

# BEDFORD CENTRAL DISTRICT

## DISTRICT ADMINISTRATION OFFICES

632 SOUTH BEDFORD ROAD, BEDFORD, NY 10506

# PHASE 2 - BOND IMPROVEMENTS

## AT

## FOX LANE HIGH SCHOOL

632 SOUTH BEDFORD ROAD,  
BEDFORD, NY 10506  
SED No.: 66-01-02-06-0-003-024 (23-131a)

## FOX LANE MIDDLE SCHOOL

SOUTH BEDFORD ROAD  
BEDFORD, NY 10506  
SED No.: 66-01-02-06-0-007-013 (23-131b)

## ADMINISTRATION BUILDING

632 SOUTH BEDFORD ROAD  
BEDFORD, NY 10506  
SED No.: 66-01-02-06-1-008-014 (23-131c)

### FOX LANE HIGH SCHOOL

CIP0.01 SITE PLAN - CONTRACTOR ACCESS and TEMPORARY FACILITIES  
CIP0.02 CONSTRUCTION IMPLEMENTATION PLANS

CIVIL	
CS0.01	TOPOGRAPHIC SURVEY
CS2.01	SITE ALIGNMENT and SCHEDULE PLAN
CS2.02	SITE PLAN - FIELD No. 4 RESTROOM BUILDING
CS6.01	SITE DETAILS
CS6.02	SITE DETAILS
CS6.03	SITE DETAILS
CS6.04	SITE DETAILS

### ARCHITECTURAL

A0.01	FIRST FLOOR CODE COMPLIANCE KEY PLAN
A0.02	BASEMENT CODE COMPLIANCE KEY PLAN
A0.03	SECOND FLOOR CODE COMPLIANCE KEY PLAN
A1.01	DEMOLITION PLAN - AREA 'A'
A1.02	DEMOLITION PLAN - AREA 'B'
A1.03	DEMOLITION PLAN - AREA 'C'
A1.04	DEMOLITION ROOF PLAN - AREA 'A' and AREA 'B'
A1.05	DEMOLITION ROOF PLAN - AREA 'C'
A1.06	DEMOLITION SECTIONS
A1.07	DEMOLITION SECTIONS
A1.08	DEMOLITION DETAILS
A2.00	PARTITION TYPES
A2.01	PROPOSED PLAN - AREA 'A'
A2.02	PROPOSED PLAN - AREA 'B'
A2.03	PROPOSED PLAN - AREA 'C'
A2.04	PLAN DETAILS
A2.05	PLAN DETAILS
A3.01	ROOF PLAN - AREA 'A' and AREA 'B'
A3.02	ROOF PLAN - AREA 'C'
A3.03	ROOF DETAILS
A5.01	BUILDING SECTIONS
A5.02	BUILDING SECTIONS
A6.01	WALL SECTIONS and DETAILS
A6.02	WALL SECTIONS and DETAILS
A6.03	WALL SECTIONS and DETAILS
A6.04	WALL SECTIONS and DETAILS
A7.01	ENLARGED STAIR PLAN and DETAILS
A8.01	DOOR SCHEDULE
A8.02	DOOR SCHEDULE and STOREFRONT ELEVATIONS
A8.03	DOOR DETAILS
A8.04	DOOR DETAILS
A8.05	VISION-LITE ELEVATIONS and DETAILS
A9.00	FINISH SCHEDULE
A9.01	FINISH FLOOR PLAN - AREA 'A'
A9.02	FINISH FLOOR PLAN - AREA 'B'
A9.03	FINISH FLOOR PLAN - AREA 'C'
A9.04	INTERIOR ELEVATIONS
A9.05	INTERIOR ELEVATIONS
A9.06	INTERIOR ELEVATIONS
A9.07	FINISH DETAILS
A10.01	REFLECTED CEILING PLAN - AREA 'A'
A10.02	REFLECTED CEILING PLAN - AREA 'B'
A10.03	REFLECTED CEILING PLAN - AREA 'C'
A10.04	CEILING DETAILS
A10.05	CEILING DETAILS
A11.01	ENLARGED TOILET ROOM PLANS and DETAILS
A11.02	ENLARGED LOCKER ROOM PLANS and DETAILS
A11.03	ENLARGED LOCKER ROOM PLANS and DETAILS
A11.04	CASEWORK and FURNITURE PLAN
A11.05	CASEWORK ELEVATIONS
A11.06	FITNESS CENTER PLAN and ELEVATIONS
A12.01	MISCELLANEOUS DETAILS

STRUCTURAL	
S0.01	DESIGN DATA and GENERAL NOTES
S0.02	GENERAL NOTES, SCHEDULES and DETAILS
S0.03	SPECIAL INSPECTION NOTES and SCHEDULE
S1.00	PARTIAL ROOF FRAMING PLAN at LIBRARY
S1.01	PARTIAL ROOF FRAMING PLAN - AREAS 'A', 'B', 'C'
S1.02	PARTIAL ROOF FRAMING PLAN - AREA 'A'
S1.03	STAIR FOUNDATION and FRAMING PLANS - SECTIONS and DETAILS
S3.00	FOUNDATION SECTIONS and DETAILS

### FOX LANE HIGH SCHOOL (CONT.)

MECHANICAL	
M0.01	GENERAL NOTES, SYMBOLS and LEGENDS
M1.01	FIRST FLOOR DUCT WORK and EQUIPMENT DEMOLITION PLAN - AREA 'A'
M1.02	BASEMENT HYDRONIC PIPING DEMOLITION PLAN - AREA 'A'
M1.03	FIRST FLOOR DUCT WORK and EQUIPMENT DEMOLITION PLAN - AREA 'B'
M1.04	FIRST FLOOR HYDRONIC PIPING DEMOLITION PLAN - AREA 'B'
M1.05	ROOF DEMOLITION PLAN - AREAS 'A' and 'B'
M1.06	BASEMENT DUCT WORK and EQUIPMENT DEMOLITION PLAN - AREA 'C'
M1.07	BASEMENT HYDRONIC PIPING DEMOLITION PLAN - AREA 'C'
M1.08	FIRST FLOOR DUCT WORK and EQUIPMENT DEMOLITION PLAN - AREA 'C'
M1.09	ROOF DEMOLITION PLAN - AREA 'C'
M2.01	FIRST FLOOR DUCT WORK LAYOUT PLAN - AREA 'A'
M2.02	FIRST FLOOR HYDRONIC PIPING PLAN - AREA 'A'
M2.03	FIRST FLOOR VRF and CONDENSATE PIPING PLAN - AREAS 'A' and 'B'
M2.04	FIRST FLOOR DUCT WORK LAYOUT PLAN - AREA 'B'
M2.05	FIRST FLOOR HYDRONIC PIPING PLAN - AREA 'B'
M2.06	FIRST FLOOR VRF and CONDENSATE PIPING PLAN - AREA 'B'
M2.07	FIRST FLOOR DUCT WORK LAYOUT PLAN - AREAS 'A' and 'B'
M2.08	BASEMENT DUCT WORK LAYOUT PLAN - AREA 'C'
M2.09	BASEMENT HYDRONIC PIPING PLAN - AREA 'C'
M2.10	FIRST FLOOR DUCT WORK LAYOUT PLAN - AREA 'C'
M2.11	FIRST FLOOR HYDRONIC PIPING PLAN - AREA 'C'
M2.12	ROOF PLAN - AREA 'C'
M6.01	MECHANICAL DETAILS
M6.02	ROOFTOP UNIT and DOAS UNIT SCHEDULES and DETAILS
M6.03	ROOFTOP UNIT SCHEDULES and DETAILS
M6.04	ROOFTOP UNIT SCHEDULES and DETAILS
M6.05	HOT WATER COIL SCHEDULES
M6.06	HEATING and VENTILATING SCHEDULES
M6.07	CABINET HEATER and UNIT HEATER SCHEDULES and DETAILS
M6.08	FIN TUBE and ELECTRIC CABINET HEATER SCHEDULES and DETAILS
M6.09	OUTDOOR AIR DEMAND CALCULATIONS
M6.10	GRILLE SCHEDULES
M6.11	VRF SYSTEMS, PIPING SCHEMATICS, SCHEDULES and DETAILS
M6.12	VRF SYSTEMS, EQUIPMENT and CUT SHEETS

PLUMBING	
P0.01	GENERAL NOTES, LEGENDS, ETC.
P1.01	DOMESTIC WATER DEMOLITION PLANS
P1.02	SANITARY WASTE, VENT and STORM WATER DEMOLITION PLANS
P2.01	PROPOSED DOMESTIC WATER PIPING PLANS
P2.02	PROPOSED SANITARY, VENT and STORM WATER PLANS
P6.01	SCHEDULES and DETAILS

ELECTRICAL	
E0.01	GENERAL NOTES, LEGENDS and ABBREVIATIONS
E0.02	SWITCHGEAR, PANELS and RISER DIAGRAMS
E1.01	DEMOLITION PLAN - AREA 'A'
E1.02	DEMOLITION PLAN - AREA 'B'
E1.03	DEMOLITION PLAN - AREA 'C'
E1.04	DEMOLITION PLAN - AREAS 'A', 'B', 'C'
E2.01	SITE PLAN - FIELD #4 RESTROOM BUILDING
E3.01	PROPOSED LIGHTING PLAN - AREA 'A'
E3.02	PROPOSED LIGHTING PLAN - AREA 'B'
E3.03	PROPOSED LIGHTING PLAN - AREA 'C'
E4.01	PROPOSED POWER PLAN - AREA 'A'
E4.02	PROPOSED POWER PLAN - AREA 'B'
E4.03	PROPOSED POWER PLAN - AREA 'C'
E4.04	PROPOSED MECHANICAL POWER PLAN - AREA 'A'
E4.05	PROPOSED MECHANICAL POWER PLAN - AREA 'B'
E4.06	PROPOSED MECHANICAL POWER PLAN - AREA 'C'
E4.07	PROPOSED MECHANICAL POWER PLAN - ROOF AREAS 'A' and 'B'
E4.08	PROPOSED MECHANICAL POWER PLAN - ROOF AREA 'C'
E4.09	PROPOSED MECHANICAL POWER PLAN - BASEMENT AREA 'C'
E4.10	PROPOSED SMOKE DAMPER POWER PLAN - AREA 'A'
E5.01	PROPOSED SPECIAL SYSTEMS PLAN - AREA 'A'
E5.02	PROPOSED SPECIAL SYSTEMS PLAN - AREA 'B'
E5.03	PROPOSED SPECIAL SYSTEMS PLAN - AREA 'C'
E5.04	PROPOSED SPECIAL SYSTEMS ROOF PLAN - AREAS 'A', 'B'
E5.05	PROPOSED SPECIAL SYSTEMS ROOF PLAN - AREA 'A'
E5.06	PROPOSED SPECIAL SYSTEMS BASEMENT PLAN - AREA 'C'
E7.01	DETAILS
E7.02	DETAILS
E8.01	PANEL SCHEDULES
E8.02	PANEL SCHEDULES

TECHNOLOGY	
E9.00	GENERAL NOTES, LEGENDS and ABBREVIATIONS
E9.01	FIRST FLOOR TECHNOLOGY PLANS
E9.02	FIRST FLOOR SECURITY PLANS
E9.03	FIRST FLOOR TECHNOLOGY PLAN - AREA 'C'
E10.01	TECHNOLOGY DETAILS
E10.02	SECURITY DETAILS

### FOX LANE MIDDLE SCHOOL

CIVIL	
CS0.01	TOPOGRAPHIC SURVEY
CS0.02	EROSION and SEDIMENT CONTROL PLAN - NEW ADDITION AREA
CS1.01	EXISTING CONDITIONS and DEMOLITION PLANS
CS1.02	EXISTING CONDITIONS and DEMOLITION PLANS - SOFTBALL PARKING AREA
CS2.01	ALIGNMENT and SCHEDULE PLAN
CS2.02	ALIGNMENT and SCHEDULE PLAN - SOFTBALL PARKING AREA ACCESS
CS2.03	SITE PLAN - SOFTBALL FIELD RESTROOM BUILDING
CS3.01	ENLARGED PLANS - NEW ADDITION and NORTH SIDE SECURITY FENCING
CS3.02	ENLARGED PLANS - COURTYARD AMPITHEATER and WALKWAY RAMP
CS3.03	GRADING, DRAINAGE and SEWER ENLARGEMENT PLANS
CS3.04	GRADING, DRAINAGE ENLARGEMENT PLANS - COURTYARD AMPITHEATER
CA6.01	SITE DETAILS
CS6.02	SITE DETAILS
CS6.03	SITE DETAILS
CS6.04	SITE DETAILS

ARCHITECTURAL	
A0.01	LOWER LEVEL CODE COMPLIANCE KEY PLAN
A0.02	FIRST FLOOR CODE COMPLIANCE KEY PLAN
A0.03	SECOND FLOOR CODE COMPLIANCE KEY PLAN
A0.04	THIRD and FOURTH FLOOR CODE COMPLIANCE KEY PLANS
A1.01	DEMOLITION FLOOR PLANS
A2.00	PARTITION TYPES
A2.01	PROPOSED FLOOR PLANS
A2.02	ENLARGED ADDITION PROPOSED FLOOR PLAN and PLAN DETAILS
A2.03	PLAN DETAILS
A3.01	ROOF PLAN and DETAILS
A3.02	TAPERED INSULATION PLAN
A4.01	EXTERIOR ELEVATIONS
A5.01	BUILDING SECTIONS
A6.01	WALL SECTIONS and DETAILS
A6.02	WALL SECTIONS and DETAILS
A6.03	WALL SECTIONS and DETAILS
A6.04	WALL SECTIONS and DETAILS
A6.05	WALL SECTIONS and DETAILS
A7.01	ENLARGED RAMP and WALKWAY CANOPY PLANS
A7.02	RAMP and CANOPY SECTIONS and DETAILS
A8.01	DOOR SCHEDULE and ELEVATIONS
A8.02	DOOR DETAILS
A9.00	FINISH SCHEDULE and DETAILS
A9.01	FINISH FLOOR PLANS
A10.01	REFLECTED CEILING PLANS
A11.01	ENLARGED TOILET ROOM PLANS and DETAILS
A11.02	CASEWORK PLANS
A11.03	CASEWORK ELEVATIONS
A12.01	MISCELLANEOUS DETAILS

TECHNOLOGY	
E9.00	GENERAL NOTES, LEGENDS and ABBREVIATIONS
E9.01	DATA and SECURITY PLANS
E9.02	TECHNOLOGY PLAN - SECURITY GATE
E10.01	TECHNOLOGY DETAILS
E10.02	SECURITY DETAILS

### ADMINISTRATION BUILDING

CIVIL	
CS0.01	TOPOGRAPHIC SURVEY
CS4.01	SITE SEWER PLAN

ARCHITECTURAL	
A2.00	OVERALL KEY PLAN and PARTITION TYPE DETAILS
A2.01	TOILET ROOM PLANS and DETAILS
A8.01	DOOR SCHEDULE and DETAILS
A9.01	REFLECTED CEILING PLAN and FINISH FLOOR PLAN

MECHANICAL	
M2.01	LOWER LEVEL MECHANICAL PLAN

PLUMBING	
P2.01	TOILET ROOM PLANS and DETAILS
P6.01	PLUMBING DEMOLITION / NEW PLUMBING WORK

ELECTRICAL	
E0.01	GENERAL NOTES, SYMBOLS and ABBREVIATIONS
E1.01	PROPOSED FLOOR PLAN
E6.01	SCHEDULES

STRUCTURAL	
S0.01	DESIGN DATA and GENERAL NOTES
S0.02	DESIGN DATA and GENERAL NOTES
S0.03	SPECIAL INSPECTION NOTES and SCHEDULE
S1.00	FOUNDATION PLAN
S1.01	CANOPY FOUNDATION and ROOF FRAMING PLANS
S2.00	HIGH and LOW ROOF FRAMING PLANS
S3.00	FOUNDATION SECTIONS and DETAILS
S3.01	FOUNDATION SECTIONS, PIER and BASEPLATE DETAILS
S3.02	CANOPY FOUNDATION SECTIONS, PIER and BASEPLATE DETAILS
S4.00	MASONRY ELEVATIONS, SECTIONS and DETAILS
S5.00	STEEL FRAMING SECTIONS and DETAILS
S5.01	STEEL FRAMING SECTIONS and DETAILS
S5.01	STEEL FRAMING SECTIONS and DETAILS

### FOX LANE MIDDLE SCHOOL (CONT.)

MECHANICAL	
M0.01	GENERAL NOTES, LEGENDS, ETC.
M1.01	DEMOLITION PLANS
M2.01	PROPOSED FIRST and SECOND FLOOR PLANS
M2.02	PROPOSED THIRD FLOOR and ROOF PLANS
M6.01	SCHEDULES and DETAILS
M6.02	SCHEDULES and DETAILS
M6.03	SCHEDULES and DETAILS
M6.04	SCHEDULES and DETAILS
M6.05	SCHEDULES and DETAILS

PLUMBING	
P0.01	GENERAL NOTES, LEGENDS, ETC.
P1.01	DEMOLITION PLANS
P2.01	PROPOSED PLANS
P6.01	SCHEDULES and DETAILS

ELECTRICAL	
E0.01	GENERAL NOTES, LEGENDS and ABBREVIATIONS
E0.02	SWITCHGEAR, PANELS and RISER DIAGRAMS
E1.01	DEMOLITION PLANS
E1.02	DEMOLITION PLAN - WALKWAY CANOPY
E2.01	SITE PLAN - SOFTBALL FIELD RESTROOM BUILDING and TRAFFIC GATE
E3.01	PROPOSED LIGHTING PLANS
E3.02	PROPOSED LIGHTING PLAN - WALKWAY CANOPY
E4.01	PROPOSED POWER PLANS
E4.02	PROPOSED POWER PLANS - COURTYARD AMPITHEATER
E4.03	PROPOSED MECHANICAL POWER PLANS
E4.04	PROPOSED ROOF PLANS
E5.01	PROPOSED SPECIAL SYSTEMS PLANS
E7.01	DETAILS
E7.02	DETAILS
E8.01	PANEL SCHEDULES

TECHNOLOGY	
E9.00	GENERAL NOTES, LEGENDS and ABBREVIATIONS
E9.01	DATA and SECURITY PLANS
E9.02	TECHNOLOGY PLAN - SECURITY GATE
E10.01	TECHNOLOGY DETAILS
E10.02	SECURITY DETAILS

ADMINISTRATION BUILDING	
CIVIL	
CS0.01	TOPOGRAPHIC SURVEY
CS4.01	SITE SEWER PLAN

ARCHITECTURAL	
A2.00	OVERALL KEY PLAN and PARTITION TYPE DETAILS
A2.01	TOILET ROOM PLANS and DETAILS
A8.01	DOOR SCHEDULE and DETAILS
A9.01	REFLECTED CEILING PLAN and FINISH FLOOR PLAN

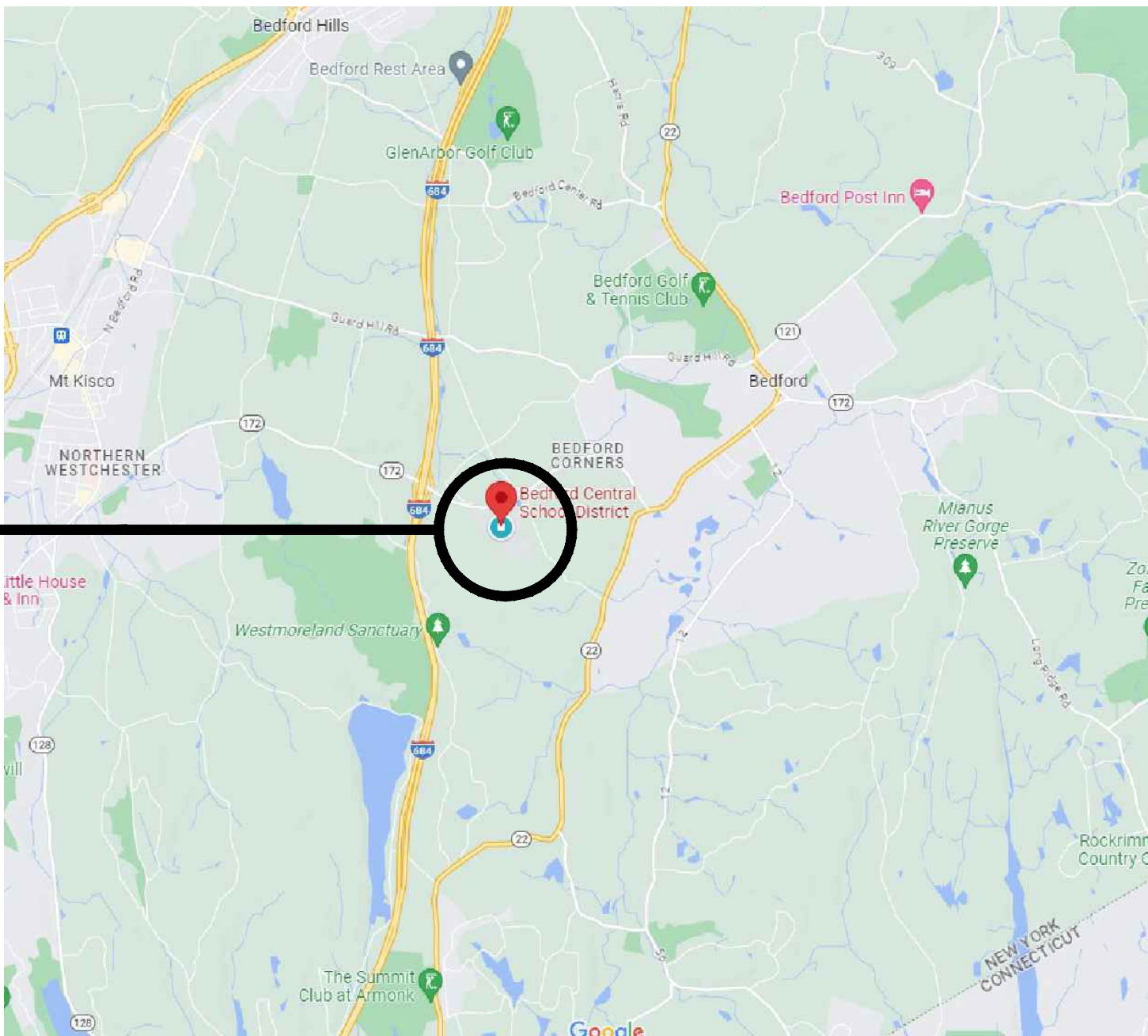
MECHANICAL	
M2.01	LOWER LEVEL MECHANICAL PLAN

PLUMBING	
P2.01	TOILET ROOM PLANS and DETAILS
P6.01	PLUMBING DEMOLITION / NEW PLUMBING WORK

ELECTRICAL	
E0.01	GENERAL NOTES, SYMBOLS and ABBREVIATIONS
E1.01	PROPOSED FLOOR PLAN
E6.01	SCHEDULES

## LOCATION MAP

### PROJECT LOCATION



MAP DATA ©GOOGLE

# BBS ARCHITECTS LANDSCAPE ARCHITECTS ENGINEERS

244 EAST MAIN STREET | PATCHOGUE | NEW YORK 11772 | T. 631.475.0349 | F. 631.475.0361  
100 GREAT OAKS BLVD., SUITE 115 | ALBANY | NEW YORK 12203 | T. 518.621.7650 | F. 518.621.7655

www.BBSARCHITECTURE.COM

ARCHITECTS CERTIFICATION  
THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION, AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, THE CONSTRUCTION STANDARDS OF THE EDUCATION DEPARTMENT, NEW YORK STATE DEPARTMENT OF LABOR RULE 56, EPA AND AHERA REQUIREMENTS.

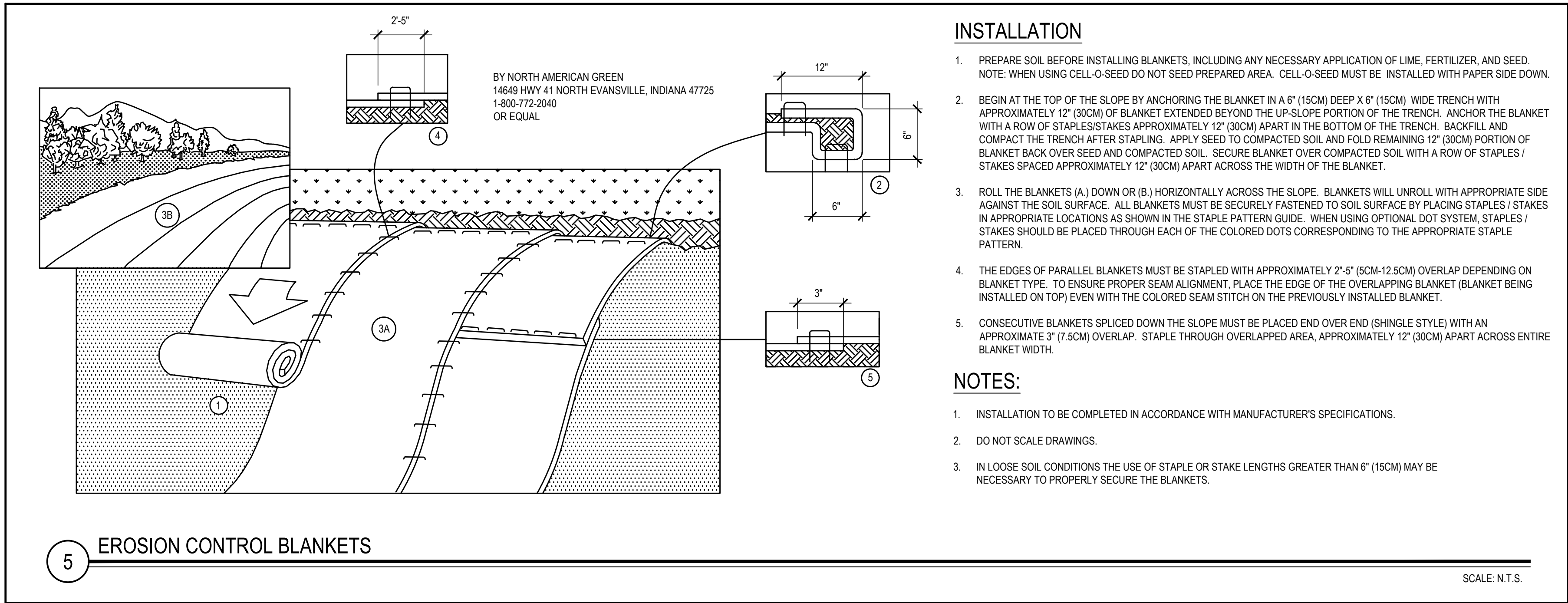
LAWRENCE SALVESEN, A.I.A. LIC. No. 020623

BBS FILE No. 23-131 a-c  
BID PACKAGE No. 1: FEBRUARY 24, 2025













1 EXISTING CONDITIONS & DEMOLITION PLAN

SCALE: 1"=20'-0"

- ### GENERAL NOTES
- EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY BY LINK LAND SURVEYORS, PC, DATED DECEMBER 20, 2022. CONTRACTOR IS REQUIRED TO INSPECT THE SITE PRIOR TO BIDDING. NO ADDITIONAL PAYMENT SHALL BE MADE FOR CONDITIONS NOT SHOWN ON THE PLAN.
  - ALL LAYOUT AND ESTABLISHMENT OF GRADES SHALL BE DONE BY A NYS LICENSED LAND SURVEYOR. PROPOSED GRADES SHALL BE STAKED FOR REVIEW AND ADJUSTMENT BY ENGINEER PRIOR TO START OF EXCAVATION.
  - SEE OIP DRAWING FOR TEMPORARY FENCE, SITE ACCESS, STAGING, AND STOCKPILE REQUIREMENTS.
  - THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) MARKED OUT PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND QUANTITIES OF ALL MATERIALS PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR A DECISION.
  - THE ARCHITECT AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS & METHODS OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTORS EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
  - THE CONTRACTOR SHALL DEFINE AND SECURE A SINGLE ROUTE OF ACCESS ACROSS OWNERS PROPERTY TO AND FROM THE WORK AREAS, WHICH SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO THE START OF ANY WORK. ALL AREAS DAMAGED BY THE USE OF THIS ROUTE OF ACCESS (OR ANY OTHER AREAS) SHALL BE REPAIRED IN KIND BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER. PARKING AREA MUST ALSO BE RESTORED.
  - THE CONTRACTOR SHALL ENCLOSE ALL WORK AREAS AND PROVIDE 6'-0" HIGH INDUSTRIAL CHAIN LINK FENCING W/ GATES (EXACT LOCATION OF FENCING TO BE VERIFIED WITH OWNER AND ARCHITECT). THIS FENCING SHALL BE CONSTRUCTED OF NINE GAUGE GALV. STEEL WIRE W/ 2" GALV. LINE POST & 2" ENDCORNER POST, WITH TOP RAIL & BOTTOM WIRE. PROVIDE TRAFFIC & PEDESTRIAN GATES WITH HARDWARE & LOCKS. ALL FENCING SHALL HAVE A CLOTH WOVEN WINDSCREEN MESH INSTALLED ON THE "SCHOOL" SIDE OF THE FENCE. MESH TO BE DARK GREEN OR BLACK. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THIS FABRIC AND ALL RELATED MATERIALS AFTER CONSTRUCTION.
  - THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS TO PROTECT EXISTING FACILITIES TO REMAIN, INCLUDING PAVEMENTS, UTILITIES, STRUCTURES, TREES, ETC. ANY FACILITIES THAT ARE DAMAGED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RESTORED AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
  - ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.
  - WHERE EXCAVATION IS REQUIRED ADJACENT TO EXISTING TREES, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REMEDIAL WORK, SUCH AS ROOT & TOP PRUNING REQUIRED OR NECESSARY TO PREVENT TREE LOSS. SUCH REPAIR SHALL INCLUDE COMPENSATORY PRUNING AND FERTILIZATION COMPLETED PRIOR TO INSTALL OF THE WORK. CORRECTIVE WORK SHALL BE DONE BY A NYS LIC. ARBORIST.
  - NO STOCKPILING OF CONSTRUCTION MATERIALS SHALL TAKE PLACE UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN.
  - ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AND SHALL BE DISPOSED OF IN A LEGAL MANNER.
  - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, ETC. AS REQUIRED TO PERFORM THE WORK AND FOLLOW ALL EROSION AND SEDIMENT CONTROL PROCEDURES.
  - THE CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL NECESSARY MEASURES TO PREVENT SOIL EROSION, ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK. SEE EROSION AND SEDIMENT CONTROL PLAN FOR FURTHER REQUIREMENTS.

- ### DEMOLITION KEY NOTES
- SITE CONTRACTOR SHALL FIELD VERIFY AND MARK-OUT EXISTING IRRIGATION SYSTEM. RELOCATE VALVE BOXES, MODIFY (CUT, CAP AND RE-ROUTE) SYSTEM ZONES AND RUNS TO CONCLUDE WITH PROPOSED FIELD LOCATION & PROVIDE IRRIGATION TO NATURAL GRASS AREAS.
  - CLEAR AND GRUB EXISTING GRASS. REMOVE EXISTING TOPSOIL TO ITS FULL DEPTH. REMOVE ABANDONED / ENCOUNTERED IRRIGATION PIPING. SUBSOIL MAY BE AMENDED TO MEET SUBGRADE SPECIFICATIONS AND REUSED AS APPROVED BY THE ENGINEER.
  - CLEAN & PROTECT EXISTING DRAINAGE STRUCTURES TO REMAIN.
  - SAWCUT AND REMOVE EXISTING CONCRETE OR ASPHALT PAVEMENT (TOP AND BINDER COURSES) AND BASE. SUITABLE BASE MATERIAL MEETING THE SPECIFICATIONS (AFTER TESTING) MAY BE STOCKPILED ON SITE FOR RE-USE. ALL UNSUITABLE MATERIALS ARE TO BE REMOVED FROM THE SITE.
  - REMOVE TREES & PLANTS INCLUDING ROOTS WHERE SHOWN ON THE PLAN.
  - REMOVE ROCK OUTCROPPINGS TO THE DEPTH OF PROPOSED SUBGRADE.
  - ASPHALT PAVEMENT TO REMAIN & BE PROTECTED DURING CONSTRUCTION.
  - GRASS & TOPSOIL TO REMAIN & BE PROTECTED DURING CONSTRUCTION. LOOSEN TOPSOIL, GRASS SEED & STABILIZE ALL DISTURBED AREAS.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[X]	DEMOLITION NOTE TAG
[---]	REMOVE EXISTING FENCE OR RAILING
[---]	REMOVE EXISTING SEWER LINE
[ ]	PROTECT TREE: TEMPORARY TREE GUARD
[ ]	REMOVE TOPSOIL TO PROPOSED SUBGRADE
[ ]	REMOVE CONCRETE OR ASPHALT PAVEMENT
[X]	REMOVE EXISTING SITE ITEM
[ ]	PROTECT DRAINAGE INLET
[SCE]	STABILIZED CONSTRUCTION ENTRANCE
[ ]	CONSTRUCTION VEHICLE ENTRANCE

LIST OF ABBREVIATIONS			
C/LF	CHAIN LINK FENCE	SC	SITWORK CONTRACTOR
DEMO.	DEMOLITION	TEMP.	TEMPORARY
E	EAST	(TYP.)	TYPICAL
ENC.	ENCLOSURE	W/F	WIDE IN FIELD
EX.	EXISTING	W	WEST
G.C.	GENERAL CONSTRUCTION	WD	WIDE
	CONTRACTOR	&	AND
	LINEAR FEET		
LF	LONG		
LG	LIGHT POLE		
LP	LIGHT POLE		
N	NORTH		
OPN.	OPENING		
S	SOUTH		

REV	DATE	ITEM

NOTICE

KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT

DWG TITLE

DRAWING BY: CTC

CHECK BY: JP

NOTICE

BBS

ARCHITECTS  
LANDSCAPE ARCHITECTS  
ENGINEERS

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SED No.

66-01-02-06-0-007-013

DISTRICT

BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT

PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE

EXISTING CONDITIONS  
and DEMOLITION PLANS

SCALE:

AS NOTED

DATE:

APRIL 2024

BID PICK-UP:

FEBRUARY 24, 2025

FILE No:

23-131b

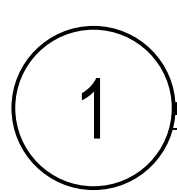
FLMS

CS1.01

OF

J





SCALE: 1"=20'-0"

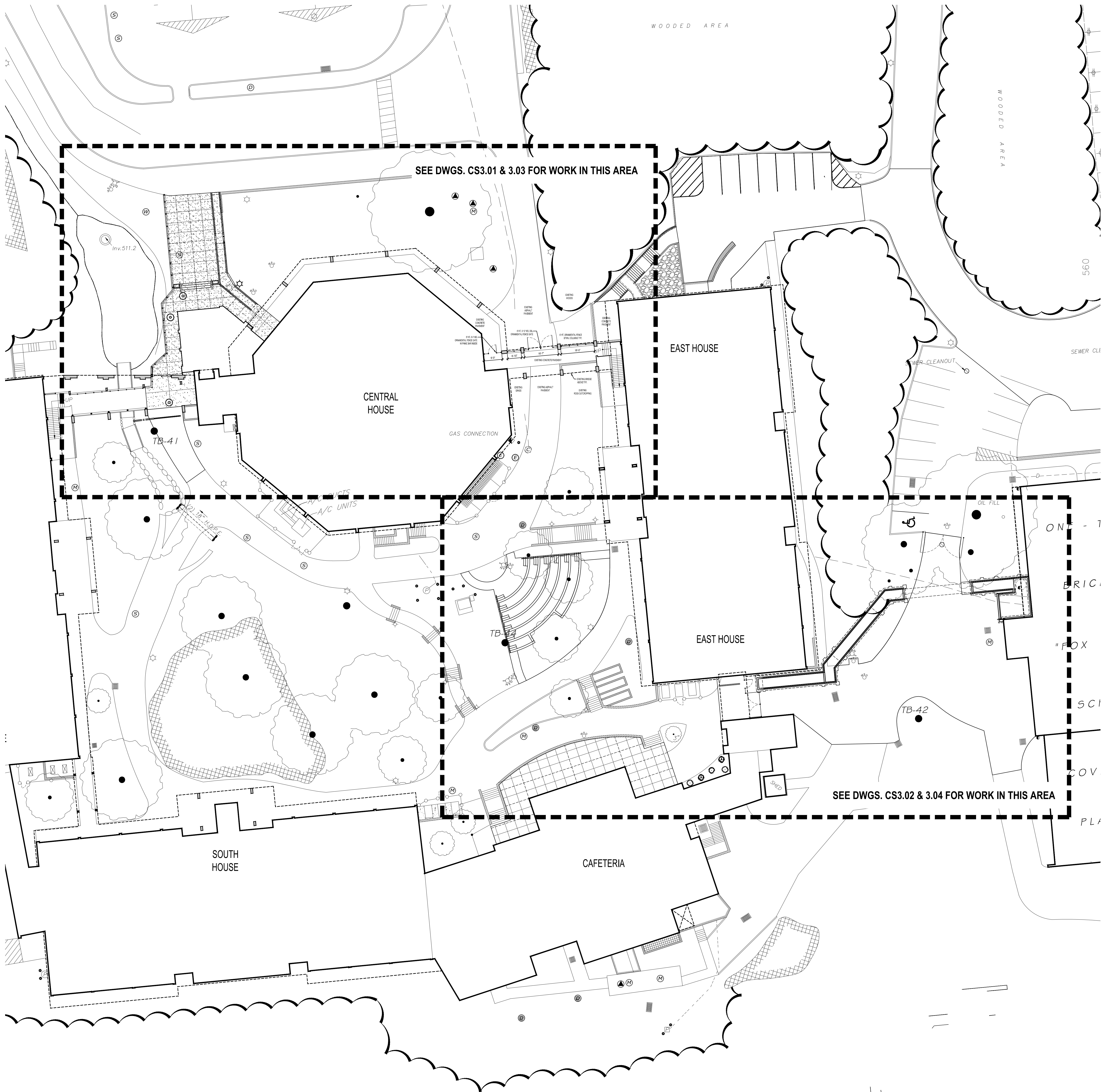
SCALE: 1"=20'-0"

1. EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY BY LINK LAND SURVEYORS, PC, DATED DECEMBER 20, 2022. CONTRACTOR IS REQUIRED TO INSPECT THE SITE PRIOR TO BIDDING. NO ADDITIONAL PAYMENT SHALL BE MADE FOR CONDITIONS NOT SHOWN ON THE PLAN.
2. ALL LAYOUT AND ESTABLISHMENT OF GRADES SHALL BE DONE BY A NYS LICENSED LAND SURVEYOR. PROPOSED GRADES SHALL BE STAKED FOR REVIEW AND ADJUSTMENT BY ENGINEER PRIOR TO START OF EXCAVATION.
3. SEE CP DRAWING FOR TEMPORARY FENCE, SITE ACCESS, STAGING, AND STORAGE REQUIREMENTS.
4. THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) MARKED OUT PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND QUANTITIES OF ALL MATERIALS PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR A DESIGN.
5. THE ARCHITECT AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS & METHODS OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTORS EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL DEFINE AND SECURE A SINGLE ROUTE OF ACCESS ACROSS OWNER'S PROPERTY TO AND FROM THE WORK AREAS, WHICH SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO THE START OF ANY WORK. ALL AREAS DAMAGED BY THE USE OF THIS ROUTE OF ACCESS (OR ANY OTHER AREAS) SHALL BE REPAIRED IN KIND BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER. PARKING AREA MUST ALSO BE RESTORED.
7. THE CONTRACTOR SHALL ENCLOSE ALL WORK AREAS AND PROVIDE 6" HIGH INDUSTRIAL CHAIN LINK FENCING W/ GATES (EXC. LOCATION OF FENCING TO BE VERIFIED WITH OWNER AND ARCHITECT). THIS FENCING SHALL BE CONSTRUCTED OF NINE GAUGE GALV. STEEL W/IR 2" GALV. LINE POST & END CORNER POST. WITH TOP RAIL, A BOTTOM RAIL. PROVIDE TRAFFIC & PEDESTRIAN GATES WITH HARDWARE & LOCKS. ALL FENCING SHALL HAVE A CLOTH-WOVEN, WINDSCREEN MESH INSTALLED ON THE "SCHOOL" SIDE OF THE FENCE. MESH TO BE DARK GREEN OR BLACK. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THIS FABRIC AND ALL RELATED MATERIALS AFTER CONSTRUCTION.
8. THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS TO PROTECT EXISTING FACILITIES TO REMAIN, INCLUDING PLUMBINGS, UTILITIES, STRUCTURES, TREES, ETC. ANY FACILITIES THAT ARE DAMAGED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RESTORED AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
9. ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE OWNER.
10. WHERE EXCAVATION IS REQUIRED ADJACENT TO EXISTING TREES, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REMEDIAL WORK, SUCH AS ROOT & TOP PRUNING REQUIRED OR NECESSARY TO PREVENT TREE LOSS. SUCH REPAIR SHALL INCLUDE COMPENSATORY PRUNING AND FERTILIZATION COMPLETED PRIOR TO INSTALL OF THE WORK. CORRECTIVE WORK SHALL BE DONE BY A NYS LIC. ARBORIST.
11. NO STOCKPILING OF CONSTRUCTION MATERIALS SHALL TAKE PLACE UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN.
12. ALL UNDESIRABLE MATERIALS SHALL BE REMOVED FROM THE SITE AND SHALL BE DISPOSED OF IN A LEGAL MANNER.
13. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, ETC. AS REQUIRED TO PERFORM THE WORK AND FOLLOW ALL EROSION AND SEDIMENT CONTROL PROCEDURES.
14. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL NECESSARY MEASURES TO PREVENT SOIL EROSION, ALL DEBRIS, SLOTTED AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM THE SITE BY APPROPRIATE MEANS, RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK. SEE EROSION AND SEDIMENT CONTROL PLAN FOR FURTHER REQUIREMENTS.

SCALE: NTS

CS1.02





#### GENERAL NOTES - ALIGNMENT

1. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND QUANTITIES OF ALL MATERIALS PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR A DECISION. ALL WORK SHALL BE LOCATED AND MARKED OUT FOR APPROVAL BY THE ARCHITECT PRIOR TO THE START OF ANY CONSTRUCTION.
2. THE CONTRACTOR SHALL EXECUTE THE WORK IN SUCH MANNER THAT NO DAMAGE OR INJURY SHALL OCCUR TO PERSONS, EXISTING BUILDINGS AND STRUCTURES, CURBS, ROADS, ATHLETIC FIELDS, WALKS, PIPES, CONDUITS, POLES AND ANY AND ALL OTHER PROPERTY ABOVE AND BELOW GRADE. ANY DAMAGE OR INJURY RESULTING FROM THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL MAKE GOOD SUCH DAMAGE AND ASSUME ALL RESPONSIBILITY FOR EACH INJURY WITHOUT ADDITIONAL COST TO THE OWNER.
3. THE ARCHITECT AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
5. IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
6. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING DIMENSIONS AND CONDITIONS.
7. ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
8. CONTRACTOR TO PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
9. ALL PROJECT WASTE MATERIAL AND RUBBISH TO BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
10. ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
11. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE OWNER.

#### NEW WORK KEY NOTES

1. REFER TO DRAWING CS600 SERIES DRAWINGS FOR SITE DETAILS AND PAVEMENT SCHEDULE.
2. REFER TO SYMBOL LEGEND FOR NEW WORK TAGS AND SYMBOLS.
3. WALKS STRUCTURES AND OTHER MAJOR ITEMS SHALL BE STAKED FOR THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
4. N.Y.S. LICENSED LAND SURVEYOR SHALL PERFORM ALL LAYOUT WORK, INCLUDING BASELINE ESTABLISHMENT. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
5. LOOSEN TOPSOIL, TOP-DRESS AND SEED ALL DISTURBED AREAS NOT SCHEDULED FOR IMPROVEMENT.
6. CONTRACTOR SHALL REMOVE ALL TEMPORARY FENCING AND EROSION AND SEDIMENT CONTROL UPON COMPLETION OF THE WORK. RESTORE PROJECT SITE TO ITS EXISTING CONDITION INCLUDING REPAIRS TO PAVEMENT, TOP DRESSING AND SEEDING OF DISTURBED AREAS.
7. CONTRACTOR SHALL CONTINUE TO MAINTAIN ALL NEWLY SEEDED AREAS UNTIL SEED IS FULLY GROWN AND DEEMED USEABLE FOR RECREATION BY ARCHITECT.
8. ALL EXISTING RAILINGS AT PERIMETER OF CAFETERIA PLAZA SHALL BE REMOVED, PAINTED & REINSTALLED AFTER CONCRETE WORK IS COMPLETED. CONTRACTOR SHALL CUT AND WELD SPICE TUBES TO PROPERLY SECURE THE EXISTING RAILINGS INTO NEW SLEEVES.
9. CONTRACTOR IS SPECIFICALLY NOTIFIED THAT THE EXISTING CONCRETE DECK AT THE CAFETERIA PLAZA HAS SOME CRACKS AND HAS SETTLED IN CERTAIN AREAS. ONCE THE CONCRETE IS REMOVED ALL VOIDS SHALL BE BACKFILLED WITH STRUCTURAL FILL AND COMPACTED TO PROPOSED SUBGRADE AT NO ADDITIONAL COST. THE CONTRACTOR SHALL SHORE EXISTING CONCRETE WALLS TO INSURE THEY ARE NOT DISPLACED DURING COMPACTION ACTIVITIES.
10. CONTRACTOR SHALL PITCH CONCRETE AT CAFETERIA PLAZA TO MEET SURROUNDING PAVEMENTS, DOORS & GRATINGS FLUSH.
11. CONTRACTOR SHALL SAWCUT & REPAVE ASPHALT AT BOTTOM OF RECONSTRUCTED STAIRWAYS TO MEET EXISTING PAVEMENT FLUSH.

#### SYMBOL LEGEND

SYMBOL	DESCRIPTION
EJ	EXPANSION JOINT
A	NEW PAVEMENT TYPE SCHEDULE - SEE SCHEDULE ON CS6.01
CS600	NEW ITEM DETAIL TAG - SEE DETAILS ON CS600 SERIES
A	NEW ASPHALT PAVEMENT WALKWAYS
C	NEW CONCRETE PAVEMENT

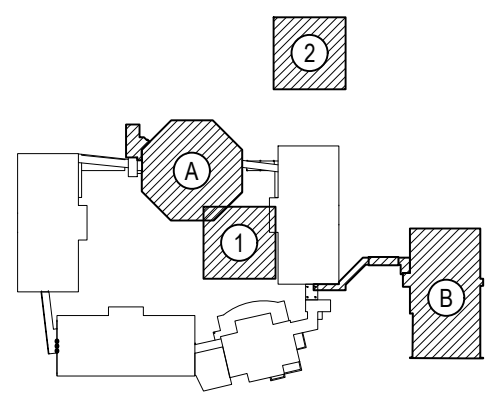
#### LIST OF ABBREVIATIONS

ALT.	ALTERNATE	LG	LONG
ASPH.	ASPHALT	LP	LIGHT POLE
BC	BOTTOM CURB	N	NORTH
CB	CATCH BASIN	OPN.	OPENING
CONC.	CONCRETE	PAVT	PAVEMENT
DEMO.	DEMOLITION	S	SOUTH
E	EAST	SC	SITEWORK CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR	TC	TOP CURB
ENC.	ENCLOSURE	TEMP.	TEMPORARY
EX.	EXISTING	(TYP.)	TYPICAL
GLV.	GALVANIZED	VIF	VERIFY IN FIELD
G.C.	GENERAL CONSTRUCTION	W	WEST
CONTRACTOR	CONTRACTOR	WD	WIDE
HT.	HEIGHT	S	AND
LB	LEACHING BASIN		
LF	LINEAR FEET		

REV.	DATE	ITEM

#### NOTICE

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#### KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT

DWG TITLE

DRAWING BY: CTC  
CHECK BY: JP

#### NOTICE

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: ALIGNMENT AND SCHEDULE PLAN

SCALE: AS NOTED

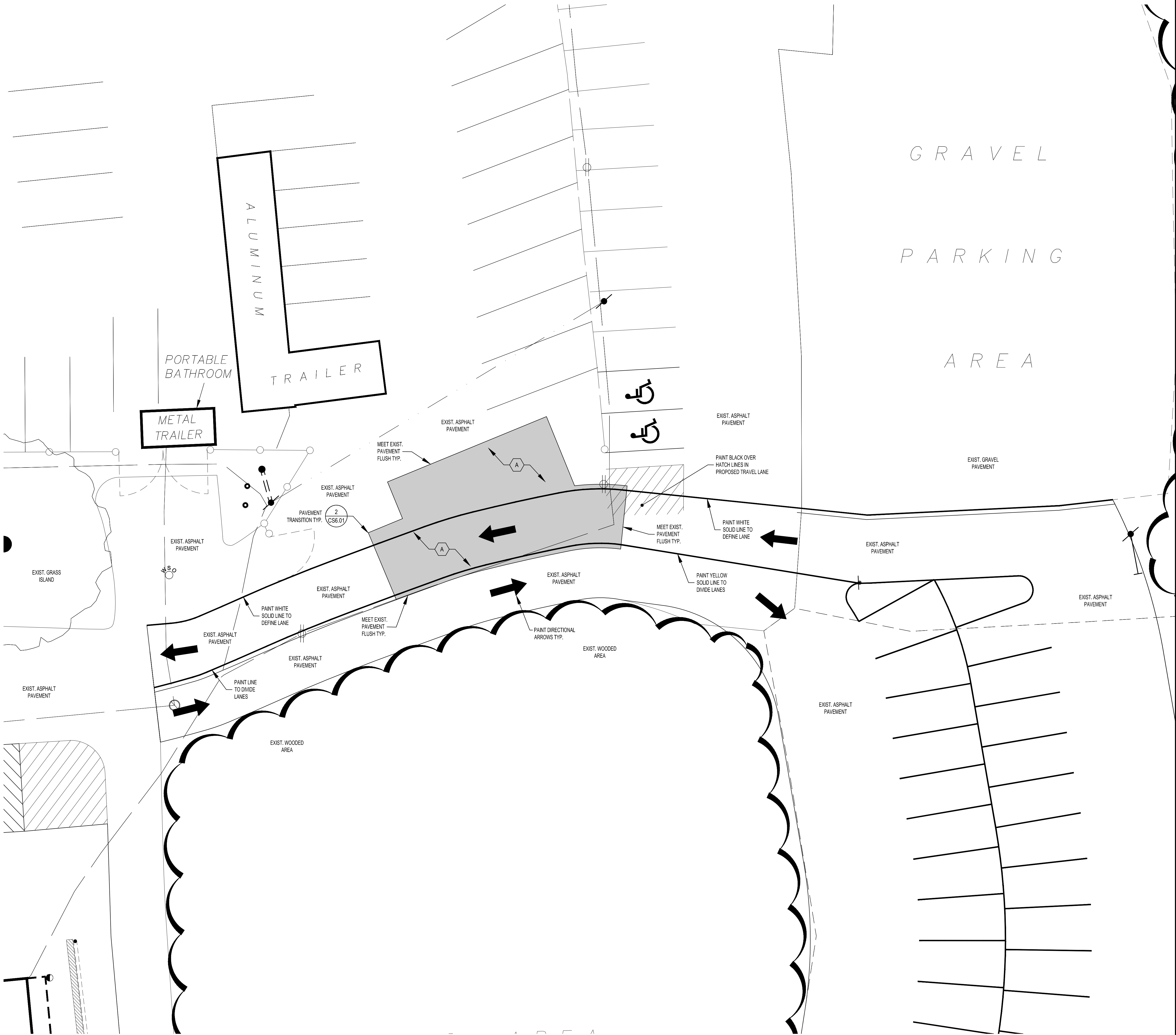
DATE: APRIL 2024

DID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

CS2.01 of J





### GENERAL NOTES - ALIGNMENT

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- THE ARCHITECT AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS OR PROCEDURES UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES, OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
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- ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
- ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE OWNER.

### NEW WORK KEY NOTES

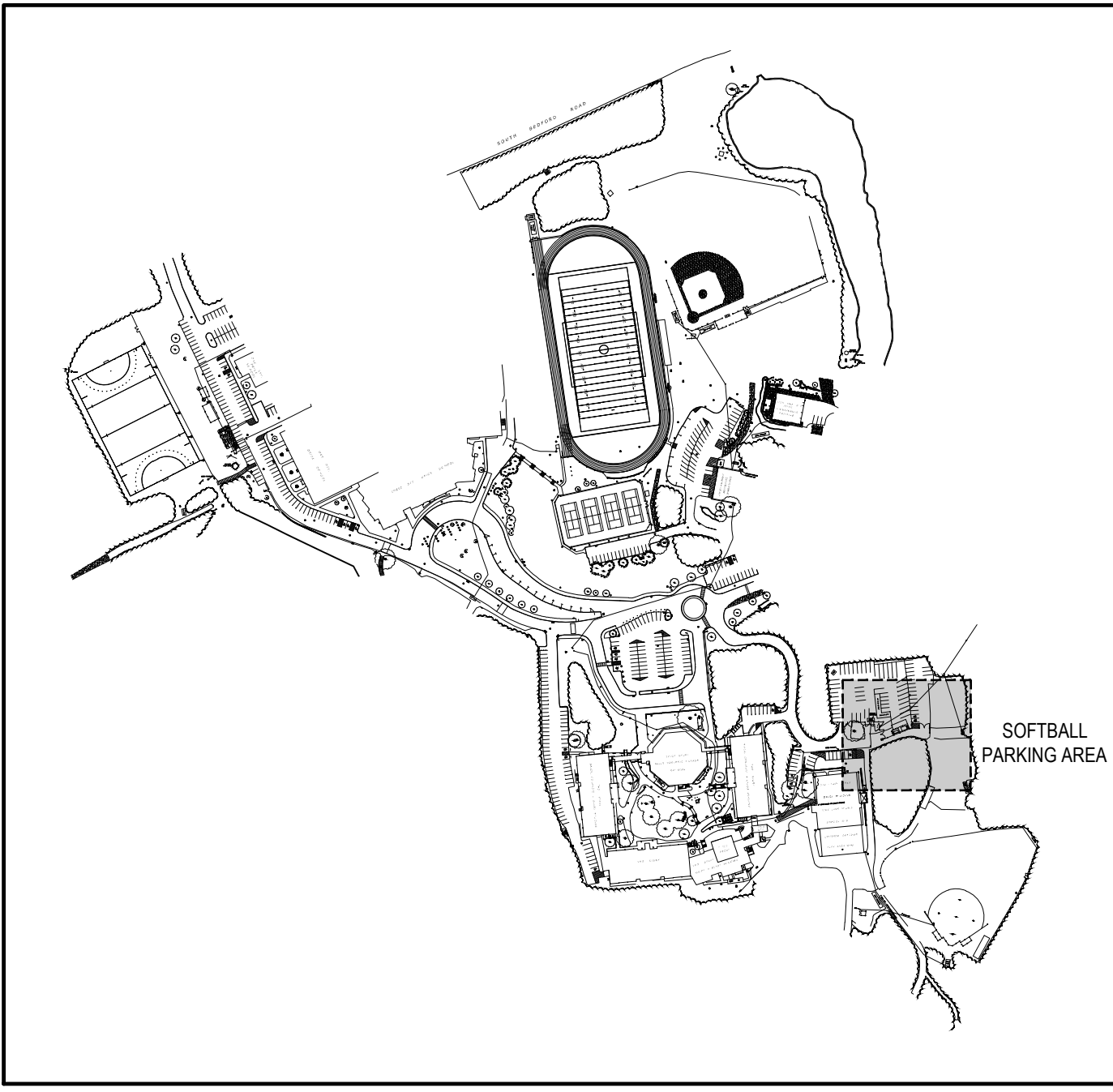
- REFER TO DRAWING CS600 SERIES DRAWINGS FOR SITE DETAILS AND PAVEMENT SCHEDULE.
- REFER TO DRAWING CS3.01 FOR ALL REQUIRED FIELD MARKINGS.
- REFER TO SYMBOL LEGEND FOR NEW WORK TAGS AND SYMBOLS.
- CURBS, WALKS, FENCES, DRAINAGE STRUCTURES AND OTHER MAJOR ITEMS SHALL BE STAKED FOR THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
- N.Y.S. LICENSED LAND SURVEYOR SHALL PERFORM ALL LAYOUT WORK, INCLUDING BASELINE ESTABLISHMENT. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
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### SYMBOL LEGEND

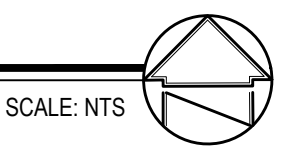
SYMBOL	DESCRIPTION
	NEW CURB TYPE - SEE DETAILS ON CS6.01
	NEW PAVEMENT TYPE SCHEDULE - SEE SCHEDULE ON CS6.01
	NEW ITEM DETAIL TAG - SEE DETAILS ON CS600 SERIES
	NEW ASPHALT PAVEMENT
	NEW CONCRETE PAVEMENT

### LIST OF ABBREVIATIONS

ALT.	ALTERNATE	LB	LEACHING BASIN
ASPH.	ASPHALT	LF	LINEAR FEET
BC	BOTTOM CURB	LG	LONG
CB	CATCH BASIN	LP	LIGHT POLE
CLF	CHAIN LINK FENCE	N	NORTH
CONC.	CONCRETE	OPN.	OPENING
DEMO.	DEMOLITION	PAVT	PAVEMENT
E	EAST	S	SOUTH
E.C.	ELECTRICAL CONTRACTOR	SC	SITEWORK CONTRACTOR
ENC.	ENCLOSURE	TC	TOP CURB
EX.	EXISTING	TEMP.	TEMPORARY
GALV.	GALVANIZED	(TYP.)	TYPICAL
G.C.	GENERAL CONSTRUCTION CONTRACTOR	VIF	VERIFY IN FIELD
HT.	HEIGHT	VCCLF	VINYL CLAD CHAIN LINK FENCE
		W	WEST
		WD	WIDE
		&	AND



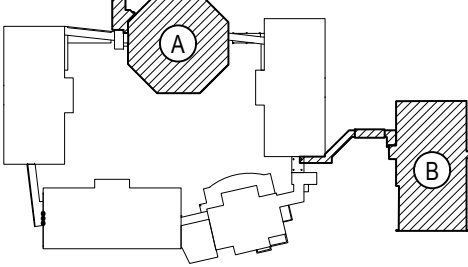
### SITE KEY PLAN



REV.	DATE	ITEM

### NOTICE

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### KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
ALIGNMENT & SCHEDULE PLAN  
SOFTBALL PARKING AREA ACCESS IMPROVEMENTS

DRAWING BY: CTC  
CHECK BY: J.P.

