42/A612	10/A611	-	7.0		EXT-D	
EXT-S	2	ST-E	STAIR E	-	EXTERIOR	3' - 0"	7' - 0"	0' - 1 3/4"	FG	0	AL	AN	6	AL	AN	52/A612	42/A612	10/A611	-	1.0		EXT-S	
SB07-1	1	B01A	GYM FLOOR	SB07	ELEC	3' - 0"	7' - 0"	0' - 1 3/4"	F	-	HM	PNT	1	HM	PNT	33/A611	22/A611	10/A611		19.0	ALTERNATE 2	SB07-1	
STA1-1	2	192	CORRIDOR	ST-A	STAIR A	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STA1-1	
STA2-1	2	291	CORRIDOR	ST-A	STAIR A	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STA2-1	
STA3-1	1	391	CORRIDOR	ST-A	STAIR A	3' - 4"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STA3-1	
STAG-1	1	091	CORRIDOR	ST-A	STAIR A	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-1	
STAG-2	1	091	CORRIDOR	ST-A	STAIR A	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-2	
STAG-3	1	STA-P	EXIT PASSAGEWAY	STA-V	VESTIBULE	3' - 4"	6' - 8"	0' - 1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STAG-3	
STAV-1	2	STA-V	VESTIBULE	ST-G	STAIR G	3' - 1"	7' - 1"	0' - 1 3/4"	G	90	HM	PNT	2	HM	PNT	33/A611	22/A611	10/A611	G-2	8.1	ALTERNATE 2	STAV-1	
STB1-1	2	192	CORRIDOR	ST-B	STAIR B	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STB1-1	
STB2-1	2	292	CORRIDOR	ST-B	STAIR B	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611	10/A611	G-2	8.0		STB2-1	
STB3-1	1	391	CORRIDOR	ST-B	STAIR B	3' - 4"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611	10/A611	G-2	9.0	ALTERNATE 2	STB3-1	
STB3-2	1	-	ROOF C	ST-B	STAIR B	3' - 0"	7' - 1"	0' - 1 3/4"	N	90	HM	PNT	1	HM	PNT	33/A611	22/A611	10/A611	G-2	7.0	ALTERNATE 2	STB3-2	
STBG-1	1	091	CORRIDOR	ST-B	STAIR B	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STBG-1	
STBG-2	1	091	CORRIDOR	ST-B	STAIR B	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	1	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STBG-2	
STC1-1	2	ST-C	STAIR C	192	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	G	60	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.0		STC1-1	
STC2-1	2	ST-C	STAIR C	291	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	2	HM	PNT	40/A611	41/A611		G-2	8.0		STC2-1	
STCG-1	2	091	CORRIDOR	ST-C	STAIR C	3' - 0"	7' - 0"	0' - 1 3/4"	G	60	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.0	ALTERNATE 2	STCG-1	
STCG-2	1	ST-CA	CL	ST-C	STAIR C	2' - 7"	6' - 11"	0' - 1 3/4"	F	60	WD	FF	1	HM	PNT	33/A611	22/A611		G-2	19.0	ALTERNATE 2	STCG-2	8.15
STD1-1	2	194	CORRIDOR	ST-D	STAIR D	3' - 0"	7' - 2"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STD1-1	
STD2-1	2	294	CORRIDOR	ST-D	STAIR D	3' - 0"	7' - 2"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STD2-1	
STDB-1	2	-	EXTERIOR	ST-D	STAIR D	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	FRP	FRP	2	AL	AN	33/A611	22/A611	10/A611	G-3	1.0		STDB-1	
STDG-1	2	094	CORRIDOR	ST-D	STAIR D	3' - 0"	7' - 2"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		STDG-1	
STE2-2	1	ST-E	STAIR E	ST-E	STAIR E	3' - 0"	7' - 0"	0' - 1 3/4"	F	-	HM	PNT	1	HM	PNT	30/A611	20/A611		-			STE2-2	
STHB-1	1	B01C	GYM BLEACHERS	ST-H	STAIR H	3' - 2"	6' - 10"	0' - 1 3/4"	N	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	9.0	ALTERNATE 2	STHB-1	

DOOR SCHEDULE

DOOR NO.	DOOR QUANTITY	DOOR FROM	DOOR TO	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR GLAZING LABEL (MIN)	DOOR MAT	DOOR FIN	FRAME TYPE	FRAME MAT	FRAME FIN	FRAME HEAD DTL	FRAME JAMB DTL	FRAME SILL DTL	GLAZING	HARDWARE	ALTERNATE	DOOR NUMBER	DOOR COMMENTS
001-1	1	091	CORRIDOR	001	CAFETERIA	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	6.0	ALTERNATE 2	001-1	
001-2	1	091	CORRIDOR	001	CAFETERIA	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	6.1	ALTERNATE 2	001-2	
001-3	1	STA-V	VESTIBULE	001	CAFETERIA	3' - 9"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	1	HM	PNT	40/A611	41/A611		G-2	9.0	ALTERNATE 2	001-3	
001A-1	1	001A	IT HELP DESK	001	CAFETERIA	3' - 0"	6' - 10"	0' - 1 3/4"	G	-	WD	FF	1	HM	PNT	33/A611	22/A611		G-1	13.0	ALTERNATE 2	001A-1	
001B-1	1	001	CAFETERIA	001B	KITCHEN	3' - 0"	7' - 0"	0' - 1 3/4"	N	45	WD	FF	1	HM	PNT	30/A611	20/A611		G-2	25.0		001B-1	
001C-1	1	001B	KITCHEN	001C	DRY STORAGE	2' - 6"	6' - 8"	0' - 1 3/4"	N	45	HM	PNT	1	HM	PNT	32/A611	21/A611		G-1	25.0	3	001C-1	
003-1	1	091	CORRIDOR	003	CUST.	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	HM	PNT	1	HM	PNT	33/A611	22/A611		G-1	19.0	ALTERNATE 2	003-1	
003A-1	1	003	CUST.	3A	TOILET	2' - 0"	6' - 8"	0' - 1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611	13/A611	-	22.0	ALTERNATE 2	003A-1	
005A-1	1	091	CORRIDOR	5A	BOYS' LOCKER ROOM	3' - 0"	6' - 8"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	15.0	ALTERNATE 2	005A-1	
005A-2	1	-	BLEACHERS	5A	BOYS' LOCKER ROOM	2' - 10"	7' - 0"	0' - 1 3/4"	F	3	90	HM	PNT	1	HM	PNT	33/A611	22/A611	ETR	-	16.0	ALTERNATE 2	005A-2	8.15
005B-1	1	091	CORRIDOR	005B	BOYS' TLT	3' - 0"	6' - 7"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	27.0	ALTERNATE 2	005B-1	
005C-1	1	091	CORRIDOR	005C	STAFF TLT	3' - 0"	6' - 7"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	26.0	ALTERNATE 2	005C-1	
005D-1	1	091	CORRIDOR	005D	GIRLS' TLT	3' - 0"	6' - 7"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	27.0	ALTERNATE 2	005D-1	
005E-1	1	091	CORRIDOR	005E	GIRLS' LOCKER ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	15.0	ALTERNATE 2	005E-1	
005E-2	1	B01	GYMNASIUM	005E	GIRLS' LOCKER ROOM	2' - 10"	7' - 0"	0' - 1 3/4"	F	3	90	WD	FF	1	HM	PNT	33/A611	22/A611	ETR	-	16.0	3	ALTERNATE 2	005E-2	8.15
005G-1	1	091	CORRIDOR	005G	CUSTODIAL	2' - 9"	6' - 7"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	19.0	ALTERNATE 2	005G-1	8.15
006-1	1	091	CORRIDOR	006	MECHANICAL	2' - 6"	7' - 0"	0' - 1 3/4"	F	20	HM	PNT	1	HM	PNT	33/A611	22/A611	24/A611	-	32.0	ALTERNATE 2	006-1	8.15
006-2	2	091	CORRIDOR	006	MECHANICAL	2' - 6"	6' - 10"	0' - 1 3/4"	F	20	HM	PNT	2	HM	PNT	33/A611	22/A611	24/A611	-	32.1	ALTERNATE 2	006-2	8.15
007-1	1	9A	ENTRY	007	STAFF DEVELOPMENT	3' - 0"	6' - 8"	0' - 1 3/4"	N	-	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	22.0	ALTERNATE 2	007-1	
008-1	1	091	CORRIDOR	008	STORAGE	3' - 0"	6' - 8"	0' - 1 3/4"	F	20	3	WD	FF	1	HM	PNT	33/A611	22/A611		-	19.0	ALTERNATE 2	008-1	
008-2	1	010	VESTIBULE	008	STORAGE	2' - 6"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-1	19.0	ALTERNATE 2	008-2	8.15
009-1	2	091	CORRIDOR	9A	ENTRY	2' - 4"	6' - 10"	0' - 1 3/4"	N	20	WD	FF	2	HM	PNT	33/A611	22/A611		G-3	24.1	ALTERNATE 2	009-1	8.15
010-1	1	091	CORRIDOR	010	VESTIBULE	2' - 8"	6' - 10"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	12.0	ALTERNATE 2	010-1	8.15
010-2	1	010	VESTIBULE	010A	ENL	3' - 0"	7' - 0"	0' - 1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		010-2	
010-3	1	010	VESTIBULE	010B	IDF	3' - 0"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	19.0		010-3	
011-1	1	091	CORRIDOR	011	SE 12:1:1 CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	011-1	
012-1	1	093	CORRIDOR	012	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	012-1	
014-1	1	093	CORRIDOR	014	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	014-1	
018-1	1	094	CORRIDOR	018	SE 15:1:1 CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		018-1	
020-1	1	094	CORRIDOR	020	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		020-1	
021-1	1	094	CORRIDOR	021	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		021-1	
022-1	1	B09	VESTIBULE	022	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	14.0		022-1	
023A-1	1	095	CORRIDOR	023A	TOILET	3' - 0"	7' - 0"	0' - 1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		023A-1	
023B-1	1	095	CORRIDOR	023B	TOILET	3' - 0"	7' - 0"	0' - 1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		023B-1	
023C-1	1	095	CORRIDOR	023C	STORAGE	3' - 0"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	18.0		023C-1	
092-1	2	091	CORRIDOR	092	CORRIDOR	3' - 0"	6' - 9"	0' - 1 3/4"	G	20	WD	FF	2	HM	PNT	40/A611	41/A611		G-1	8.5		092-1	
092-2	1	092	CORRIDOR	B01	GYMNASIUM	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	6.0	ALTERNATE 2	092-2	
092-3	1	092	CORRIDOR	B01	GYMNASIUM	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	HM	PNT	1	HM	PNT	33/A611	22/A611		G-3	6.0	ALTERNATE 2	092-3	
092-4	1	ST-J	STAIR J	092	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	F	20	HM	PNT	1	HM	PNT	33/A611	22/A611		-	19.0	ALTERNATE 2	092-4	
093-0	2	091	CORRIDOR	091A	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.5		093-0	
093-1	2	091A	CORRIDOR	093	CORRIDOR	3' - 0 1/4"	7' - 0"	0' - 1 3/4"	G	90	WD	FF	2	HM	PNT	40/A611	41/A611		G-2	8.5		093-1	
093-2	2	094	CORRIDOR	ST-E	STAIR E	3' - 0"	6' - 9"	0' - 1 3/4"	G	60	WD	FF	2	HM	PNT	31/A611	21/A611		G-2	8.0		093-2	
093-3	2	ST-E	STAIR E	093	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	G	60	WD	FF	2	HM	PNT	30/A611	20/A611		G-2	8.0		093-3	
095-1	1	095	CORRIDOR	B09	VESTIBULE	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	WD	FF	1	HM	PNT	30/A611	20/A611		G-1	10.0		095-1	
100E-4	1	105A	JANITOR	105	GIRLS T	2' - 8"	6' - 6"	0' - 1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	100E-4	
101-1	1	ST-C	STAIR C	101	CLASSROOM	2' - 7"	7' - 0"	0' - 1 3/4"	N	90	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	101-1	8.15
102-1	1	ST-C	STAIR C	102	CLASSROOM	2' - 7"	7' - 0"	0' - 1 3/4"	N	90	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0	ALTERNATE 2	102-1	8.15
103-1	1	192	CORRIDOR	103	NURSE	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	23.0		103-1	
104-1		192	CORRIDOR	104	MAIN OFFICE	3' - 0"	7' - 0"		FG	20	AL	AN	6	AL	AN				G-3	13.0		104-1	
104A-1	1	192	CORRIDOR	104A	CORRIDOR	2' - 8"	6' - 10"	0' - 1 3/4"	G	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	23.0		104A-1	8.15
104B-1	1	192	CORRIDOR	104B	CONFERENCE	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611	14/A611	G-3	23.0		104B-1	
104B-2	1	104A	CORRIDOR	104B	CONFERENCE	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	WD	FF	1	HM	PNT	30/A611	20/A611	14/A611	G-3	22.0		104B-2	
104C-1	1	104A	CORRIDOR	104C	PRINCIPAL'S OFFICE	3' - 0"	6' - 8"	0' - 1 3/4"	DG	-	WD	FF	3	HM	PT	30/A611	20/A611		G-3	22.0		104C-1	
104C-2	1	104	MAIN OFFICE	104C	PRINCIPAL'S OFFICE	3' - 0"	7' - 0"	0' - 1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		104C-2	
104G-1	1	104E	MAIL	104G	SUPPLY ROOM	2' - 8"	6' - 8"	0' - 1 3/4"	F	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	104G-1	8.15
104H-1	1	192	CORRIDOR	104E	MAIL	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-1	23.0		104H-1	
104I-1	1	104	MAIN OFFICE	104I	CLOSET	1' - 6"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	104I-1	
106A-1	1	192	CORRIDOR	106A	BOOK STRG	3' - 0"	7' - 0"	0' - 1 3/4"	F	20	WD	FF	1	HM	PNT	33/A611	22/A611		-	19.0		106A-1	
106C-1	1	192	CORRIDOR	106C	FACULTY ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	20.0		106C-1	
106D-1	1	106C	FACULTY ROOM	106D	TOILET	3' - 0"	7' - 0"	0' - 1 3/4"	F1	-	WD	FF	1	HM	PNT	30/A611	20/A611		-	26.0		106D-1	
106E-1	1	106C	FACULTY ROOM	106E	TOILET	2' - 8"	7' - 0"	0' - 1 3/4"	F1	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	28.0		106E-1	8.15
106F-1	1	106C	FACULTY ROOM	106F	CLOSET	2' - 8"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	1	HM	PNT	40/A611	41/A611		-	18.0		106F-1	8.15
107-1	1	192	CORRIDOR	107	OCCUPATIONAL THERAPY	2' - 8"	6' - 10"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		107-1	8.15
108-1	1	192	CORRIDOR	108	PHYSICAL THERAPY	3' - 0"	7' - 1"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		108-1	
108A-1	2	108	PHYSICAL THERAPY	108A	STORAGE	2' - 6"	7' - 0"	0' - 1 3/4"	F	-	WD	FF	2	HM	PNT	30/A611	20/A611		-	17.0		108A-1	
110-1	1	192	CORRIDOR	110	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		110-1	
110-2	1	192	CORRIDOR	110	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611		G-3	14.0		110-2	
111A-1	1	192	CORRIDOR	111	WAITING	3' - 0"	7' - 0"	0' - 1 3/4"	G	20	WD	FF	1	HM	PNT	32/A611	21/A611		G-3	23.0		111A-1	
111A-2	1	111	WAITING	111A	SOCIAL WORKER	3' - 0"	7' - 0"	0' - 1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		111A-2	
111B-1	1	111	WAITING	111B	SOCIAL WORKER	3' - 0"	7' - 0"	0' - 1 3/4"	N	-	WD	FF	1	HM	PNT	30/A611	20/A611		G-3	22.0		111B-1	
112-1	1	192	CORRIDOR	112	MATH AIS	2' - 7"	6' - 10"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	33/A611	22/A611	14/A611	G-3	14.0		112-1	8.15
113A-1	1	113	BOYS' TOILET	113A	CUSTODIAL	2' - 4"	6' - 10"	0' - 1 3/4"	F1	-	HM	PNT	1	HM	PNT	40/A611	41/A611		-	18.0	ALTERNATE 2	113A-1	
114-1	1	193	CLASSROOM	114	CLASSROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM	PNT	40/A611	41/A611		G-3	14.0	ALTERNATE 2	114-1	
115-1	1	192	CORRIDOR	115	PSYCHOLOGIST	3' - 0"	7' - 0"	0' - 1 3/4"	N	20	WD	FF	1	HM

SHEET NOTES

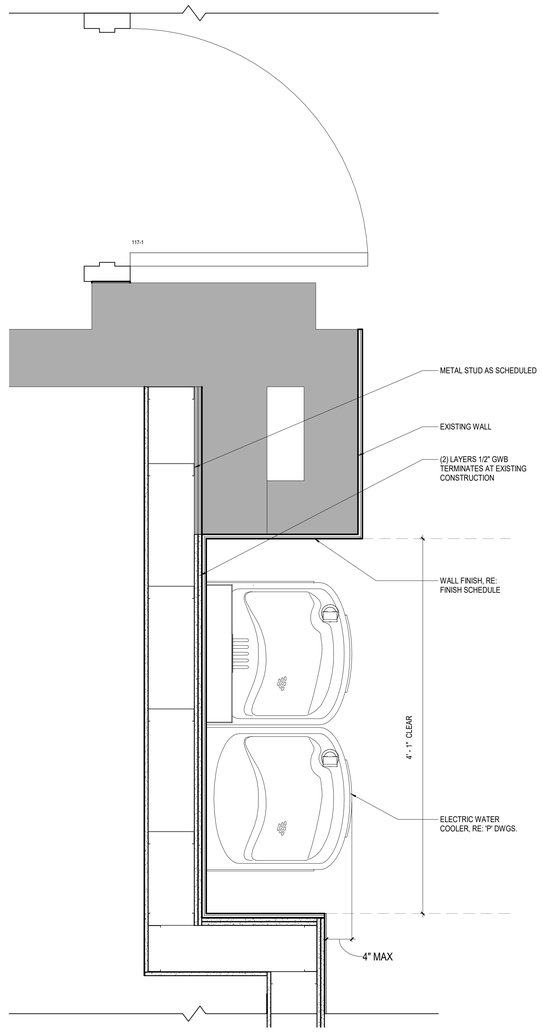
KEY NOTES



SCHLUTER EDGE PROTECTION AXON

NTS

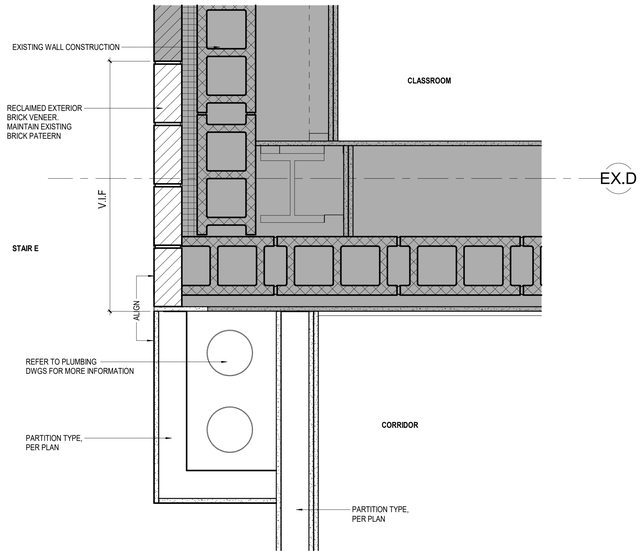
20



PLAN DETAIL AT ROOM 115

1 1/2" = 1'-0"

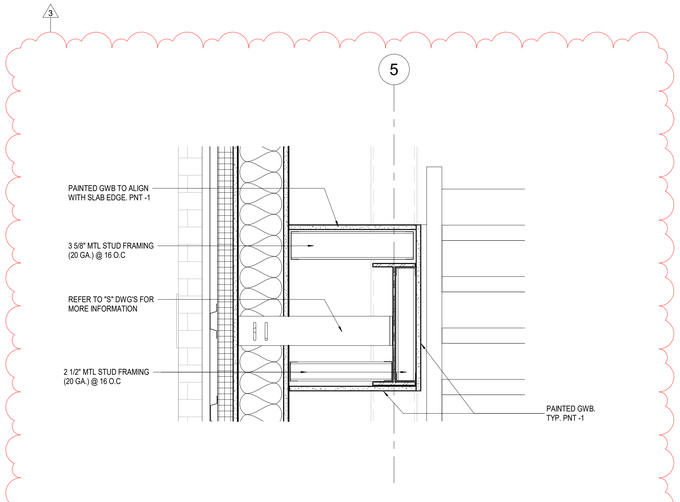
10



PLAN CORNER DETAIL @ STAIR E

1 1/2" = 1'-0"

11



STEEL ENCLOSURE @ STAIR D

1 1/2" = 1'-0"

12

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
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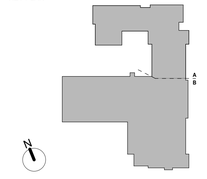
BRIDGEWATER, MA. 02324

SEAL

BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

INTERIOR DETAILS

A701

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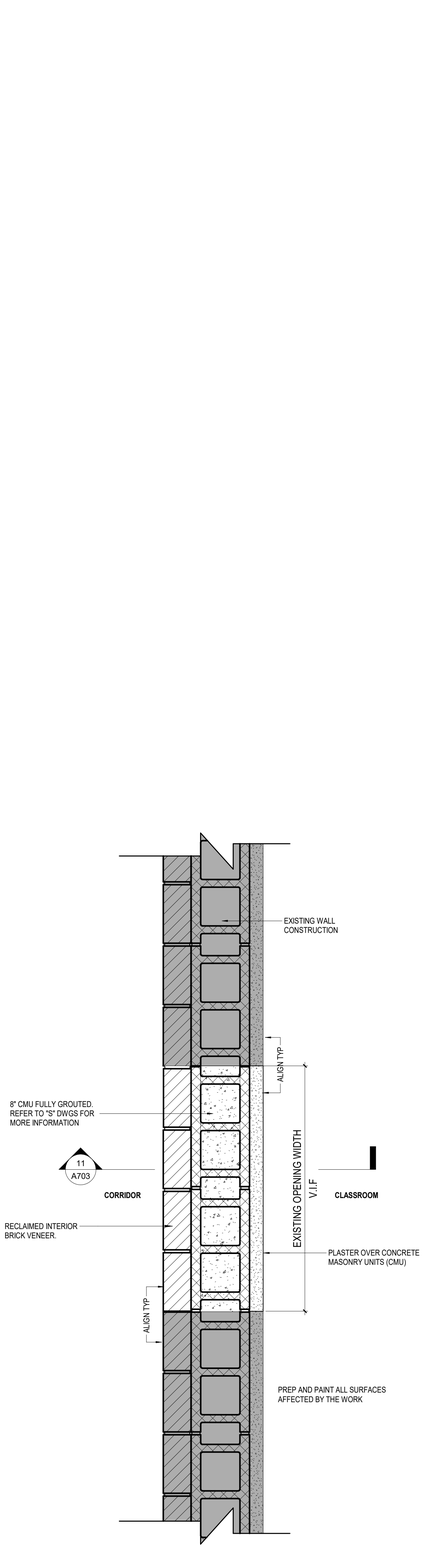
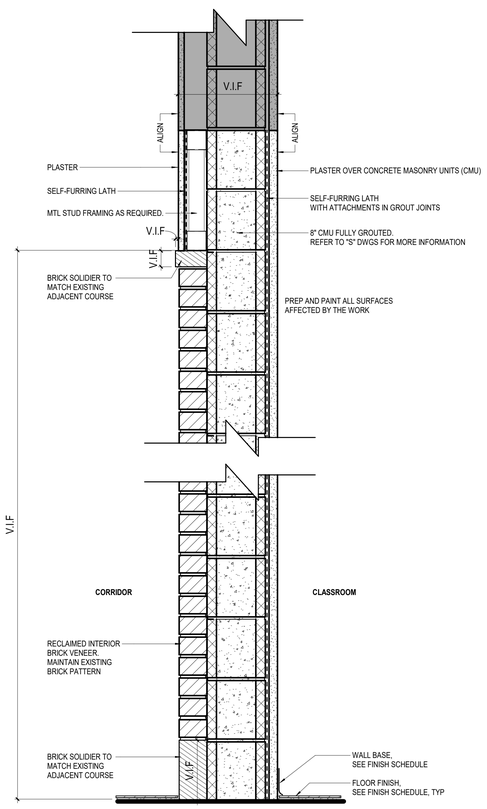


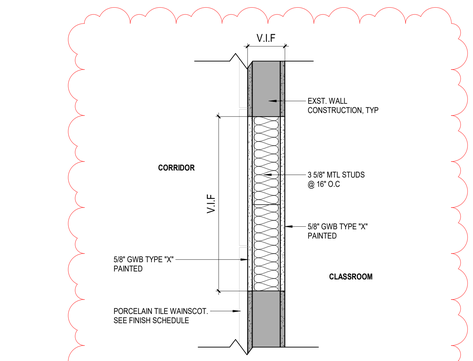
PLAN DETAIL @ MASONRY WALL INFILL 12

1 1/2" = 1'-0"



SECTION DETAIL @ MASONRY WALL INFILL 11

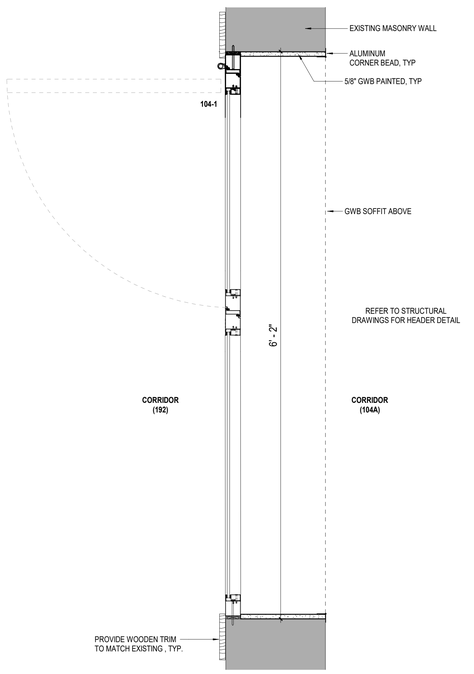
1 1/2" = 1'-0"



PLAN DETAIL @ GWB INFILL 31

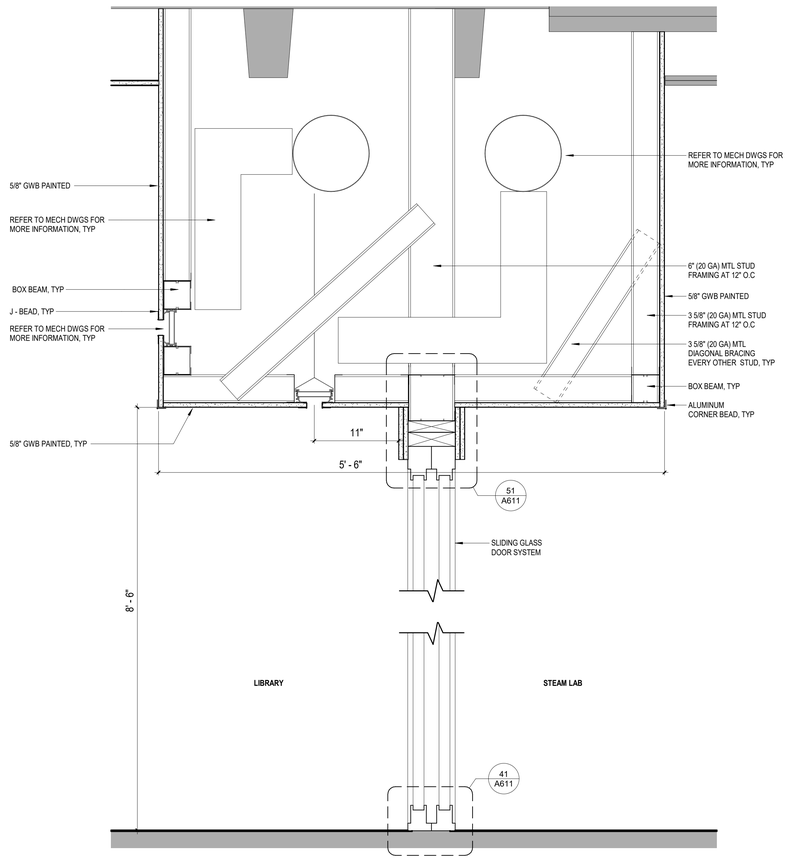
NTS

3



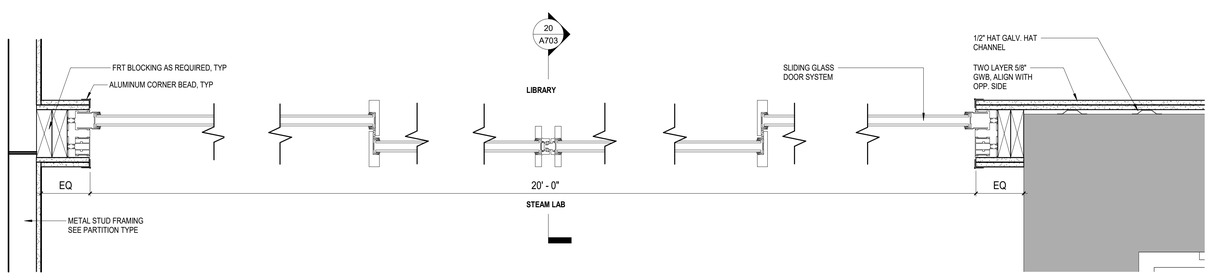
INTERIOR MAIN OFFICE DOOR PLAN DETAIL 21

1 1/2" = 1'-0"



SECTION DETAIL @ SLIDING GLASS DOOR 20

1 1/2" = 1'-0"



PLAN DETAIL - STEAM LAB SLIDING GLASS DOOR 10

1 1/2" = 1'-0"

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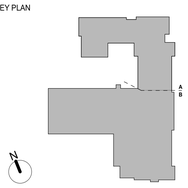
BRIDGEWATER, MA. 02324

SEAL

ISSUE		DATE
BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026

KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017

MEMASI PROJECT NO. 101 - 2403

INTERIOR DETAILS

A703

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SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALL'S ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

CASEWORK LEGEND

HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD

AWP-"XX" ACOUSTIC WALL PANEL

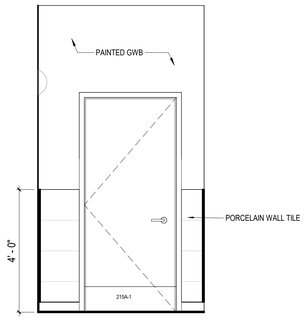
FINISH TAG LEGEND

WALL FINISH / BASE FINISH / FLOOR FINISH / CEILING FINISH — INTERIOR FINISH TAG

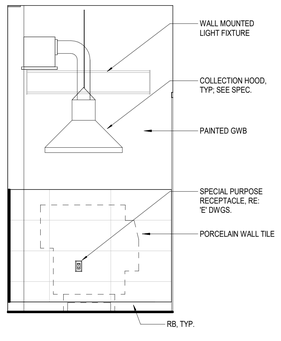
LEGEND

- SHAFT
- INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
- CASEWORK
- NOT IN SCOPE

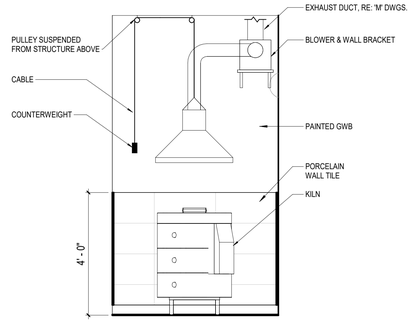
SPECIALTY EQUIPMENT LEGEND		
WIDTH (IN FT.) OF BOARD	XWB	WHITEBOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XPB	PIN-UP BOARD, REFER TO SPEC. COLOR TBD
WIDTH (IN FT.) OF BOARD	XSB	SMART BOARD, REFER TO SPEC.
WIDTH (IN FT.) OF BOARD	XGB	GLASS WRITING BOARD, REFER TO SPEC.



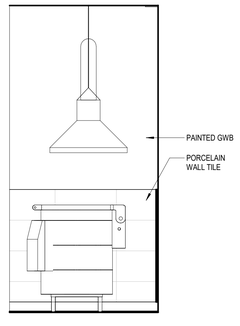
KILN - WEST ELEVATION 34
1/2" = 1'-0"



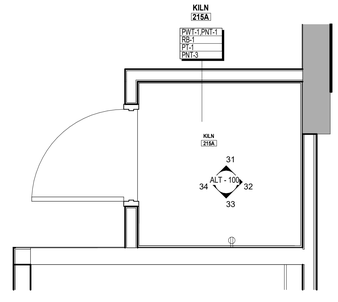
KILN - SOUTH ELEVATION 33
1/2" = 1'-0"



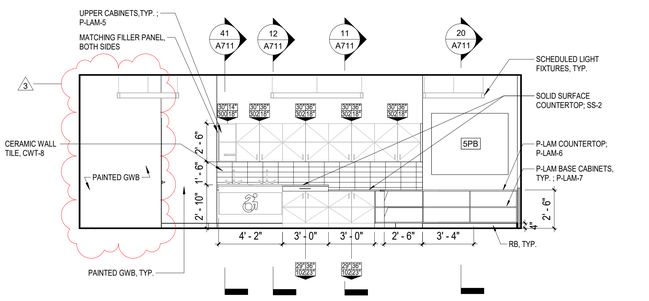
KILN - EAST ELEVATION 32
1/2" = 1'-0"



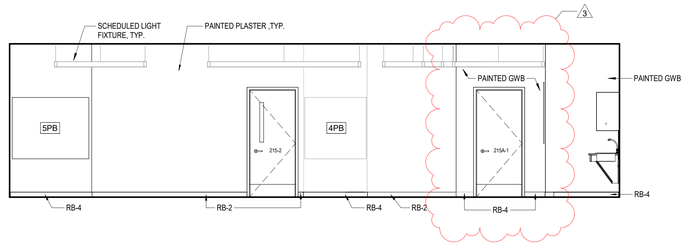
KILN - NORTH ELEVATION 31
1/2" = 1'-0"



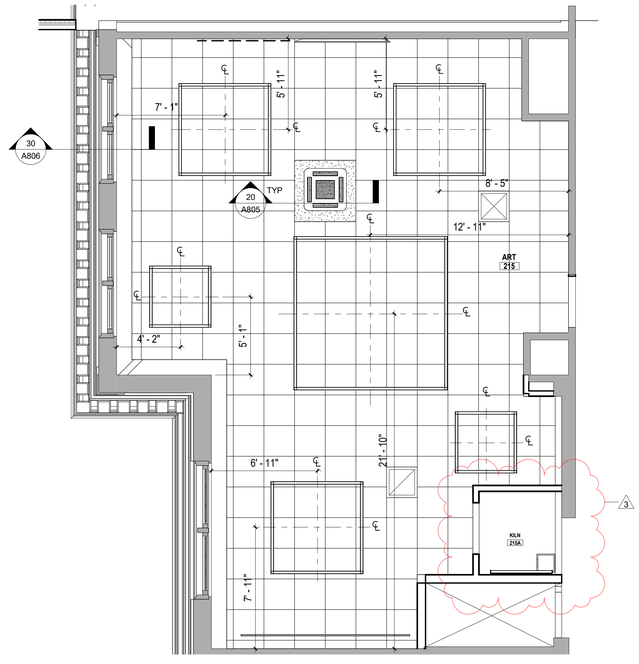
ENLARGED PLAN - KILN ENCLOSURE 30
1/2" = 1'-0"



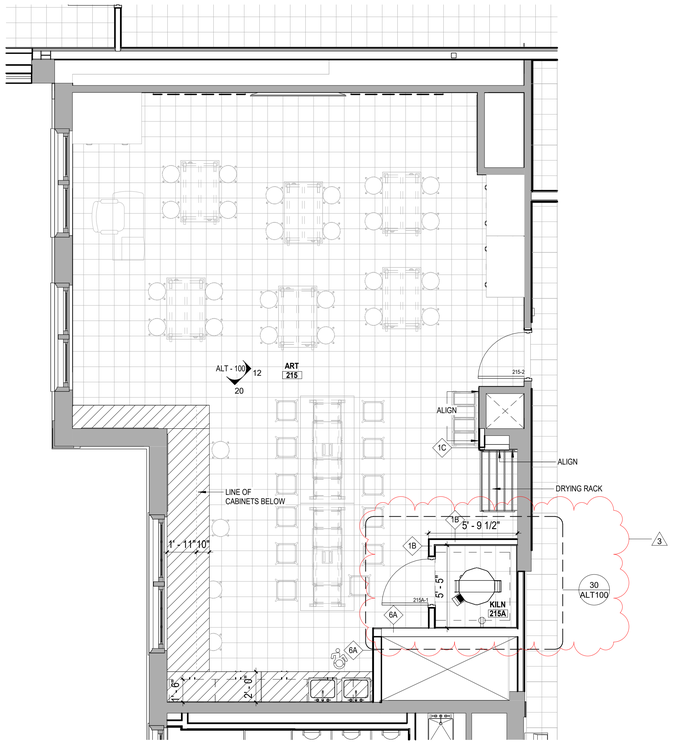
SOUTH ELEVATION - ART ROOM 20
1/4" = 1'-0"



EAST ELEVATION - ART ROOM 12
1/4" = 1'-0"



ART ROOM - ENLARGED REFLECTED CEILING PLAN 11
1/4" = 1'-0"



ART ROOM - ENLARGED FLOOR PLAN 10
1/4" = 1'-0"

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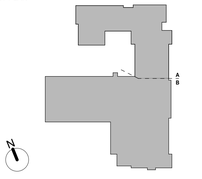
SEAL

BID ADDENDUM	3	04/10/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

ADD ALTERNATE- KILN AND KILN ENCLOSURE

ALT100

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TEMPORARY PLAYGROUND CONDITION REQUIRES COORDINATION WITH LOGISTICS PLAN AND PHASING CONSTRUCTION IN THIS AREA. REFER TO SPECIFICATIONS. SEE INSET THIS SHEET FOR TEMPORARY PLAYGROUND CONDITIONS.

TEMPORARY PLAYGROUND - SEE INSET THIS SHEET

PROPERTY LINE

REMOVE & DISPOSE CATCH BASIN

REMOVE & DISPOSE TRENCH DRAIN

REMOVE & DISPOSE CATCH BASIN

REMOVE BROKEN PORTION OF WALL

PROTECT EXISTING LIGHT TO REMAIN

1 C700 SILT FENCE, TYP.

LIMIT OF WORK

REMOVE & DISPOSE CHAIN LINK FENCE. REMOVE & SALVAGE SIGNS FOR RE-LOCATION

REMOVE & DISPOSE CATCH BASIN

EXISTING CURB TO REMAIN

PROTECT EXISTING TRENCH DRAIN AND CONCRETE TO REMAIN. PROVIDE INLET PROTECTION FROM SEDIMENTATION AT ALL TIMES.

INLET PROTECTION, TYP. 3 C700

BREAK IN GRADE

REMOVE & DISPOSE FENCE AND GATES

REMOVE AND DISPOSE CONCRETE APRON AND SIDEWALK. SEE NOTE 3.

REPUTED BURIED MANHOLE IN THIS AREA. FIELD VERIFY LOCATION, INVERTS, PIPE SIZES AND TYPES, PRIOR TO CONSTRUCTION

EXISTING FENCE TO REMAIN

REMOVE CURB

REMOVE & DISPOSE STORM PIPE, TYP.

REMOVE AND DISPOSE ASPHALT PAVEMENT

4 C700 SILT FENCE, TYP.

PROTECT EXISTING FENCE TO REMAIN

REMOVE AND DISPOSE ASPHALT AND BASKETBALL HOOPS

EXISTING WALLS TO REMAIN

REMOVE & DISPOSE CATCH BASIN, TYP.

5 C700 CONCRETE WASHOUT

REPUTED BURIED MANHOLE IN THIS AREA. FIELD VERIFY LOCATION, INVERTS, PIPE SIZES AND TYPES, PRIOR TO CONSTRUCTION. REPORT FINDINGS TO OWNERS REPRESENTATIVE

2 C700 STABILIZED CONSTRUCTION ENTRANCE

REMOVE AND DISPOSE PORTION OF WALL

EXISTING LIGHT TO REMAIN

PROTECT EXISTING TIMBER WALL TO REMAIN

REMOVE AND DISPOSE CONCRETE CURB

REMOVE AND DISPOSE CHAIN LINK FENCE GATES AND PORTION OF CHAIN LINK FENCE

PROTECT EXISTING FENCE AND WALL TO REMAIN

REMOVE AND DISPOSE CONCRETE APRON AND SIDEWALK. EXISTING FLUSH CURB TO REMAIN. SEE NOTE 3.

EXISTING DRAINAGE STRUCTURE. FIELD VERIFY CONDITION, INVERTS, PIPE SIZES AND TYPES PRIOR TO CONSTRUCTION AND REPORT FINDINGS TO OWNERS REPRESENTATIVE

REMOVE & DISPOSE PORTION OF TIMBER WALL

SAWCUT PAVEMENT, TYP.

MILL TOP 1½" OF ASPHALT, PREP FOR OVERLAY

3 C700 INLET PROTECTION, TYP. VAULT TO REMAIN.

PROTECT EXISTING LIGHT TO REMAIN

PROTECT EXISTING LIGHT TO REMAIN

PROTECT EXISTING DRAIN INLETS TO REMAIN

PROTECT EXISTING DRAIN INLETS TO REMAIN

3 C700 INLET PROTECTION, TYP.

EXISTING DRAIN INLET TO REMAIN

REMOVE AND DISPOSE CATCH BASIN AND LATERAL

REMOVE AND DISPOSE ASPHALT PAVEMENT

PROTECT EXISTING CONCRETE PAD AND FENCE TO REMAIN

REMOVE & DISPOSE DAMAGED WALL CAP TO WITHIN 4" OF FENCE POST. VERIFY DIMENSIONS PRIOR TO REMOVAL TO FACILITATE REPLACEMENT IN KIND.

REMOVE & DISPOSE STORM PIPE

EXISTING WALLS AND FENCE TO REMAIN

REMOVE AND DISPOSE CLIMBING WALL; REMOVE AND SALVAGE SIGN ON WALL, TURNOVER TO SCHOOL DISTRICT

STRIP AND STOCKPILE TOPSOIL WITHIN LIMITS OF DISTURBANCE, TYP.

REMOVE AND SALVAGE EXISTING PLAYGROUND COMMUNICATION SIGN FOR RE-INSTALLATION

EXISTING CONCRETE PAVEMENT TO REMAIN

INLET PROTECTION, TYP. 3 C700

REMOVE & DISPOSE CATCH BASIN

REMOVE AND DISPOSE CONCRETE STEPS; COORDINATE WITH ARCHITECTURAL PLANS

REMOVE AND DISPOSE PLAYGROUND AND WOOD CHIPS

REMOVE AND DISPOSE BOLLARDS; COORDINATE REMOVAL OF GAS METERS WITH PLUMBING PLANS AND UTILITY COMPANY.

REMOVE AND SALVAGE SIGN, TURNOVER TO SCHOOL DISTRICT.

PROTECT EXISTING FENCE AND WALL TO REMAIN

REMOVE AND DISPOSE TRANSFORMER AND ENCLOSURE. REFER TO ELECTRICAL PLANS AND SPECIFICATIONS FOR REMOVAL REQUIREMENTS AND ADDITIONAL INFORMATION INCLUDING DISCONNECTION AND PHASING OF REMOVAL.

REMOVE AND DISPOSE GAS LINE. REFER TO PLUMBING PLANS AND SPECIFICATIONS FOR DISCONNECTION REQUIREMENTS AND ADDITIONAL INFORMATION.

REMOVE AND DISPOSE TELECOM LINE, REFER TO TELECOM PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND DISCONNECTION REQUIREMENTS.

REMOVE AND DISPOSE CHAIN LINK BACKSTOP

1 C700 SILT FENCE, TYP.

CONTRACTOR TO COMPLETE TEST PITS TO DETERMINE EXISTING DEPTH OF SEWER, WATER, ELECTRIC AND STORMWATER PIPE. VERIFY LOCATION, PIPE SIZES, TYPES & INVERTS PRIOR TO CONSTRUCTION. REPORT FINDINGS TO OWNER'S REPRESENTATIVE.

REMOVE AND DISPOSE SANITARY MANHOLE, VENT PIPE, AND ADJACENT SANITARY LATERALS. FIELD VERIFY LOCATION, PIPE TYPE AND SIZE, AND PIPE INVERTS AT POINTS OF NEW CONNECTIONS PRIOR TO CONSTRUCTION. REPORT FINDINGS TO OWNER'S REPRESENTATIVE

REFER TO ELECTRICAL PLANS FOR SPECIFIC REQUIREMENTS RELATED TO EX. MANHOLE.

CONTRACTOR TO COMPLETE TEST PIT TO DETERMINE EXISTING DEPTH OF SEWER PIPE. VERIFY LOCATION, PIPE SIZES, TYPES & INVERTS PRIOR TO CONSTRUCTION. REPORT FINDINGS TO OWNER'S REPRESENTATIVE.

REMOVE & DISPOSE TREE. PROTECT ADJACENT FENCE AND SIDEWALK TO REMAIN

REMOVE AND DISPOSE WALLS, STEPS, RAILING, AND ASPHALT PAVEMENT

PROTECT EXISTING FENCE TO REMAIN

REMOVE AND DISPOSE ELECTRIC SERVICE. REFER TO ELECTRICAL PLANS FOR SPECIFIC REQUIREMENTS AND PHASING OF DISCONNECTION / NEW SERVICE

REMOVE AND DISPOSE CONCRETE STEPS.

EXISTING MARBLE LANDING TO REMAIN

EXISTING PORTION OF EXISTING ELECTRICAL LINE TO REMAIN. REFER TO ELECTRICAL PLANS FOR SPECIFIC REQUIREMENTS, DISCONNECTION AND TIMING

REMOVE AND RELOCATE ALL UTILITY LINES AS NEEDED TO FACILITATE CONSTRUCTION, TYP.

REPUTED STORM LINE AND MANHOLE. FIELD VERIFY LOCATION, INVERTS, PIPE SIZES AND DISCHARGE POINT PRIOR TO CONSTRUCTION. REPORT FINDINGS TO OWNER'S REPRESENTATIVE. REMOVE AND DISPOSE AS INDICATED ONLY AFTER VERIFICATION OF INFORMATION

VERIFY ELECTRIC SERVICE MANHOLE WAS PREVIOUSLY ABANDONED. REFER TO ELECTRICAL PLANS FOR SERVICE INTERRUPTION / ABANDONMENT. REMOVE AND DISPOSE ELECTRICAL LINES AND MANHOLE.

PROTECT EXISTING CONCRETE STEPS TO REMAIN. REMOVE AND DISPOSE RAILING.

REMOVE & DISPOSE EXISTING WALK AND CURB

REMOVE & DISPOSE TREE. EXISTING STUMP MAY REMAIN IF NEEDED TO PROTECT ADJACENT SIDEWALK. GRIND STUMP TO MIN. 8" BELOW FINISHED GRADE.

REMOVE AND DISPOSE CHAIN LINK FENCE TO FIRST POST WEST OF TREE. REMOVE AND SALVAGE FENCE MOUNTED SIGNS FOR REMOUNT ON NEW FENCE.

REMOVE AND DISPOSE CONCRETE APRON AND SIDEWALK. EXISTING CURB TO REMAIN. SEE NOTE 3.

REMOVE AND DISPOSE ASPHALT PAVEMENT

REMOVE AND DISPOSE DOMESTIC WATER AND FIRE SERVICE PIPING. COORDINATE EXTENTS WITH PROPOSED RE-ROUTING AND LOGISTICS / PHASING PLANS. SEE NOTE 4.

REMOVE CONCRETE PAVEMENT

REMOVE AND DISPOSE SHRUBS

TREE PROTECTION FENCE, TYP. 6 C700

LIMIT OF WORK

R&D GAS LINE. VERIFY LINE IS ABANDONED PRIOR TO REMOVAL

R&D PIPE AND MANHOLE

REFER TO C101 FOR WORK AT FRONT ENTRANCE

PROPERTY LINE

EXISTING LAWN AREA TO REMAIN

TEMPORARY PLAYGROUND FOOTPRINT, ±42' X ±70'. SLOPE IN ANY DIRECTION SHALL NOT EXCEED 2%.

REMOVE AND DISPOSE ASPHALT AND BASKETBALL HOOP WITHIN FOOTPRINT OF TEMPORARY PLAYGROUND. REMOVE SUBGRADE MATERIALS TO 12" DEPTH BELOW GRADE TO ALLOW FOR INSTALLATION OF PLAY MULCH BY PLAY VENDOR. SUBGRADE SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.

THERE IS SIGNIFICANT GRADE CHANGE IN THIS AREA. SLOPE AND REGRADE AREA AS REQUIRED TO PROVIDE PLAYGROUND AREA MEETING SLOPE REQUIREMENTS. REMOVE AND DISPOSE ASPHALT. PLAY VENDOR TO INSTALL 4" OF PLAY MULCH IN THIS AREA.

EXISTING BASKETBALL HOOP TO REMAIN IN PLACE UNTIL REMOVAL OF TEMPORARY PLAYGROUND

PAVEMENT TO REMAIN IN PLACE UNTIL REMOVAL OF TEMPORARY PLAYGROUND

1 TEMPORARY PLAYGROUND CONDITION

Scale: 1" = 20'

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- REMOVE AND DISPOSE ITEM
- SAW CUT
- INLET PROTECTION
- TREE PREDTECTION FENCE
- 320 EXISTING CONTOUR
- REMOVE AND DISPOSE PAVEMENT
- REMOVE AND DISPOSE WOOD CHIPS
- MILL TOP 1½" ASPHALT

NOTE:

1. REFER TO SURVEY PLAN ENTITLED "SURVEY OF PROPERTY PREPARED FOR PUBLIC SCHOOLS OF THE TARRYTOWNS", DATED APRIL 2, 2024, AS PREPARED BY WARD CARPENTER ENGINEERS, INC. FOR EXISTING CONDITIONS.
2. PROVIDE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE SWPPP FOR ALL STAGING AREAS OUTSIDE OF THE L.O.W.
3. NOTIFY VILLAGE AND COORDINATE ALL WORK WITHIN THE RIGHT OF WAY INCLUDING SIDEWALK REMOVAL, CLOSING, ETC. WITH VILLAGE.
4. COORDINATE WATER SERVICE DISCONNECTION AND RELATED WORK WITH THE VILLAGE.
5. COORDINATE ALL UTILITY DISCONNECTIONS WITH RESPECTIVE UTILITY COMPANIES. REFER TO ELECTRICAL AND PLUMBING PLANS AND SPECIFICATIONS FOR ADDITIONAL INFO.
6. SEE SHEET C001 FOR ADDITIONAL NOTES.

20 10 0 5 10 15 20

Scale: 1" = 20'

N

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

ISSUE	DATE
⚠ ADDENDUM 4	04/17/2026
ISSUED FOR BID	03/27/2026

SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE PREP, DEMO AND EROSION CONTROL PLAN

C100

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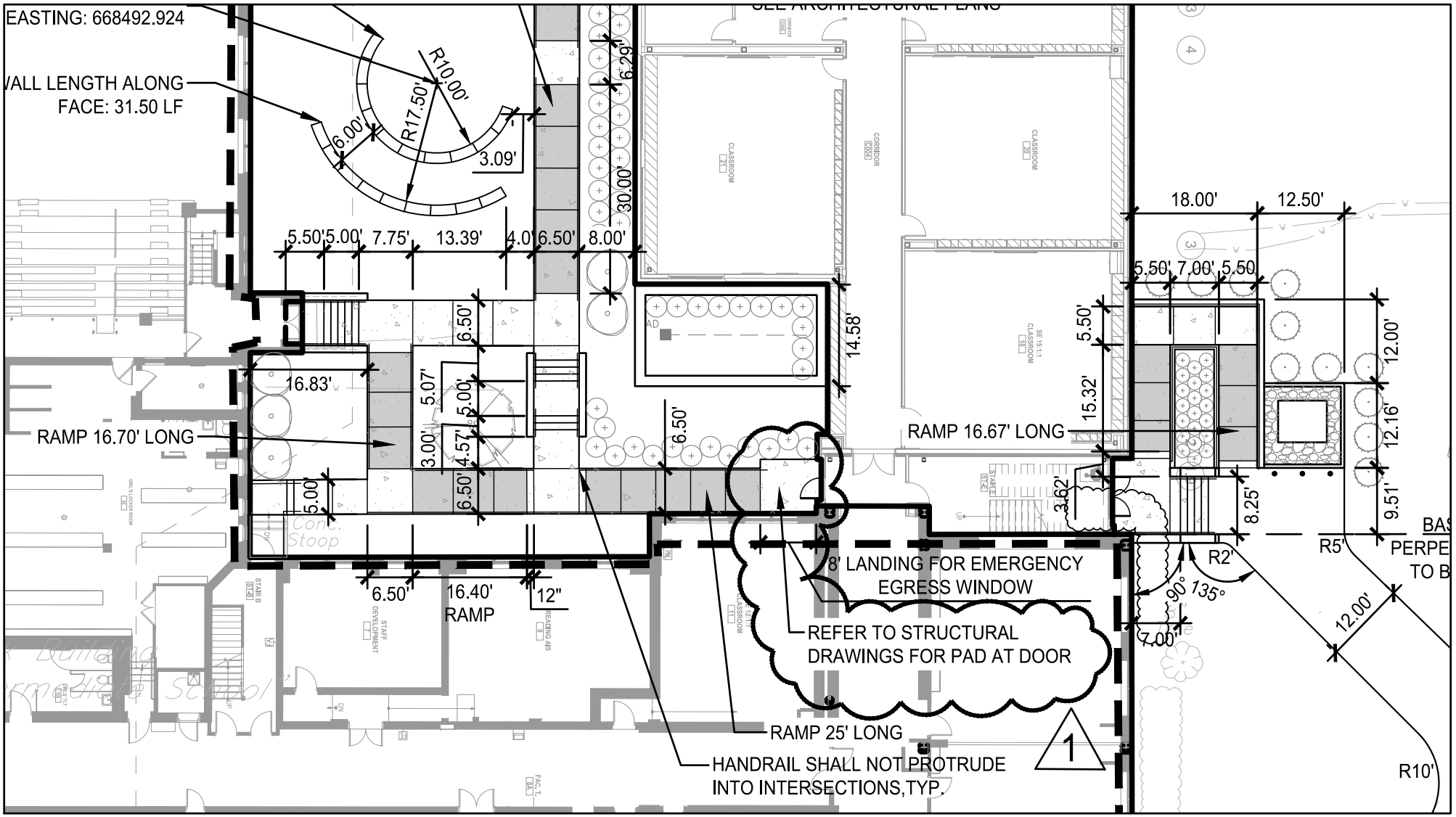


Public Schools of the Tarrytowns
2024 Capital Bond Project - Phase 2
Washington Irving Intermediate School

SK-C200-1

RE: SHEET C200 -
SITE PREP, DEMO, AND EROSION CONTROL PLAN

Addendum #4 | Concrete Door Pad

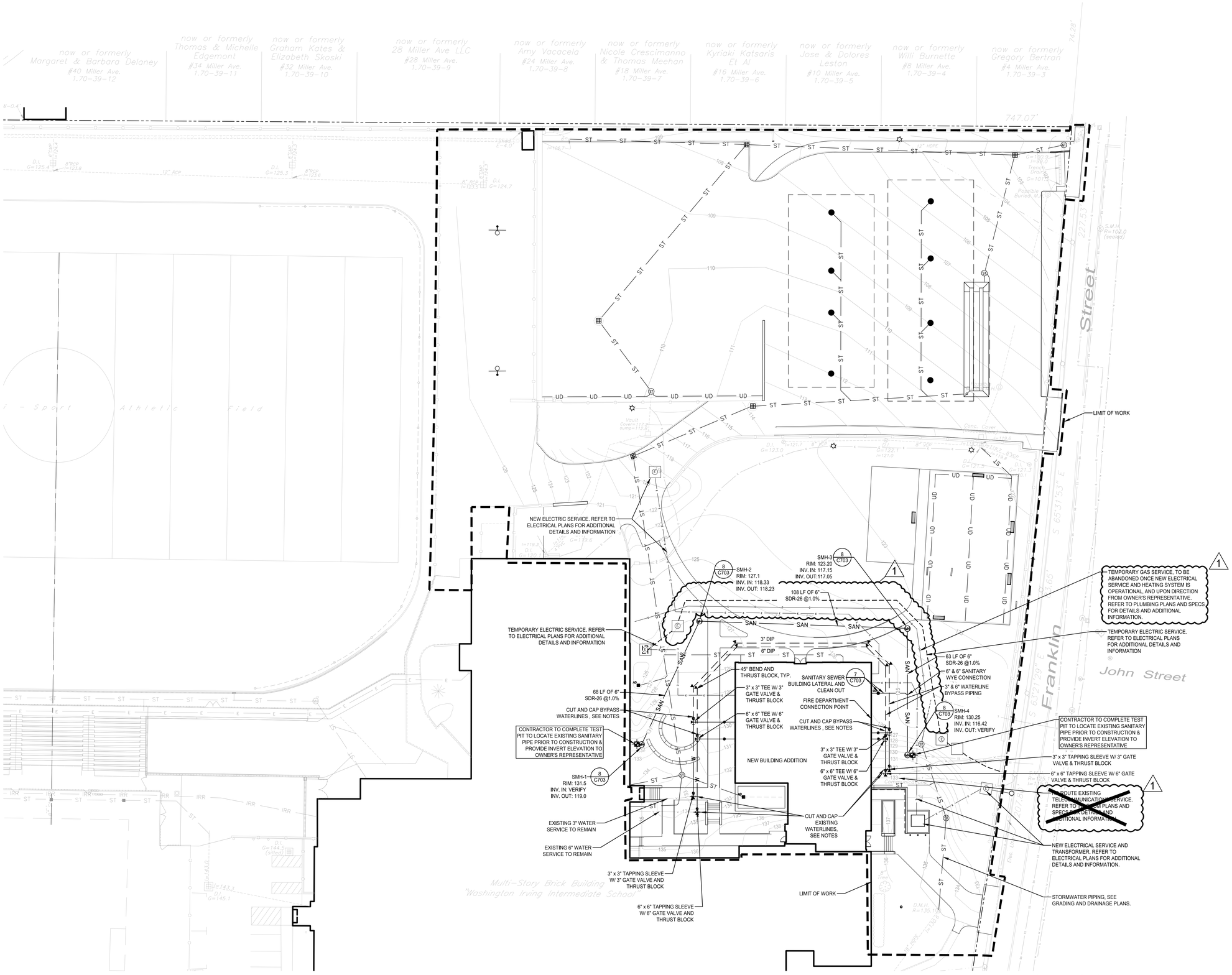
Tarrytown, NY

4/17/2026

20 10 0 5 10 15 20

Scale: 1" = 20'

The LA GROUP
Landscape Architecture & Engineering PC



WATERLINE INSTALLATION SEQUENCING

1. NOTIFY VILLAGE ENGINEER PRIOR TO WORK AND COORDINATE TIMING / SEQUENCING. CONTACT DONATO PENNELLA, VILLAGE ENGINEER, (914) 631-3668.
2. INSTALL TWO (2) 3" TAPPING SLEEVES AND TWO (2) 6" TAPPING SLEEVES ON THE EXISTING 3" AND 6" WATER SERVICES RESPECTIVELY AS NOTED.
3. INSTALL 3" AND 6" WATER LINES AROUND PROPOSED BUILDING ADDITION. INSTALL 3" AND 6" TEES AS NOTED FOR FUTURE WATERLINE CONNECTIONS WITHIN PROPOSED BUILDING ADDITION.
4. COMPLETE PRESSURE TEST, CHLORINATION, AND MICROBIAL TESTING IN ACCORDANCE WITH THE SPECIFICATION ON NEW WATERLINE.
5. SHUT OFF 3" AND 6" WATER LINES AT ROAD. CUT AND CAP EXISTING WATER LINES WITHIN PROPOSED BUILDING ADDITION FOOTPRINT. COORDINATE WITH OWNER FOR TIMING FOR WATERLINE SHUTDOWN.
6. TURN ON WATER LINE. WATER SERVICE TO THE BUILDING SHALL UTILIZE THE NEWLY INSTALLED WATERLINE AROUND THE PROPOSED BUILDING ADDITION.
7. UPON COMPLETION OF WATERLINE INSTALLATION WITHIN PROPOSED BUILDING ADDITION, CUT AND CAP WATERLINE BYPASS AROUND BUILDING. WATERLINE BYPASS PIPING TO BE ABANDONED IN PLACE.

LEGEND

- LIMIT OF WORK LINE
- PROPERTY LINE
- 247 PROPOSED CONTOUR LINE
- 247 EXISTING CONTOUR LINE
- ST PROPOSED STORM LINE
- PROPOSED TEMPORARY ELECTRICAL LINE
- E PROPOSED ELECTRICAL LINE
- G PROPOSED GAS LINE
- T PROPOSED TELE-COM LINE
- SAN PROPOSED SANITARY SEWER LINE
- PROPOSED BYPASS WATER LINE
- W PROPOSED WATER LINE
- SS EXISTING SANITARY SEWER LINE
- W EXISTING WATER LINE
- G EXISTING GAS LINE
- E EXISTING ELECTRIC LINE
- T EXISTING TELE-COM LINE
- ST EXISTING STORM LINE

20 10 0 5 10 15 20
Scale: 1" = 20'

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SEAL

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⚠ ADDENDUM 4	04/17/2026
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SED PROJECT NO.	66-04-01-03-0-002-017
MEMASI PROJECT NO.	101-2403

SITE UTILITIES PLAN

C500

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2 REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D11 (1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D12 REMOVE EXISTING GWB SOFFIT.
D13 REMOVE EXISTING COUNTER DOOR AND FRAME.
D26 REMOVE MUSICAL INSTRUMENT STORAGE LOCKERS AND TURN OVER TO OWNER. REINSTALL IN BASEMENT.
D79 REMOVE EXIST CONCRETE STAIR ASSEMBLY IN ITS ENTIRETY INCLUDING STAIR RAILING AND ALL ASSOCIATED SUPPORTS.
D82 REMOVE AND DISPOSE OF ALL EXISTING METAL LOCKERS AND LOCKER BASES IN THEIR ENTIRETY.
D83 EXISTING PARTITION WALL TO BE REMOVED IN THEIR ENTIRETY. REFER TO PLUMBING DWG'S FOR FIXTURE REMOVALS
D84 EXISTING SHOWER PARTITION TO BE REMOVED IN THEIR ENTIRETY.
D85 REMOVE EXISTING WIRE MESH WALL AND ALL ASSOCIATED SUPPORTS IN ITS ENTIRETY.
D86 REMOVE EXISTING WOOD STUD, PLYWOOD PARTITION AND DOOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED SUPPORTS.
D87 EXISTING DRINKING FOUNTAIN TO BE REMOVED AND PROTECTED FOR REINSTALLATION IN ITS EXISTING LOCATION.
D88 EXISTING STAIR RAILING TO BE REMOVED AND PROTECTED FOR REINSTALLATION IN ITS EXISTING LOCATION.
D97 REMOVE ABANDONED CONCRETE LOCKER BASES DOWN TO CONCRETE FLOOR SLAB.
D98 REMOVE EXISTING WOODEN ARENA BENCH SEATING.
D107 BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108 ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D114 REMOVE EXISTING NOTICE BOARD/TEACHING BOARD TO ALLOW FOR NEW WALL OPENING OR NEW WALL PARTITION. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.

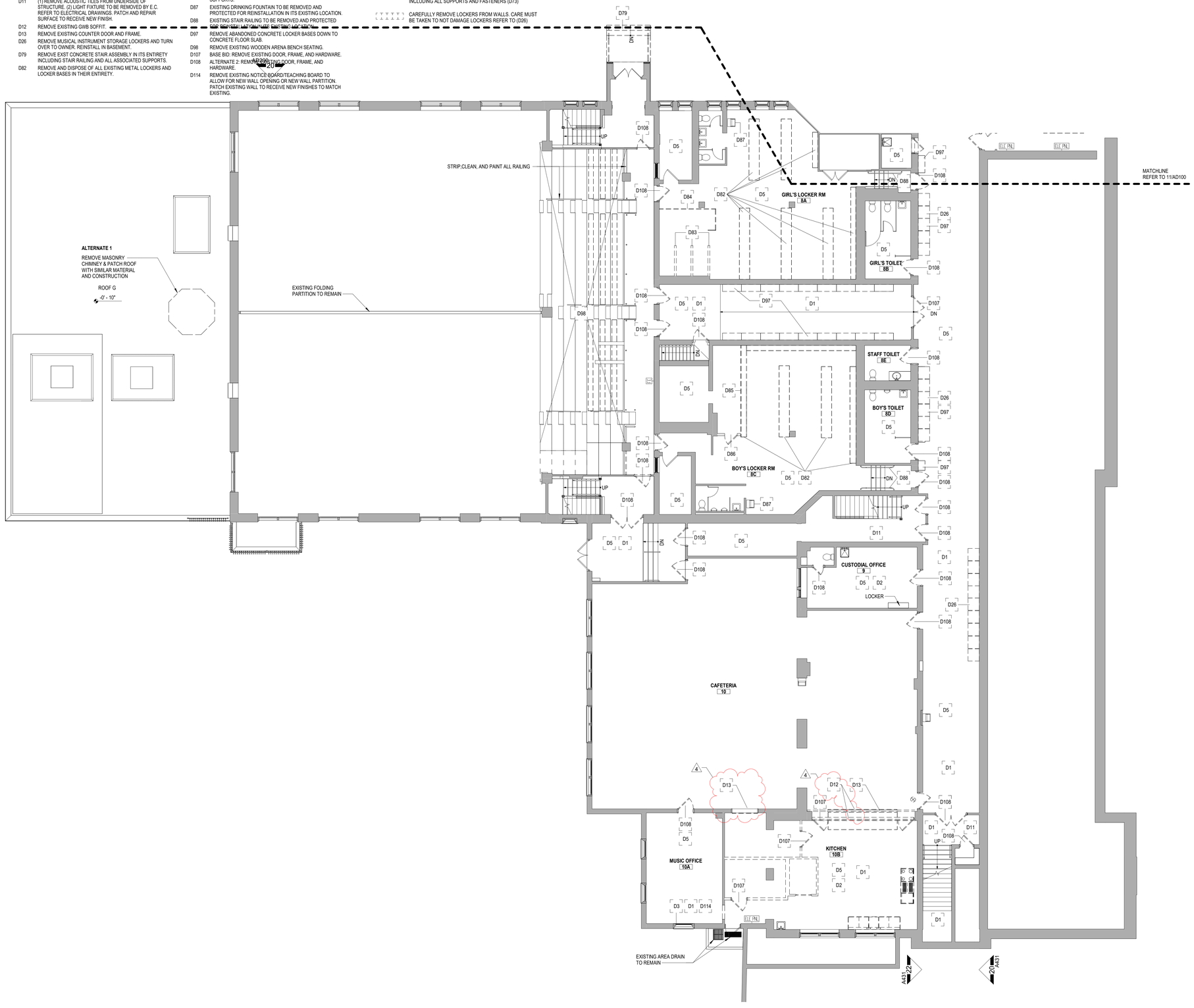
DEMOLITION LEGEND

REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE

REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)

REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)

CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



GROUND FLOOR DEMOLITION PLAN - AREA B
1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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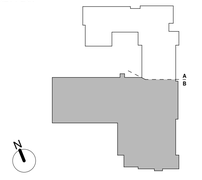
KEY PLAN



PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

DEMOLITION PART PLAN - GROUND FLOOR AREA B

AD101-B

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SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALL'S ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

KEY NOTES

CASEWORK LEGEND

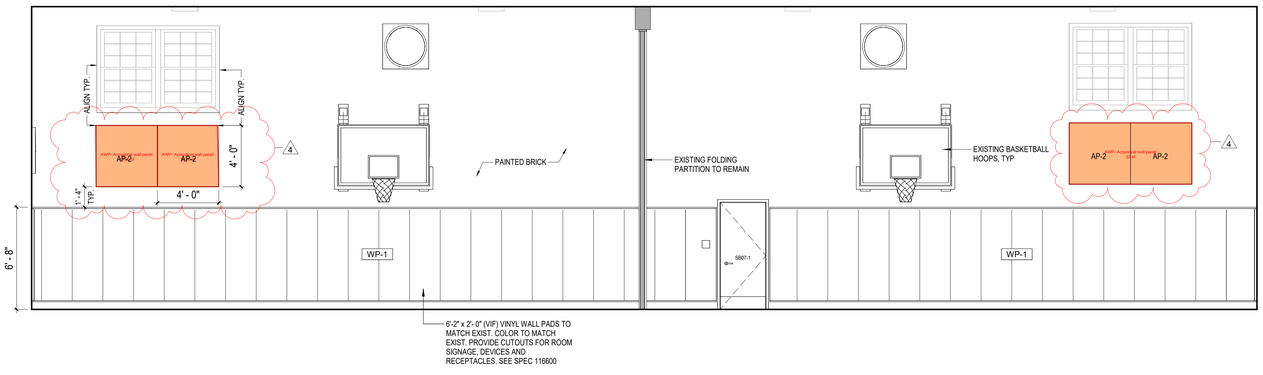
HEIGHT OF CASEWORK — XX/XX — WIDTH OF CASEWORK
CABINET DESIGN SERIES (CDS) NUMBER — XX/XX — DEPTH OF CASEWORK

SYMBOL/ABBREVIATION LEGEND

SB	SMARTBOARD
WB	WHITE BOARD
TB	TACK BOARD
	HALFTONE INDICATES NEW FURNITURE
SS	SOLID SURFACE
PB	PIN-UP BOARD
AWP-"XX"	ACOUSTIC WALL PANEL
AP-"XX"	ACOUSTIC PANEL

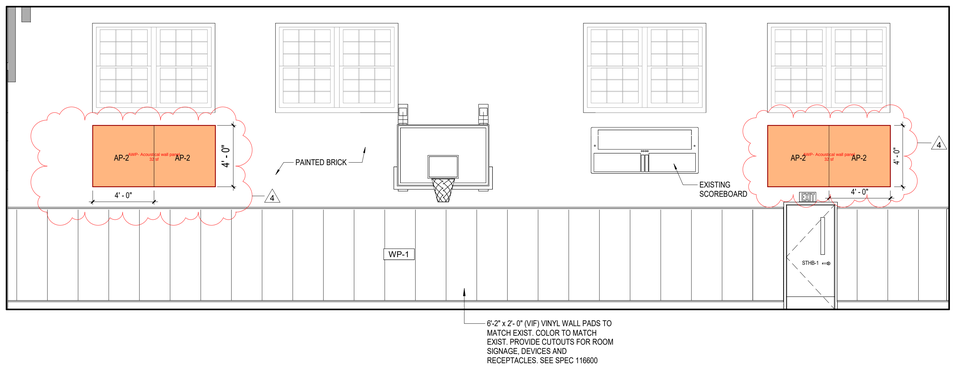
LEGEND

SHAFT
INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED
CASEWORK
NOT IN SCOPE



WEST ELEVATION - GYM
1/4" = 1'-0"

21

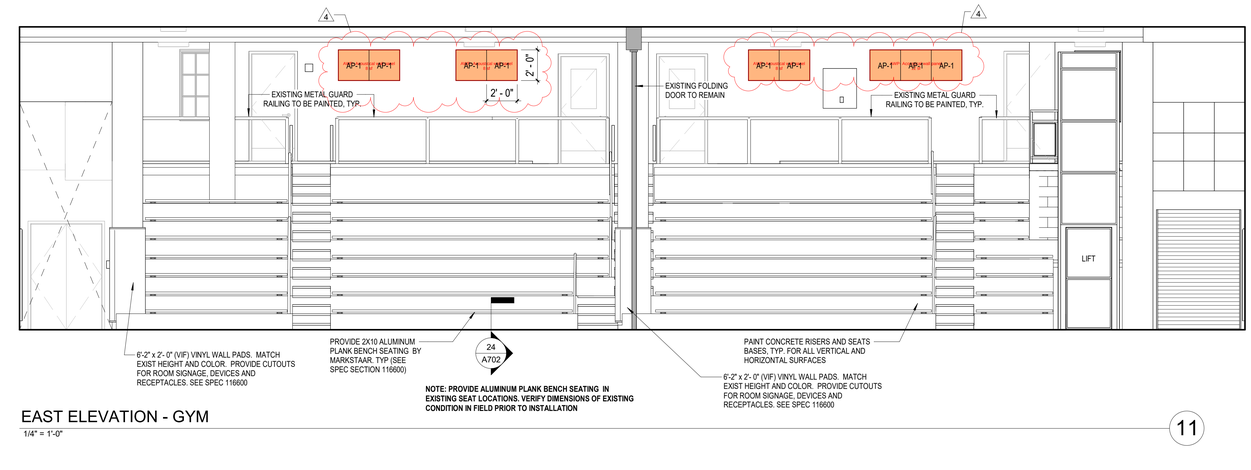


SOUTH ELEVATION - GYM
1/4" = 1'-0"

20

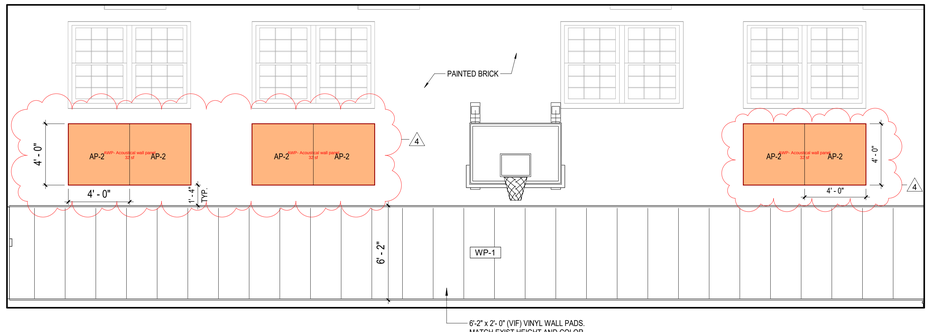
Legend

Description	Quantity	Unit
AWP- Acoustical wall panel	259.88	sf



EAST ELEVATION - GYM
1/4" = 1'-0"

11



NORTH ELEVATION - GYM
1/4" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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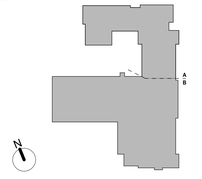
SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
992 BEDFORD STREET
BRIDGEWATER, MA. 02324

SEAL

BID ADDENDUM	4	04/17/2026
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

GYMNASIUM INTERIOR ELEVATIONS

A403

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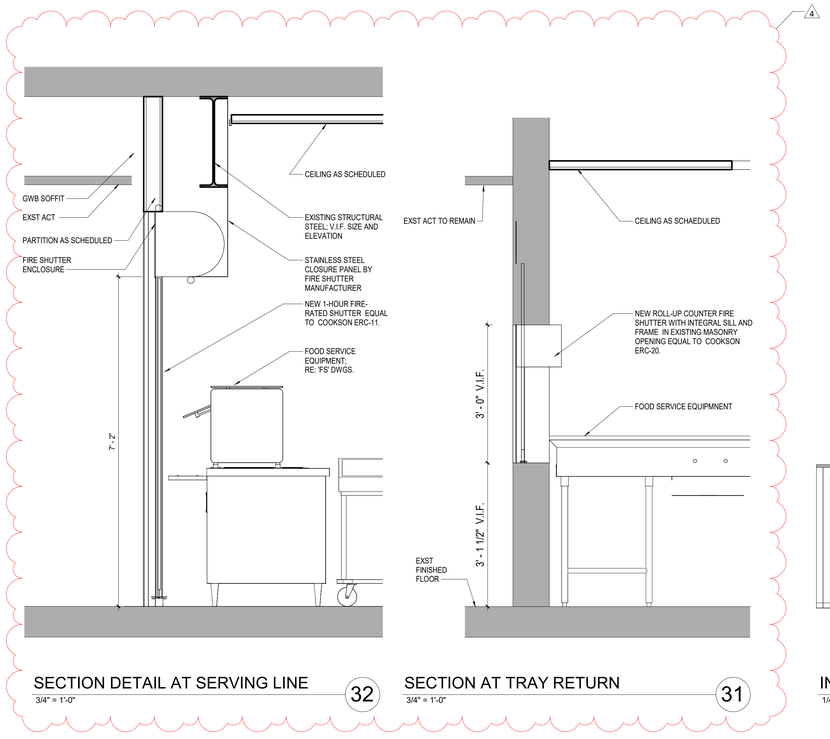
SHEET NOTES

1. FURNITURE SHOWN FOR COORDINATION PURPOSES. NOT PART OF GC SCOPE.
2. PATCH AND REPAIR EXISTING WALL SURFACES WHERE TRIMS, MOLDINGS, OR FIXTURES WERE REMOVED IN PREPARATION TO RECEIVE NEW FINISHES. REPAIR EXISTING WALL SURFACES AS REQUIRED TO PROVIDE AN EVEN AND UNIFORM SURFACE IN THE WALL'S ENTIRETY. REFER TO CONSTRUCTION NOTES #5.1- #5.18 ON G002 FOR MORE INFORMATION AND PROJECT SPECS.
3. REFER TO AF001 FOR MATERIAL FINISHES.
4. PROVIDE WOOD BLOCKING BEHIND ALL WALL MOUNTED EQUIPMENT.
5. PROVIDE ACCESS PANELS INSIDE CASEWORK WHERE REQUIRED FOR ACCESS TO MECH EQUIPMENT BEYOND.
6. GC SHALL COORDINATE CASEWORK RECEPTACLES LOCATIONS WITH ARCH AND ELEC DWGS.

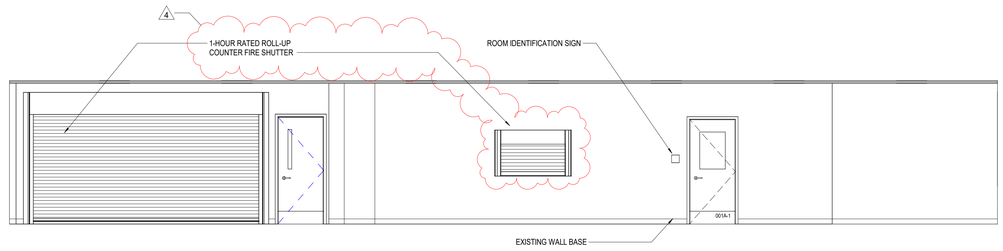
KEY NOTES

10.16 PROVIDE STAINLESS STEEL CORNER GUARD.

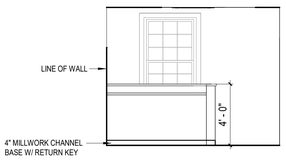


SECTION DETAIL AT SERVING LINE 32
3/4" = 1'-0"

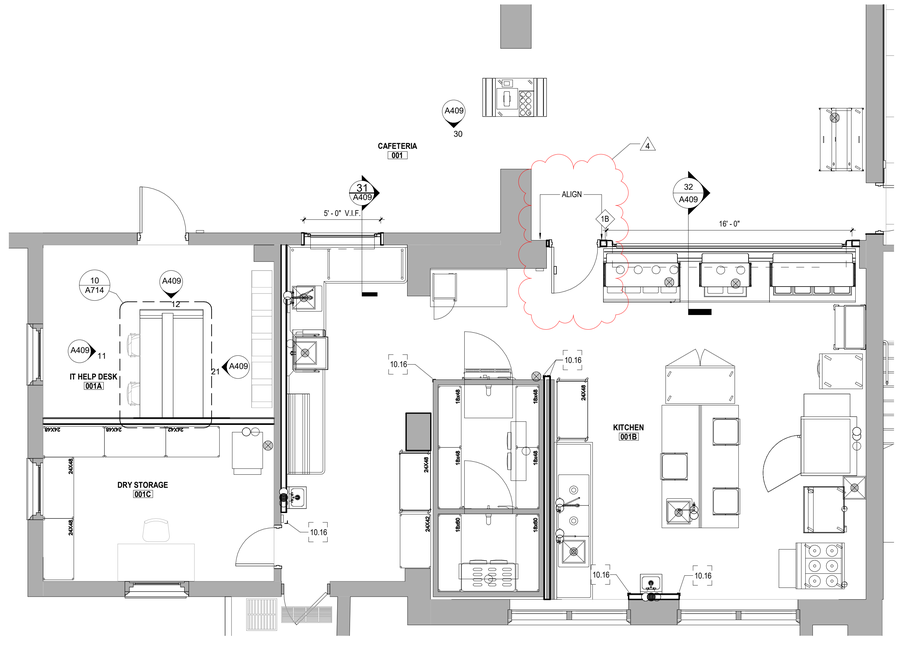
SECTION AT TRAY RETURN 31
3/4" = 1'-0"



INTERIOR ELEVATION - SERVING LINE 30
1/4" = 1'-0"

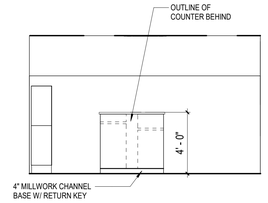


EAST ELEVATION - IT HELP DESK 21
1/4" = 1'-0"

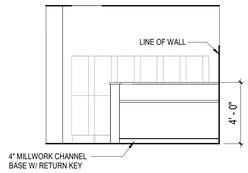


ENLARGED PLAN - KITCHEN & HELP DESK 10
1/4" = 1'-0"

NOTE: REFER TO FOOD SERVICE DRAWINGS FOR COMMERCIAL KITCHEN EQUIMENT.



WEST ELEVATION - IT HELP DESK 12
1/4" = 1'-0"



NORTH ELEVATION - IT HELP DESK 11
1/4" = 1'-0"

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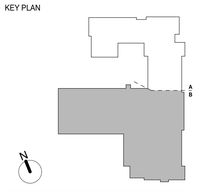

PROJECT NO. 66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO. 101 - 2403

KITCHEN & HELP DESK ENLARGED PLAN & INTERIOR ELEVATIONS

A409

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SHEET NOTES

DEFINITIONS

KEY NOTES

3.01	PARGE AND LEVEL CONCRETE LANDING.
6.01	REPLICATE EXISTING WOOD PANELS/TRIM IN WESTERN RED CEDAR. PREPARE AND PAINT.
6.02	REPLICATE PILASTER BASE IN WESTERN RED CEDAR. PREP AND PAINT.
7.03	PROVIDE NEW ALUMINUM LEADER HEAD AND LEADER. CONNECT TO EXISTING UNDERGROUND STORM DRAINAGE PIPING.
7.07	REMOVE EXISTING SHEET METAL FLASHING AND REPLACE WITH NEW. MECHANICALLY FASTEN TO SUBSTRATE.
8.06	EXISTING TRANSOM TO REMAIN.
9.06	SCOPE OF WORK BY OWNER TO PAINT WHERE NECESSARY.
9.85	PREPARE AND PAINT EXISTING METAL RAILING
9.86	PREPARE AND PAINT ALL EXISTING WOOD COMPONENTS FROM PILASTER BASE TO CORNICE.
10.18	REINSTALL EXISTING SIGN.
12.02	PROVIDE NEW RUBBER DOOR MAT.
D36	REMOVE RAIN LEADER HEAD AND LEADER.
D115	PREPARE CONCRETE LANDING FOR PARGING.
D116	REMOVE EXISTING DOOR MAT. REPAIR AND CLEAN EXISTING STONE STOOP. DEMO
D117	DISMANTLE EXISTING WOOD PANELING/TRIM. AVOID DAMAGING ADJACENT SURFACES. PATCH AND REPAIR ANY DAMAGE TO ADJACENT SURFACES.
D118	DISMANTLE DECAYED WOOD PILASTER BASE.
D119	DISMANTLE AND STORE EXISTING SIGN FOR REINSTALLTION.



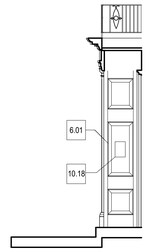
SOUTH ENTRY REFERENCE PHOTO - SOUTH 33
3/16" = 1'-0"



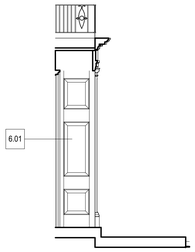
SOUTH ENTRY REFERENCE PHOTO - EAST 15
1/32" = 1'-0"



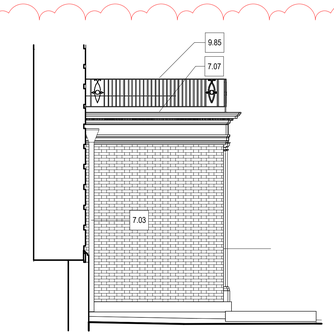
SOUTH ENTRY REFERENCE PHOTO - WEST 13
1/16" = 1'-0"



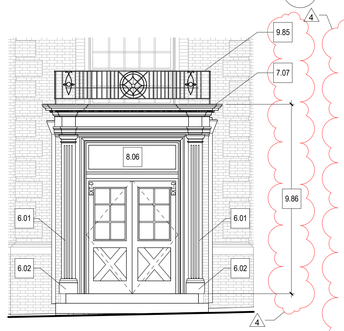
SOUTH ENTRY INT. ELEVATION - WEST 31
1/4" = 1'-0"



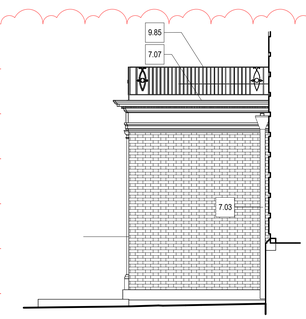
SOUTH ENTRY INT. ELEVATION - EAST 30
1/4" = 1'-0"



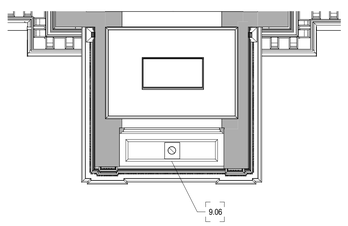
SOUTH ENTRY EXT. ELEVATION - WEST 22
1/4" = 1'-0"



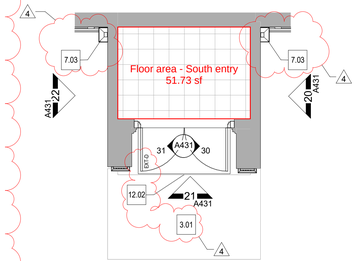
SOUTH ENTRY ELEVATION - SOUTH 21
1/4" = 1'-0"



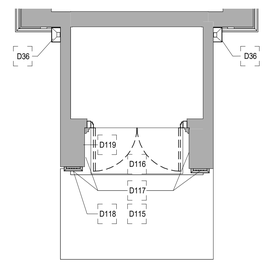
SOUTH ENTRY EXT. ELEVATION - EAST 20
1/4" = 1'-0"



SOUTH ENTRY RCP 12
1/4" = 1'-0"



ENLARGED PLAN AT SOUTH ENTRY 11
1/4" = 1'-0"



SOUTH ENTRY DEMOLITION PLAN 10
1/4" = 1'-0"

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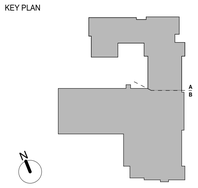

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ENLARGED PLANS AND ELEVATIONS SOUTH ENTRY

A431

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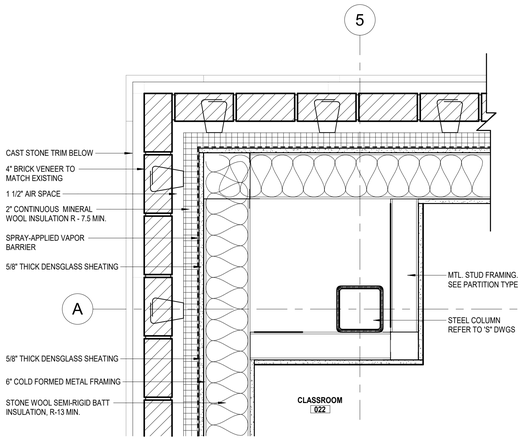
SHEET NOTES

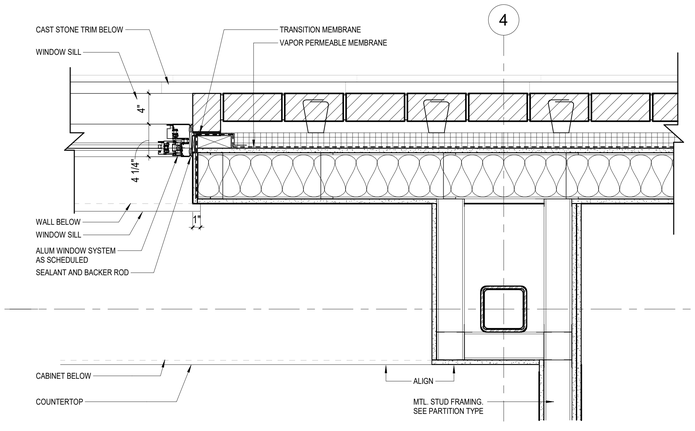
KEY NOTES



EXTERIOR PLAN DETAIL @ COLUMN A-5

1 1/2" = 1'-0"

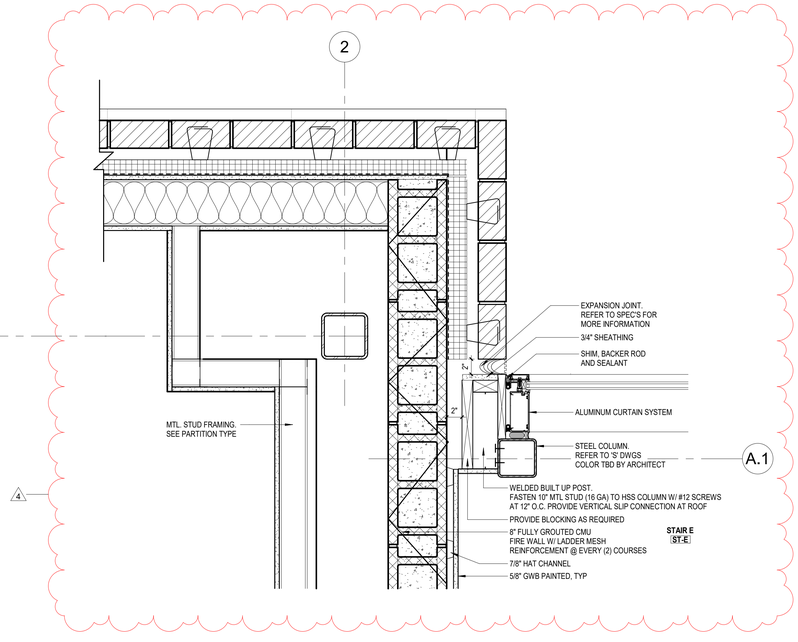
22



EXTERIOR JAMB DETAIL NEAR COLUMN A-4

1 1/2" = 1'-0"

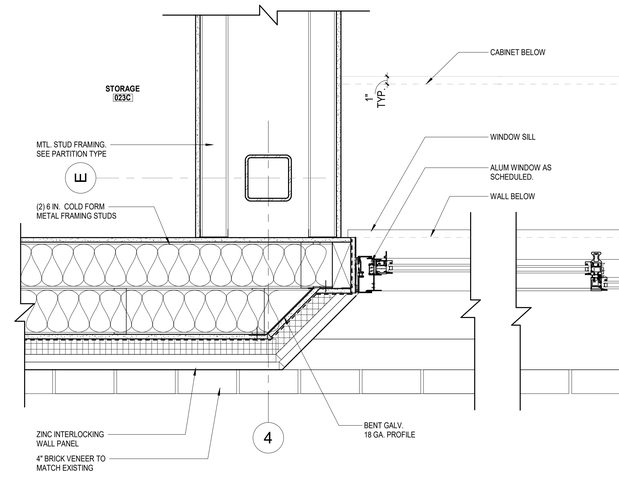
21



PLAN DETAIL @ COLUMN A-2

1 1/2" = 1'-0"

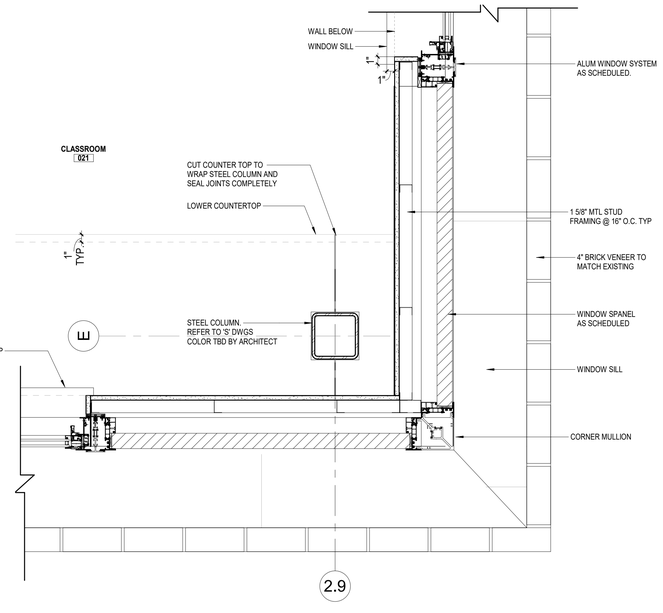
20



EXTERIOR JAMB DETAIL NEAR COLUMN E-4

1 1/2" = 1'-0"

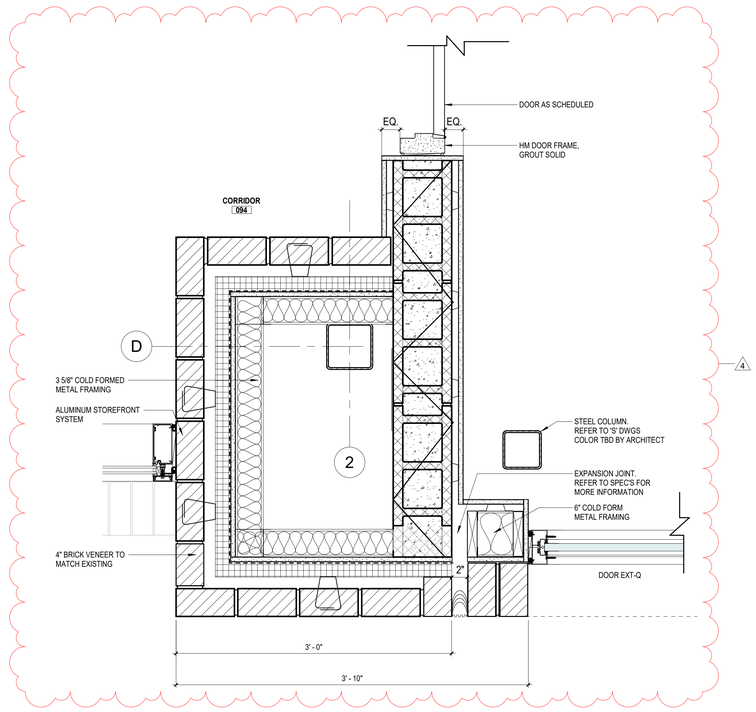
12



EXTERIOR JAMB DETAIL NEAR COLUMN E-2.9

1 1/2" = 1'-0"

11



PLAN DETAIL @ EXPASION JOINT

1 1/2" = 1'-0"

10

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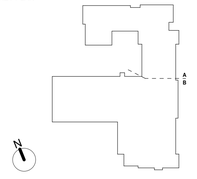

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PLAN DETAILS

A502

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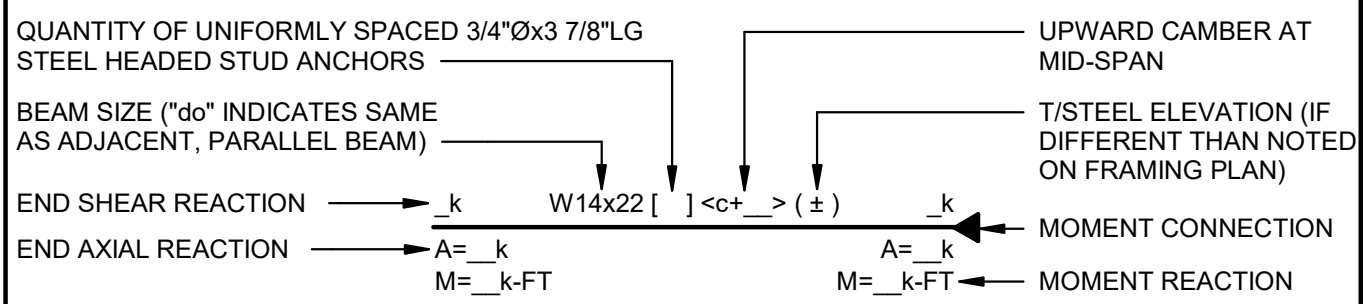
4

STEEL BEAM LEGEND



NOTES:

1. DO NOT CAMBER BEAMS UNLESS A VALUE FOR CAMBER IS SPECIFIED.
2. REFER TO THE SPECIFICATION FOR CONNECTION DESIGN CRITERIA WHERE LOADS AND MOMENTS ARE NOT SHOWN.
3. LOADS AND MOMENTS ARE LRFD (LOAD AND RESISTANCE FACTOR DESIGN).
4. SHEAR REACTIONS ARE THE SAME AT EACH END OF THE BEAM, UNLESS NOTED OTHERWISE.