### NOTICE

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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: SITE PLAN

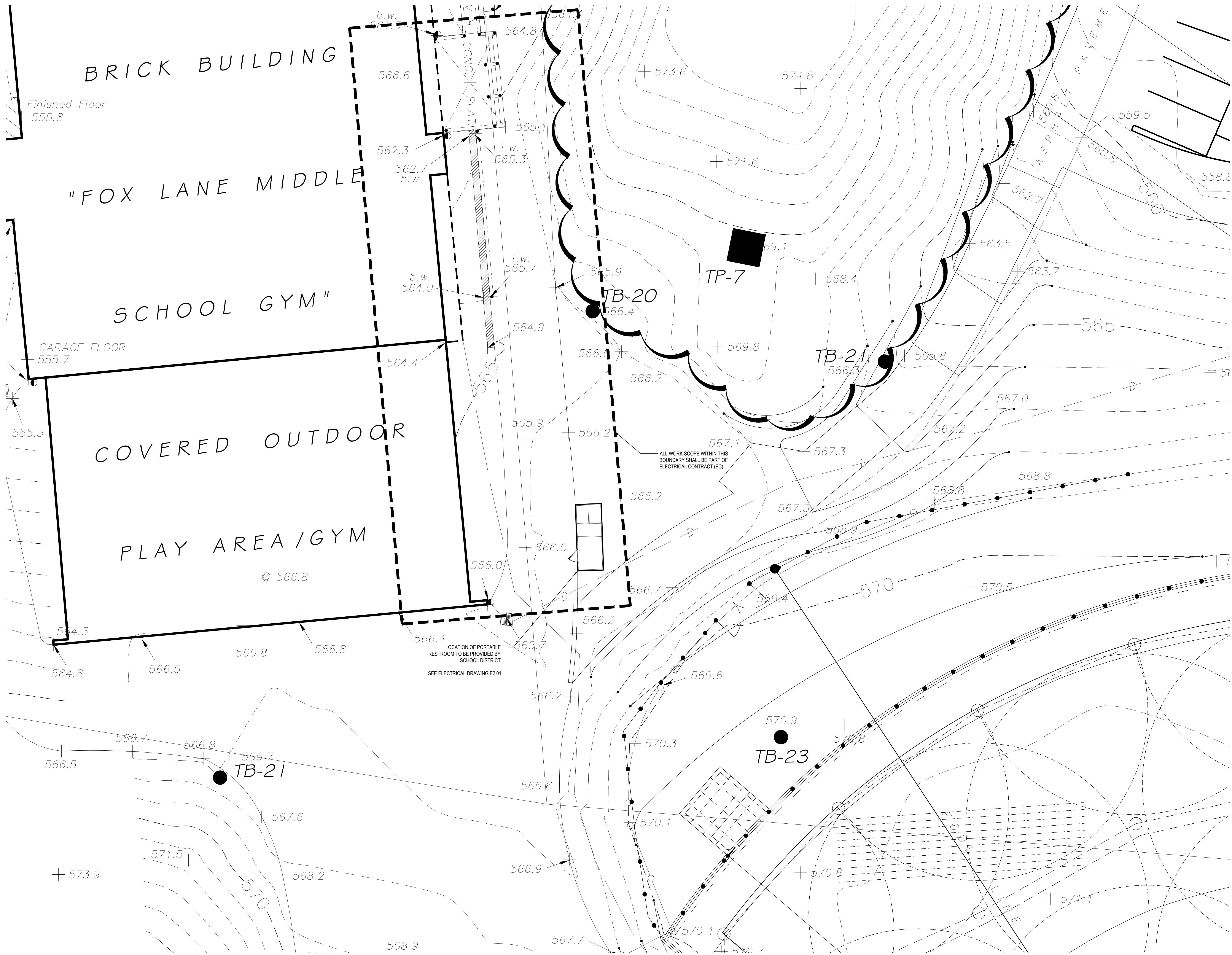
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-1316 FLMS

CS2.02

## ALIGNMENT AND SCHEDULE PLAN - SOFTBALL PARKING AREA ACCESS IMPROVEMENTS

SCALE: 1"=10'-0"





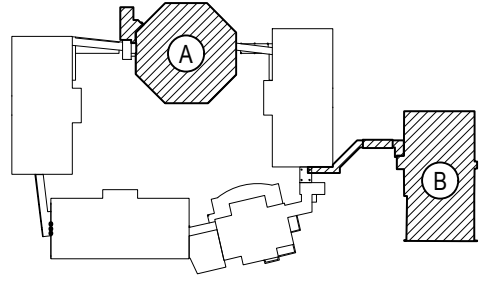
1 SITE PLAN - SOFTBALL FIELD REST ROOM BUILDING

SCALE: 1"=10'-0"

REV.	DATE	ITEM

NOTICE

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KEY PLAN

NOT TO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE

SITE PLAN  
SOFTBALL FIELD REST ROOM BUILDING

DRAWING BY: CTC

CHECK BY: J.P.

NOTICE

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SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE SITE PLAN

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No. 23-131b FLMS

CS2.03



SYMBOL LEGEND	
SYMBOL	DESCRIPTION
---	EXPANSION JOINT
	NEW PAVEMENT TYPE SCHEDULE - SEE SCHEDULE ON CS6.01
	NEW ITEM DETAIL TAG - SEE DETAILS ON CS600 SERIES
	NEW ASPHALT PAVEMENT WALKWAYS
	NEW CONCRETE PAVEMENT

#### NEW WORK KEY NOTES

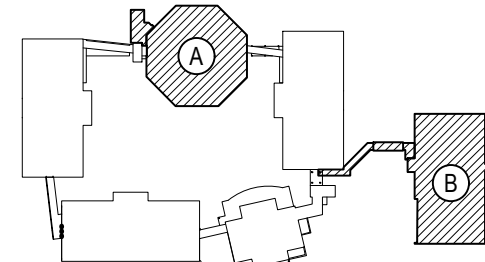
1. REFER TO DRAWING CS600 SERIES DRAWINGS FOR SITE DETAILS AND PAVEMENT SCHEDULE.
2. REFER TO SYMBOL LEGEND FOR NEW WORK TAGS AND SYMBOLS.
3. WALKS STRUCTURES AND OTHER MAJOR ITEMS SHALL BE STAKED FOR THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
4. N.Y.S. LICENSED LAND SURVEYOR SHALL PERFORM ALL LAYOUT WORK, INCLUDING BASELINE ESTABLISHMENT. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
5. LOOSEN TOPSOIL, TOP-DRESS AND SEED ALL DISTURBED AREAS NOT SCHEDULED FOR IMPROVEMENT.
6. CONTRACTOR SHALL REMOVE ALL TEMPORARY FENCING AND EROSION AND SEDIMENT CONTROL UPON COMPLETION OF THE WORK. RESTORE PROJECT SITE TO ITS EXISTING CONDITION INCLUDING REPAIRS TO PAVEMENT, TOP DRESSING AND SEEDING OF DISTURBED AREAS.
7. CONTRACTOR SHALL CONTINUE TO MAINTAIN ALL NEWLY SEEDED AREAS UNTIL SEED IS FULLY GROWN AND DEEMED USEABLE FOR RECREATION BY ARCHITECT.
8. ALL EXISTING RAILINGS AT PERIMETER OF CAFETERIA PLAZA SHALL BE REMOVED, PAINTED & REINSTALLED AFTER CONCRETE WORK IS COMPLETED. CONTRACTOR SHALL CUT AND WELD SPLICE TUBES TO PROPERLY SECURE THE EXISTING RAILINGS INTO NEW SLEEVES.
9. CONTRACTOR IS SPECIFICALLY NOTIFIED THAT THE EXISTING CONCRETE DECK AT THE CAFETERIA PLAZA HAS SOME CRACKS AND HAS SETTLED IN CERTAIN AREAS. ONCE THE CONCRETE IS REMOVED ALL VOIDS SHALL BE BACKFILLED WITH STRUCTURAL FILL AND COMPACTED TO PROPOSED SUBGRADE AT NO ADDITIONAL COST. THE CONTRACTOR SHALL SHORE EXISTING CONCRETE WALLS TO INSURE THEY ARE NOT DISPLACED DURING COMPACTION ACTIVITIES.
10. CONTRACTOR SHALL PITCH CONCRETE AT CAFETERIA PLAZA TO MEET SURROUNDING PAVEMENTS, DOORS & GRATINGS FLUSH.
11. CONTRACTOR SHALL SAWCUT & REPAVE ASPHALT AT BOTTOM OF RECONSTRUCTED STAIRWAYS TO MEET EXISTING PAVEMENT FLUSH.

#### GENERAL NOTES - ALIGNMENT

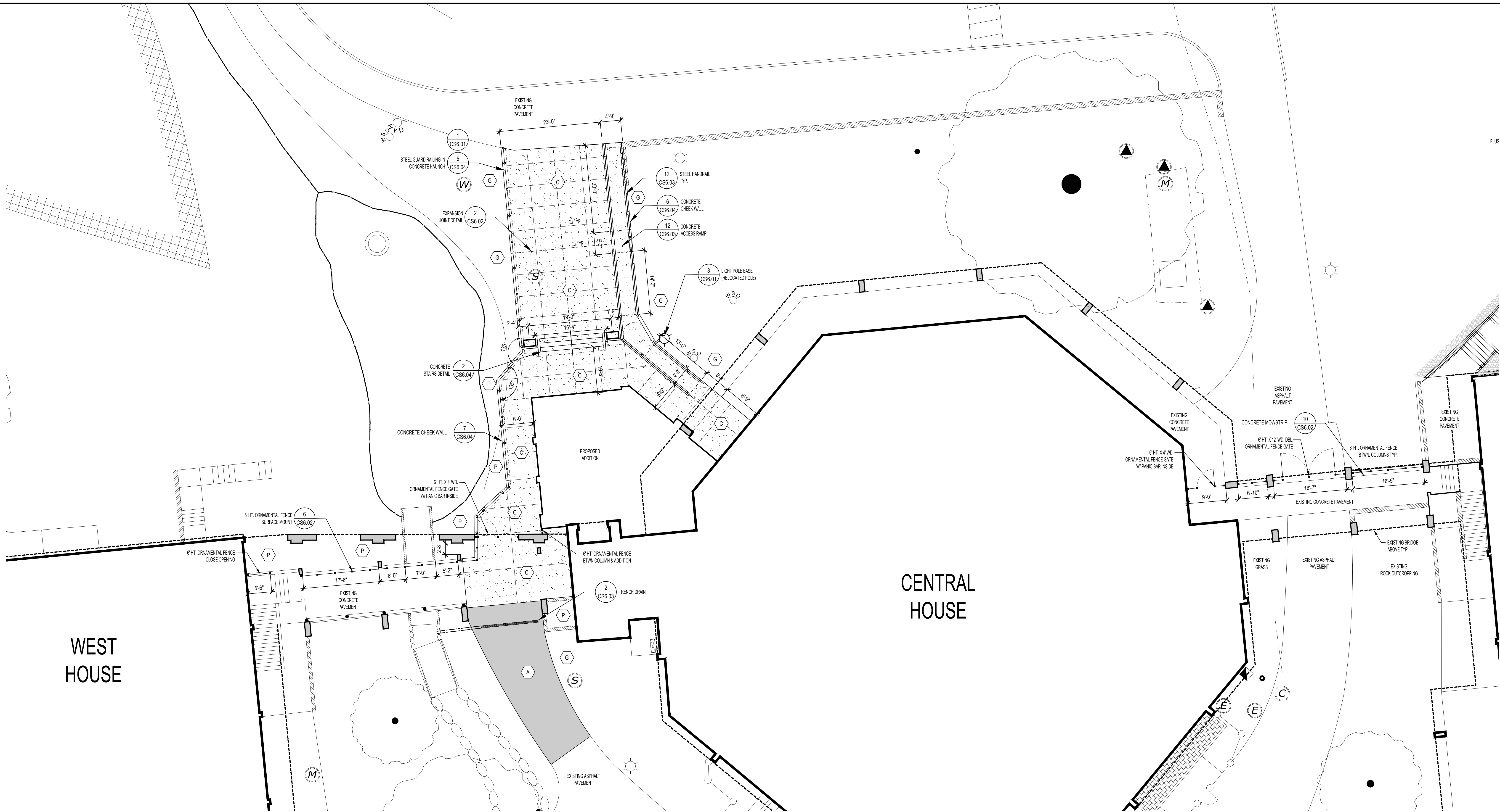
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KEY PLAN  
NOT TO SCALE



#### ENLARGEMENT PLAN - NEW ADDITION & NORTH SIDE SECURITY FENCING

1

SCALE: 1"=10'-0"

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
ENLARGEMENT PLANS  
NEW ADDITION & NORTH SIDE SECURITY FENCING

DRAWING BY: CTC  
CHECK BY: JP

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SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL  
SCHOOL DISTRICT


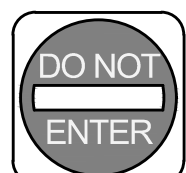
PROJECT PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE ENLARGEMENT PLAN

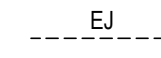
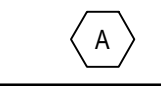



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DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No. 23-131b FLMS

CS3.01 of J



SIGN SCHEDULE							
SIGN PANEL	TYPE	N.Y.S. D.O.T. SIGN No.	SIZE	BACKGROUND COLOR	LEGEND COLOR	BORDER	LEGEND SIZES
	S3	R3-1B	24" x 24"	RED	WHITE	3/4"	8-C"
	S4	R3-15C	30" x 30"	RED / WHITE	WHITE	VAR.	4"-D 5" BAR 4"-D

- NOTES:
- SIGNS S3, AND S4 SHALL CONFORM TO THE N.Y.S. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), SECTION 221, INCLUSIVE, AS APPLICABLE.
  - SEE PLANS FOR SIGN LOCATIONS TO DETERMINE ARROW DIRECTIONS ON SIGNS.

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	EXPANSION JOINT
	NEW PAVEMENT TYPE SCHEDULE - SEE SCHEDULE ON CS6.01
	NEW ITEM DETAIL TAG - SEE DETAILS ON CS600 SERIES
	NEW ASPHALT PAVEMENT WALKWAYS
	NEW CONCRETE PAVEMENT

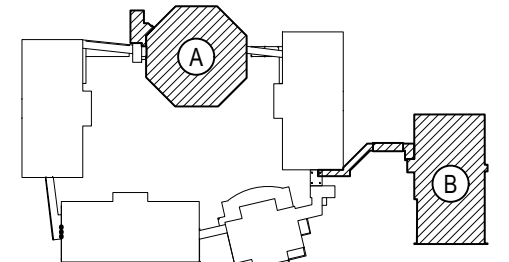
- NEW WORK KEY NOTES
- REFER TO DRAWING CS600 SERIES DRAWINGS FOR SITE DETAILS AND PAVEMENT SCHEDULE.
  - REFER TO SYMBOL LEGEND FOR NEW WORK TAGS AND SYMBOLS.
  - WALKS STRUCTURES AND OTHER MAJOR ITEMS SHALL BE STAKED FOR THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
  - N.Y.S. LICENSED LAND SURVEYOR SHALL PERFORM ALL LAYOUT WORK, INCLUDING BASELINE ESTABLISHMENT. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
  - LOOSEN TOPSOIL, TOP-DRESS AND SEED ALL DISTURBED AREAS NOT SCHEDULED FOR IMPROVEMENT.
  - CONTRACTOR SHALL REMOVE ALL TEMPORARY FENCING AND EROSION AND SEDIMENT CONTROL UPON COMPLETION OF THE WORK. RESTORE PROJECT SITE TO ITS EXISTING CONDITION INCLUDING REPAIRS TO PAVEMENT, TOP-DRESSING AND SEEDING OF DISTURBED AREAS.
  - CONTRACTOR SHALL CONTINUE TO MAINTAIN ALL NEWLY SEEDED AREAS UNTIL SEED IS FULLY GROWN AND DEEMED USEABLE FOR RECREATION BY ARCHITECT.
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REV.	DATE	ITEM

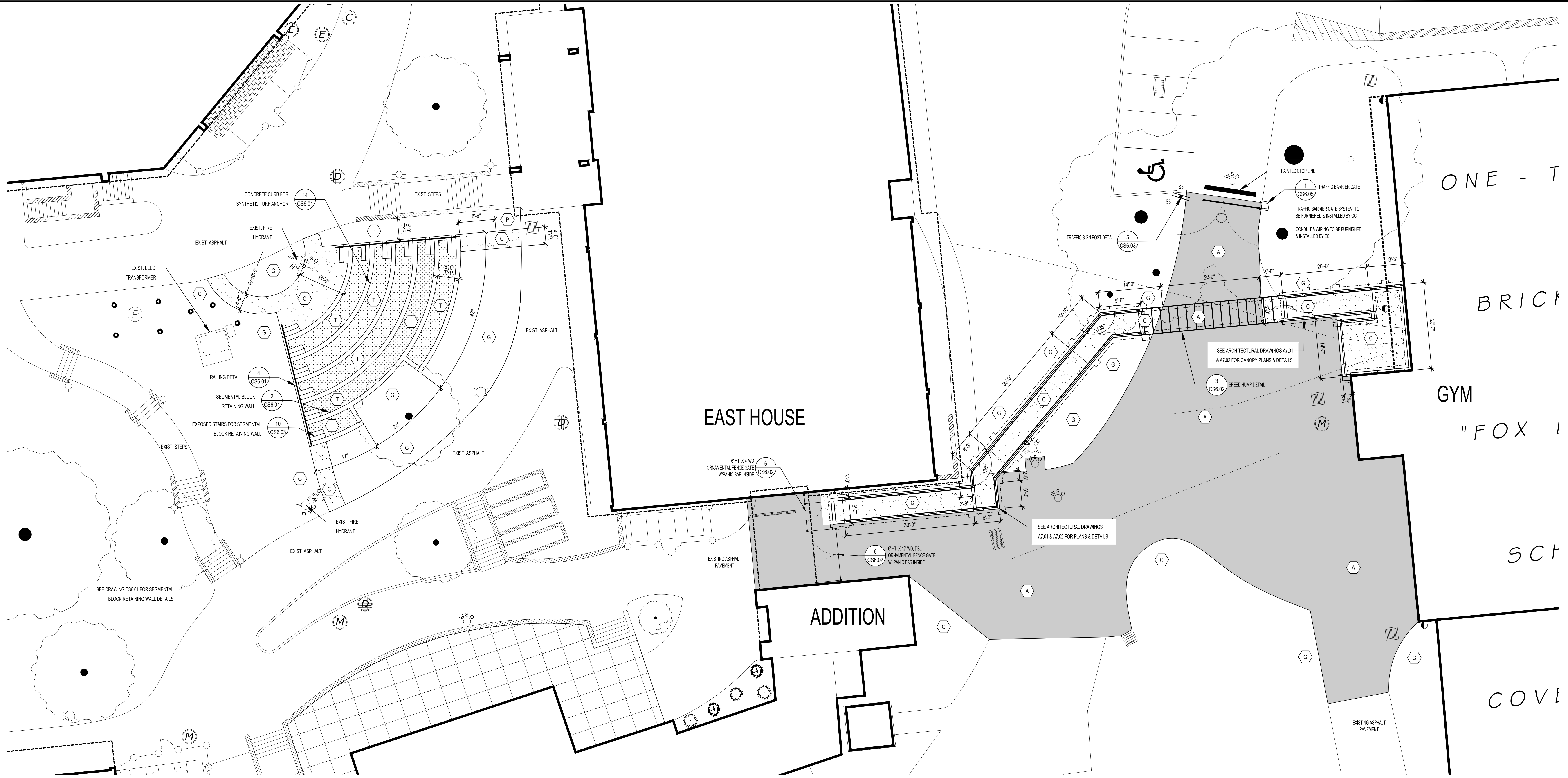
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KEY PLAN

NOT TO SCALE



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2 ENLARGEMENT PLAN - COURTYARD AMPHITHEATER & RAMP TO GYMNASIUM BUILDING

SCALE: 1"=10'-0"

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

ENLARGED PLANS -  
COURTYARD AMPHITHEATER and WALKWAY RAMP

DRAWING BY: CTC  
CHECK BY: JP

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: ALIGNMENT AND SCHEDULE PLAN

SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS

CS3.02 OF J







GENERAL NOTES

- ALL PAVED SURFACES SHALL PITCH 1% MIN. IN THE DIRECTION OF THE NEAREST DRAIN INLET OR THE DIRECTION AS SHOWN ON THE PLANS.
- ALL PAVED SURFACES ON AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM CROSS PITCH OF 2% UNLESS OTHERWISE NOTED. OUTSIDE OF ACCESSIBLE ROUTES THE PITCH SHALL NOT EXCEED 5%.
- INDICATED SPOT GRADES REPRESENT FINISHED GRADES UNLESS OTHERWISE NOTED.
- LANDSCAPED AREAS SHALL BE GRADED FLUSH WITH THE TOP OF CURBS AND PAVEMENTS TO MEET EXISTING GRADE EXCEPT WHERE OTHERWISE NOTED.
- CAUTION SHALL BE EXERCISED DURING GRADING OPERATIONS SO AS NOT TO RAISE OR LOWER GRADE IN THE VICINITY OF EXISTING TREES TO THE EXTENT THAT ROOTS ARE EXPOSED OR BURIED.
- ALL NEW PAVEMENT AREAS TO BE INSTALLED TO SMOOTH, EVEN GRADE. CORRECT LOW SPOTS AND GRADE DISCREPANCIES BY FILLING AND CUTTING AS REQUIRED.
- MEET EXISTING GRADES AT PROPERTY LINES AND LIMIT OF WORK LINES WHERE INDICATED.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES, CLEARLY MARK AND PROTECT DURING EXCAVATION.
- SEE DRAWING CS600 SERIES DRAWINGS FOR PAVING AND DRAINAGE DETAILS.
- DRAINAGE AND SANITARY PIPE LAYING LENGTHS ARE MEASURED TO THE CENTERLINE OF MANHOLES AND TO THE INSIDE FACE OF CATCH BASINS AND DRAIN INLETS.
- CONTRACTOR SHALL CLEAN EXISTING DRAINAGE STRUCTURES AND PIPES TO REMAIN OF ALL SILT AND DEBRIS AS SHOWN.

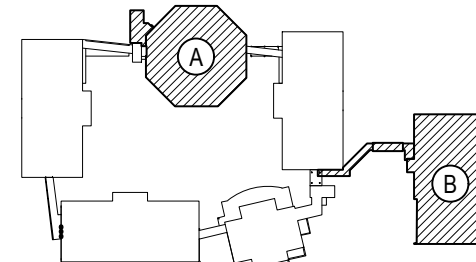
SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PROPOSED DRAINAGE PIPING (HDPE)
	PROPOSED UNDER-DRAIN PIPING (HDPE)
	PROPOSED UNDER-DRAIN PIPING WITH END CAP
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PAVEMENT PITCH DIRECTION
	PIPE SLOPE DIRECTION
	PROPOSED SPOT ELEVATION
	EXISTING SPOT CONTOUR
	EXISTING SPOT ELEVATION
	EXISTING SPOT ELEVATION

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

GRADING & DRAINAGE ENLARGEMENT PLANS  
COURTYARD AMPHITHEATER & RAMP TO GYMNASIUM BUILDING

DRAWING BY: CTC  
CHECK BY: JP

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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE GRADING & DRAINAGE ENLARGEMENT PLANS

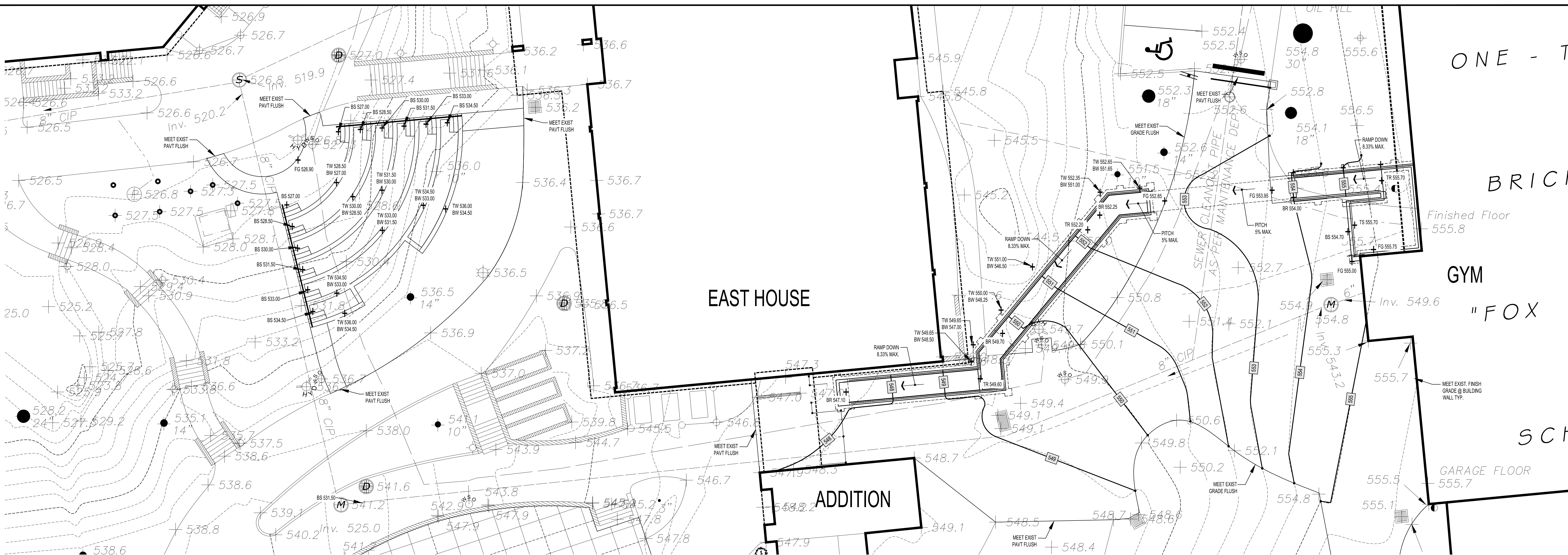
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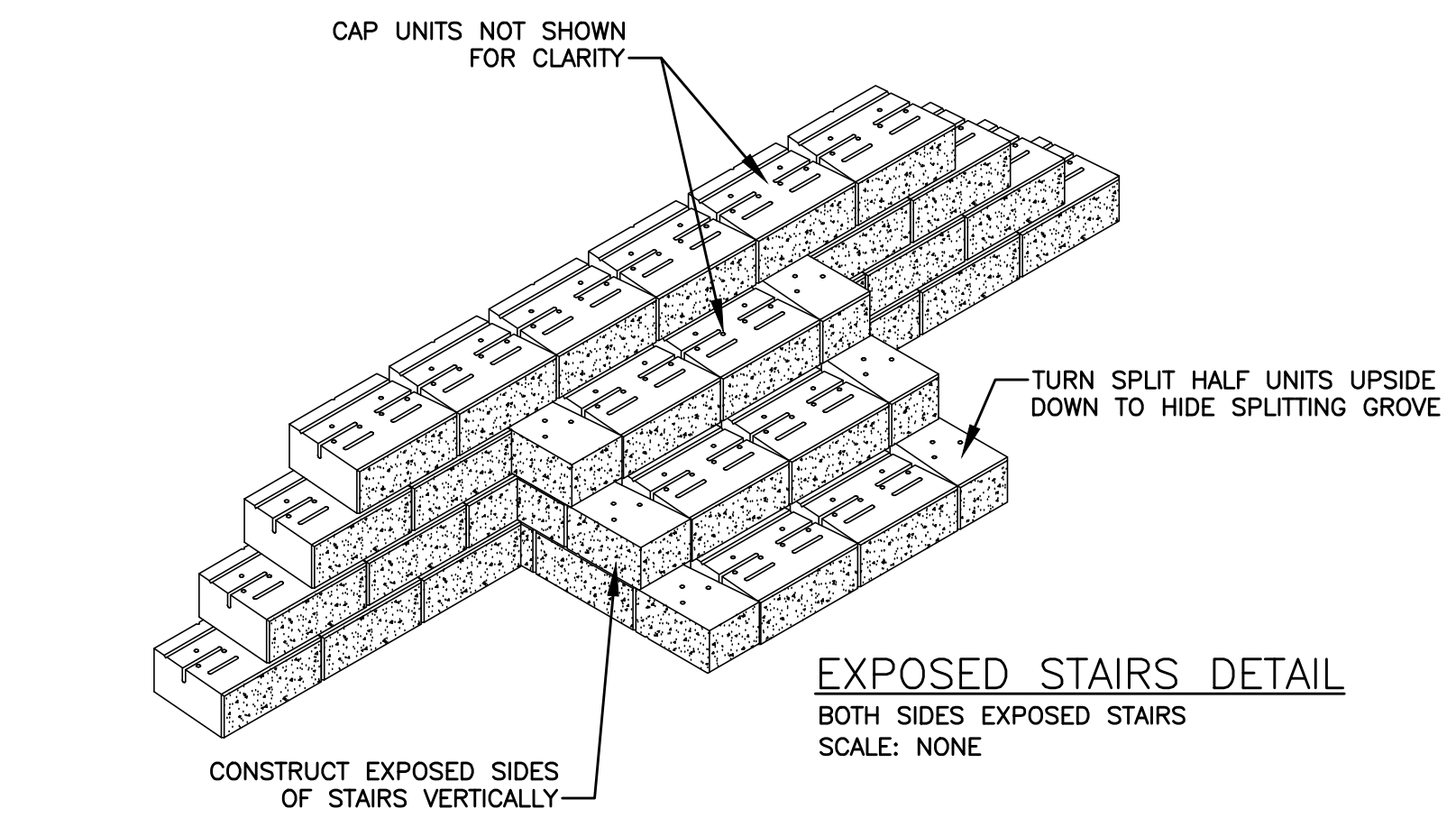
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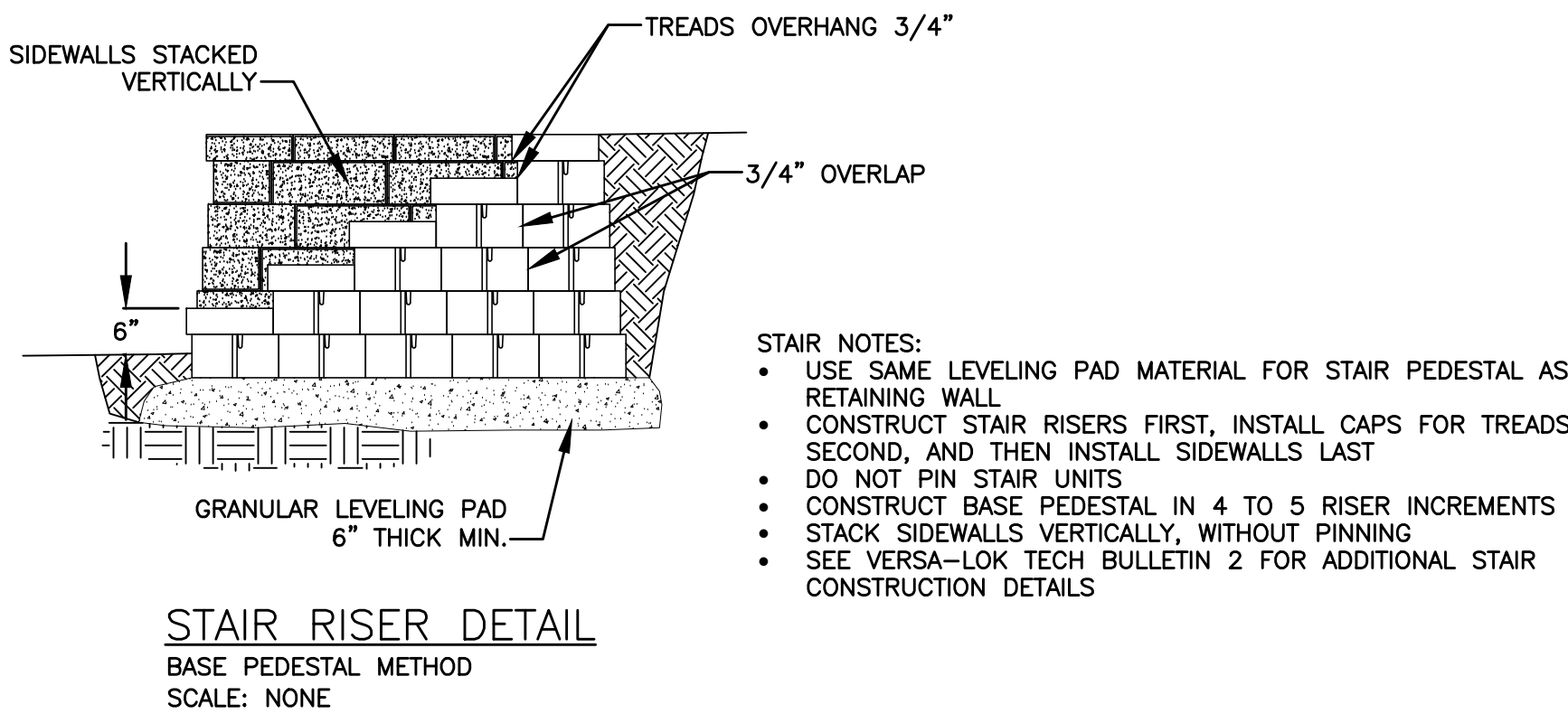
1 GRADING ENLARGEMENT PLAN - COURTYARD AMPHITHEATER & RAMP TO GYMNASIUM BUILDING

SCALE: 1"=10'-0"

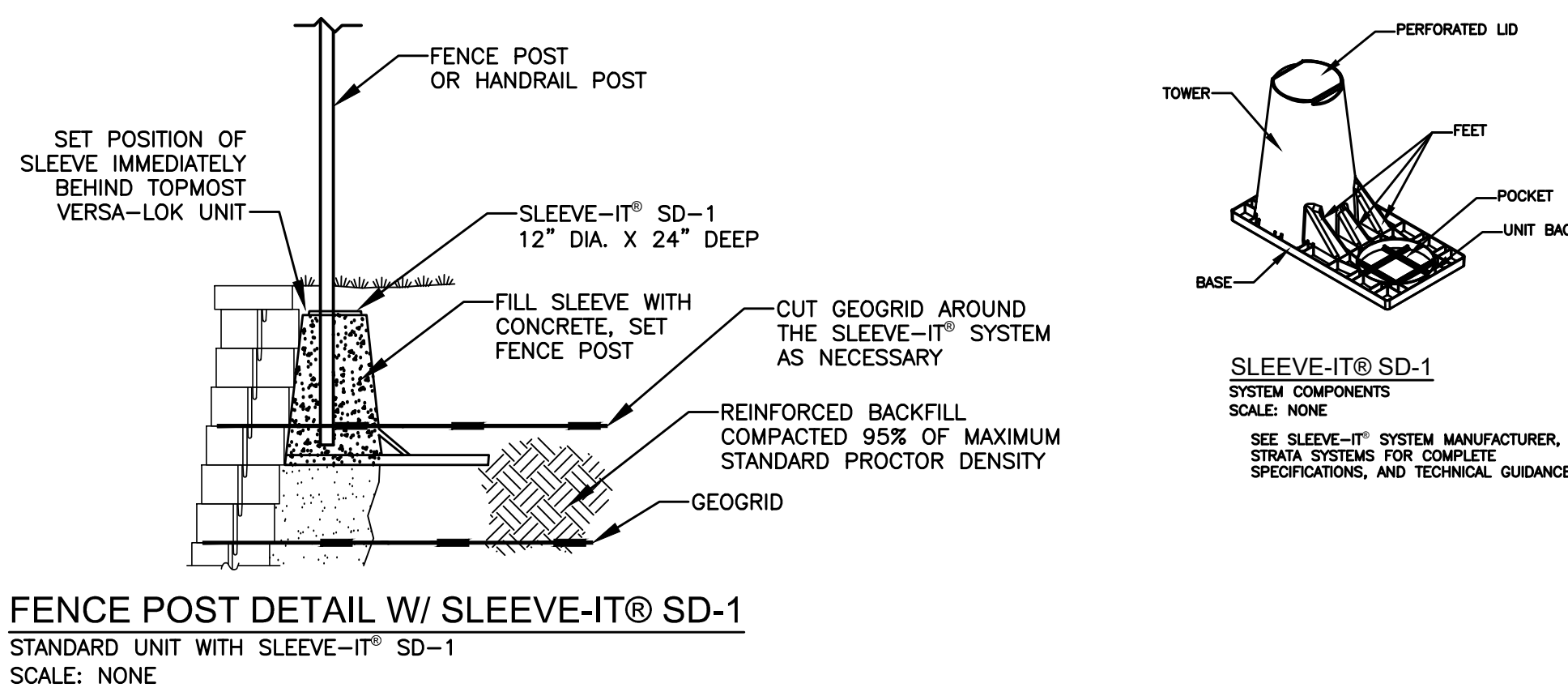




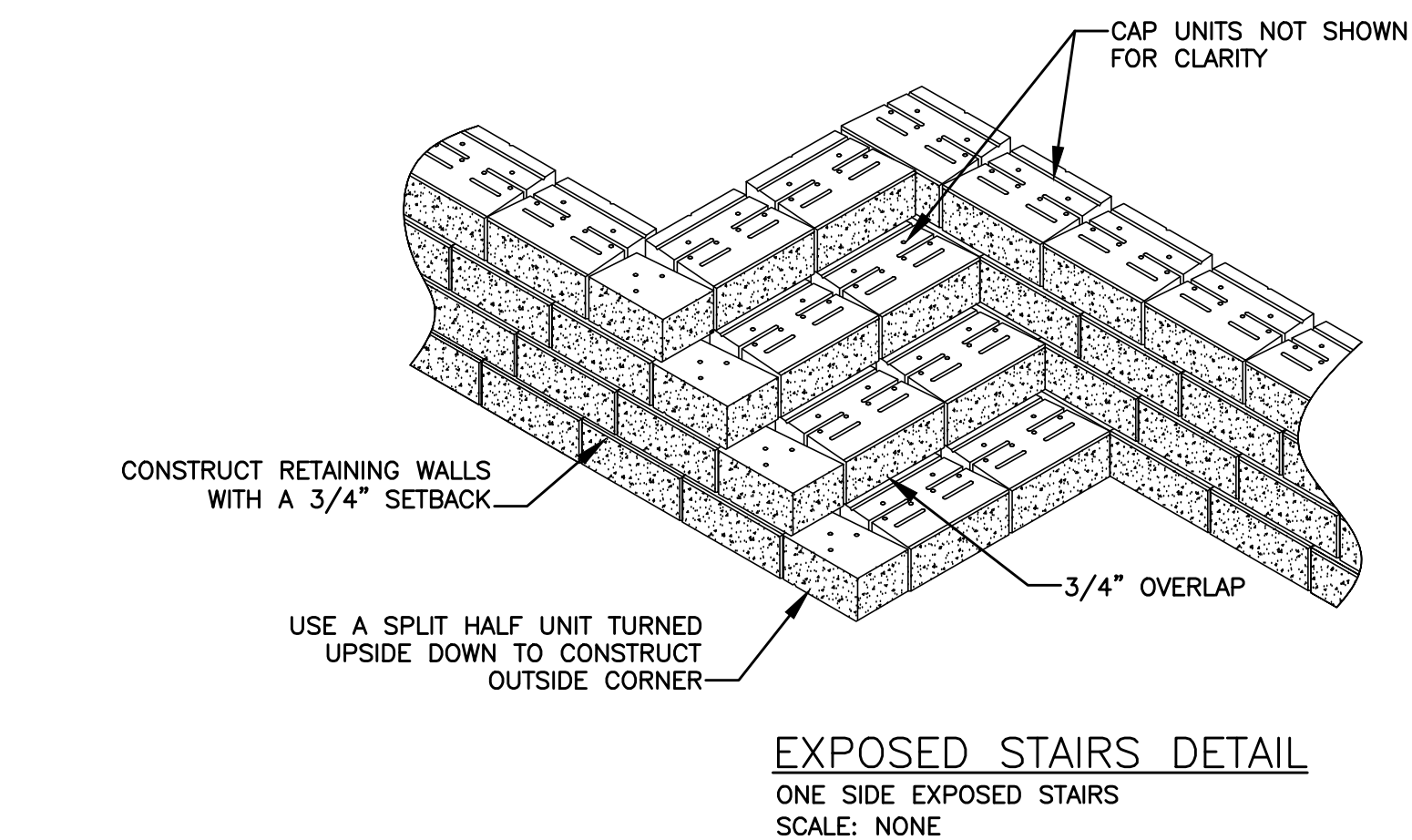
13 EXPOSED STAIRS FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



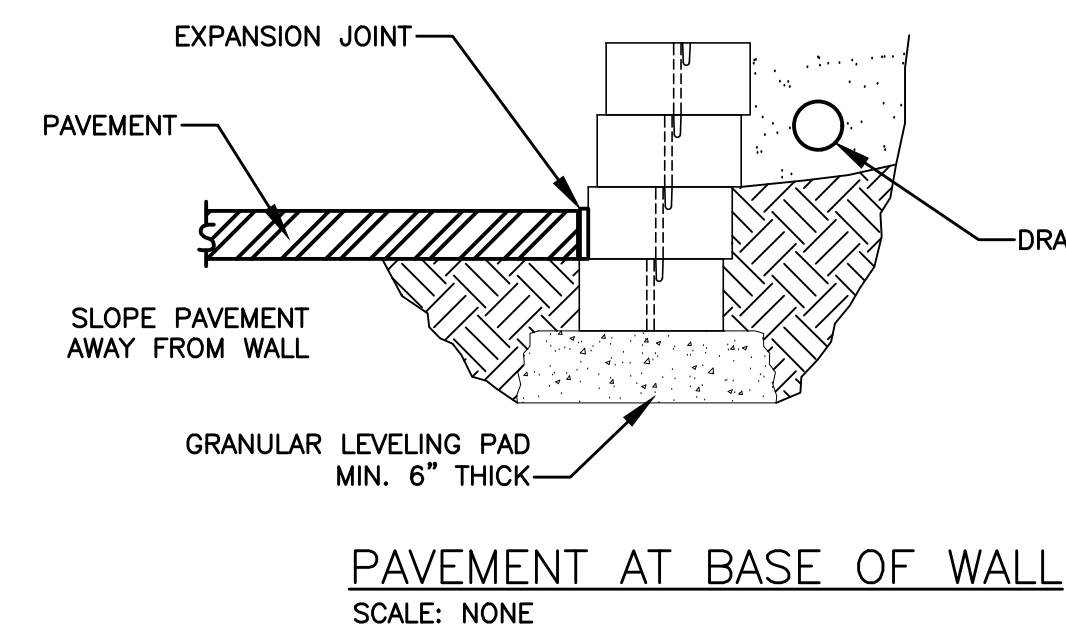
12 STAIR RISER DETAIL FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



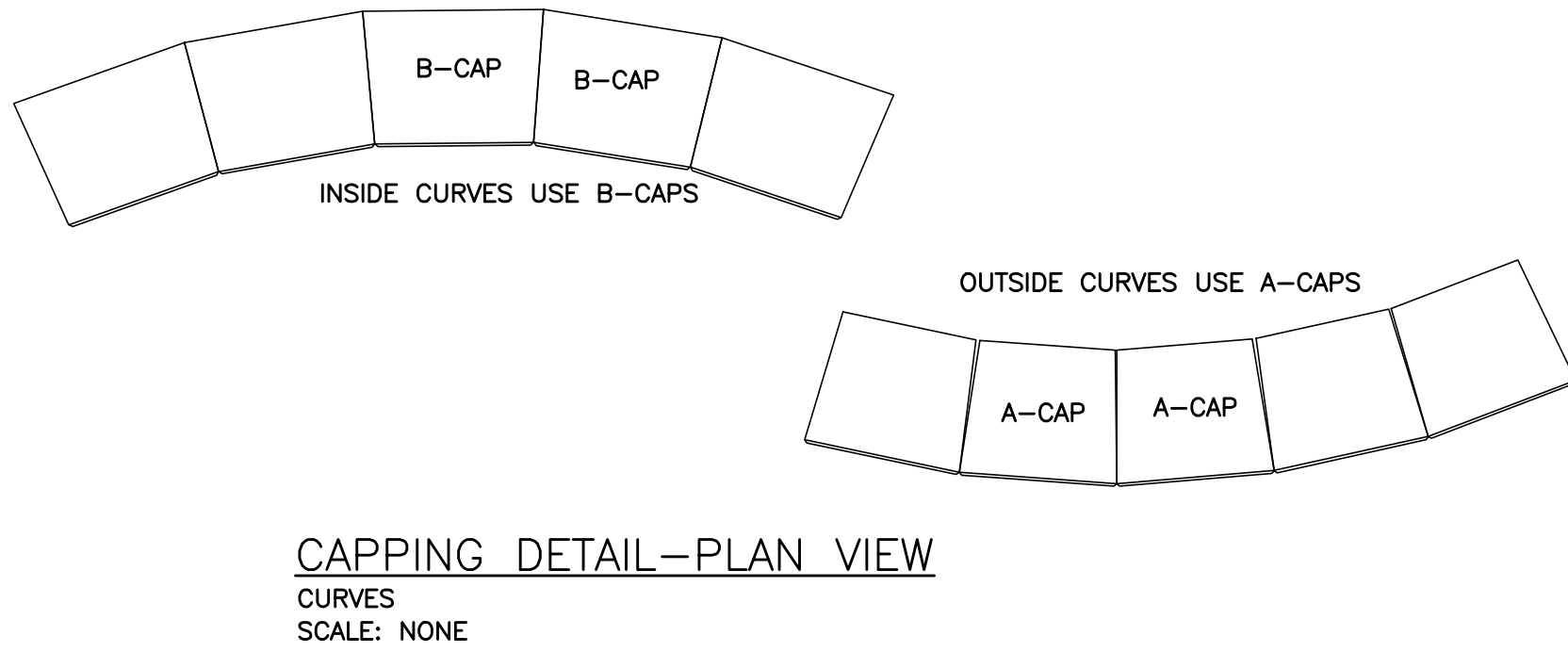
11 FENCE POST DETAIL FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



10 EXPOSED STAIRS FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



9 PAVEMENT AT BASE OF SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



8 CAPPING DETAIL FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.

PAVEMENT SCHEDULE		
MARK	CONSTRUCTION	NOTES
A	1.5" TYPE 6 ASPHALT TOP 3.5" TYPE 3 ASPHALT BINDER PREPARING FINE GRADE 6" RCB BASE COURSE COMPACTED SUBGRADE (MIN. 95% DRY DENSITY)	NEW FULL DEPTH ASPHALT PAVEMENT
A1	1.5" ASPHALT TOP COURSE MILL 1.5" FROM EXIST. PAVEMENT SWEEP CLEAN, FILL & SEAL CRACKS EXISTING ASPHALT PAVEMENT	MILL AND CAP EXISTING ASPHALT PAVEMENT
T	SYNTHETIC GRASS w/ THATCH 1.5" MIN. POLYETHYLENE FOAM RESILIENT BASE 4 OZ. GEOTEXTILE FABRIC 6" COMPACTED RCB BASE COMPACTED SUBGRADE	SYNTHETIC GRASS
A3	ASPHALT EMULSION SEALCOAT 30 GALS / 1,000 SQUARE FEET SURFACE PREPARATION - CRACK FILLING / SEALING EXISTING ASPHALT PAVEMENT	SEALCOATING EXISTING PAVEMENT
C	LIGHT BROOM FINISH EXPANSION JOINT AS SHOWN 4" CONC. SLAB w/ 6"x6" W4 @ 12" O.C. W/F 6" MIN. SELECT GRANULAR FILL COMPACTED SUBGRADE (MIN. 95% DRY DENSITY)	CEMENT CONCRETE PAVEMENT AND WALKWAYS
C1	STIFF BROOM FINISH 6" CONC. SLAB w/ #4 BARS AT 12" O.C. W/F EXPANSION JOINT AS SHOWN 6" MIN. RCB BASE COURSE (MIN. 95% DRY DENSITY) COMPACTED SUBGRADE (MIN. 95% DRY DENSITY)	CEMENT CONCRETE BLEACHER PADS AND CONTAINER DUMPSTER OR SERVICE ACCESS PADS
G	GRASS SEED (GENERAL MIX) 6" REHANDLED TOPSOIL (LIGHTLY ROLLED) ROLLED SUBGRADE (MAX. 80% DRY DENSITY)	NEW FIELD AREAS RE-HANDLED TOPSOIL IS EXISTING STRIPPED TOPSOIL FROM STOCKPILE(S)
SI	GRASS SEED (HYDROSEED) PREPARED SEED BED LOOSEN TOPSOIL 4" MIN. SUBGRADE	DISTURBED AREAS
P	3" DOUBLE SHREDDED DARK WOOD CHIP MULCH WEED CONTROL FABRIC 10" SCREENED / BLENDED TOPSOIL ROLLED SUBGRADE (MAX. 80% DRY DENSITY)	PLANT BEDS

REV.	DATE	ITEM

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**KEY PLAN**  
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**PROJECT**  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
ALL SCHOOLS  
TOWN of BEDFORD / WESTCHESTER COUNTY  
**DWG TITLE**  
SITE DETAILS

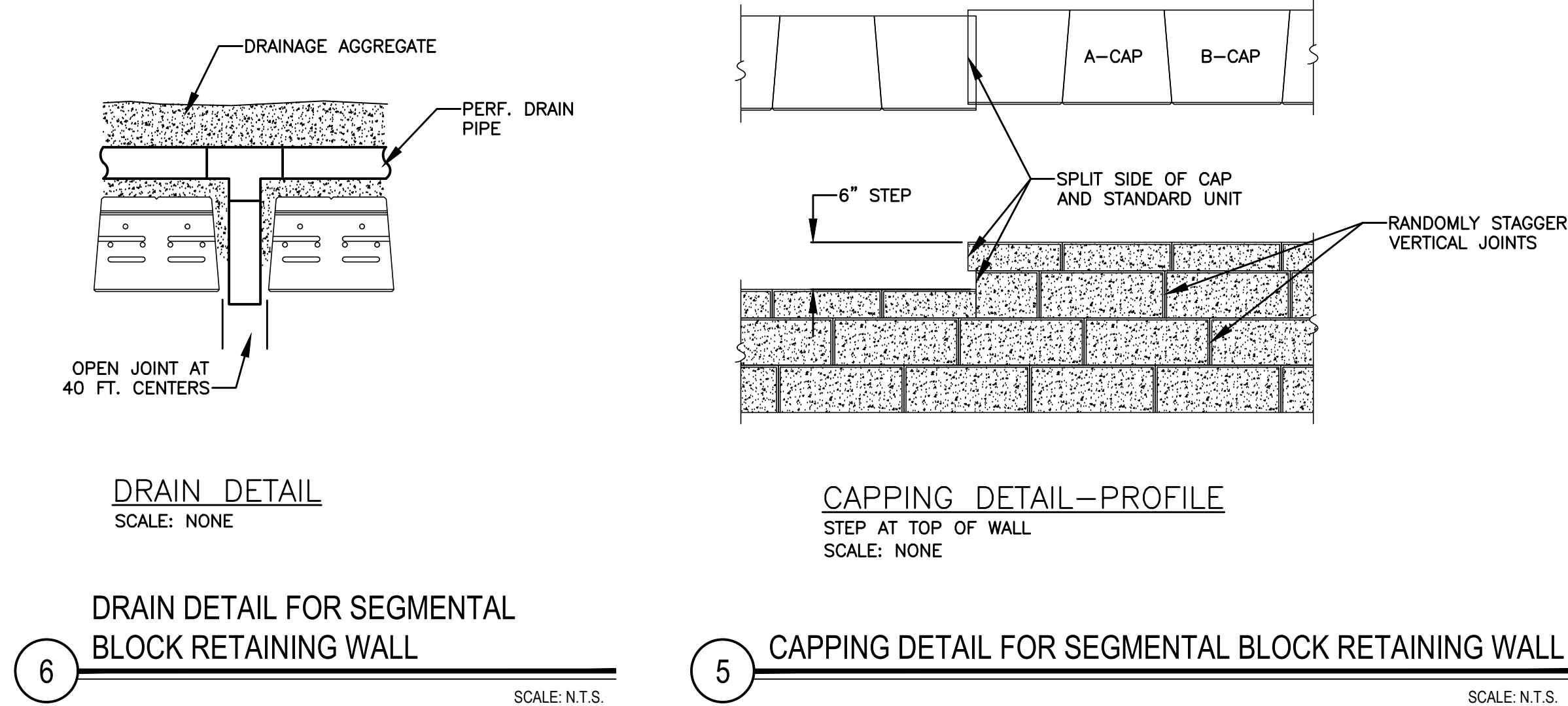
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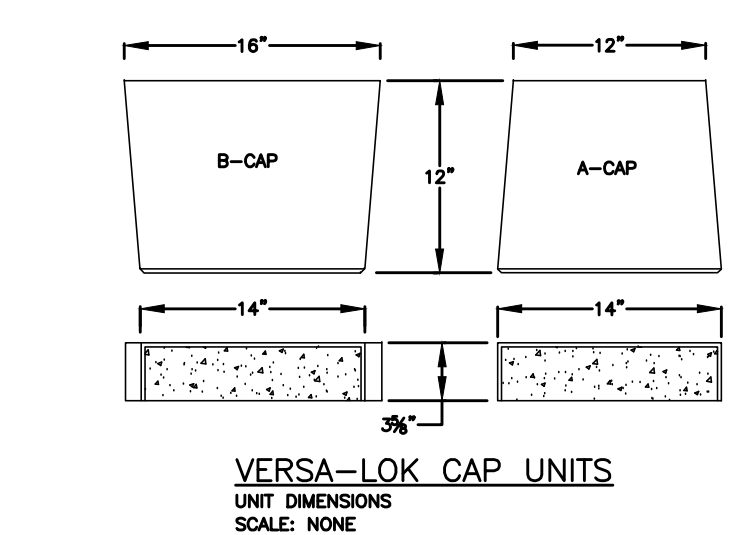
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**SED No.** 66-01-02-06-0-007-013  
**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT  
**PROJECT** CAPITAL IMPROVEMENTS - BOND PHASE 2  
**DWG TITLE** SITE DETAILS  
**SCALE:** AS NOTED  
**DATE:** APRIL 2024  
**BID PICK-UP:** FEBRUARY 24, 2025  
**FILE No.** 23-131