GENERAL NOTES
CONTINUED

S002

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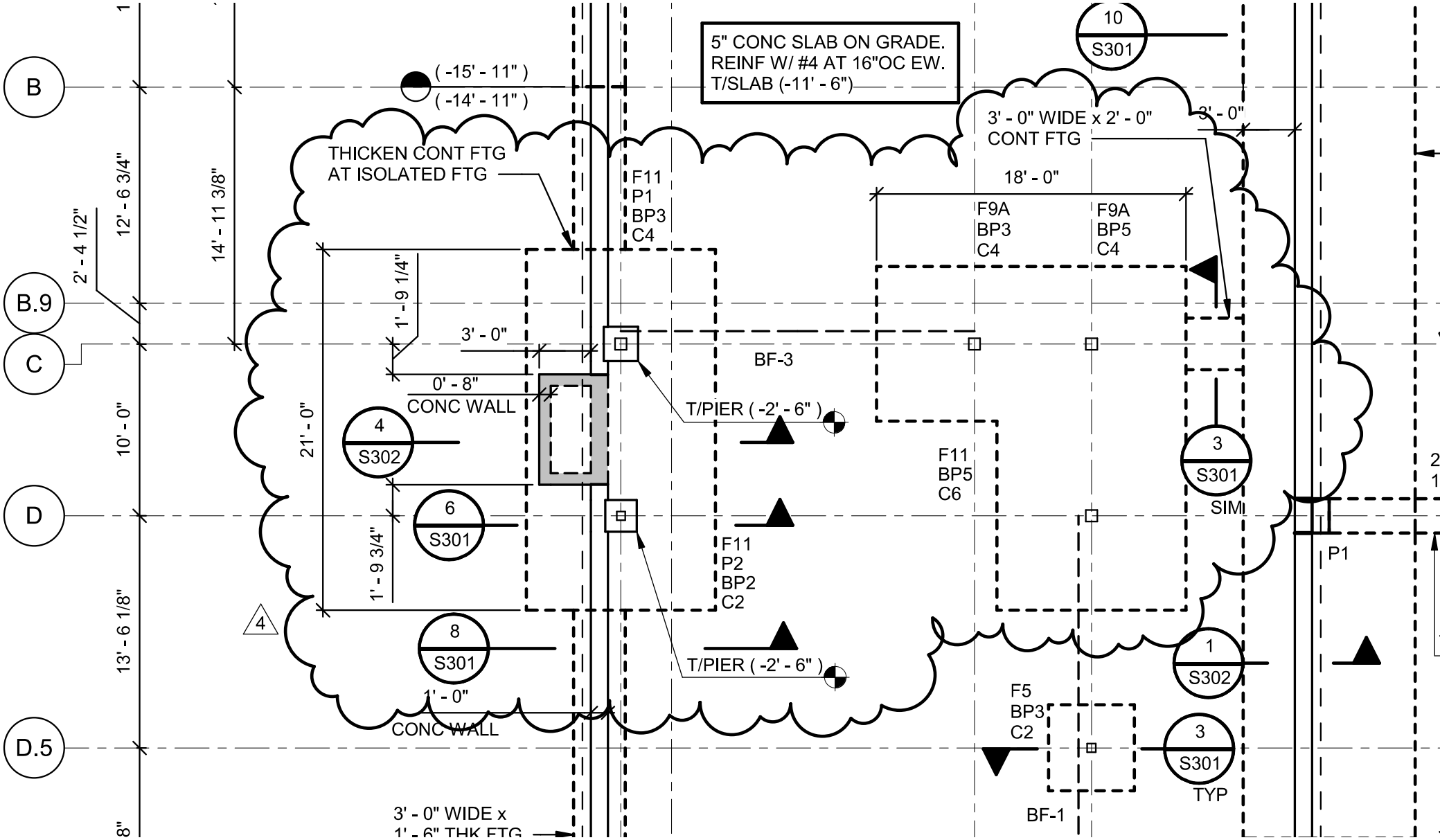

BASEMENT
FOUNDATION
PLAN - AREA A

S100

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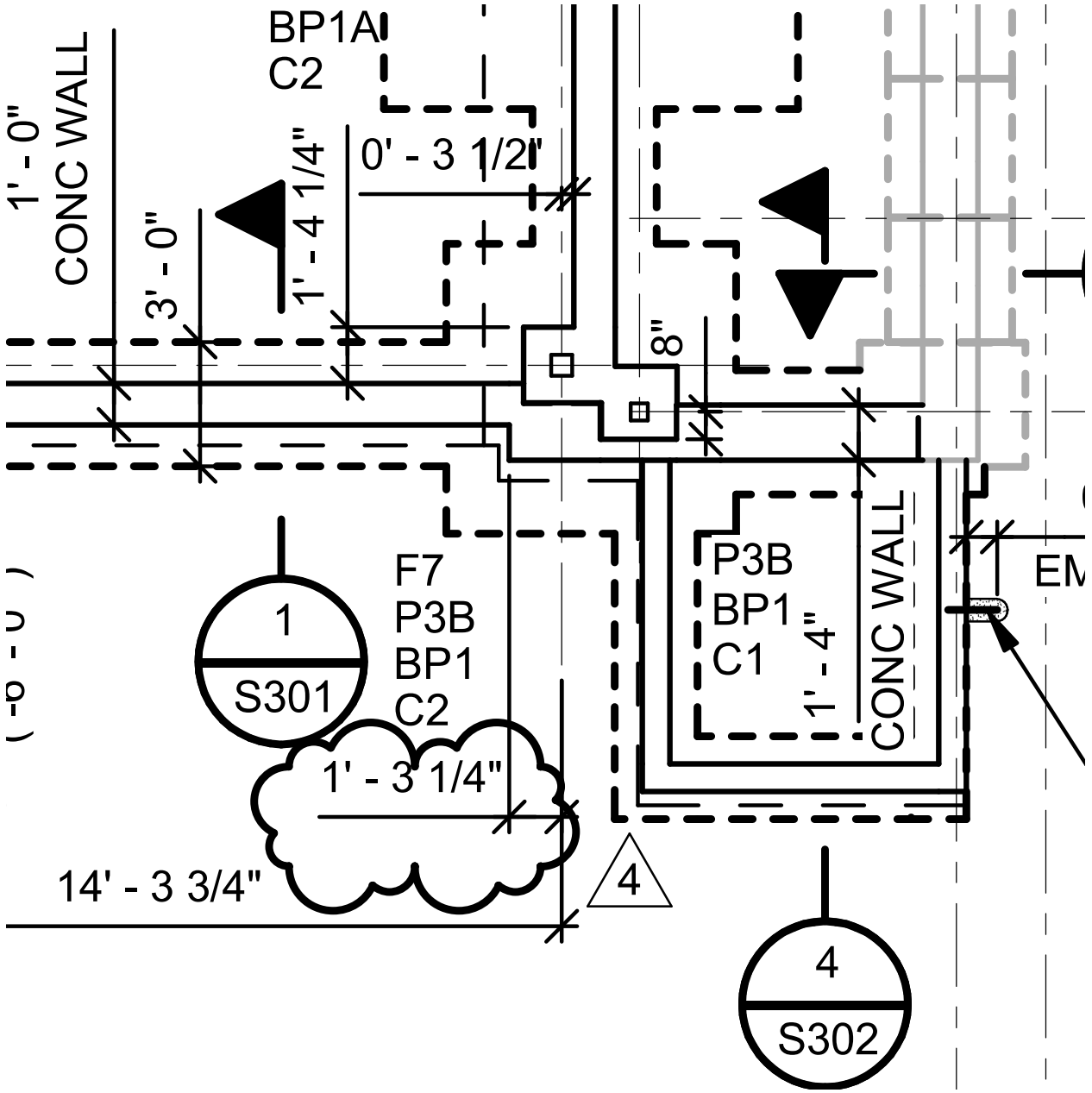

BASEMENT FOUNDATION PLAN - AREA A

S100

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COLUMN FOOTING SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
F4	4' - 0" x 4' - 0" x 1' - 6"	(6)#5 EW, BOTTOM	
F5	5' - 0" x 5' - 0" x 1' - 6"	(7)#5 EW, BOTTOM	
F6	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, BOTTOM	
F6A	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, TOP AND BOTTOM	
F65	6' - 6" x 6' - 6" x 1' - 6"	(9)#5 EW, BOTTOM	
F7	7' - 0" x 7' - 0" x 1' - 6"	(9)#5 EW, BOTTOM	
F8	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, BOTTOM	
F8A	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, TOP AND BOTTOM	
F85	8' - 6" x 8' - 6" x 1' - 6"	(11)#5 EW, BOTTOM	
F9	9' - 0" x 9' - 0" x 1' - 6"	(12)#5 EW, BOTTOM	
F9A	9' - 0" x 9' - 0" x 2' - 0"	(12)#7 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F10	10' - 0" x 9' - 0" x 1' - 6"	(8)#7 EW, TOP AND BOTTOM	
F105	10' - 6" x 10' - 6" x 1' - 6"	(11)#6 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F11	11' - 0" x 11' - 0" x 2' - 0"	(13)#7 EW TOP, (18) #7 EW BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK

4

BASEMENT FOUNDATION PLAN - AREA A

S100

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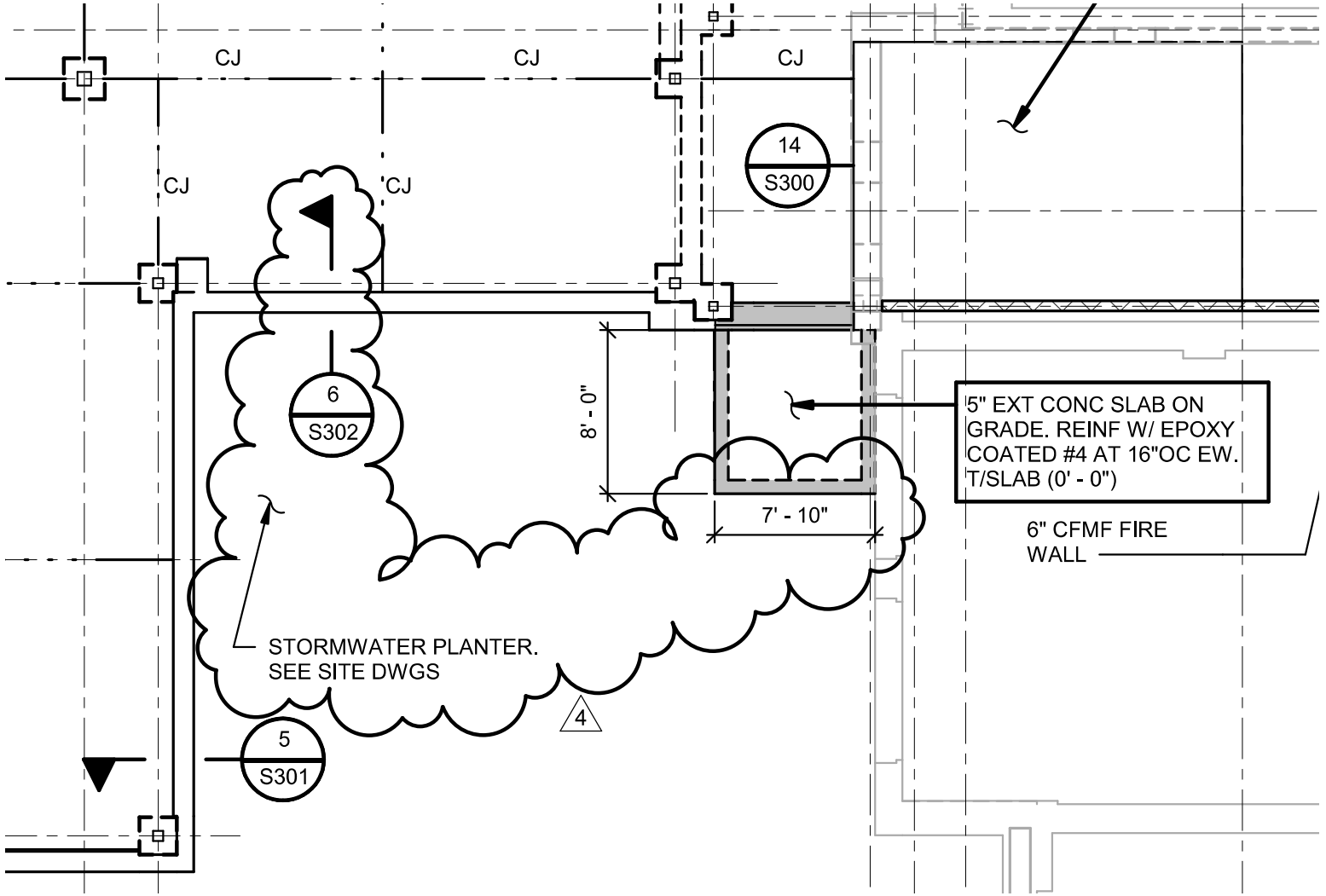

GROUND FLOOR FRAMING PLAN - AREA A

S101

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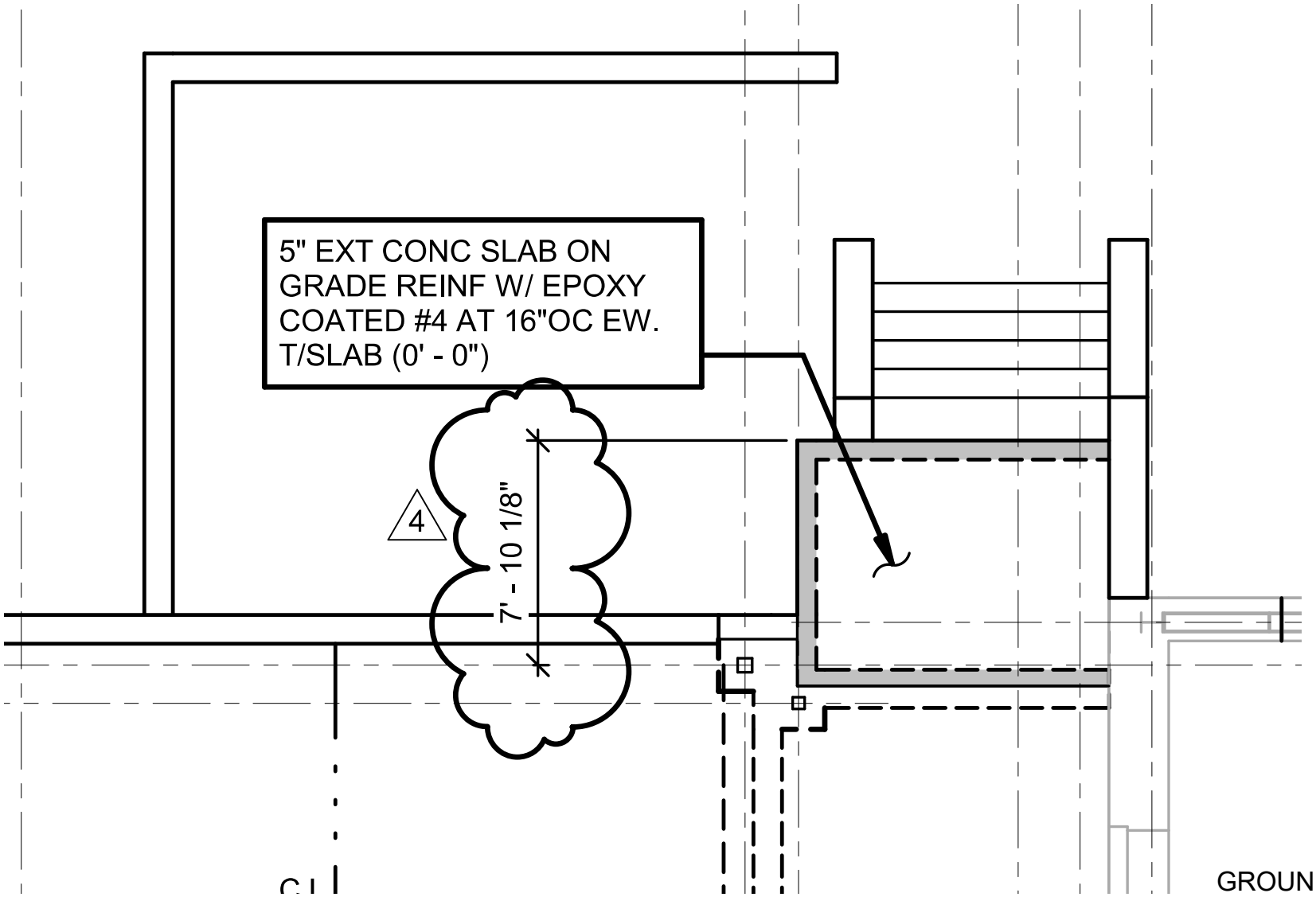

GROUND FLOOR FRAMING PLAN - AREA A

S101

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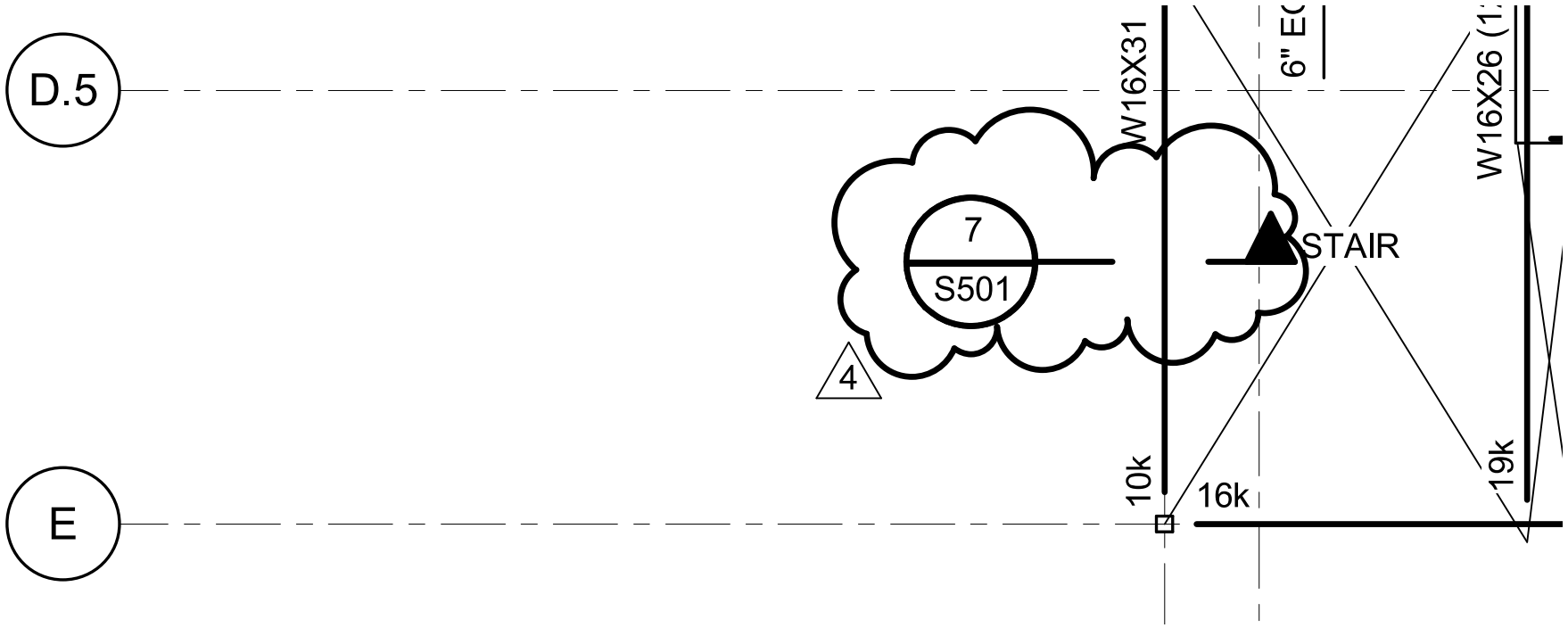
14585.5



FIRST FLOOR FRAMING PLAN - AREA A

S102

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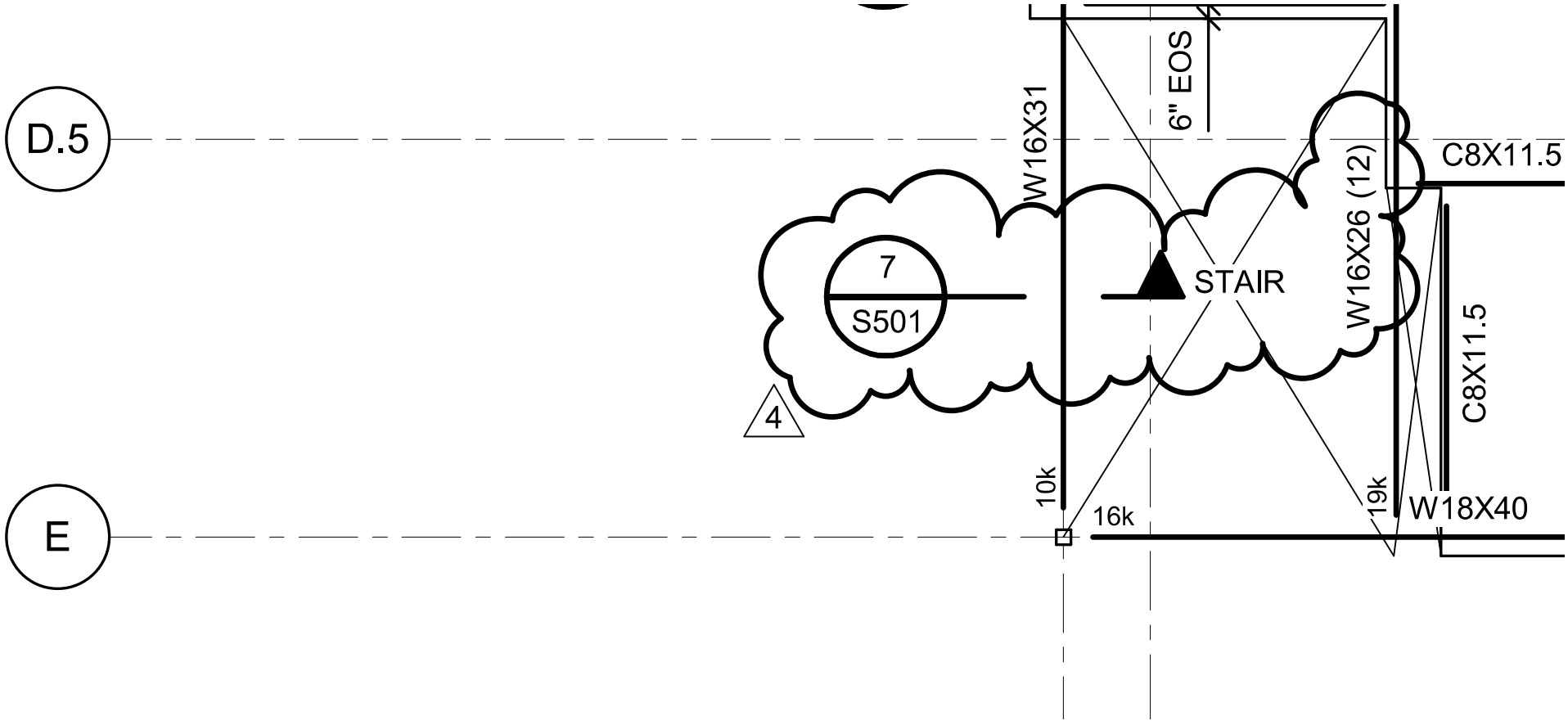

SECOND FLOOR FRAMING PLAN - AREA A

S103

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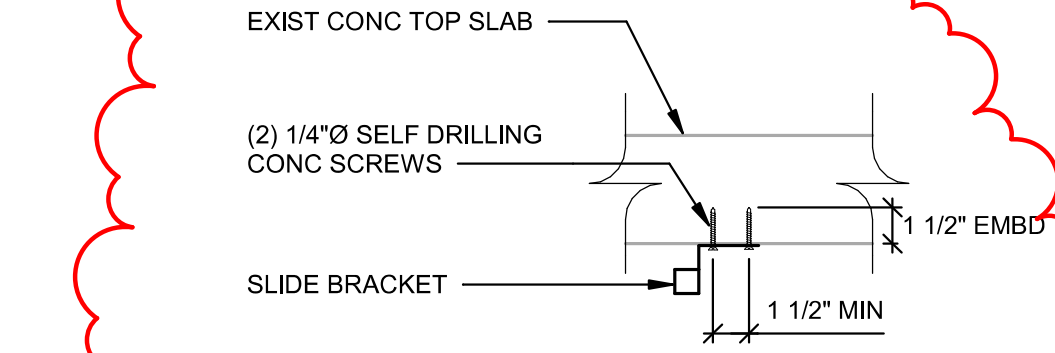
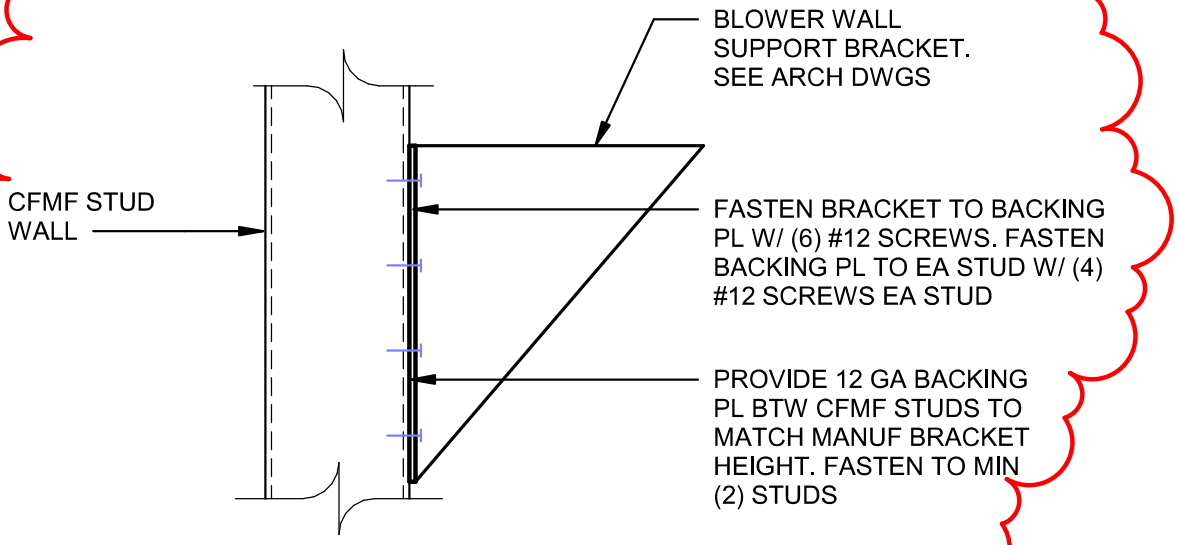


PULLEY ATTACHMENT

4



HOOD ATTACHMENT

10 / S200 SECTION

NOT TO SCALE

NOTE:

1. COORDINATE ALL DIMENSIONS WITH EXISTING CONDITIONS AND MANUFACTURER'S REQUIREMENTS.
2. PROVIDE PULLEY ATTACHMENTS ONLY TO THE UNDERSIDE OF THE EXISTING TOP SLAB.
3. PROVIDE UNPUNCHED SUPPORT BRACKET FOR SCREW FASTENING THROUGH BACKING PLATE TO CFMF STUDS.

PARTIAL PLANS AND DETAILS

S200

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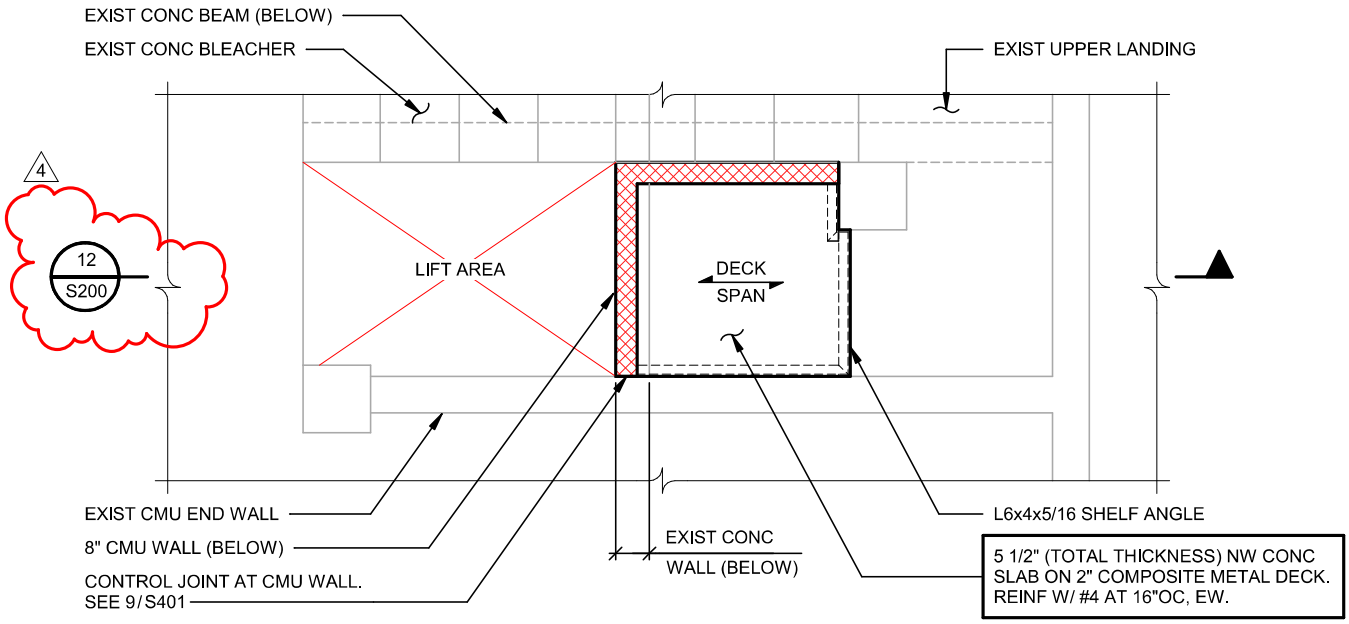

4

11
S200

PARTIAL PLAN AT GYMNASIUM BLEACHER

SCALE: 1/4" = 1'-0"

NOTE:
SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

PARTIAL PLANS
AND DETAILS

S200

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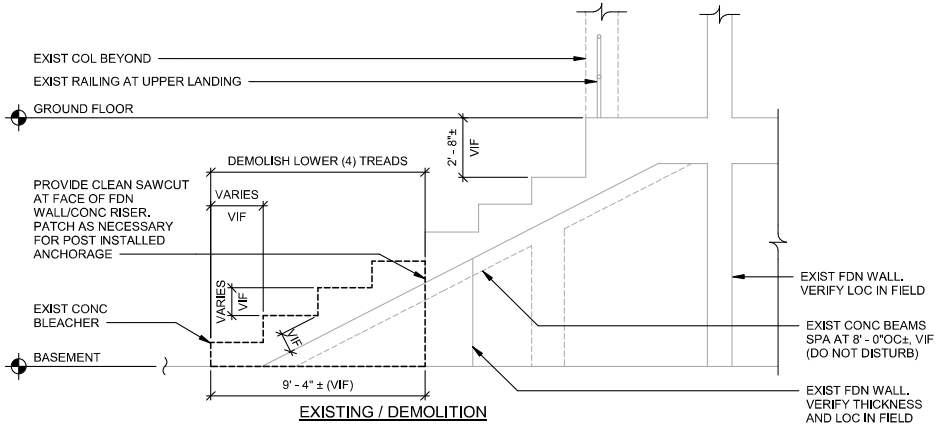
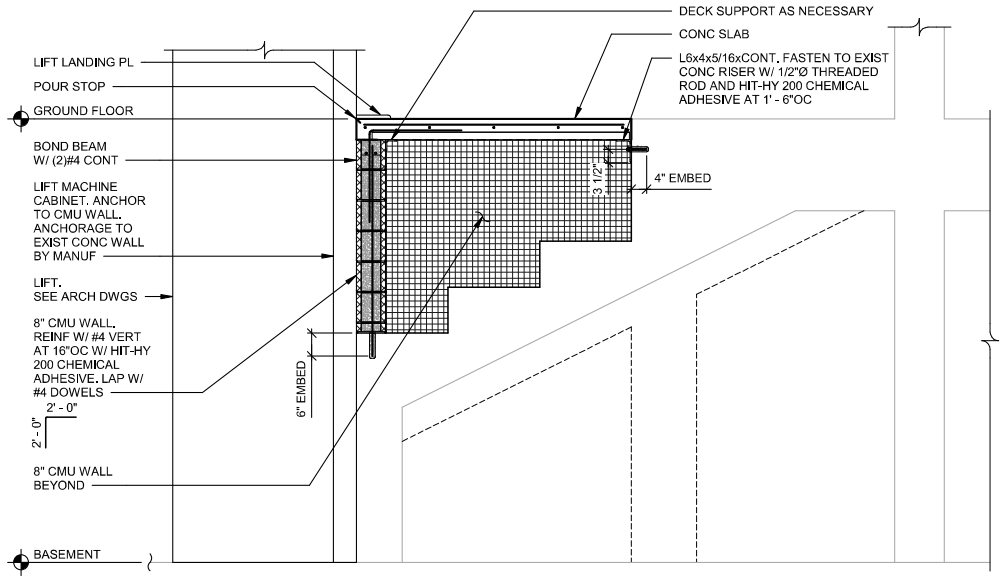


EXISTING / DEMOLITION



PROPOSED

4 / 12 S200 SECTION
SCALE: 1/4" = 1'-0"

NOTE:
1. CONTRACTOR TO COORDINATE ALL DIMENSIONS WITH LIFT MANUFACTURER.
2. PROVIDE MACHINE CABINET ANCHORS AT ALL ELEVATIONS PER MANUFACTURER'S STANDARD SPACING. ANCHORS SHALL BE COMPATIBLE WITH CONCRETE AND GROUTED CMU.

PARTIAL PLANS AND DETAILS

BID ADDENDUM 4 04/17/2026

S200

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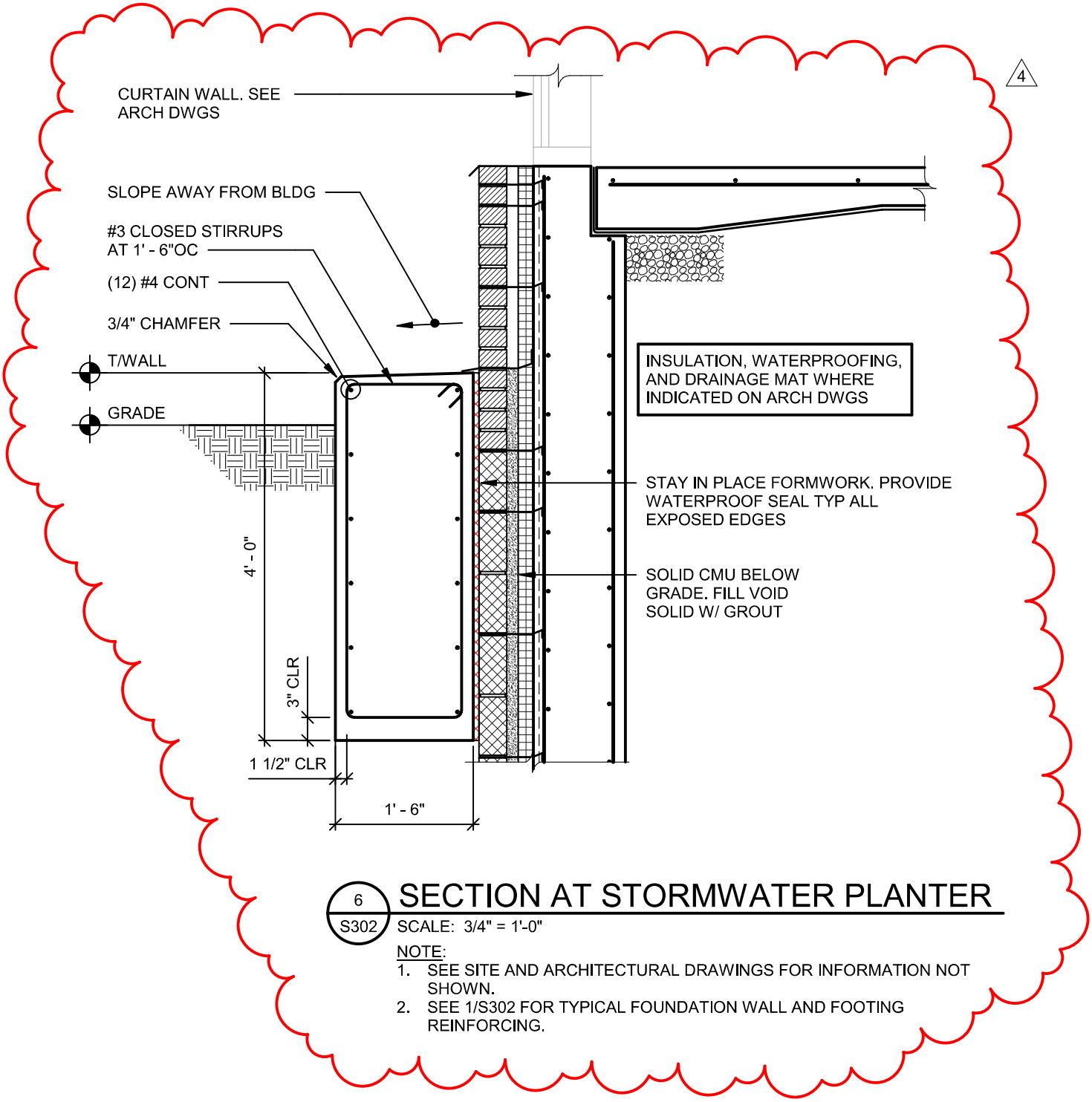

6 / S302 SECTION AT STORMWATER PLANTER

SCALE: 3/4" = 1'-0"

NOTE:

1. SEE SITE AND ARCHITECTURAL DRAWINGS FOR INFORMATION NOT SHOWN.
2. SEE 1/S302 FOR TYPICAL FOUNDATION WALL AND FOOTING REINFORCING.

CONCRETE SECTIONS AND DETAILS

S302

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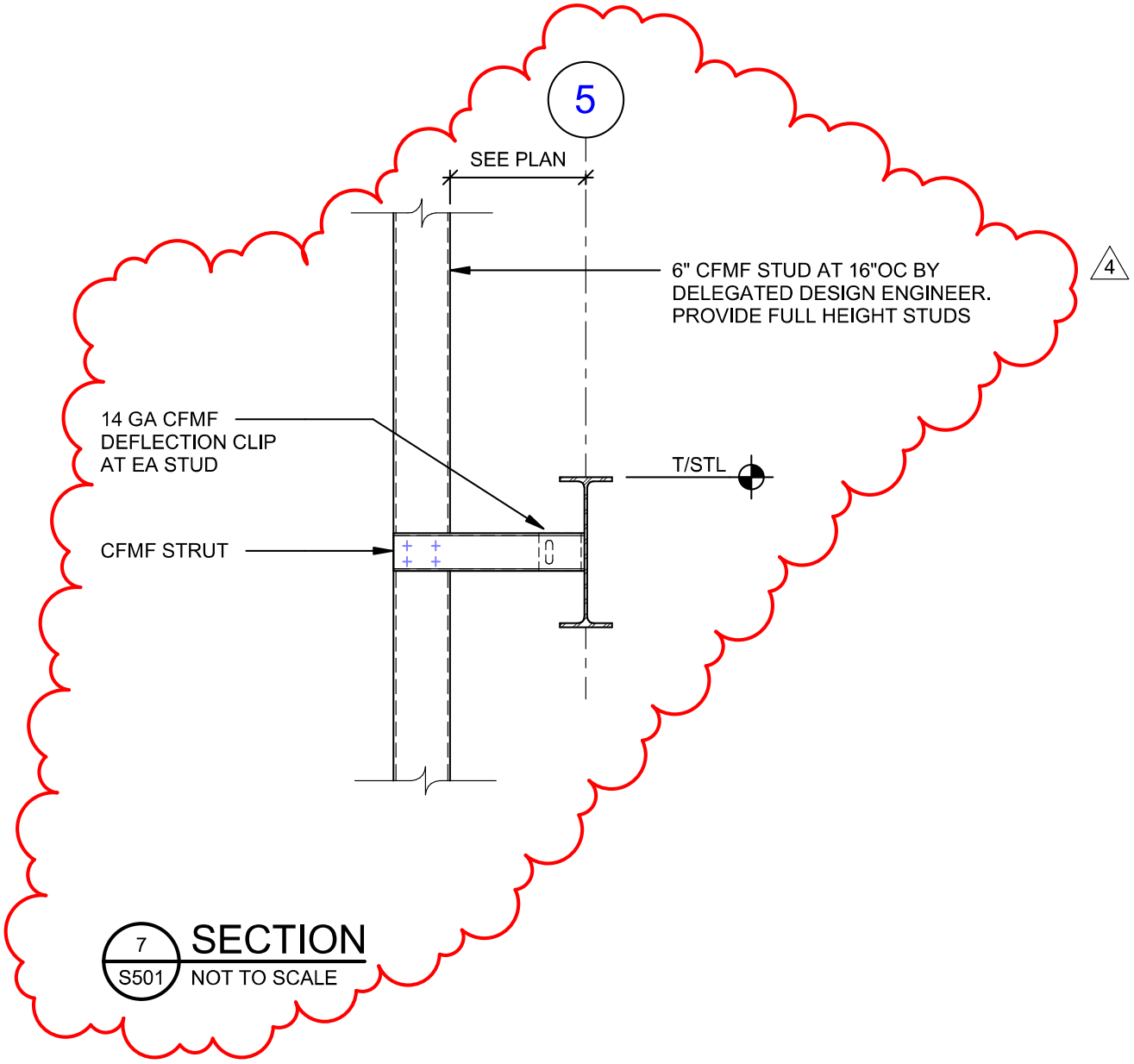

7 / S501 SECTION
NOT TO SCALE

STEEL SECTIONS
AND DETAILS

S501

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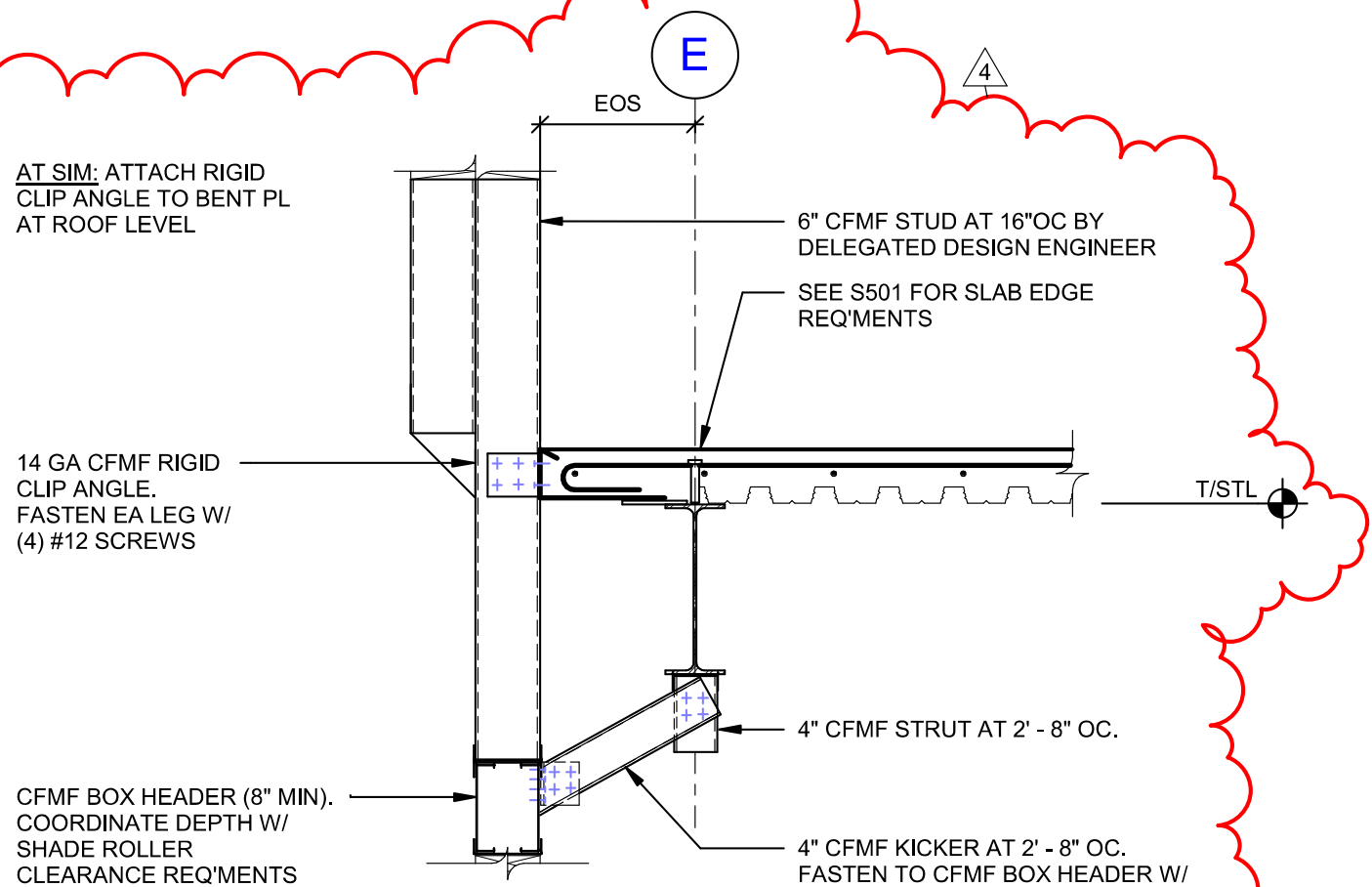

7 / S502 **SECTION**

NOT TO SCALE

NOTE:
COORDINATE CFMF WALL DIMENSION AT FACADE SECTION BEYOND WITH CLEARANCE REQUIREMENTS AND RIGID CLIP ANGLE DIMENSIONS. SEE 2/S502.

SECTIONS AND DETAILS

S502

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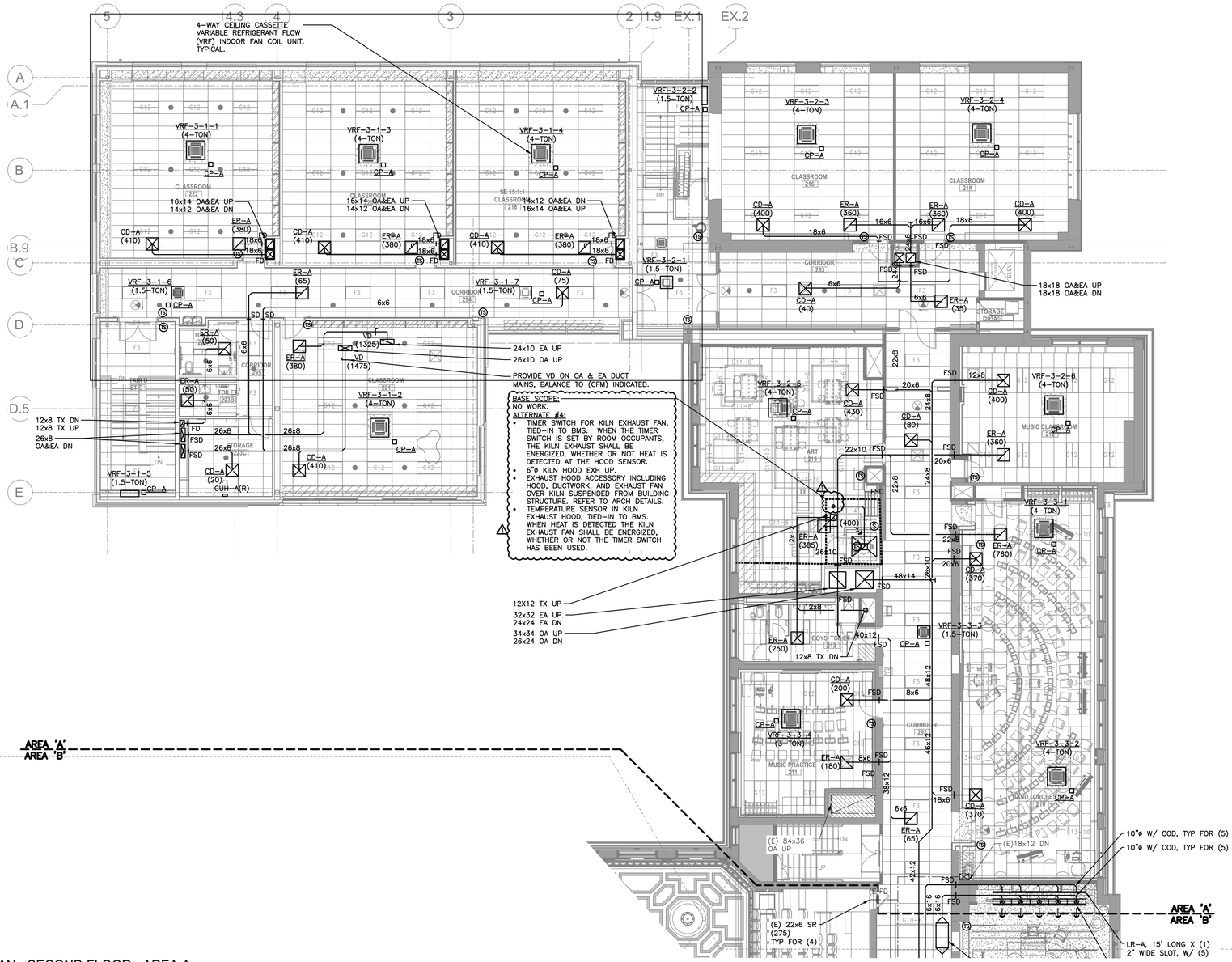

MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

GENERAL NOTES – DUCTWORK:

A. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.

B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

GENERAL NOTES – PIPING:

G. ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

H. DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

I. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.

J. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINSHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.

GENERAL NOTES – CUTTING AND PATCHING:

H. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.

I. WHERE NEW DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. WHERE WALL PENETRATIONS WILL BE 8" OR GREATER IN WIDTH, THE MECHANICAL CONTRACTOR SHALL PROVIDE A NEW LINTEL AS PER DETAIL ON STRUCTURAL DRAWING S402.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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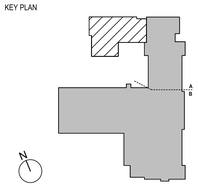
BRIDGEWATER, MA. 02324

⚠ ADDENDUM #4	4/17/2026
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL DUCTWORK PART PLAN - SECOND FLOOR - AREA A

M104-A

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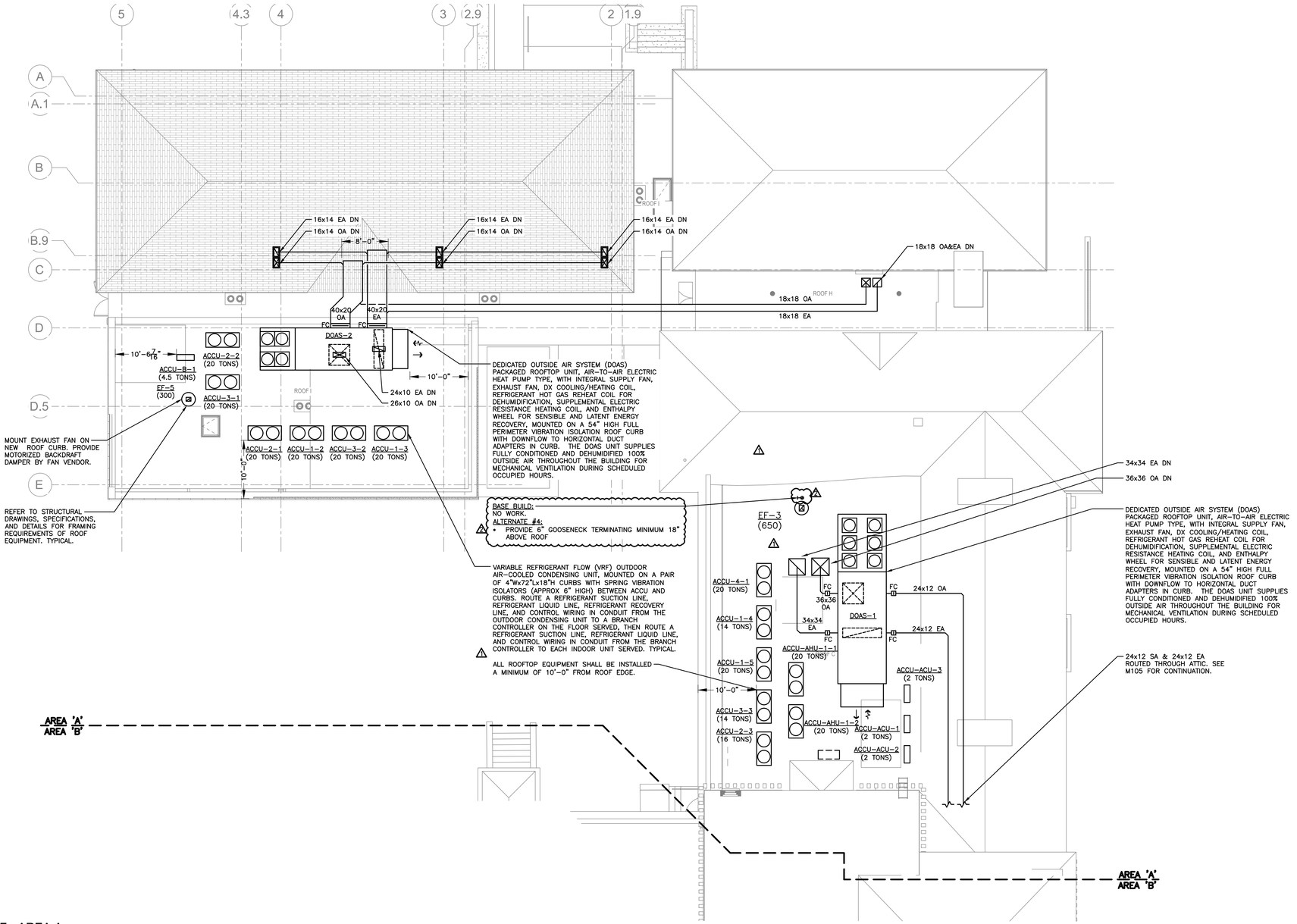

MECHANICAL PART PLAN - ROOF - AREA A
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

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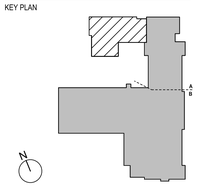
KEY PLAN



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MECHANICAL PART PLAN - ROOF - AREA A

M106-A

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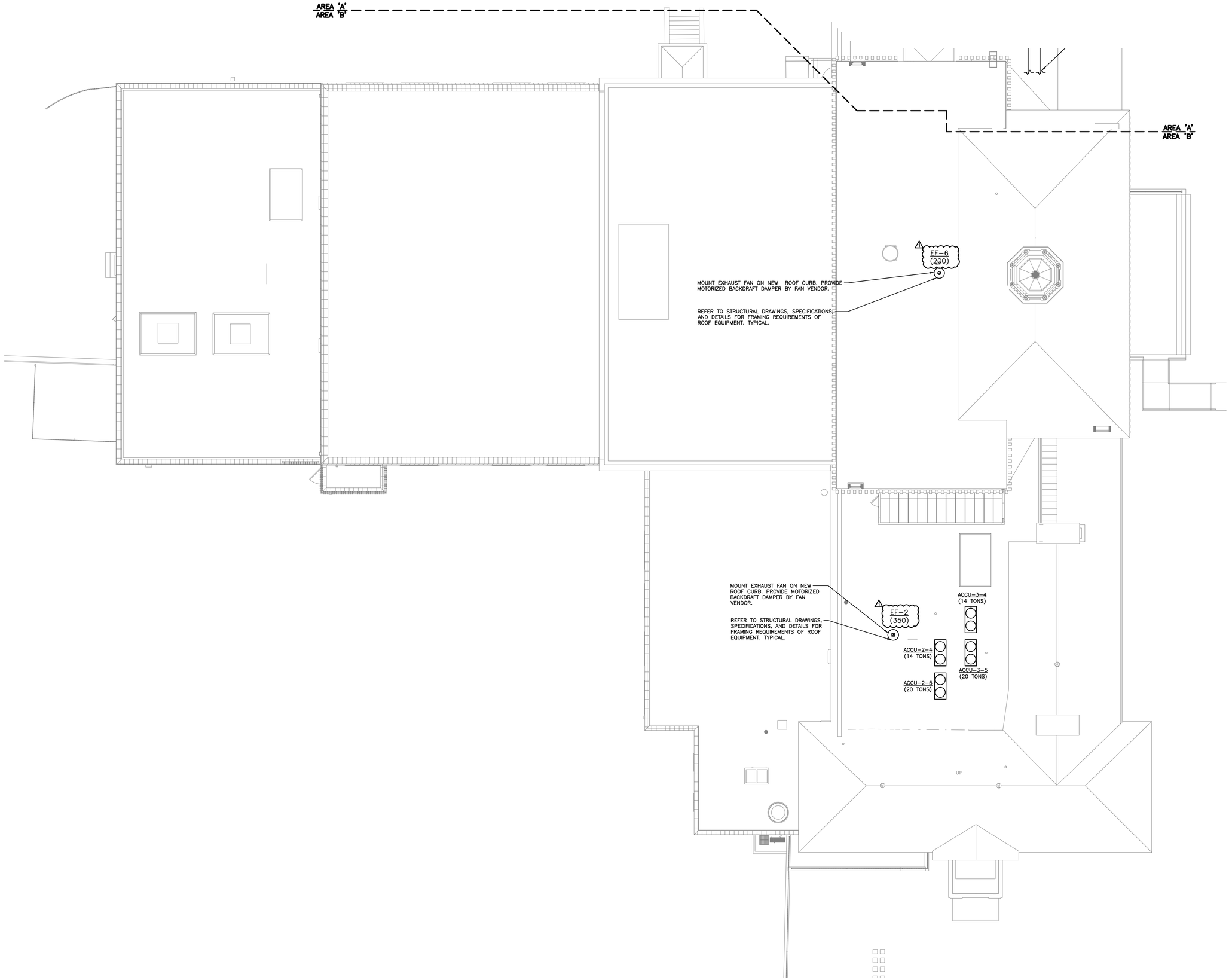

MECHANICAL PART PLAN - ROOF - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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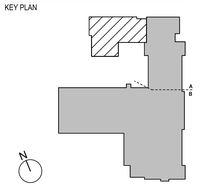

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MECHANICAL PART PLAN - ROOF - AREA B

M106-B

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GENERAL NOTES – DUCTWORK:

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B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

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J. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINISHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.

GENERAL NOTES – CUTTING AND PATCHING:

H. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.

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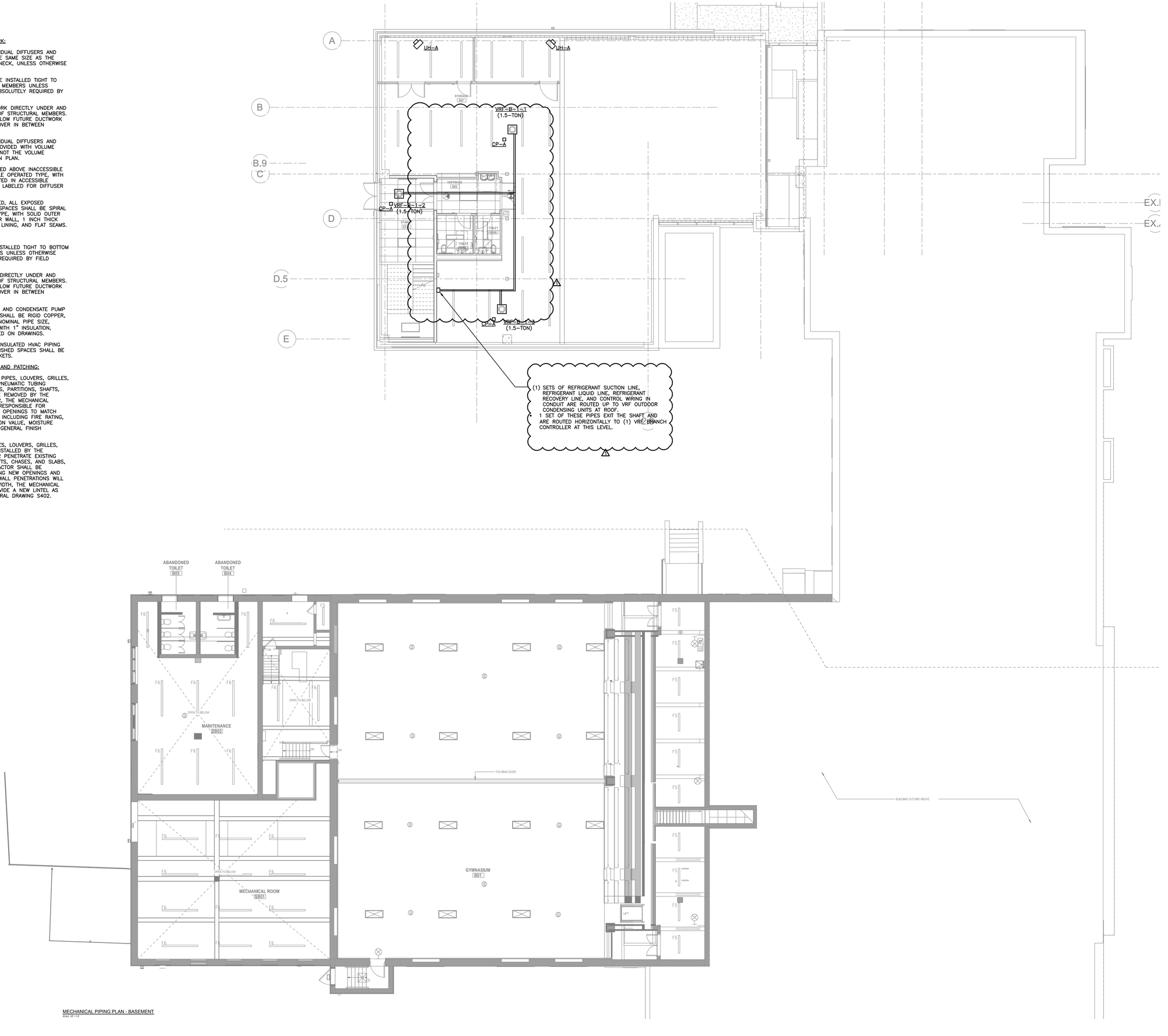

MECHANICAL PIPING PLAN - BASEMENT
SCALE: 1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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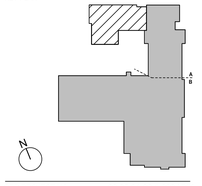
KEY PLAN



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MEMASI PROJECT NO. 101-2403

MECHANICAL PIPING PLAN - BASEMENT

M201

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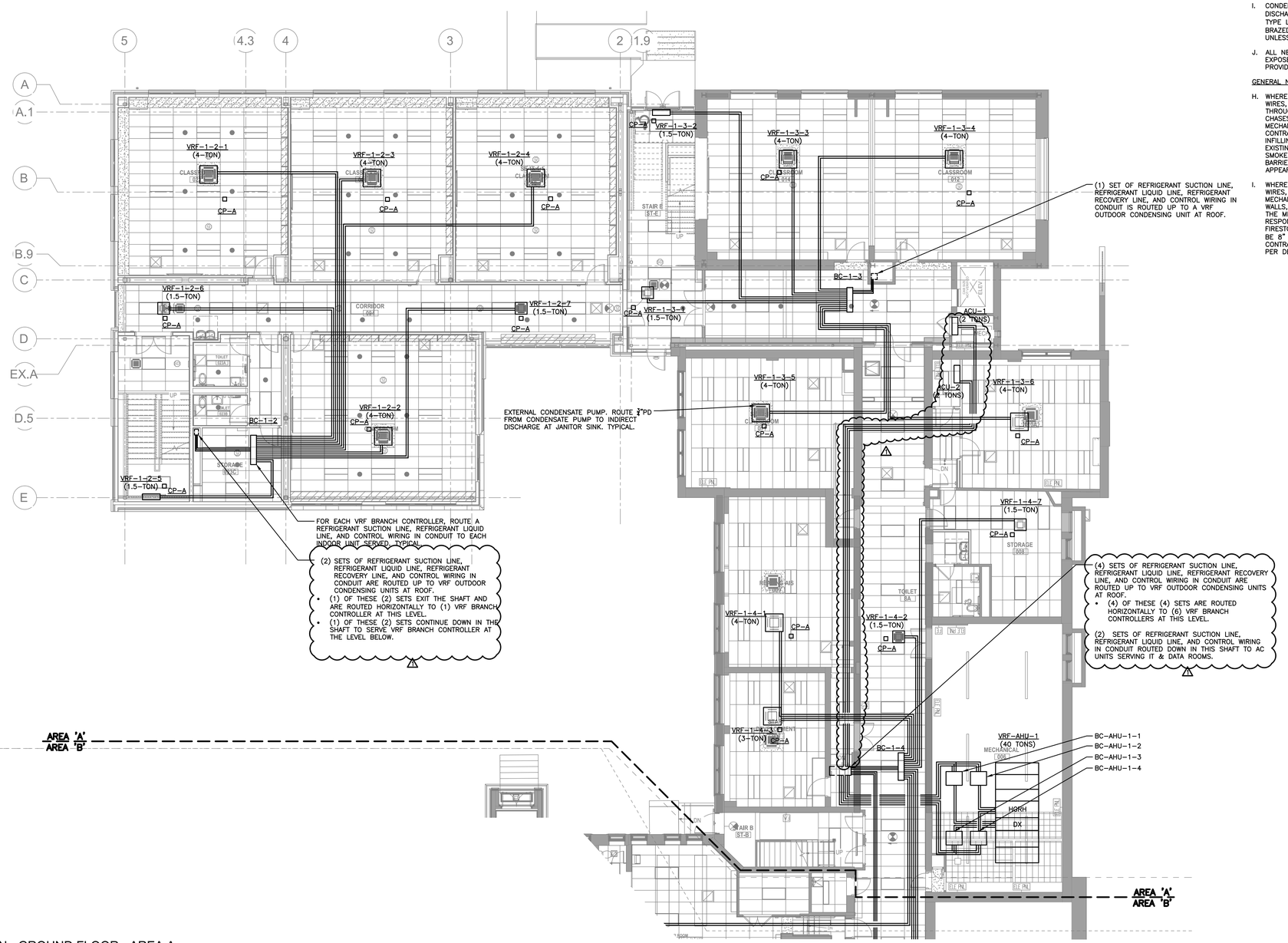

MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

GENERAL NOTES – DUCTWORK:

A. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE THE SAME SIZE AS THE DIFFUSER OR REGISTER NECK, UNLESS OTHERWISE NOTED.

B. ALL DUCTWORK SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.

C. DO NOT INSTALL DUCTWORK DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.

D. BRANCH DUCTS TO INDIVIDUAL DIFFUSERS AND REGISTERS SHALL BE PROVIDED WITH VOLUME DAMPERS, WHETHER OR NOT THE VOLUME DAMPERS ARE SHOWN ON PLAN.

E. VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE CABLE OPERATED TYPE, WITH CABLE OPERATORS LOCATED IN ACCESSIBLE LOCATIONS AND CLEARLY LABELED FOR DIFFUSER OR REGISTER SERVED.

F. UNLESS OTHERWISE NOTED, ALL EXPOSED DUCTWORK IN FINISHED SPACES SHALL BE SPIRAL ROUND OR FLAT OVAL TYPE, WITH SOLID OUTER WALL, PERFORATED INNER WALL, 1 INCH THICK INTERSTITIAL ACOUSTICAL LINING, AND FLAT SEAMS.

GENERAL NOTES – PIPING:

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I. CONDENSATE DRAIN (CD) AND CONDENSATE PUMP DISCHARGE (PD) PIPING SHALL BE RIGID COPPER, TYPE L, MINIMUM 3/4" NOMINAL PIPE SIZE, BRAZED OR SOLDERED, WITH 1" INSULATION, UNLESS OTHERWISE NOTED ON DRAWINGS.

J. ALL NEW AND EXISTING INSULATED HVAC PIPING EXPOSED TO VIEW IN FINSHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.

GENERAL NOTES – CUTTING AND PATCHING:

H. WHERE EXISTING DUCTS, PIPES, LOUVERS, GRILLES, WIRES, CONDUITS, AND PNEUMATIC TUBING THROUGH EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS ARE REMOVED BY THE MECHANICAL CONTRACTOR, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFILLING AND REPAIRING OPENINGS TO MATCH EXISTING CONSTRUCTION, INCLUDING FIRE RATING, SMOKE RATING, INSULATION VALUE, MOISTURE BARRIER, PAINTING, AND GENERAL FINISH APPEARANCE.

I. WHERE NEW DUCTS, PIPES, LOUVERS, GRILLES, WIRES, AND CONDUITS INSTALLED BY THE MECHANICAL CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. WHERE WALL PENETRATIONS WILL BE 8" OR GREATER IN WIDTH, THE MECHANICAL CONTRACTOR SHALL PROVIDE A NEW LINTEL AS PER DETAIL ON STRUCTURAL DRAWING S402.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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1 ADDENDUM #4	4/17/2026
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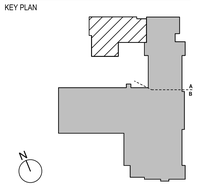
KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

MECHANICAL PIPING PART PLAN - GROUND FLOOR - AREA A

M202-A

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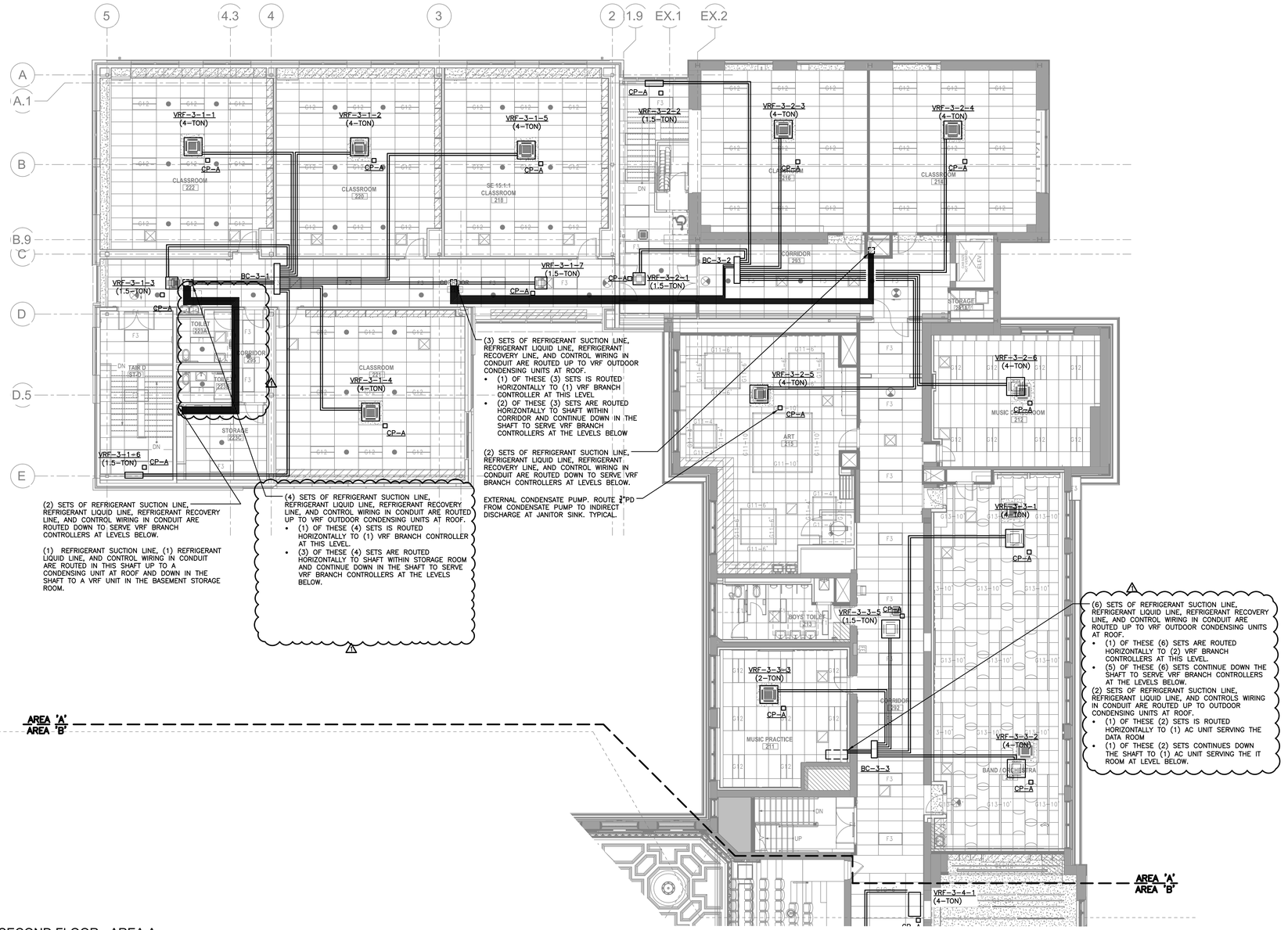

MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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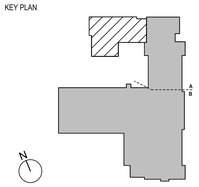

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MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA A

M204-A

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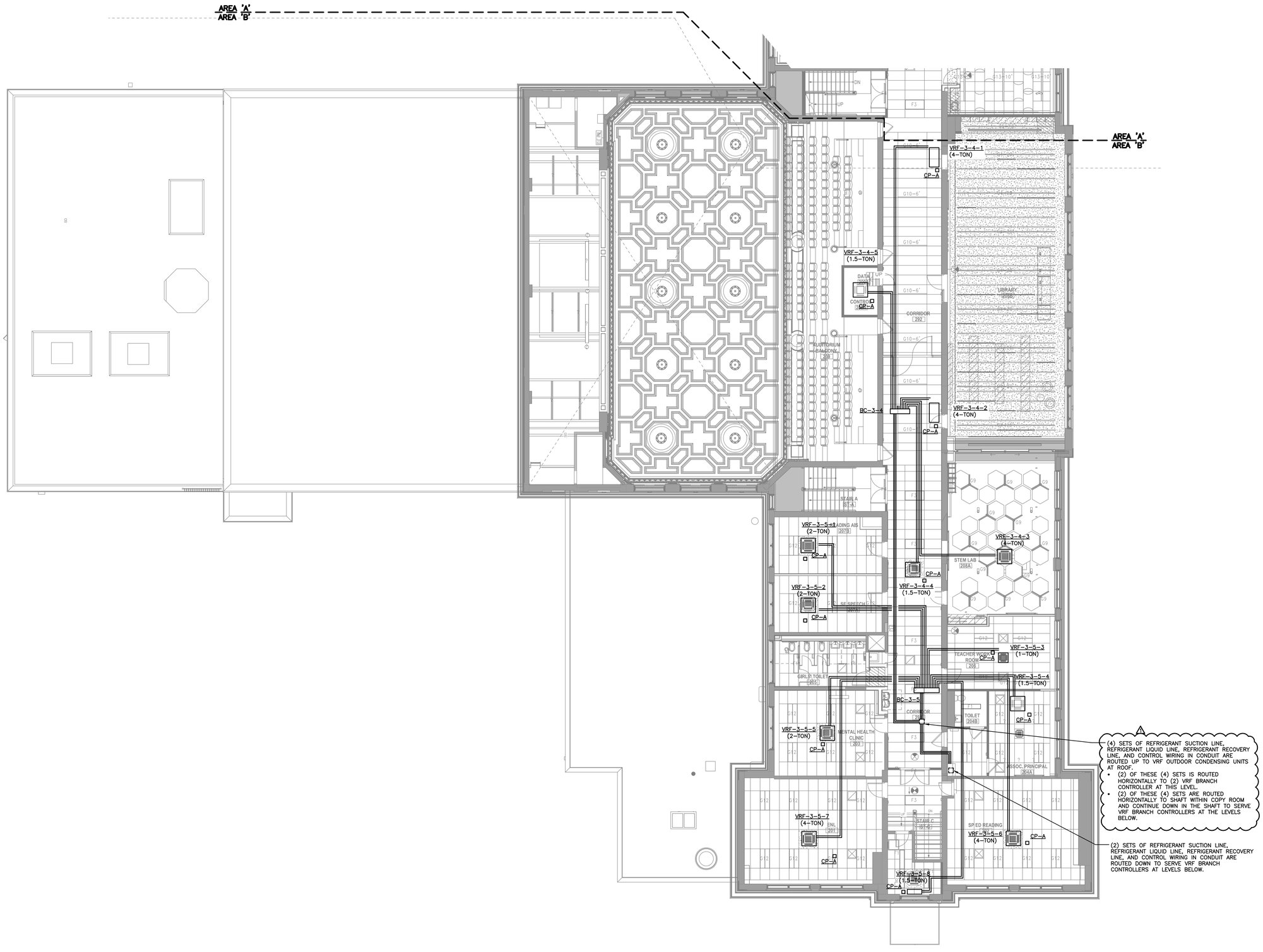

MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA B
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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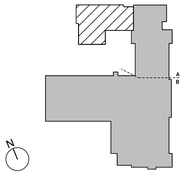

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MECHANICAL PIPING PART PLAN - SECOND FLOOR - AREA B

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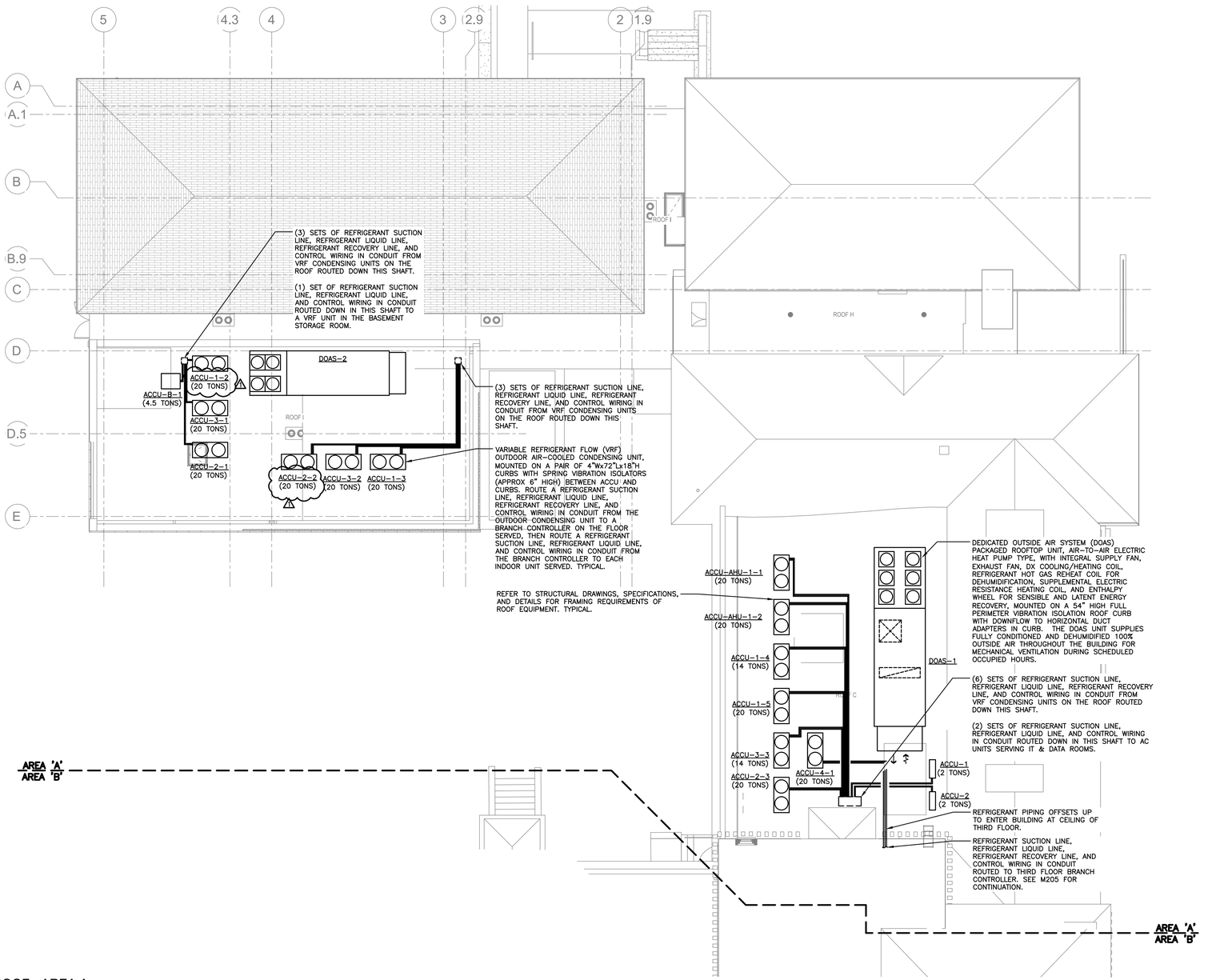

MECHANICAL PIPING PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

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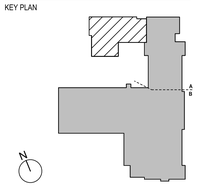

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MECHANICAL PIPING PART PLAN - ROOF - AREA A

M206-A

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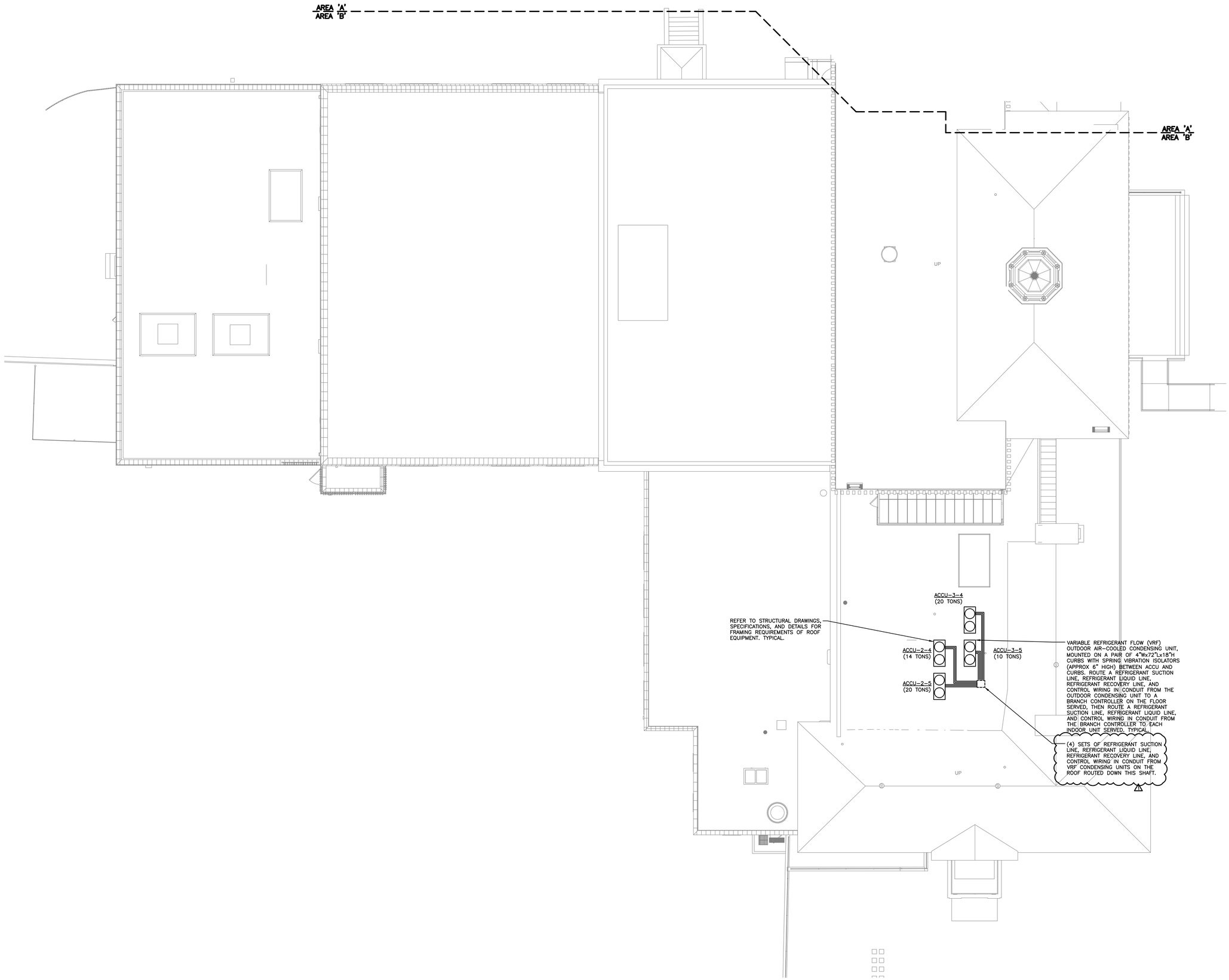

MECHANICAL PIPING PART PLAN - ROOF - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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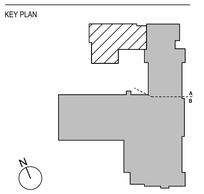

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MECHANICAL PIPING PART PLAN - ROOF - AREA B

M206-B

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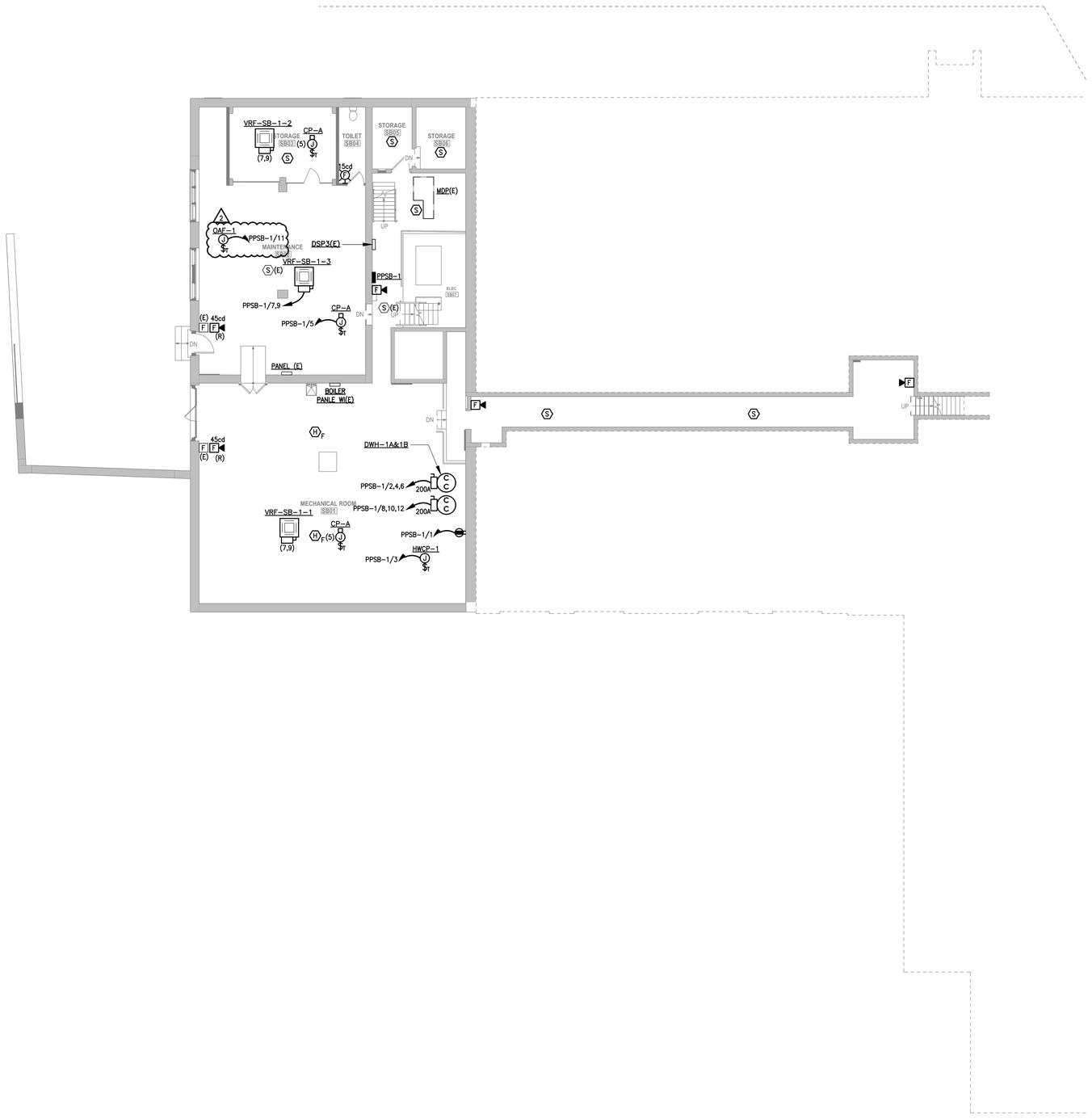
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.