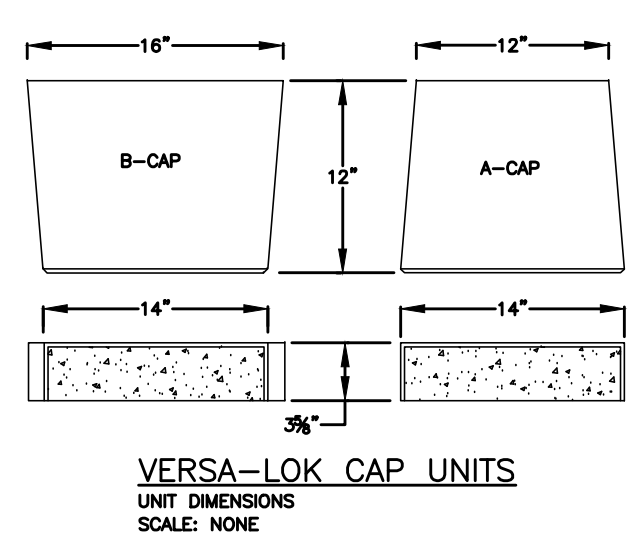
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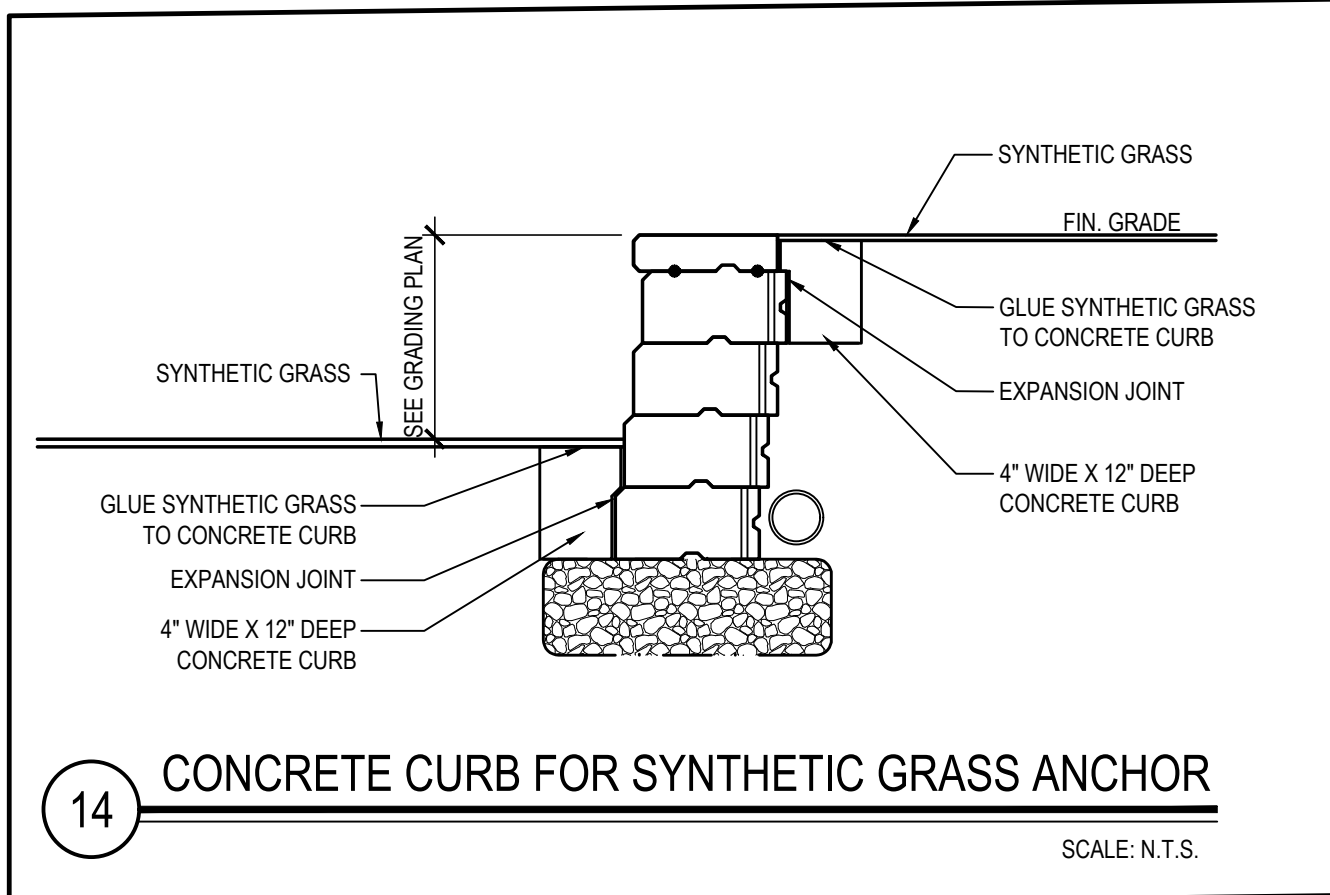
6 DRAIN DETAIL FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



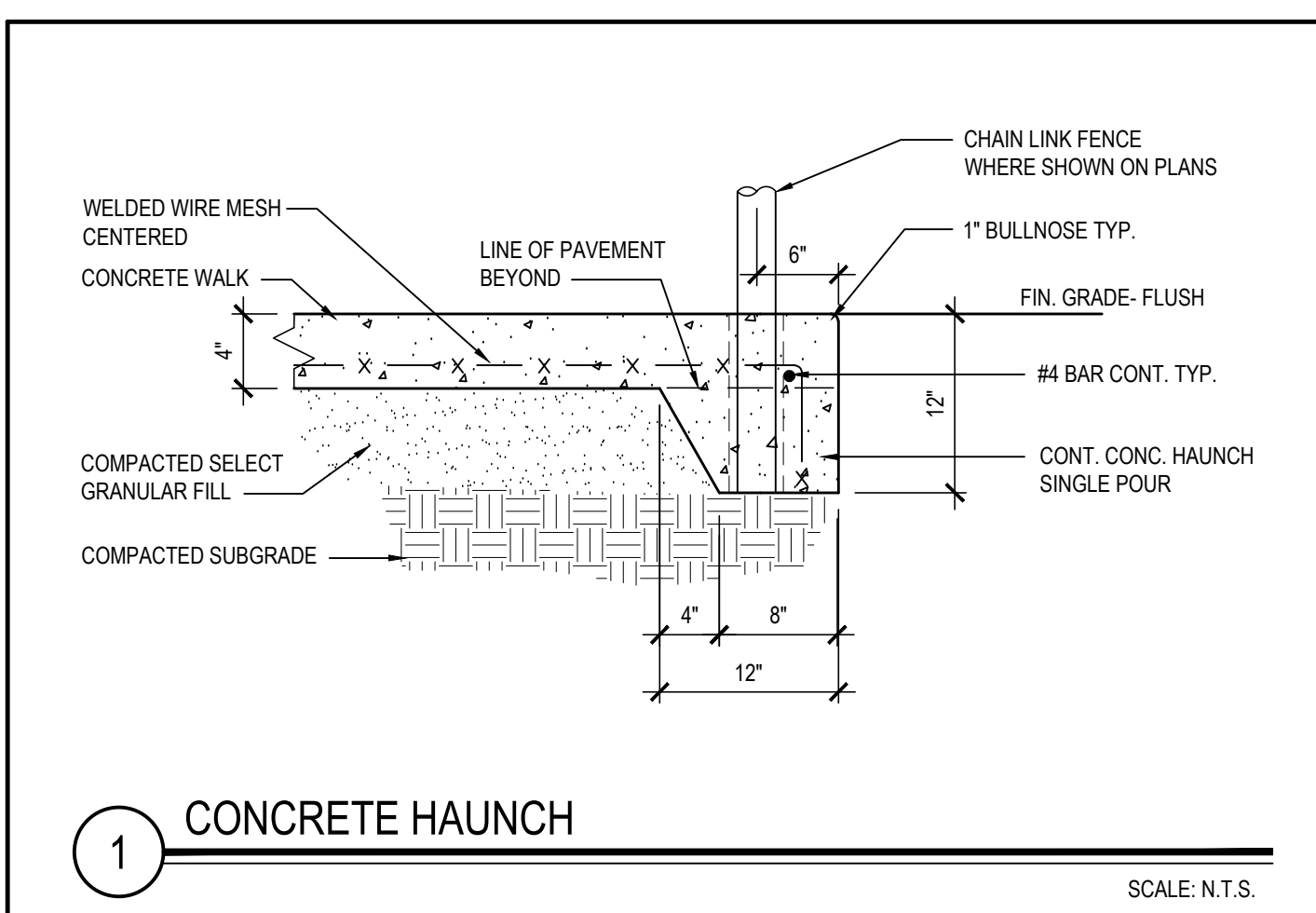
5 CAPPING DETAIL FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



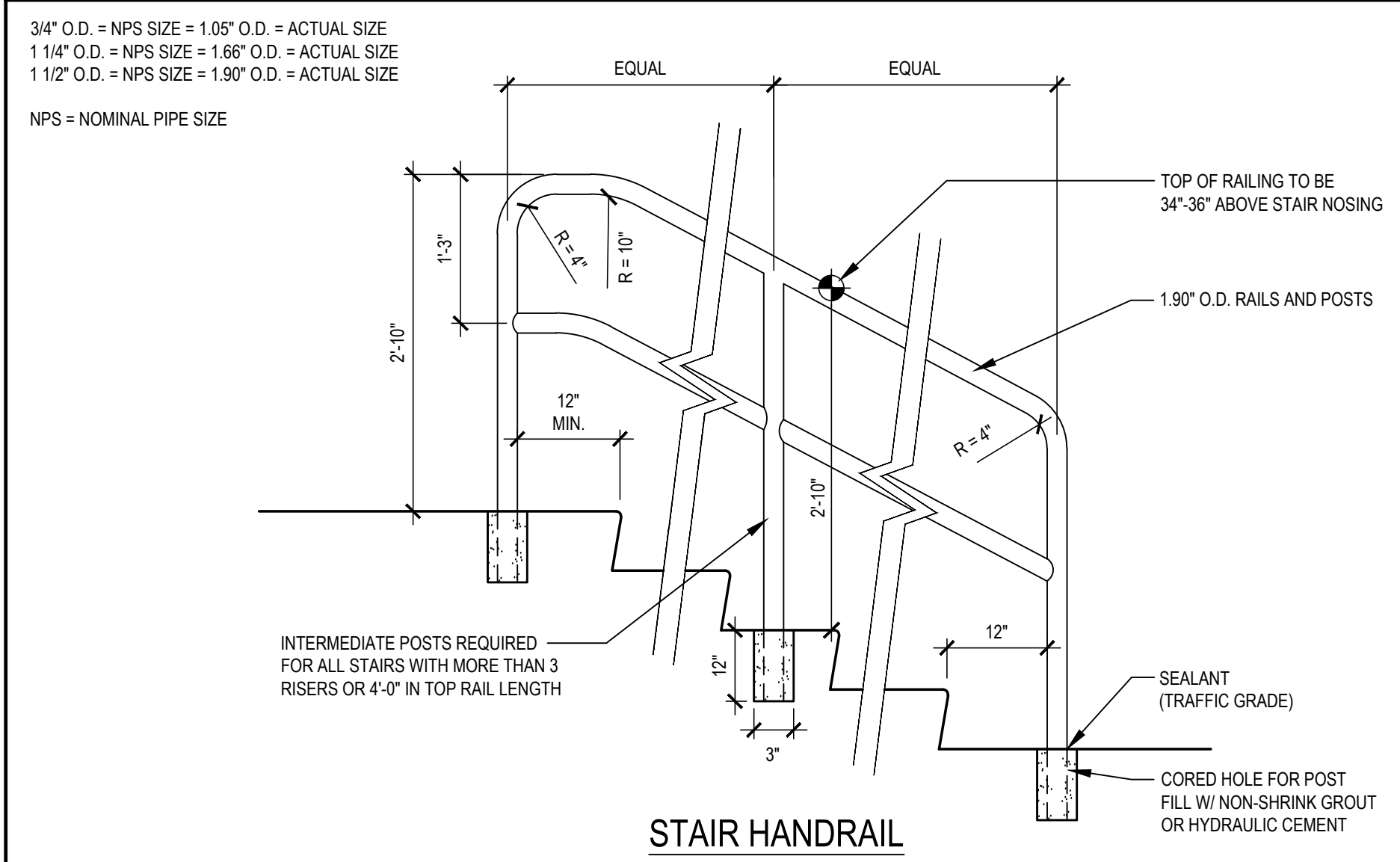
7 CAP UNITS FOR SEGMENTAL BLOCK RETAINING WALL  
SCALE: N.T.S.



14 CONCRETE CURB FOR SYNTHETIC GRASS ANCHOR  
SCALE: N.T.S.

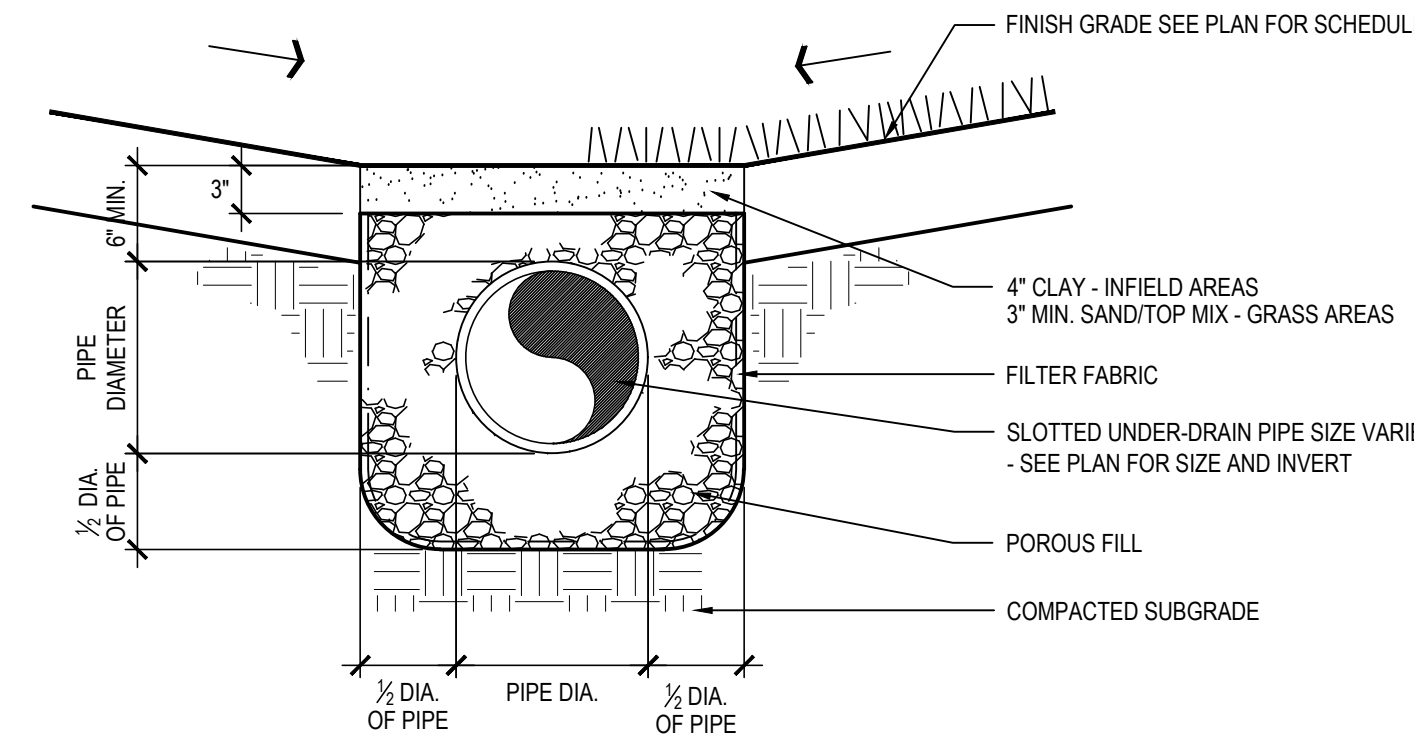


1 CONCRETE HAUNCH  
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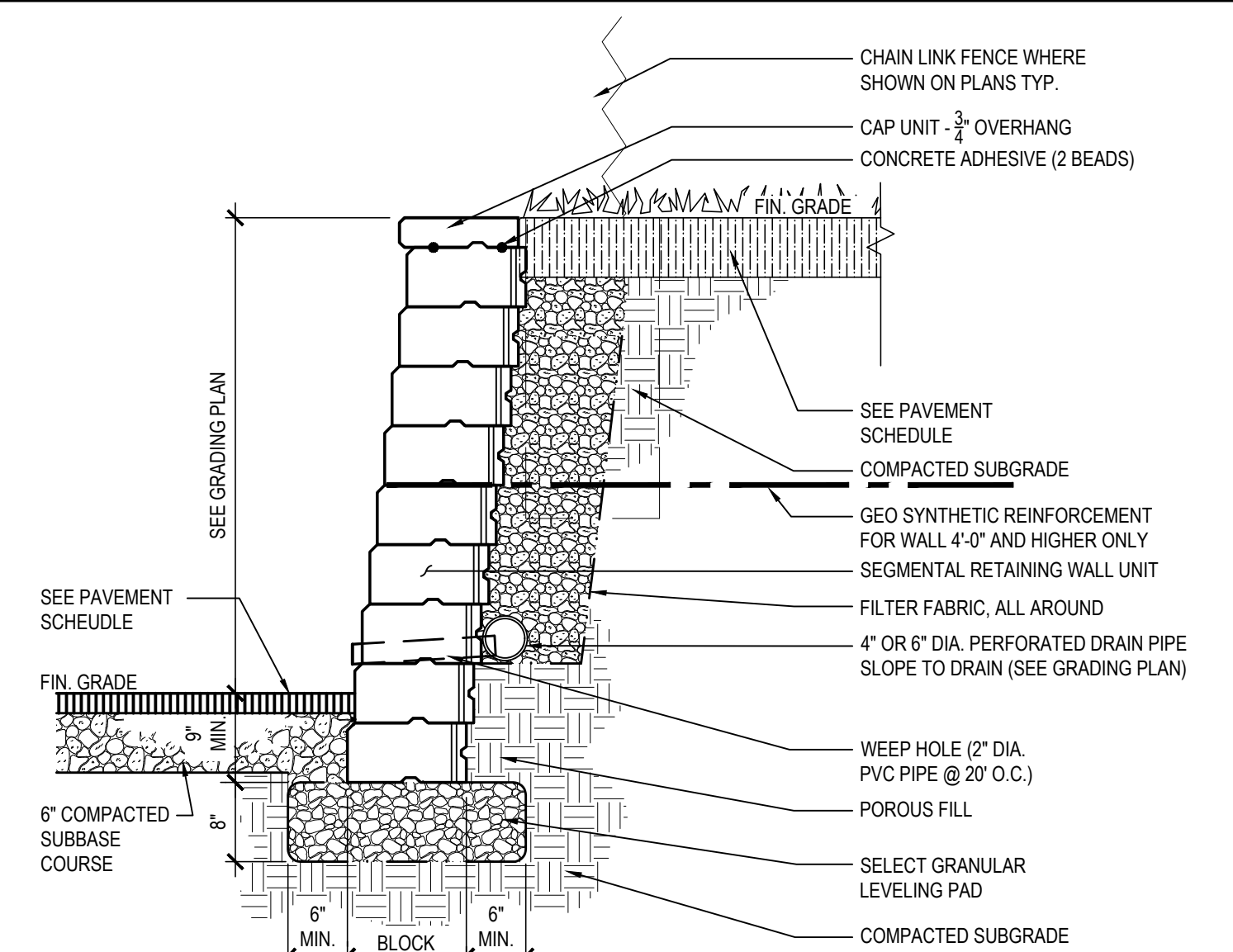


4 RAILING DETAIL  
SCALE: N.T.S.

- RAILING NOTES:**
- SEE SPECIFICATIONS FOR RAILING MATERIALS.
  - PROVIDE ALL WELDED CONNECTIONS. WELDS SHALL BE GROUND SMOOTH, AND SHALL NOT HAVE ANY VOIDS OR SHARP EDGES.
  - RAILINGS SHALL BE 1.90" O.D X 0.140" WT. PROVIDE UPPER AND MID-RAILS, AND SMOOTH RADIUS BENDS AT ALL CORNERS, AS SHOWN ON THE PLANS.
  - PROVIDE ALL NEW RAILINGS WITH A PAINTED FINISH (1 COAT PRIMER AND 2 FINISH COATS). COLOR SHALL BE SELECTED BY OWNER.
  - RAILING HEIGHT SHALL BE AS SHOWN ON THE PLANS. MINIMUM PERMISSIBLE HEIGHT IS 2'-10". MAXIMUM PERMISSIBLE HEIGHT IS 3'-0".
  - WHERE SHOWN ON THE PLANS, FILL ANNULAR SPACE BETWEEN SLEEVES AND POSTS WITH NON-SHRINK GROUT. PROVIDE SEALANT AT TOP OF SLEEVES, AROUND ENTIRE PERIMETER OF POST.



3 TYPICAL UNDER-DRAIN DETAIL  
SCALE: N.T.S.



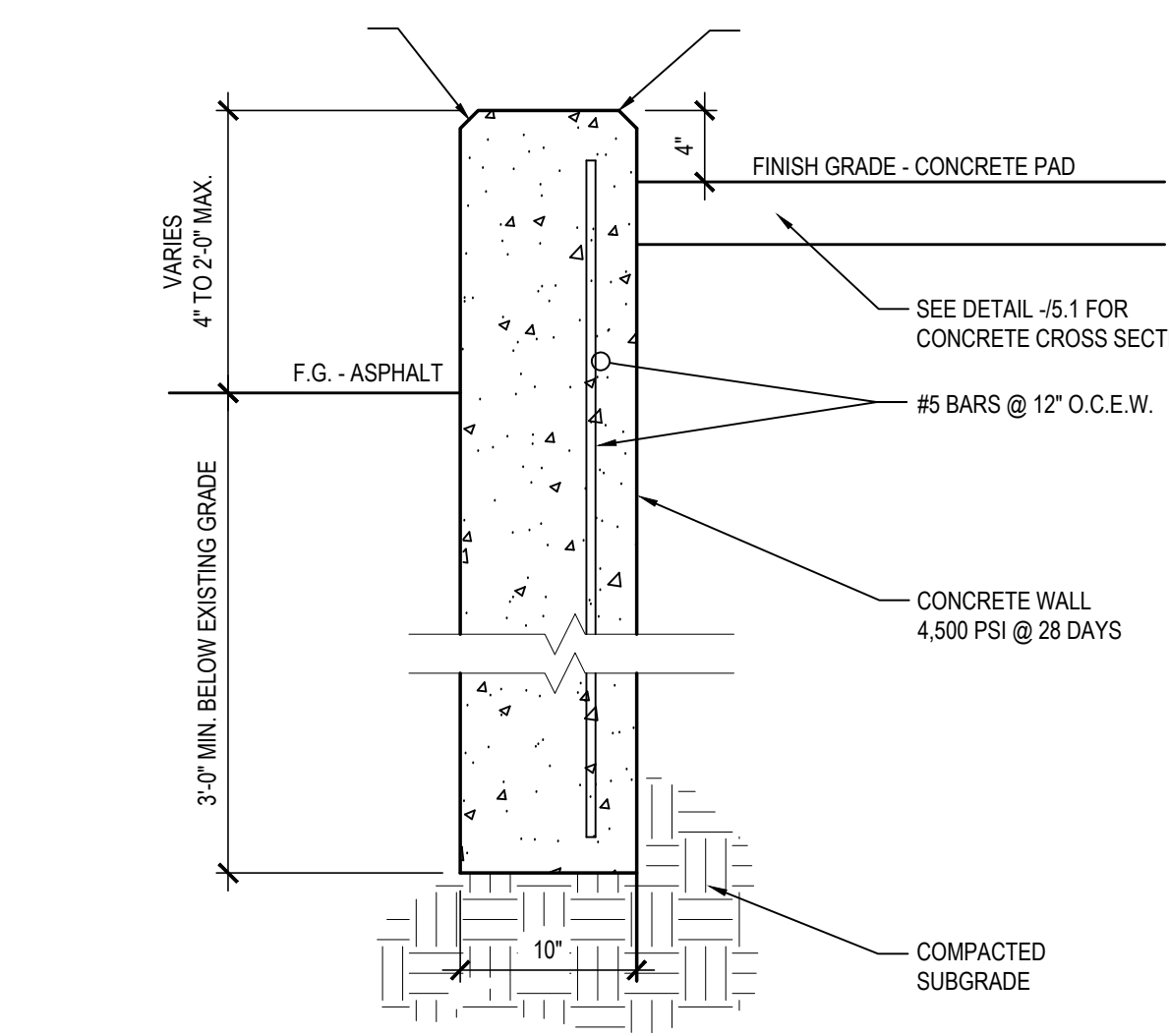
2 SEGMENTAL BLOCK RETAINING WALL - TYPE B (4' HT. & HIGHER)  
SCALE: N.T.S.





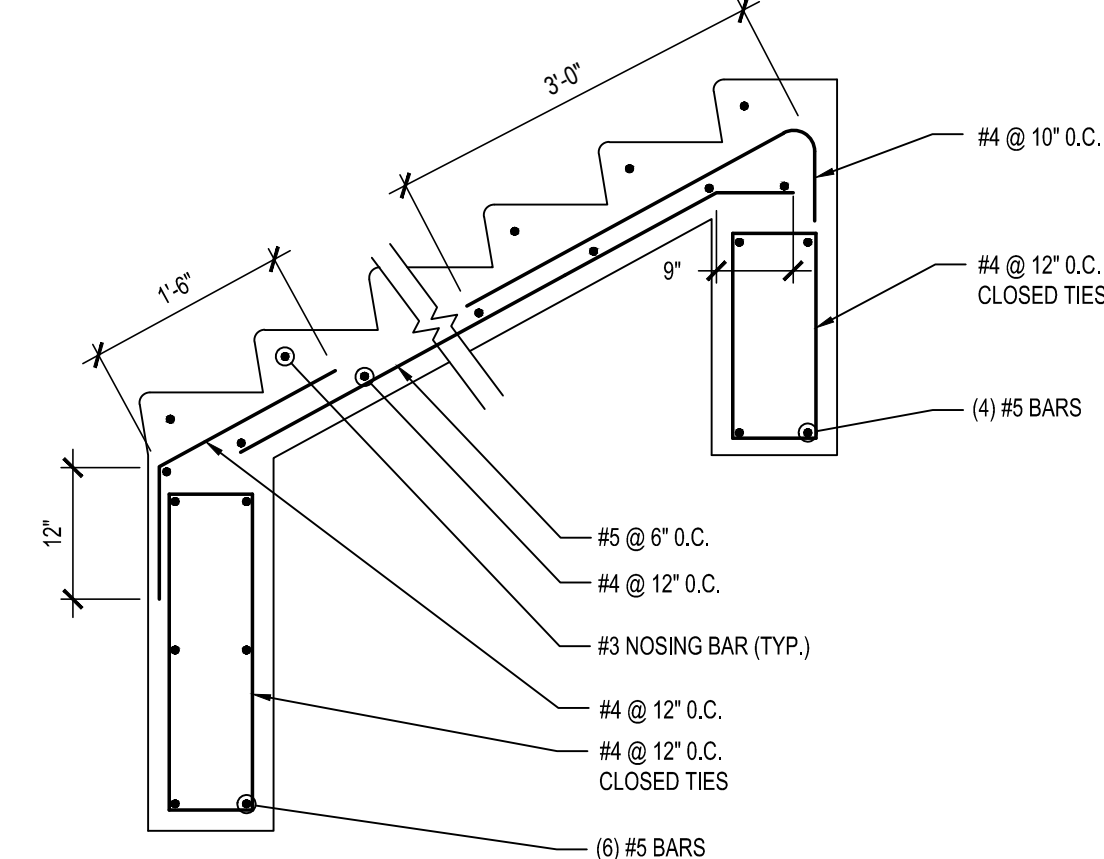


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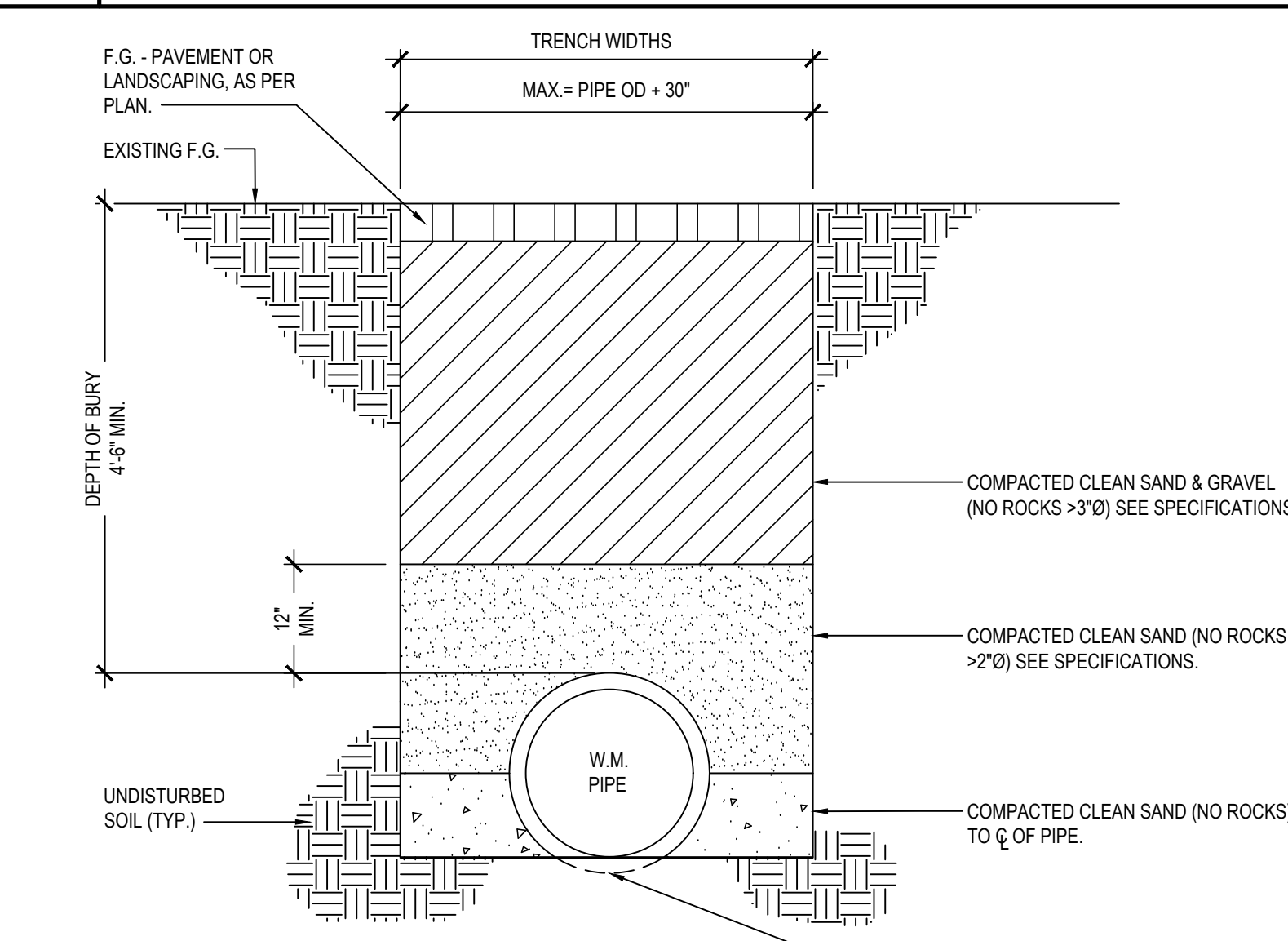
8 CHEEK WALL DETAIL

SCALE: N.T.S.



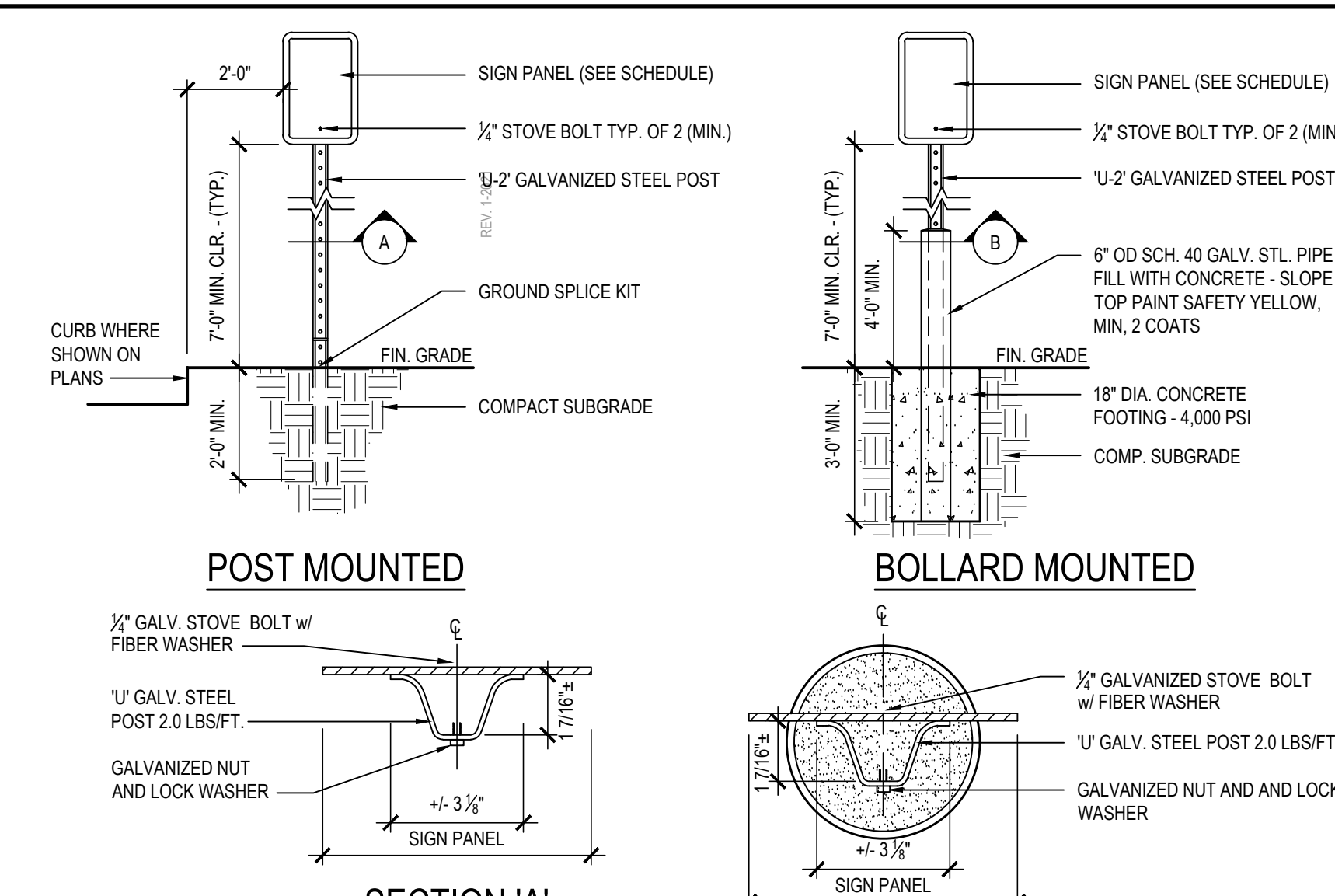
7 TYPICAL STAIR REINFORCEMENT

SCALE: N.T.S.



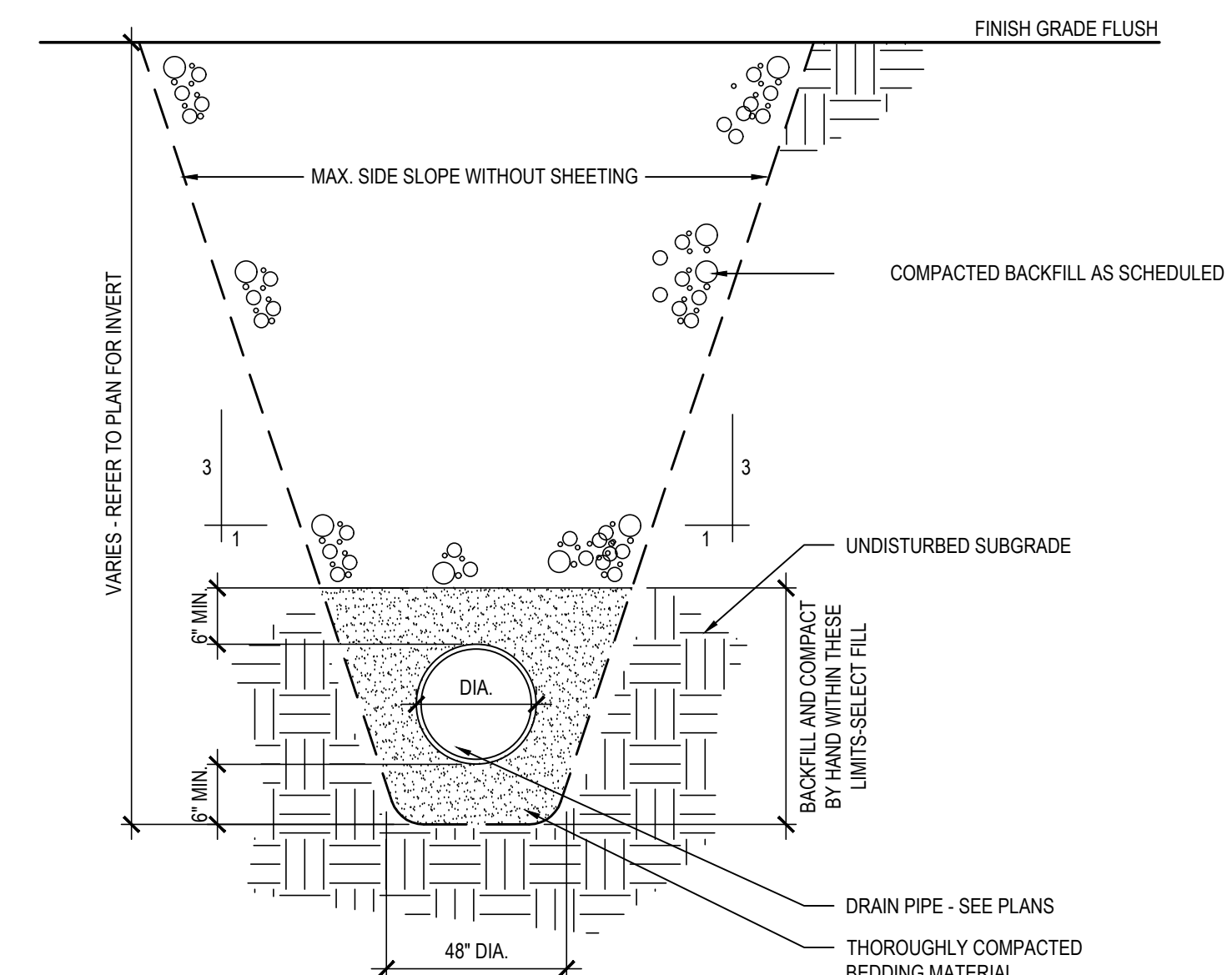
6 TYPICAL WATER PIPE TRENCH DETAIL

SCALE: N.T.S.



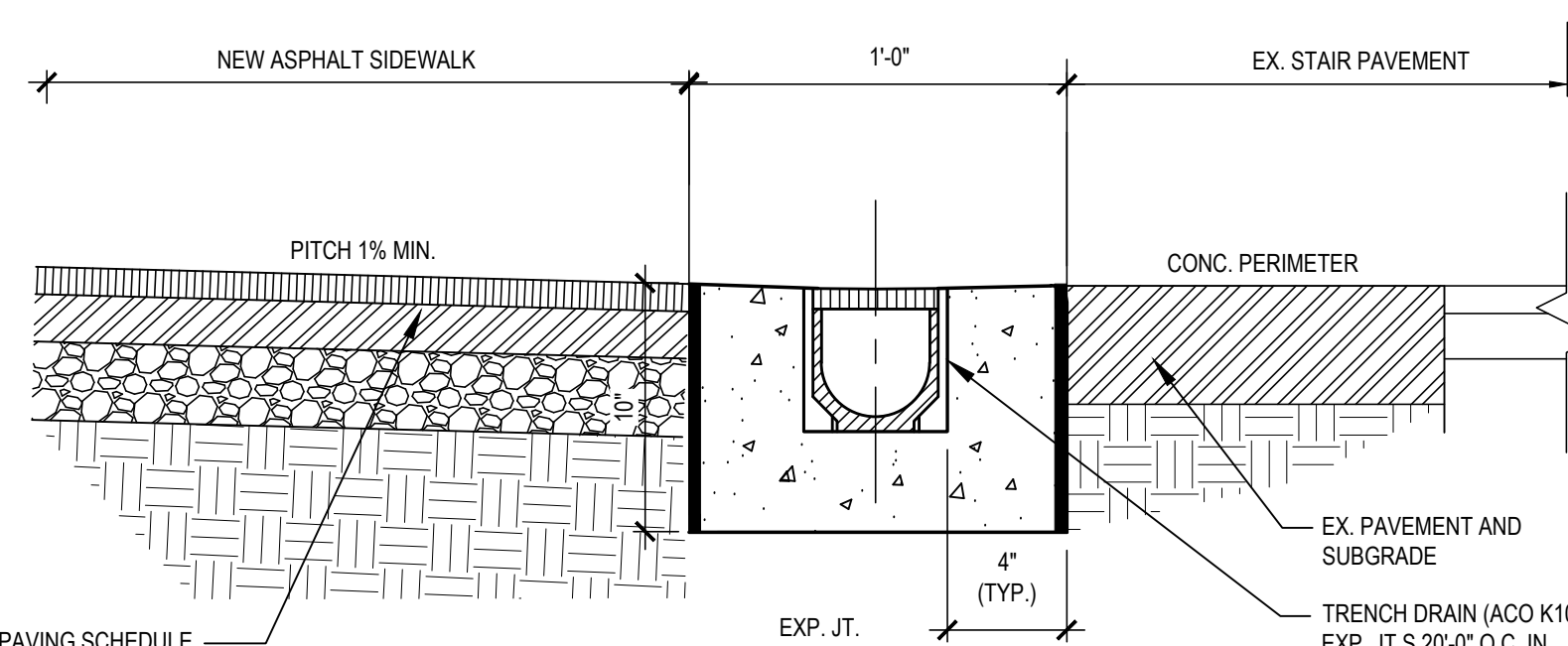
5 TRAFFIC SIGN POST DETAIL

SCALE: N.T.S.



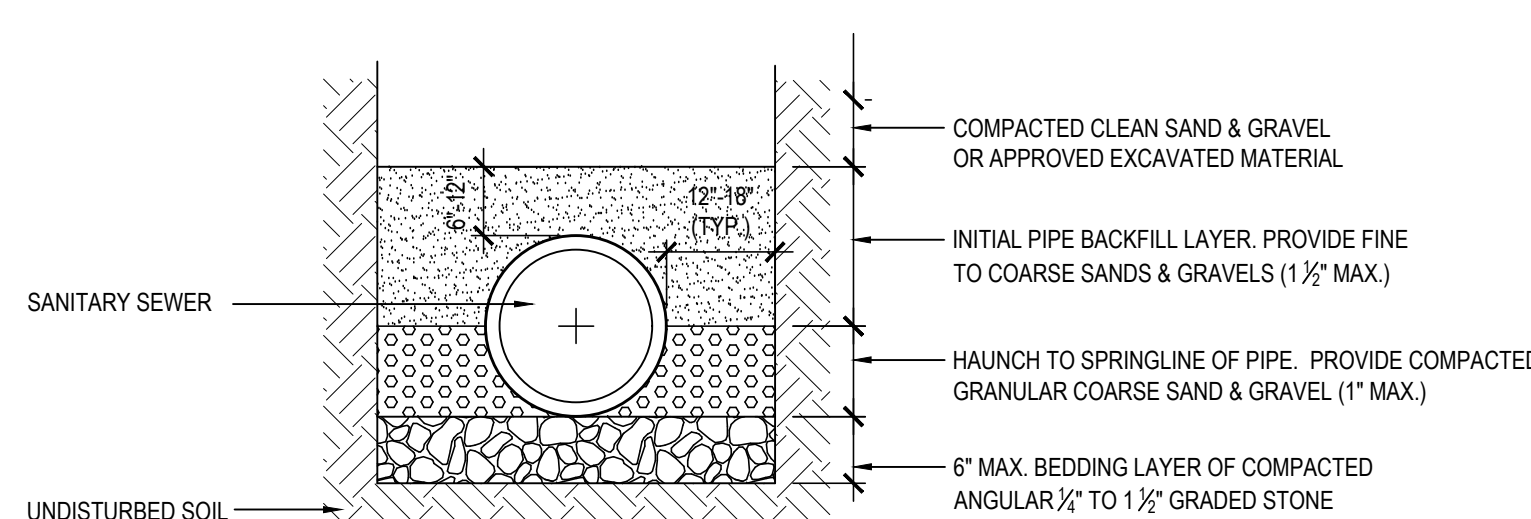
1 STORM DRAIN TRENCH DETAIL

SCALE: N.T.S.



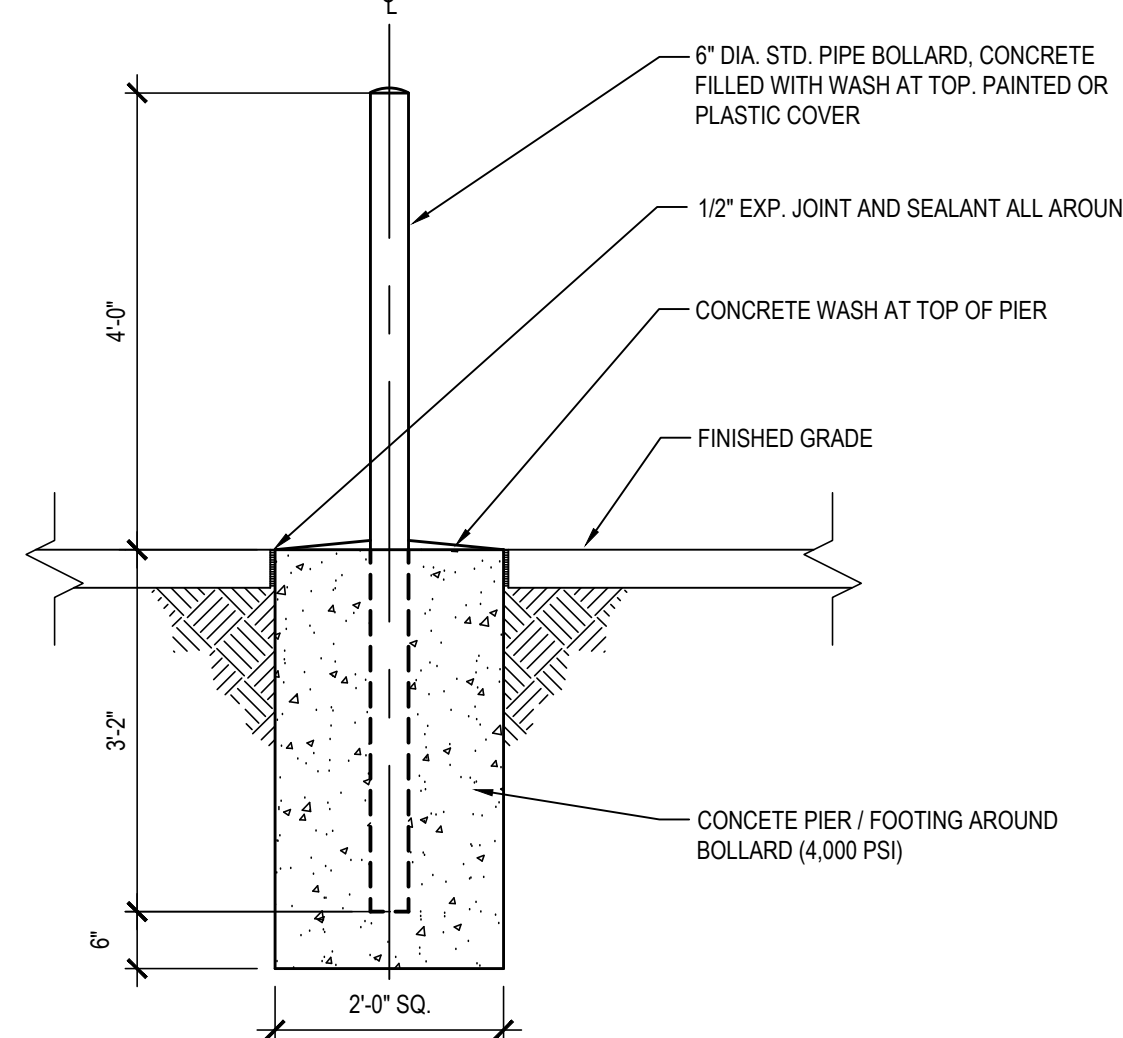
2 TRENCH DRAIN DETAIL

SCALE: N.T.S.



3 TYPICAL SECTION at SANITARY SEWER

SCALE: N.T.S.

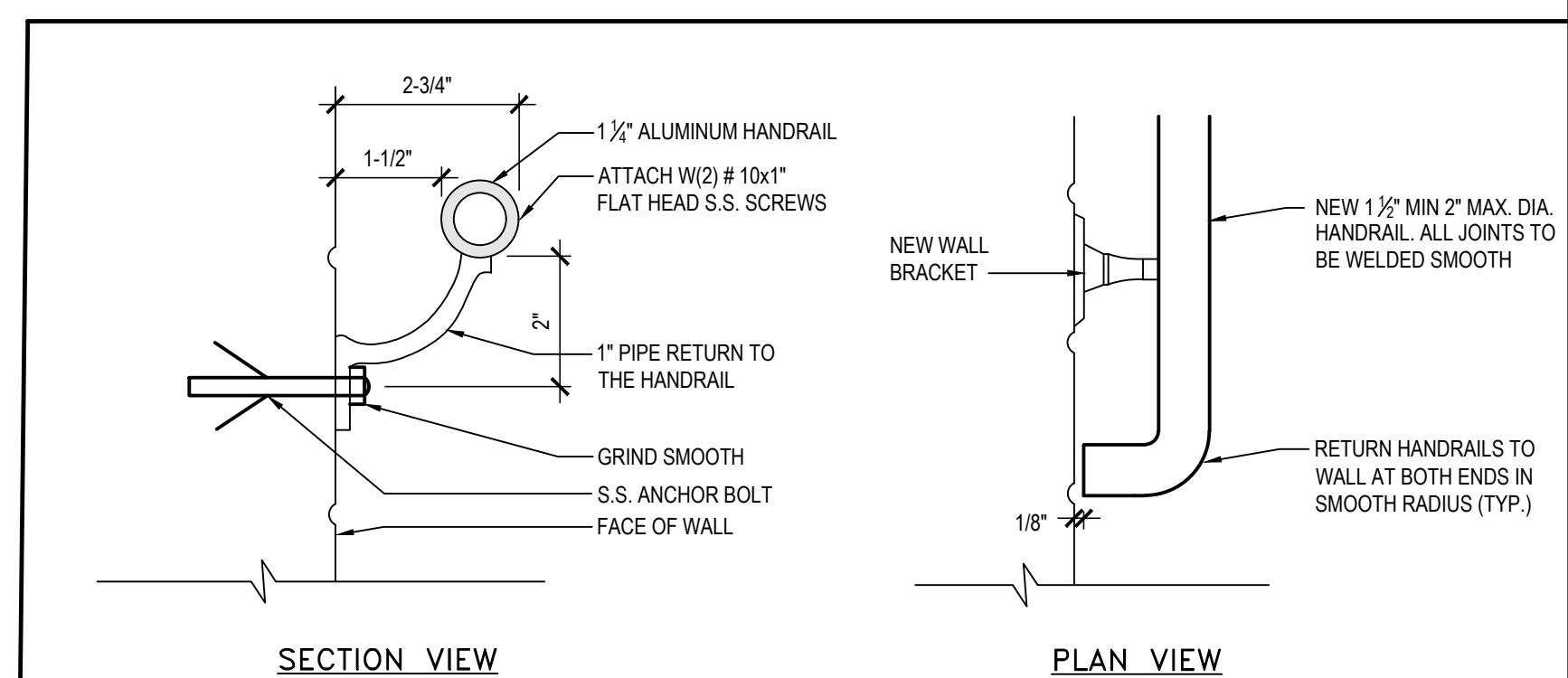


4 STEEL BOLLARD

SCALE: N.T.S.

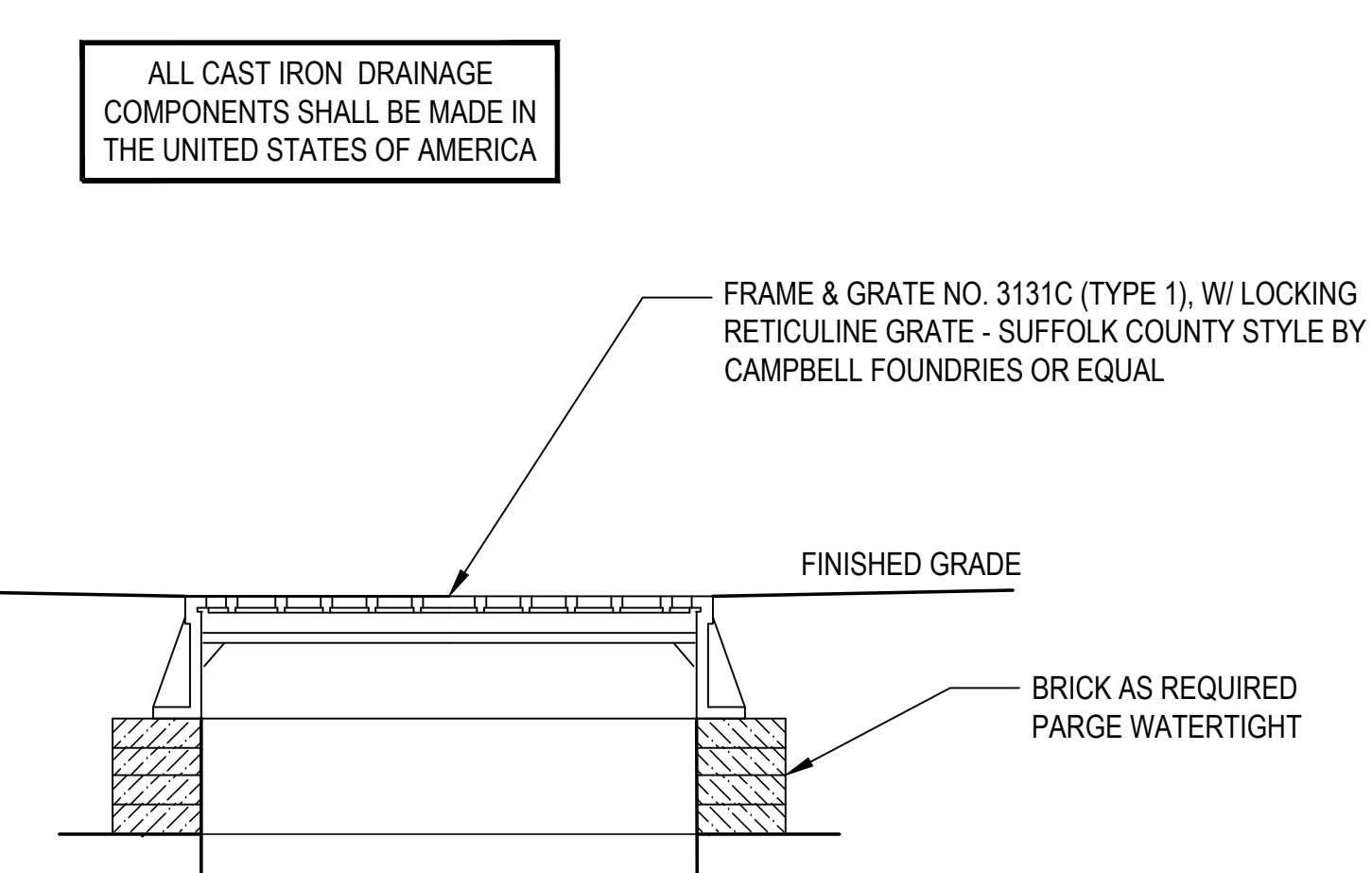
12 RAMP ELEVATION / TYPICAL HANDRAIL DETAIL

SCALE: N.T.S.



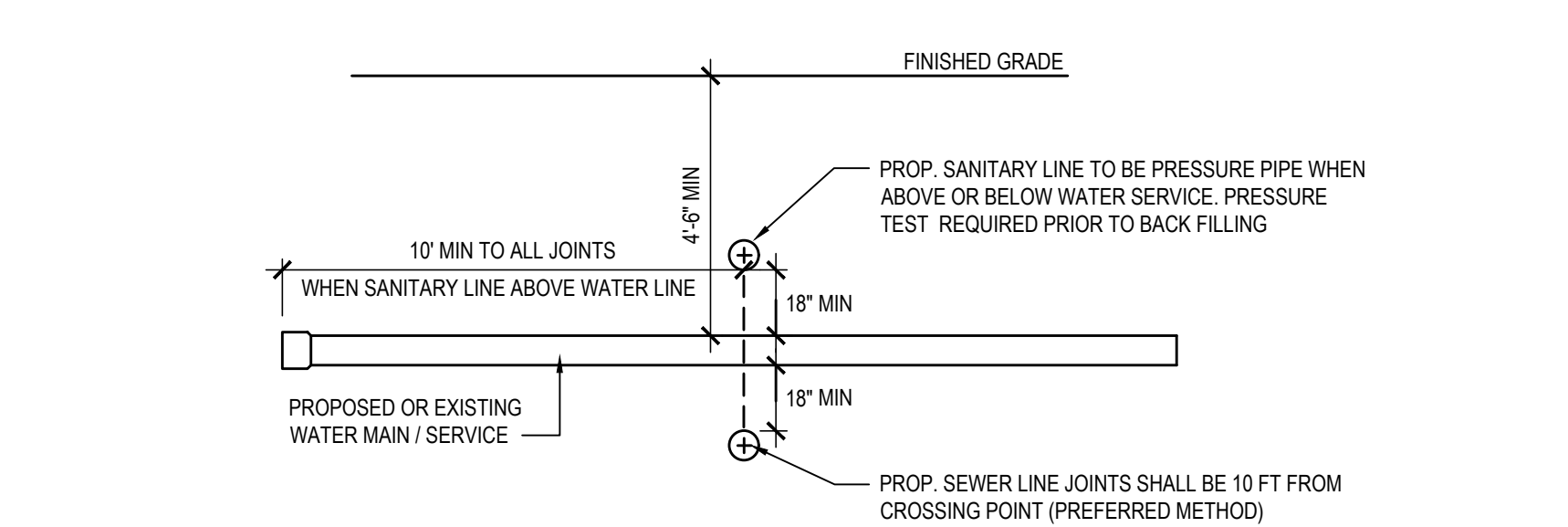
11 WALL MOUNTED HANDRAIL DETAIL

SCALE: N.T.S.