ELECTRICAL POWER PLAN - SUB-BASEMENT

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

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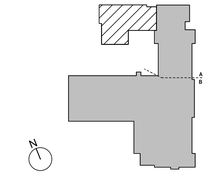

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ELECTRICAL POWER PLAN - SUB-BASEMENT

E100

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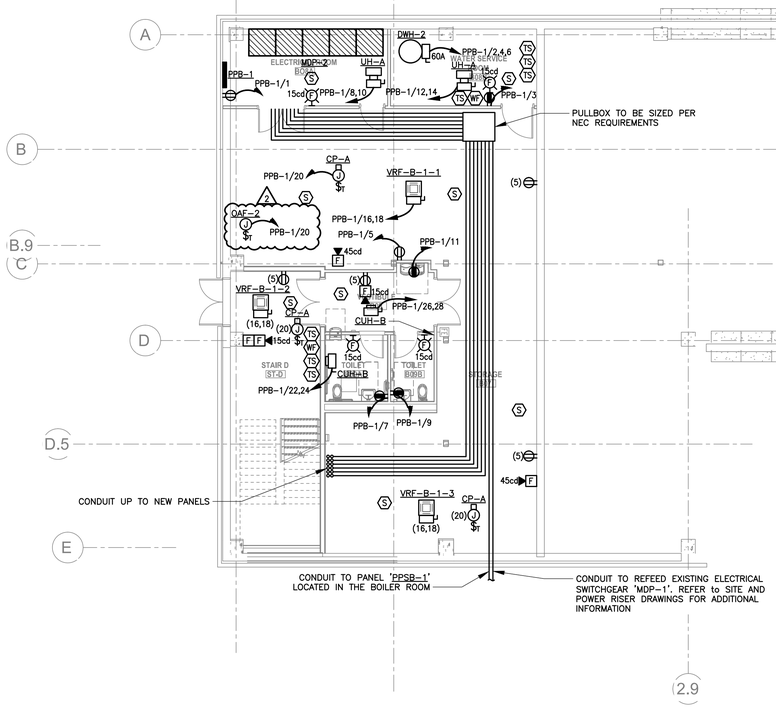
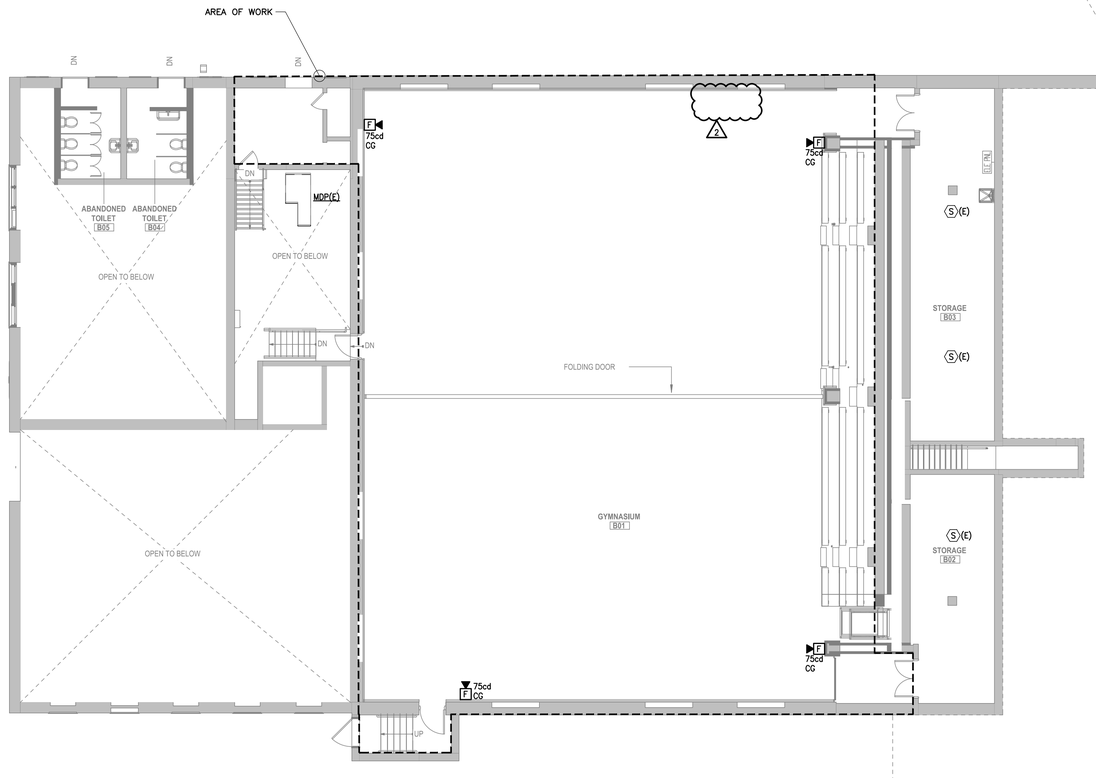
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.





ELECTRICAL POWER PLAN - BASEMENT

1/8" = 1'-0"

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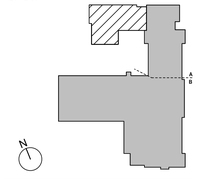

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ELECTRICAL POWER PLAN - BASEMENT

E101

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POWER PLAN NOTES:

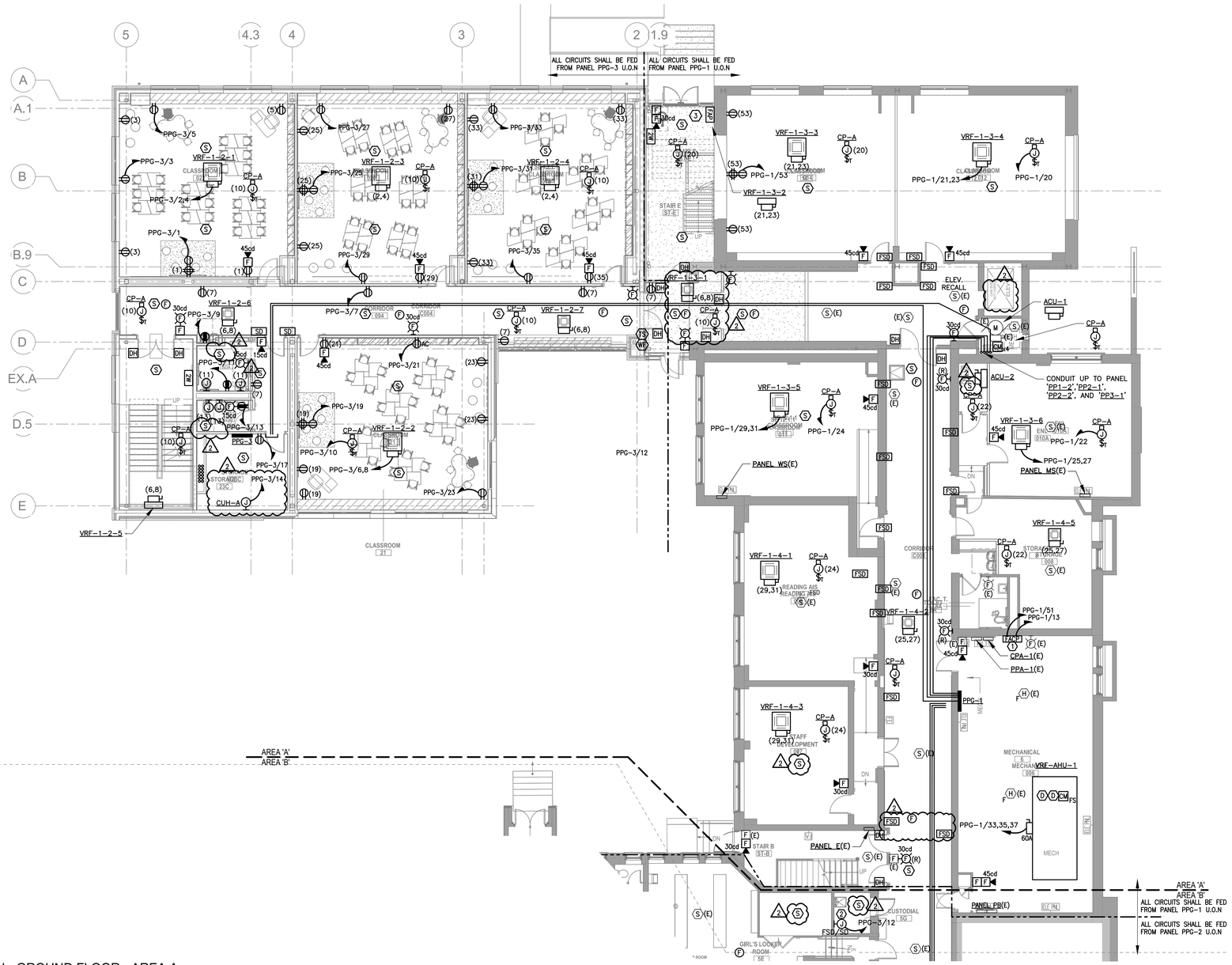
1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.

POWER PLAN KEY NOTES:

(1) PROVIDE VOICE CAPABLE EDWARDS EST4 ALARM CONTROL PANEL AT INDICATED LOCATION TO REPLACE EXISTING EST3. TIE ALL EXISTING INITIATING AND NOTIFICATION FIELD DEVICES AND CIRCUITS THAT ARE INDICATED TO REMAIN INTO THE NEW EDWARDS EST4 FIRE ALARM CONTROL PANEL. ALL NEW ADDITION AREA DEVICES TO BE TIED INTO THE NEW EDWARDS EST4 FIRE ALARM CONTROL PANEL. CONTACT NICHOLAS DELFICIO FROM EVERON SOLUTIONS (914)-403-2697 FOR ADDITIONAL COORDINATION.

(2) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

(3) REPLACE EXISTING ANNUNCIATOR PANEL WITH NEW EDWARDS EST4 REMOTE LCD ANNUNCIATOR. PROVIDE ADJACENT TO PANEL A FRAMED GRAPHIC PLAN OF BUILDING WITH FIRE ALARM EQUIPMENT IN ACCORDANCE WITH NYS-SED REQUIREMENTS APPROVED BY THE LOCAL FIRE MARSHALL.



ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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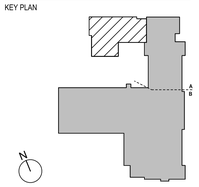

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ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA A

E102-A

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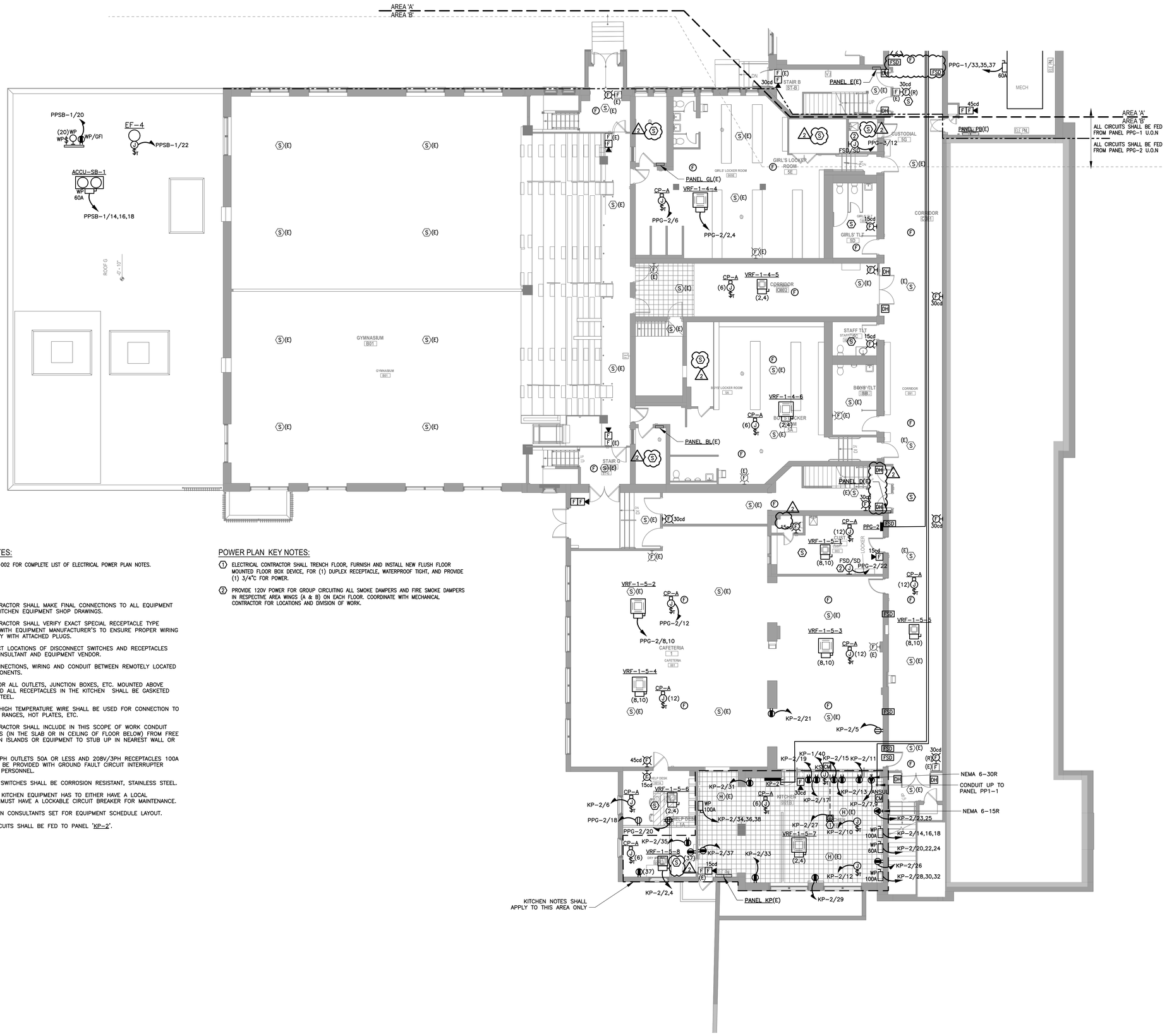

POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.

KITCHEN NOTES:

1. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT PER APPROVED KITCHEN EQUIPMENT SHOP DRAWINGS.
2. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT SPECIAL RECEPTACLE TYPE CONFIGURATIONS WITH EQUIPMENT MANUFACTURER'S TO ENSURE PROPER WIRING AND COMPATIBILITY WITH ATTACHED PLUGS.
3. COORDINATE EXACT LOCATIONS OF DISCONNECT SWITCHES AND RECEPTACLES WITH KITCHEN CONSULTANT AND EQUIPMENT VENDOR.
4. PROVIDE ALL CONNECTIONS, WIRING AND CONDUIT BETWEEN REMOTELY LOCATED EQUIPMENT COMPONENTS.
5. COVER PLATES FOR ALL OUTLETS, JUNCTION BOXES, ETC. MOUNTED ABOVE COUNTERTOPS AND ALL RECEPTACLES IN THE KITCHEN SHALL BE GASKETED AND STAINLESS STEEL.
6. APPROVED TYPE HIGH TEMPERATURE WIRE SHALL BE USED FOR CONNECTION TO HOOD LIGHTING, RANGES, HOT PLATES, ETC.
7. ELECTRICAL CONTRACTOR SHALL INCLUDE IN THIS SCOPE OF WORK CONDUIT INTERCONNECTIONS (IN THE SLAB OR IN CEILING OF FLOOR BELOW) FROM FREE STANDING KITCHEN ISLANDS OR EQUIPMENT TO STUB UP IN NEAREST WALL OR COLUMN.
8. ALL 120/208V-1PH OUTLETS 50A OR LESS AND 208V/3PH RECEPTACLES 100A OR LESS SHALL BE PROVIDED WITH GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL.
9. ALL DISCONNECT SWITCHES SHALL BE CORROSION RESISTANT, STAINLESS STEEL.
10. ALL HARD WIRED KITCHEN EQUIPMENT HAS TO EITHER HAVE A LOCAL DISCONNECT, OR MUST HAVE A LOCKABLE CIRCUIT BREAKER FOR MAINTENANCE.
11. REFER TO KITCHEN CONSULTANTS SET FOR EQUIPMENT SCHEDULE LAYOUT.
12. ALL KITCHEN CIRCUITS SHALL BE FED TO PANEL 'KP-2'.

POWER PLAN KEY NOTES:

(1) ELECTRICAL CONTRACTOR SHALL TRENCH FLOOR, FURNISH AND INSTALL NEW FLUSH FLOOR MOUNTED FLOOR BOX DEVICE, FOR (1) DUPLEX RECEPTACLE, WATERPROOF TIGHT, AND PROVIDE (1) 3/4"C FOR POWER.

(2) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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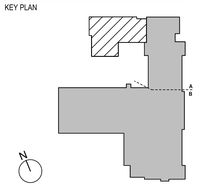

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MEMASI PROJECT NO. 101-2403

ELECTRICAL POWER PART PLAN - GROUND FLOOR - AREA B

E102-B

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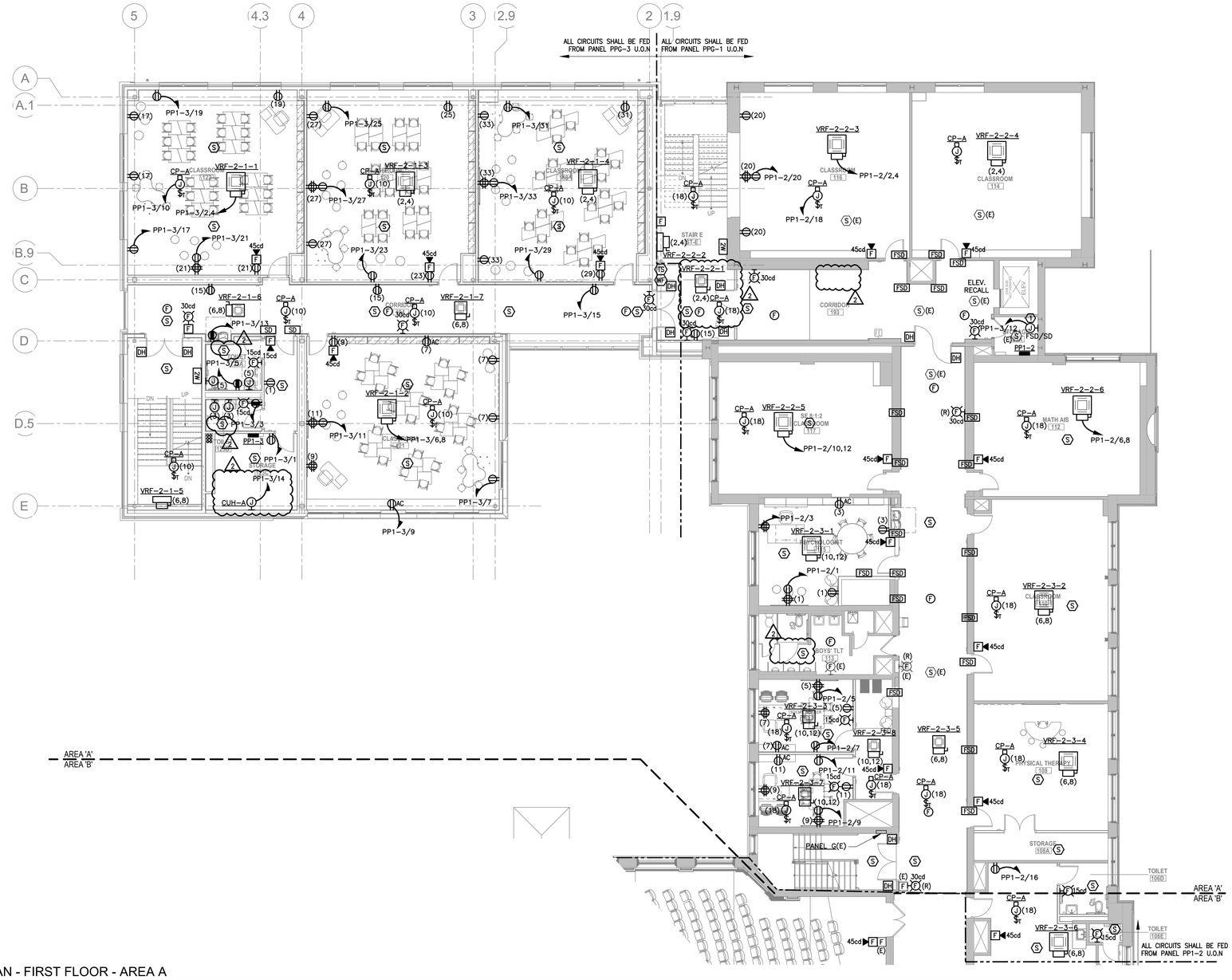
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. RECEPTACLE FOR SMARTBOARDS SHALL BE MOUNTED IN A RECESSED BOX. COORDINATE ALL REQUIREMENTS WITH VENDOR AND IT CONSULTANT DRAWINGS.

POWER PLAN KEY NOTES:

(1) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.



ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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SECURITY CONSULTANT
BUILDING TECHNOLOGY CONSULTING LLC
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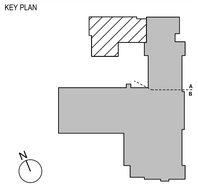
BRIDGEWATER, MA. 02324

ISSUE	DATE
⚠ ADDENDUM #4	04/17/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA A

E103-A

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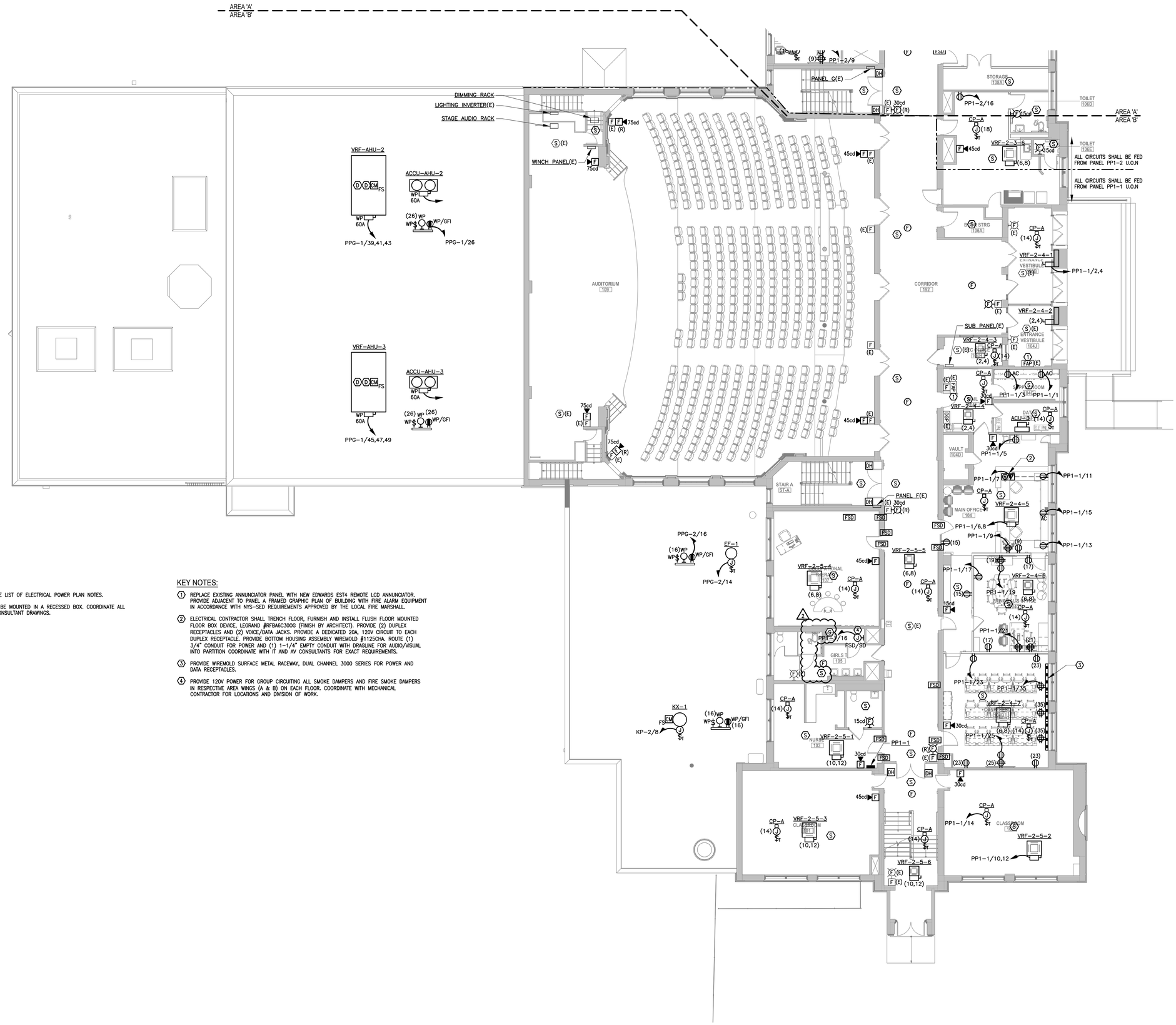

POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. RECEPTACLE FOR SMARTBOARDS SHALL BE MOUNTED IN A RECESSED BOX. COORDINATE ALL REQUIREMENTS WITH VENDOR AND IT CONSULTANT DRAWINGS.

KEY NOTES:

(1) REPLACE EXISTING ANNUNCIATOR PANEL WITH NEW EDWARDS EST4 REMOTE LCD ANNUNCIATOR. PROVIDE ADJACENT TO PANEL A FRAMED GRAPHIC PLAN OF BUILDING WITH FIRE ALARM EQUIPMENT IN ACCORDANCE WITH NYS-SED REQUIREMENTS APPROVED BY THE LOCAL FIRE MARSHALL.

(2) ELECTRICAL CONTRACTOR SHALL TRENCH FLOOR, FURNISH AND INSTALL FLUSH FLOOR MOUNTED FLOOR BOX DEVICE, LEGRAND #RFBA6C300G (FINISH BY ARCHITECT). PROVIDE (2) DUPLEX RECEPTACLES AND (2) VOICE/DATA JACKS. PROVIDE A DEDICATED 20A, 120V CIRCUIT TO EACH DUPLEX RECEPTACLE. PROVIDE BOTTOM HOUSING ASSEMBLY WIREMOLD #1125CHA. ROUTE (1) 3/4" CONDUIT FOR POWER AND (1) 1-1/4" EMPTY CONDUIT WITH DRAGLINE FOR AUDIO/VISUAL INTO PARTITION COORDINATE WITH IT AND AV CONSULTANTS FOR EXACT REQUIREMENTS.

(3) PROVIDE WIREMOLD SURFACE METAL RACEWAY, DUAL CHANNEL 3000 SERIES FOR POWER AND DATA RECEPTACLES.

(4) PROVIDE 120V POWER FOR GROUP CIRCUITING ALL SMOKE DAMPERS AND FIRE SMOKE DAMPERS IN RESPECTIVE AREA WINGS (A & B) ON EACH FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR LOCATIONS AND DIVISION OF WORK.

ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA B
1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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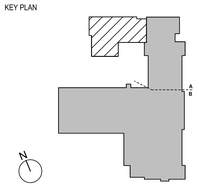
KEY PLAN



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MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PART PLAN - FIRST FLOOR - AREA B

E103-B

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POWER PLAN NOTES:

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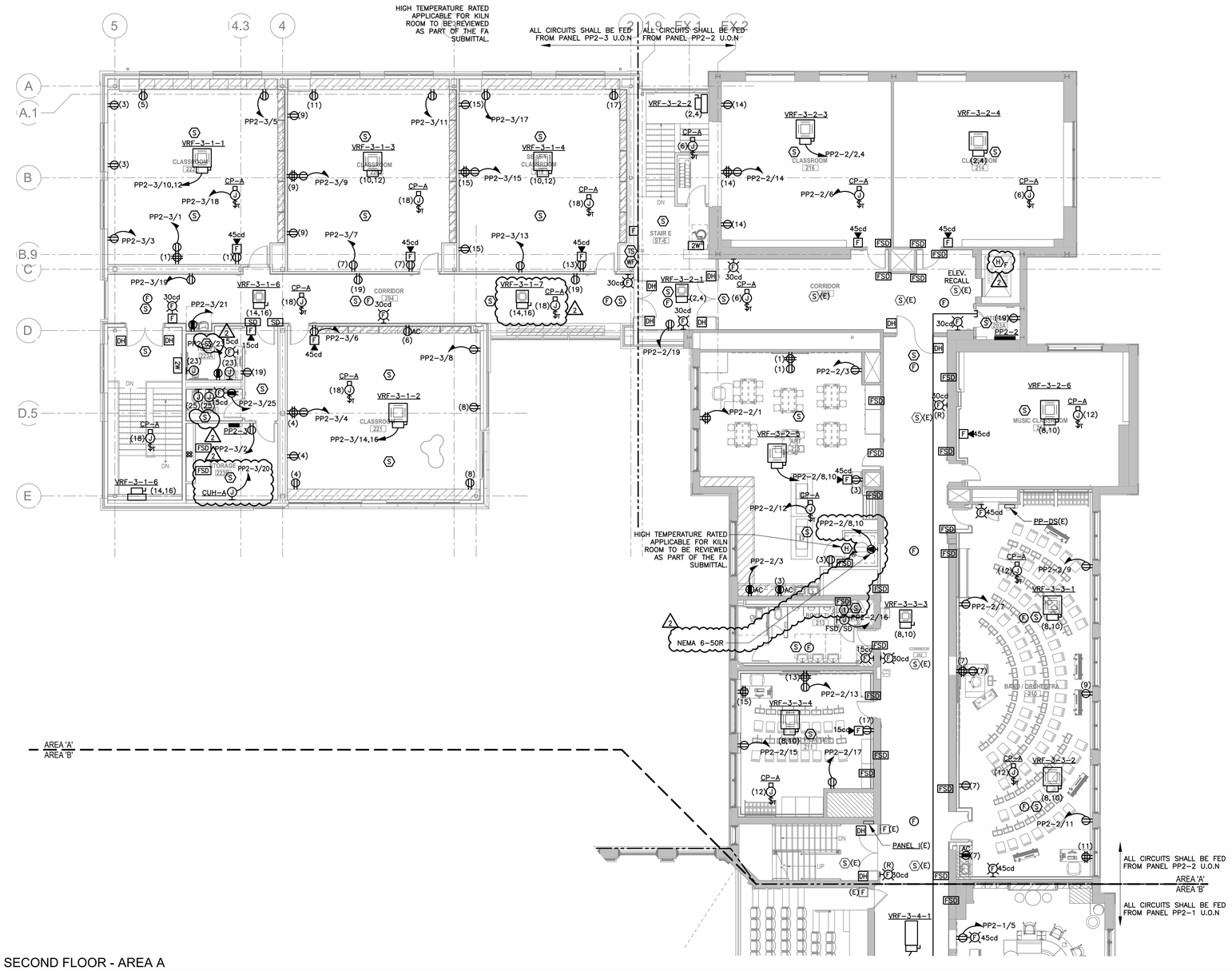

ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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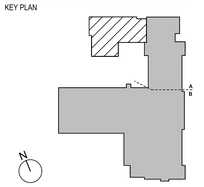

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MEMASI PROJECT NO. 101-2403

ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA A

E104-A

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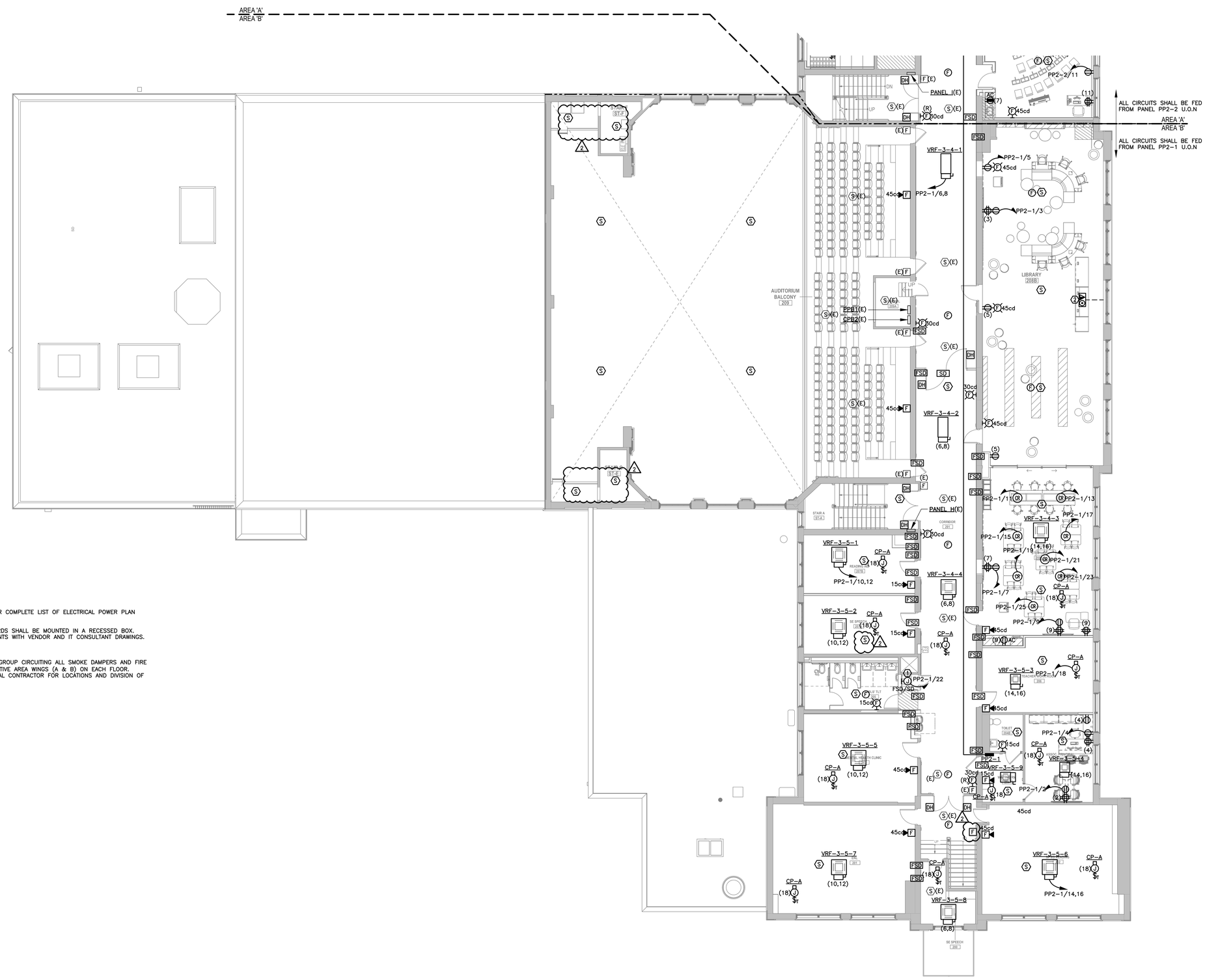

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ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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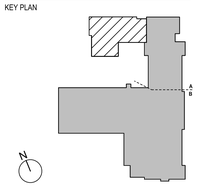

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MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PART PLAN - SECOND FLOOR - AREA B

E104-B

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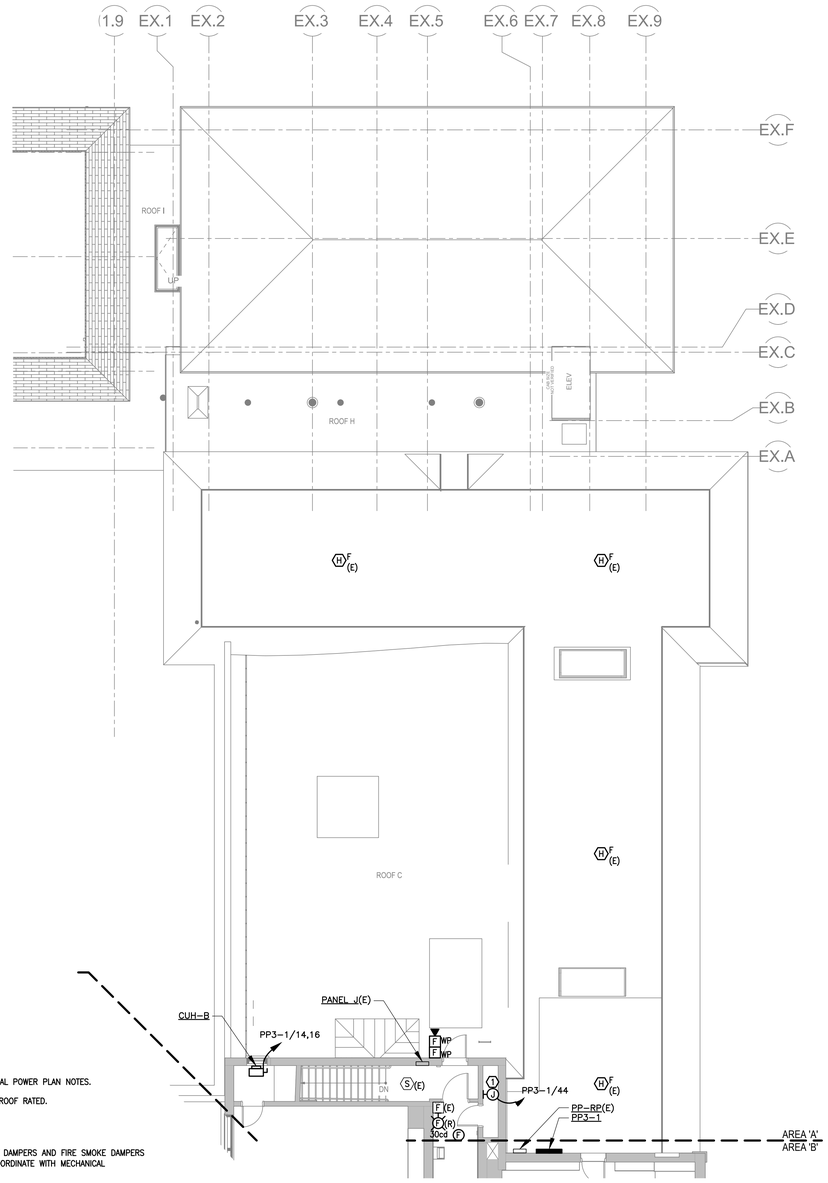

POWER PLAN NOTES:

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2. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WEATHERPROOF RATED.

POWER PLAN KEY NOTES:

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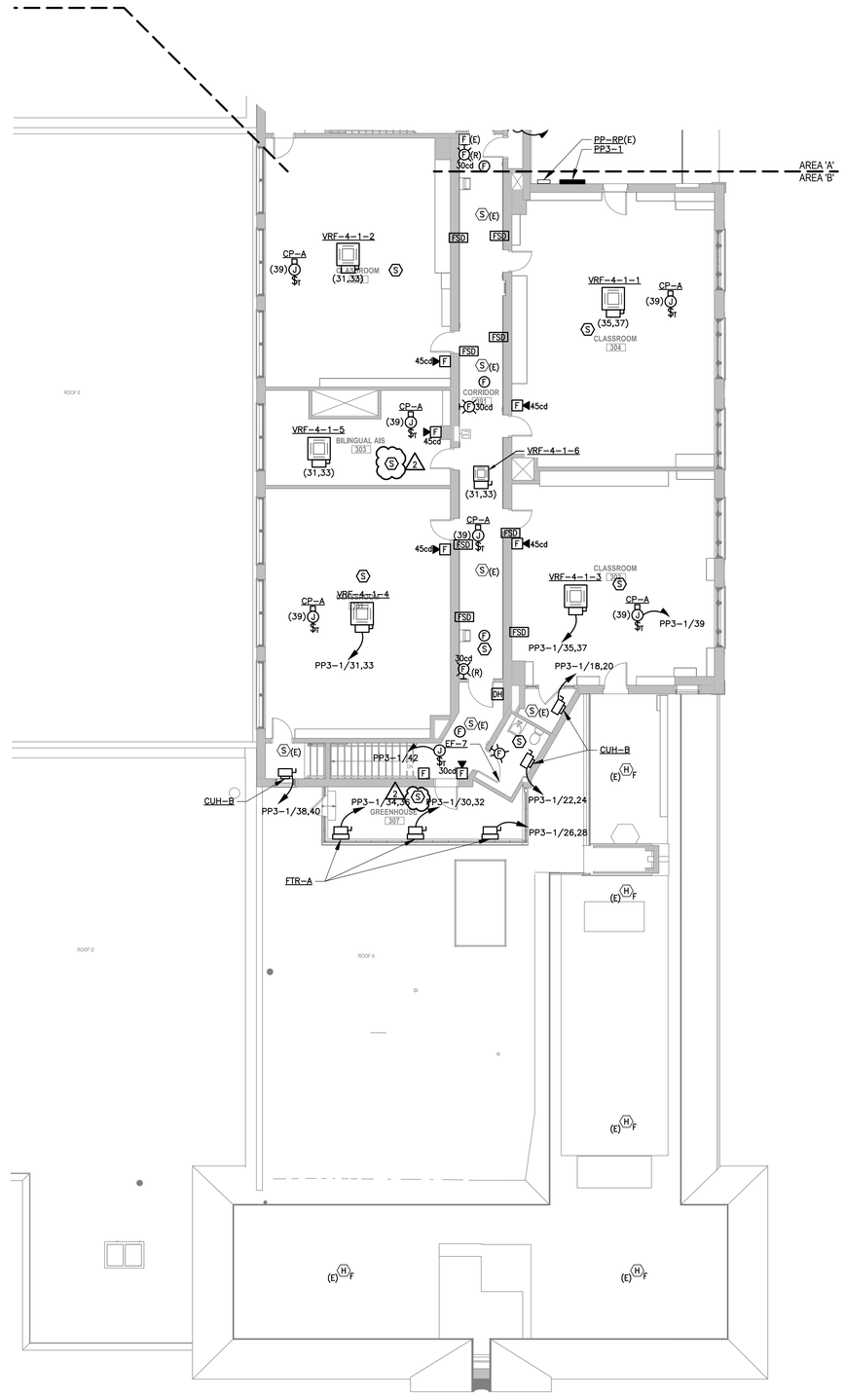
AREA A



AREA B

ELECTRICAL POWER PLAN - THIRD FLOOR

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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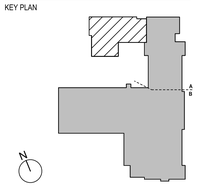

SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL POWER PLAN - THIRD FLOOR

E105

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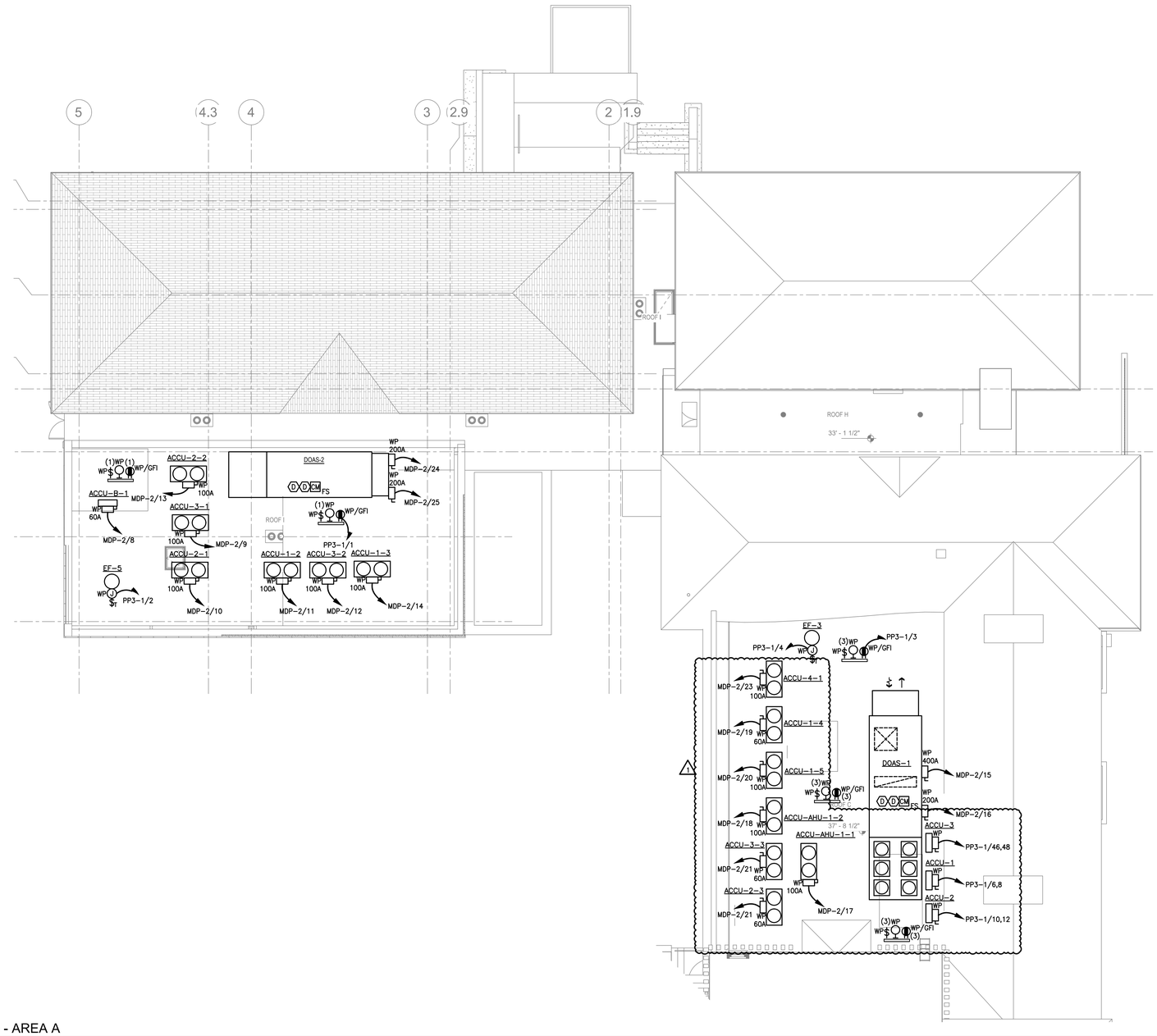
POWER PLAN NOTES:

1. REFER TO SHEET E-002 FOR COMPLETE LIST OF ELECTRICAL POWER PLAN NOTES.
2. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WEATHERPROOF RATED.