10 TYPE 2 FRAME AND GRATE FOR DRAINS

SCALE: N.T.S.



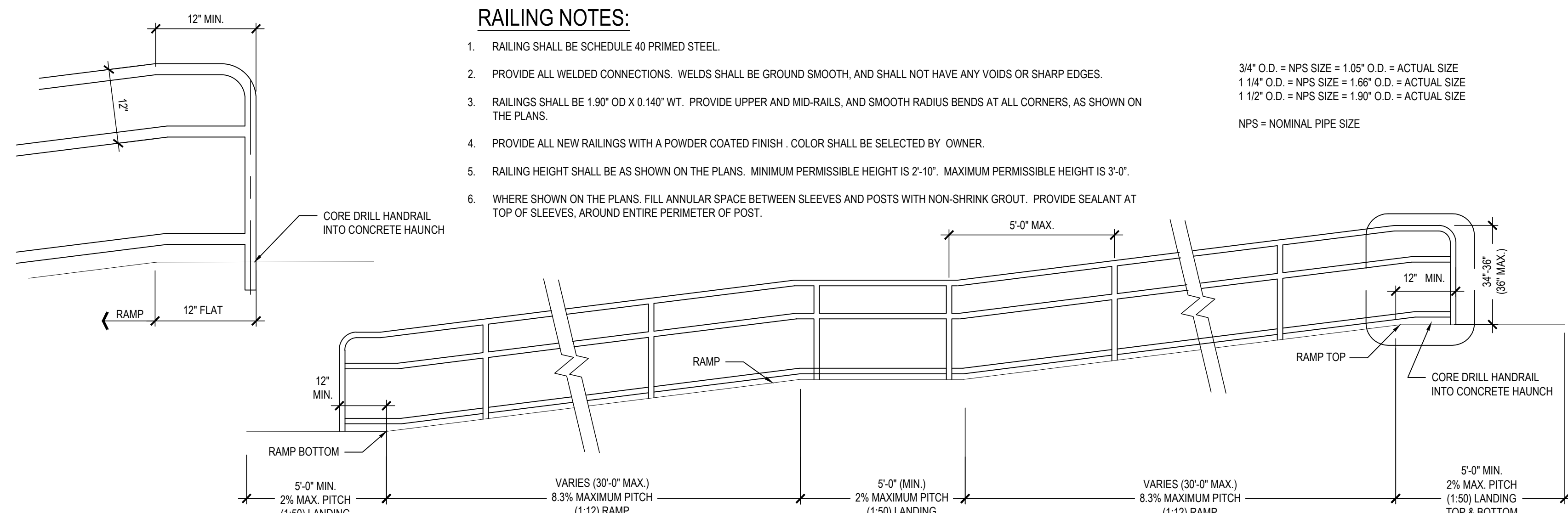
9 SANITARY / WATER CROSSING DETAIL

SCALE: N.T.S.

### RAILING NOTES:

1. RAILING SHALL BE SCHEDULE 40 PRIMED STEEL.
2. PROVIDE ALL WELDED CONNECTIONS. WELDS SHALL BE GRIND SMOOTH, AND SHALL NOT HAVE ANY VOIDS OR SHARP EDGES.
3. RAILINGS SHALL BE 1.90\"/>

3/4\"/>



REV.	DATE	ITEM

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### KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
ALL SCHOOLS

TOWN of BEDFORD / WESTCHESTER COUNTY

SITE DETAILS

PROJECT

DWG TITLE

DRAWING BY: CTC  
CHECK BY: SG

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: CAPITAL IMPROVEMENTS - BOND PHASE 2

DWG TITLE: SITE DETAILS

SCALE: AS NOTED

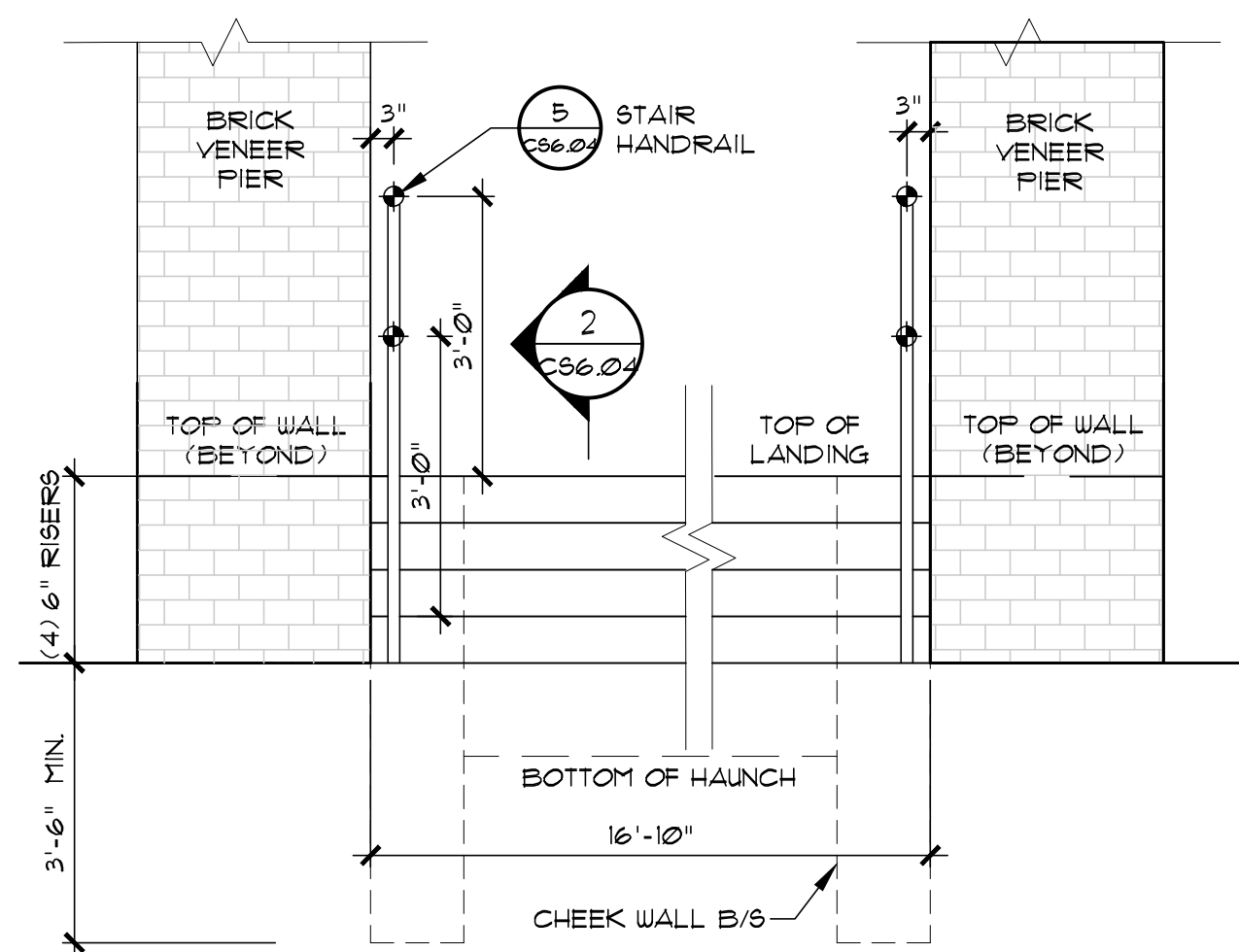
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BID PICK-UP: FEBRUARY 24, 2025

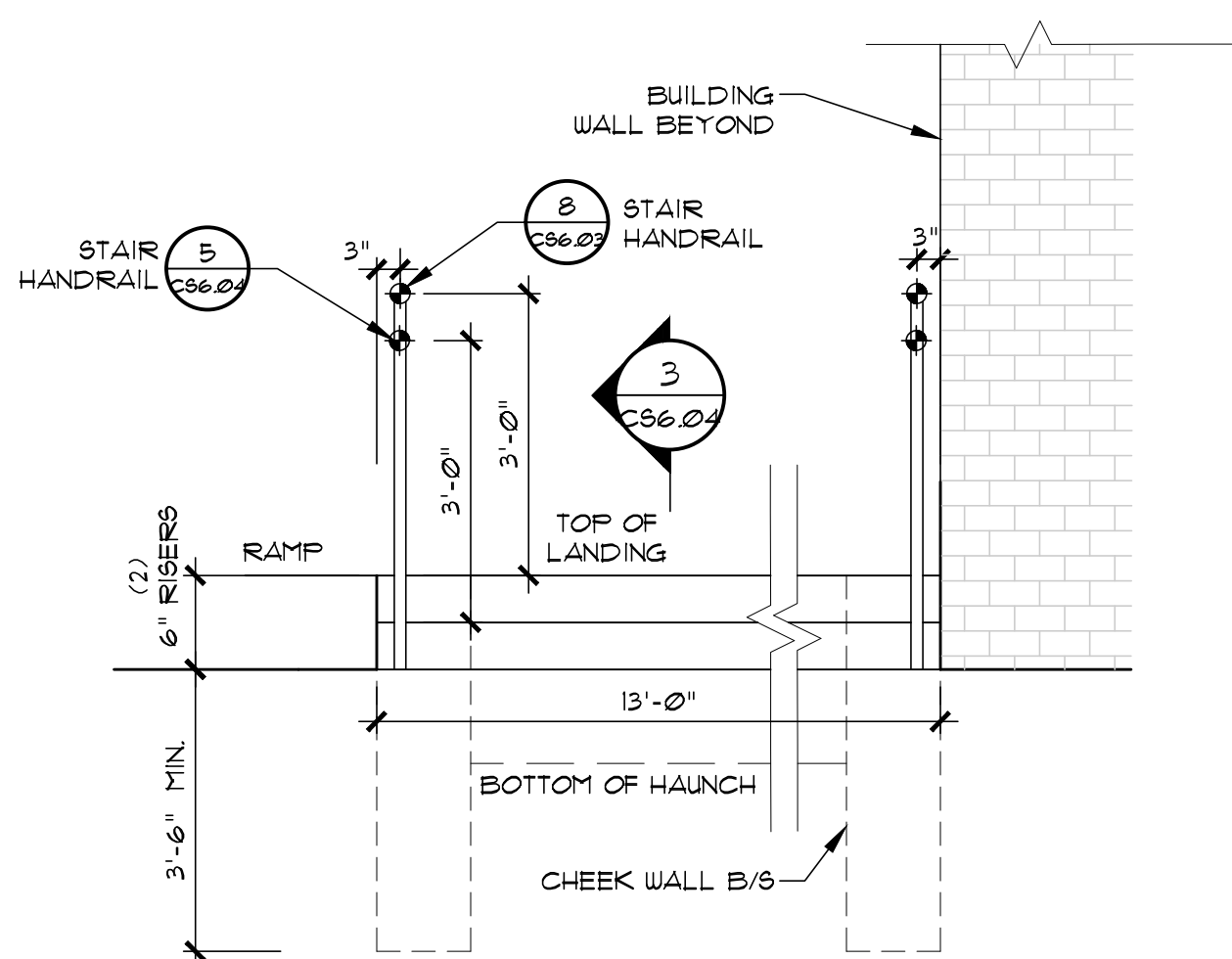
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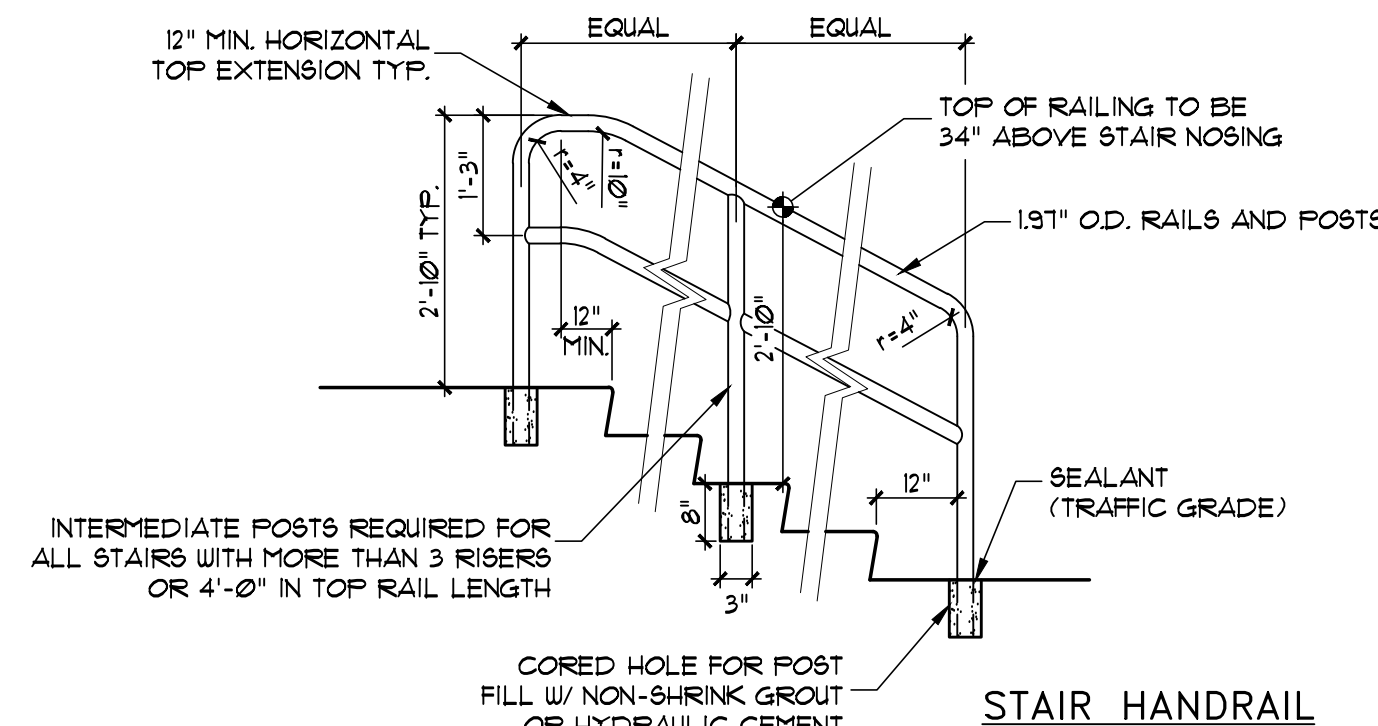
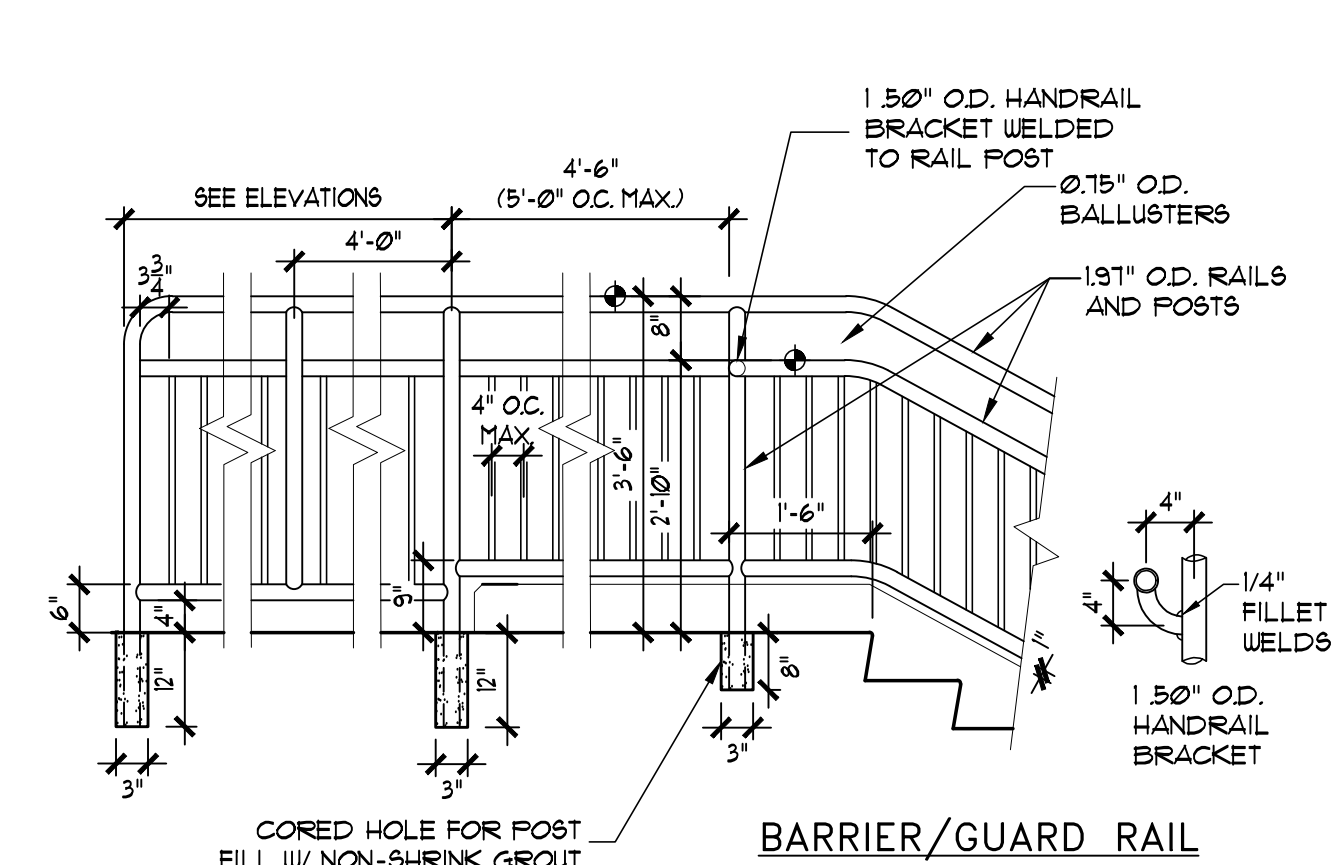




9 STAIR ELEVATION 1  
CS6.04 SCALE: 1/2" = 1'-0"



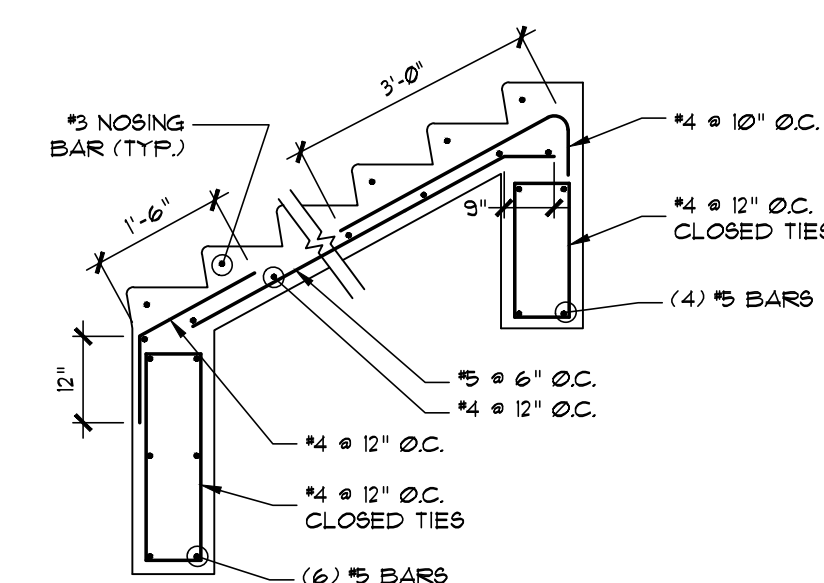
8 STAIR ELEVATION 2  
CS6.04 SCALE: 1/2" = 1'-0"



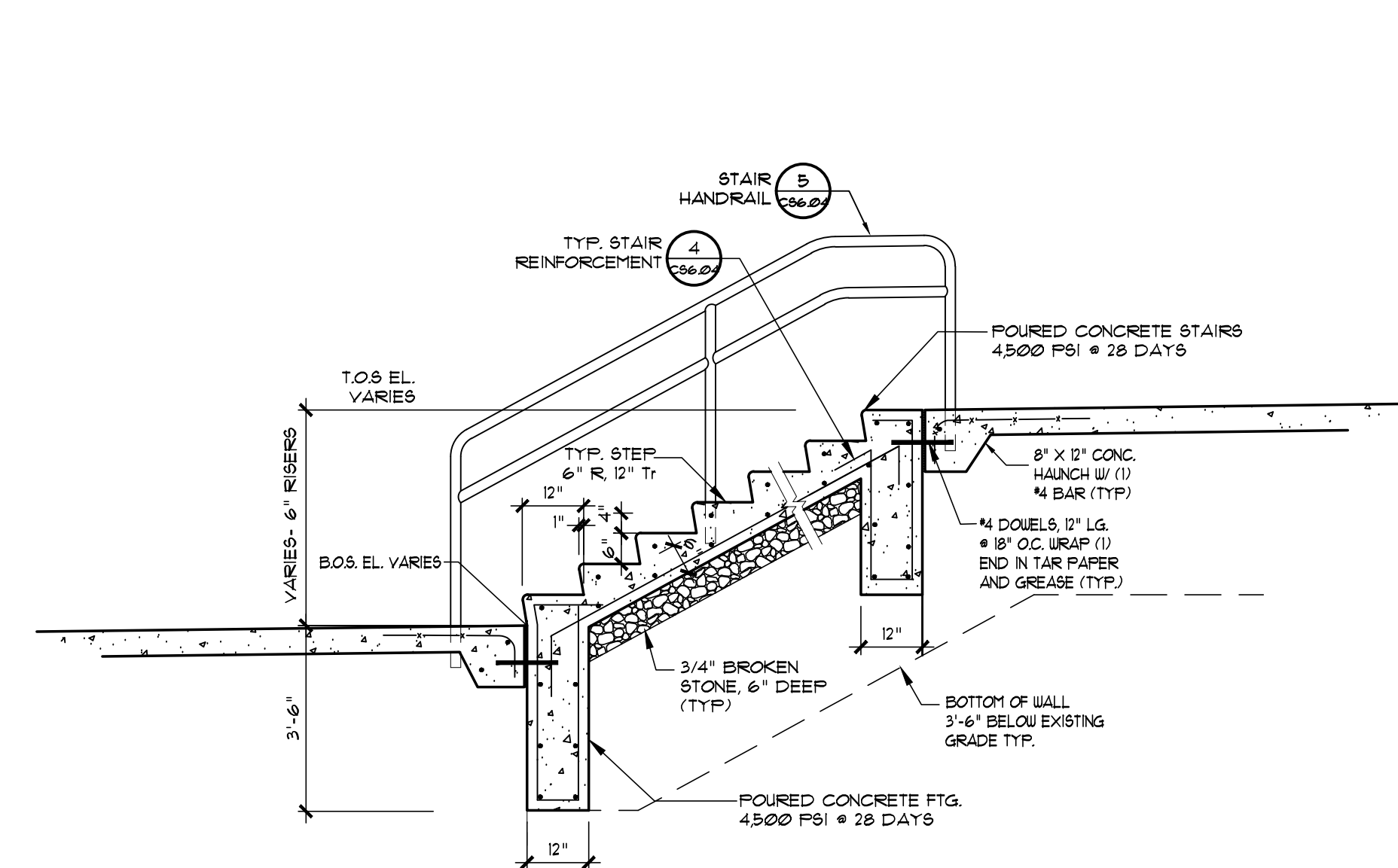
RAILING NOTES:

1. SEE SPECIFICATIONS FOR RAILING MATERIALS.
2. PROVIDE ALL WELDED CONNECTIONS. WELDS SHALL BE GRIND SMOOTH AND SHALL NOT HAVE ANY VOIDS OR SHARP EDGES.
3. RAILINGS SHALL BE 1.51\"/>
4. PROVIDE ALL NEW RAILINGS WITH A FACTORY APPLIED POLYESTER POWDER COAT FINISH.
5. RAILING HEIGHT SHALL BE AS SHOWN ON THE PLANS. MINIMUM PERMISSIBLE HEIGHT IS 2'-10\"/>
6. WHERE SHOWN ON THE PLANS, FILL ANNUAL SPACE BETWEEN SLEEVES AND POSTS WITH NON-SHRINK GROUT. PROVIDE SEALANT AT TOP OF SLEEVES, AROUND ENTIRE PERIMETER OF POST.

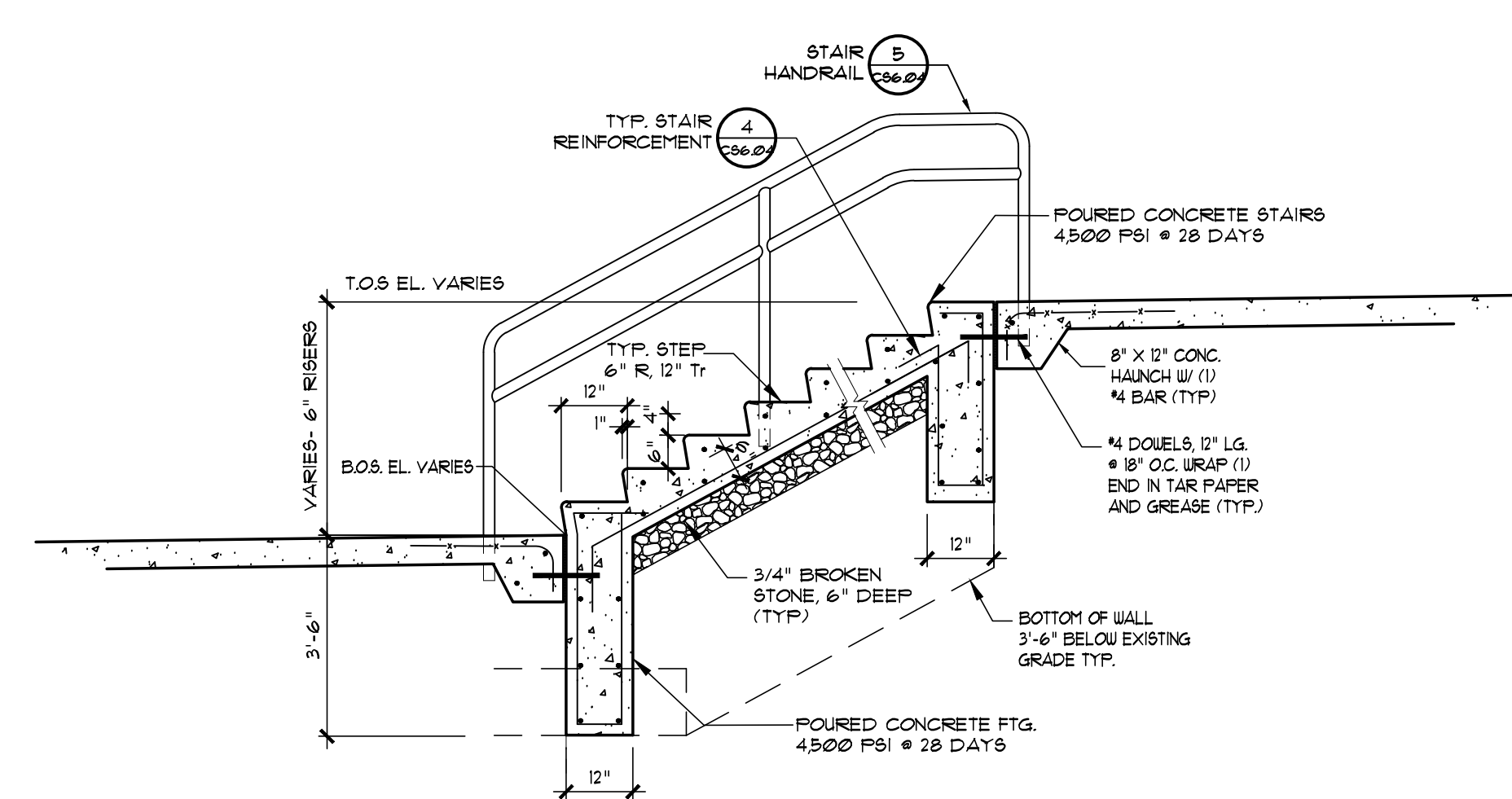
5 RAILING DETAILS  
CS6.04 NOT TO SCALE



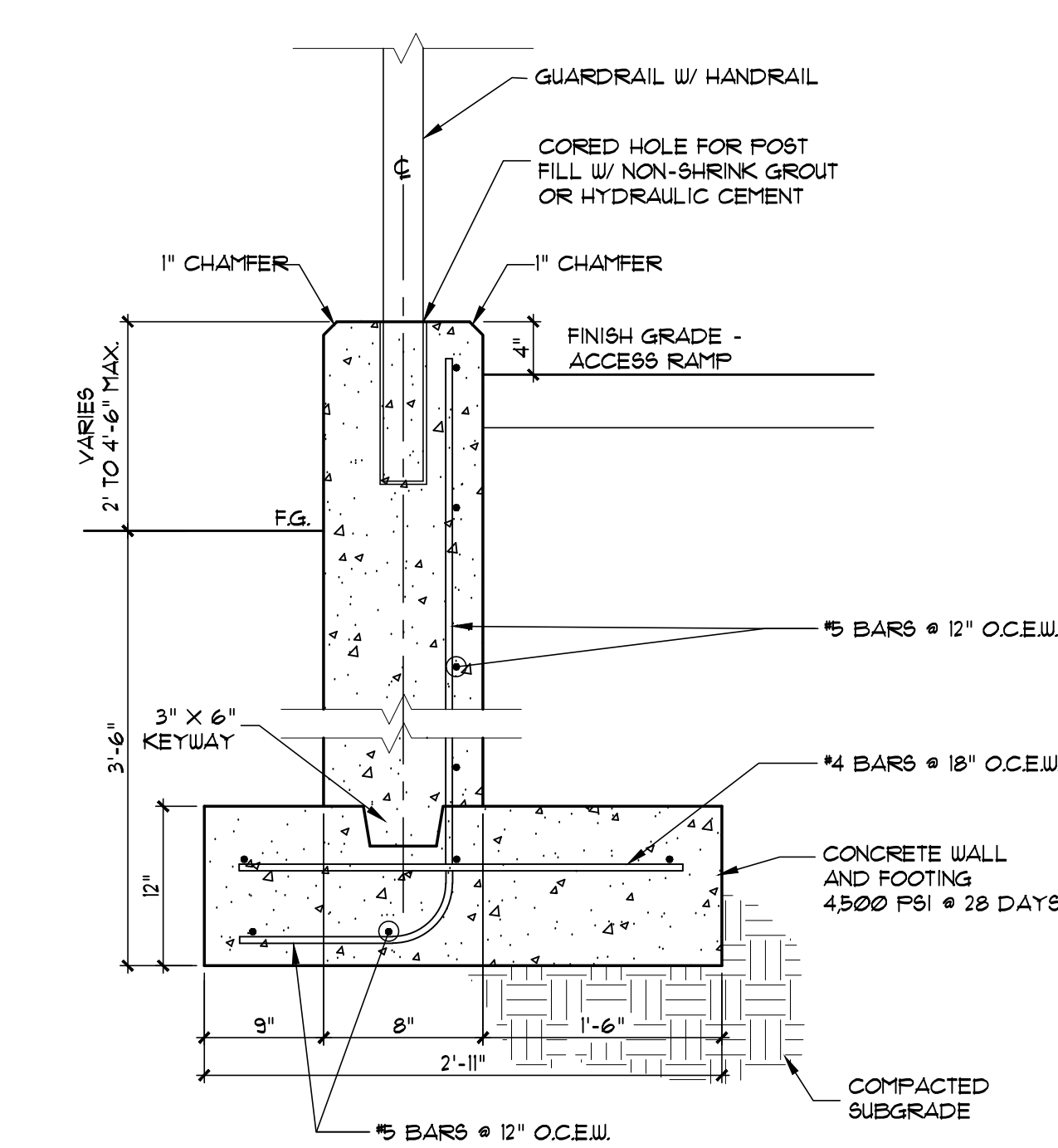
4 TYP. STAIR REINFORCEMENT  
CS6.04 SCALE: 1/2" = 1'-0"



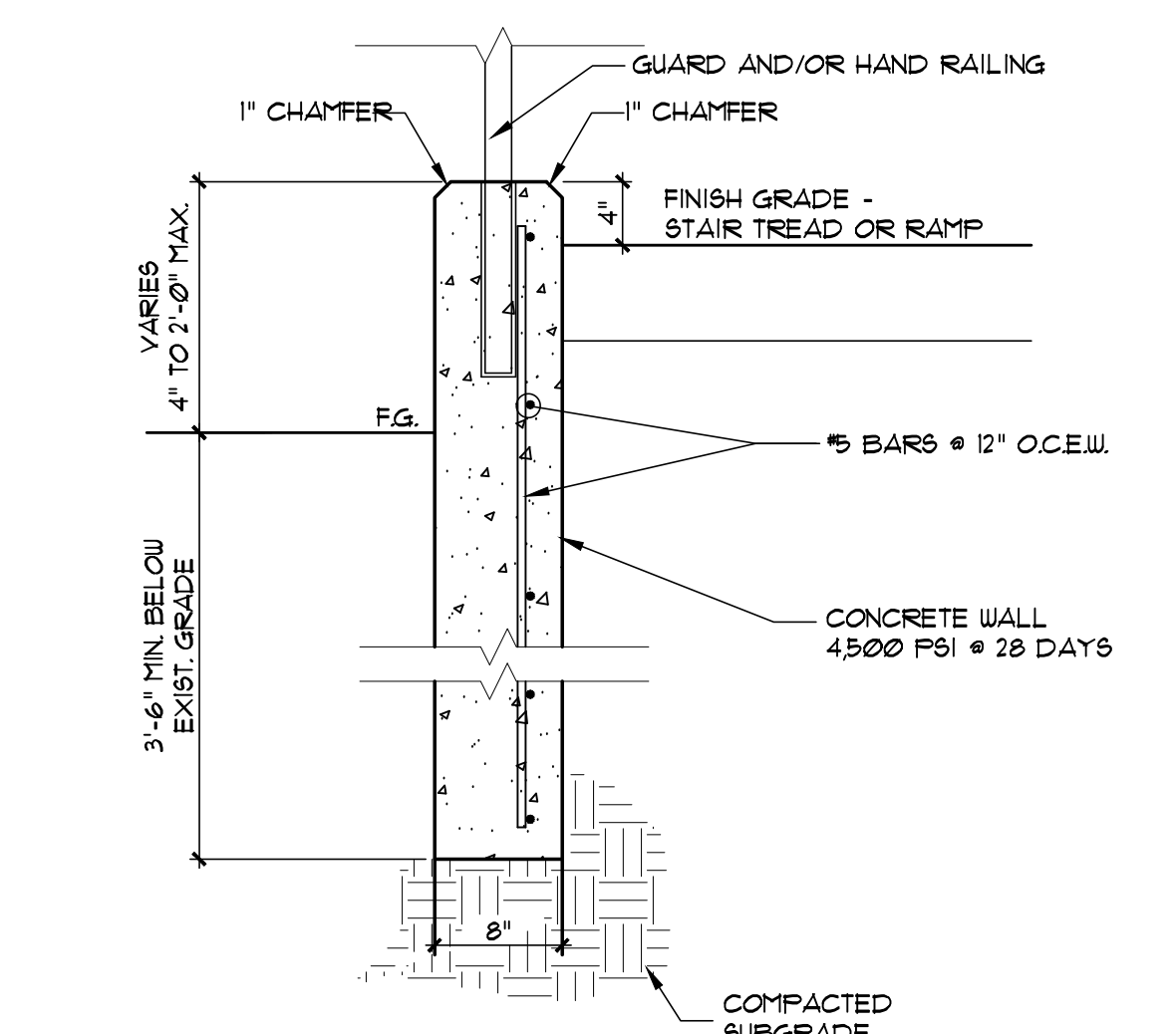
3 STAIR SECTION 2  
CS6.04 SCALE: 1/2" = 1'-0"



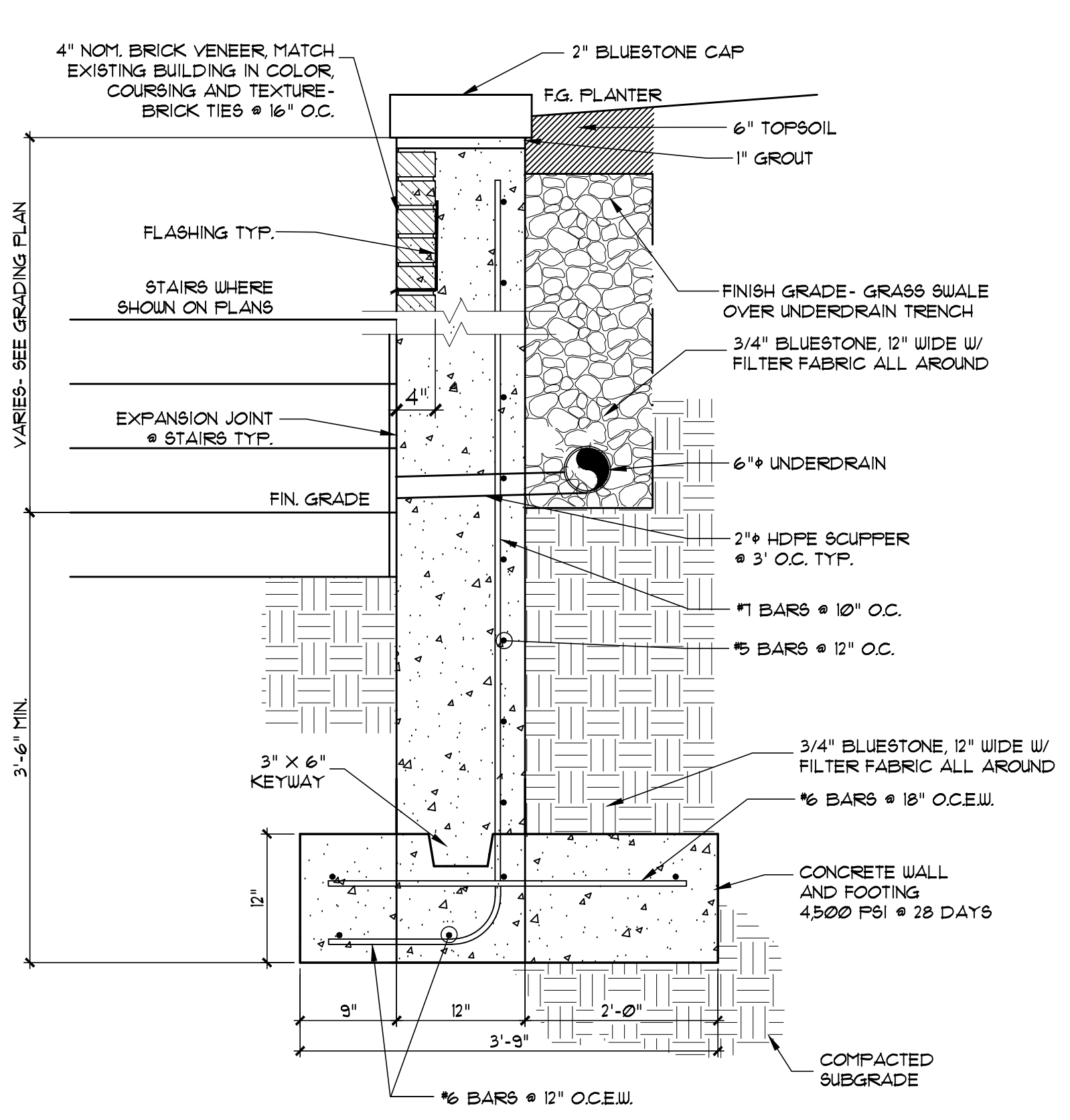
2 STAIR SECTION 1  
CS6.04 SCALE: 1/2" = 1'-0"



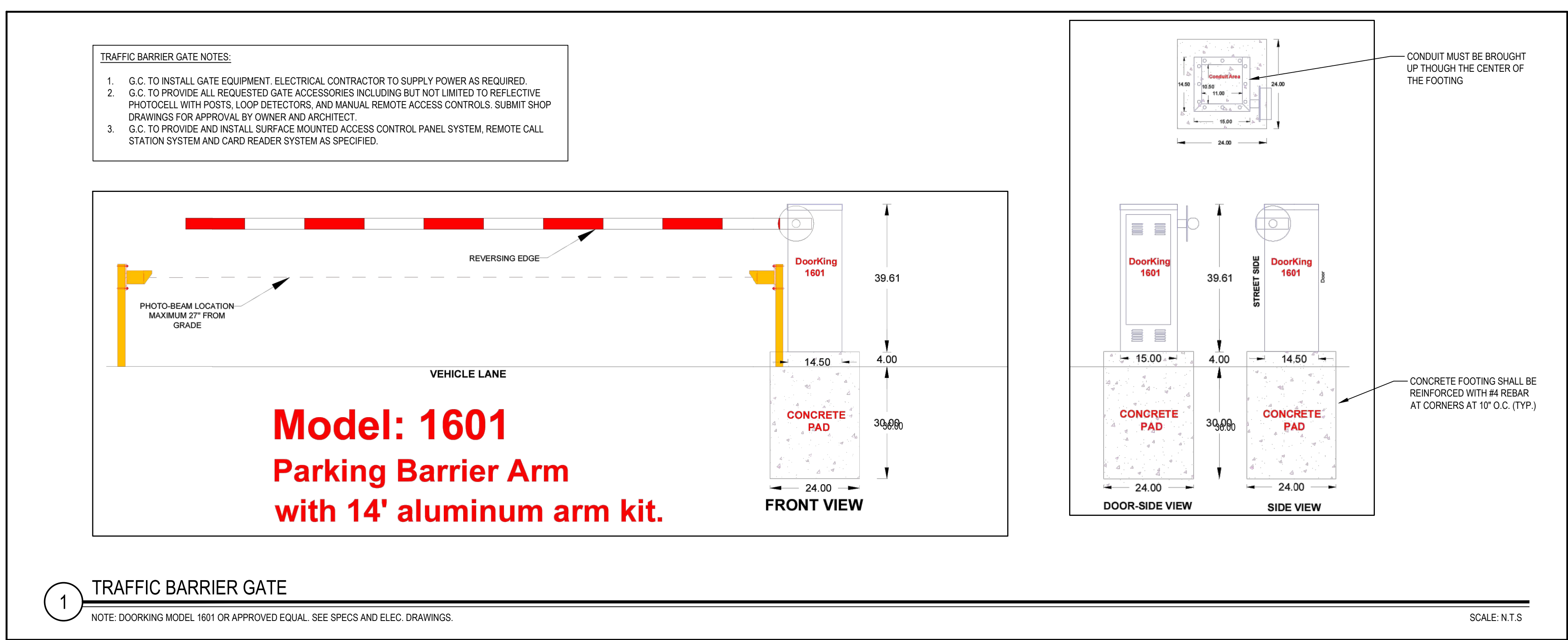
7 RAMP WALL 2 DETAIL  
CS6.04 NOT TO SCALE



6 RAMP WALL 1 DETAIL  
CS6.04 NOT TO SCALE



5 RETAINING WALL  
CS6.04 SCALE: 1/2" = 1'-0"



1 TRAFFIC BARRIER GATE  
NOTE: DOOR KING MODEL 1601 OR APPROVED EQUAL. SEE SPECS AND ELEC. DRAWINGS.

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
ALL SCHOOLS  
TOWN OF BEDFORD / WESTCHESTER COUNTY  
DWG TITLE  
SITE DETAILS

DRAWING BY: CTC  
CHECK BY: SG

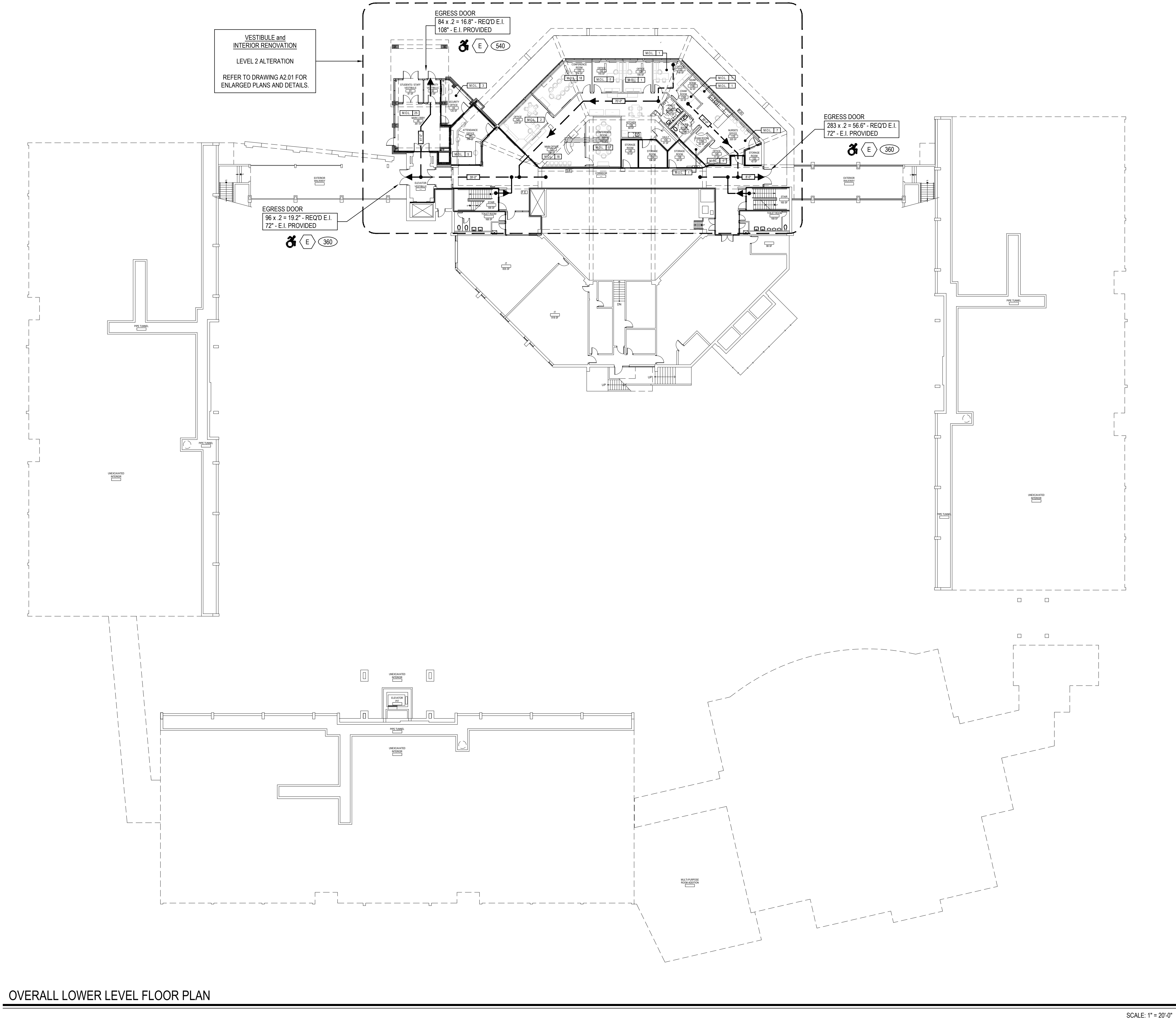
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SED No. 66-01-02-06-0-007-013  
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT CAPITAL IMPROVEMENTS - BOND PHASE 2  
DWG TITLE SITE DETAILS  
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DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No. 23-131

CS6.04





OVERALL LOWER LEVEL FLOOR PLAN

SCALE: 1" = 20'-0"

## FIRE RESISTANCE RATING DESCRIPTIONS

REFER TO U.L. RATED ASSEMBLY DESCRIPTIONS AND DOCUMENTATION FOR COMPLETE RATED CONSTRUCTION AND FIRE RESISTANCE REQUIREMENTS.

SMOKE PARTITION - (0) HR RATED CONSTRUCTION - CONSTRUCT PARTITION IN ACCORDANCE WITH IBC 2015 SECTION 710 SMOKE PARTITIONS. EXTEND FROM FINISHED FLOOR TO BOTTOM OF FLOOR/ROOF STRUCTURE ABOVE AND SEAL AT TOP, BOTTOM, AND ALL PENETRATIONS TO PROHIBIT THE PASSAGE OF SMOKE THROUGH EACH SMOKE COMPARTMENT.

FIRE BARRIER - (1) HR RATED CONSTRUCTION  
U.L. RATED U955/U956 OR U419

FIRE BARRIER - (2) HR RATED CONSTRUCTION  
U.L. RATED U955/U956 OR U419

FIRE WALL - (2) HR RATED CONSTRUCTION  
U.L. RATED U955/U956

STRUCTURAL FIRE PROTECTION REQUIREMENTS (NON-SPRINKLERED)

PER SECTION 903.2.3, THE FOLLOWING SHALL BE PROVIDED:  
• 2 HR. HORIZONTAL FIRE BARRIER (UL D25)  
• 2 HR. FIRE RESISTANCE RATING UL X532 AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB)

• TYPICAL 8" CMU WALL ASSEMBLY SHALL CONFORM TO U.L. DESIGN U955, PROVIDES A MAXIMUM 2 HR. RATING. (REFER TO PLAN FOR ALL 1 HR. AND 2 HR. WALL ASSEMBLY LOCATIONS) TO INCLUDE: ALL CONCRETE BLOCK SHALL BE CLASSIFIED D-2 (2HR). CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER. ALL MORTAR FOR BLOCK WORK SHALL BE LAID IN FULL BED, NORMAL 3/8" THICK. VERTICAL JOINTS TO BE STAGGERED.

• TYPICAL 5" GYP. BD. WALL ASSEMBLY SHALL CONFORM TO U.L. DESIGN U419, PROVIDES A MAXIMUM 1 HR. RATING. COMPOSITION TO BE 3/8" METAL STUDS WITH (1) LAYER 3/8" FIRECODE GYP. BD. EACH SIDE. CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER.

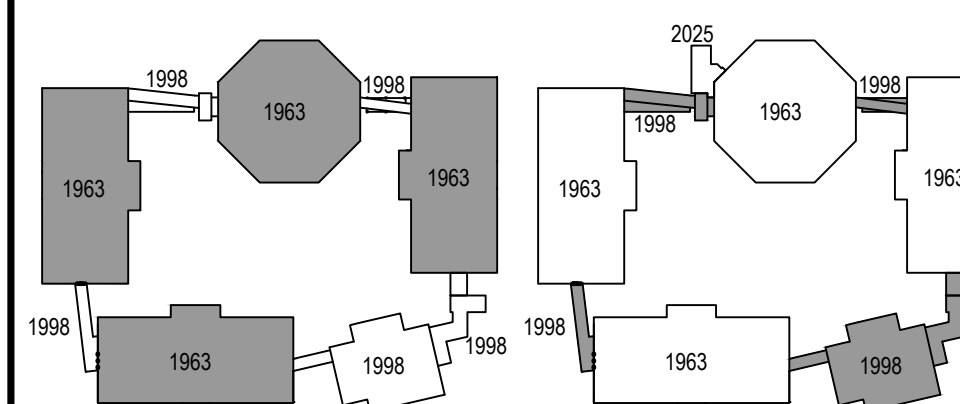
• WHERE APPLICABLE IN THE U.L. DESIGN, FIRE RATINGS SHALL BE ACHIEVED UTILIZING SPRAY APPLIED FIREPROOFING ON STRUCTURAL COMPONENTS AND/OR BY DECKING MATERIAL THICKNESS AND COVERAGE AS SPECIFIED IN DESIGNATED U.L. DESIGNS.

• D925/ P919 - 2 HR. RATED FLOOR AND ROOF CONSTRUCTION - SPRAY APPLIED FIREPROOFING SHALL BE "ISOLTEK" BLAZE SHIELD II LOW DENSITY SPRAY APPLIED FIREPROOFING OR ARCHITECT APPROVED EQUAL. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.

• X532 - 2 HR. RATED COLUMNS - AT ALL COLUMNS SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR SLAB). THIN-FILM INTUMESCENT FIELD APPLIED COATING(S) SHALL BE "MULLFIRE" S606 BASECOAT (AND TOP SEAL FOR ALL EXPOSED COLUMNS). PRIMER AND TOP SEAL MUST BE COMPATIBLE WITH BASECOAT SYSTEM. REFER TO SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.

• FOR FIRESTOPPING, PRODUCTS AND REQUIREMENTS, REFER TO SPECIFICATION SECTION 078413 AND SECTION 078443.

## BUILDING ADDITION AREA KEY PLANS



ORIGINAL BUILDING DATE: 1963  
CONSTRUCTION TYPE: IIB  
LOWER LEVEL FLOOR: +/- 14,890 SF  
FIRST FLOOR: +/- 38,940 SF  
SECOND FLOOR: +/- 59,400 SF  
GROSS BUILDING: +/- 113,130 SF

ADDITION DATE: 1998  
CONSTRUCTION TYPE: IIB  
LOWER LEVEL ADDITION: +/- 3,050 SF  
FIRST FLOOR ADDITION: +/- 5,870 SF  
SECOND FLOOR ADDITION: +/- 17,245 SF  
GROSS BUILDING(S): +/- 165,460 SF

## BUILDING FIRE AREA KEY PLAN

BUILDING '1' (EXISTING)

THREE STORES

CONSTRUCTION TYPE: IIB

FIRE AREA (1): +/- 44,670 SF

BUILDING '2' (NEW)

ONE STORY

CONSTRUCTION TYPE: IIB

FIRE AREA (2): +/- 800 SF



## APPLICABLE CODE

THE PROPOSED WORK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VERSION OF THE SED MANDATED PLANNING STANDARDS, THE 2020 COMPILED OF THE INTERNATIONAL BUILDING CODE, NEW YORK STATE VERSION, IN CONJUNCTION WITH NEW YORK STATE 2016 AND 2017 CODE SUPPLEMENTS.

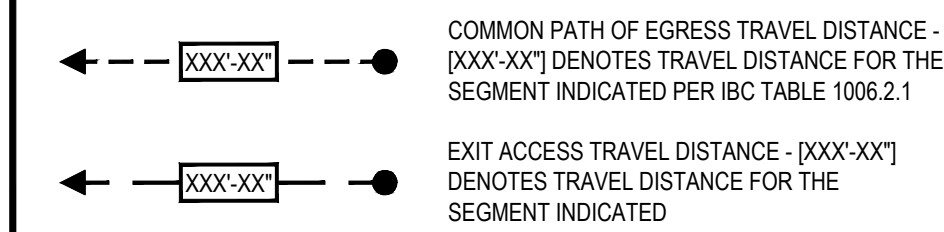
## CODE COMPLIANCE SYMBOL LEGEND

SYMBOL	DESCRIPTION
[F.E.]	NEW OR EXISTING FIRE EXTINGUISHER
[D.F.]	NEW OR EXISTING DRINKING FOUNTAIN
[S.D.]	NEW OR EXISTING SMOKE DOOR
[R.W.]	RESCUE WINDOW LOCATION
[360]	DOOR / STAIR EXITING CAPACITY
[E]	INDICATES BUILDING ENTRANCE / EXIT
[A]	INDICATES ACCESSIBLE ENTRANCE / EXIT
[M]	DOORS ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM
[4.7]	REQUIRED EXIT UNITS FOR PLACES OF ASSEMBLY.
[M.O.L.]	MAXIMUM OCCUPANCY LOAD AND PUPIL STATION COUNT
[P.S.]	(PER N.Y.S. BUILDING CODE) PUPIL STATION COUNT

## GENERAL CODE COMPLIANCE NOTES

1. REFER TO E-SERIES DRAWINGS FOR ALL NEW / EXISTING LIFE SAFETY INFORMATION INCLUDING BUT NOT LIMITED TO PULL STATIONS, EMERGENCY EXIT LIGHTS, EMERGENCY EXIT SIGNS, ETC.
2. ALL NEW CORRIDOR WALLS SHALL BE CONSTRUCTED TO ACHIEVE ONE (1) HOUR FIRE SEPARATION FROM ADJACENT SPACES. HOLD CMU 1" FROM DECK, PACK ALL VOIDS WITH SAFING INSULATION AND SEAL EACH SIDE WITH SPEED SPRAY CP 872 (TO A THICKNESS APPLICABLE TO THE WALL RATING AS MANUFACTURED BY "HILT") TO PROVIDE AN UNDERWRITERS LABORATORY APPROVED FIRE RATED JOINT SYSTEM.
3. NEW CORRIDOR FINISHES SHALL BE CLASS 'A'.
4. NEW ROOF SYSTEM SHALL BE CLASS 'A'.

## TRAVEL DISTANCE LEGEND



## FIRE RATED WALL IDENTIFICATION DETAIL

- FIRE AND/OR SMOKE BARRIER [X] - HOUR RATED PROTECT ALL OPENINGS**
1. AS REQUIRED BY IBC SECTION 703.7, THE G.C. SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MARKING AND IDENTIFICATION SIGNS INDICATING, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND OR SMOKE PARTITIONS AT ALL CONCEALED SPACES ABOVE ACCESSIBLE CEILINGS.
  2. G.C. SHALL PROVIDE SIGNS WITHIN 15 FEET OF EACH END OF WALL AND AT INTERVALS OF 30 FEET MAX. HORIZONTALLY ALONG WALL.
  3. PROVIDE SIGNS AS MANUFACTURED BY "FIRE WALL SIGNS, INC." OR ARCHITECT APPROVED EQUAL.
  4. REFER TO CODE COMPLIANCE FLOOR PLANS FOR LOCATIONS AND APPLICABLE HOURLY DESIGNATIONS OF RATED WALL CONSTRUCTION.

## RESCUE WINDOW LABEL DETAIL

- RESCUE WINDOW**
1. G.C. SHALL PROVIDE AND INSTALL NEW YORK STATE APPROVED DOUBLE SIDED "RESCUE WINDOW" DESIGNATION STICKER AT ALL PROPOSED RESCUE WINDOW LOCATIONS DESIGNATED AS "RW" ON THE DRAWINGS.
  2. REFER TO CODE COMPLIANCE PLANS FOR ADDITIONAL INFORMATION/LOCATIONS. FINAL LOCATIONS TO BE COORDINATED IN THE FIELD WITH OWNER/ARCHITECT.
  3. ANY NEW OR EXISTING WINDOW COVERINGS SHALL HAVE LABELS CLEARLY VISIBLE IN ADDITION TO IDENTIFICATION ON THE WINDOW SASH. IF STICKER CAN NOT BE AFFIXED TO WINDOW COVERINGS, THE IDENTIFICATION STICKER SHALL BE PERMITTED TO BE AFFIXED TO THE WALL IMMEDIATELY ADJACENT TO THE RESCUE WINDOW.
  4. TEXT SHALL READ "RESCUE WINDOW" AND BE READABLE FROM INTERIOR AND EXTERIOR. ALL DOUBLE SIDED STICKERS SHALL BE INSTALLED ON INTERIOR SIDE OF WINDOW SASH. WHERE REFLECTIVE GLAZING IS PROVIDED, A STICKER SHALL BE PROVIDED ON EACH SIDE OF THE SASH.
  5. STICKER SHALL BE BRIGHT YELLOW BACKGROUND WITH BLACK LETTERING.
  6. PROVIDE WINDOW OPERATING INSTRUCTIONS ON HOW TO OPERATE RESCUE WINDOW IF NOT READILY APPARENT.
  7. MINIMUM CLEAR OPENING FOR RESCUE WINDOWS IS 6 SF, WITH A 24" MINIMUM DIMENSION IN ANY DIRECTION. THE WINDOWS DESIGNATED AS RESCUE WINDOWS ON THESE DRAWINGS EXCEED SAID MINIMUM DIMENSIONS.

## PLUMBING FIXTURE COUNT

MINIMUM REQUIRED (NYSBC SECTION 2802.1, NYSBC SECTION 403.1)  
CLASSIFICATION: EDUCATIONAL, OCCUPANCY: E

WATER CLOSETS: 1 PER 50  
LAVATORIES: 1 PER 50  
DRINKING FOUNTAIN: 1 PER 100  
SERVICE SINK: 1

TOTAL OCCUPANTS: 962 STUDENT ENROLLMENT. 100 PROPOSED STAFF.

2020 NYS BUILDING CODE REFERENCES

SECTION 1109.2.2 WATER CLOSET COMPARTMENT - 5% OF THE TOTAL NUMBER SHALL BE WHEELCHAIR ACCESSIBLE.

SECTION 1109.2.3 LAVATORIES - 5% OF THE TOTAL NUMBER SHALL BE WHEELCHAIR ACCESSIBLE.

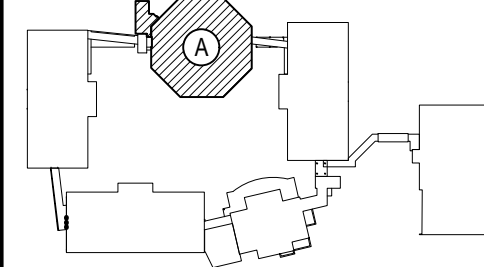
SECTION 1109.5.2 DRINKING FOUNTAINS - 50% OF THE TOTAL NUMBER PROVIDED SHALL COMPLY WITH ICC A117.1.

	TOTAL REQUIRED FIXTURES	TOTAL PROVIDED FIXTURES	DISTRIBUTION OF PROVIDED FIXTURES										MINIMUM 5% REQUIRED ACCESSIBLE FIXTURES	PROVIDED ACCESSIBLE FIXTURES
			BOYS	BOYS ADA	GIRLS	GIRLS ADA	UNISEX	UNISEX ADA	MEN	MEN ADA	WOMEN	WOMEN ADA		
WATER CLOSETS	22	41	5	5	12	5	--	3	1	4	2	4	4	21
URINALS	--	10	4	3	--	--	--	2	1	--	--	--	--	4
LAVATORIES	22	36	3	3	7	5	4	2	2	4	2	4	4	18
DRINKING FOUNTAINS	10	10	--	--	--	--	--	--	--	--	--	--	--	--
SERVICE SINKS	1	10	--	--	--	--	--	--	--	--	--	--	--	--

REV.	DATE	ITEM

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### KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY  
DWG TITLE  
LOWER LEVEL CODE COMPLIANCE KEY PLAN

DRAWING BY: A.A.  
CHECK BY: P.J.H.

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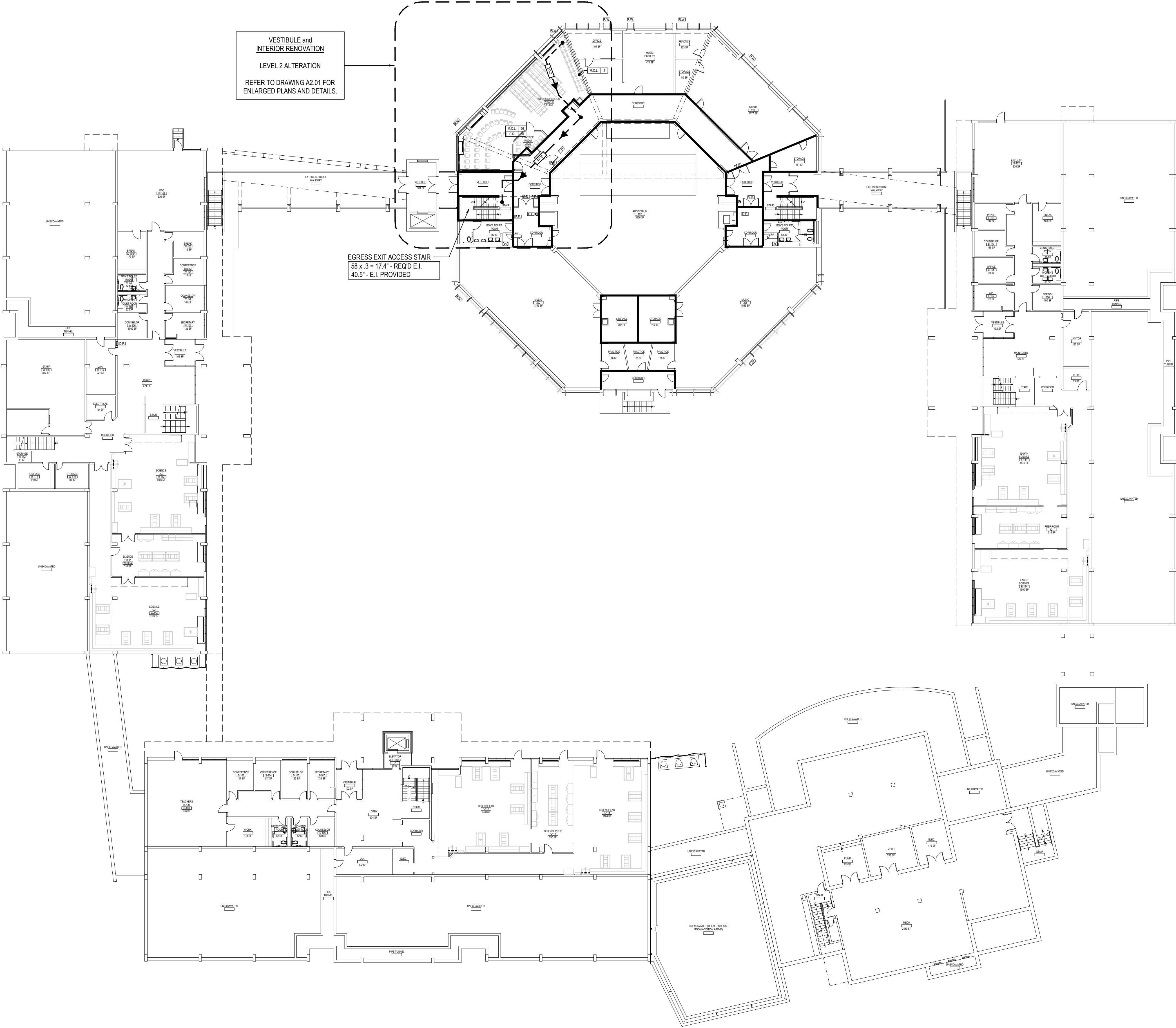
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: LOWER LEVEL COMPLIANCE KEY PLAN  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-1316 FLMS

A0.01





OVERALL FIRST FLOOR PLAN

SCALE: 1" = 20'-0"

### FIRE RESISTANCE RATING DESCRIPTIONS

REFER TO U.L. RATED ASSEMBLY DESCRIPTIONS AND DOCUMENTATION FOR COMPLETE RATED CONSTRUCTION AND FIRE RESISTANCE REQUIREMENTS.

SMOKE PARTITION - (0) HR RATED CONSTRUCTION -  
CONSTRUCT PARTITION IN ACCORDANCE WITH IBC 2015 SECTION 710  
SMOKE PARTITIONS. EXTEND FROM FINISHED FLOOR TO BOTTOM OF  
FLOOR/ROOF STRUCTURE ABOVE AND SEAL AT TOP, BOTTOM, AND ALL  
PENETRATIONS TO PROHIBIT THE PASSAGE OF SMOKE THROUGH EACH  
SMOKE COMPARTMENT.

FIRE BARRIER - (1) HR RATED CONSTRUCTION  
U.L. RATED U90S/U90B OR U419

FIRE BARRIER - (2) HR RATED CONSTRUCTION  
U.L. RATED U90S/U90B OR U419

FIRE WALL - (2) HR RATED CONSTRUCTION  
U.L. RATED U90S/U90B

#### STRUCTURAL FIRE PROTECTION REQUIREMENTS (NON-SPRINKLERED)

PER SECTION 903.2.3, THE FOLLOWING SHALL BE PROVIDED:

- 2 HR. HORIZONTAL FIRE BARRIER (UL D26)
- 2 HR. FIRE RESISTANCE RATING (UL X632) AT ALL COLUMNS  
SUPPORTING THE SECOND FLOOR ONLY (COLUMN FIRE PROTECTION  
SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP OF SECOND FLOOR  
SLAB).

- TYPICAL 8" CMU WALL ASSEMBLY  
SHALL CONFORM TO U.L. DESIGN U90S. PROVIDES A MAXIMUM 2 HR. RATING. (REFER TO  
PLAN FOR ALL 1 HR. AND 2 HR. WALL ASSEMBLY LOCATIONS) TO INCLUDE: ALL  
CONCRETE BLOCK SHALL BE CLASSIFIED D-2 (2HR). CONTRACTOR TO PROVIDE  
ARCHITECT WITH WRITTEN CERTIFICATION FROM SUPPLIER. ALL MORTAR FOR BLOCK  
WORK SHALL BE LAID IN FULL BED, NORMAL 3/8" THICK. VERTICAL JOINTS TO BE  
STAGGERED.

- TYPICAL 5" GYP. BD. WALL ASSEMBLY  
SHALL CONFORM TO U.L. DESIGN U419. PROVIDES A MAXIMUM 1 HR. RATING.  
COMPOSITION TO BE 3/4" METAL STUDS WITH (1) LAYER 5/8" FIRECODE GYP. BD. EACH  
SIDE. CONTRACTOR TO PROVIDE ARCHITECT WITH WRITTEN CERTIFICATION FROM  
SUPPLIER.

- WHERE APPLICABLE IN THE U.L. DESIGN, FIRE RATINGS SHALL BE ACHIEVED UTILIZING  
SPRAY APPLIED FIREPROOFING ON STRUCTURAL COMPONENTS AND/OR BY DECKING  
MATERIAL THICKNESS AND COVERAGE AS SPECIFIED IN DESIGNATED U.L. DESIGNS.

- D626/ F619 - 2 HR. RATED FLOOR AND ROOF CONSTRUCTION - SPRAY APPLIED  
FIREPROOFING SHALL BE "ISOLTEK" BLAZE SHIELD II LOW DENSITY SPRAY APPLIED  
FIREPROOFING OR ARCHITECT APPROVED EQUAL. REFER TO SPECIFICATION SECTION  
078100 FOR ADDITIONAL INFORMATION.

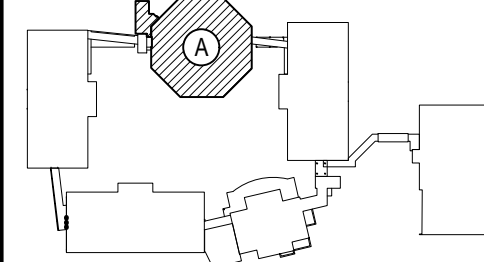
- X632 - 2 HR. RATED COLUMNS - AT ALL COLUMNS SUPPORTING THE SECOND FLOOR  
ONLY (COLUMN FIRE PROTECTION SHALL EXTEND FROM FINISH FIRST FLOOR TO TOP  
OF SECOND FLOOR SLAB). THIN-FILM INTUMESCENT FIELD APPLIED COATING(S) SHALL  
BE "NULLIFIRE" S606 BASECOAT (AND TOP SEAL FOR ALL EXPOSED COLUMNS). PRIMER  
AND TOP SEAL MUST BE COMPATIBLE WITH BASECOAT SYSTEM. REFER TO  
SPECIFICATION SECTION 078100 FOR ADDITIONAL INFORMATION.

- FOR FIRESTOPPING PRODUCTS AND REQUIREMENTS, REFER TO SPECIFICATION  
SECTION 078413 AND SECTION 078443.

REV.	DATE	ITEM

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#### KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
FIRST FLOOR CODE COMPLIANCE KEY PLAN

DRAWING BY: A.A.  
CHECK BY: P.J.H.

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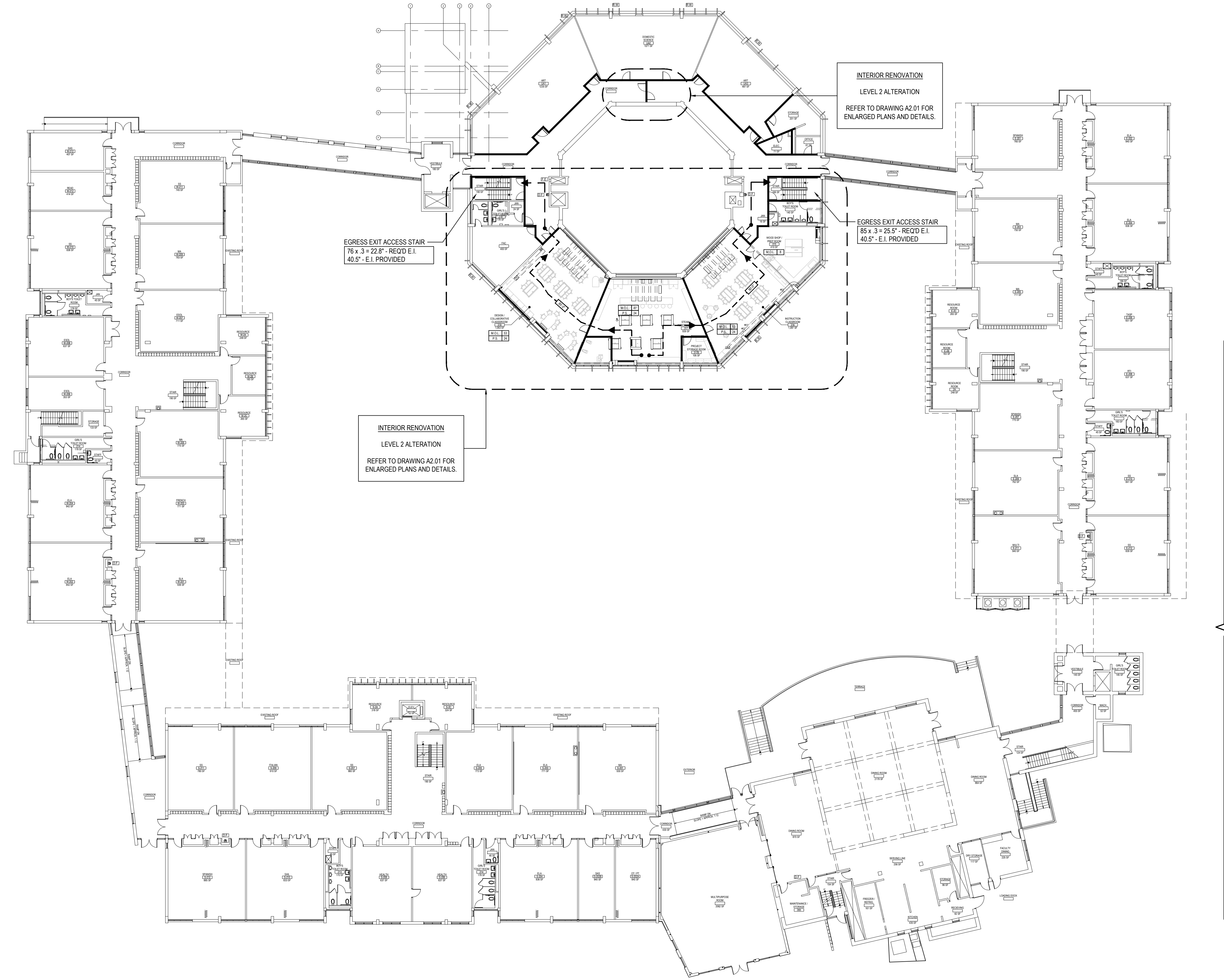
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL  
SCHOOL DISTRICT  
PROJECT: PHASE 2 -  
BOND IMPROVEMENTS  
DWG TITLE: FIRST FLOOR CODE  
COMPLIANCE KEY PLAN  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS

A0.02



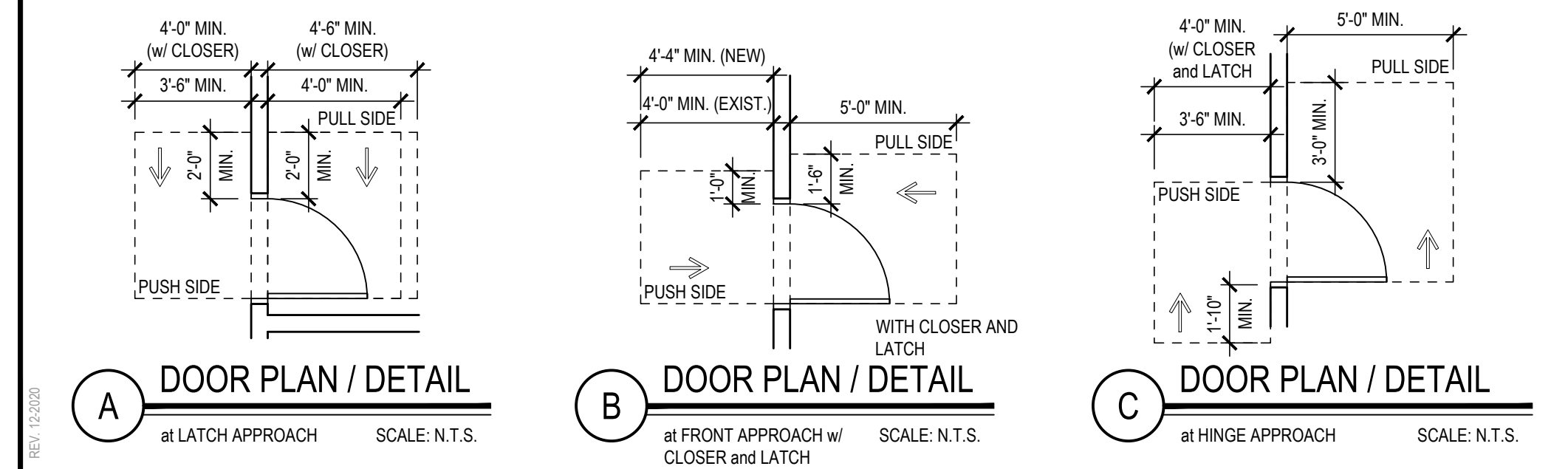


OVERALL SECOND FLOOR PLAN

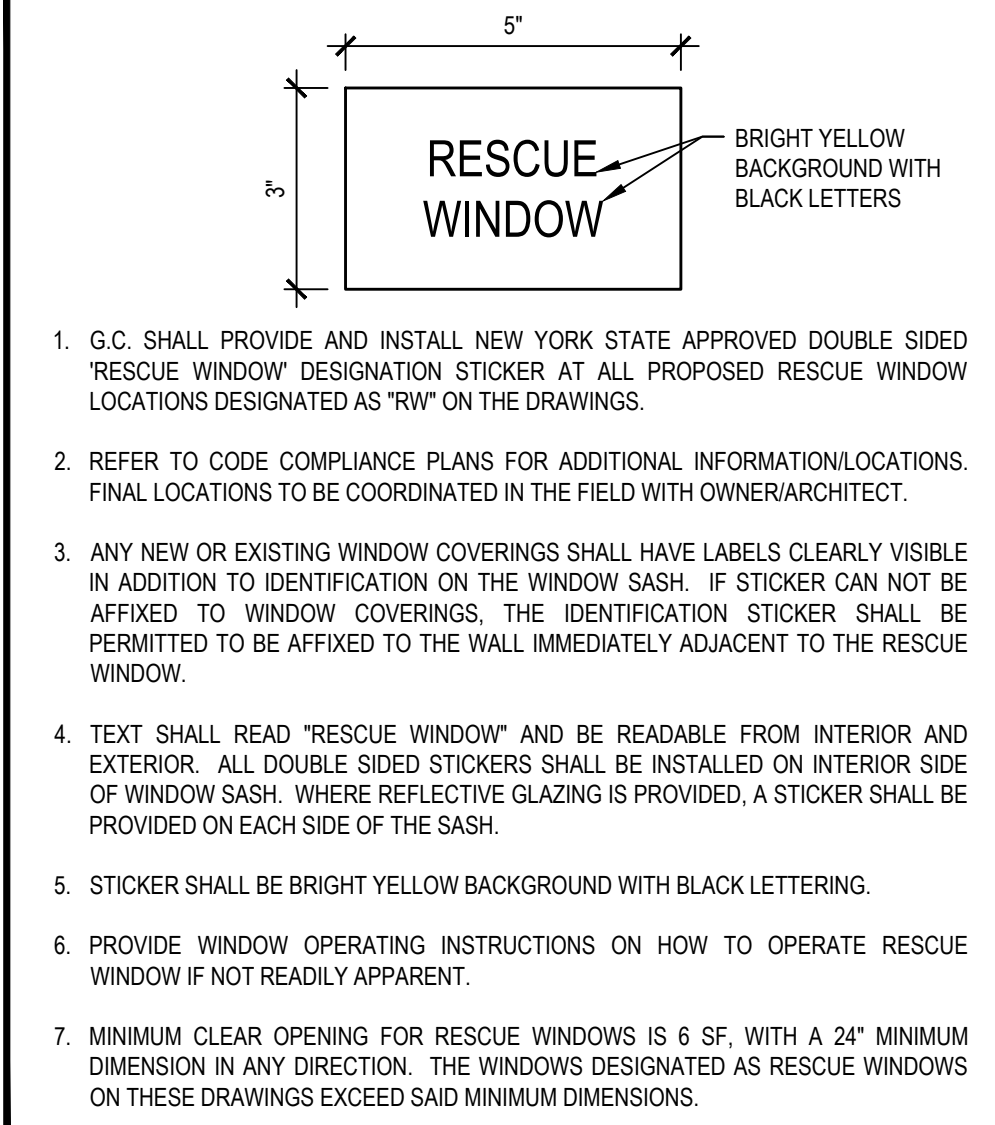
SCALE: 1" = 20'-0"

TYPICAL ADA APPROACH CLEARANCES

CONFORM TO ANSI A117.1-2017  
STANDARDS FOR APPROACH

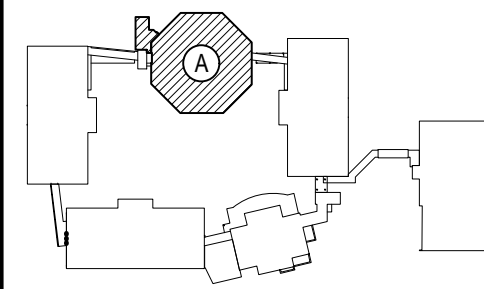


RESCUE WINDOW LABEL DETAIL



REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
SECOND FLOOR CODE COMPLIANCE KEY PLAN

DRAWING BY: A.A.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: SECOND FLOOR CODE COMPLIANCE KEY PLAN

SCALE: AS NOTED

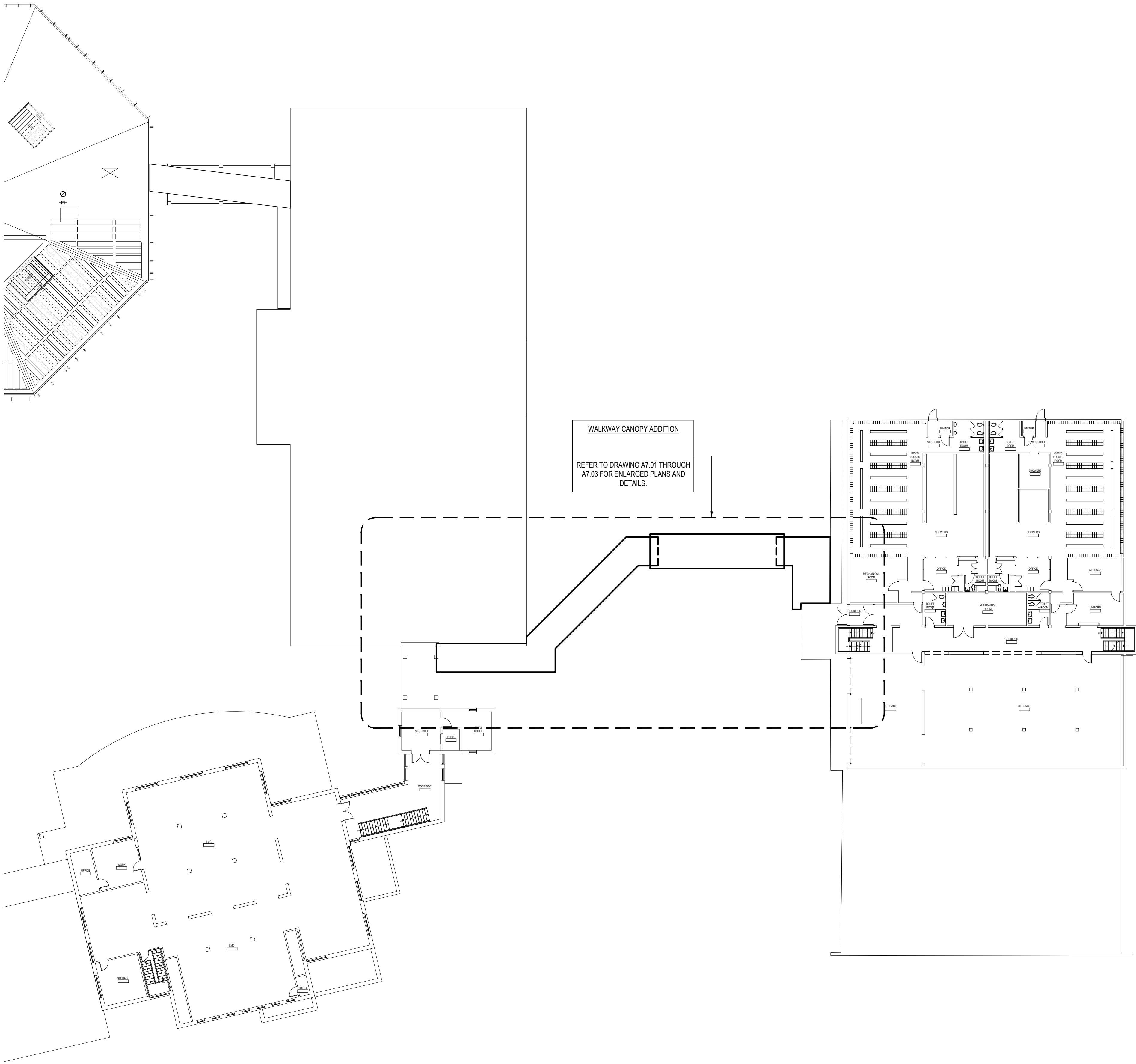
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

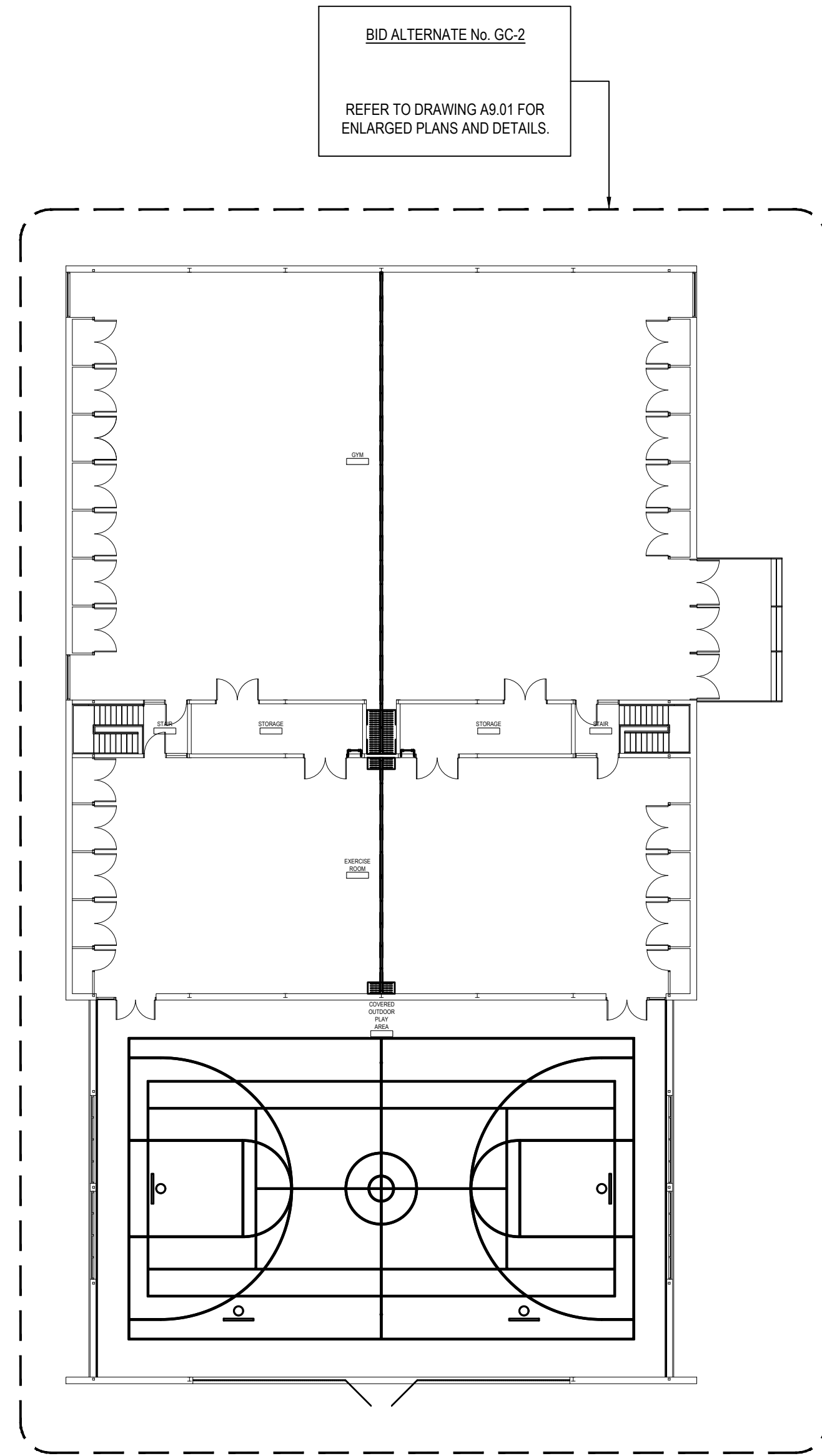
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OVERALL THIRD FLOOR PLAN

SCALE: 1" = 20'-0"



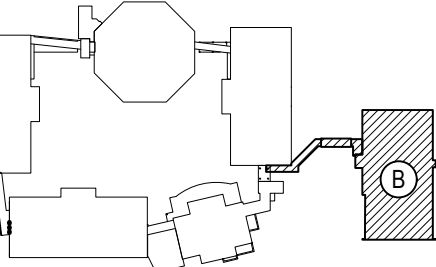
OVERALL FOURTH FLOOR PLAN

SCALE: 1" = 20'-0"

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE

THIRD AND FOURTH FLOOR COMPLIANCE KEY PLANS

DRAWING BY: P.J.H.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: THIRD AND FOURTH FLOOR CODE COMPLIANCE KEY PLANS

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS



1 ENLARGED DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

## DEMOLITION KEY NOTES

- EXISTING CONCRETE / MASONRY BLOCK WALL TO BE REMOVED IN ITS ENTIRETY INCLUDING ANY DOORS, WINDOWS, FRAMES, TRANSOMS, FURRED OUT METAL STUD AND GYPSUM BOARD WALLS, ETC. TOOTH-IN NEW MASONRY AND PATCH ADJACENT WALLS AND FLOORS. PREP REMAINING FLOORS AND WALLS FOR NEW FINISHES.
- EXISTING DOOR AND FRAME TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
- EXISTING ALUMINUM DOOR AND STOREFRONT SYSTEM TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
- EXISTING WINDOW SYSTEM TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
- EXISTING GYP. BD. AND METAL STUD WALL TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY INCLUDING ANY DOORS, WINDOWS, FRAMES, TRANSOMS, ETC. PATCH AND REPAIR ADJACENT WALLS.
- EXISTING HOLLOW METAL STOREFRONT AND GLAZING TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY, INCLUDING ALL DOORS, HARDWARE, AND TRANSOMS.
- EXISTING OVERHEAD DOOR, TRACK SYSTEM, AND ASSOCIATED BRACKETS TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
- EXISTING GYP. BD. AND METAL STUD SOFFIT TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY, E.G. TO DISCONNECT EXIST. RECESSED LIGHT FIXTURES. G.C. TO REMOVE AND DISPOSE.
- EXISTING VAULT DOOR TO BE REMOVED AND REPLACED.

EXISTING V.C.T. FLOORING, CARPET, RUBBER COVE BASE AND/OR CERAMIC TILE BASE, AND ANY ADHESIVE AND / OR MASTIC TO BE REMOVED AND DISPOSED OF. EXISTING CONCRETE FLOOR SLAB SHALL BE CLEANED OF ALL DEBRIS AND PREPARED FOR SELF LEVELING COMPOUND. PROVIDE FLASH PATCHING AND / OR SELF-LEVELING TO PROVIDE SUITABLE LEVEL FLOOR OVER EXISTING CONCRETE FLOOR SLAB AT LOCATIONS OF WALL REMOVALS. PREP FOR NEW FINISHES.

EXISTING FIN TUBE ENCLOSURES AND ASSOCIATED PIPING TO BE DISCONNECTED, REMOVED AND DISPOSED OF BY M.C. G.C. TO PATCH AND REPAIR WALL. G.C. TO PATCH AND REPAIR FLOOR WHERE PIPING IS REMOVED.

EXISTING CASEWORK (BASE CABINETS, WALL CABINETS, TALL CABINETS, ETC.) TO BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY BY THE G.C. DISCONNECTS BY P.C. AND E.C. AS REQUIRED. COORDINATE IN FIELD.

ALL LOOSE FURNISHINGS, FILE CABINETS, DESKS, SHELVING, ETC. TO BE REMOVED BY OWNER.

EXISTING ACoustICAL CEILING TILE AND GRID TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.

EXISTING SPLINE CEILING, INCLUDING BLACK IRON AND ASSOCIATED STRUCTURE TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY. G.C. TO REMOVE AND DISPOSE OF ANY GULFED CEILING TILES FROM BOTTOM OF CONCRETE DECK.

EXISTING SECURITY WINDOW AND COUNTER TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.

EXISTING WALL MOUNTED DISPLAY CASE, CHALKBOARD, MARKERBOARD, TACKBOARD OR MIRROR TO BE REMOVED AND DISPOSED OF.

M.C. TO REMOVE AND DISPOSE OF EXISTING UNIT VENTILATOR. G.C. TO PATCH AND REPAIR WALL. G.C. TO PATCH AND REPAIR FLOOR WHERE PIPING IS REMOVED.

E.C. TO DISCONNECT ALL ELECTRICAL CEILING FIXTURES INCLUDING, LIGHT FIXTURES, SPEAKERS, FIRE ALARMS, CONDUIT, WIRE MOLD, ETC. G.C. TO REMOVE AND DISPOSE.

E.C. TO DISCONNECT ALL EXISTING WALL MOUNTED FIXTURES INCLUDING, EMERGENCY LIGHTING, CONDUIT, WIRE MOLD, SPEAKERS, ETC. G.C. TO REMOVE AND DISPOSE.

E.C. TO DISCONNECT ALL WALL MOUNTED TV MONITORS, COMPUTER EQUIPMENT AND ASSOCIATED CONDUITS. G.C. TO REMOVE AND HAND OVER TO OWNER.

EXISTING WINDOW FRAMING AND GLASS TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY. G.C. TO REMOVE CMU / CONCRETE BASE INCLUDING CERAMIC TILE BASE, DOWN TO EXISTING CONCRETE SLAB. PATCH AND REPAIR FLOOR FOR NEW FINISHES.

EXISTING AIR CONDITIONING UNIT AND ASSOCIATED WINDOW PANEL TO BE REMOVED IN ITS ENTIRETY. G.C. TO REPLACE EXISTING PANEL WITH NEW.

EXISTING PLASTER CEILING SYSTEM AND ALL ASSOCIATED SUPPORTS TO BE REMOVED AND DISPOSED OF. E.C. TO DISCONNECT, G.C. TO REMOVE EXISTING LIGHT FIXTURES AND SMOKE DETECTORS.

EXISTING WOOD DOOR AND FRAME TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY, INCLUDING ANY WINDOWS, TRANSOMS, HARDWARE, ETC.

EXISTING CERAMIC FLOOR TILE AND MUDSET TO BE REMOVED AND DISPOSED OF. PROVIDE SELF LEVELING AND PREP FOR NEW FINISHES.

EXISTING PLUMBING AND / OR SANITARY FIXTURES TO BE DISCONNECTED BY P.C., REMOVED AND DISPOSED OF BY G.C.

EXISTING WALL MOUNTED HAND SANITIZER DISPENSER, SOAP DISPENSER, TOILET PAPER AND / OR PAPER TOWEL DISPENSER, GRAB BARS, ETC. TO BE REMOVED AND TURNED OVER TO THE DISTRICT.

EXISTING AIR CONDITIONING UNIT TO BE REMOVED AND HANDED OVER TO OWNER. ANY AND ALL SUPPORTS TO BE REMOVED AND DISPOSED OF BY G.C.

EXISTING DRINKING FOUNTAIN AND ASSOCIATED PIPING TO REMAIN.

EXISTING WALL MOUNTED CURTAIN RAIL AND CURTAIN TO BE REMOVED BY OWNER.

EXISTING WALL MOUNTED SECURITY CAMERA TO BE DISCONNECTED AND REMOVED BY E.C. AND HAND OVER TO OWNER.

EXISTING DOWNSPOUT TO BE RE-ROUTED BY G.C.

EXISTING WALL MOUNTED MAILBOX TO BE REMOVED AND HANDED OVER TO OWNER.

EXISTING WOOD STOOL TO BE REMOVED AND DISPOSED OF.

EXISTING SURFACE MOUNTED CONCEALED SPLINE CEILING TILES AND ALL ADHESIVES SHALL BE REMOVED AND DISPOSED OF IN THEIR ENTIRETY. PREP SURFACE FOR NEW FINISHES.

EXISTING WOOD FRAMED WALL AND WOOD PANELING TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS.

MC SHALL REMOVE EXISTING WALL MOUNTED SPLIT SYSTEMS & RELATED SUPPORTS.

MC SHALL REMOVE EXISTING DUCTWORK & RELATED SUPPORTS. G.C. TO PATCH ANY WALLS, FLOORS, WINDOW PANELS AND/OR CEILINGS.

EXISTING FIN TUBE ENCLOSURE TO BE REMOVED AND REPLACED BY M.C.

EXISTING PRE-CAST CONCRETE FIN TO BE REMOVED, INCLUDING ALL SUPPORTS.

EACH TRADE SHALL SAWCUT EXISTING CONCRETE FLOOR AS REQUIRED FOR MECHANICAL, ELECTRICAL AND / OR PLUMBING SCOPE OF WORK. REFER TO M-P-OR E-SERIES DRAWINGS. COORDINATE IN FIELD.

## DEMOLITION SYMBOL LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONSTRUCTION TO BE REMOVED (PATCH ALL REMAINING SURFACES)
---	EXISTING FLOOR SLAB TO BE SAWCUT TO ACCOMMODATE NEW UNDER SLAB UTILITIES. REFER TO SAWCUT DETAIL FOR ADDITIONAL INFORMATION.
1	KEYED NOTE
# AXXX	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
XX XXX	SECTION / ELEVATION TAG DETAIL NUMBER DRAWING NUMBER
XXXX XXXX XXX SF	ROOM TAG ROOM NAME ROOM NUMBER ROOM AREA
REVISION CLOUD AND KEYED DESIGNATION	REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.

## HAZARDOUS MATERIALS NOTES

1. OWNER HAS EMPLOYED AN ENVIRONMENTAL CONSULTANT TO PERFORM DESIGN-PHASE INSPECTION AND TESTING FOR ASBESTOS, LEAD AND / OR PCBs. SUCH REPORTS ARE CONTAINED IN THE PROJECT MANUAL AND MAY CONTAIN ADDITIONAL REQUIREMENTS BEYOND THOSE SHOWN IN THE CONSTRUCTION DRAWINGS AND DIVISION 1 RELATED SPECIFICATIONS.

2. CONSTRUCTION DRAWINGS INDICATE EXTENT OF HAZARDOUS MATERIALS REMOVALS, WHICH MAY BE ASSUMED OR CONFIRMED POSITIVE. CONTRACTOR SHALL VERIFY QUANTITIES OF SUCH MATERIALS AND ACCOUNT FOR THEM IN THE BID.

3. CONTRACTOR SHALL EMPLOY A PROPERLY CREDENTIALLED HAZARDOUS MATERIALS SUBCONTRACTOR AS REQUIRED FOR THE SCOPE OF WORK AT HAND.

4. ASBESTOS ABATEMENT SHALL BE PERFORMED IN ACCORDANCE WITH NYS INDUSTRIAL CODE RULE 56.

5. REMOVAL OF LEAD CONTAINING CONSTRUCTION MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL HUD REGULATIONS AND THE EPA'S RRP RULE. THE WORK OF THIS PROJECT IS NOT INTENDED TO BE A LEAD ABATEMENT.

6. WHERE WORK INVOLVES LEAD CONTAINING CONSTRUCTION MATERIALS, WIPE TESTS WILL BE PERFORMED UPON FINAL CLEANING. FAILURE WILL REQUIRE RE-CLEANING BY THE CONTRACTOR.

7. PCB REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL EPA REGULATIONS AS ENFORCED BY NYS DEC. IF SUCH MATERIALS ALSO CONTAIN ASBESTOS, THEN SUCH MATERIALS SHALL BE HANDLED AND DISPOSED OF PER BOTH NYS DEC AND NYS ICR 56.

8. CONTRACTOR SHALL COORDINATE HAZARDOUS MATERIALS REMOVAL ACTIVITIES WITH THE OWNER'S ENVIRONMENTAL CONSULTANT FOR APPROPRIATE PROJECT MONITORING.

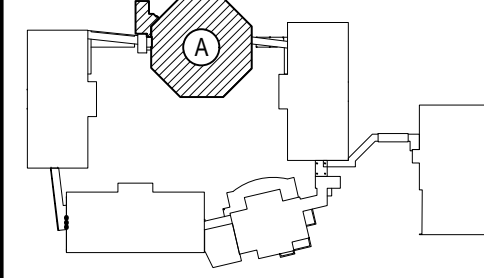
9. IF ANY SUSPECT MATERIALS ARE DISCOVERED DURING DEMOLITION THAT ARE OUTSIDE OF THE IDENTIFIED SCOPE OF WORK, THE CONTRACTOR SHALL CEASE REMOVAL AND NOTIFY THE ARCHITECT.

10. THE FOLLOWING HAZARDOUS MATERIAL REMOVAL KEY NOTES CORRESPOND TO THE CONSTRUCTION DRAWINGS:

- A1 ASBESTOS CONTAINING 9'x9' FLOOR TILE (GRAY) AND ASSOCIATED MASTIC (BLACK) AT LOWER LEVEL
- A2 ASBESTOS CONTAINING CARPET MASTIC (YELLOW) AT MAIN OFFICE CONFERENCE ROOM
- A3 ASBESTOS CONTAINING DOOR CAULKING (GRAY) AT LOWER LEVEL MAIN OFFICE
- A4 ASBESTOS CONTAINING WINDOW CAULKING (BLACK) AT LOWER LEVEL MAIN OFFICE
- A5 ASBESTOS CONTAINING DOOR CAULKING (BLACK) AT SECOND FLOOR MUSIC ROOM
- A6 ASBESTOS CONTAINING CONCRETE EXPANSION JOINT CAULK (BEIGE) AT SECOND FLOOR MUSIC ROOM 210
- A7 ASBESTOS CONTAINING WINDOW CAULK (BLACK) AT SECOND FLOOR MUSIC ROOM 210
- A8 ASBESTOS CONTAINING WINDOW GLAZING (WHITE) AT SECOND FLOOR MUSIC ROOM 210
- A9 ASBESTOS CONTAINING WINDOW CAULK (BLACK) AT THIRD FLOOR
- A10 ASBESTOS CONTAINING WINDOW GLAZING (WHITE) AT THIRD FLOOR
- A11 ASBESTOS CONTAINING CONCRETE EXPANSION JOINT CAULK (BEIGE) AT THIRD FLOOR WOODSHOP ROOM 318
- L1 LEAD CONTAINING BLUE PAINT ON CINDER BLOCK WALL AT ROOM 119
- L2 LEAD CONTAINING BLACK PAINT ON CERAMIC TILE WALL AT SECOND FLOOR
- L3 LEAD CONTAINING BLUE CERAMIC TILE WALL AT SECOND FLOOR TOILET ROOMS
- P1 EXTERIOR WINDOW PANEL CAULK (BLACK) AT OLD WINDOWS - EXTERIOR BUILDING THROUGHOUT

REV.	DATE	ITEM

NOTICE  
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KEY PLAN  
NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DRAWING BY: P.J.H.  
CHECK BY: P.J.H.

NOTICE  
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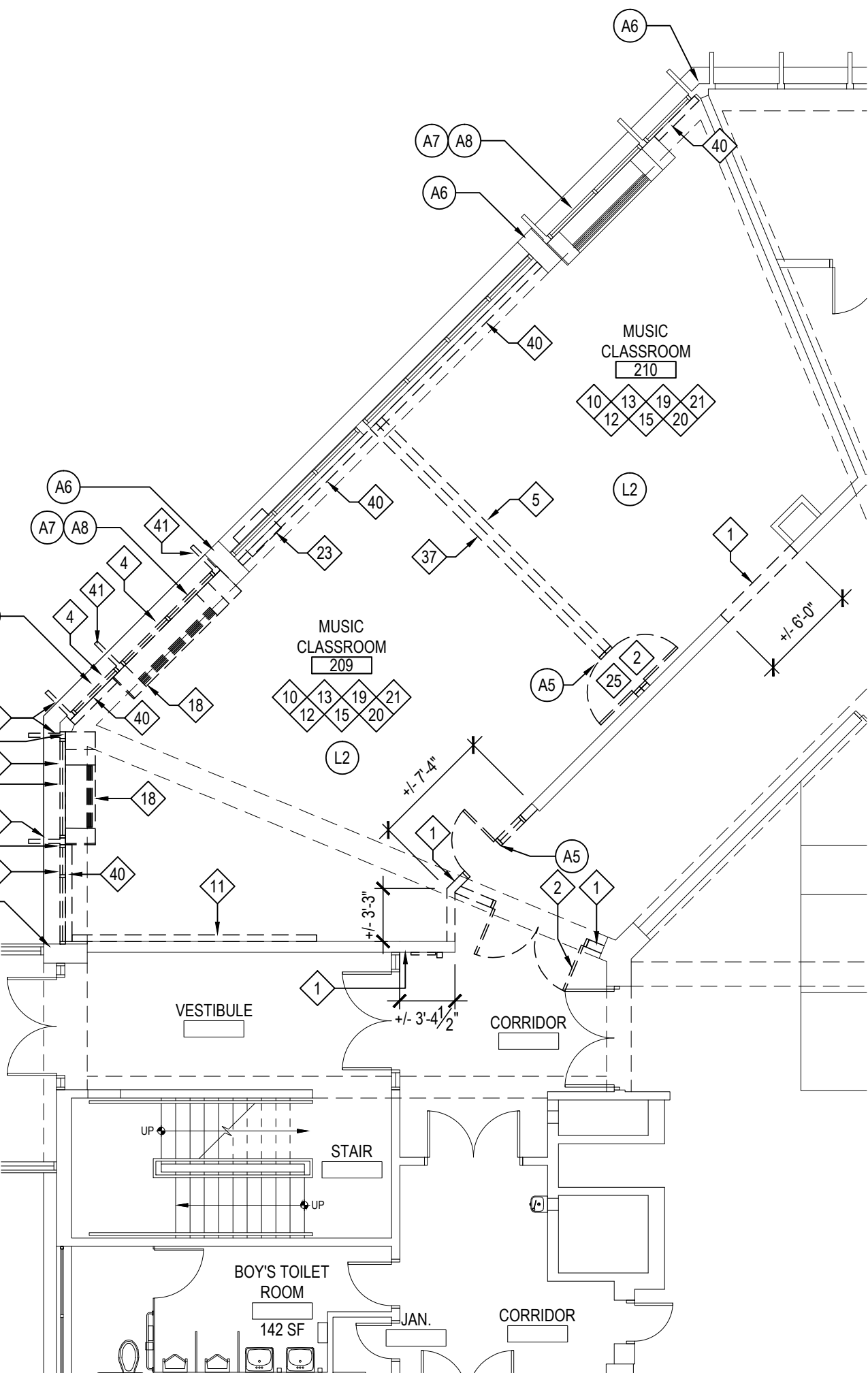
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: DEMOLITION FLOOR PLANS  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-1316 FLMS

A1.01

LOWER LEVEL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

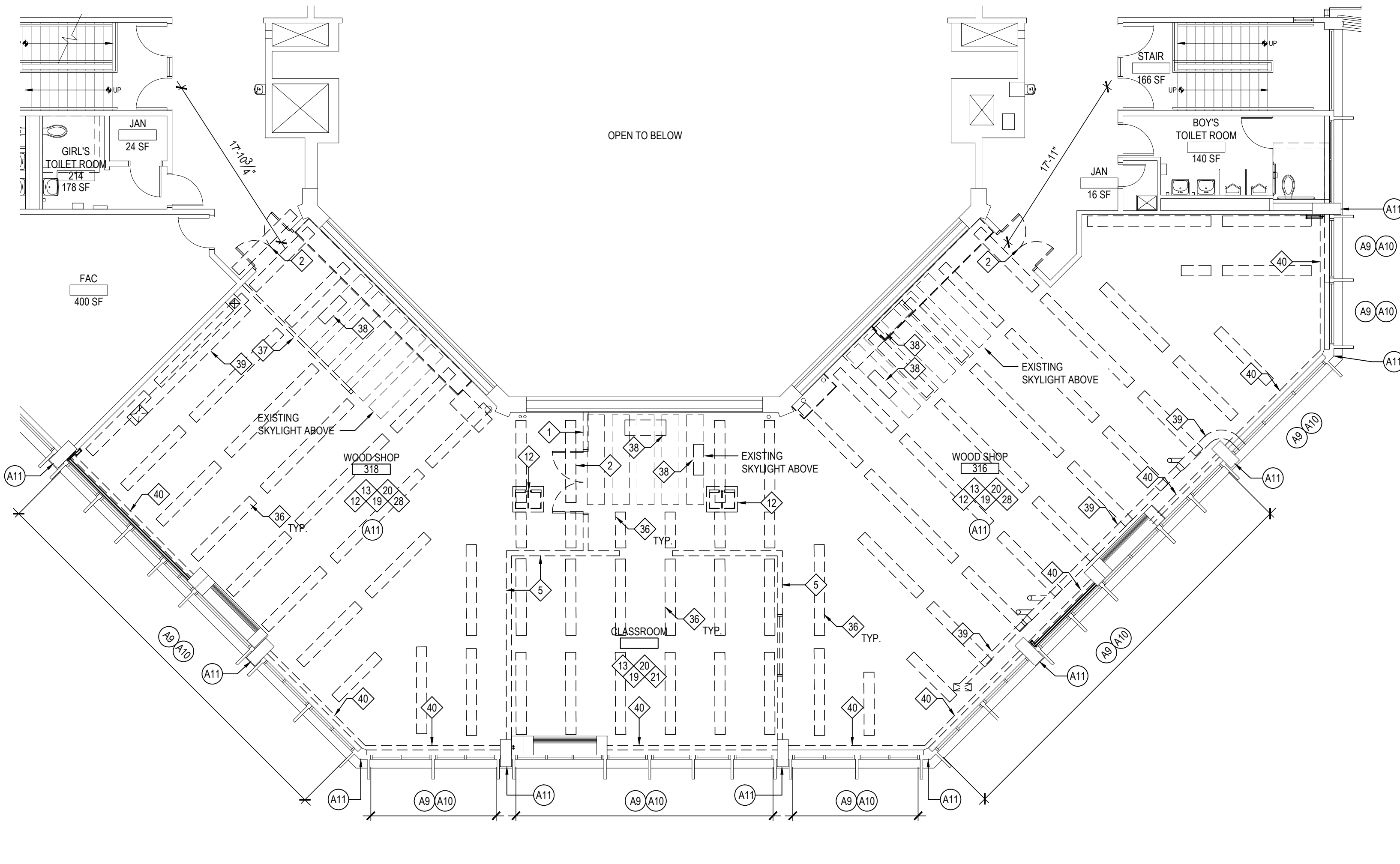


FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

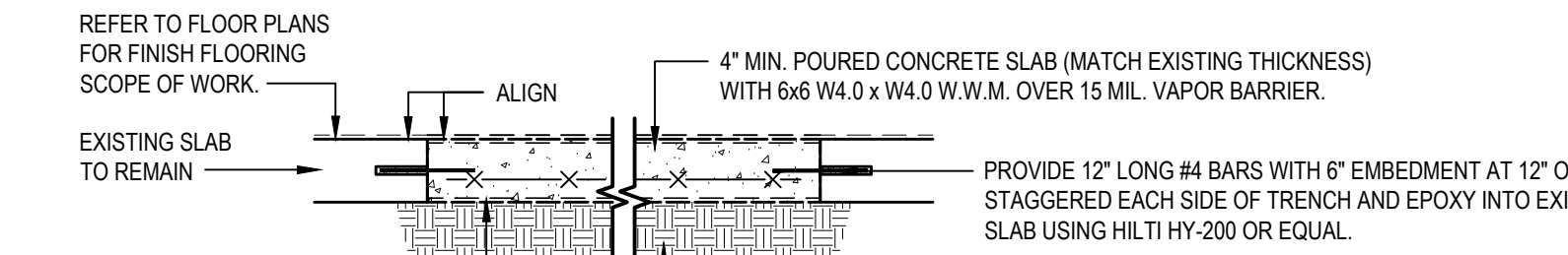
SECOND FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



TYPICAL SLAB ON GRADE SAWCUT INFILL DETAIL

SCALE: 3/4" = 1'-0"



TYPICAL SLAB SAWCUT NOTE  
EACH TRADE SHALL SAWCUT AND REMOVE PORTIONS OF EXISTING CONCRETE SLAB-ON-GRADE TO ACCOMMODATE INSTALLATION OF NEW UNDER-SLAB UTILITIES AND PATCH SLAB AND FINISH FLOORING. SLAB SHALL BE SCANNED VIA GROUND PENETRATING RADAR (GPR) AND/OR OTHER METHODS AS DEEMED APPROPRIATE AND MARKED-OUT FOR BURIED AND/OR EMBEDDED PIPING, DUCT BANKS, ELECTRICAL CONDUIT, AND OTHER UTILITIES. EACH CONTRACTOR SHALL EXERCISE CARE IN SLAB DEMOLITION IN THE VICINITY OF LOCATED UTILITIES AND ALTER METHODS OF SLAB DEMOLITION AS APPROPRIATE. FINAL EXTENT AND LOCATIONS OF SLAB REMOVAL TO BE COORDINATED BETWEEN TRADES IN THE FIELD. EACH TRADE WILL BE RESPONSIBLE FOR REPAIR OF ANY UTILITIES CUT OR DAMAGED BY THEIR SLAB REMOVAL WHETHER REVEALED BY SCANNING OR NOT. ANY DAMAGE TO UTILITIES CAUSED DURING EXCAVATION BY OTHER TRADES WILL BE THE RESPONSIBILITY OF THE TRADE WHICH CAUSED THE DAMAGE.