ELECTRICAL POWER PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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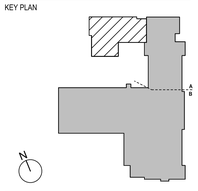

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ELECTRICAL POWER PART PLAN - ROOF - AREA A

E106-A

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DISTRIBUTION PANELBOARD DESIGNATION : **SWBD-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	BUS RATING	4000 A
PHASE	3 Ø	MIN. K.A.I.C. SYM	200 K.A.I.C.	MAIN FUSED SWITCH	4000 A
WIRE	4 W + G	REMARKS			

CIRCUIT BREAKER NO.	FRAME	TRIP	ø	LOAD DESCRIPTION	LOAD	QUANTITY OF FEEDERS (SETS)	FEEDER (EACH) PHASE LEGS NO.	PHASE LEGS SIZE	NEUTRAL NO.	NEUTRAL SIZE	GROUND NO.	GROUND SIZE	INSULATION TYPE	CONDUIT SIZE	REMARKS
1	400A	400A	3	PPSB-1	120.4 KVA	REFER TO RISER DIAGRAM									
2	225A	225A	3	PPB-1	28.0 KVA	REFER TO RISER DIAGRAM									
3	100A	100A	3	PPG-3	18.6 KVA	REFER TO RISER DIAGRAM									
4	100A	100A	3	PP1-3	16.5 KVA	REFER TO RISER DIAGRAM									
5	100A	100A	3	PP2-3	15.0 KVA	REFER TO RISER DIAGRAM									
6	800A	800A	3	PPG-1	232.2 KVA	REFER TO RISER DIAGRAM									
7	400A	400A	3	PP3-1	106.3 KVA	REFER TO RISER DIAGRAM									
8	60A	35A	3	ACCU-B1	7.9 KVA	1	3A	8	_	_	1	10	_	3/4"C	
9	100A	80A	3	ACCU-3-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
10	100A	80A	3	ACCU-2-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
11	100A	80A	3	ACCU-1-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
12	100A	80A	3	ACCU-3-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
13	100A	80A	3	ACCU-2-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
14	100A	80A	3	ACCU-1-3	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
15	400A	350A	3	DOAS-1 CONNECTION #1	96.4 KVA	1	3A	400	_	_	1	3	_	4"C	
16	225A	175A	3	DOAS-1 CONNECTION #2	47.8 KVA	1	3A	400	_	_	1	3	_	4"C	
17	100A	80A	3	ACCU-AHU-1-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
18	100A	80A	3	ACCU-AHU-1-2	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
19	100A	60A	3	ACCU-1-4	19.8 KVA	1	3A	6	_	_	1	10	_	1-1/4"C	
20	100A	80A	3	ACCU-1-5	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
21	100A	60A	3	ACCU-3-3	21.2 KVA	1	3A	6	_	_	1	10	_	1-1/4"C	
22	100A	60A	3	ACCU-2-3	21.2 KVA	1	3A	6	_	_	1	10	_	1-1/4"C	
23	100A	80A	3	ACCU-4-1	21.2 KVA	1	3A	4	_	_	1	8	_	1-1/4"C	
24	225A	200A	3	DOAS-2 CONNECTION #1	53.5 KVA	1	3A	400	_	_	1	3	_	4"C	
25	225A	110A	3	DOAS-2 CONNECTION #2	29.9 KVA										
26	225A	200A	3	**SPARE**											
27	800A	800A	3	MDP-1 (BACK FEED FOR EXISTING SWITCHGEAR)	160.0 KVA	REFER TO RISER DIAGRAM									
28	100A	100A	3	**SPARE**											

PANEL DESIGNATION : **PPB-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN LUGS ONLY	N/A
WIRE	4 W + G			MAIN BUS	225 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ELEC ROOM REC	4280			DWH-2 3#8 + 1#10GRD IN 3/4"C	45A	2
3	20A	WATER SERVICE ROOM REC		4280				4
5	20A	BASEMENT REC			5000			6
7	20A	TOILET B09A REC	1688			ELEC RM UH-A	20A	8
9	20A	TOILET B09B REC		1688				10
11	20A	FOUNTAIN ANTEROOM B09 REC			1688	WATER SERVICE RM UH-A	20A	12
13	20A	STAIR D LIGHTING	1788					14
15	20A	BASEMENT LIGHTING		780		BASEMENT VRF	15A	16
17	20A	EXIT SIGNS			420			18
19	20A	OAF-2	400			CP-A	20A	20
21	20A	**SPARE**		1500		TOILET B09A CUH-B	20A	22
23	20A	**SPARE**			1500			24
25	20A	**SPARE**	1500			TOILET B09B CUH-B	20A	26
27	20A	**SPARE**		1500				28
29	20A	**SPARE**			0	**SPARE**	20A	30
31	20A	**SPARE**	0			**SPARE**	20A	32
33	20A	**SPARE**		0		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37			0					38
39				0				40
41					0			42
TOTAL CONNECTED LOAD PER PHASE (kVA)			9.68	9.75	8.61			
TOTAL CONNECTED LOAD			28.01 KVA			77.8 A		
TOTAL DEMAND LOAD			28.01 KVA			77.8 A		

PANEL DESIGNATION : **PPG-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	CLASSROOM 22 SMARTBOARD REC	920			CLASSROOM VRF	15A	2
3	20A	CLASSROOM 22 REC		920				4
5	20A	CLASSROOM 22 REC			920	CORRIDOR AND CLASSROOM VRF	15A	6
7	20A	CORRIDOR C004	920					8
9	20A	CORRIDOR C004 FOUNTAIN		1020		CP-A	20A	10
11	20A	TOILET 23A			480	FSD	20A	12
13	20A	REC	1680			CUH-A	20A	14
15	20A	**SPARE**		0		**SPARE**	20A	16
17	20A	STORAGE 23C			280	**SPARE**	20A	18
19	20A	CLASSROOM 21 SMARTBOARD REC	720			**SPARE**	20A	20
21	20A	CLASSROOM 21 REC		720		**SPARE**	20A	22
23	20A	CLASSROOM 21 REC			720	**SPARE**	20A	24
25	20A	CLASSROOM 20 SMARTBOARD REC	720			**SPARE**	20A	26
27	20A	CLASSROOM 20 REC		720		**SPARE**	20A	28
29	20A	CLASSROOM 20 REC			720	**SPARE**	20A	30
31	20A	CLASSROOM 19 SMARTBOARD REC	720			**SPARE**	20A	32
33	20A	CLASSROOM 19 REC		720		**SPARE**	20A	34
35	20A	CLASSROOM 19 REC			720	**SPARE**	20A	36
37	20A	CLASSROOM LIGHTING	500			**SPARE**	20A	38
39	20A	CLASSROOM LIGHTING		500		**SPARE**	20A	40
41	20A	CORRIDOR C004 LIGHTING			500	**SPARE**	20A	42
43	20A	**SPARE**	0			**SPARE**	20A	44
45	20A	EMERGENCY SIGNS		0		**SPARE**	20A	46
47	20A	**SPARE**				**SPARE**	20A	48

PANEL DESIGNATION : **PP1-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE		GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	STORAGE 123C REC	1020			CLASSROOM VRF	15A	2
3	20A	TOILET 123B REC		1020				4
5	20A	TOILET 123B REC			1020	CORRIDOR, STAIR & CLASSROOM VRF	15A	6
7	20A	CLASSROOM 121 REC	1020					8
9	20A	CLASSROOM 121 REC		1120		CP-A	20A	10
11	20A	CLASSROOM 121 SMARTBOARD REC			920	FSD	20A	12
13	20A	CORRIDOR C103 FOUNTAIN	2220			CUH-A	20A	14
15	20A	CORRIDOR C103		720		**SPARE**	20A	16
17	20A	CLASSROOM 122 REC			720	**SPARE**	20A	18
19	20A	CLASSROOM 122 REC	720			**SPARE**	20A	20
21	20A	CLASSROOM 122 SMARTBOARD REC		720		**SPARE**	20A	22
23	20A	CLASSROOM 120 REC			720	**SPARE**	20A	24
25	20A	CLASSROOM 120 REC	720			**SPARE**	20A	26
27	20A	CLASSROOM 120 SMARTBOARD REC		720		**SPARE**	20A	28
29	20A	CLASSROOM 118 REC			720	**SPARE**	20A	30
31	20A	CLASSROOM 118 REC	720			**SPARE**	20A	32
33	20A	CLASSROOM 118 SMARTBOARD REC		720		**SPARE**	20A	34
35	20A	CLASSROOM 121 LIGHTING			300	**SPARE**	20A	36
37	20A	CORRIDOR C103	140			**SPARE**	20A	38
39	20A	CLASSROOM LIGHTING		540		**SPARE**	20A	40
41	20A	EXIT SIGNS			20	**SPARE**	20A	42
TOTAL CONNECTED LOAD PER PHASE (kVA)			6.56	5.56	4.42			
TOTAL CONNECTED LOAD			16.54 KVA			45.9 A		
TOTAL DEMAND LOAD			15.42 KVA			42.8 A		

PANEL DESIGNATION : **PP2-3**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE		GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	CLASSROOM 222 REC	900			ELEC CLSOET REC	20A	2
3	20A	CLASSROOM 222 REC		1440		CLASSROOM 221 REC	20A	4
5	20A	CLASSROOM 222 REC			1440	CLASSROOM 221 REC	20A	6
7	20A	CLASSROOM 220 REC	1440			CLASSROOM 221 REC	20A	8
9	20A	CLASSROOM 220 REC		920		CLASSROOM VRF	15A	10
11	20A	CLASSROOM 220 REC			920			12
13	20A	CLASSROOM 218 REC	920			CLASSROOM, CORRIDOR, & STAIRS VRF	15A	14
15	20A	CLASSROOM 218 REC		920				16
17	20A	CLASSROOM 218 REC			1120	CP-A	20A	18
19	20A	CORRIDOR REC	2040			CUH-A	20A	20
21	20A	CORRIDOR FOUNTAIN REC		1200		**SPARE**	20A	22
23	20A	TOILET 223A REC			360	**SPARE**	20A	24
25	20A	TOILET 223B REC	360			**SPARE**	20A	26
27	20A	CLASSROOM 221 LIGHTING		300		**SPARE**	20A	28
29	20A	CORRIDOR C204 LIGHTING			140	**SPARE**	20A	30
31	20A	CLASSROOM LIGHTING	540			**SPARE**	20A	32
33	20A	EXIT SIGNS		40		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42
TOTAL CONNECTED LOAD PER PHASE (kVA)			6.20	4.82	3.98			
TOTAL CONNECTED LOAD			15.00 KVA			41.6 A		
TOTAL DEMAND LOAD			14.36 KVA			39.9 A		

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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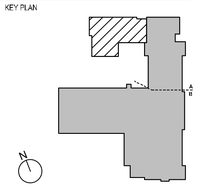
⚠1 ADDENDUM #4	04/17/2026
ISSUED FOR BID	03/27/2026
ISSUE	DATE

KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL PANEL SCHEDULE SHEET1

E601

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PANEL DESIGNATION : **PP2-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS		NEMA 3R ENCLOSURE			

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	DEDICATED LIBRARY DESK REC	1920			ASSOC PRINCIPAL OFFICE REC	20A	2
3	20A	LIBRARY SMARTBOARD REC		1440		ASSOC PRINCIPAL OFFICE REC	20A	4
5	20A	LIBRARY REC			560	CORRIDOR VRF	15A	6
7	20A	STEM LAB REC	920					8
9	20A	STEM LAB REC		920		CLASSROOM VRF	15A	10
11	20A	STEM LAB CORD REEL			1200			12
13	20A	STEM LAB CORD REEL	1200			CLASSROOM VRF	15A	14
15	20A	STEM LAB CORD REEL		1200				16
17	20A	STEM LAB CORD REEL			1400	CP-A	20A	18
19	20A	STEM LAB CORD REEL	2100			FIRE SMOKE DAMPERS, SMOKE DAMPERS	20A	20
21	20A	STEM LAB CORD REEL		1100		EXTERIOR LIGHTING	20A	22
23	20A	STEM LAB CORD REEL			1000	**SPARE**	20A	24
25	20A	STEM LAB CORD REEL	1000			**SPARE**	20A	26
27	20A	STEM LAB LIGHTING		540		**SPARE**	20A	28
29	20A	CORRIDOR C201 LIGHTING			280	**SPARE**	20A	30
31	20A	STEM LAB LIGHTING	780			**SPARE**	20A	32
33	20A	EXIT SIGNS		100		**SPARE**	20A	34
35	20A	**SPARE**			0	**SPARE**	20A	36
37	20A	**SPARE**	0			**SPARE**	20A	38
39	20A	**SPARE**		0		**SPARE**	20A	40
41	20A	**SPARE**			0	**SPARE**	20A	42

TOTAL CONNECTED LOAD PER PHASE (kVA)	7.92	5.30	4.44	
TOTAL CONNECTED LOAD	17.66 KVA			49.0 A
TOTAL DEMAND LOAD	16.08 KVA			44.6 A

PANEL DESIGNATION : **PP2-2**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	42
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	100 A
WIRE	4 W + G			MAIN BUS	100 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ART CLASSROOM 215 REC	920			NORTH CLASSROOMS, CORRIDOR & STAIRS VRF	15A	2
3	20A	ART CLASSROOM 215 REC		920				4
5	20A	ART CLASSROOM 215 REC			920	NORTH CP-A	20A	6
7	20A	ORCHESTRA ROOM 210	920			CLASSROOMS & CORRIDOR VRF	15A	8
9	20A	ORCHESTRA ROOM 210		920				10
11	20A	ORCHESTRA ROOM 210			920	CP-A	20A	12
13	20A	MUSIC PRACTICE RM 211B	1620			CLASSROOM 216 REC	20A	14
15	20A	MUSIC PRACTICE RM 211B		1720		FIRE SMOKE DAMPERS, SMOKE DAMPERS	20A	16
17	20A	MUSIC PRACTICE RM 211B			720	**SPARE**	20A	18
19	20A	CORRIDOR REC	360			**SPARE**	20A	20
21	20A	MUSIC/ART LIGHTING		700		**SPARE**	20A	22
23	20A	CORRIDOR C202/203 LIGHTING			300	**SPARE**	20A	24
25	20A	BAND ROOM LIGHTING	860			**SPARE**	20A	26
27	20A	EXIT SIGNS		40		**SPARE**	20A	28
29	20A	**SPARE**			0			30
31	50A	KILN POWER 2#8 + 1#10GND IN 3/4"C	4000					32
33				4000				34
35					0			36
37			0					38
39				0				40
41					0			42

TOTAL CONNECTED LOAD PER PHASE (kVA)	8.68	8.30	2.86	
TOTAL CONNECTED LOAD	19.84 KVA			55.1 A
TOTAL DEMAND LOAD	19.84 KVA			55.1 A

PANEL DESIGNATION : **PP3-1**

VOLTAGE	208Y/120 V	NEUTRAL	100%	QUANTITY OF POLES	84
PHASE	3 Ø	SCC RATING (SYM)	42 K.A.I.C.	MAIN CIRCUIT BREAKER	400 A
WIRE	4 W + G			MAIN BUS	400 A
SURFACE MOUNTED	X	NEMA 1 ENCLOSURE	X	GROUND BUS	X
FEED THROUGH LUGS					

REMARKS :

CKT #	TRIP	LOAD DESCRIPTION	ØA (VA)	ØB (VA)	ØC (VA)	LOAD DESCRIPTION	TRIP	CKT #
1	20A	ROOF I REC	700			EF-5	20A	2
3	20A	ROOF C REC		700		EF-3	20A	4
5	20A	ROOF REC			1872	ACCU-1	20A	6
7			6640					8
9	60A	ACCU-2-4 3#6 + 1#10GRD IN 1"C		6640		ACCU-2	20A	10
11					6640			12
13			8572			CUH-B STAIRS	20A	14
15	70A	ACCU-2-5 3#4 + 1#8GRD IN 1-1/4"C		8572				16
17					8572	CUH-B STORAGE CLOSET	20A	18
19			6768					20
21	60A	ACCU-3-4 3#6 + 1#10GRD IN 1"C		6768		CUH-B SINGLE OCCUPANT RESTROOM	20A	22
23					6768			24
25			8322			FTR-A GREENHOUSE	20A	26
27	80A	ACCU-3-5 3#4 + 1#8GRD IN 1-1/4"C		8322				28
29					8322	FTR-A GREENHOUSE	20A	30
31	15A	WEST CLASSROOM & CORRIDOR VRF	1450					32
33				1450		FTR-A GREENHOUSE	20A	34
35	15A	EAST CLASSROOM VRF			1450			36
37			1700			CUH-B STORAGE CLOSET	20A	38
39	20A	CP-A		1700				40
41	20A	3RD FL CORRDIOR LIGHTING			500	EX-7	20A	42
43	20A	3RD FL CLASSROOM LIGHTING WEST	500			FIRE SMOKE DAMPERS	20A	44
45	20A	3RD FL CLASSROOM LIGHTING EAST		1672		ACCU-3	20A	46
47	20A	ATTIC LIGHTING			1672			48
49	20A	**SPARE**	0			**SPARE**	20A	50
51	20A	**SPARE**		0		**SPARE**	20A	52
53	20A	**SPARE**			0	**SPARE**	20A	54
55	20A	**SPARE**	0			**SPARE**	20A	56
57	20A	**SPARE**		0		**SPARE**	20A	58
59	20A	**SPARE**			0	**SPARE**	20A	60
61			0					62
63				0				64
65					0			66
67			0					68
69				0				70
71					0			72
73			0					74
75				0				76
77					0			78
79			0					80
81				0				82
83					0			84

TOTAL CONNECTED LOAD PER PHASE (kVA)	34.65	35.82	35.80	
TOTAL CONNECTED LOAD	106.27 KVA			295.0 A
TOTAL DEMAND LOAD	106.27 KVA			295.0 A

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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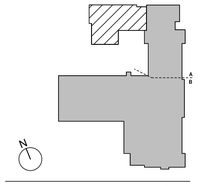
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

ELECTRICAL PANEL SCHEDULES SHEET3

E603

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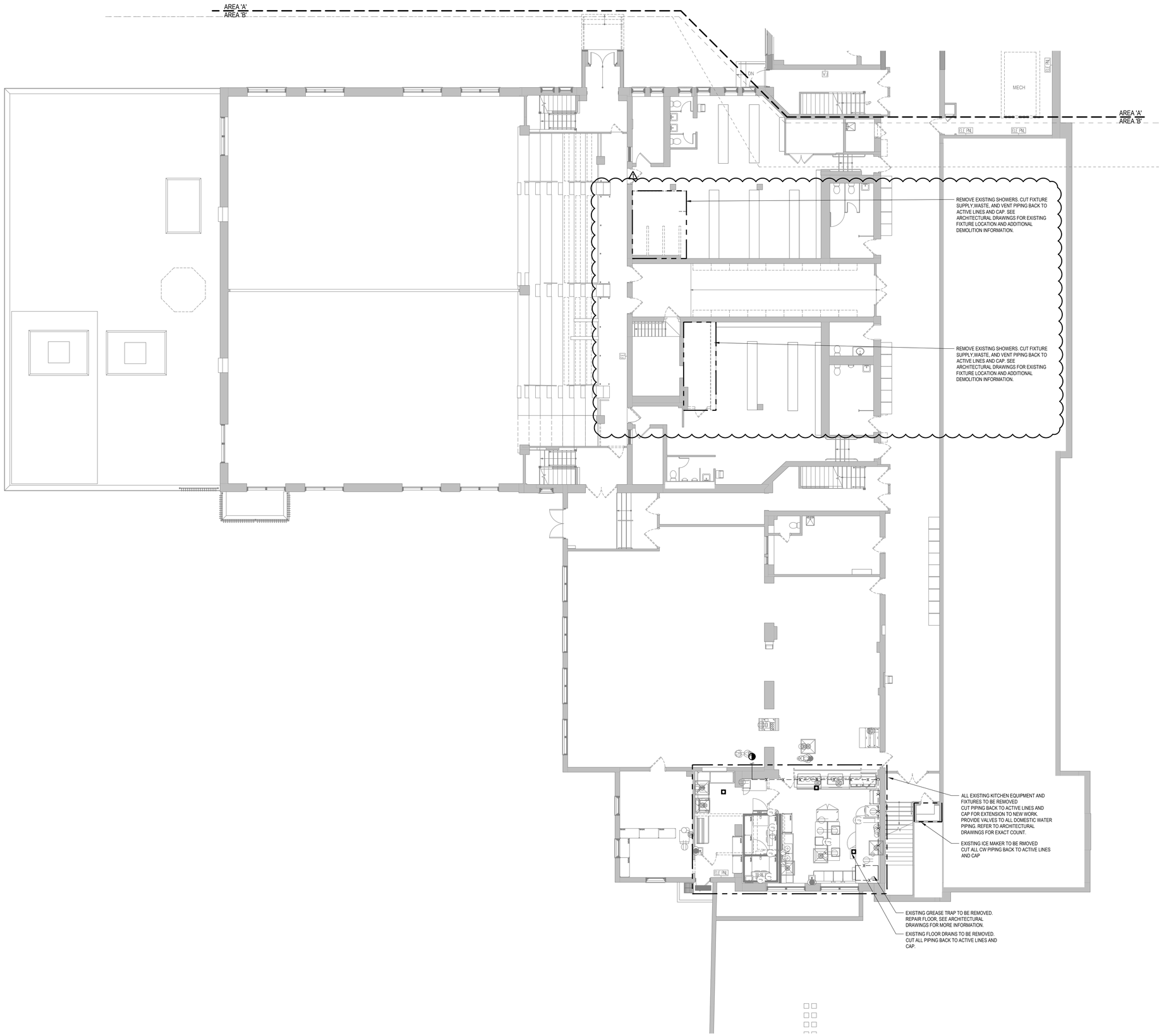

PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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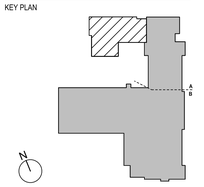

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PLUMBING DEMOLITION PART PLAN - GROUND FLOOR - AREA B

PD102-B

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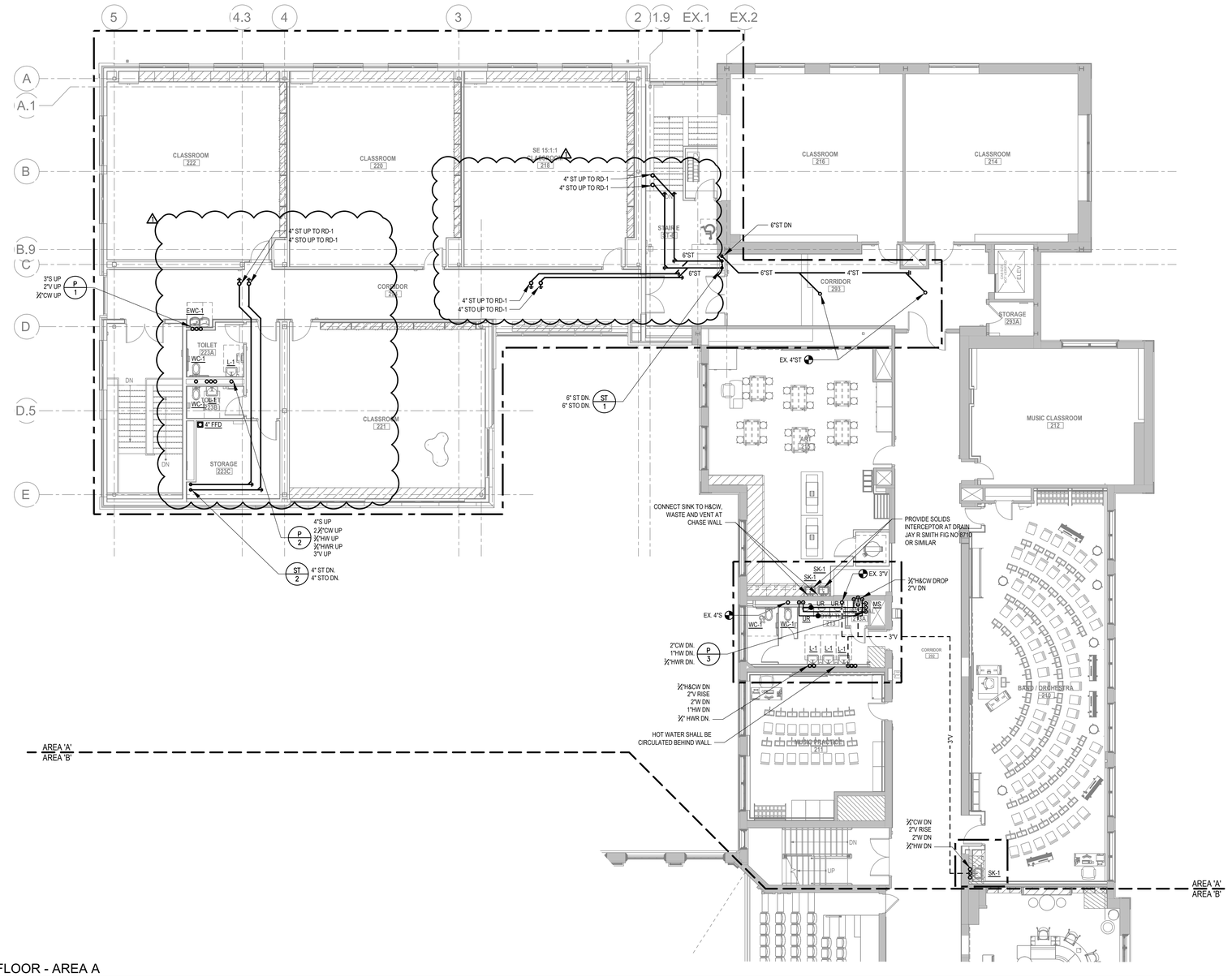

PLUMBING PART PLAN - SECOND FLOOR - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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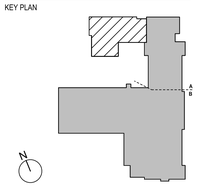

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PLUMBING PART PLAN - SECOND FLOOR - AREA A

P104-A

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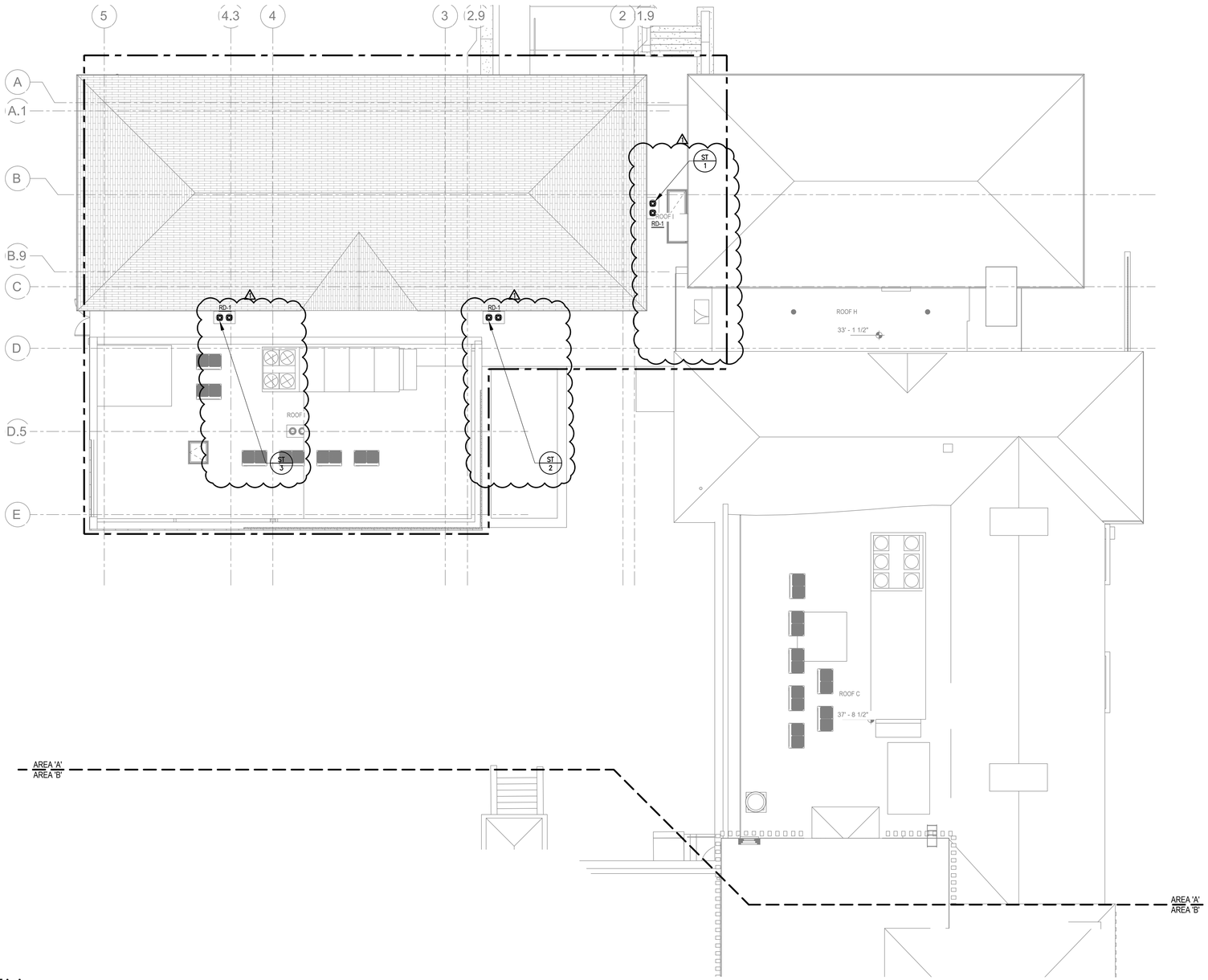

PLUMBING PART PLAN - ROOF - AREA A

1/8" = 1'-0"

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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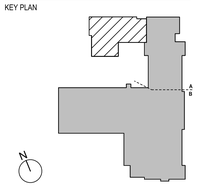
BRIDGEWATER, MA. 02324

ISSUE	DATE
1 ADDENDUM #4	04/17/2026
ISSUED FOR BID	03/27/2026

KEY PLAN



SED PROJECT NO. 28-05-01-06-1-009-XXX

MEMASI PROJECT NO. 101-2403

PLUMBING PART PLAN - ROOF - AREA A

P106-A

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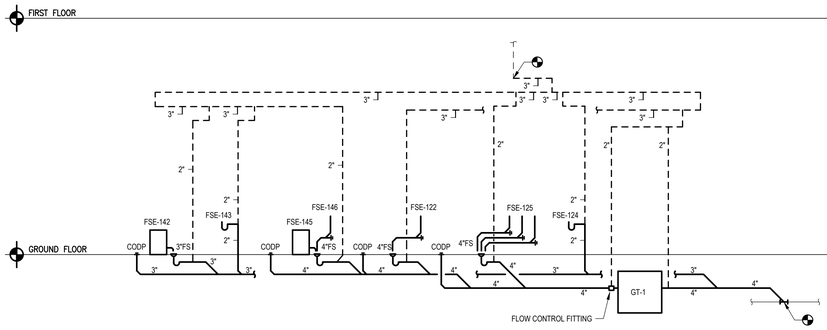
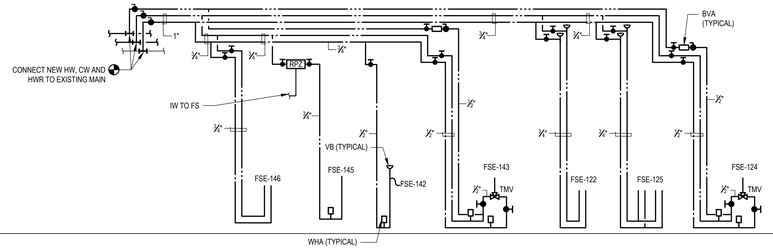


KITCHEN SANITARY RISER DIAGRAM

SCALE: NTS



KITCHEN DOMESTIC WATER RISER DIAGRAM

SCALE: NTS

NOTES

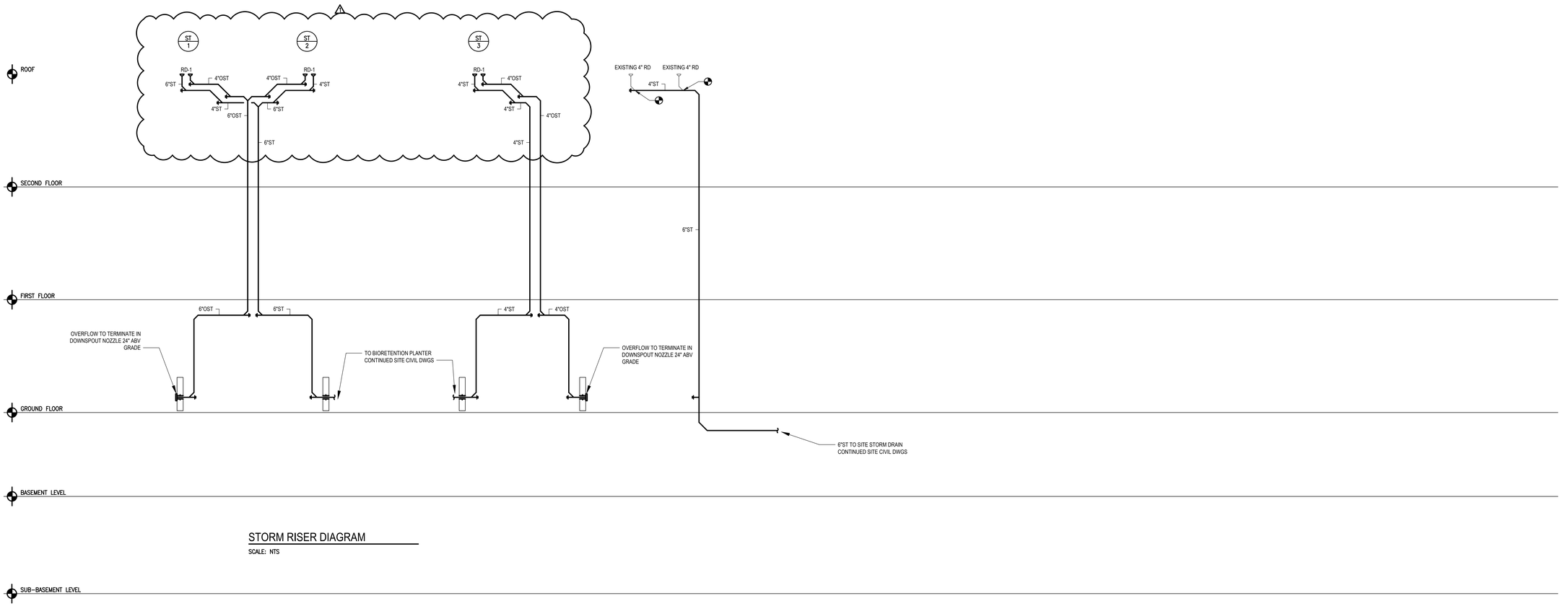
1. LEAK DETECTION DEVICE TO BE PROVIDED FOR ALL HWHS.
2. ACCESS PANELS TO BE PROVIDED FOR ALL VALVES. LOCATION TO BE COORDINATED WITH ARCHITECT.
3. SHOCK ABSORBERS TO BE PROVIDED AS SPECIFIED IN THESE DRAWINGS. ABSORBERS SHALL BE LOCATED IN ACCESSIBLE LOCATIONS (PREFERABLY ABOVE CEILING) AND NOT BEHIND DETAILED FINISHED CONSTRUCTION.
4. CONNECTION POINTS TO BE FIELD VERIFIED BY CONTRACTOR.
5. PROVIDE VACUUM BREAKER FOR CW CONNECTIONS TO REF. AND HW CONNECTION TO DW. PROVIDE DOUBLE CHECK VALVE FOR ALL CM. VB LOCATIONS TO BE COORDINATED BEHIND EQUIPMENT SERVED AND SHALL BE INSTALLED 6" ABOVE TOP OF EQUIPMENT.

FOOD SERVICE EQUIPMENT SCHEDULE

NO.	QTY.	CATEGORY	REMARKS
FSE-122	1	PREP TABLE (SINK)	NEW
FSE-124	1	HAND SINK	NEW
FSE-125	1	THREE COMPARTMENT SINK	NEW
FSE-142	1	ICE MACHINE	NEW
FSE-143	1	HAND SINK	NEW
FSE-145	1	DISHWASHER	NEW
FSE-146	1	SOILED DISHTABLE (SINK)	NEW

NOTES:

1. ALL EQUIPMENT MOUNTINGS, LOCATIONS AND ELEVATIONS ARE TO BE AS SHOWN ON COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT/ARCHITECTURAL DRAWINGS.
2. ALL EQUIPMENT TO BE FURNISHED BY COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT VENDOR. SEE COMMERCIAL FOOD SERVICE/KITCHEN CONSULTANT DRAWINGS AND SCHEDULES FOR ALL FIXTURE, APPLIANCE AND EQUIPMENT INFORMATION.



STORM RISER DIAGRAM

SCALE: NTS

PUBLIC SCHOOLS OF THE TARRYTOWNS

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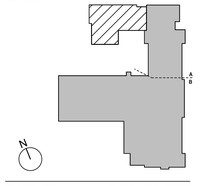
KEY PLAN



SED PROJECT NO.	28-05-01-06-1-009-XXX
MEMASI PROJECT NO.	101-2403

PLUMBING RISER DIAGRAMS

P502

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1 REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2 REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3 AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5 REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D7 REMOVE EXISTING BRICK AND GLASS BLOCK WALL FROM FLOOR TO LINTEL ABOVE.
D11 (1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D25 REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D26 REMOVE MUSICAL INSTRUMENT STORAGE LOCKERS AND TURN OVER TO OWNER. REINSTALL IN BASEMENT.
D66 REMOVE EXST CASEWORK/SHELVING/BUILT-IN FURNISHINGS.
D70 NEATLY SAW CUT EXISTING MASONRY WALL ON COURSE WHERE POSSIBLE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS. PREP ADJACENT SURFACES FOR NEW HOLLOW METAL FRAME. (REFER TO 22/A700).
D92 MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.
D96 REMOVE EXISTING WALL TILES AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.
D101 REMOVE WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.
D102 REMOVE PLUMBING FIXTURES. REFER TO PLUMBING DWGS FOR MORE INFORMATION
D103 REMOVE EXISTING WALL TILE INCLUDING MORTAR AND SUBSTRATE
D107 BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108 ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109 CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D110 CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE
D111 REMOVE EXISTING FLOOR TILE AND ADHESIVE DOWN TO SUBSTRARTE. PREPARE SURFACES FOR NEW FINISH
D113 REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.
D114 REMOVE EXISTING NOTICE BOARD/TEACHING BOARD TO ALLOW FOR NEW WALL OPENING OR NEW WALL PARTITION. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.
D120 CAREFULLY REMOVE, SALVAGE AND PROTECT THE FOLLOWING MASONRY ITEM: (PRE-CAST CONC. SILL)) FOR RE-INSTALLATION IN NEW LOCATION. PROVIDE NEW PRE-CAST SILL TO MATCH EXISTING IF UNABLE TO RETAIN.
D121 REMOVE METAL STUD WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.

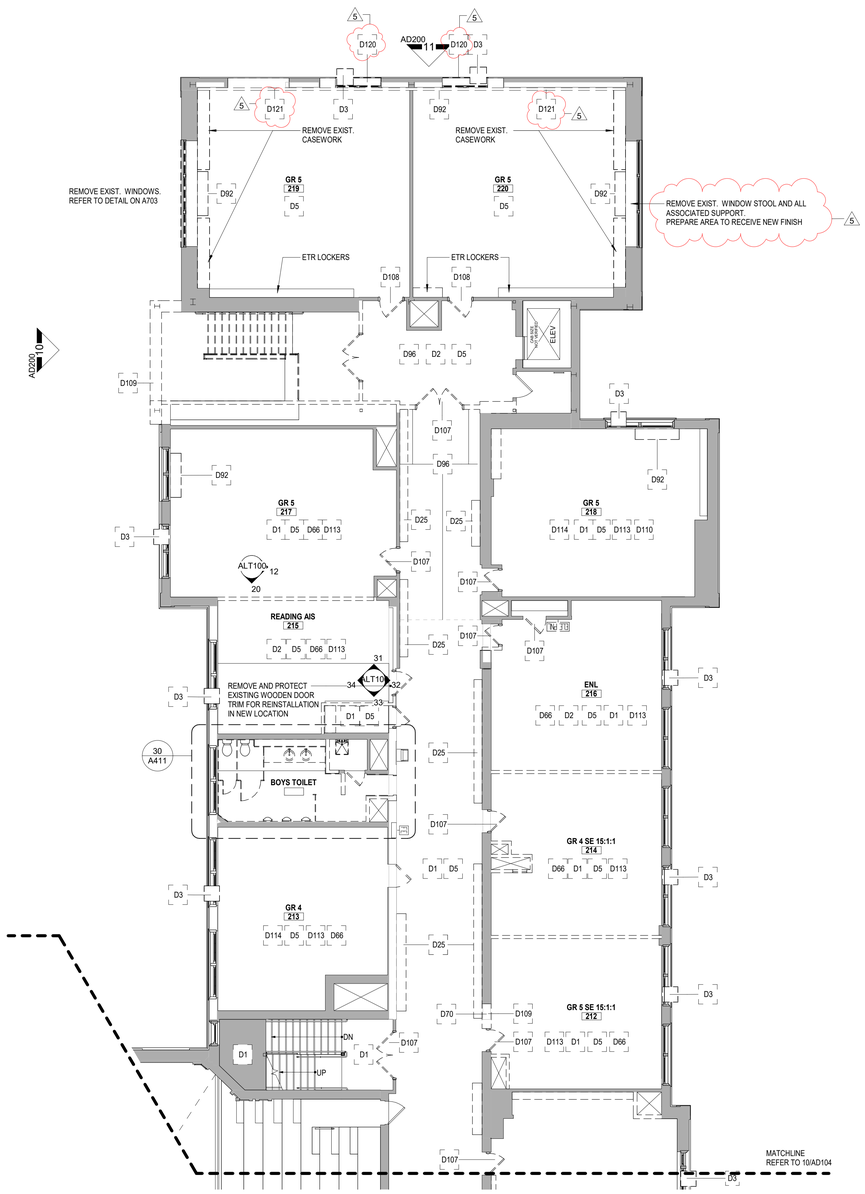
DEMOLITION LEGEND

REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE

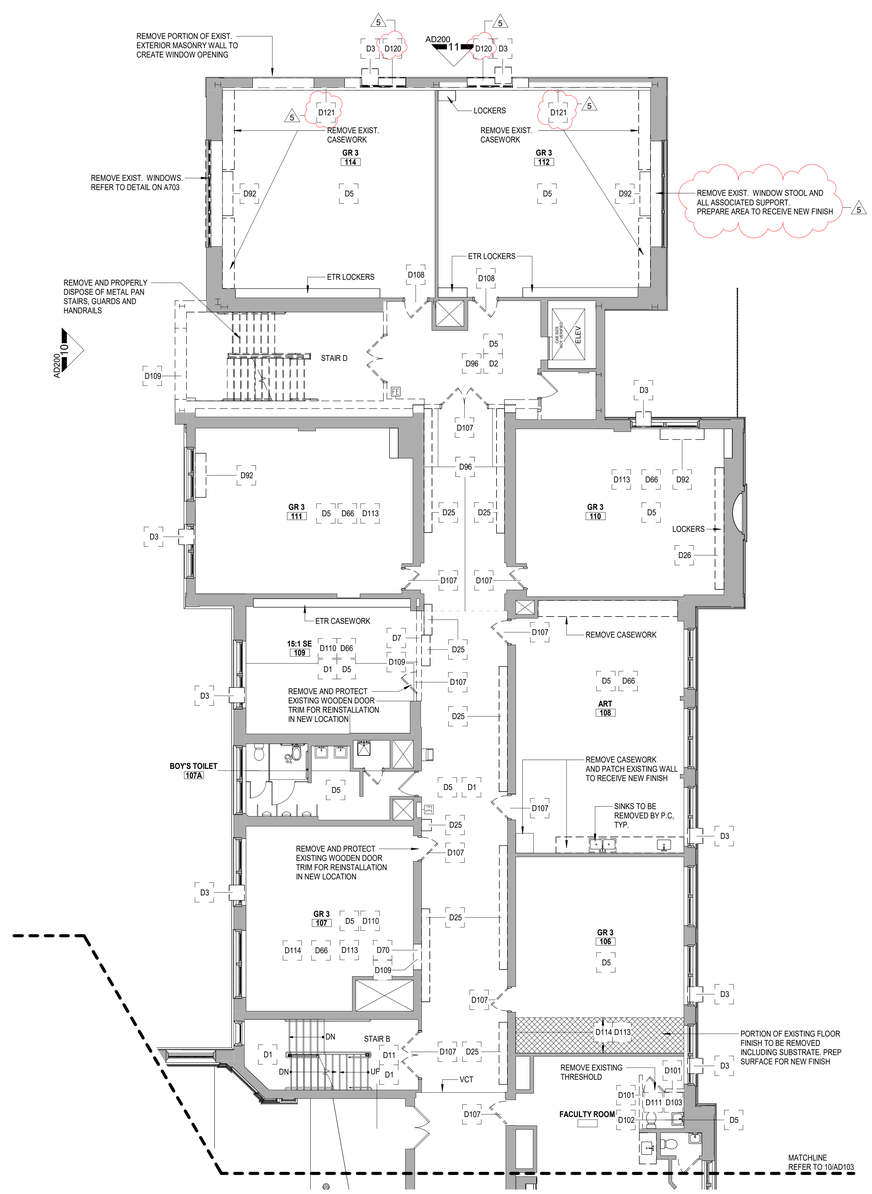
REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)

REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)

CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



SECOND FLOOR DEMOLITION - AREA A
1/8" = 1'-0"
11



FIRST FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"
10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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BID ADDENDUM	5	04/24/2026
ISSUED FOR BID		03/27/2026
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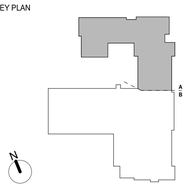
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLANS - FIRST AND SECOND FLOOR AREA A

AD102-A

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

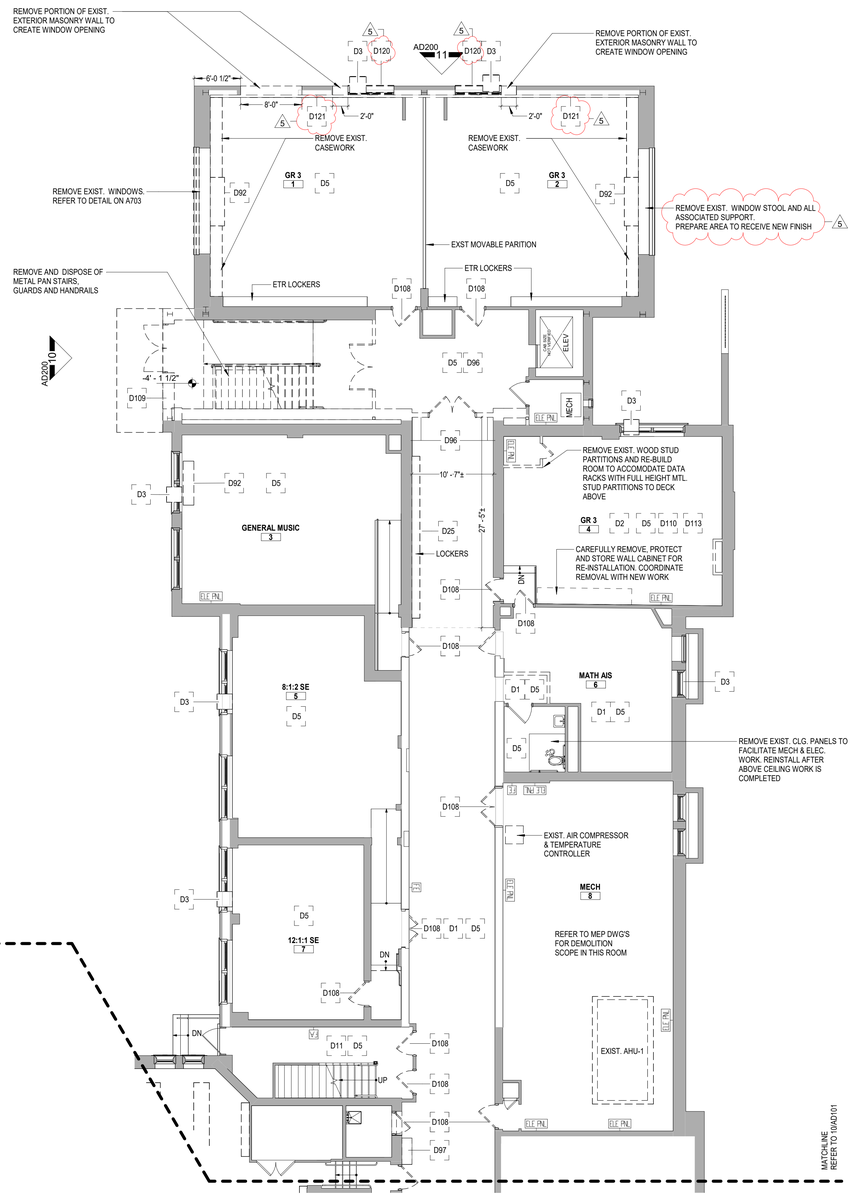
B. MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.