TOP OF PARTITION (VARIES) - HOLD MASONRY 1" BELOW BOTTOM OF DECKSLAB. PROVIDE PARTITION TOP ANCHOR AT 48" O.C. MAX. SECURED TO DECKSLAB. PROVIDE COMPRESSIBLE FILLER IN VOID BETWEEN PTA AND CMU

NEW CMU PARTITION - REFER TO TYPES FOR NOMINAL CONCRETE MASONRY UNIT SIZE

FINISH PARTITION AS SCHEDULED

HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAX. VERTICALLY (EVERY OTHER COURSE)

VERTICAL PARTITION REINFORCEMENT (WHERE SCHEDULED). ALL CELLS TO RECEIVE REINFORCEMENT SHALL BE GROUTED SOLID

VARIES - SEE TYPES

TYPE A4 (5/8" TOTAL THICKNESS):  
4" NOM. CONCRETE MASONRY UNITS

TYPE A6 (5/8" TOTAL THICKNESS):  
6" NOM. CONCRETE MASONRY UNITS

TYPE A8 (1 1/8" TOTAL THICKNESS):  
8" NOM. CONCRETE MASONRY UNITS

TYPE A10 (5/8" TOTAL THICKNESS):  
10" NOM. CONCRETE MASONRY UNITS

TYPE A12 (1 1/8" TOTAL THICKNESS):  
12" NOM. CONCRETE MASONRY UNITS

**A4 4" NOM. CMU PARTITION**

**A10 10" NOM. CMU PARTITION**  
GRAPHIC SIMILAR AS SHOWN

**A6 6" NOM. CMU PARTITION**  
GRAPHIC SIMILAR AS SHOWN

**A12 12" NOM. CMU PARTITION**  
GRAPHIC SIMILAR AS SHOWN

**A8 8" NOM. CMU PARTITION**  
GRAPHIC SIMILAR AS SHOWN

1/4" = 1'-0"

TOP OF PARTITION (VARIES) - HOLD MASONRY 1" BELOW BOTTOM OF DECKSLAB. PROVIDE PARTITION TOP ANCHOR AT 48" O.C. MAX. SECURED TO DECKSLAB. PACK ALL JOIDS WITH CONTINUOUS SOUND ATTENUATION FIRE BLANKET.

NEW CMU PARTITION - REFER TO TYPES FOR NOMINAL CONCRETE MASONRY UNIT SIZE

FINISH PARTITION AS SCHEDULED

HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAX. VERTICALLY (EVERY OTHER COURSE)

VERTICAL PARTITION REINFORCEMENT (WHERE SCHEDULED). ALL CELLS TO RECEIVE REINFORCEMENT SHALL BE GROUTED SOLID

NOTE: EACH TRADE SHALL FIRE STOP AND SMOKE SEAL ALL PENETRATIONS THRU RATED PARTITIONS.

PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT, FULL PERIMETER, (EACH SIDE) AND AT ALL PENETRATIONS THROUGH PARTITION

TYPE B4 (50% TOTAL THICKNESS): 4" NOM. CONCRETE MASONRY UNITS

TYPE B6 (50% TOTAL THICKNESS): 6" NOM. CONCRETE MASONRY UNITS

TYPE B8 (75% TOTAL THICKNESS): 8" NOM. CONCRETE MASONRY UNITS

TYPE B10 (90% TOTAL THICKNESS): 10" NOM. CONCRETE MASONRY UNITS

TYPE B12 (100% TOTAL THICKNESS): 12" NOM. CONCRETE MASONRY UNITS

VARIES - SEE TYPES

B4	4" NOM. CMU PARTITION	B10	10" NOM. CMU PARTITION
1-RH RATING: UL U906 / STC 48, GRAPHIC SIM.		1-RH RATING: UL U906 / STC 48, GRAPHIC SIM.	
B6	6" NOM. CMU PARTITION	B12	12" NOM. CMU PARTITION
1-RH RATING: UL U906 / STC 48		1-RH RATING: UL U906 / STC 48	
B8	8" NOM. CMU PARTITION		
1-RH RATING: UL U906 / STC 48, GRAPHIC SIM.			

TOP OF PARTITION (VARIES): HOLD MASONRY 1" BELOW BOTTOM OF DECKSLAB. PROVIDE PARTITION TOP ANCHOR AT 48" O.C. MAX. SECURED TO DECKSLAB. PACK ALL JOINTS WITH CONTINUOUS SOUND ATTENUATION FIRE BLANKET.

NEW CMU PARTITION - REFER TO TYPES FOR NOMINAL CONCRETE MASONRY UNIT SIZE.

FINISH PARTITION AS SCHEDULED.

HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAX. VERTICALLY (EVERY OTHER COURSE).

VERTICAL PARTITION REINFORCEMENT (WHERE SCHEDULED). ALL CELLS TO RECEIVE REINFORCEMENT SHALL BE GROUTED SOLID.

VARIES - SEE TYPES

**NOTE:**  
EACH TRADE SHALL FIRE STOP AND SMOKE SEAL ALL PENETRATIONS THROUGH RAISED PARTITIONS.

PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT, FULL PERIMETER, (EACH SIDE) AND AT ALL PENETRATIONS THROUGH PARTITION.

**NOTE:**  
AT FIRE WALLS, OMIT PARTITION TOP ANCHORS (ONLY). FIRE WALLS SHALL BE CONSTRUCTED TO BE INDEPENDENT FROM DECK SLAB ASSEMBLIES) - REFER TO CODE COMPLIANCE DRAWINGS AND SECTION DETAILS FOR ADDL INFO.

**TYPE C6 (5 1/2" TOTAL THICKNESS):**  
6" NOM. CONCRETE MASONRY UNITS

**TYPE C8 (7 1/2" TOTAL THICKNESS):**  
8" NOM. CONCRETE MASONRY UNITS

**TYPE C10 (9 1/2" TOTAL THICKNESS):**  
10" NOM. CONCRETE MASONRY UNITS

**TYPE C12 (11 1/2" TOTAL THICKNESS):**  
12" NOM. CONCRETE MASONRY UNITS

**C6 6" NOM. CMU PARTITION**  
2-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

**C10 10" NOM. CMU PARTITION**  
2-HR RATING: UL U906 / STC 48, GRAPHIC SIM.

**C8 8" NOM. CMU PARTITION**  
2-HR RATING: UL U906 / STC 48

**C12 12" NOM. CMU PARTITION**  
2-HR RATING: UL U906 / STC 48

TOP OF PARTITION (VARIES)-HOLD  
MASONRY 1" BELOW BOTTOM OF DECKSLAB.  
PROVIDE PARTITION TOP ANCHOR AT 48"  
O.C. MAX. SECURED TO DECKSLAB.  
PROVIDE COMPRESSIBLE FILLER IN VOID  
BETWEEN PTA AND CMU. TYP.

4" NOMINAL CONCRETE MASONRY UNITS  
(UNLESS NOTED OTHERWISE)

FINISH EACH SIDE OF  
PARTITION AS SCHEDULED

HORIZONTAL JOINT REINFORCEMENT  
AT 16" O.C. MAX. VERTICALLY (EVERY  
OTHER COURSE), TYP.

VERTICAL PARTITION REINFORCEMENT  
(WHERE SCHEDULED). ALL CELLS TO RECEIVE  
REINFORCEMENT SHALL BE GROUTED SOLID

15 5/8" AS 15 5/8"  
RECD  
VARIES-SEE PLAN

NOTE:  
COORDINATE PLUMBING PARTITION  
CONSTRUCTION WITH ALL TRADES.  
REFER TO MEP-SERIES DRAWINGS  
FOR ADDITIONAL INFORMATION.

NOTE:  
REFER TO A-9 SERIES DRAWINGS FOR  
WALL TILE (WHERE APPLICABLE) AND  
FINISH ADDITIONAL INFORMATION.

**D** CMU PLUMBING PARTITION

REFER TO ENLARGED TOILET ROOM PLANS FOR ADDITIONAL INFORMATION

**EXISTING PARTITION TO REMAIN - VERIFY CONSTRUCTION TYPE AND SIZE IN FIELD**

**SECURE TOP OF NEW PARTITION TO EXISTING PARTITION CONSTRUCTION**

**HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAX. VERTICALLY (EVERY OTHER COURSE), TYP.**

**NEW MASONRY INFILL PARTITION (CMU, BRICK, OR BOTH) - V.I.F. TOOTH IN ALL NEW BRICK AT JAMBS. PATCH AND MATCH ALL EXISTING ADJACENT SURFACES FOR NEW CONSTRUCTION TO ALIGN WITH EXISTING FOR A SEAMLESS TRANSITION**

**VERTICAL PARTITION REINFORCEMENT (WHERE SCHEDULED), ALL CELLS TO RECEIVE REINFORCEMENT SHALL BE GROUTED SOLID**

**SECURE BASE OF NEW PARTITION TO EXISTING FLOOR CONSTRUCTION**

**ALIGN**

**EXIST. TO REMAIN**

**NEW INFILL**

**V.I.F.**

**VARIES - V.I.F.**

**SEE PLAN**

**UNLESS NOTED OR SCHEDULED OTHERWISE, NEW INFILL PARTITION FINISHES (EACH SIDE) SHALL MATCH THE EXISTING PARTITION FINISHES IN KIND, INCLUDING BUT NOT LIMITED TO: WALL BASE, WALL COVERING, WALL TILE, CEILING TRIM MOLDINGS, ETC. - VERIFY IN FIELD**

**E**

**MASONRY INFILL PARTITION**

**CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD**

TOP OF PARTITION (VARIES) AND SECURE TO UNDERSIDE OF ROOF DECK / FLOOR SLAB ABOVE

ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION - REFER TO TYPES FOR ADDITIONAL INFORMATION

ONE (1) LAYER OF TYPE 1 GYP. BD. (EACH SIDE), FINISH AS SCHEDULED

COLD FORMED METAL FRAMING - REFER TO TYPES FOR ADDITIONAL INFORMATION

SECURE PARTITION TO FLOOR CONSTRUCTION

VARIES - SEE TYPES

WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE 8 THIS SHEET.

TYPE F5 (4 1/2" TOTAL THICKNESS):  
3/8" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 3/8" R-11 ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION

TYPE F7 (7 1/2" TOTAL THICKNESS):  
7" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 5/8" R-21 ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION

TYPE F9 (9 1/2" TOTAL THICKNESS):  
8" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 8" R-25 ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION

NOTE:  
ALL BALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

**F5** 5" NOM. GYP. BD. METAL STUD PARTITION  
NON-RATED / NON-BEARING INTERIOR PARTITION

**F7** 7" NOM. GYP. BD. METAL STUD PARTITION  
NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

**F9** 9" NOM. GYP. BD. METAL STUD PARTITION  
NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

**TOP OF PARTITION (VARIES) - EXTEND AND SECURE TO UNDERSIDE OF FLOOR DECK / FLOOR SLAB ABOVE. PACK ALL VOIDS WITH CONTINUOUS SOUND ATTENUATION FIBER BLANKET.**

**PROVIDE CONTINUOUS SOUND AND FIRESTOPPING SEALANT, FULL PERIMETER, (EACH SIDE) AND AT ALL PENETRATIONS THROUGH PARTITION**

**ACOUSTICAL FIBERGLASS UNFACED SOUND ATTENUATION FIBER BLANKET - REFER TO TYPES FOR ADDITIONAL INFORMATION**

**NOTE:**  
EACH TRADE SHALL FIRE STOP AND SOUND SEAL ALL PENETRATIONS THROUGH RATED PARTITIONS.

**ONE (1) LAYER OF TYPE 1 GYP. BD. (EACH SIDE), FINISH AS SCHEDULED**

**COLD FORMED METAL FRAMING - REFER TO TYPES FOR ADDITIONAL INFORMATION**

**SECURE PARTITION TO FLOOR CONSTRUCTION**

**VARIES - SEE TYPES**

**WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE 8 THIS SHEET.**

**TYPE G5 (4" TOTAL THICKNESS):**  
3/8" 20 G. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 5/8" R-11 SOUND ATTENUATION FIBER BLANKETS.

**TYPE G7 (7" TOTAL THICKNESS):**  
R" 20 G. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 5/8" R-21 SOUND ATTENUATION FIBER BLANKETS.

**TYPE G9 (9" TOTAL THICKNESS):**  
8" 20 G. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 8" R-25 SOUND ATTENUATION FIBER BLANKETS.

**NOTE:**  
ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

**TOP OF PARTITION (WAFFLE) (TEND AND SECURE TO UNDERSIDE OF ROOF/DECK/FLOOR SLAB ABOVE. PACK ALL VOIDS WITH CONTINUOUS SOUND ATTENUATION FIBER BLANKET)**

**PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT FULL PERIMETER (EACH SIDE AND AT ALL PENETRATIONS THROUGH PARTITION)**

**ACOUSTICAL FIBERGLASS UNFACED SOUND ATTENUATION FIBER BLANKET - REFER TO TYPES FOR ADDITIONAL INFORMATION**

**NOTE:**  
EACH TRADE SHALL FIRE STOP AND SMOKE SEAL ALL PENETRATIONS THROUGH PARTITIONS.

**TWO (2) LAYERS OF TYPE GYP. BD. (EACH SIDE), FINISH AS SCHEDULED**

**COLD FORMED METAL FRAMING - REFER TO TYPES FOR ADDITIONAL INFORMATION**

**SECURE PARTITION TO FLOOR CONSTRUCTION**

**VARIES - SEE TYPES**

**WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE & THIS SHEET.**

**TYPE H6 (5/8" TOTAL THICKNESS):**  
3/8" x 20 GA. MIM. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 3/8" R-11 SOUND ATTENUATION FIBER BLANKETS.

**TYPE H9 (1" TOTAL THICKNESS):**  
R 20 GA. MIM. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 5/8" R-21 SOUND ATTENUATION FIBER BLANKETS.

**TYPE H11 (1 1/2" TOTAL THICKNESS):**  
8" x 20 GA. MIM. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 8" R-25 SOUND ATTENUATION FIBER BLANKETS.

**NOTE:**  
ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA. MIN. FASTENED AT 24" O.C. MAX.

**H6 6" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)**  
UL U149 / STC 54, NON-BEARING INTERIOR PARTITION

**H9 9" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)**  
UL U149 / STC 54, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

**H11 11" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)**  
UL U149 / STC 54, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

NEW OR EXIST. WALL CONSTRUCTION, VARIES

6" MIN.

DENOTES LINE OF FINISHED CEILING - VARIES, REFER TO REFLECTED CEILING PLAN

ONE (1) LAYER TYPE I GYP. BD. ADHERED AND MECHANICALLY FASTENED TO NEW OR EXIST. WALL CONSTRUCTION. EXTEND GYP. BD. 6" ABOVE FINISHED CEILING U.N.O.

HOLD GYP. BD. 1/2" ABOVE FINISH FLOOR ELEVATION TO ALLOW FOR MOVEMENT. PROVIDE CONTINUOUS SEALANT (FULL PERIMETER)

WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE 8 THIS SHEET.

1 GYP. BD. LAMINATION OVER SUBSTRATE

NEW OR EXIST. WALL CONSTRUCTION, VARIES

DENOTES LINE OF FINISHED CEILING - VARIES. REFER TO REFLECTED CEILING PLAN

ONE (1) LAYER TYPE 1 GYP. BD. -  
AS IS SCHEDULED. EXTEND GYP.  
BD. 8" ABOVE FINISHED CEILING U.N.O.

COLD FORMED METAL FRAMING OR  
FURRING - REFER TO TYPES FOR  
ADDITIONAL INFORMATION -

INSULATION (WHERE SCHEDULED) -  
REFER TO SPECIFIC PARTITION  
COMPOSITIONS FOR DETAILS -

HOLD GYP. BD. 1/4" ABOVE FINISH FLOOR  
ELEVATION TO ALLOW FOR MOVEMENT. PROVIDE  
CONTINUOUS SEALANT (FULL PERIMETER)

VARIES - SEE TYPES

WHERE TILE IS SCHEDULED AT GYP.  
BD. PARTITIONS, REFER TO GENERAL  
PARTITION TYPE NOTE 8 THIS SHEET.

**TYPE J1 (1/2" TOTAL THICKNESS):**  
1/2" ZGA MIN. COLD FORMED METAL  
FRAMING HAT CHANNEL FURRING AT  
16" O.C. MAX. VERTICALLY

**TYPE J2 (3/4" TOTAL THICKNESS):**  
1 1/2" ZOGA MIN. COLD FORMED METAL  
FRAMING AT 16" O.C. MAX. HORIZ.  
PROVIDE 1-1/2" RIDGID INSULATION  
BETWEEN ALL STUDS.

**TYPE J3 (3/4" TOTAL THICKNESS):**  
2 1/2" ZOGA MIN. COLD FORMED METAL  
FRAMING AT 8" O.C. MAX. HORIZ.  
PROVIDE 2-1/2" RIDGID INSULATION  
BETWEEN ALL STUDS.

**NOTE:**  
ALL GASE AND TOP TRACK RUNNERS  
(WHERE APPLICABLE) SHALL BE COLD  
FORMED METAL, ZOGA MIN. FASTENED  
AT 24" O.C. MAX.

**J1 GYP. BD. OVER 7/8" METAL FURRING**

**J2 GYP. BD. OVER 1-5/8" METAL FURRING**  
GRAPHIC SIMILAR AS SHOWN

**J3 GYP. BD. OVER 2-1/2" METAL FURRING**  
GRAPHIC SIMILAR AS SHOWN

TOP OF PARTITION (VARIES); TEND AND SECURE TO UNDERSIDE OF ROOF DECK / FLOOR SLAB ABOVE

ACoustical FIBerglass UNFaced BATT INSULATION - REFER TO TYPES FOR ADDITIONAL INFORMATION

ONE (1) LAYER OF TYPE 1 GYP. BD. (FINISHED SIDE OF PARTITION); FINISH AS SCHEDULED

COLD FORMED METAL FRAMING - REFER TO TYPES FOR ADDITIONAL INFORMATION

HOLD GYP. BD. 1/2" ABOVE FINISH FLOOR ELEVATION TO ALLOW FOR MOVEMENT; PROVIDE CONTINUOUS SEALANT (FULL PERIMETER)

VARIES - SEE TYPES

WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE 8 THIS SHEET.

TYPE K4 (1/2" TOTAL THICKNESS): 3/2" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 3/2" R-11 ACoustical FIBerglass UNFaced BATT INSULATION

TYPE K7 (5/8" TOTAL THICKNESS): 1" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. WITH 5/8" R-21 ACoustical FIBerglass UNFaced BATT INSULATION

SECURE PARTITION TO FLOOR CONSTRUCTION

NOTE:  
ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

TOP OF PARTITION (VARIES)- EXTEND AND SECURE TO UNDERSIDE OF ROOF DECK / FLOOR SLAB ABOVE

AT ALL PARTITION AREAS SCHEDULED TO BE PAINTED, PROVIDE ONE (1) LAYER OF TYPE I GYP. BD. (EACH SIDE OF PARTITION) - FINISH AS SCHEDULED

T.O. WALL TILE (WHERE SCHEDULED)

EL. VARS - COORDINATE WITH INTERIOR ELEVATIONS/TYPICAL WALL TILE ELEVATIONS

WALL TILE (WHERE SCHEDULED)

3/4" R-11 ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION

3/8" 20 GA. MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX.

SECURE PARTITION TO FLOOR CONSTRUCTION

NOTE: COORDINATE PLUMBING PARTITION CONSTRUCTION WITH ALL TRADES REFER TO MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.

AT ALL PARTITION AREAS SCHEDULED TO RECEIVE TILE, PROVIDE ONE (1) LAYER TYPE I GYP. BD. (EACH SIDE OF PARTITION) AS SUBSTRATE - FINISH AS SCHEDULED. COORDINATE HEIGHT OF GYP. BD. WITH WALL TILE LAYOUTS, (HEIGHT VARS)

NOTE: REFER TO A-9 SERIES DRAWINGS FOR ADDITIONAL WALL TILE AND FINISH INFORMATION.

NOTE: ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

4 1/2" AS 4 1/2" REDD VARS - SEE PLAN

**HOLD GYP. BD.  $\frac{3}{8}$ " BELOW STUBOEK FOR ACUSTIC ISOLATION. PROVIDE CONTINUOUS ACUSTIC SEALANT (FULL PERIMETER, EACH SIDE)**

**$\frac{3}{8}$ " 20 GA. MIN. COLD FORMED METAL FRAMING AT 24" O.C. MAX**

**TWO (2) LAYERS OF TYPE I GYP. BD. FINISH AS SCHEDULED. STAGGER ALL JOINTS**

**$\frac{3}{8}$ " R-11 ACUSTIC BATT GLASS UNFACED BATT INSULATION**

**HOLD GYP. BD.  $\frac{3}{8}$ " ABOVE FINISH FLOOR ELEVATION FOR ACUSTIC ISOLATION (TYP.) PROVIDE CONTINUOUS ACUSTIC SEALANT (FULL PERIMETER, EACH SIDE)**

**SECURE PARTITION TO FLOOR CONSTRUCTION. SET TRACK IN BED OF CONTINUOUS ACUSTIC SEALANT GASKET AT BASE AND TOP OF PARTITION FOR UNSUPPORTED GYP. BD.**

**NOTE**  
ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

**THIS ACUSTIC PARTITION SHALL BE CONSTRUCTED TO MEET OR EXCEED THE SPECIFIED STC RATING.**

**NOT USED**

HOLD GYP. BD.  $\frac{1}{2}$ " BELOW SLAB/DECK FOR ACOUSTIC ISOLATION. PROVIDE CONTINUOUS ACOUSTICAL SEALANT (FULL PERIMETER, EACH SIDE)

$\frac{3}{8}$ " 20 GA. MIN. COLD FORMED METAL FRAMING AT 24" O.C. MAX. (STAGGERED STUDS)

TWO (2) LAYERS OF TYPE I GYP. BD. (EACH SIDE). FINISH AS SCHEDULED. STAGGER ALL JOINTS.

$\frac{3}{8}$ " R-11 ACOUSTICAL FIBERGLASS UNFACED BATT INSULATION BETWEEN EACH ROW OF STUDS

HOLD GYP. BD.  $\frac{1}{2}$ " ABOVE FINISH FLOOR ELEVATION FOR ACOUSTICAL ISOLATION (TYP.). PROVIDE CONTINUOUS ACOUSTICAL SEALANT (FULL PERIMETER, EACH SIDE)

10 $\frac{3}{4}$ "

TOP OF PARTITION (VARIES) - EXTEND AN SECURE TO UNDERSIDE OF ROOF DECK/FLOOR SLAB ABOVE. SET TRACK IN BED OF CONTINUOUS ACOUSTICAL SEALANT

SECURE PARTITION TO FLOOR CONSTRUCTION. SET TRACK IN BED OF CONTINUOUS ACOUSTICAL SEALANT

NOTE:  
ALL BASE AND TOP TRACK RUNNERS SHALL BE HOT-DIP GALV. STEEL 20GA MIN. FASTENED AT 24" O.C. MAX.

THIS ACOUSTICAL PARTITION SHALL BE CONSTRUCTED TO MEET OR EXCEED THE SPECIFIED STC RATING.

**GYP. BD. METAL STUD ACOUSTICAL PARTITION**

N  
UL U453 / STC 66

EXISTING PARTITION TO REMAIN - VERIFY CONSTRUCTION TYPE AND SIZE IN FIELD

SECURE TOP OF NEW PARTITION TO EXISTING PARTITION CONSTRUCTION

NEW GYP. BD. METAL STUD FRAMED INFILL PARTITION - PATCH AND MATCH ALL EXISTING ADJACENT SURFACES FOR NEW CONSTRUCTION TO ALIGN WITH EXISTING FOR A SEAMLESS TRANSITION

ONE (1) LAYER OF GYP. BD. (EACH SIDE), GYPSUM PANEL CORE COMPOSITION SHALL MAINTAIN THE EXISTING FIRE RATING (WHERE APPLICABLE)

2024 MIN. COLD FORMED METAL FRAMING AT 16" O.C. MAX. - SIZE AS APPROPRIATE TO MATCH EXIST. PARTITION THICKNESS

SECURE BASE OF NEW PARTITION TO EXISTING FLOOR CONSTRUCTION

EXIST.

TO REMAIN

NEW INFILL

ALUM.

ACoustICAL FIBERGLASS UNFACED BATT INSULATION, THICKNESS TO FULL ENTIRE WIDTH OF STEEL FRAMING - 1" F.

VARIES - V.I.F.

UNLESS NOTED OR SCHEDULED OTHERWISE, NEW INFILL PARTITION FINISHES (EACH SIDE) SHALL MATCH THE EXISTING PARTITION FINISHES IN KIND, INCLUDING BUT NOT LIMITED TO: WALL BASE, WALL COVERING, WALL TILE, CEILING TRIM, MOLDINGS, ETC. - VERIFY IN FIELD.

VARIES

SEE PLAN

**NOTE:**  
ALL BASE AND TOP TRACK RUNNERS SHALL BE COLD FORMED METAL 20GA MIN. FASTENED AT 24" O.C. MAX.

**GYP. BD. METAL STUD INFILL PARTITION**

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD

TOP OF PARTITION (VARIES) EXTEND AND SECURE TO UNDERSIDE OF ROOF DECK, FLOOR SLAB ABOVE TO MAINTAIN CONTINUITY OF SHAFT ENCLOSURE WHERE INTERRUPTED BY A HORIZONTAL ASSEMBLY. PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT, FULL PERIMETER, EACH SIDE) AND AT ALL PARTITION PENETRATIONS. ALL BASE AND TOP TRACK RUNNERS SHALL BE HOT-DIP GALV. STEEL 20GA MIN. FASTENED AT 24" O.C. MAX.

UPPER SIDE

ONE (1) LAYER OF TYPE I GYP. BD., FINISH AS SCHEDULED

9/2" 20 GA. MIN. C-H COLD FORMED METAL STUDS AT 24" O.C. TYP.

1" THICK NOM. 24" WIDE GYPSUM LINER PANELS, FINISH AS SCHEDULED TYPE

SHAFT SIDE

NOTE:  
EACH TRADE SHALL FIRE STOP AND SMOKE SEAL ALL PENETRATIONS THROUGH RATED PARTITIONS.

**GYP. BD. METAL STUD SHAFT PARTITION (1-HR RATING)**

UL I4415 SYSTEM A / STC N/A (PLAN VIEW SHOWN)

TOP OF PARTITION (VARIES) - EXTEND AND SECURE TO UNDERSIDE OF ROOF DECK / FLOOR SLAB ABOVE TO MAINTAIN CONTINUITY OF SHAFT ENCLOSURE WHERE INTERRUPTED BY A HORIZONTAL ASSEMBLY. PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT, FULL PERIMETER, (EACH SIDE) AND AT ALL PARTITION PENETRATIONS. ALL BASE AND TOP TRACK RUNNERS SHALL BE NOT-DIP GALV. STEEL 20GA MIN. FASTENED AT 24" O.C. MAX.

1" MIN. THICK MINERAL WOOL INSULATION  
TWO (2) LAYERS OF TYPE I GYP. BD.,  
FINISH AS SCHEDULED

20" 20 GA. MIN. C-H COLD FORMED METAL STUDS AT 24" O.C. MAX.  
1" THICK NOM. 24" WIDE GYPSUM LINER PANELS, TYPE I GYP.

FINISHED SIDE

SHAFT SIDE

3/4"

NOTE:  
EACH TRADE SHALL FIRE STOP AND  
SMOKE SEAL ALL PENETRATIONS  
THROUGH RATED PARTITIONS.

**GYP. BD. METAL STUD SHAFT PARTITION (2-HR RATING)**

R

UL U415 SYSTEM B / STC 48 (PLAN VIEW SHOWN)

**EXISTING PARTITION TO REMAIN - VERIFY CONSTRUCTION TYPE AND SIZE IN FIELD**

**SECURE TOP OF NEW PARTITION TO EXISTING PARTITION CONSTRUCTION**

**NEW GYP. BD. WOOD FRAMED INFILL PARTITION - PATCH AND MATCH ALL EXISTING ADJACENT SURFACES FOR NEW CONSTRUCTION TO ALIGN WITH EXISTING FOR A SEAMLESS TRANSITION**

**ONE (1) LAYER OF GYP. BD. (EACH SIDE) GYPSUM PANEL CORE COMPOSITION SHALL MAINTAIN THE EXISTING FIRE RATING (WHERE APPLICABLE)**

**WOOD FRAMING AT 16" O.C. MAX. WITH SILL AND TOP PLATES - SIZE AS APPROPRIATE TO MATCH EXIST. PARTITION THICKNESS**

**SECURE BASE OF NEW PARTITION TO EXISTING FLOOR CONSTRUCTION**

**WHERE TILE IS SCHEDULED AT GYP. BD. PARTITIONS, REFER TO GENERAL PARTITION TYPE NOTE 8 THIS SHEET.**

**REFER TO GENERAL PARTITION TYPE NOTE 10 THIS SHEET FOR ADDITIONAL INFILL PARTITION REQUIREMENTS.**

**ACoustICAL FIBERGLASS UNFACED BATT INSULATION THICKNESS TO FILL ENTIRE WIDTH OF STEEL FRAMING - V.I.F.**

**UNLESS NOTED OR SCHEDULED OTHERWISE, NEW INFILL PARTITION FINISHES (EACH SIDE) SHALL MATCH THE EXISTING PARTITION FINISHES IN KIND, INCLUDING BUT NOT LIMITED TO: WALL BASE, WALL COVERING, WALL TILE, CEILING T-MOLDINGS, ETC. - VERIFY IN GENERAL**

**VARIES - V.I.F.**

**VARIES - SEE PLAN**

**NOT USED**

**S GYP. BD. WOOD STUD INFILL PARTITION**

**CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD**

## GENERAL PARTITION TYPE NOTES:

- ALL PARTITIONS SHALL EXTEND TO UNDERSIDE OF A FLOOR SLAB OR ROOF DECK UNLESS OTHERWISE NOTED.
- AT ALL PARTITIONS THAT ARE DESIGNATED TO BE FIRE RATED PARTITIONS, PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT AT TOPS OF PARTITIONS, AT ALL PENETRATIONS THROUGH RATED PARTITIONS, AND FIRE SAFING JOINT FILLER PARTITION TO SLAB/DECK JUNCTION.
- REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS/ASSEMBLIES AND ADDITIONAL RATING INFORMATION.
- ALL PARTITIONS SHALL BE FINISHED AS SCHEDULED. ALL FINISHES SHALL BE CONTINUOUS AT ALL PARTITION FINISHES UNLESS NOTED OTHERWISE. REFER TO A9-SERIES FOR ADDITIONAL FINISH INFORMATION.
- ALL NEW PARTITIONS SHALL BE PREPARED, PRIMED AND PAINTED. REFER TO SPECIFICATION SECTION 090900.
- REFER TO THE PROJECT MANUAL FOR CONTROL AND EXPANSION JOINT REQUIREMENTS FOR ALL MASONRY WALL CONSTRUCTION GYP. BD. WALL CONSTRUCTION, GYP. BD. LAMINATION, AND PLASTER SURFACING.
- REFER TO SPECIFICATIONS FOR GYPSUM BOARD TYPE DESIGNATIONS AND APPLICABLE LOCATIONS (GYP. BD. TYPE I / TYPE II).
- WHERE METAL STUD FRAMED PARTITIONS ARE SCHEDULED TO RECEIVE NEW TILE FINISHES, THE CONTRACTOR SHALL PROVIDE GYPSUM WALL BOARD TYPE I AT THE LOCATIONS TO RECEIVE THE TILE (ONLY IN LIEU OF THE SCHEDULED GYP. BD. TYPE FOR SUITABLE WALL FINISH SUBSTRATE. REFER TO A-9 SERIES FOR ADDITIONAL INFORMATION).
- ALL NEW OPENINGS IN METAL STUD PARTITIONS, INCLUDING BUT NOT LIMITED TO DOORS AND WINDOWS, SHALL RECEIVE APPROPRIATE HURDLE AS DESIGNED BY THE LIGHT GAUGE FRAMING MANUFACTURER.
- WHERE EXISTING OPENINGS IN EXISTING PARTITIONS ARE SCHEDULED TO BE INFILLED, THE NEW INFILL CONSTRUCTION SHALL MAINTAIN AND MATCH THE EXISTING PARTITION'S FIRE RATING FOR CONTINUITY OF FIRE AND SMOKE PROTECTION. - CONTRACTOR TO VERIFY IF FILL (1-HR MIN. RATING AT CORRIDORS). REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL INFORMATION.
- AT ALL LOCATIONS WHERE EXISTING PARTITIONS ARE SCHEDULED TO BE PATCHED OR INFILLED, ALL NEW CONSTRUCTION/FINISHES SHALL MATCH THE EXISTING ADJACENT SURFACES IN KIND - CONTRACTOR TO I.F.I.
- AT ALL LOCATIONS WHERE NEW WORK IS SCHEDULED, THE CONTRACTOR SHALL PROVIDE SOLID BLOCKING, LATTE, BRAC AND ADDITIONAL FRAMING AS REQUIRED TO SECURE NEW PARTITIONS TO THE STRUCTURE ABOVE AND TO ACCOMMODATE NEW WALL MOUNTED FIXTURES, ACCESSORIES, EQUIPMENT, ETC.
- WHERE PARTITION TYPES ARE NOT SPECIFICALLY IDENTIFIED IN PLAN, IT IS THE INTENT THAT THE GRAPHICALLY INDICATED TYPE SHALL BE CONTIGUOUS UNTIL INTERRUPTED BY ANOTHER SPECIFIED WALL TYPE.

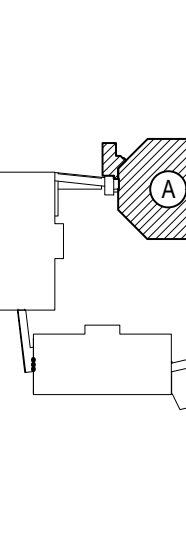
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**KEY PLAN**  
 \_\_\_\_\_  
 NOT TO SCALE



<b>PROJECT</b>  BEDFORD CENTRAL SCHOOL DISTRICT PHASE 2 - BOND IMPROVEMENTS FOX LANE MIDDLE SCHOOL TOWN OF BEDFORD / WESTCHESTER COUNTY	<b>DWG TITLE</b>  PARTITION TYPES	
<b>DRAWING BY:</b> P.J.H. <b>CHECK BY:</b> G.W.S.		
<b>NOTICE</b> <small>THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, PC. REPRODUCTION OR ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY ALTERATION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR ENGINEER.</small>		

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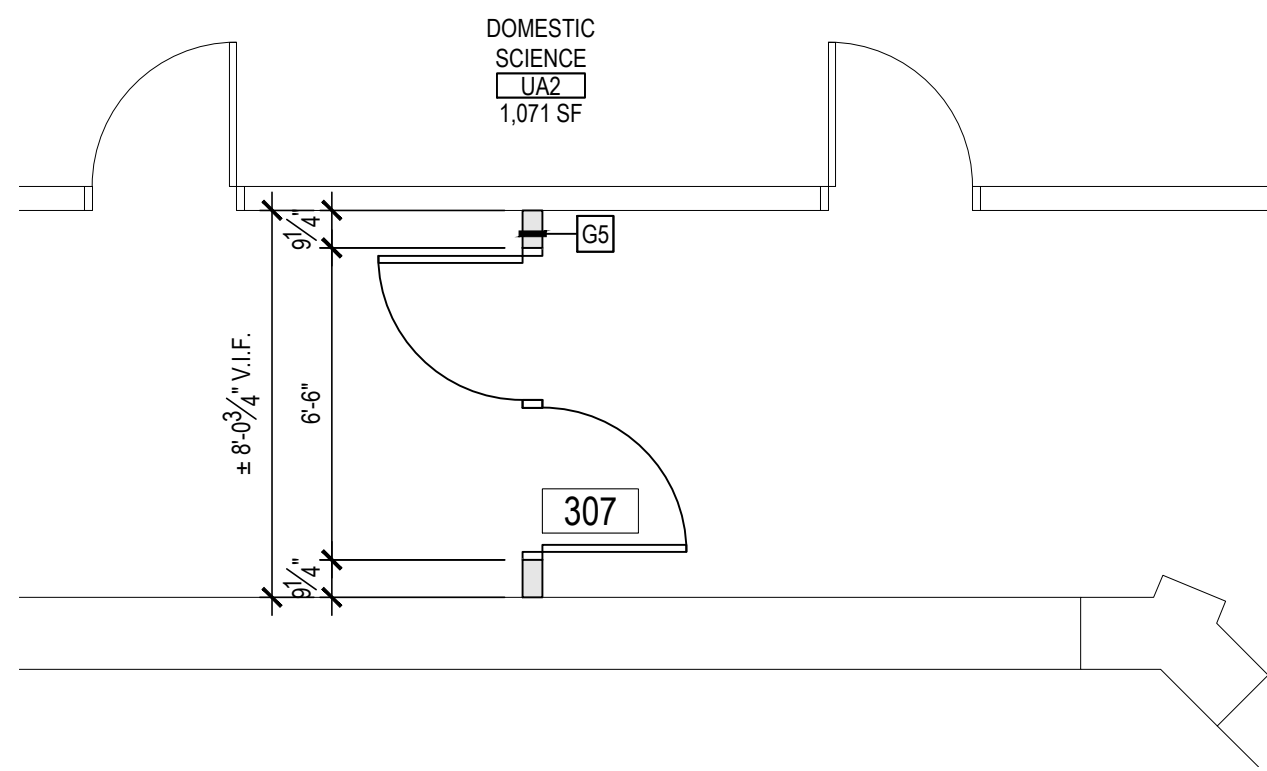
  

<b>S&amp;D No.</b>	66-01-02-06-0-007-013
<b><u>DISTRICT</u></b>	BEDFORD CENTRAL SCHOOL DISTRICT
<b><u>PROJECT</u></b>	PHASE 2 - BOND IMPROVEMENTS
<b><u>DWG TITLE</u></b>	PARTITION TYPES
<b>SCALE:</b>	AS NOTED
<b>DATE:</b>	APRIL 2024
<b>BID PICK-UP:</b>	FEBRUARY 24, 2025
<b>FILE No.</b>	23-131b FLMS

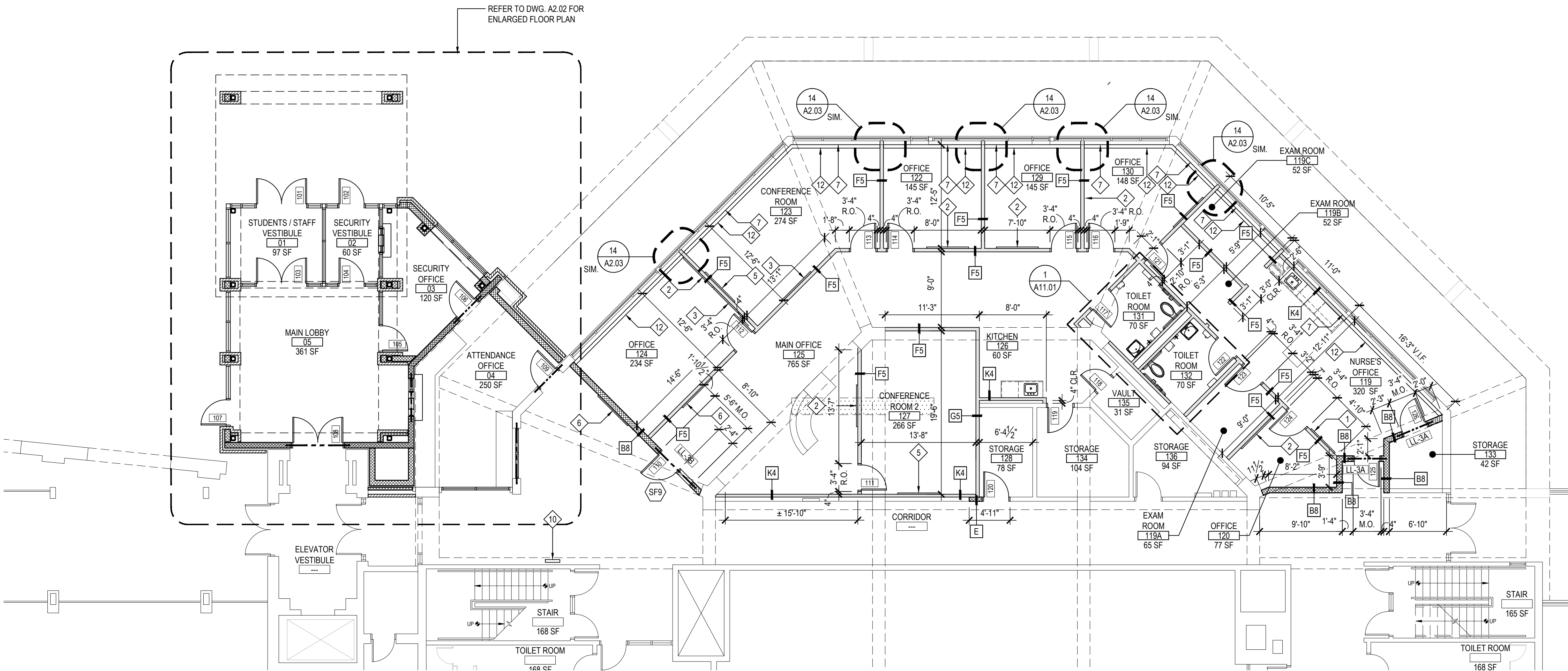
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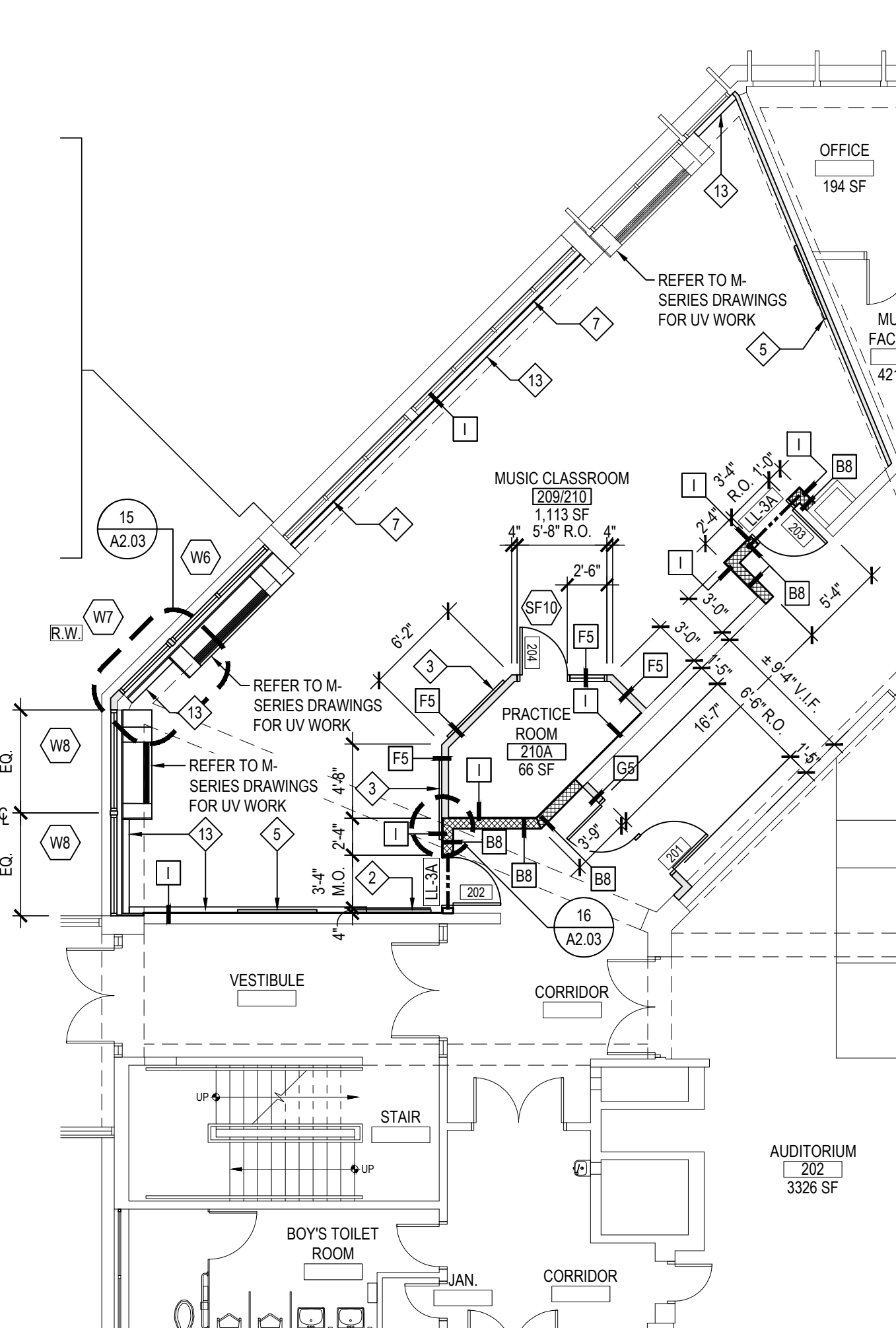
1 ENLARGED SECOND FLOOR PROPOSED PLAN

SCALE: 1/4" = 1'-0"



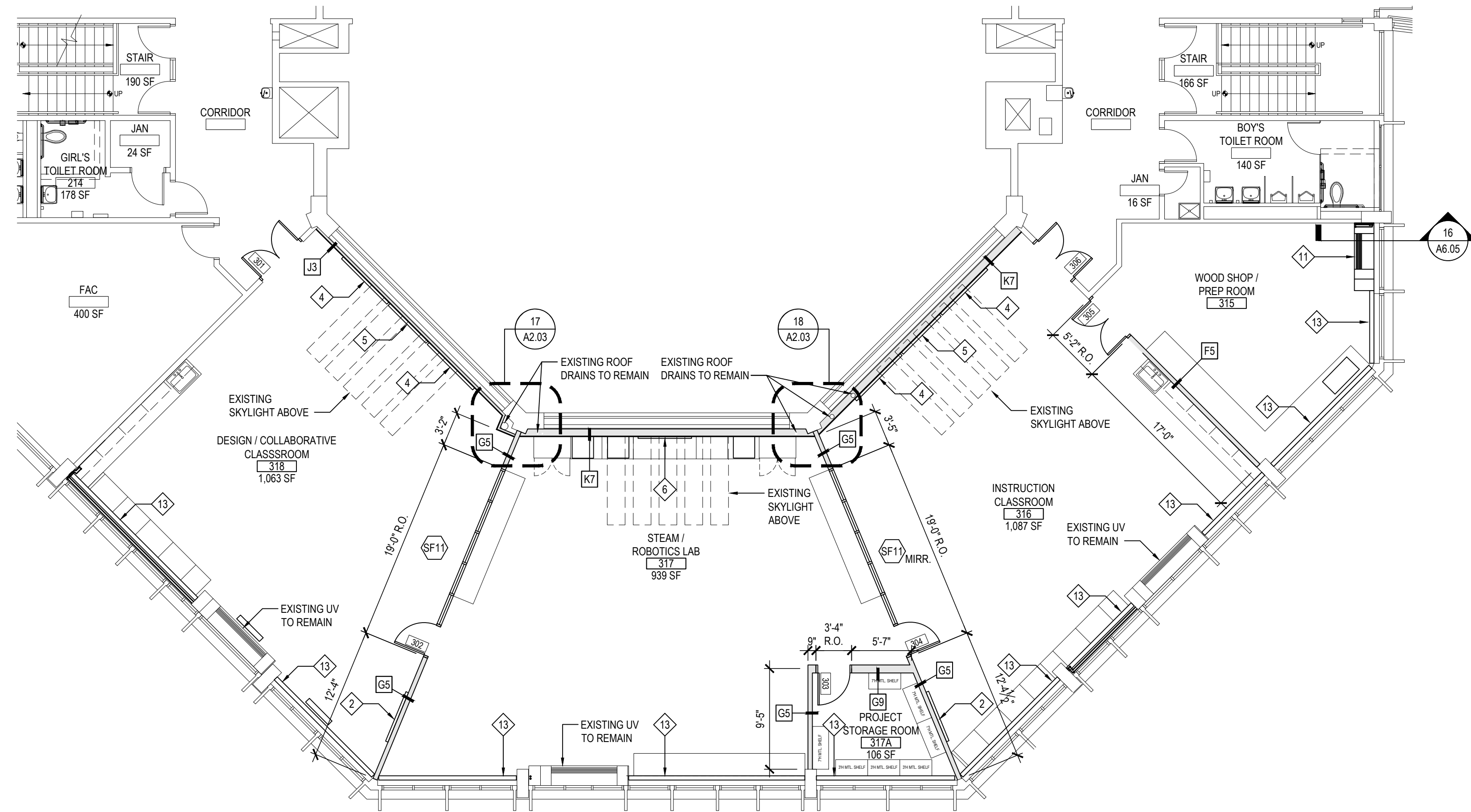
LOWER LEVEL PROPOSED PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR PROPOSED PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR PROPOSED PLAN

SCALE: 1/8" = 1'-0"

### GENERAL CONSTRUCTION NOTES

- GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
- IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
- ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL PROTECT ALL AREAS OF WORK FROM INCONVENIENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
- ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE OWNER & CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
- ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
- ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
- ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM OWNER.
- ALL CONTRACTORS ARE TO COORDINATE INSTALLATION OF THEIR WORK WITH EACH OTHER AND WITH THE WORK BEING PERFORMED UNDER SEPARATE CONTRACTS BY OTHERS AND WORK PERFORMED BY THE OWNER'S VENDORS.
- REFER TO CONSTRUCTION IMPLEMENTATION PLANS AND CONSTRUCTION SPECIAL PROVISIONS (PREPARED BY OTHERS, IF APPLICABLE) FOR ALL REQUIREMENTS FOR TEMPORARY CONSTRUCTION.

### PROPOSED KEY NOTES

- 4'-0" x 4'-0" TACKBOARD PROVIDED AND INSTALLED BY G.C.
- 4'-0" x 5'-0" TACKBOARD PROVIDED AND INSTALLED BY G.C.
- 4'-0" x 5'-0" MARKERBOARD PROVIDED AND INSTALLED BY G.C.
- 4'-0" x 6'-0" MARKERBOARD PROVIDED AND INSTALLED BY G.C.
- NEW INTERACTIVE LCD SMARTBOARD PROVIDED BY OWNER, INSTALLED BY E.C. G.C. TO INSTALL SOLID BLOCKING IN ALL EXISTING AND NEW METAL STUD WALLS. COORDINATE IN FIELD. REFER TO E-SERIES DRAWINGS.
- NEW WALL MOUNTED MONITOR PROVIDED BY OWNER, INSTALLED BY E.C. REFER TO E-SERIES DRAWINGS.
- PROVIDE AND INSTALL NEW PHENOLIC RESIN WINDOW SILLS. MATCH WIDTH OF EXISTING MASONRY OPENING. REFER TO DETAIL ON SHEET A2.01.
- PROVIDE AND INSTALL NEW FIRE EXTINGUISHER WITH RECESSED FIRE RATED CABINET. REFER TO DETAIL No. 5, DRAWING A11.06.
- NEW 1/2 HOUR FIRE SHUTTER MODEL ERC-11-ALARMGUARD BY CORNELL IRONWORKS OR ARCHITECT APPROVED EQUAL. E.C. TO CONNECT NEW SHUTTER SYSTEM INTO EXISTING FIRE ALARM SYSTEM.
- NEW MECHANICAL FLOOR GRILLES PROVIDED BY M.C. COLOR AS SELECTED BY ARCHITECT.
- NEW UNIT VENTILATOR BY M.C. REFER TO M-SERIES DRAWINGS.
- NEW FIN TUBE AND FIN TUBE ENCLOSURES BY M.C. REFER TO M-SERIES DRAWINGS.
- M.C. TO REPLACE EXISTING FIN TUBE ENCLOSURES WITH NEW. REFER TO M-SERIES DRAWINGS.
- NEW 1/2 HOUR FIRE SHUTTER MODEL ERC-11-ALARMGUARD BY CORNELL IRONWORKS OR ARCHITECT APPROVED EQUAL. E.C. TO CONNECT NEW SHUTTER SYSTEM INTO EXISTING FIRE ALARM SYSTEM.

#### GENERAL NOTES:

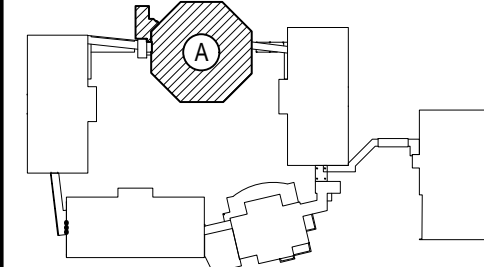
- G.C. SHALL COORDINATE TACK BOARD / MARKERBOARD LOCATIONS AND ELEVATIONS IN EACH CLASSROOM W/ PROPOSED INTERACTIVE BOARD OR PROJECTOR AND OTHER CLASSROOM / OFFICE EQUIPMENT AND FURNISHINGS.
- G.C. SHALL REFER TO M.E.P. SERIES DRAWINGS FOR ADDITIONAL WORK SCOPES NOT SHOWN ON THESE DRAWINGS AND COORDINATION OF WORK SCOPE BY OTHERS.

### ARCHITECTURAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	KEYED NOTE
	DOOR NUMBER
	WINDOW DESIGNATION
	ROOM TAG
	ROOM NAME
	ROOM NUMBER
	ROOM AREA
	DETAIL TAG
	DETAIL NUMBER
	DETAIL DRAWING NUMBER
	SECTION / ELEVATION TAG
	SECTION / ELEVATION DRAWING NUMBER
	DENOTES INTERIOR PARTITION TYPE - REFER TO PARTITION TYPES FOR ADDITIONAL INFORMATION.
	DENOTES LOCATION OF FULL BUILDING EXPANSION JOINT. PROVIDE APPROPRIATE INTERIOR FLOOR WALL AND CEILING EXPANSION JOINT COVERS, WHERE APPLICABLE. PROVIDE VERTICAL JOINT BY EMSEAL OR EQUAL AT EXTERIOR, WHERE APPLICABLE.
	DENOTES LOCATION OF 1/2" MASONRY CONTROL JOINT WITH CONTINUOUS BACKER ROD AND SEALANT.
	DENOTES LOCATION OF NEW CAST STONE DATE STONE.
	DENOTES LOCATION OF NEW DEDICATION PLAQUE.
	DENOTES FINISH FLOOR ELEVATION REFERENCED FROM 0'-0". WHERE ENGINEERING ELEVATIONS ARE REFERENCED (000.00'), REFER TO CIVIL-SERIES DRAWINGS FOR ADDITIONAL DATUM INFORMATION.
	DENOTES LOCATION AND DESIGNATION OF NEW LINTEL.
	DENOTES LOCATION OF TRUSS / JOIST IDENTIFICATION SIGN.
	DENOTES LOCATION OF TRUSS / JOIST IDENTIFICATION SIGN.
	DENOTES DOOR ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE, CONNECTED TO FIRE ALARM SYSTEM.
	DENOTES ACCESSIBLE ENTRANCE/EXIT, FIXTURE, ACCESSORY, DEVICE, OR PARTICIPATION AREA.
	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLES/BOOK FOR ADDITIONAL INFORMATION.
	CMU WALL CONSTRUCTION
	2-HOUR FIREWALL CONSTRUCTION
	BRICK VENEER CONSTRUCTION
	GYPSUM AND METAL STUD WALL CONSTRUCTION
	GYPSUM BOARD, PLASTER, MORTAR, SAND
	CONCRETE

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROPOSED FLOOR PLANS  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LAKE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DRAWING BY: E.M.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT: PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE: PROPOSED FLOOR PLANS

SCALE: AS NOTED

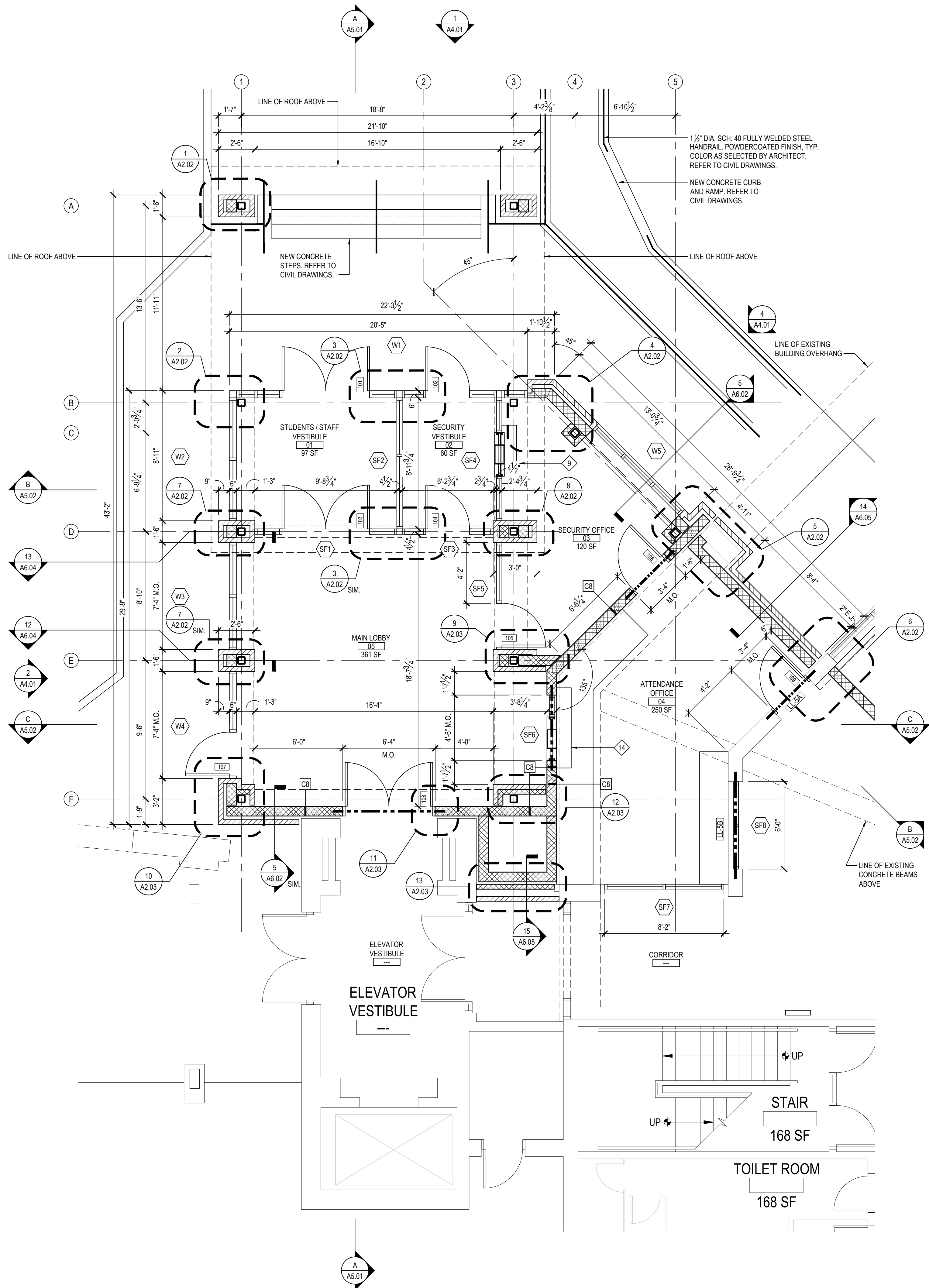
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

A2.01





ENLARGED ADDITION PROPOSED FLOOR PLAN

SCALE: 1/4" = 1'-0"

1 PLAN DETAIL

at EXTERIOR MASONRY PIER

SCALE: 3/4" = 1'-0"

3 PLAN DETAIL

at STUDENT/STAFF VESTIBULE AND SECURITY VESTIBULE

SCALE: 3/4" = 1'-0"

5 PLAN DETAIL

at SECURITY OFFICE AND ATTENDANCE OFFICE

SCALE: 3/4" = 1'-0"

7 PLAN DETAIL

at STUDENTS / STAFF VESTIBULE AND MAIN LOBBY

SCALE: 3/4" = 1'-0"

2 PLAN DETAIL

at STUDENTS / STAFF VESTIBULE

SCALE: 3/4" = 1'-0"

4 PLAN DETAIL

at SECURITY OFFICE

SCALE: 3/4" = 1'-0"

6 PLAN DETAIL

at ATTENDANCE OFFICE and CORRIDOR

SCALE: 3/4" = 1'-0"

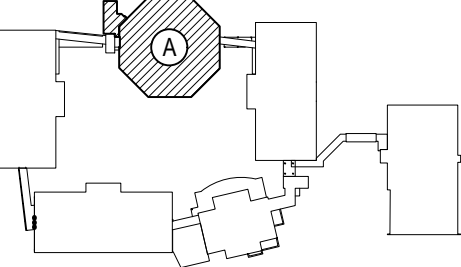
8 PLAN DETAIL

at SECURITY OFFICE

SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

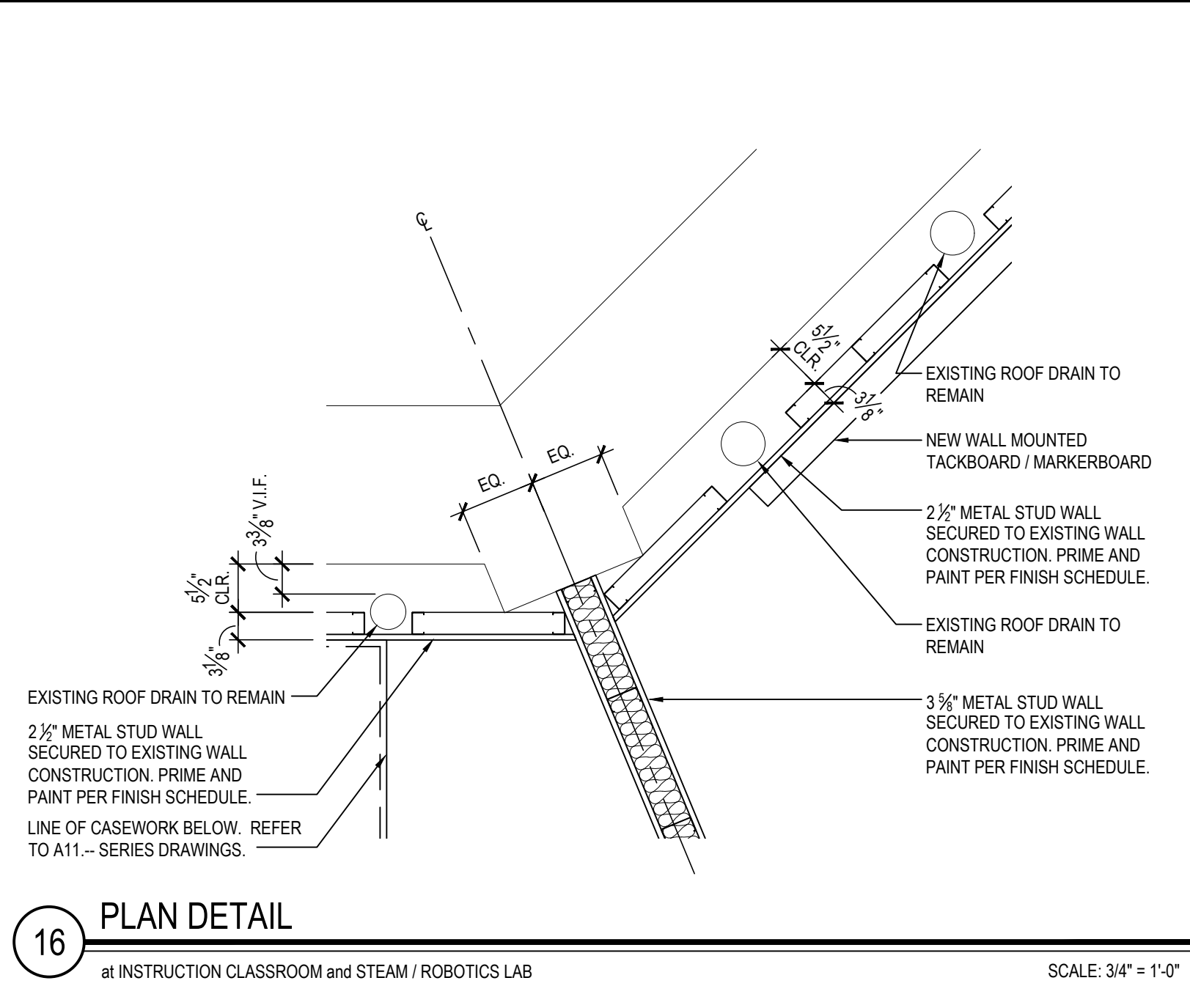
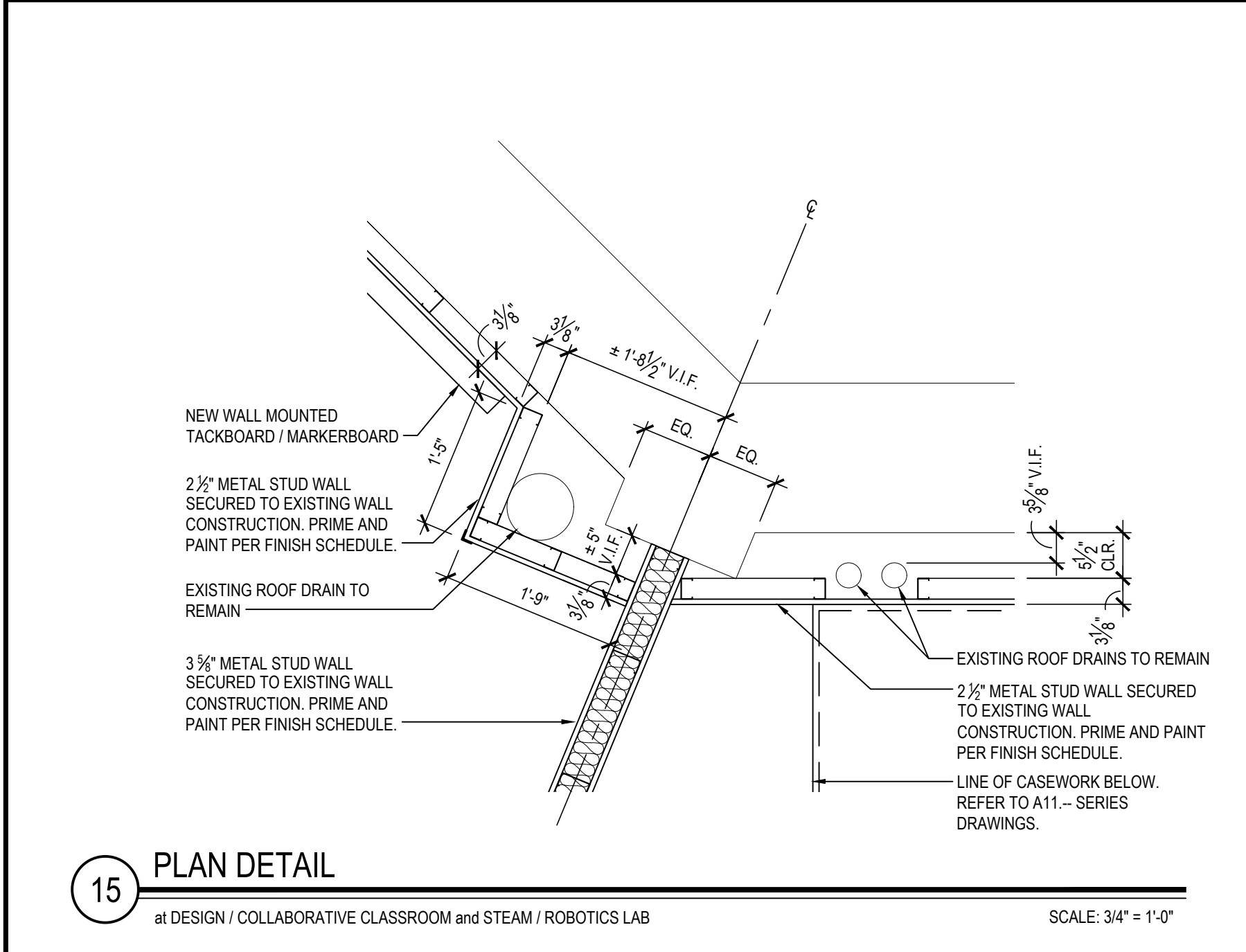
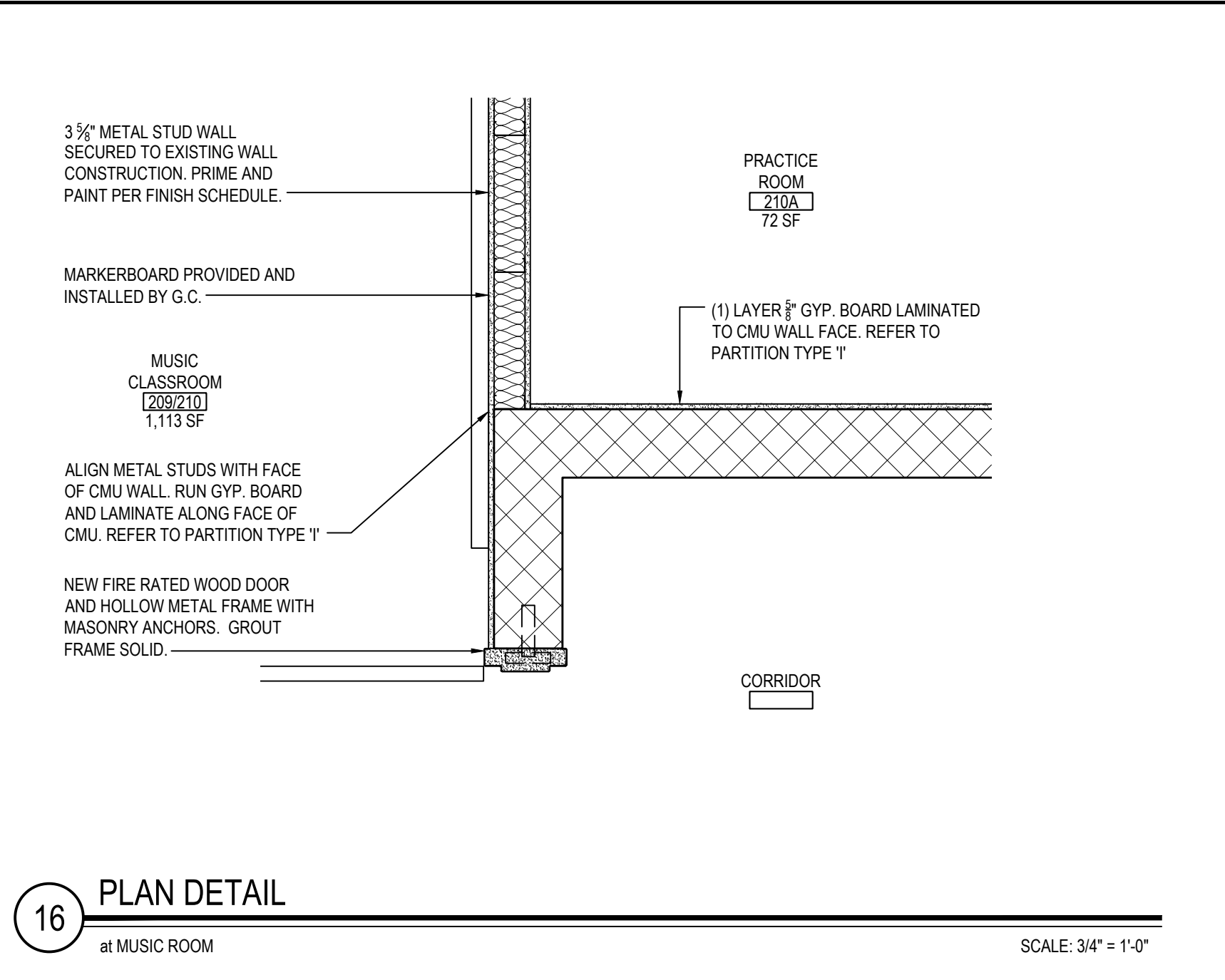
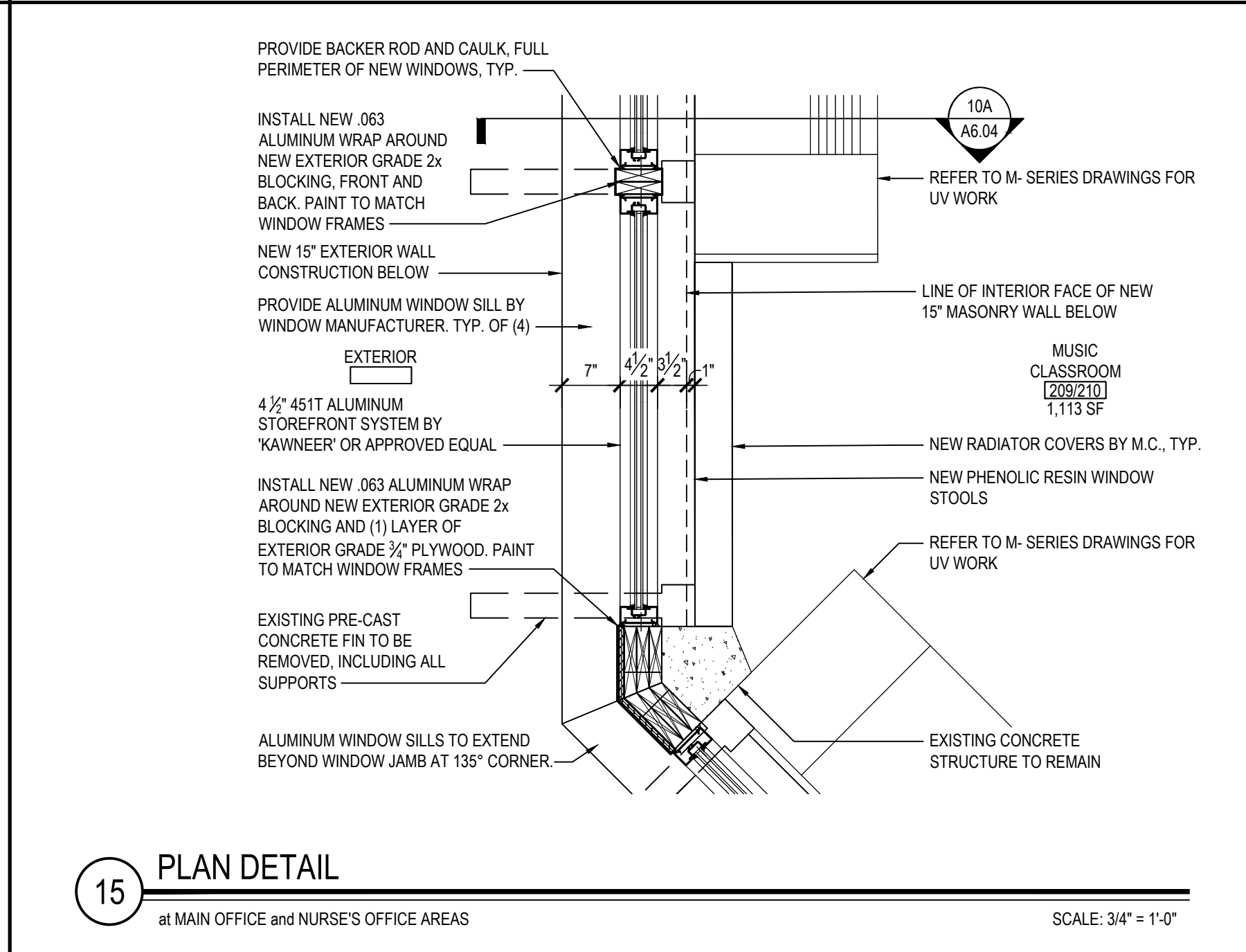
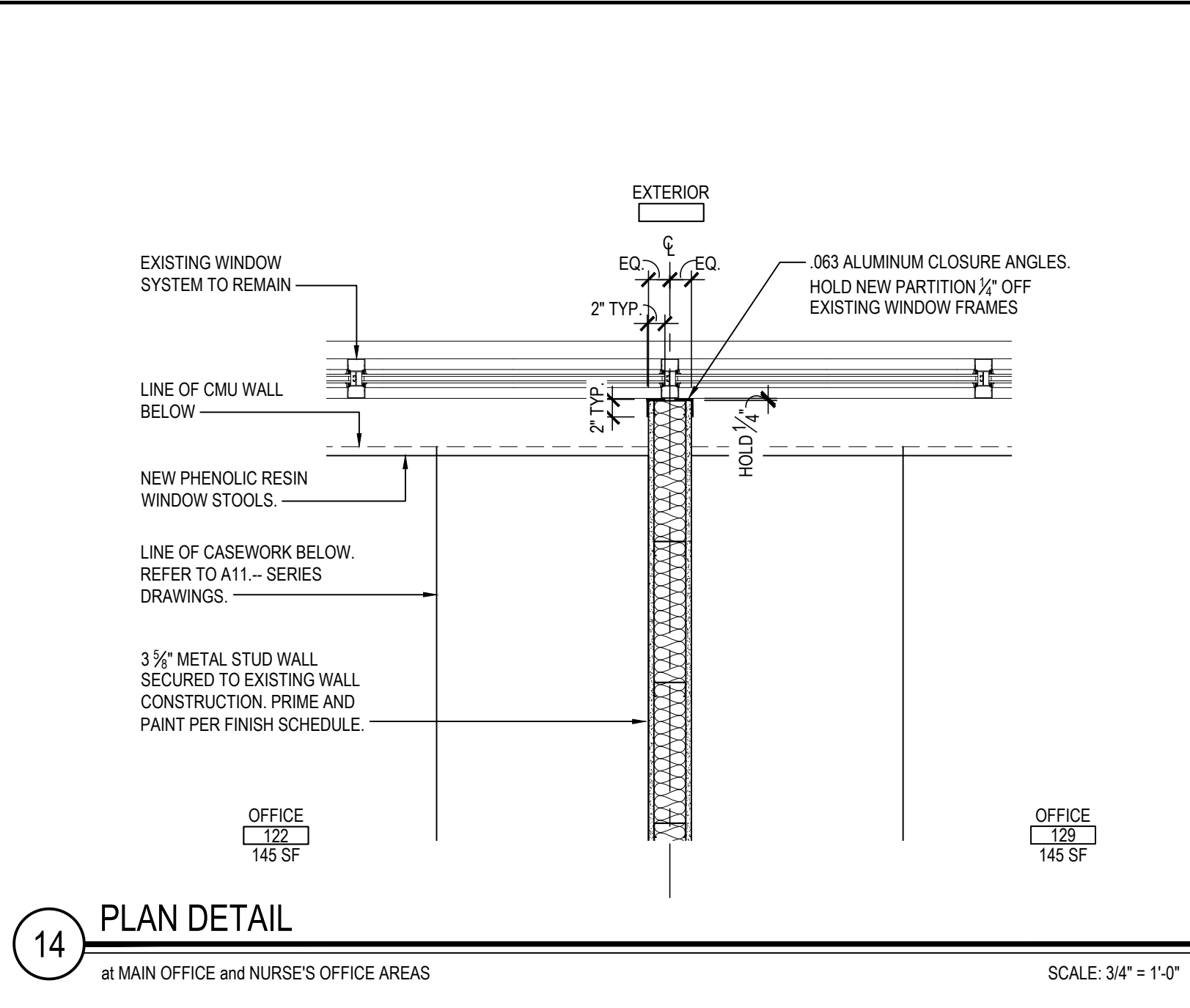
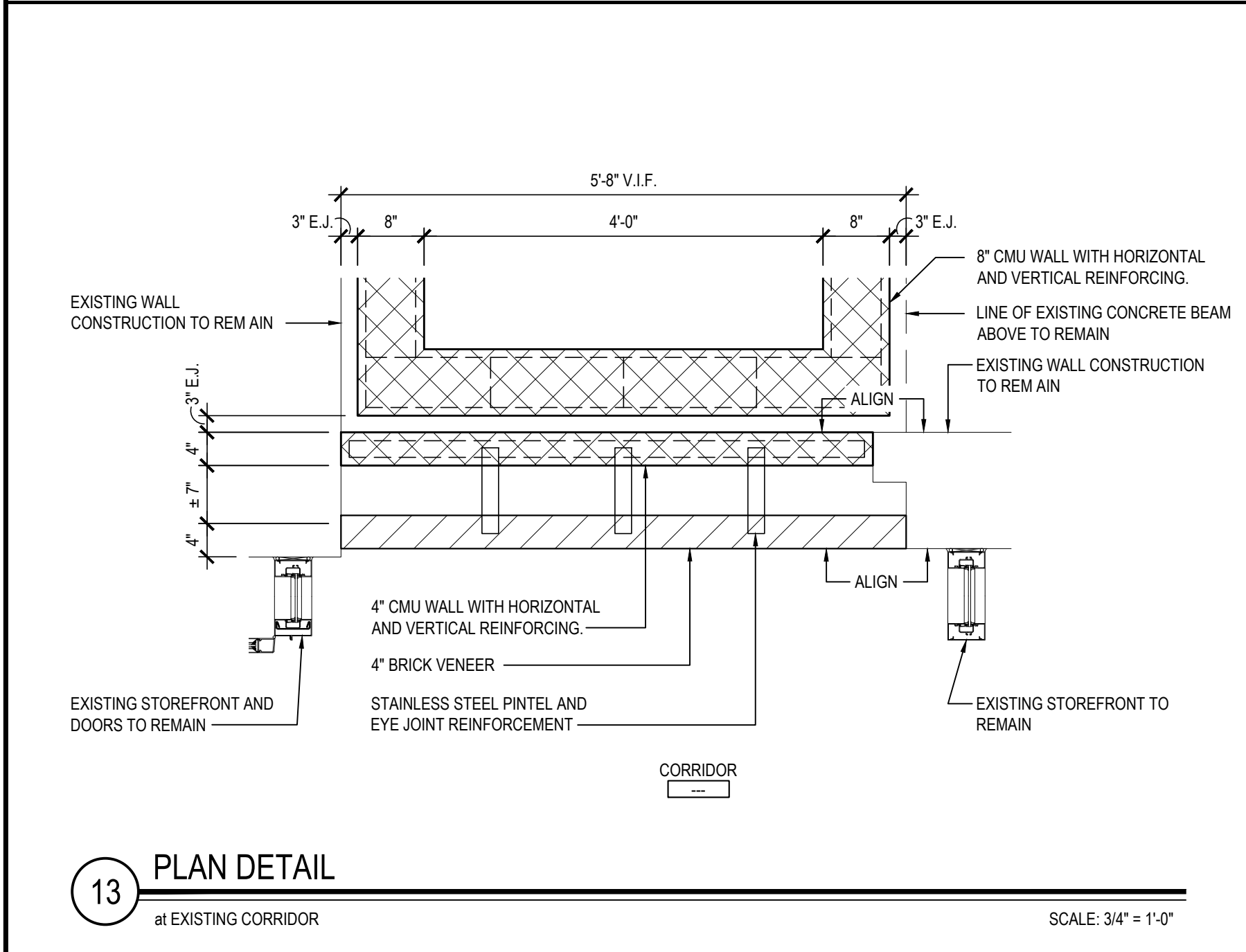
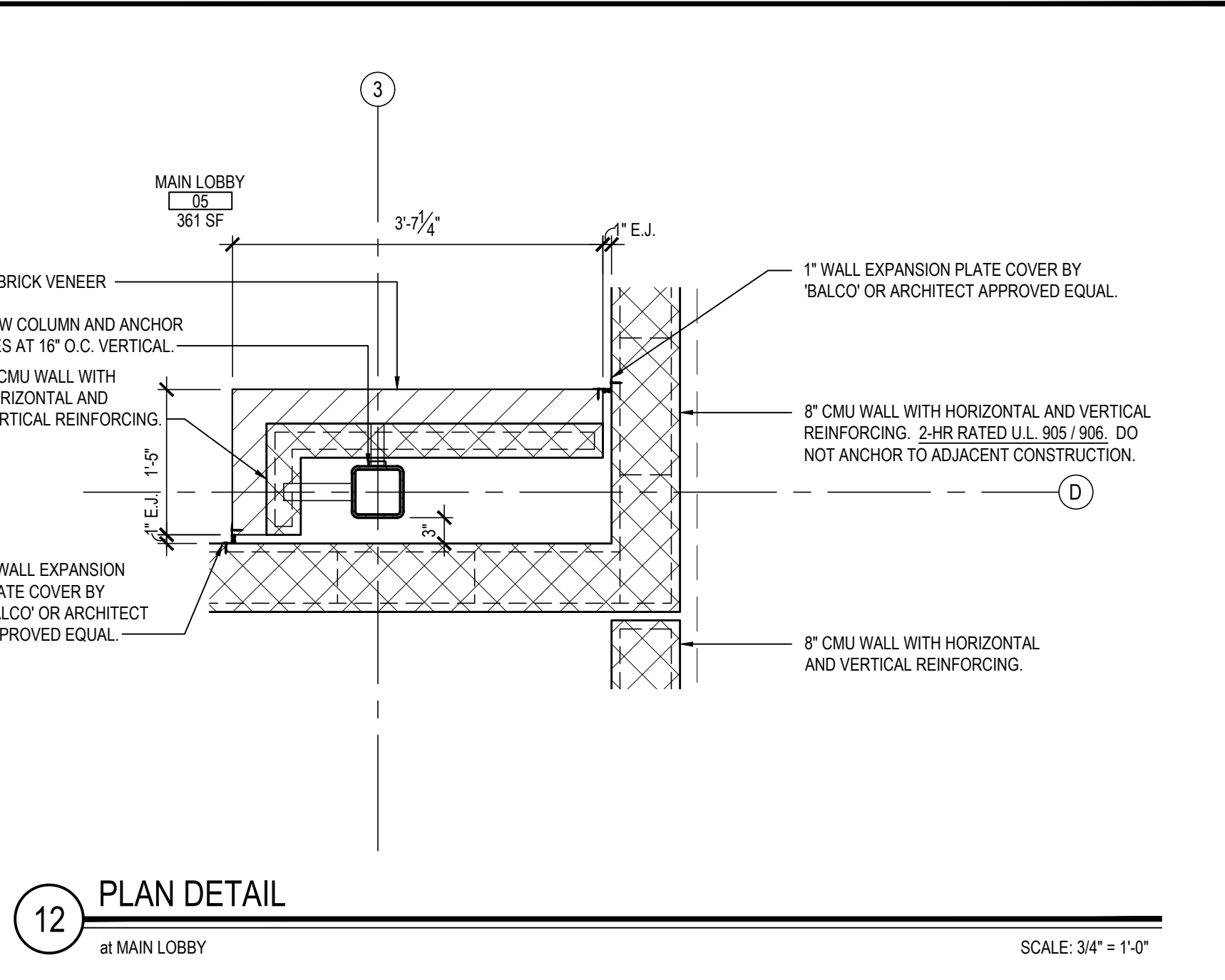
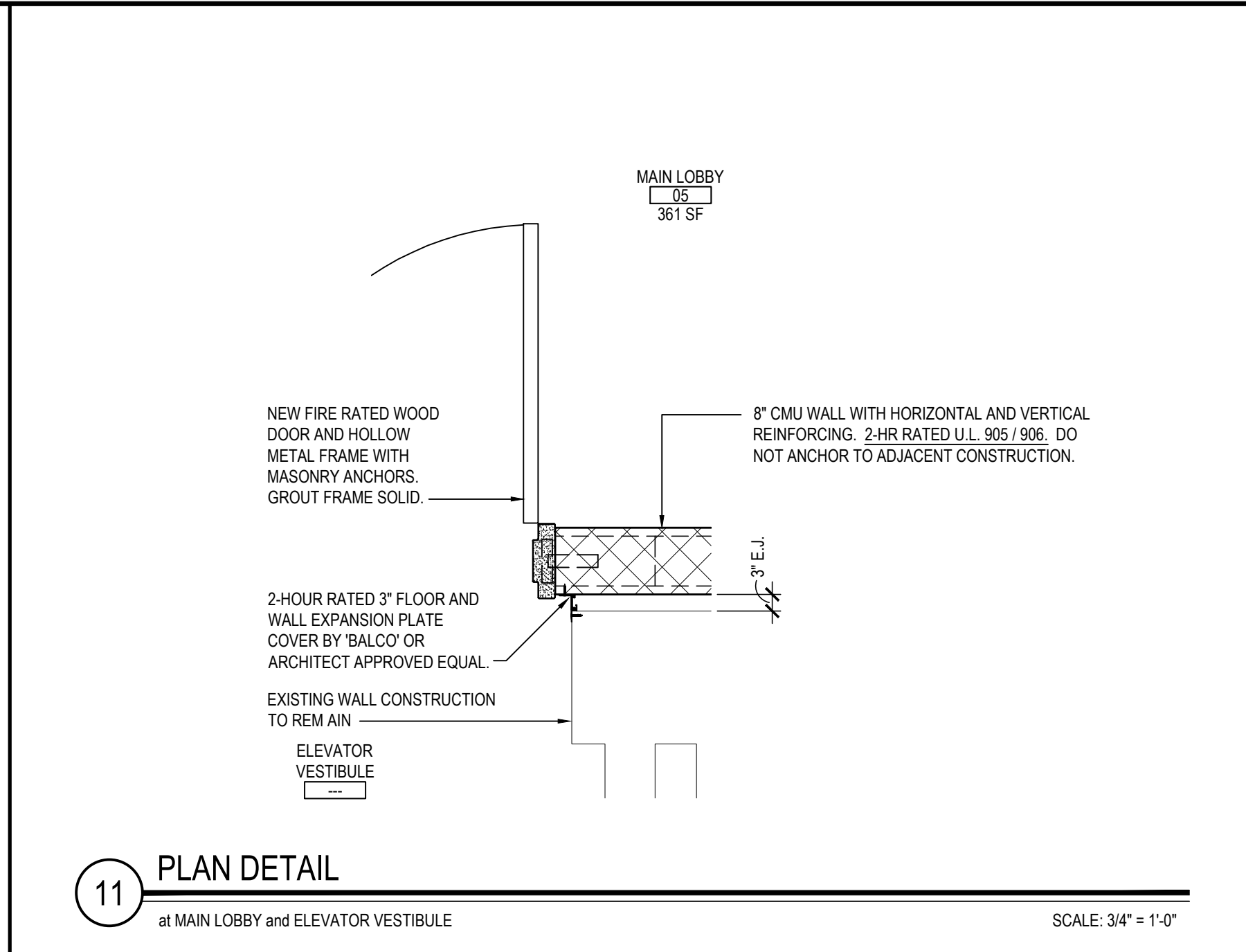
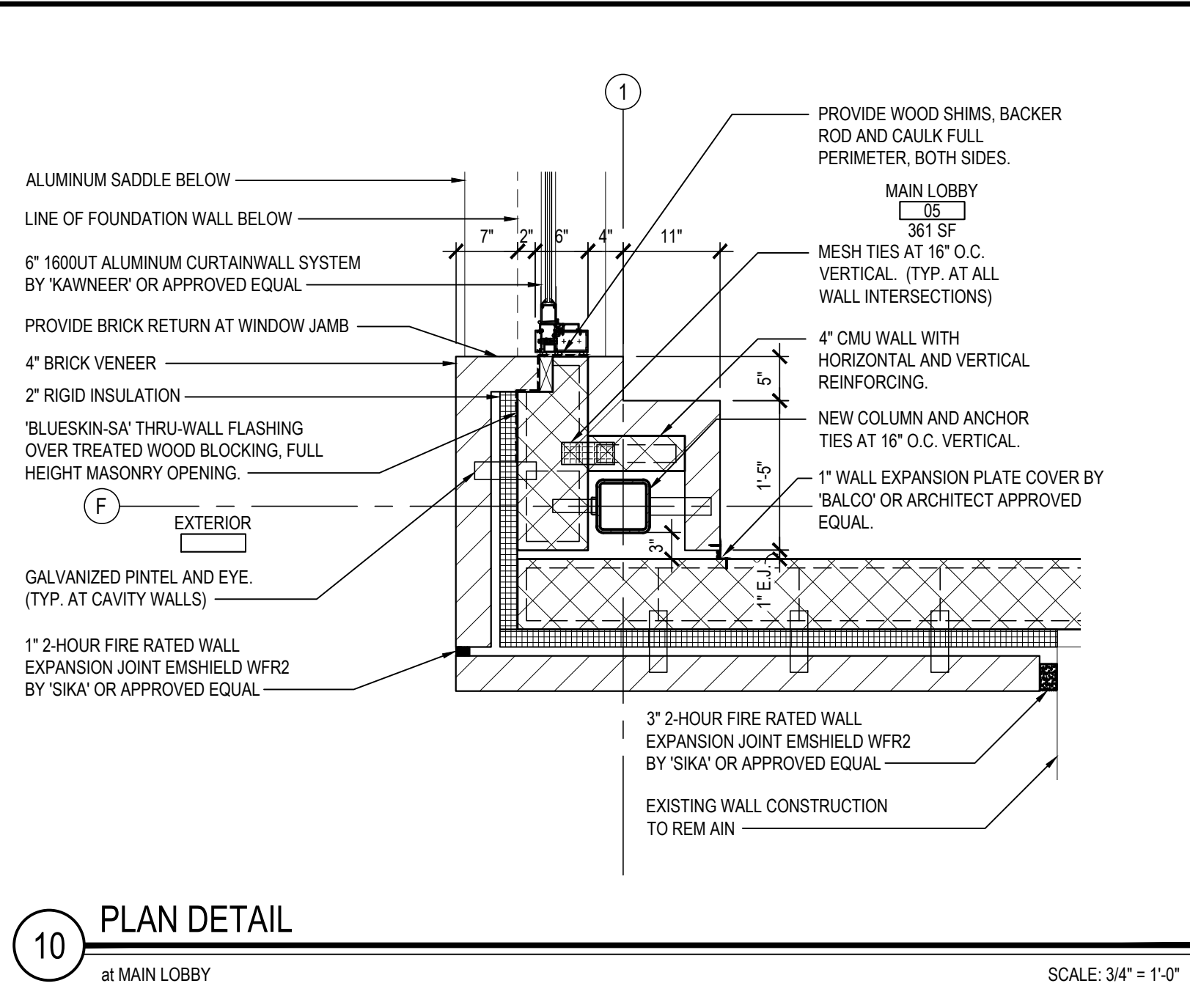
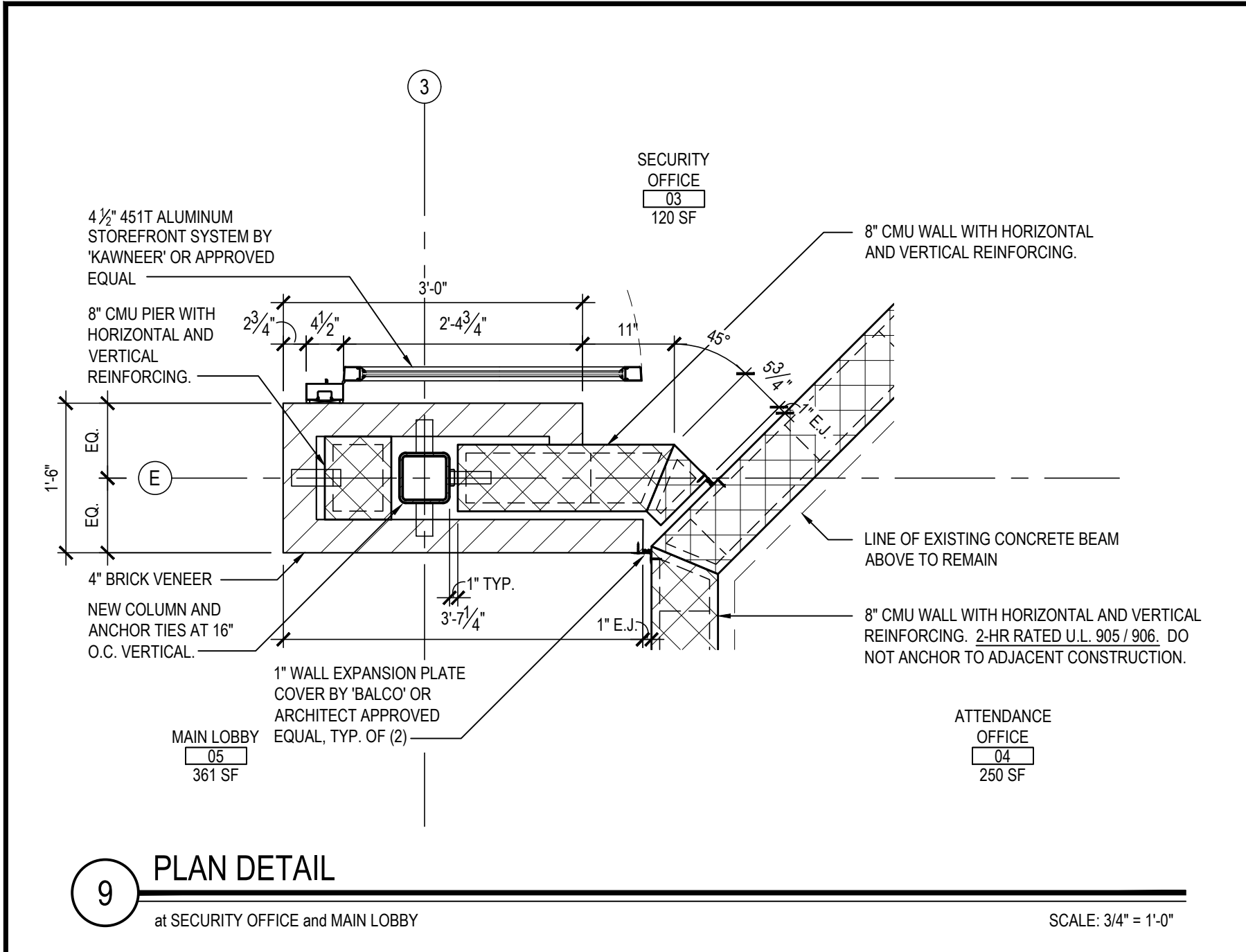
PROJECT  
DRAWING BY: A.A.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: ENLARGED ADDITION PROPOSED FLOOR PLAN  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-1316 FLMS





REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

PLAN DETAILS

**DRAWING BY:** E.M.

**CHECK BY:** P.J.H.

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**SED No:** 66-01-02-06-0-007-013

**DISTRICT:** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT:** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE:** PLAN DETAILS

**SCALE:** AS NOTED

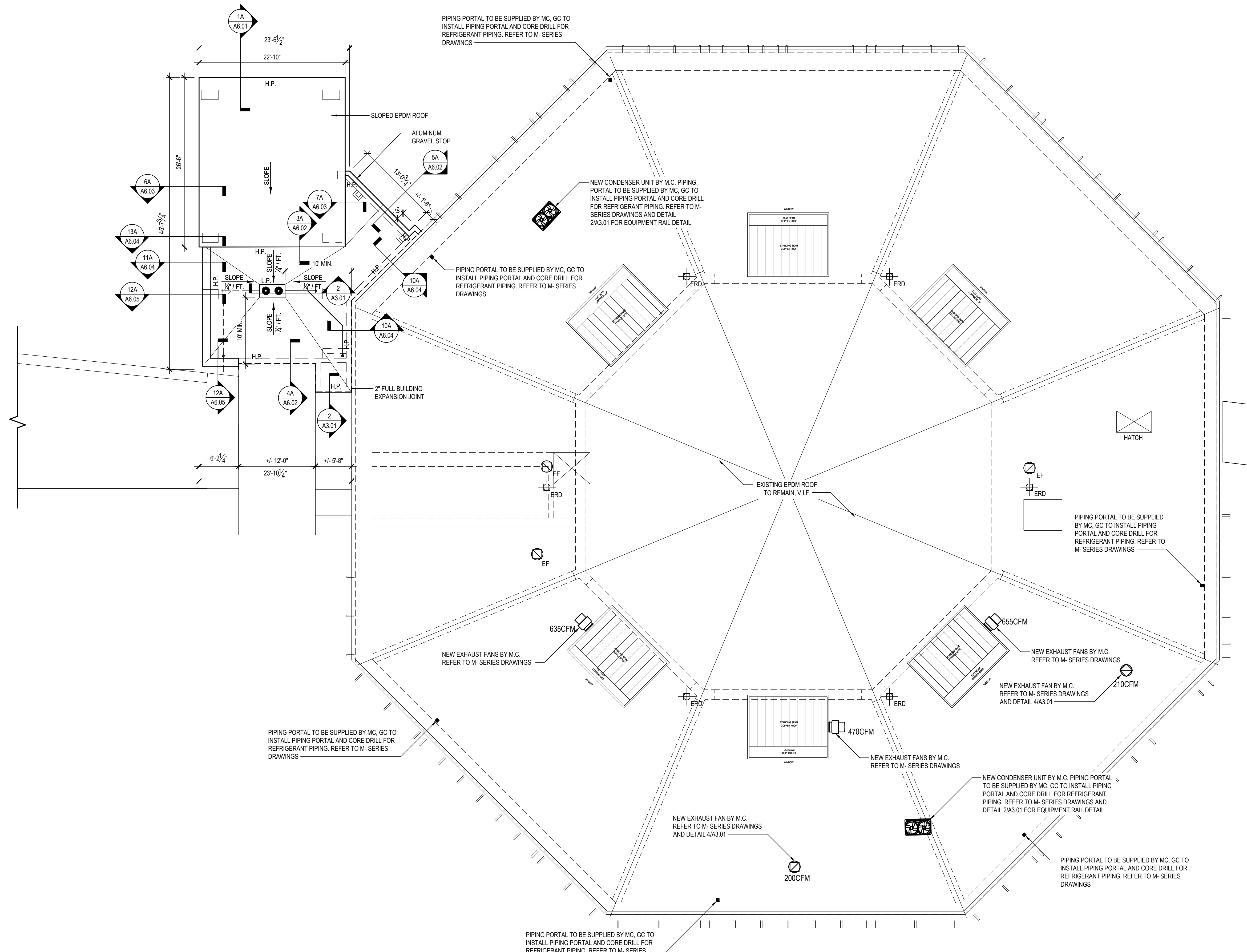
**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No:** 23-131b **FLMS**

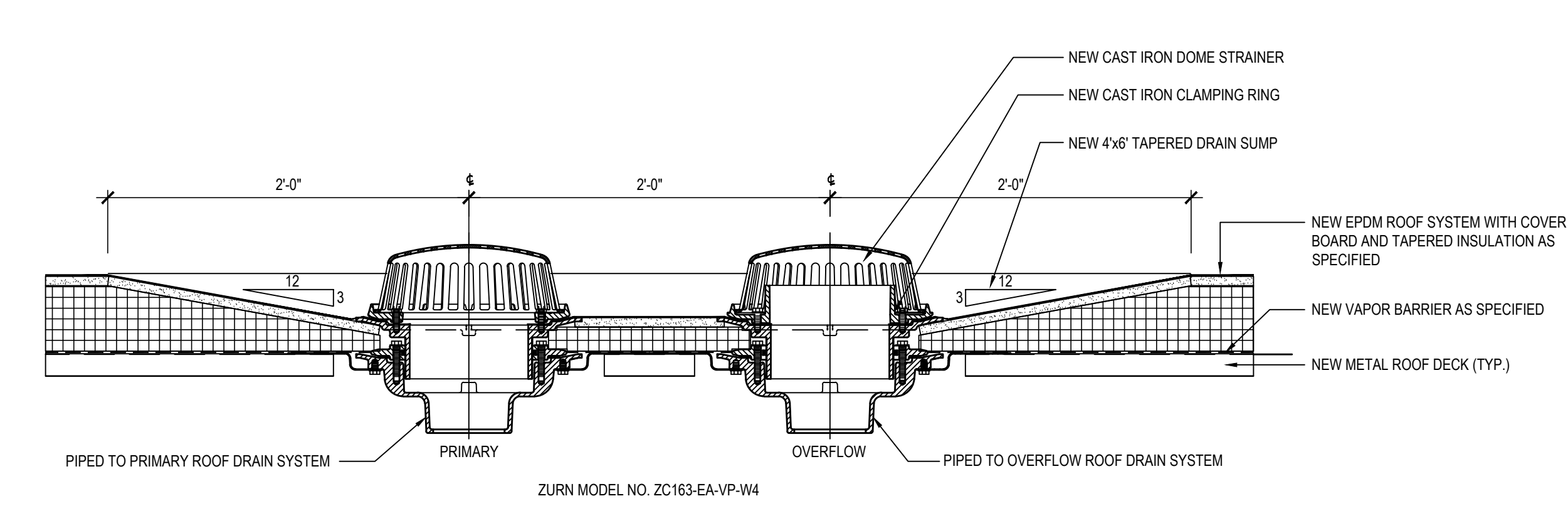
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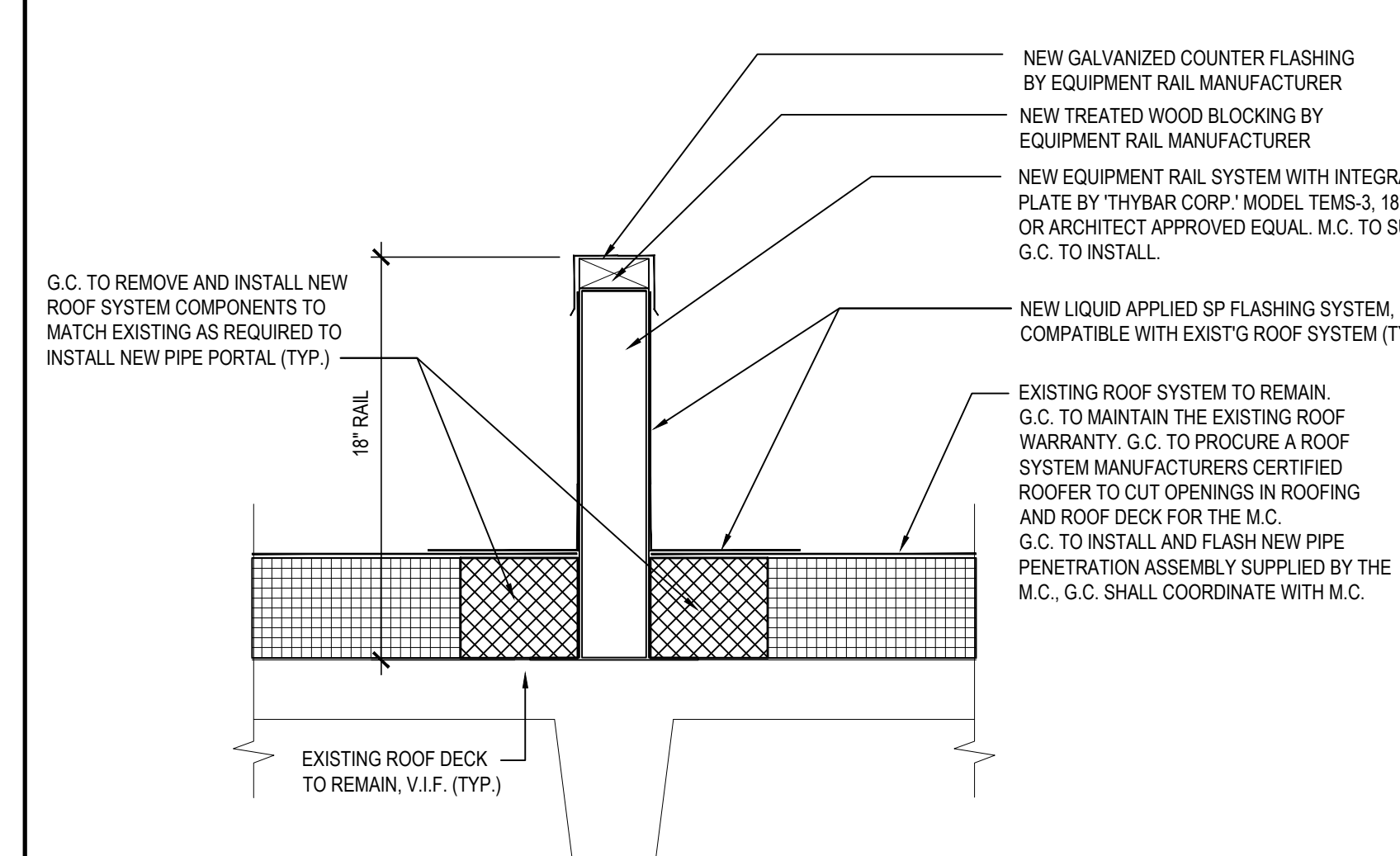
PROPOSED ROOF PLAN

SCALE: 1/8" = 1'-0"



2 NEW DOUBLE ROOF DRAIN DETAIL

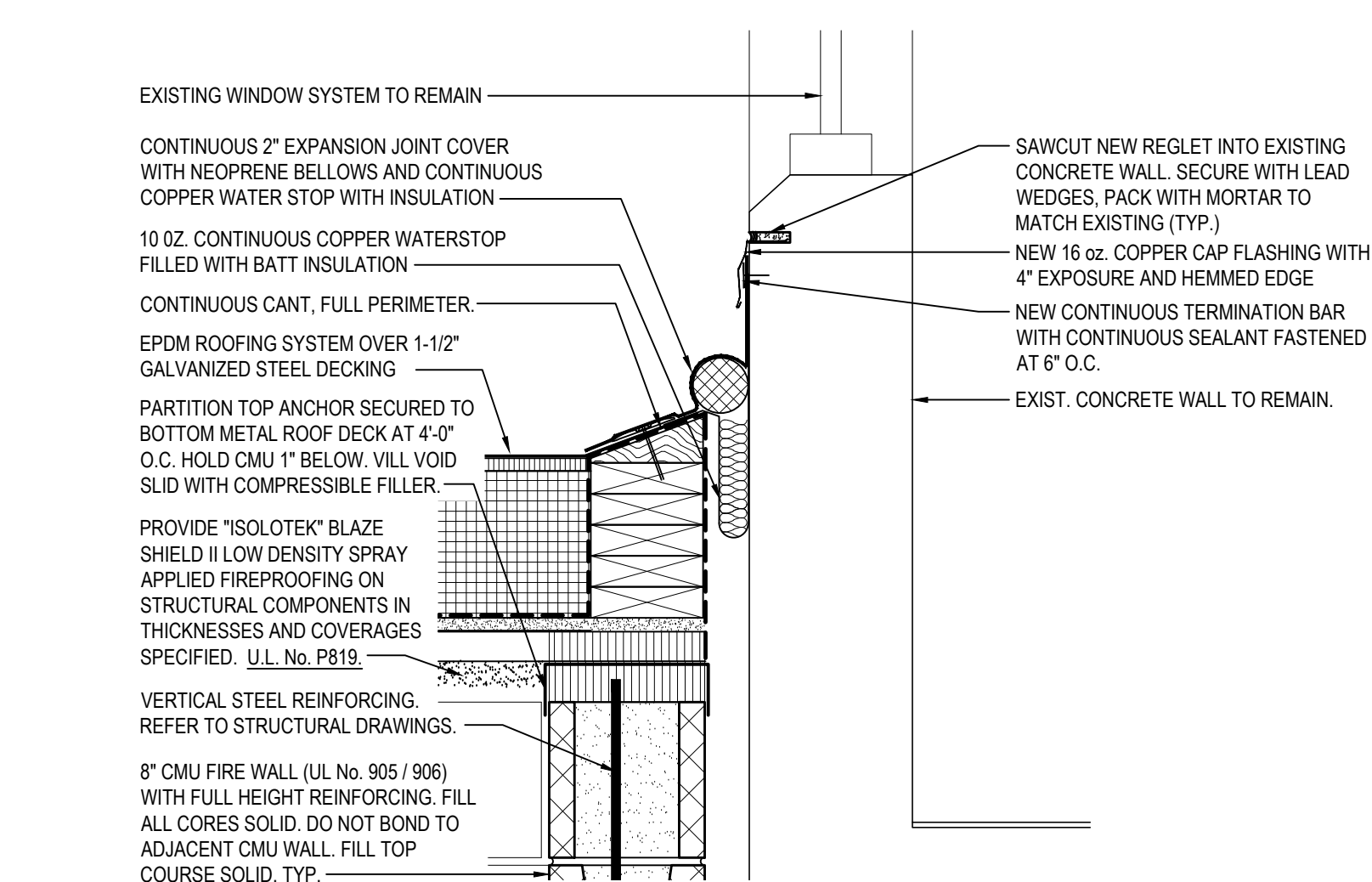
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3 EQUIPMENT RAIL DETAIL

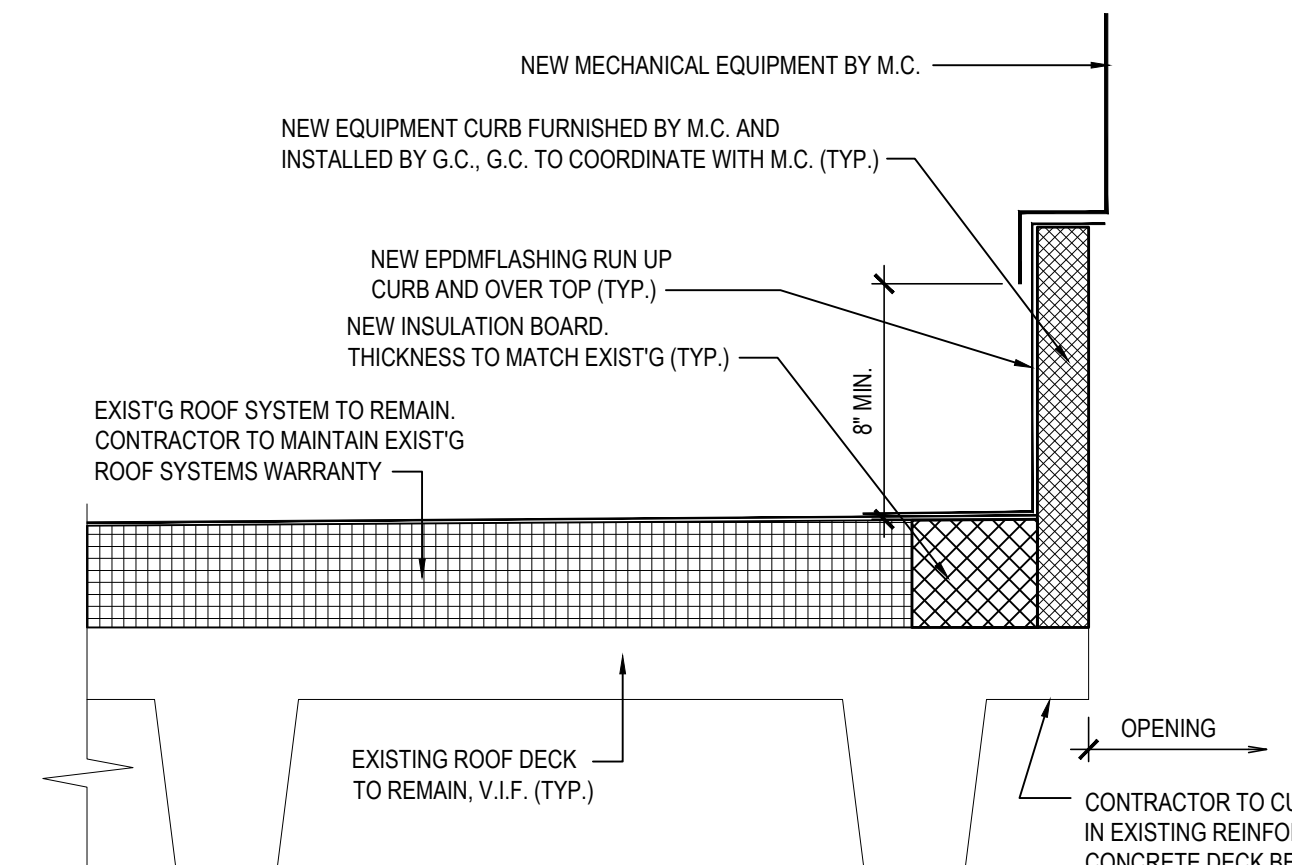
NOTE: EXISTING ROOF INSTALLATION

SCALE: N.T.S.