KEY NOTES

D1	REMOVE VCT / VAT FLOORING, INCLUDING BASE AND MASTIC UNDER ABATEMENT CONDITIONS. REFER TO ABATEMENT DRAWINGS.
D2	REMOVE VCT FLOORING, INCLUDING BASE AND MASTIC.
D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D5	REMOVE SUSPENDED (ACT / GRID) CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECT AND MECH DWGS FOR EQUIPMENT REMOVALS.
D11	(1) REMOVE ACOUSTIC TILES FROM UNDERSIDE OF STRUCTURE. (2) LIGHT FIXTURE TO BE REMOVED BY E.C. REFER TO ELECTRICAL DRAWINGS. PATCH AND REPAIR SURFACE TO RECEIVE NEW FINISH.
D19	REMOVE WALL PADS AND ALL ASSOCIATED SUPPORTS
D25	REMOVE AND DISPOSE OF EXISTING METAL LOCKERS AND LOCKER BASE.
D79	REMOVE EXIST CONCRETE STAIR ASSEMBLY IN ITS ENTIRETY INCLUDING STAIR RAILING AND ALL ASSOCIATED SUPPORTS.
D92	MECHANICAL EQUPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.
D93	SAWCUT AND REMOVE PORTION OF CONCRETE BLEACHERS FOR EXTENT SHOWN, COORDINATE REMOVAL WITH NEW WORK
D96	REMOVE EXISTING WALL TILES AND ADHESIVE DOWN TO SUBSTRATE. PREPARE SURFACES FOR NEW FINISH.
D97	REMOVE ABANDONED CONCRETE LOCKER BASES DOWN TO CONCRETE FLOOR SLAB.
D107	BASE BID: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D108	ALTERNATE 2: REMOVE EXISTING DOOR, FRAME, AND HARDWARE.
D109	CAREFULLY REMOVE AND SALVAGE THE FOLLOWING MASONRY ITEM: (BRICK) FOR RE-INSTALLATION. STORE,PROTECT AND KEEP SEPERATE EXTERIOR BRICK FROM INTERIOR BRICK.
D110	CAREFULLY REMOVE BUILT-IN CABINETRY TO ALLOW FOR FLOOR REMOVAL. RE-INSTALL CABINETRY IN EXISTING LOCATION WHEN INSTALLATION IS COMPLETE
D112	REMOVE ALL EXISTING PLANK SEATING.
D113	REMOVE EXISTING WOOD BASE. PATCH EXISTING WALL TO RECEIVE NEW FINISHES TO MATCH EXISTING.
D120	CAREFULLY REMOVE, SALVAGE AND PROTECT THE FOLLOWING MASONRY ITEM: (PRE-CAST CONC. SILL)) FOR RE-INSTALLATION IN NEW LOCATION. PROVIDE NEW PRE-CAST SILL TO MATCH EXISTING IF UNABLE TO RETAIN.
D121	REMOVE METAL STUD WALL CONSTRUCTION IN ITS ENTIRETY INCLUDING ANY ASSOCIATED SUPPORTS OR FASTNERS TO SLAB.

DEMOLITION LEGEND

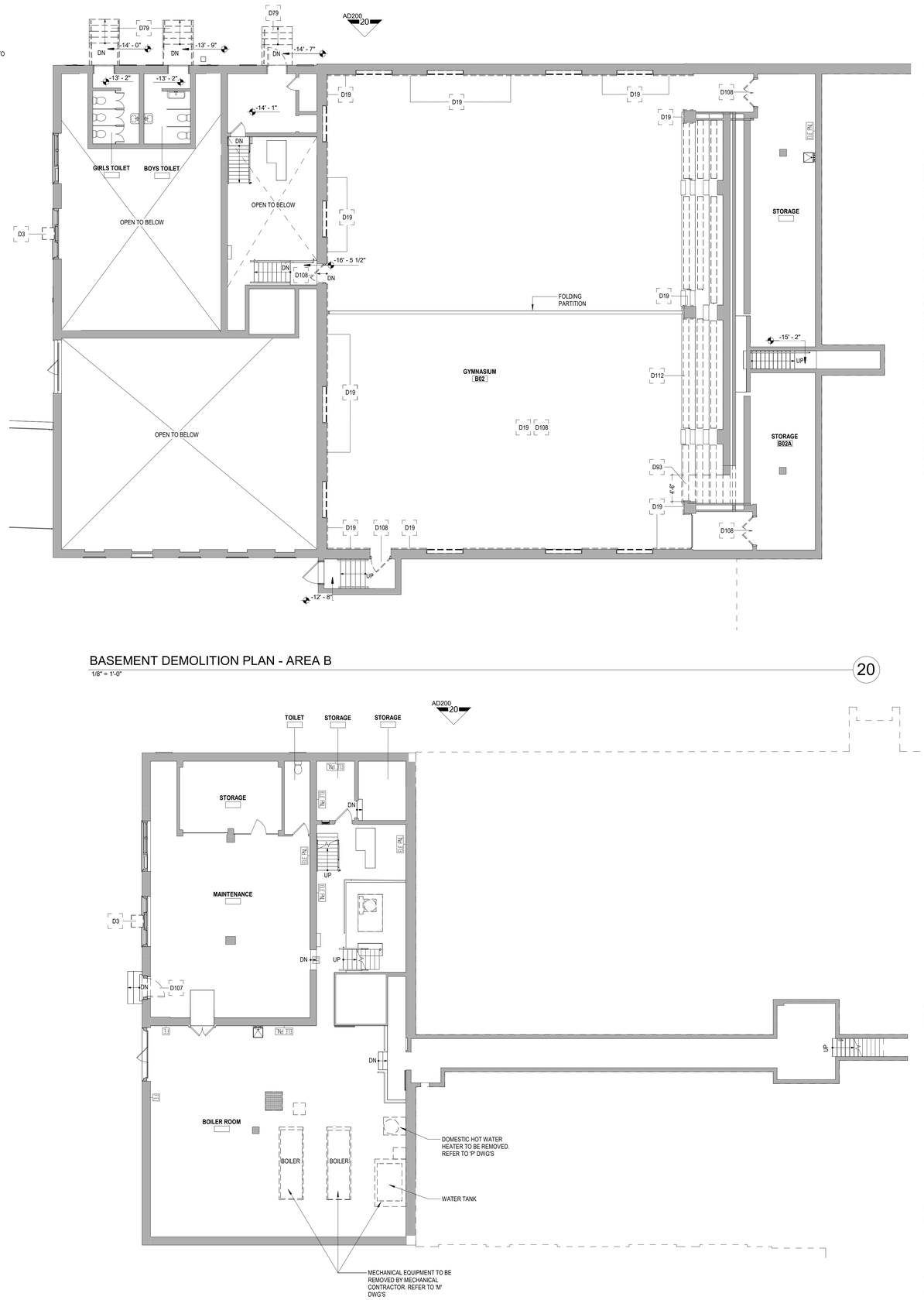
- REMOVE EXISTING DOOR ASSEMBLY, INCLUDING FRAME AND ALL ASSOCIATED HARDWARE
- REMOVE EXISTING PARTITION ASSEMBLY, FROM FLOOR TO SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS. INFILL PLASTER CEILING TO MATCH ADJACENT SURFACES TO MAINTAIN FIRE BARRIER (D21)
- REMOVE EXISTING HEATING/VENTILATION SHAFT FROM TOP OF FLOOR SLAB TO BOTTOM OF SLAB ABOVE, INCLUDING ALL SUPPORTS AND FASTENERS (D73)
- CAREFULLY REMOVE LOCKERS FROM WALLS. CARE MUST BE TAKEN TO NOT DAMAGE LOCKERS REFER TO (D26)



GROUND FLOOR DEMOLITION PLAN - AREA A

1/8" = 1'-0"

11



BASEMENT DEMOLITION PLAN - AREA B

1/8" = 1'-0"

20

SUB-BASEMENT (BOILER ROOM) DEMOLITION PLAN - AREA B

1/8" = 1'-0"

10

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2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

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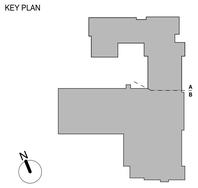
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION PART PLANS - SUB/BASEMENT - GROUND FLOOR AREA A AND B

AD100-AB

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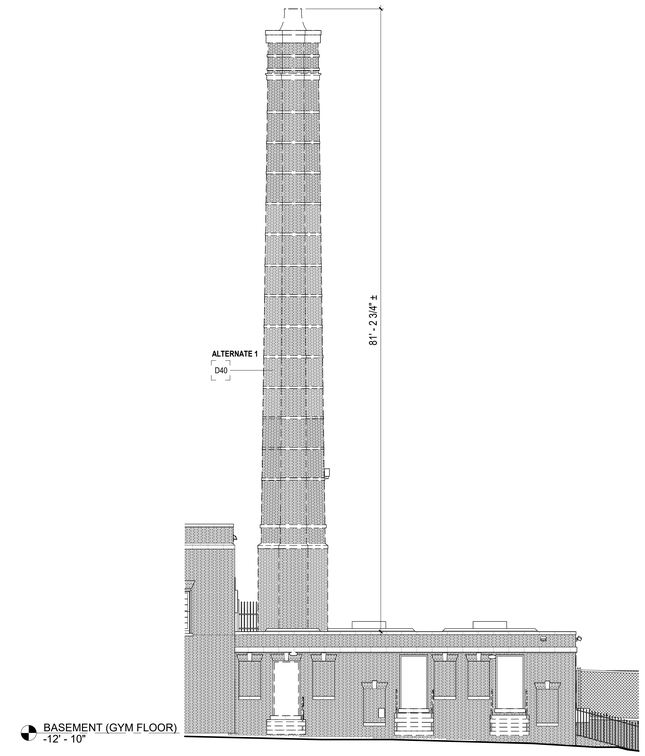
SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWING.

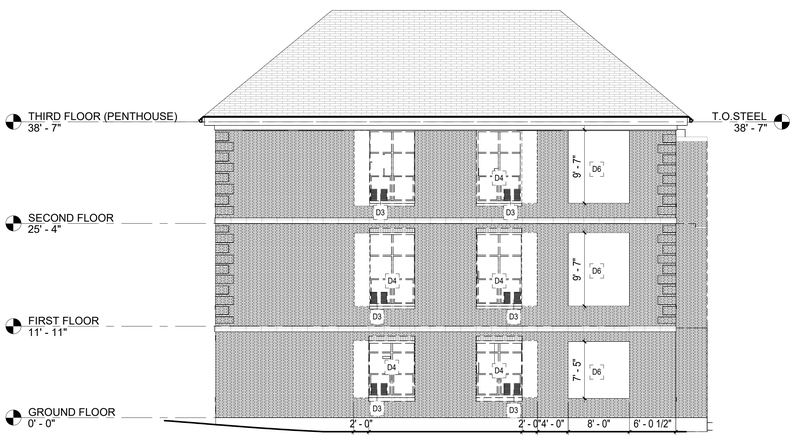
B. REFER TO MEP DWGS FOR ALL ROOF EQUIPMENT REMOVALS UNLESS OTHERWISE NOTED.

KEY NOTES

D3	AIR CONDITIONER UNIT AND ALL SUPPORTS TO BE REMOVED BY MC. SEE MECH DWGS.
D4	REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ALL FRAME MEMBERS, SILLS, FLASHING, AND FASTENERS. COORDINATE WITH NEW WORK. PATCH AND REPAIR ALL MATERIALS DAMAGED DURING REMOVAL AND PREP FOR NEW FINISHES
D6	SAWCUT MASONRY WALL ON COURSE TO CREATE NEW OPENING. PROVIDE LOOSE LINTEL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
D10	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY. PREP OPENING FOR NEW DOOR ASSEMBLY
D38	REMOVE PORTION OF EXISTING CAST STONE TRIM TO EXTENT SHOWN. COORDINATE REMOVAL WITH NEW WORK
D40	REMOVE CHIMNEY IN ITS ENTIRETY, INCLUDING ANY SUPPORTS OR FASTENERS.
D92	MECHANICAL EQUIPMENTS, PIPING, WALL SLEEVE, AND INTAKE LOUVER TO BE REMOVED BY MC. SEE MECH DWGS.



WEST DEMOLITION ELEVATION (COURT YARD) 20
1/8" = 1'-0"



NOTE: GC TO COORDINATE ROUGH OPENINGS FOR WINDOW INSTALLATION. 5

NORTH DEMOLITION ELEVATION 11
1/8" = 1'-0"



WEST DEMOLITION ELEVATION 10
1/8" = 1'-0"

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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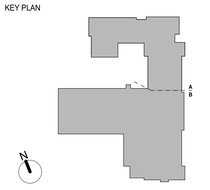
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

DEMOLITION BUILDING ELEVATIONS

AD200

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

9.12 PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.

9.16 PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.

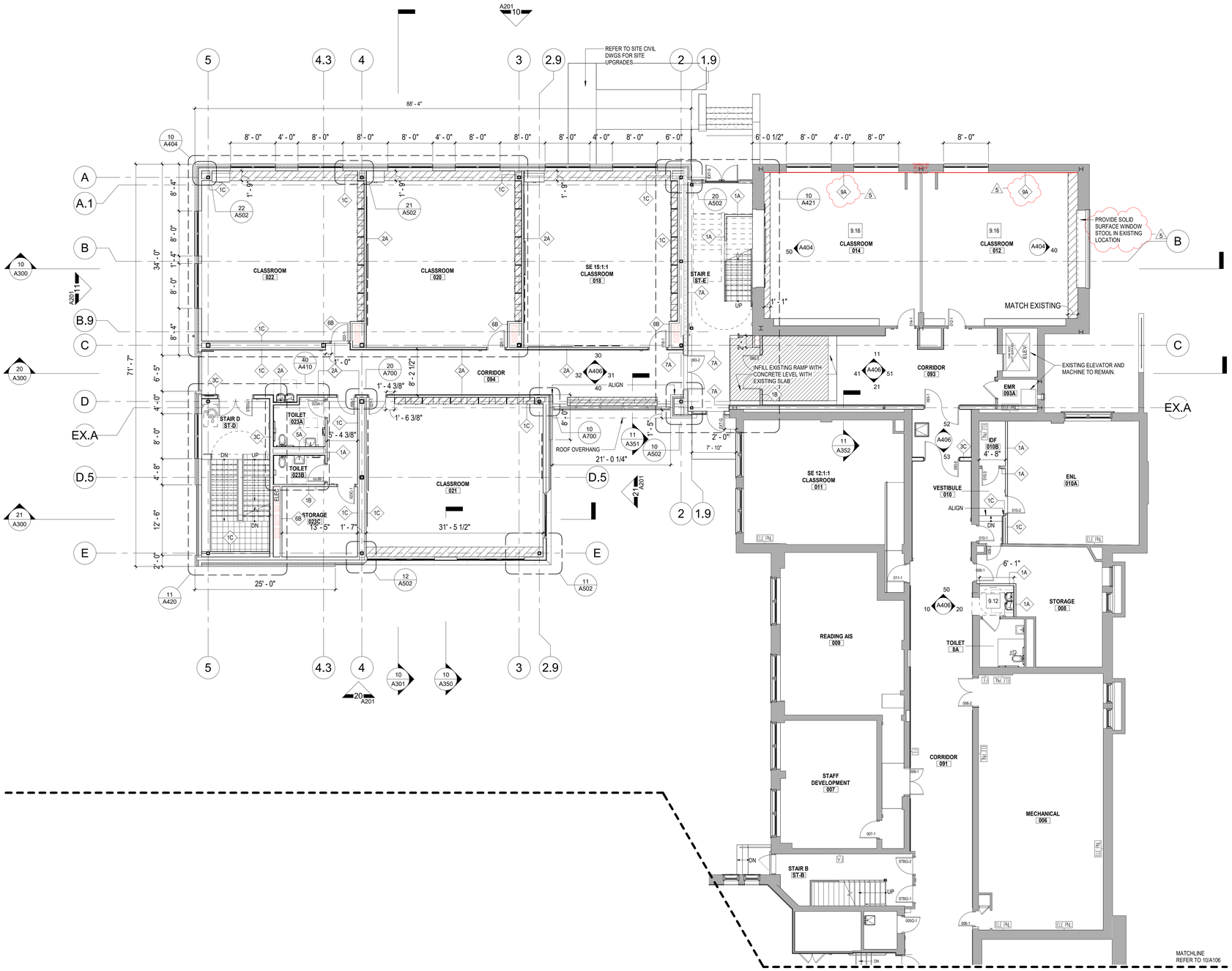
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



GROUND FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

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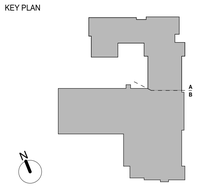
ISSUED FOR BID		03/27/2026
ISSUE		DATE

KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PART PLAN - GROUND FLOOR AREA A

A111-A

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SHEET NOTES

A. VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE START OF ANY WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

8.11 PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)

9.05 INFILL WALL. SEE DETAILS.

9.16 PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.

9.62 PROVIDE 1/2" SURPEFLY PREMIUM UNDERLAYMENT BY PATRIOT TIMBER PRODUCTS OR EQUAL.

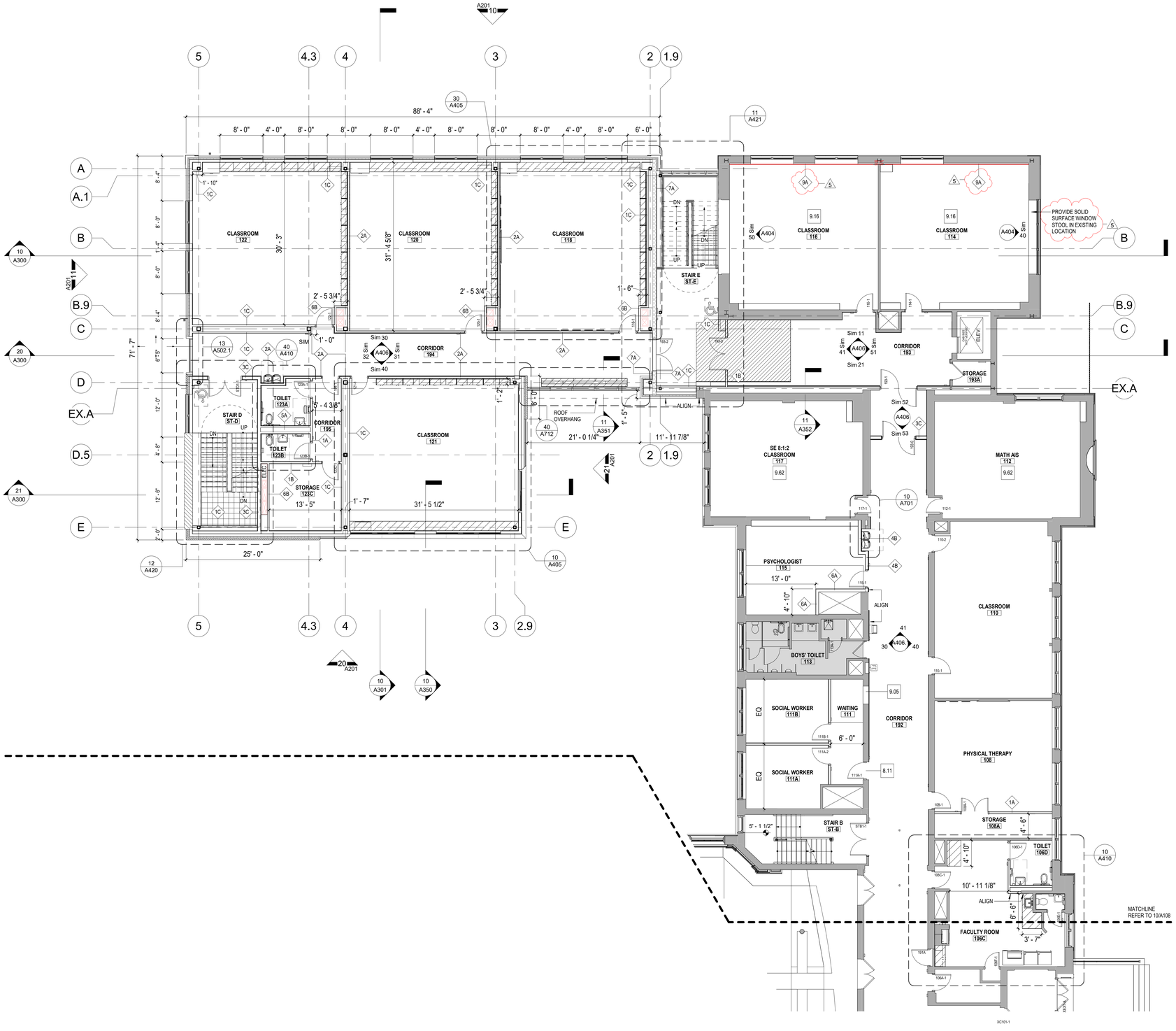
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



FIRST FLOOR PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

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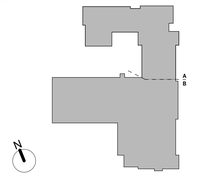

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PART PLAN - FIRST FLOOR AREA A

A112-A

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SHEET NOTES

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B. FIRESTOP OPENIGS IN FLOORS AND WALLS WHERE DUCTWORK AND PIPING IS REMOVED.

C. REFER TO NARRATIVE FOR FULL DESCRIPTION OF SCOPE OF WORK.

D. REFER TO CONSTRUCTION NOTES ON SHEET G001 FOR MORE INFORMATION

KEY NOTES

8.11 PROVIDE DOOR AND FRAME ASSEMBLY AT NEW OPENING IN MASONRY WALL (REFER TO 22/A700)

9.12 PATCH AND PREP WALLS WHERE EXST WALLS ARE REMOVED. FINISH AS SPECIFIED.

9.16 PATCH EXISTING WALL WHERE EXISTING MILLWORK HAS BEEN REMOVED.

9.76 PROVIDE ACOUSTICAL UNDERLAYMENT. REFER TO DETAILS.

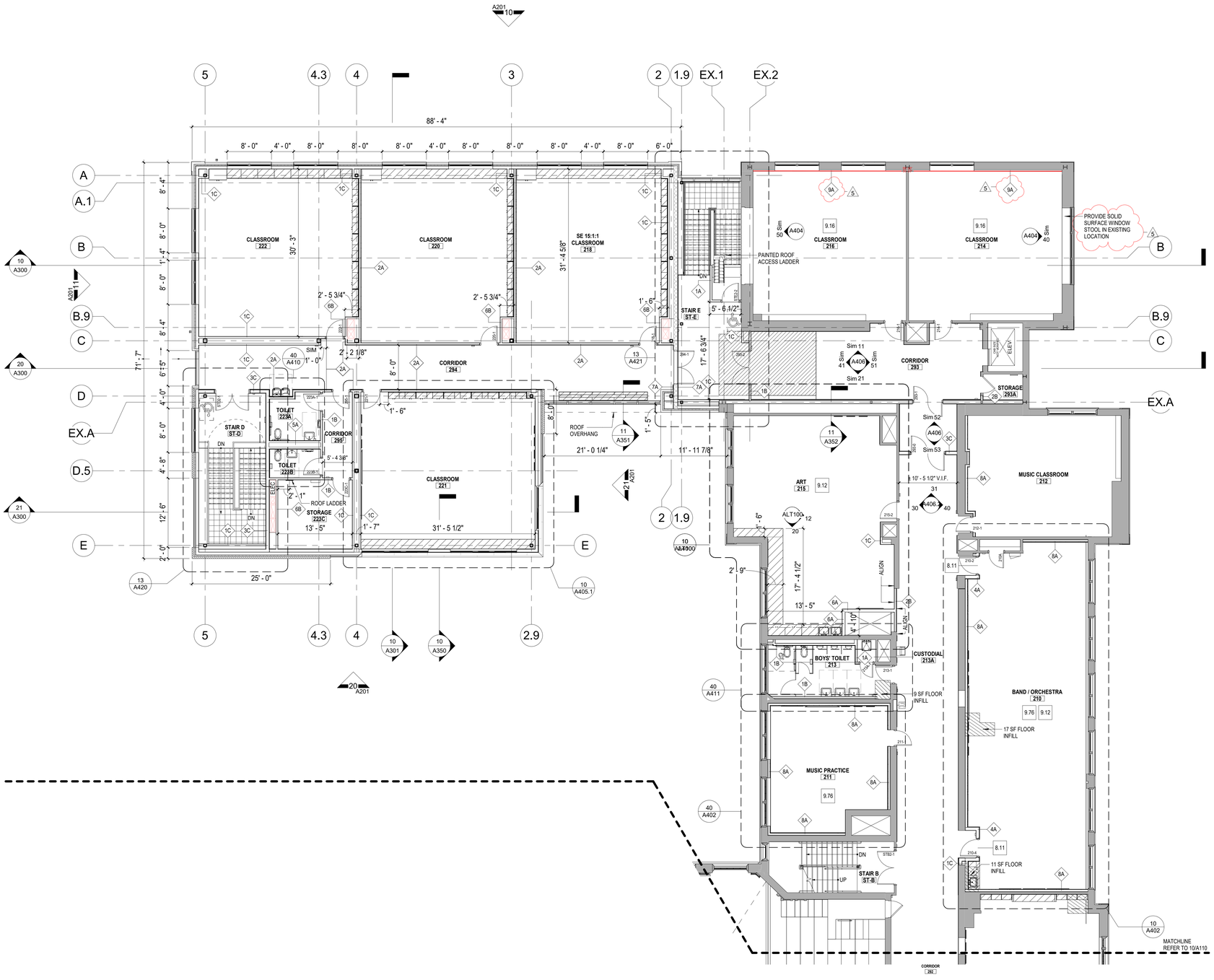
LEGEND

SHAFT

INFILL SLAB WHERE SHAFT/STAIR WAS REMOVED

CASEWORK

NOT IN SCOPE



SECOND FLOOR PLAN - AREA A

1/8" = 1'-0"

10

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KEY PLAN

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PART PLAN - SECOND FLOOR AREA A

A113-A

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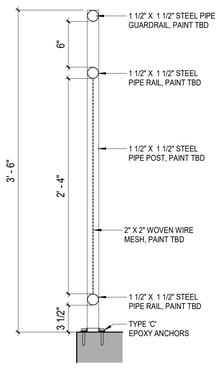
SHEET NOTES

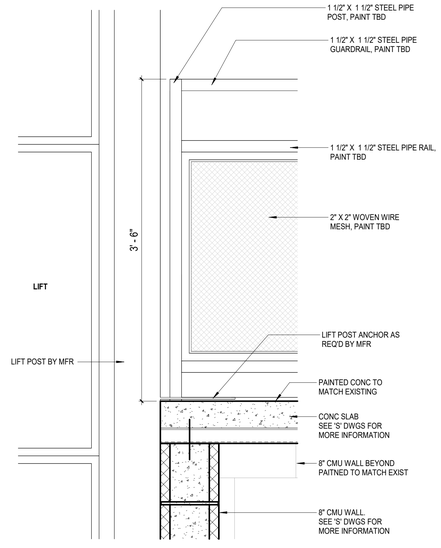
KEY NOTES



RAILING DETAIL

1 1/2" = 1'-0"

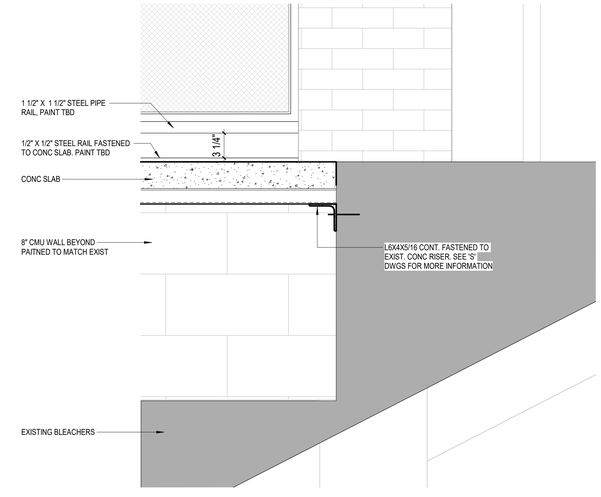
32



DETAIL @ LIFT SLAB EDGE

1 1/2" = 1'-0"

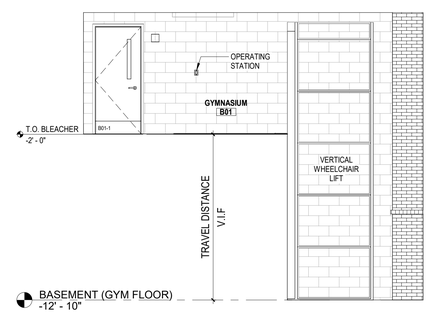
31



DETAIL @ LIFT UPPER LANDING

1 1/2" = 1'-0"

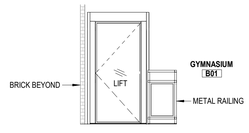
30



LIFT GROUND FLOOR ELEVATION SOUTH

1/4" = 1'-0"

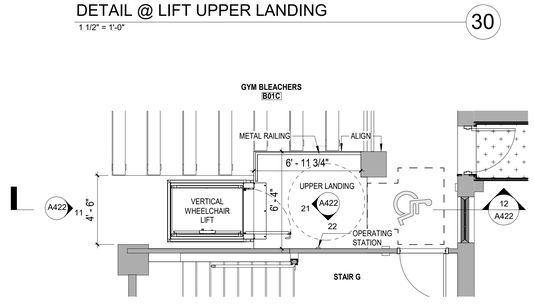
22



LIFT GROUND FLOOR ELEVATION WEST

1/4" = 1'-0"

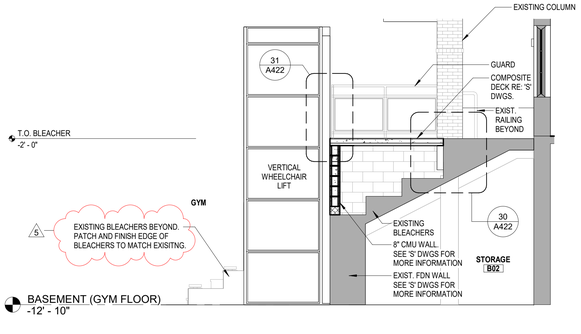
21



LIFT GROUND FLOOR PLAN

1/4" = 1'-0"

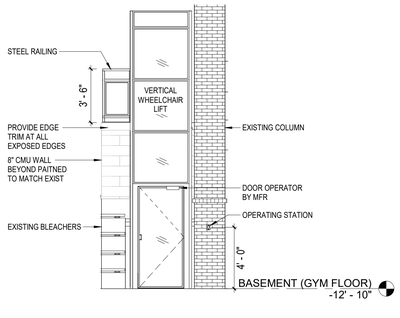
20



LIFT SECTION

1/4" = 1'-0"

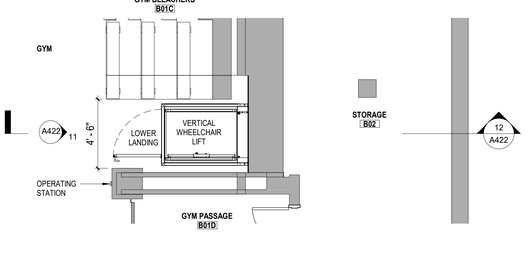
12



LIFT BASEMENT ELEVATION

1/4" = 1'-0"

11



LIFT BASEMENT PLAN

1/4" = 1'-0"

10

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KEY PLAN



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LIFT PLAN AND DETAILS

A422

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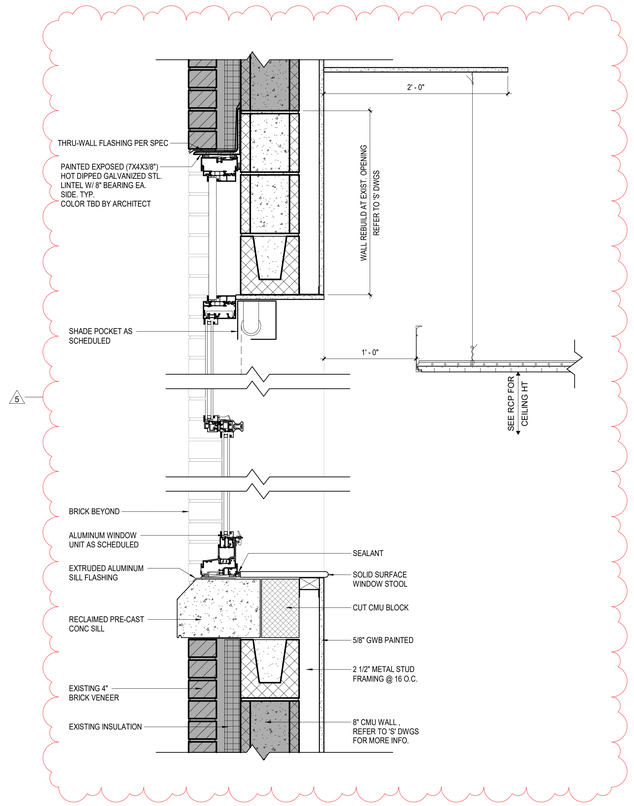
SHEET NOTES

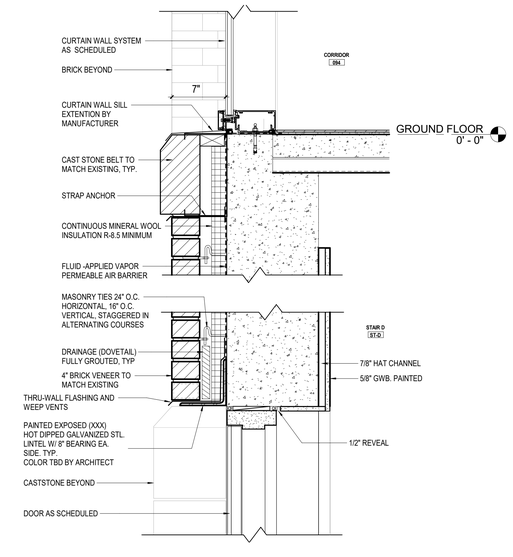
KEY NOTES



WINDOW DETAIL @ (1997 ADDITION)

1 1/2" = 1'-0"

20



SECTION DETAIL @ DOOR STDB-1

1 1/2" = 1'-0"

10

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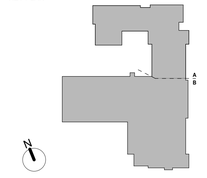

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SECTION DETAILS

A502.2

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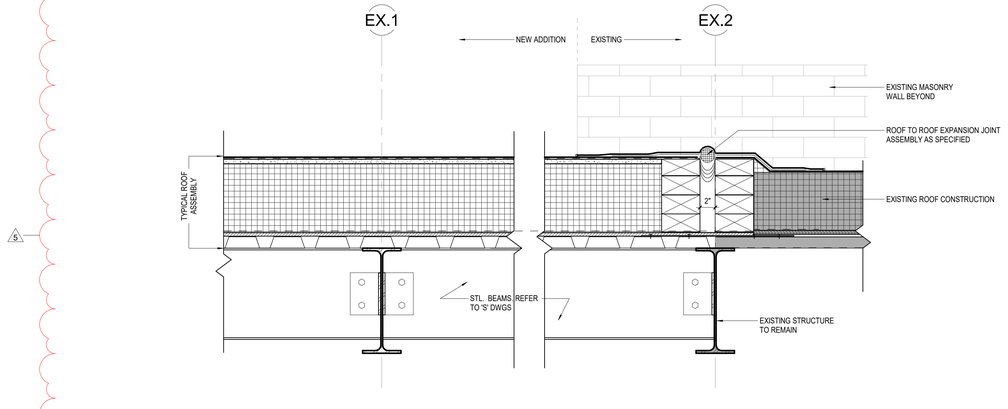
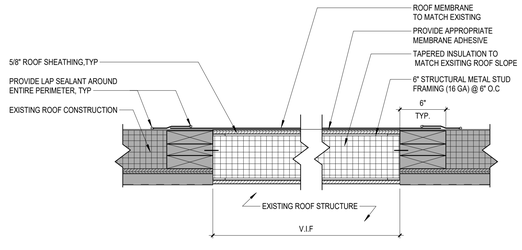
KEY NOTES



DETAIL @ ROOF TO ROOF EXPANSION JOINT

1 1/2" = 1'-0"

11



DETAIL @ ROOF INFILL - (1997 ADDITION)

1 1/2" = 1'-0"

10

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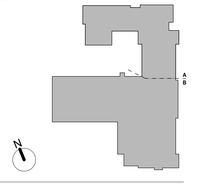

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ROOF DETAILS CONTINUED

A504.1

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PARTITION NOTES

1A — PARTITION TYPE NUMBER

NOM. CMU SIZE	STC RATING	FIRE RATING	SIDE ONE FINISH
		TEST DESIGN	SIDE TWO FINISH

GENERAL PARTITION NOTES

1. THIS PARTITION TYPE SCHEDULE IS GENERIC IN NATURE. NOT ALL OF THE PARTITION TYPES ILLUSTRATED ON THIS SHEET HAVE BEEN UTILIZED IN THIS PROJECT. SEE FLOOR PLANS FOR LOCATIONS OF PARTITION TYPES USED.
2. ALL INTERIOR PARTITIONS INDICATED ON THE FLOOR PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY PARTITION SHOWN ON THE FLOOR PLANS WITHOUT A PARTITION TAG. THE ARCHITECT WILL DETERMINE THE PARTITION TYPE TO BE USED AT SUCH LOCATIONS.
3. ALL NEW PARTITIONS IN MUSIC ROOMS TO BE BUILT TO UNDERSIDE OF EXISTING DECK. **TOP AND BOTTOM PLATES OF THE NEW PARTITIONS IN MUSIC ROOMS TO BE ISOLATED FROM THE BUILDING STRUCTURE USING AN ISOLATION PAD, SUCH AS THE KINETICS WALLMAT.** IDEALLY, THERE SHOULD BE NO CONNECTIONS BETWEEN THE WALLS. HOWEVER, IF CONNECTIONS FOR SUPPORT ARE NECESSARY, LSG&A RECOMMENDS THE USE OF A RESILIENT BRACE, SUCH AS THE KINETICS UNIBRACE OR PSB.

FIRE RATED SYSTEMS

1. PROVIDE FIRE RATED JOINT SYSTEMS AT ALL INTERSECTIONS OF FIRE RATED PARTITION ASSEMBLIES AND FIRE RATED FLOOR/ROOF ASSEMBLIES. THE FIRE RATED JOINT SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE PARTITION IN WHICH IT IS BEING USED. THIS JOINT SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
2. PROVIDE THROUGH-PENETRATION FIRE STOP SYSTEM AT ALL PENETRATIONS THROUGH FIRE RATED PARTITION, FLOOR AND ROOF ASSEMBLIES. THE THROUGH-PENETRATION FIRE STOP SYSTEM SHALL HAVE A MINIMUM FIRE RESISTANCE RATING GREATER THAN OR EQUAL TO THE ASSEMBLY THAT IT IS BEING USED IN. THIS FIRE STOP SYSTEM MUST BE AN APPROVED ASSEMBLY TESTED BY A NATIONALLY RECOGNIZED TESTING AGENCY.
3. ANY PRODUCT THAT EMITS ODOR MUST MEET THE REQUIREMENTS OF THE NEW YORK STATE EDUCATION DEPARTMENT.
4. CONCEALED VERTICAL SPACES IN PARTITIONS SHALL BE FILLED WITH NON COMBUSTIBLE MATERIAL, OR FIRE-STOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY, OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION.
5. ALL PARTITION TYPE DIAGRAMS ARE GRAPHICAL IN NATURE. IN THE CASE WHERE A DIAGRAM DOES NOT SHOW ALL MATERIALS REQUIRED BY A FIRE-RATED PARTITION, THE PARTITION TYPE DESCRIPTION GOVERNS.

CMU WALL SYSTEMS

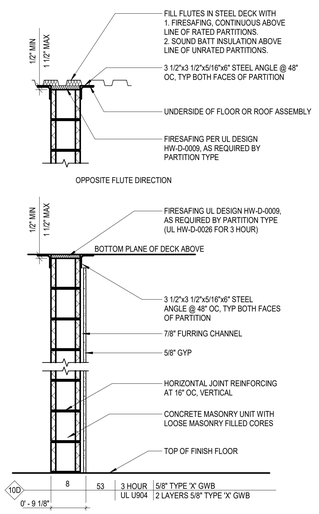
1. ALL PLAN DIMENSIONS ARE TO FACE OF CMU, UNLESS NOTED OTHERWISE.
2. PROVIDE HORIZONTAL JOINT REINFORCEMENT EVERY OTHER CMU COURSE.
3. PROVIDE (2) VERTICAL #4 BARS IN FULLY GROUTED CORES AT THE FOLLOWING LOCATIONS:
   A) PARTITION INTERSECTIONS (REINFORCE FULL HEIGHT)
   B) DOOR OPENINGS (REINFORCE FULL HEIGHT OFDOOR)
   C) WINDOW OPENINGS (REINFORCE FLOOR TO WINDOW HEAD)
   D) WALL ENDS (REINFORCE FULL HEIGHT)
4. SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REINFORCING AND ANCHORING REQUIREMENTS.
5. PROVIDE BULLNOSE MASONRY UNITS ON ALL OUTSIDE CORNERS OF WALLS UNLESS NOTED OTHERWISE.

METAL STUD PARTITION AND CEILING SYSTEMS

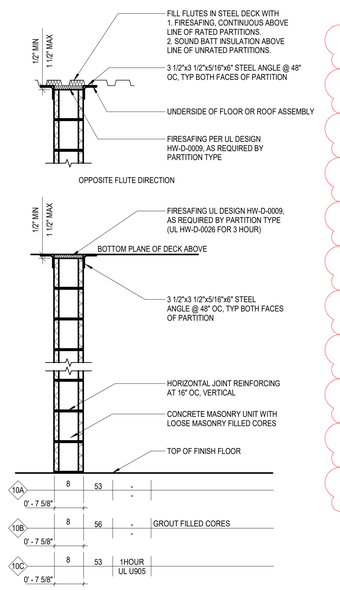
1. ALL DIMENSIONS ARE TO THE FACE OF METAL STUDS UNLESS NOTED OTHERWISE.
2. PROVIDE METAL BRACING AT THIRD POINTS AT THE INTERIOR OF METAL STUD CHASE PARTITIONS. BRACING SHALL NOT EXCEED 48" OC.
3. PROVIDE METAL L.C. BEAD, BACKER ROD AND SEALANT AT THE INTERSECTION OF GYP BD PARTITIONS AND MASONRY PARTITIONS.
4. PROVIDE ACOUSTICAL SEALANT IN THE FOLLOWING LOCATIONS:
   A) PERIMETER OF PARTITIONS
   B) RUNNERS
   C) ELECTRICAL OUTLETS
   D) PARTITION PENETRATIONS AND OPENINGS
5. PROVIDE BLOCKING WITHIN PARTITIONS TO SUPPORT PARTITION MOUNTED EQUIPMENT, FIXTURES AND ACCESSORIES. COORDINATE WITH CABINETRY DETAILS AND MEP DRAWINGS.
6. ALL INTERIOR METAL STUDS AND METAL FURRING AT PARTITIONS ARE 20 GAUGE UNLESS OTHERWISE NOTED. ALL INTERIOR METAL STUDS AND FURRING FOR CEILING SOFFITS ARE 25 GAUGE UNLESS NOTED OTHERWISE.
7. ANCHOR INSULATION TO STUD SYSTEM WITH WIRE SUPPORT SYSTEM IF INSULATION IS NOT SUPPORTED ON BOTH SIDES BY GYPSUM BOARD. WHERE DOUBLE STUD PARTITIONS ARE USED TO FORM CHASE PARTITIONS ONLY PROVIDE SOUND ATTENUATION BLANKETS ON ONE SIDE OF CHASE
8. GYPSUM BOARD SCHEDULE
   - 5/8" TYPE "X" GYPSUM BOARD UNLESS NOTED OTHERWISE.
   - CORRIDOR AND STUDENT OCCUPIED SPACES FROM FLOOR TO 8'-0" ABOVE FINISHED FLOOR: 5/8" TYPE "X" ABUSE RESISTANT GYPSUM BOARD
   -SUSPENDED GYPSUM BOARD CEILINGS: 5/8" TYPE "X" SAG RESISTANT GYPSUM BOARD
   -EXTERIOR CEILINGS AND SOFFITS: 5/8" GLASS-MAT GYPSUM SHEATHING
   -PARTITIONS TO RECEIVE TILE FINISH: 5/8" TYPE "X"GLASS-MAT WATER RESISTANT BACKING BOARD
   - TOILET ROOMS, KITCHENS & JANITOR CLOSETS: PARTITIONS & CEILINGS THAT DO NOT RECEIVE TILE SHALL RECEIVE 5/8" TYPE "X" MOISTURE & MOLD RESISTANT GYPSUM BOARD

MAXIMUM SPACING - GYPSUM BOARD CONTROL JOINTS

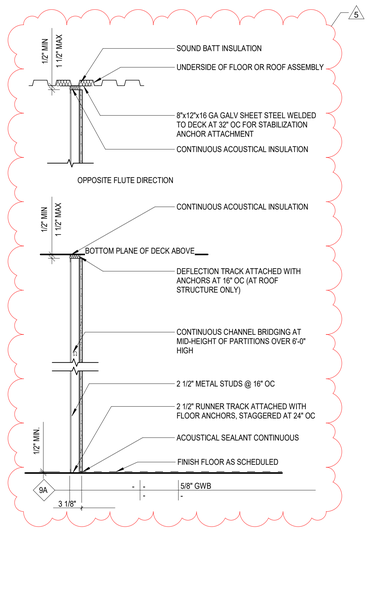
CONSTRUCTION AND LOCATION	MAX SINGLE DIMENSION FEET	MAX SINGLE AREA FEET
PARTITION - INTERIOR	30	-
CEILING - INTERIOR		
W/ PERIMETER RELIEF	50	2500
W/O PERIMETER RELIEF	30	900

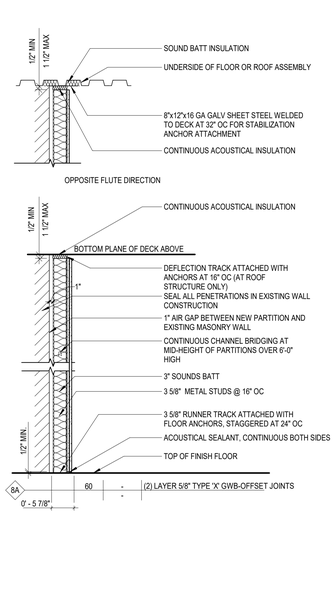


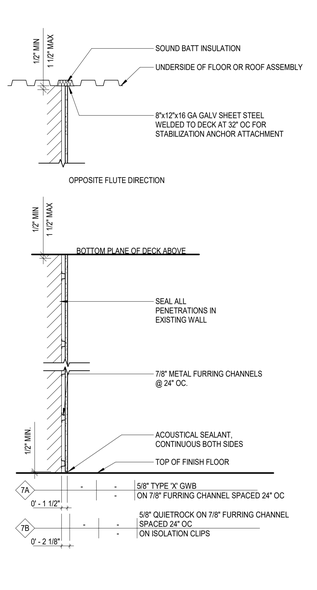
8" CMU PARTITION, 7/8" FURRING AND GYP. BD. ON CORRIDOR SIDE

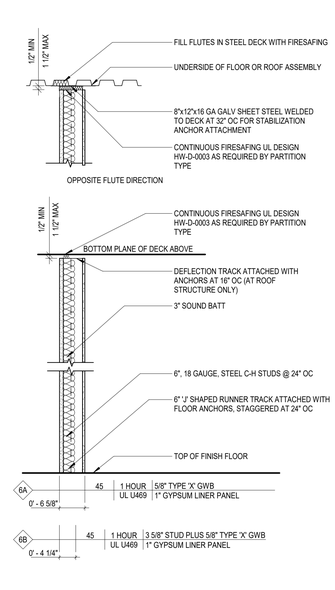


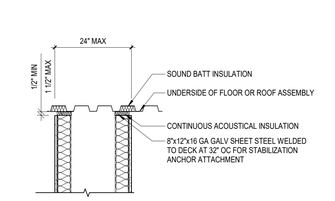
8" CMU PARTITION



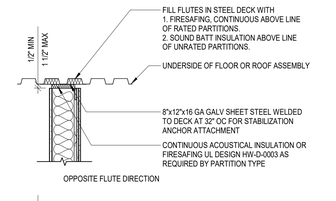




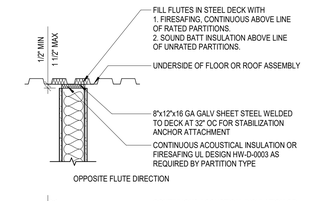




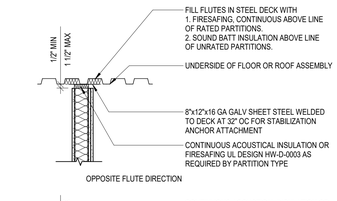
CHASE WALL



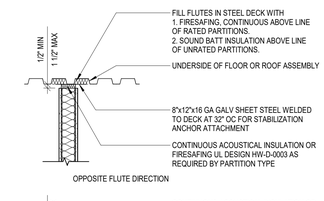
SOUND ISOLATING STUD WALL



STUD WALL AT STAIRS



STUD WALL BETWEEN CLASSROOMS AND CORRIDOR WALLS



STUD WALL

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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SEAL

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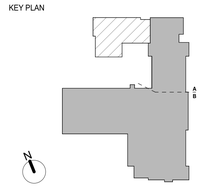
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

PARTITION TYPES

A600

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SHEET NOTES

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C. PROVIDE NEW WINDOW SHADES FOR ALL WINDOWS WITH THE FOLLOWING EXCEPTIONS; CORRIDORS, STAIRS, GYMNASIUM, AUDITORIUM, TOILET ROOMS.

D. PROVIDE CLASS (A) FINISH UNITS NOT LESS THAN 5/8" THICK - SHOULD COMPLY WITH THE REQUIREMENT FOR THE ASTM E84 TEST <25 FLAME SPEAD AND <50 SMOKE DEVELOPED (TYPICALLY REFERRED TO AS 25/50).

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KEY NOTES

CEILING LEGEND

X'-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
	SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
ETR./PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
OS	CEILING MOUNTED OCCUPANCY SENSOR
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR
(S)	CEILING MOUNTED PA SPEAKER
(J)S	CEILING MOUNTED SECURITY J-BOX
	CORD REEL

LIFE SAFETY EQUIPMENT, REFER TO FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

	FIRE SPRINKLER HEAD
(S)	CEILING MOUNTED SMOKE DETECTOR
(H)	CEILING MOUNTED HEAT DETECTOR

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	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE



GROUND FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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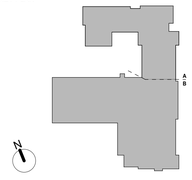
KEY PLAN



PROJECT NO.	66 - 04 - 01 - 03 - 0 - 002 - 017
MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - GROUND FLOOR AREA A

A801-A

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SHEET NOTES

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KEY NOTES

CEILING LEGEND

"X-X"	CEILING HEIGHT ABOVE FINISHED FLOOR ELEVATION
	GWB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
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EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

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	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
	CEILING MOUNTED EXIT SIGN
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(J)S	CEILING MOUNTED SECURITY J-BOX
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	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE

Legend

Description	Quantity	Unit
Gypbd soffit Addendum 5	86.15	sf



FIRST FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

Public Schools of the Tarrytowns

2024 CAPITAL BOND PROJECT - PHASE 2

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BRIDGEWATER, MA. 02324

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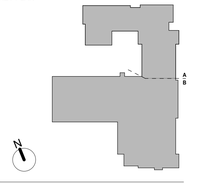

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MEMASI PROJECT NO.	101 - 2403

REFLECTED CEILING PART PLAN - FIRST FLOOR AREA A

A802-A

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ETR/PTD	EXISTING TO REMAIN, CLEAN, PAINT & FINISH
EXP/PTD	EXPOSED, PAINTED
B.O.S	BOTTOM OF SLAB

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

	2'x4' RECESSED LIGHT FIXTURE
	1'x4' RECESSED LIGHT FIXTURE
	2'x2' RECESSED LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	WALL MOUNTED UTILITY LIGHT
	RECESSED DOWNLIGHT
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MEPCHANICAL EQUIPMENT, REFER TO MECHANIAL DRAWINGS FOR ADDITIONAL INFORMATION.

	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	HVAC CEILING CASSETTE

Legend

Description	Quantity	Unit
Gypbd soffit	80.76	sf



SECOND FLOOR REFLECTED CEILING PLAN - AREA A

1/8" = 1'-0"

10

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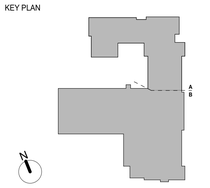

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MEMASI PROJECT NO. 101 - 2403

REFLECTED CEILING PART PLAN - SECOND FLOOR AREA A

A803-A

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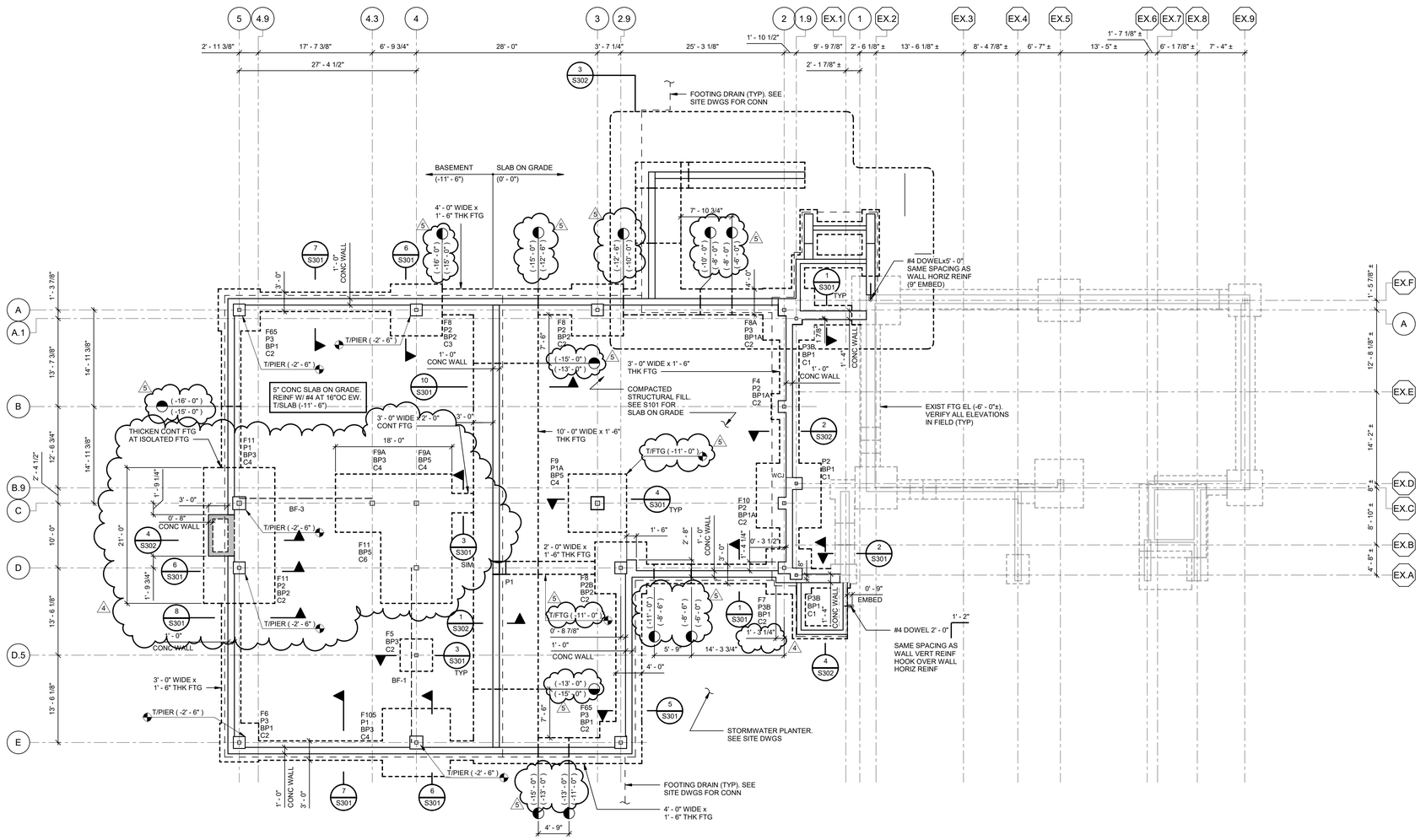

BASEMENT FOUNDATION PLAN - AREA A

1 / S100 SCALE: 1/8" = 1'-0"

NOTES:

1. T/SLAB ELEVATION (-11' - 6") BELOW REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DATUM.
2. ELEVATIONS NOTED AS (-XX' - XX") ARE WITH RESPECT TO (0' - 0").
3. T/EXTERIOR FOOTING (-15' - 0") TYPICAL UNLESS NOTED OTHERWISE. T/INTERIOR FOOTING (-13' - 0") TYPICAL UNLESS NOTED OTHERWISE. F__ - INDICATES FOOTING TYPE. SEE S100 FOR FOOTING SCHEDULE.
4. T/WALL ELEVATION (0" - 0") TYPICAL UNLESS NOTED OTHERWISE.
5. T/PIER ELEVATION (-0' - 8") TYPICAL UNLESS NOTED OTHERWISE. P__ - INDICATES PIER TYPE. SEE S300 FOR PIER DETAILS.
6. BP__ - INDICATES COLUMN BASE PLATE. SEE S500 FOR DETAILS.
7. FD__ - INDICATES FLOOR DRAIN. COORDINATE LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
8. WCJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION; ALIGN WITH MASONRY VENEER AND/OR BACKUP WALL CONTROL JOINTS AND PRECAST CONCRETE WALL PANEL JOINTS. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
9. SEE 1 / S300 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
10. SEE 4 / S300 AND 5 / S300 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
11. THICKEN SLAB UNDER CMU WALLS AND STAIRS STRINGERS AS SHOWN IN 2 / S300 AND 3 / S300. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
12. DRILL AND ADHESIVE ANCHOR WALL AND FOOTING REINFORCING INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING). SEE S301 FOR DETAILS.
13. SLEEVE OPENINGS THROUGH WALLS AND SLABS AT PIPING AND CONDUIT; DO NOT CORE. COORDINATE SLEEVE SIZES, QUANTITIES, AND LOCATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOT ALL LOCATIONS ARE SHOWN IN THE STRUCTURAL DRAWINGS.
14. SEE 10 / S300 WHERE WALL OPENING INTERRUPTS TWO OR LESS VERTICAL OR HORIZONTAL WALL REINFORCING.
15. PROVIDE (1)#4x4' - 0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLAB ON GRADE.
16. SEE S001 AND S002 FOR ADDITIONAL NOTES.
17. SEE S100 FOR FOUNDATION LEGEND.

FOUNDATION LEGEND

LO / HI	- INDICATES FOOTING STEP LOCATION AND T/FOOTING ELEVATION. SEE DETAIL 12 / S300.
LO / HI	- INDICATES WALL STEP LOCATION AND T/WALL ELEVATION.
	- INDICATES SLAB OVERPOURS WALL. T/WALL IS 8 INCHES BELOW T/SLAB TYPICAL, UNLESS NOTED OTHERWISE. SEE FOUNDATION DETAILS AND COORDINATE WITH ARCHITECTURAL DRAWINGS.

COLUMN FOOTING SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
F4	4' - 0" x 4' - 0" x 1' - 6"	(6)#5 EW, BOTTOM	
F5	5' - 0" x 5' - 0" x 1' - 6"	(7)#5 EW, BOTTOM	
F6	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, BOTTOM	
F6A	6' - 0" x 6' - 0" x 1' - 6"	(8)#5 EW, TOP AND BOTTOM	
F65	6' - 6" x 6' - 6" x 1' - 6"	(9)#5 EW, BOTTOM	
F7	7' - 0" x 7' - 0" x 1' - 6"	(9)#5 EW, BOTTOM	
F8	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, BOTTOM	
F8A	8' - 0" x 8' - 0" x 1' - 6"	(11)#5 EW, TOP AND BOTTOM	
F85	8' - 6" x 8' - 6" x 1' - 6"	(11)#5 EW, BOTTOM	
F9	9' - 0" x 9' - 0" x 1' - 6"	(12)#5 EW, BOTTOM	
F9A	9' - 0" x 9' - 0" x 2' - 0"	(12)#7 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F10	10' - 0" x 9' - 0" x 1' - 6"	(8)#7 EW, TOP AND BOTTOM	
F105	10' - 6" x 10' - 6" x 1' - 6"	(11)#6 EW, TOP AND BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK
F11	11' - 0" x 11' - 0" x 2' - 0"	(13)#7 EW TOP, (18) #7 EW BOTTOM	TOP BARS W/ ACI STD 90 DEG HOOK

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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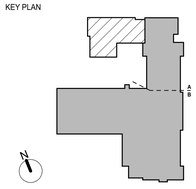
KEY PLAN



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MEMASI PROJECT NO. 101 - 2403

BASEMENT FOUNDATION PLAN - AREA A

S100

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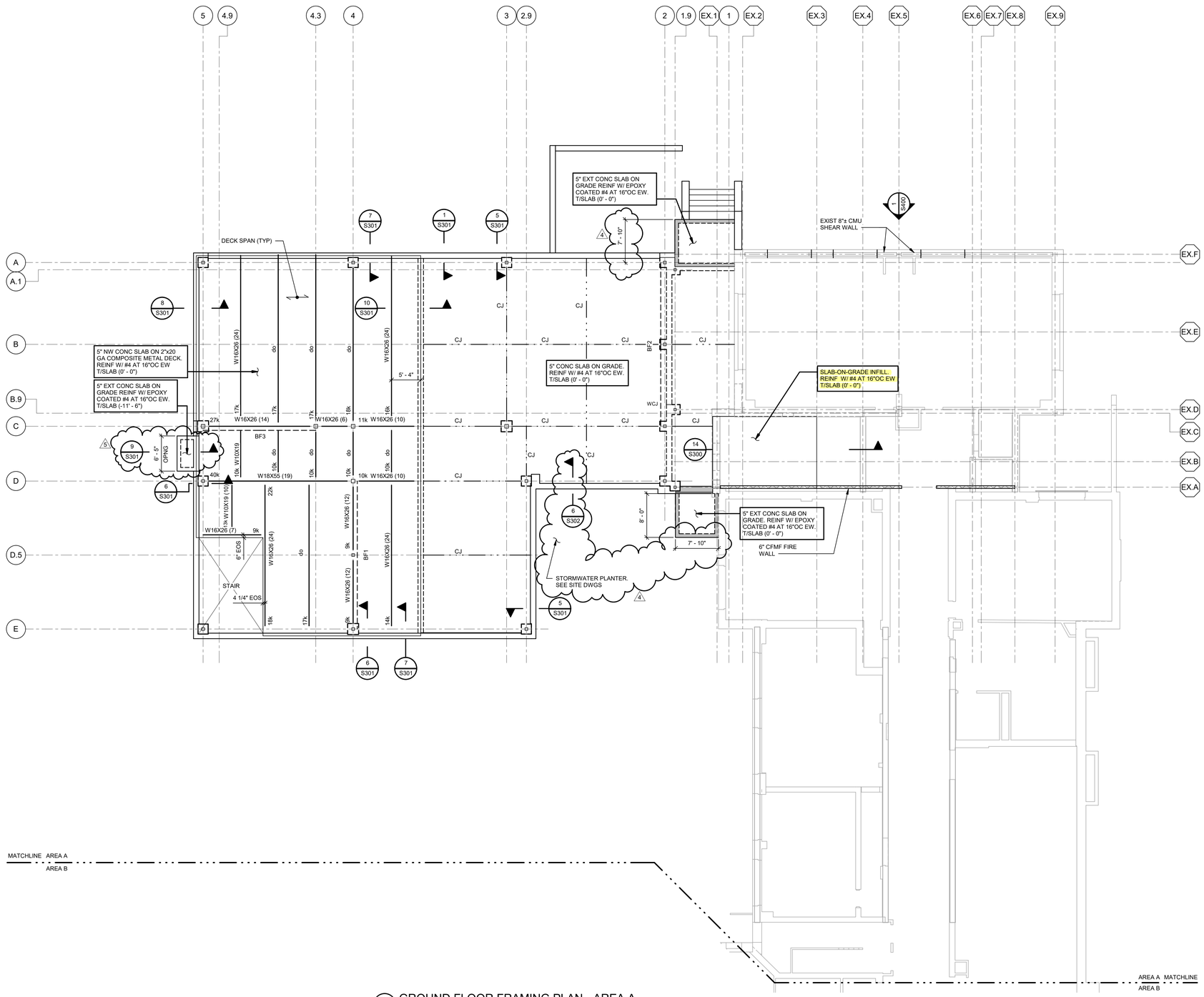

1 S101 GROUND FLOOR FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:

1. T/SLAB ELEVATION (138' - 3"±) EQUALS REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL DATUM.
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0' - 0").
3. T/STEEL (B/DECK) ELEVATION (0' - 5") BELOW REFERENCE ELEVATION (0' - 0") UNLESS NOTED OTHERWISE.
4. EQUALLY SPACE FLOOR BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
5. BF - INDICATES STEEL BRACING FRAME. SEE S500 FOR SCHEMATICS AND DETAILS.
6. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
7. SEE 11/S500 AND 6/S300 FOR COMPOSITE SLAB AND CONSTRUCTION JOINT DETAILS.
8. SLAB ON METAL DECK HAS BEEN DESIGNED WITH A MAXIMUM UNSHORED SPAN OF 8' - 0" USING A MINIMUM OF A 2-SPAN CONDITION. SINGLE SPAN DECK IS NOT PERMITTED UNLESS NOTED IN PLAN. PROVIDE MINIMUM DECK GAUGE SHOWN AND VERIFY UNSHORED SPAN PRIOR TO SUBMITTING SHOP DRAWINGS.
9. SEE 1/S401 FOR MASONRY WALL REINFORCING REQUIREMENTS.
10. SEE 4/S300 AND 5/S300 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
11. THICKEN SLAB UNDER CMU WALLS AND STAIRS STRINGERS AS SHOWN IN 2/S300 AND 3/S300. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
12. PROVIDE (1) #4x4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLAB ON GRADE.
13. SEE S001 AND S002 FOR ADDITIONAL NOTES.
14. SEE S002 FOR STEEL BEAM LEGEND.
15. SEE S100 FOR FOUNDATION PLAN LEGEND.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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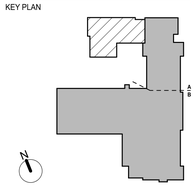

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GROUND FLOOR FRAMING PLAN - AREA A

S101

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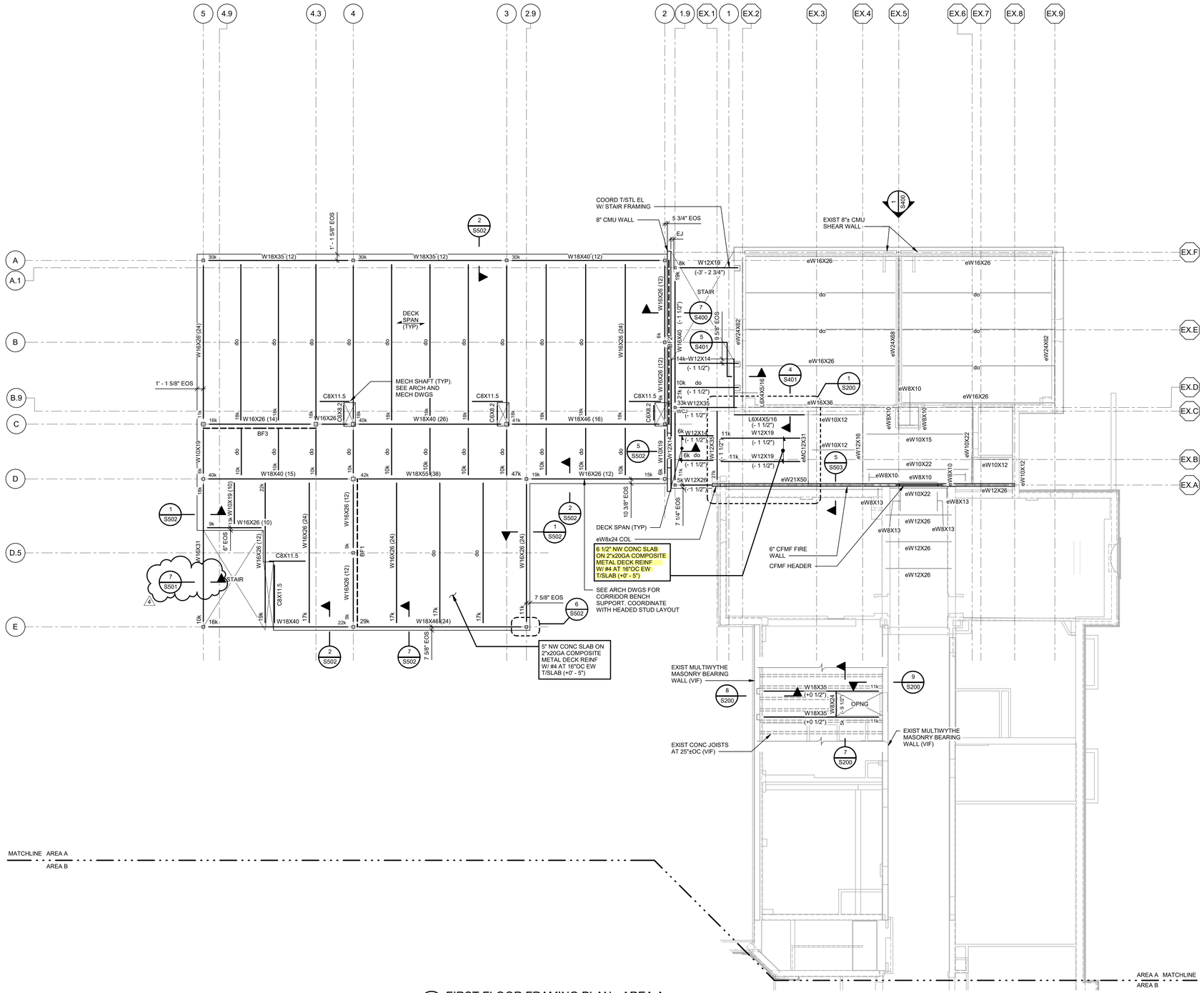

1 S102 FIRST FLOOR FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:

1. T/STEEL (B/DECK) ELEVATION (+11' - 6"±) ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED ( ) ARE WITH RESPECT TO ELEVATION (+11' - 6").
3. EQUALLY SPACE FLOOR BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
4. BF__ - INDICATES STEEL BRACING FRAME. SEE S500 FOR SCHEMATICS AND DETAILS.
5. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
6. EOS – INDICATES EDGE OF SLAB.
7. SEE 11/S500 AND 6/S300 FOR COMPOSITE SLAB AND CONSTRUCTION JOINT DETAILS.
8. SLAB ON METAL DECK HAS BEEN DESIGNED WITH A MAXIMUM UNSHORED SPAN OF 8' - 0" USING A MINIMUM OF A 2-SPAN CONDITION. SINGLE PLAN DECK IS NOT PERMITTED UNLESS NOTED IN PLAN. PROVIDE MINIMUM DECK GAUGE SHOWN AND VERIFY UNSHORED SPAN PRIOR TO SUBMITTING SHOP DRAWINGS.
9. SEE 1/S400 FOR MASONRY WALL REINFORCING REQUIREMENTS.
10. COORDINATE FLOOR OPENING SIZE AND LOCATIONS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. SEE 1/SS01 FOR DETAIL.
11. SEE S001 AND S002 FOR ADDITIONAL NOTES.
12. SEE S002 FOR STEEL BEAM LEGEND.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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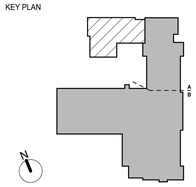

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FIRST FLOOR FRAMING PLAN - AREA A

S102

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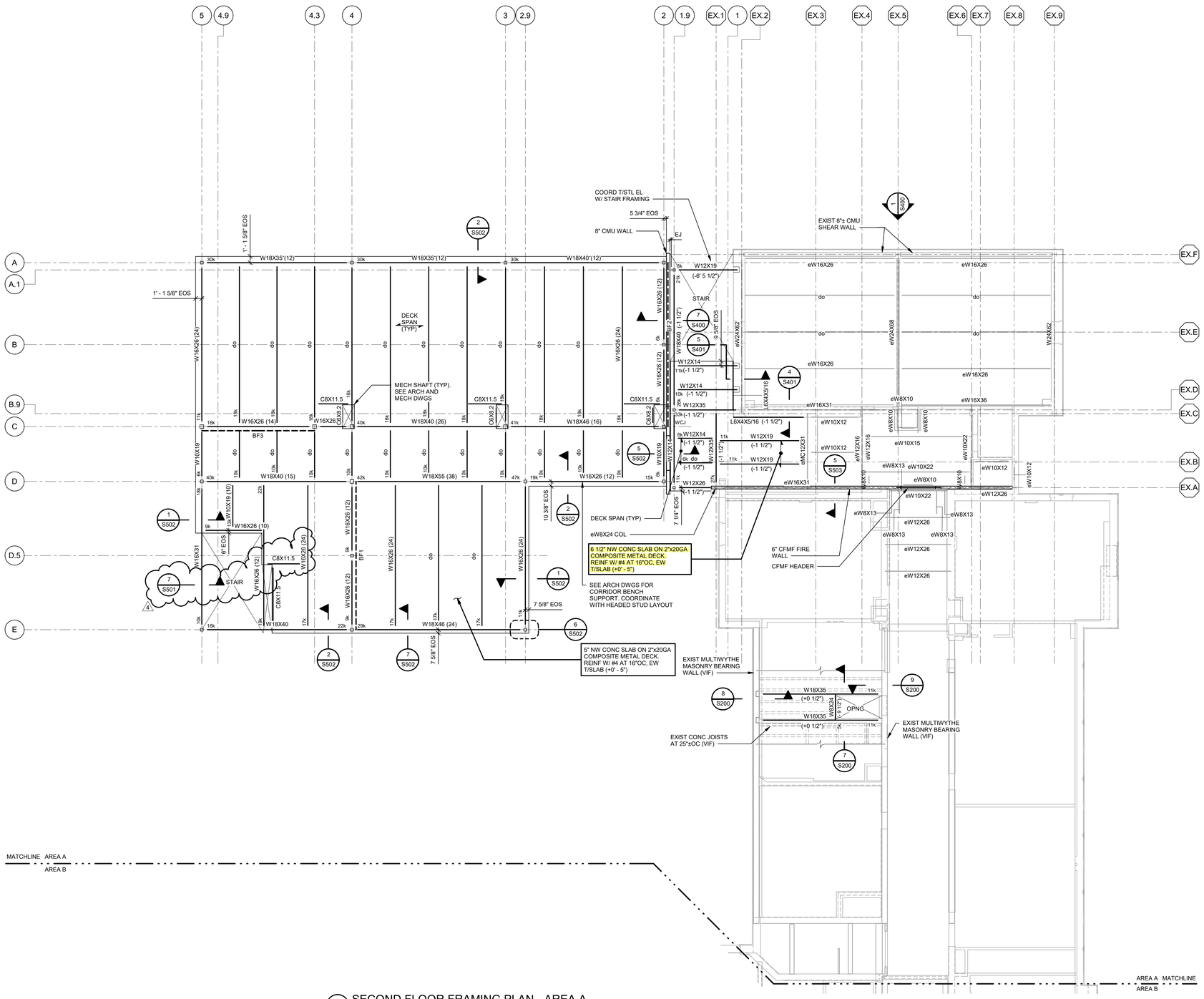

SECOND FLOOR FRAMING PLAN - AREA A

SCALE: 1/8" = 1'-0"

NOTES:

1. T/STEEL (B/DECK) ELEVATION (+24' - 11"±) ABOVE REFERENCE ELEVATION (0' - 0"), UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED ( ) ARE WITH RESPECT TO ELEVATION (+24' - 11").
3. EQUALLY SPACE FLOOR BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
4. BF___ - INDICATES STEEL BRACING FRAME. SEE S500 FOR SCHEMATICS AND DETAILS.
5. SEE 12/S500 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
6. EOS - INDICATES EDGE OF SLAB.
7. SEE 11/S500 AND 6/S300 FOR COMPOSITE SLAB AND CONSTRUCTION JOINT DETAILS.
8. SLAB ON METAL DECK HAS BEEN DESIGNED WITH A MAXIMUM UNSHORED SPAN OF 8' - 0" USING A MINIMUM OF A 2-SPAN CONDITION. SINGLE PLAN DECK IS NOT PERMITTED UNLESS NOTED IN PLAN. PROVIDE MINIMUM DECK GAUGE SHOWN AND VERIFY UNSHORED SPAN PRIOR TO SUBMITTING SHOP DRAWINGS.
9. SEE 1/S400 FOR MASONRY WALL REINFORCING REQUIREMENTS.
10. COORDINATE FLOOR OPENING SIZE AND LOCATIONS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. SEE 1/S501 FOR DETAIL.
11. SEE S001 AND S002 FOR ADDITIONAL NOTES.
12. SEE S002 FOR STEEL BEAM LEGEND.

PUBLIC SCHOOLS OF THE TARRYTOWNS

2024 CAPITAL BOND PROJECT - PHASE 2

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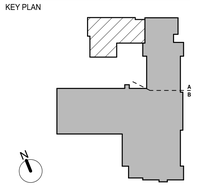

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SECOND FLOOR FRAMING PLAN - AREA A

S103

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2024 CAPITAL BOND PROJECT - PHASE 2

WASHINGTON IRVING INTERMEDIATE SCHOOL

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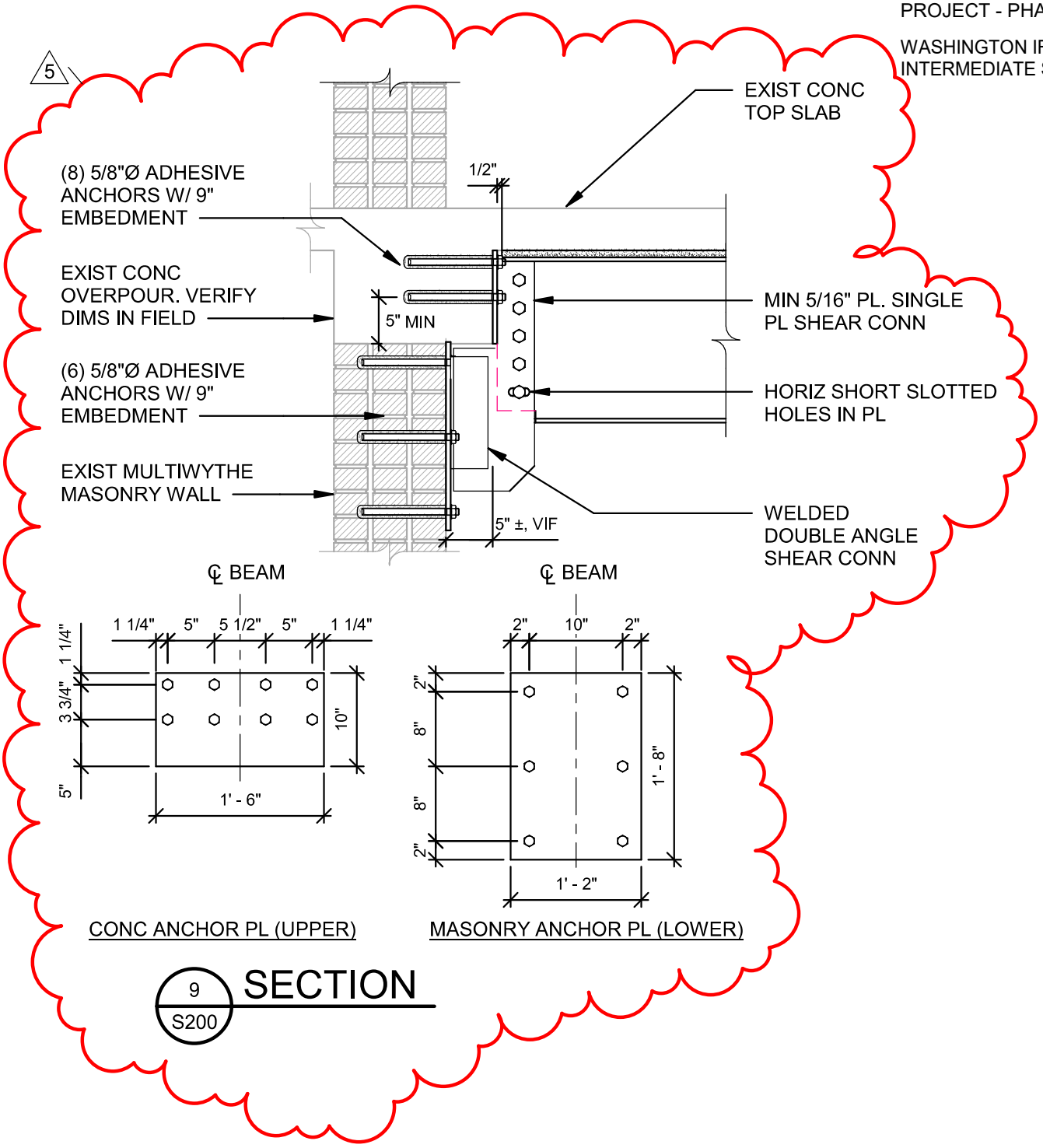

9 / S200 SECTION

ISSUE	DATE
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PARTIAL PLANS AND DETAILS

S200

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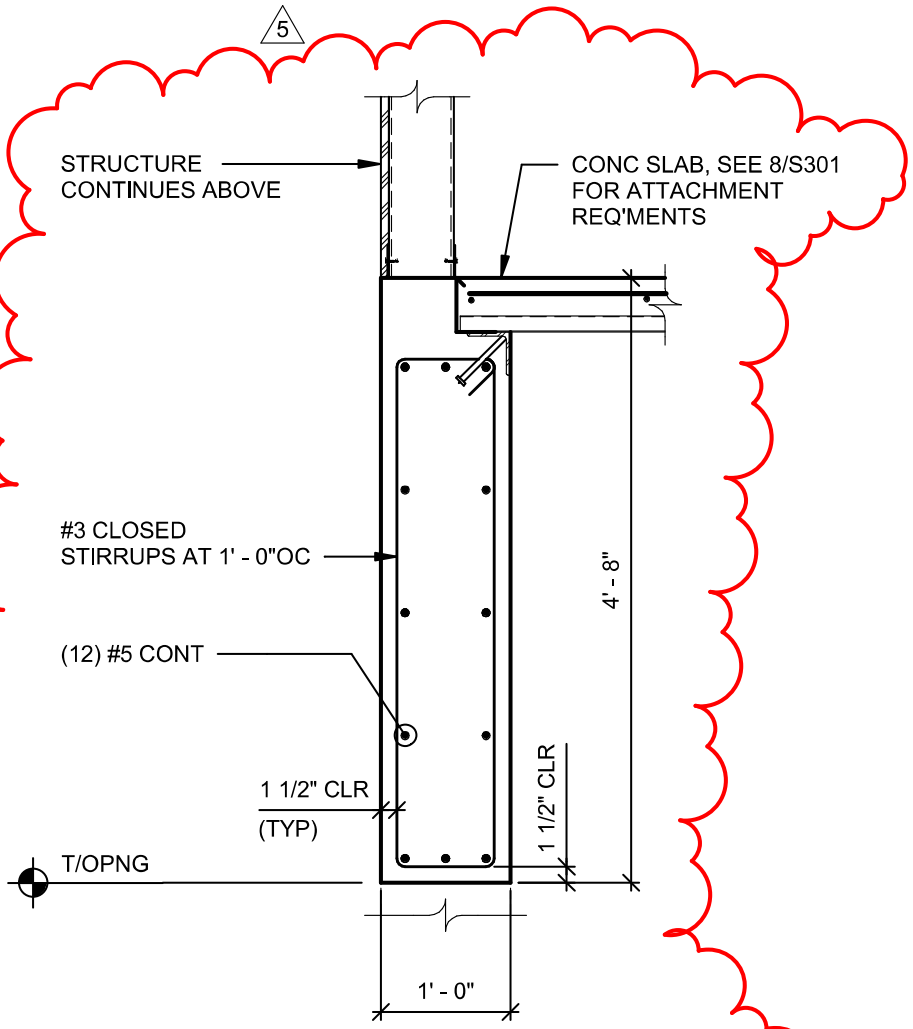

9 / S301 SECTION AT WALL OPENING

NOTES:
1. SEE PLAN FOR BEAM DIMENSIONS.
2. PROVIDE ADDITIONAL WALL REINFORCEMENT AS DETAILED IN "REINFORCEMENT AT WALL OPENING". SEE S300.
3. STIRRUPS ARE FULL LENGTH OF THE BEAM AT THE SPACING SPECIFIED. MAXIMUM DISTANCE FOR FIRST STIRRUP FROM EACH END OF THE BEAM SHALL BE 3 INCHES MAXIMUM.

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CONCRETE SECTIONS AND DETAILS

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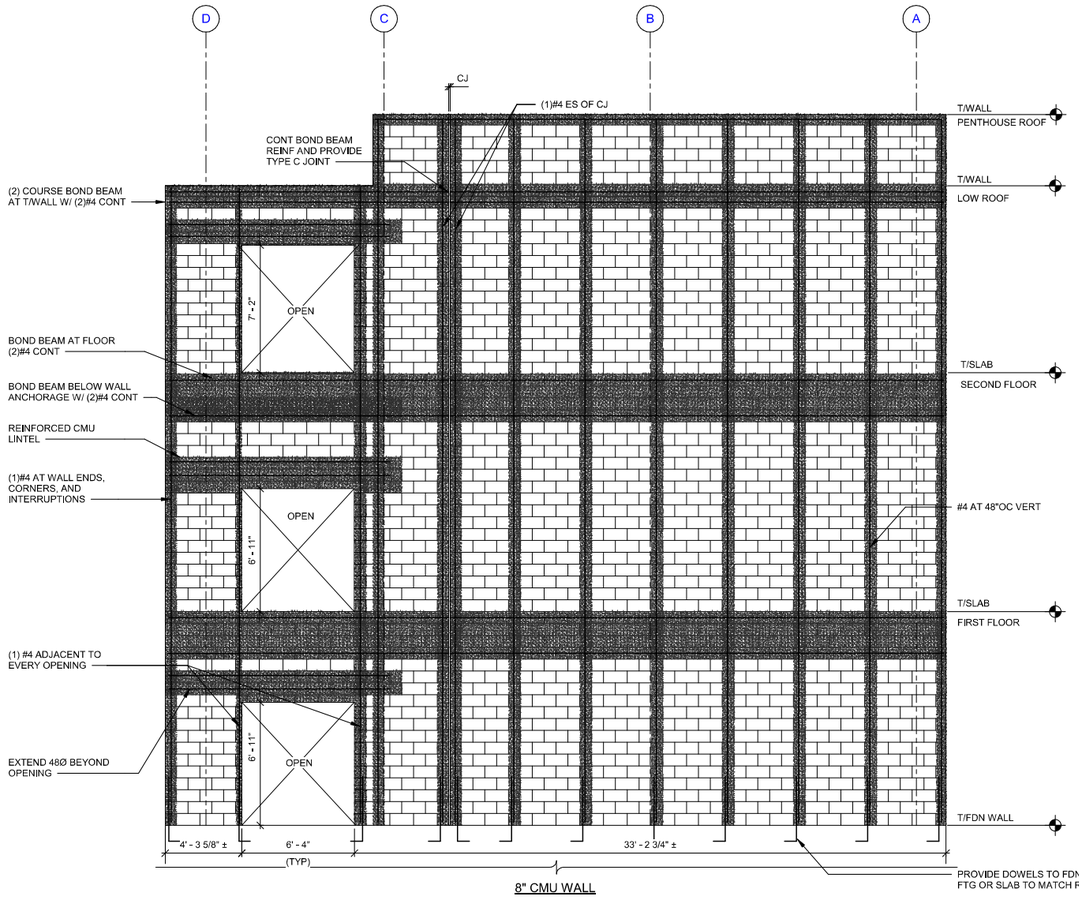
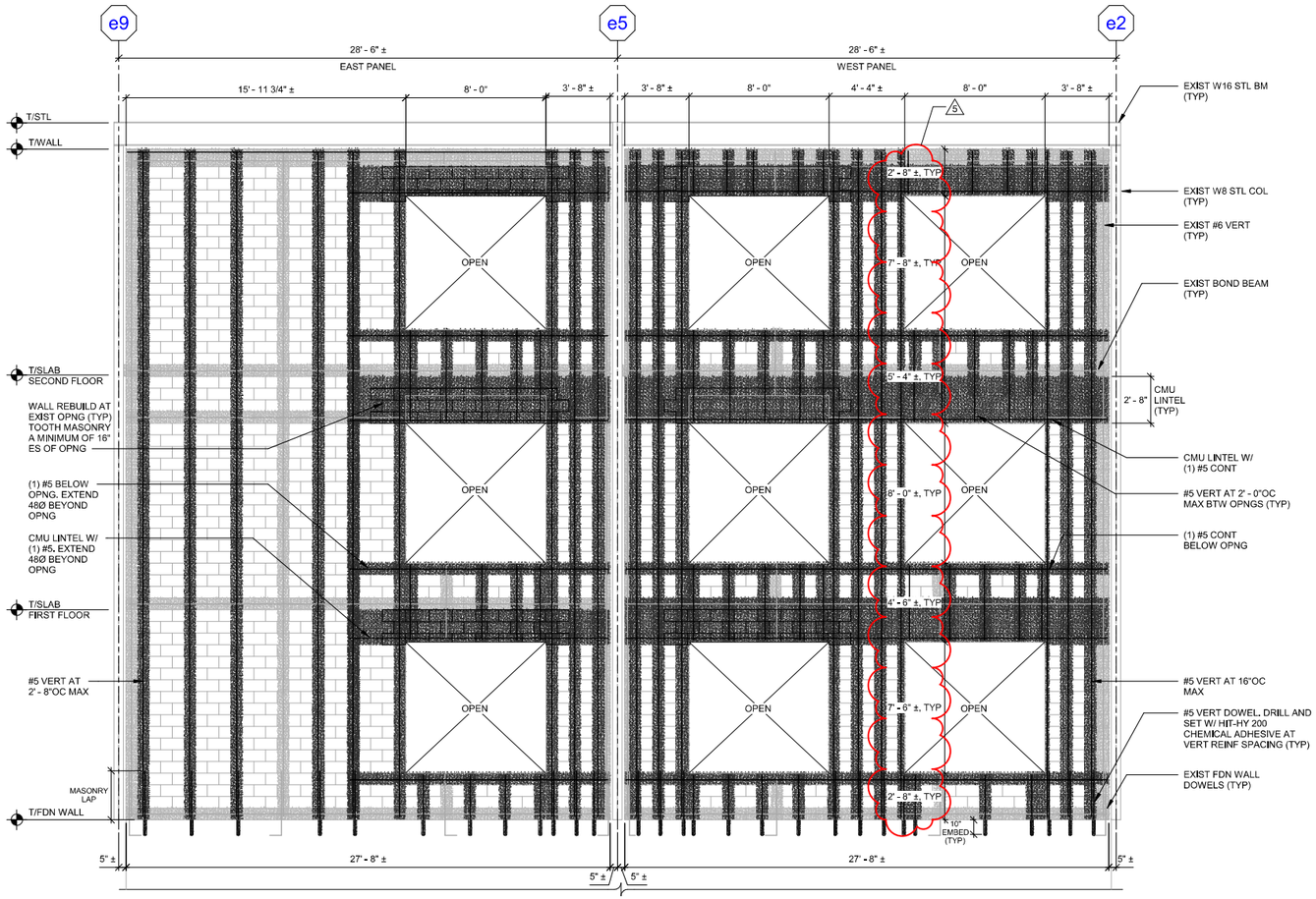


8" CMU WALL



1997 BUILDING NORTH SHEAR WALL (EXISTING LINE F)

1 / S400 MASONRY WALL REINFORCING ELEVATIONS

NOTES:

1. REINFORCING SHOWN IS TYPICAL UNLESS NOTED.
2. LAP REINFORCING BARS AS INDICATED IN THE MASONRY NOTES ON S002.
3. PROVIDE (2) W1.7 MINIMUM LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16"OC AND AT TOP TWO COURSES UNLESS NOTED OTHERWISE.
4. AT INTERIOR PARTITIONS, WHERE NO FOUNDATION WALL IS PRESENT, PROVIDE (1) #4 CONTINUOUS IN SLAB (TYPICAL).
5. AT INTERIOR, NON-LOAD BEARING PARTITIONS, TOP OF PARTITION SHALL BE 1" MINIMUM BELOW FRAMING MEMBERS, SLABS, PLANK, OR DECK TO ALLOW FOR DEFLECTION OF STRUCTURE ABOVE. BRACE TOP OF PARTITION.
6. OPENINGS ARE NOT PERMITTED IN FIRE WALLS AND SHEAR WALLS EXCEPT WHERE SHOWN ON THE STRUCTURAL DRAWINGS.
7. SEE 3/S400 FOR REINFORCING EXISTING CMU WALL.
8. COORDINATE EXISTING OPENINGS, INFILLS AND PROPOSED MASONRY OPENING WITH ARCHITECTURAL DRAWINGS.
9. PROVIDE PENETRATIONS PER MECHANICAL DRAWINGS WITH STEEL LINTELS. LINTELS SHALL BE AS NOTED ON 3/S401.

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