1 TYPICAL ROOM / WALL EXPANSION JOINT DETAIL

SCALE: N.T.S.



4 TYPICAL ROOF CURB DETAIL

NOTE: EXISTING ROOF INSTALLATION

SCALE: N.T.S.

ARCHITECTURAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING ROOF TOP EXHAUST FAN LOCATION. REFER TO CURB DETAIL DETAIL ON DRAWINGS A2.02 AND A2.03
	EXISTING ROOF HATCH TO REMAIN.
	EXISTING ROOF DRAIN LOCATIONS. REFER TO ROOF DRAIN DETAIL ON DRAWINGS A2.03
	INDICATES SLOPE OF ROOF
L.P.	LOW POINT OF TAPERED INSULATION.
H.P.	HIGH POINT OF TAPERED INSULATION.

ROOF PROJECT IDENTIFICATION PLAQUE

DATE OF INSTALLATION

MANUFACTURER'S NAME

ADDRESS

PHONE NUMBER

CONTRACTOR'S NAME

ADDRESS

PHONE NUMBER

E-MAIL ADDRESS

MANUFACTURER'S WARRANTY PERIOD

CONTRACTOR'S GUARANTEE PERIOD

DATE

METHOD OF REPAIR

DESIGN KIT MODEL NUMBER

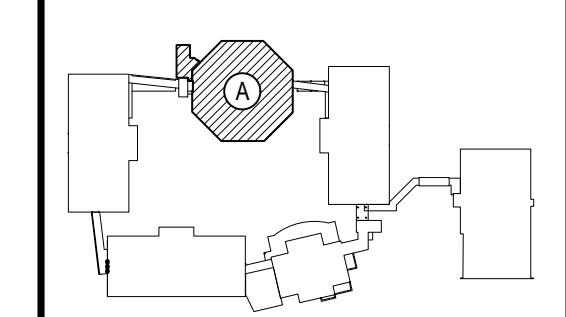
CONTRACT AREAS

- TWO (2) 1/2" - 1" THICK CLEAR, NON-GLARE PLEXI-GLASS ACRYLIC SHEETS - 8 1/2" x 11" WITH 1/2" RADIUS ROUNDED CORNERS. PROVIDE 3/16" DIAMETER HOLES IN EACH CORNER FOR MOUNTING SCREWS.
- PROVIDE FINISH WASHERS AND SCREWS APPROPRIATE FOR SUBSTRATE.
- REFER TO PROJECT MANUAL FOR TEMPLATE SHEET TO BE USED. INFORMATION TO BE PROVIDED BY CONTRACTOR.

REV.	DATE	ITEM

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KEY PLAN

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT

DRAWING BY: P.J.H.

CHECK BY: P.J.H.

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SED No.	66-01-02-06-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	ROOF PLAN and DETAILS
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS

A3.01

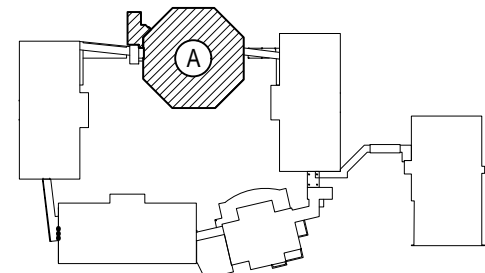


\*\*\*\* This Drawing is for Conceptual Purposes ONLY. \*\*\*\*  
\*\*\*\* Not intended for Final Submittal. \*\*\*\*  
\*\*\* N.T.S \*\*\*

Layout is based on the JM Tapered Department's understanding of the information provided.  
It is the contractor's responsibility to verify the existing/proposed conditions and dimensions, &  
that this layout meets the requirements of the job prior to any submittal or ordering of material.

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
TAPERED INSULATION PLAN

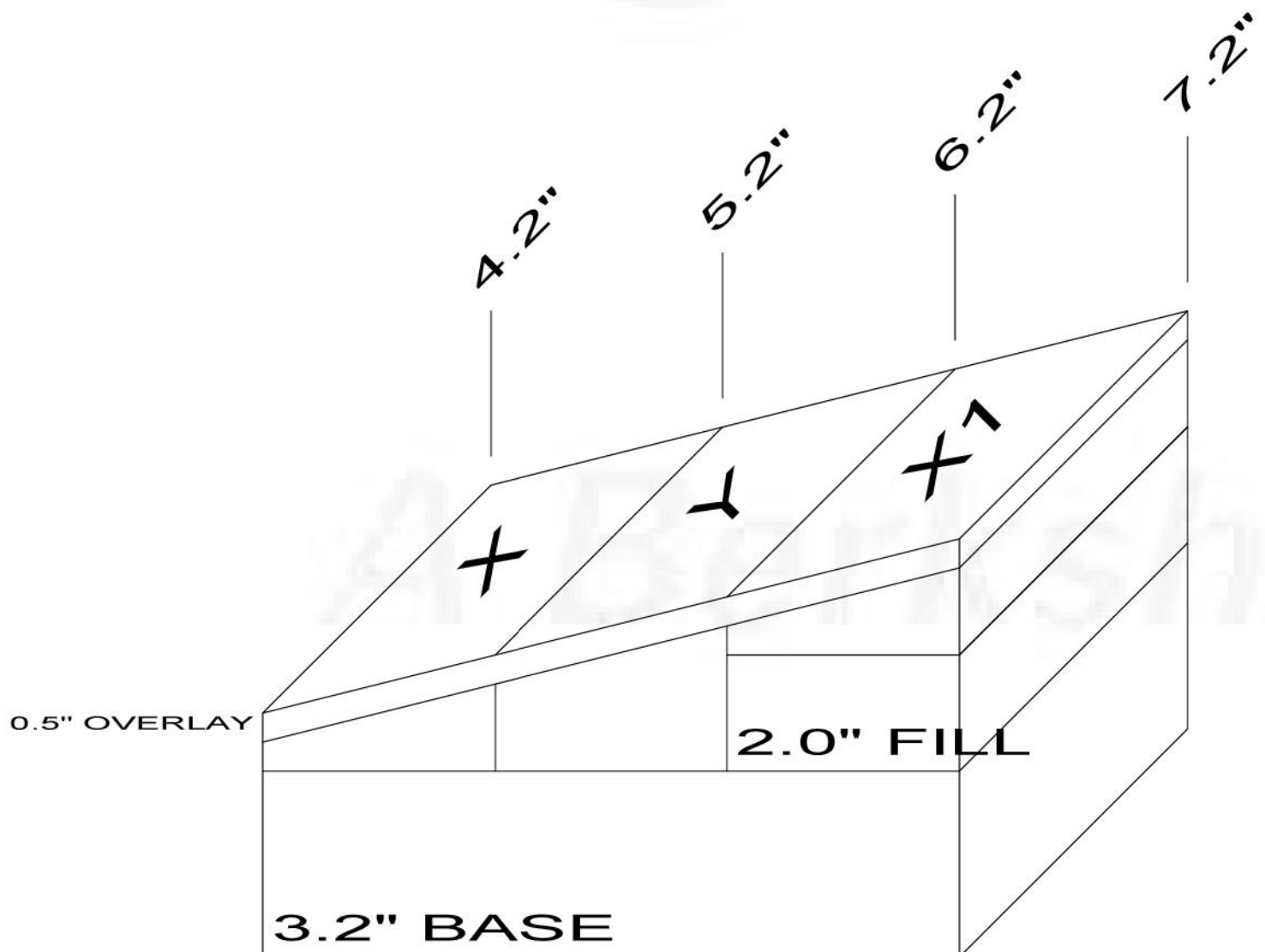
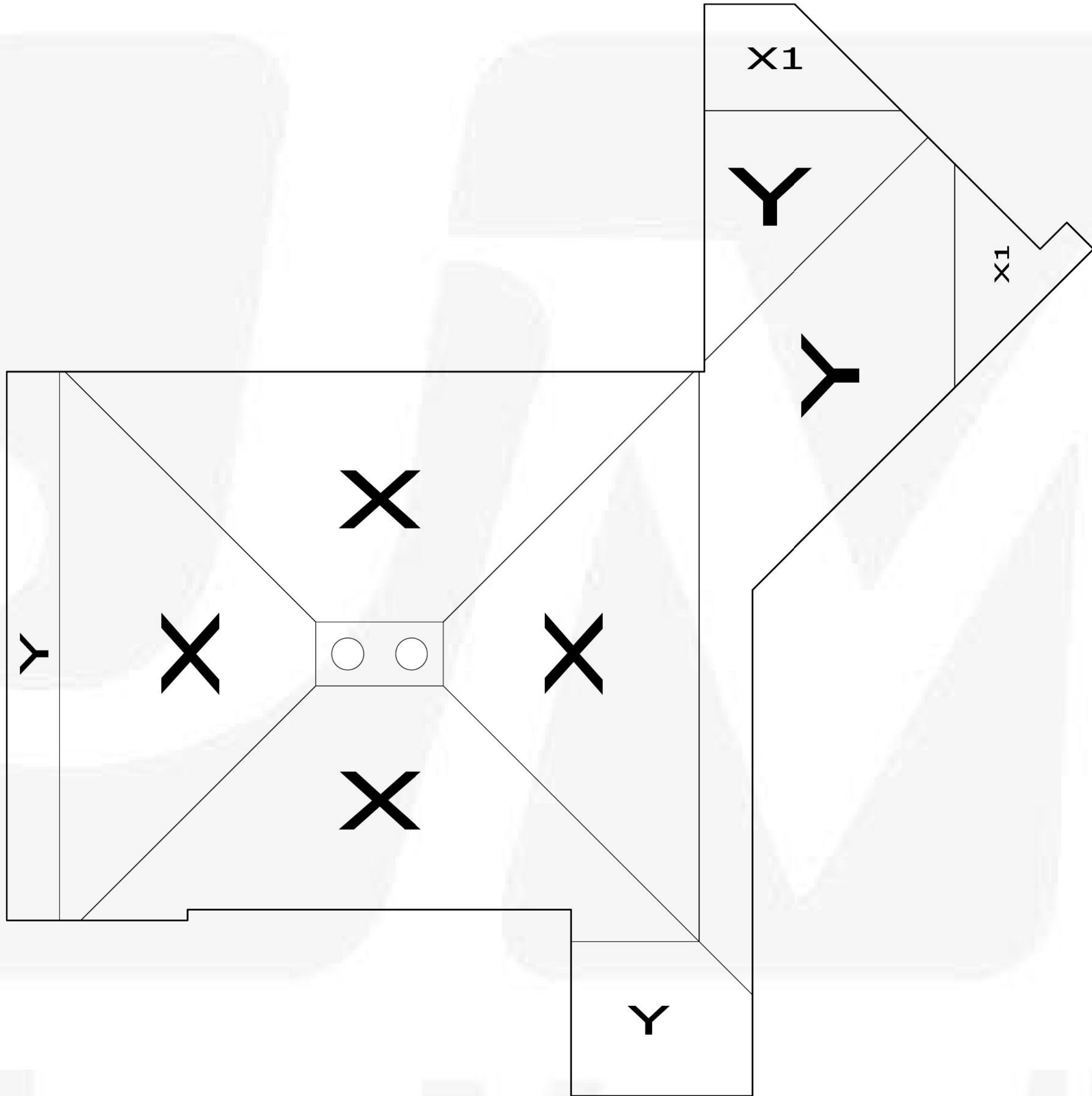
DRAWING BY: E.M.  
CHECK BY: P.J.H.

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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	TAPERED INSULATION PLAN
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS

A3.02



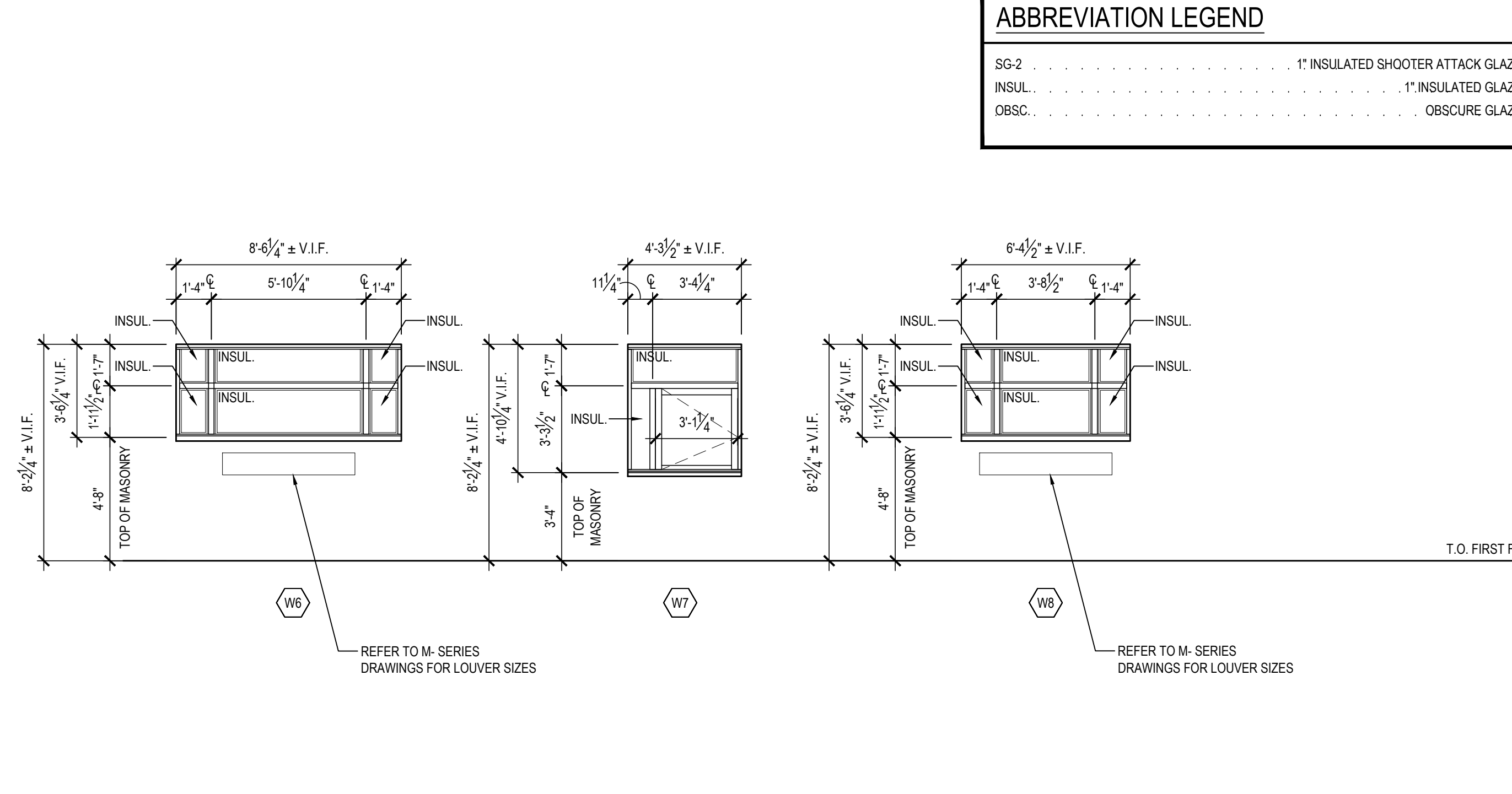
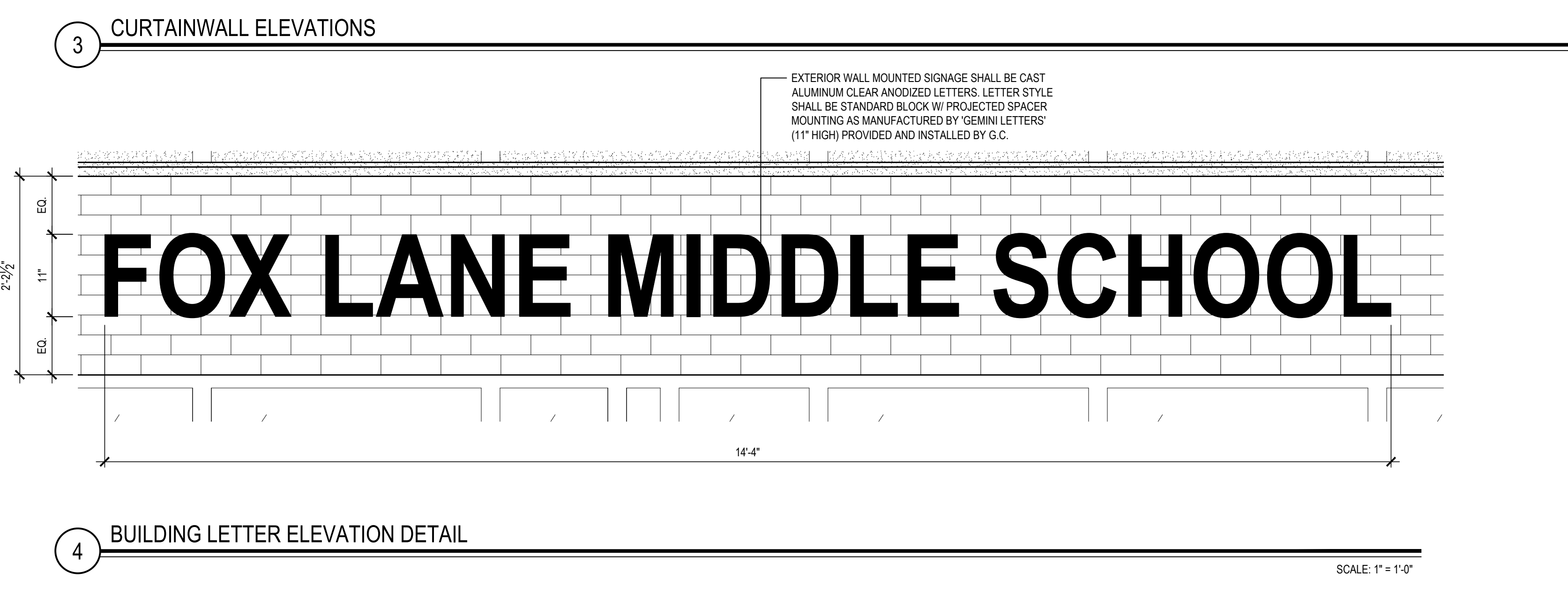
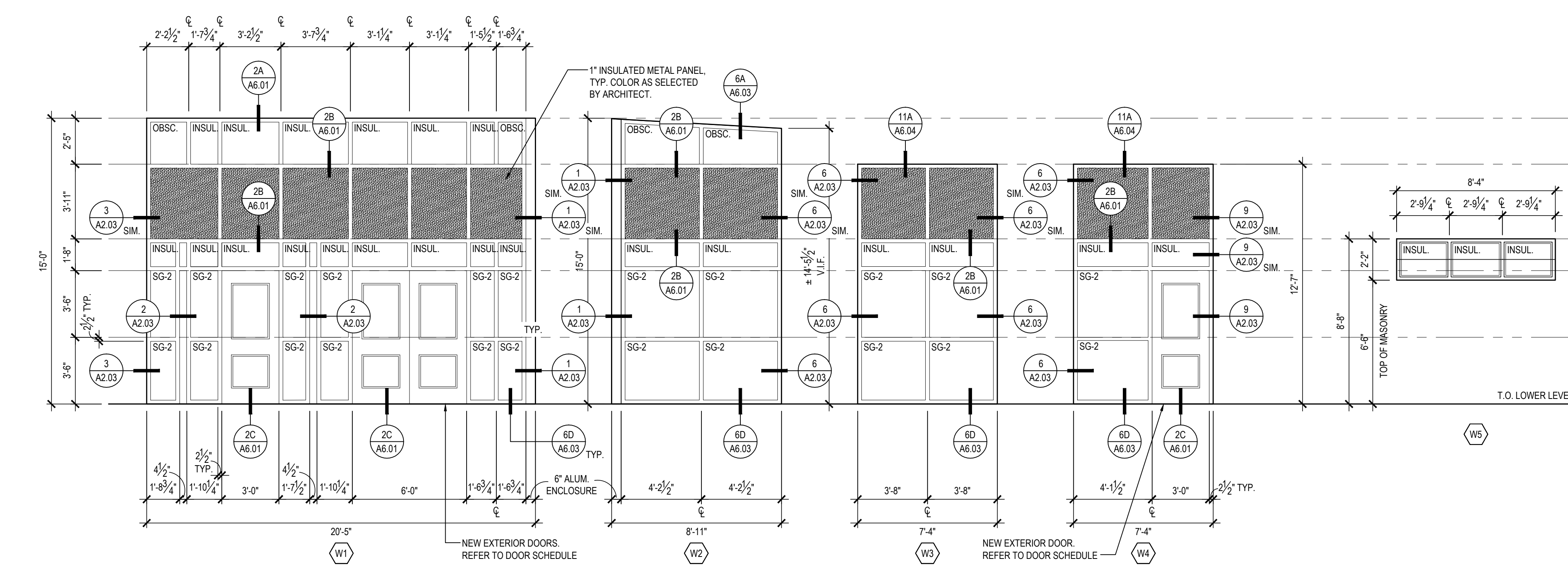
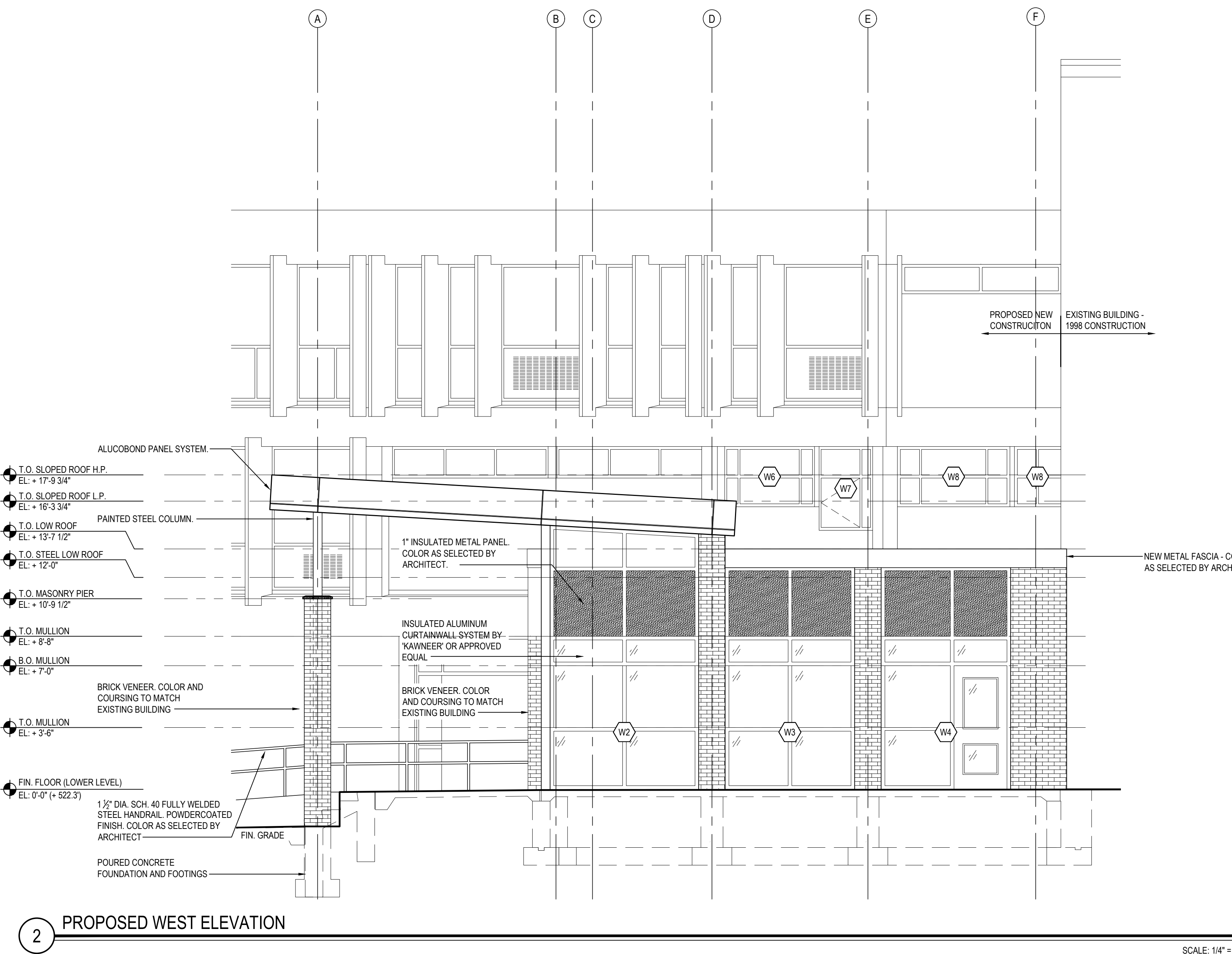
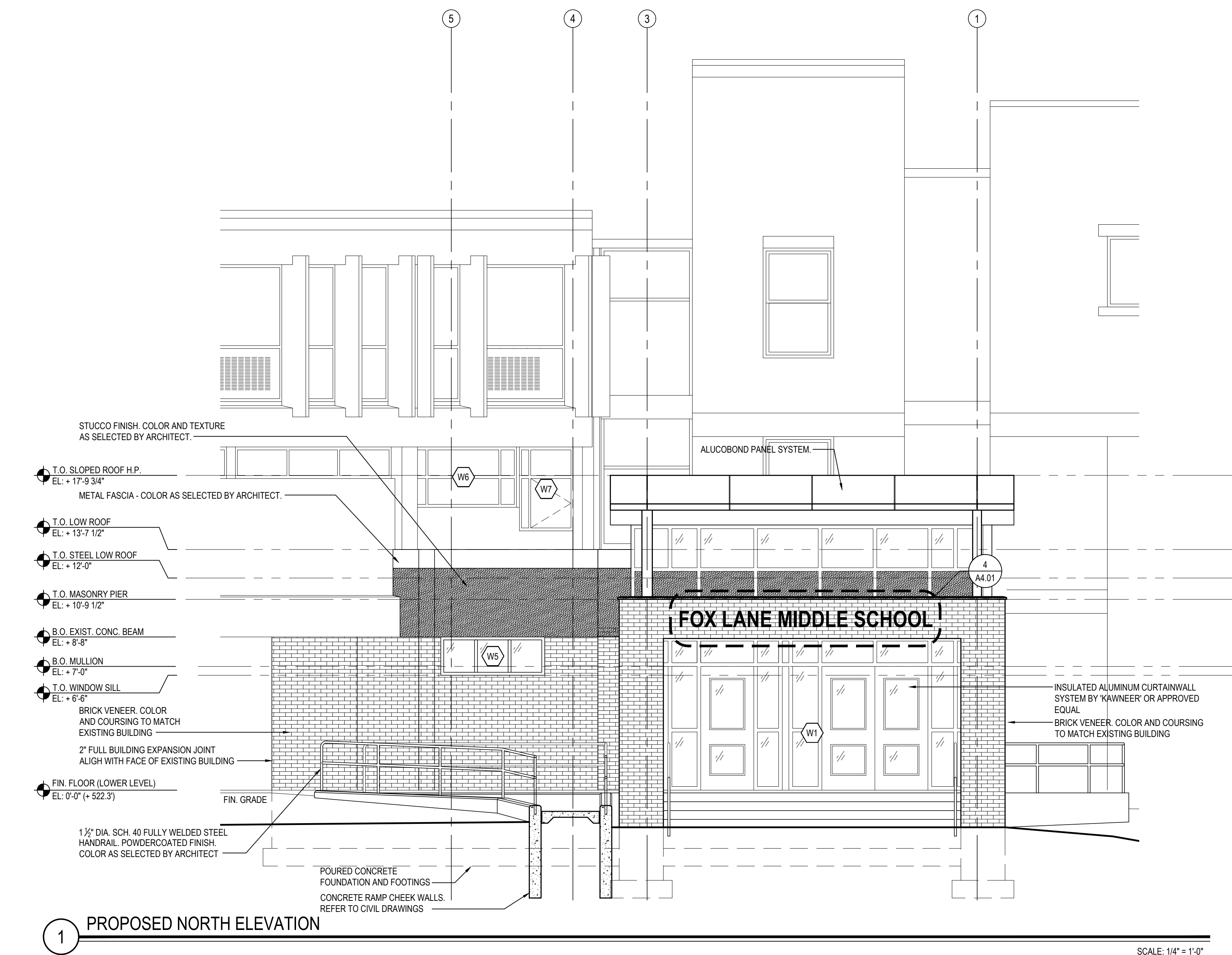
Phone #  
(800) 341-8032  
Estimator  
*Michael Taylor*  
taylorm@jm.com

Project:  
NY24-427106C1 FOX LANE MS  
SMALL ROOF  
BEDFORD, NY

Tapered  
Systems  
Group  
10100 W. Ute Ave.  
Littleton, CO 80127







REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

EXTERIOR ELEVATIONS

PROJECT

DWG TITLE

DRAWING BY: E.M.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: EXTERIOR ELEVATIONS

SCALE: AS NOTED

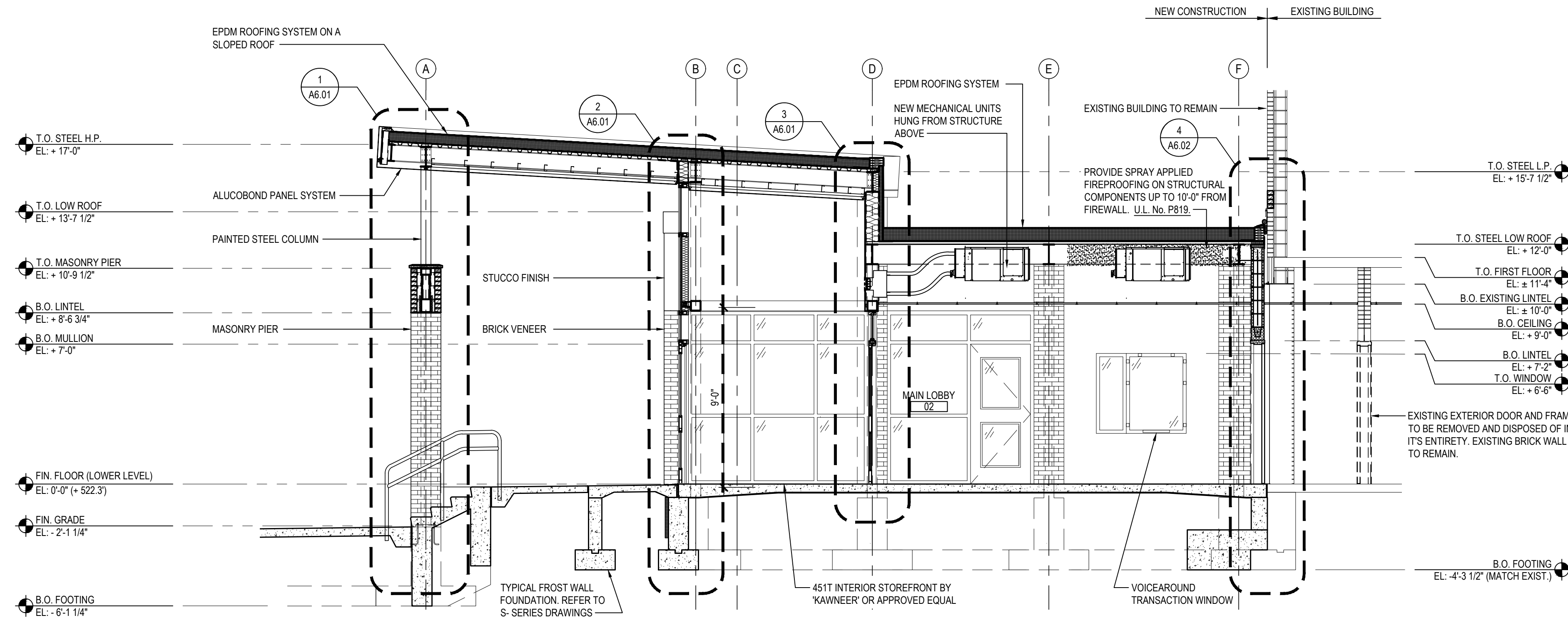
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

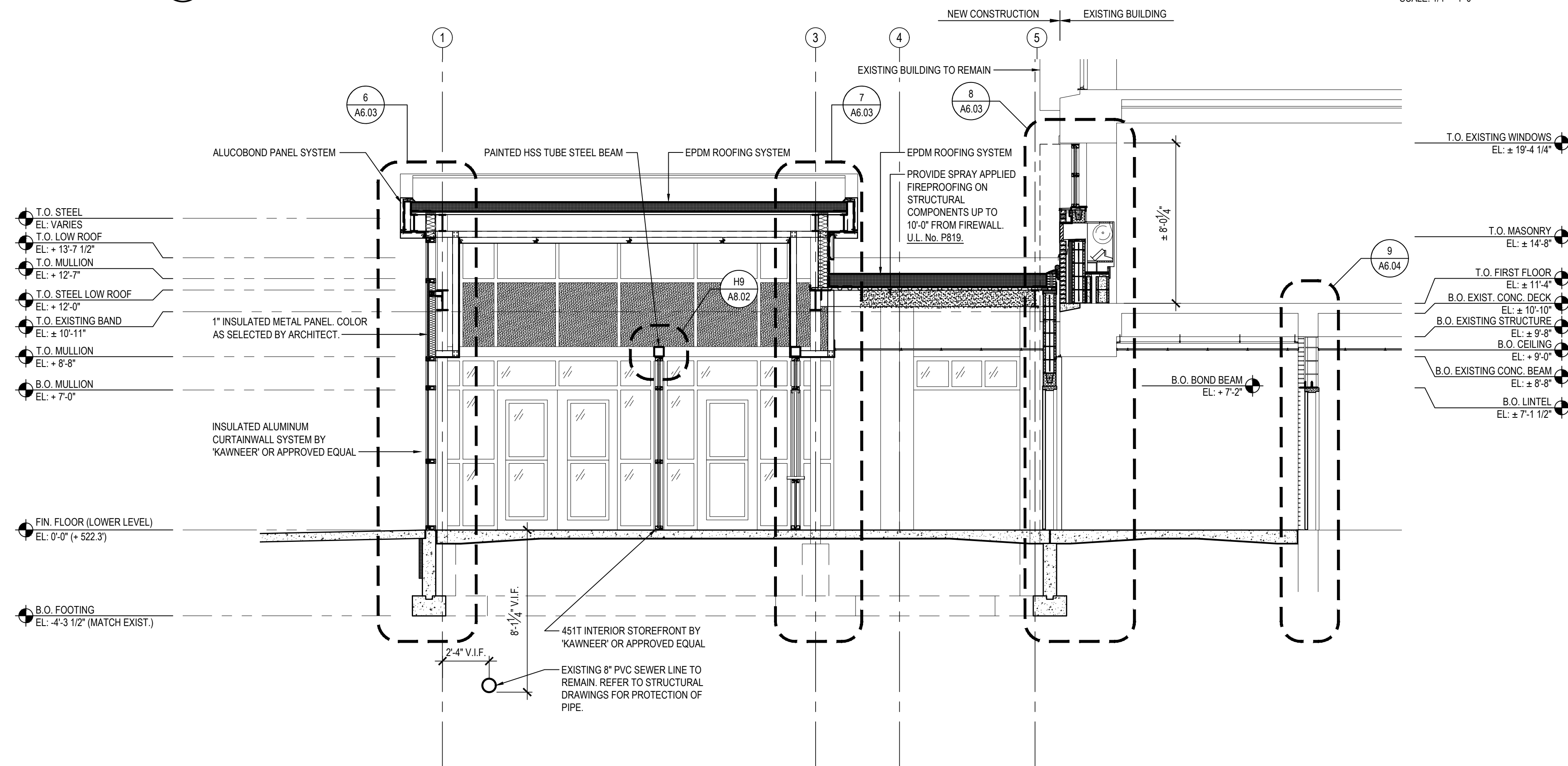
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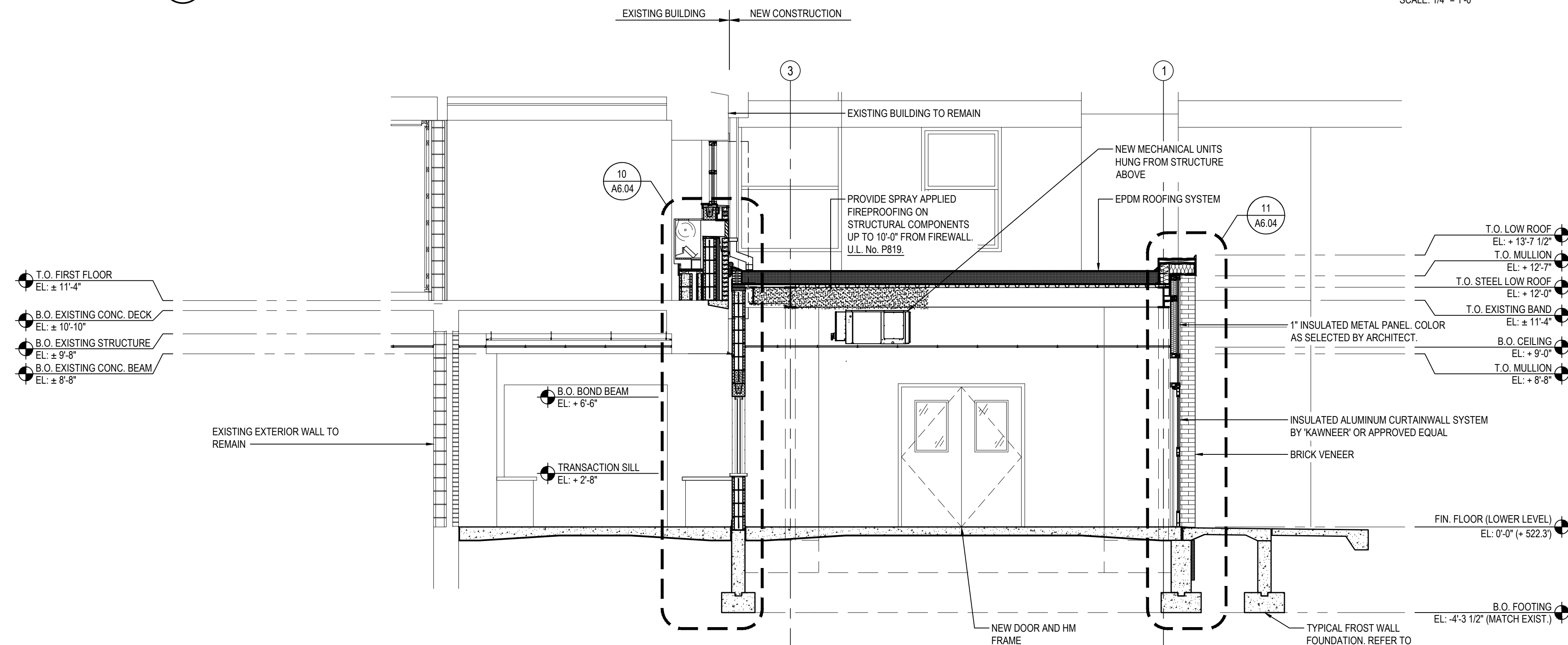
A BUILDING SECTION

SCALE: 1/4" = 1'-0"



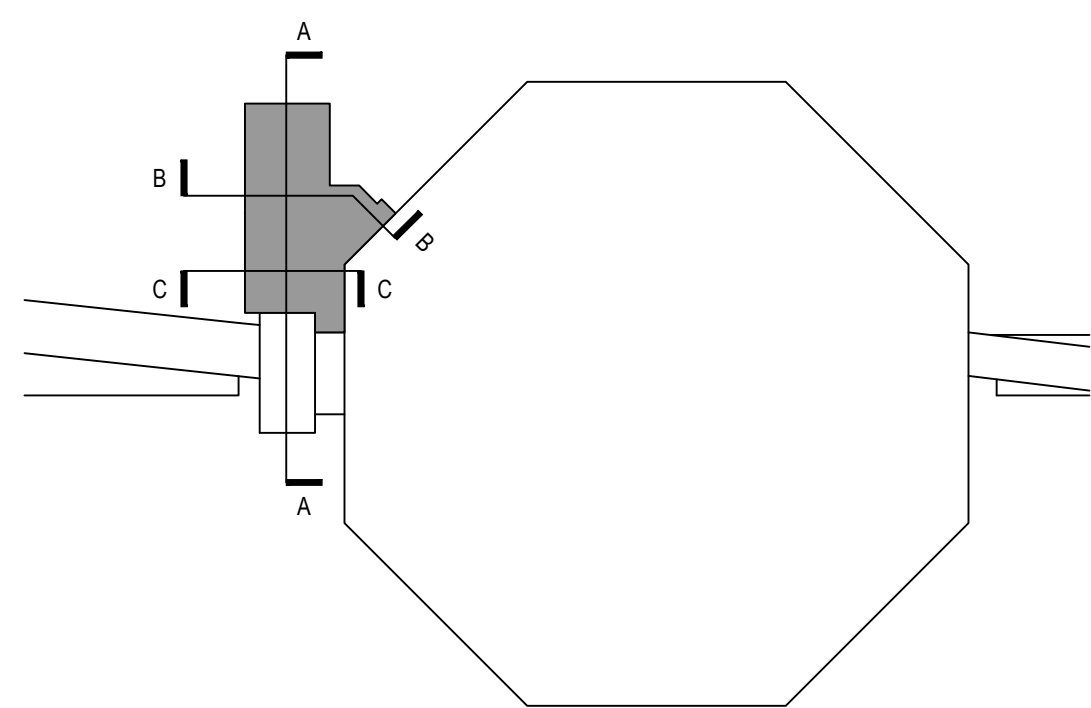
B BUILDING SECTION

SCALE: 1/4" = 1'-0"



C BUILDING SECTION

SCALE: 1/4" = 1'-0"



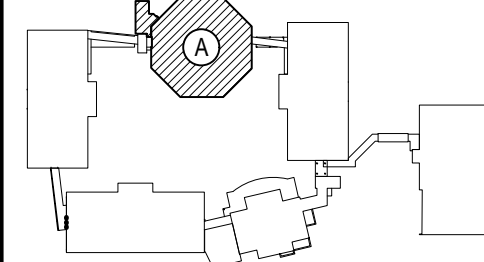
KEY PLAN (ADDITION AT CENTRAL BUILDING)

SCALE: N.T.S.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

BUILDING SECTIONS

PROJECT  
DRAWING BY: E.M.  
CHECK BY: P.J.H.

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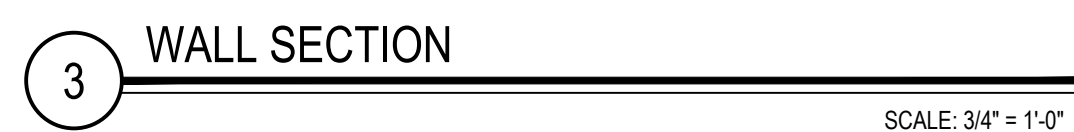
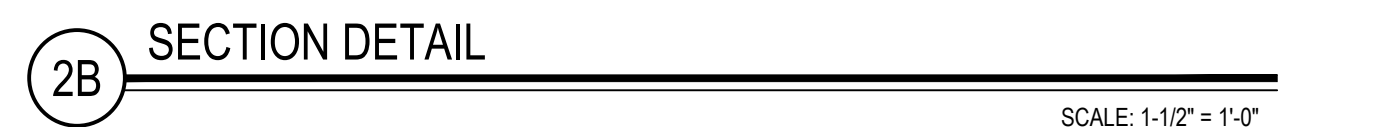
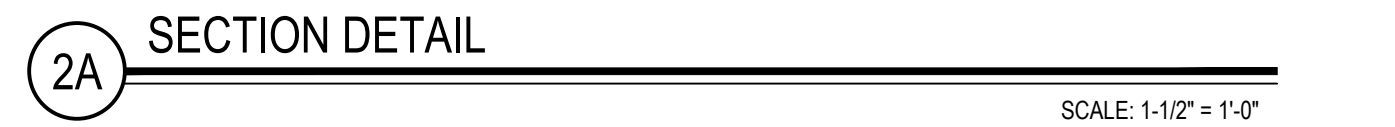
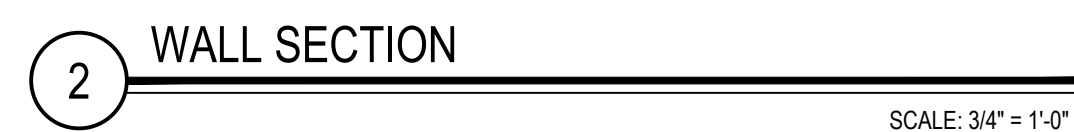
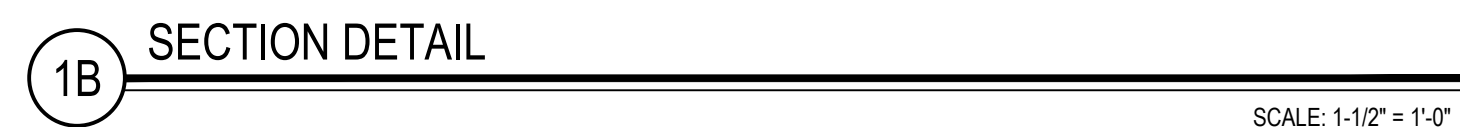
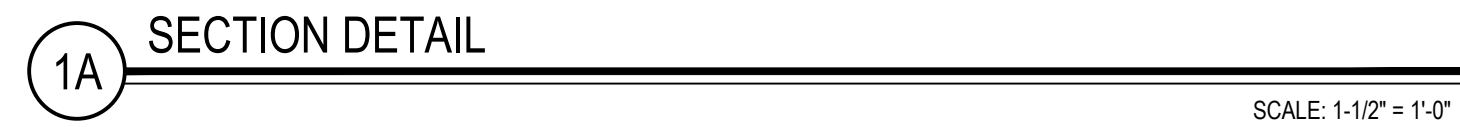
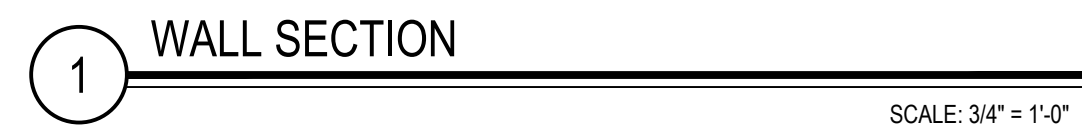
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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	BUILDING SECTIONS
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS

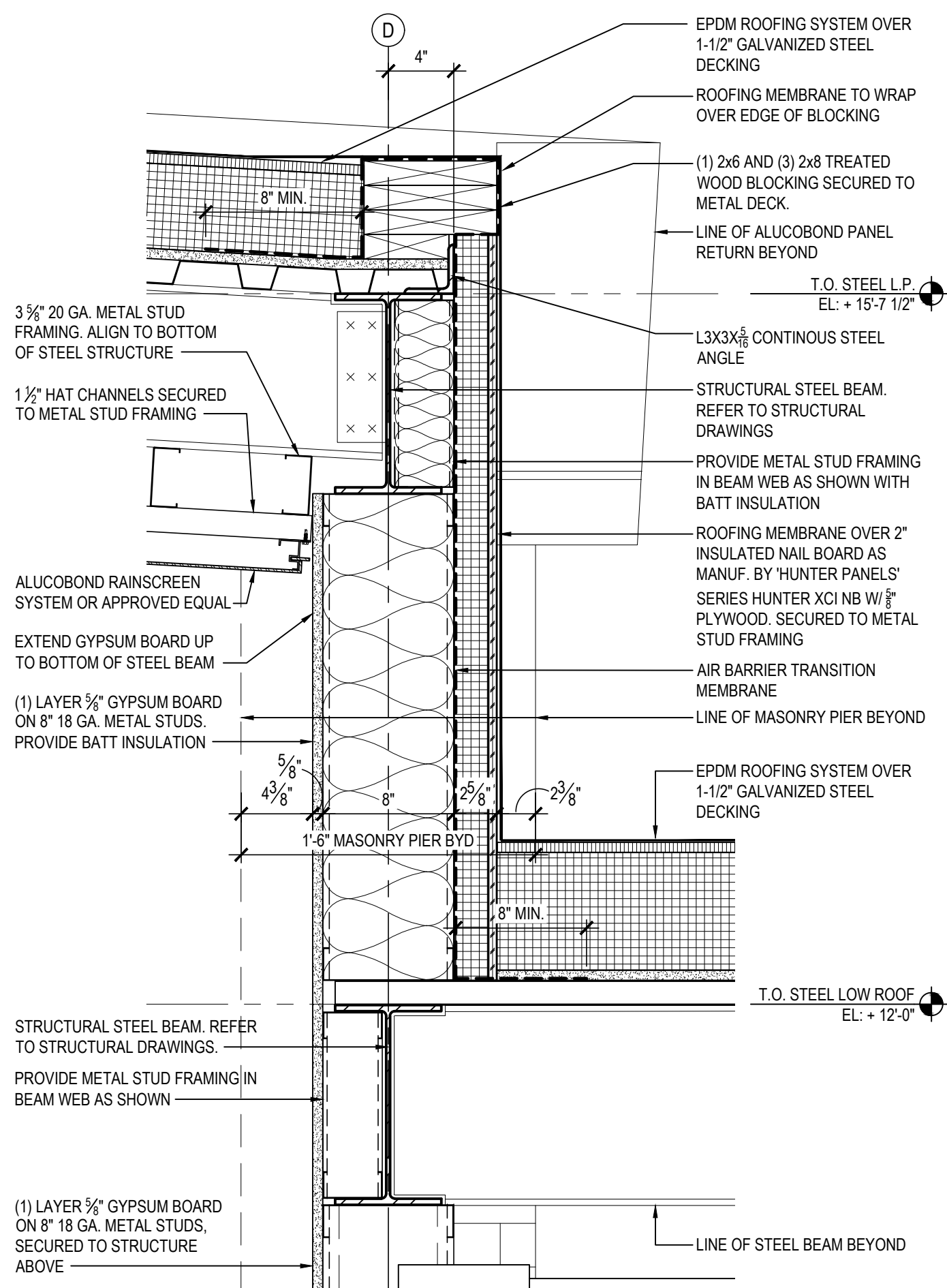
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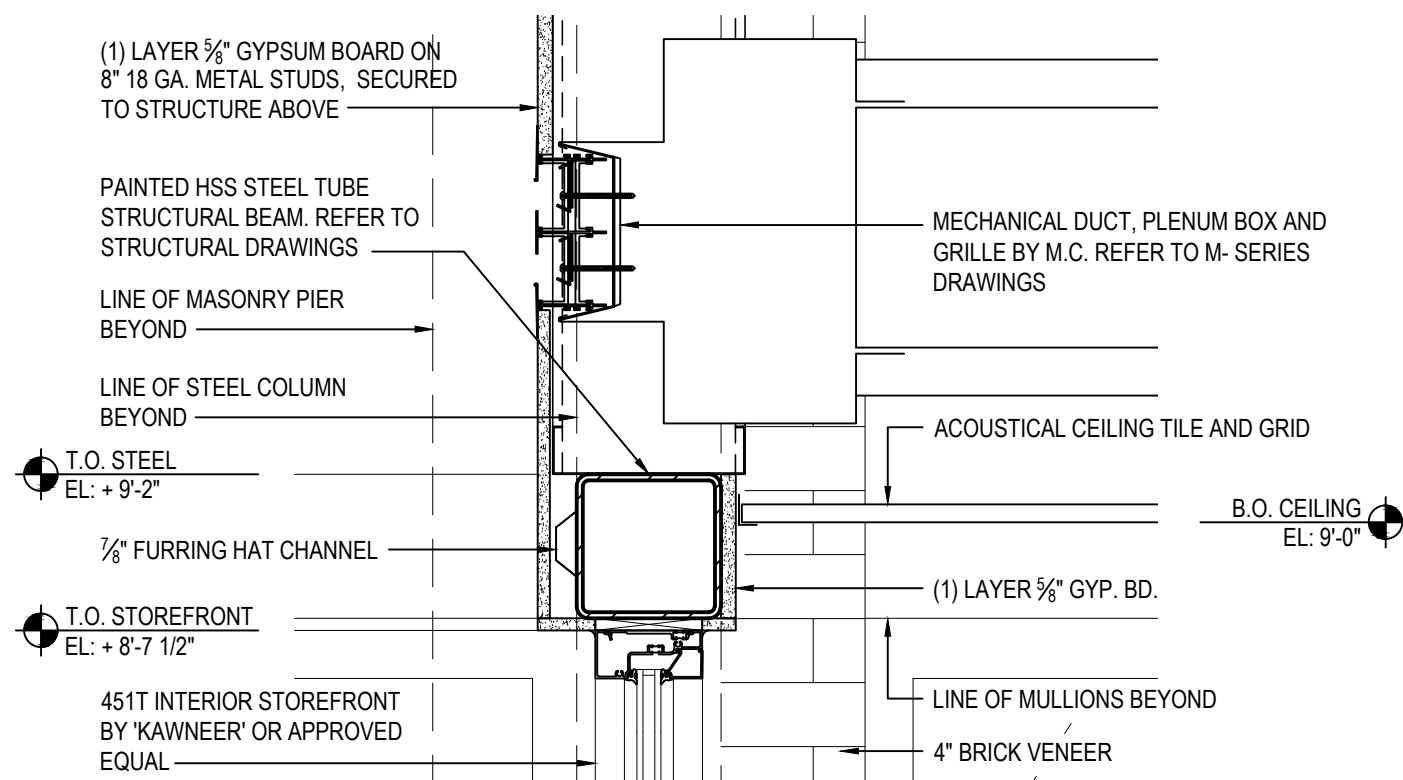


<u>SED No.</u>	66-01-02-06-0-007-013
<u>DISTRICT</u>	BEDFORD CENTRAL SCHOOL DISTRICT
<u>PROJECT</u>	PHASE 2 - BOND IMPROVEMENTS
<u>DWG TITLE</u>	WALL SECTIONS and DETAILS
<u>SCALE:</u>	AS NOTED
<u>DATE:</u>	APRIL 2024
<u>BID PICK-UP:</u>	FEBRUARY 24, 2025
<u>FILE No:</u>	23-131b

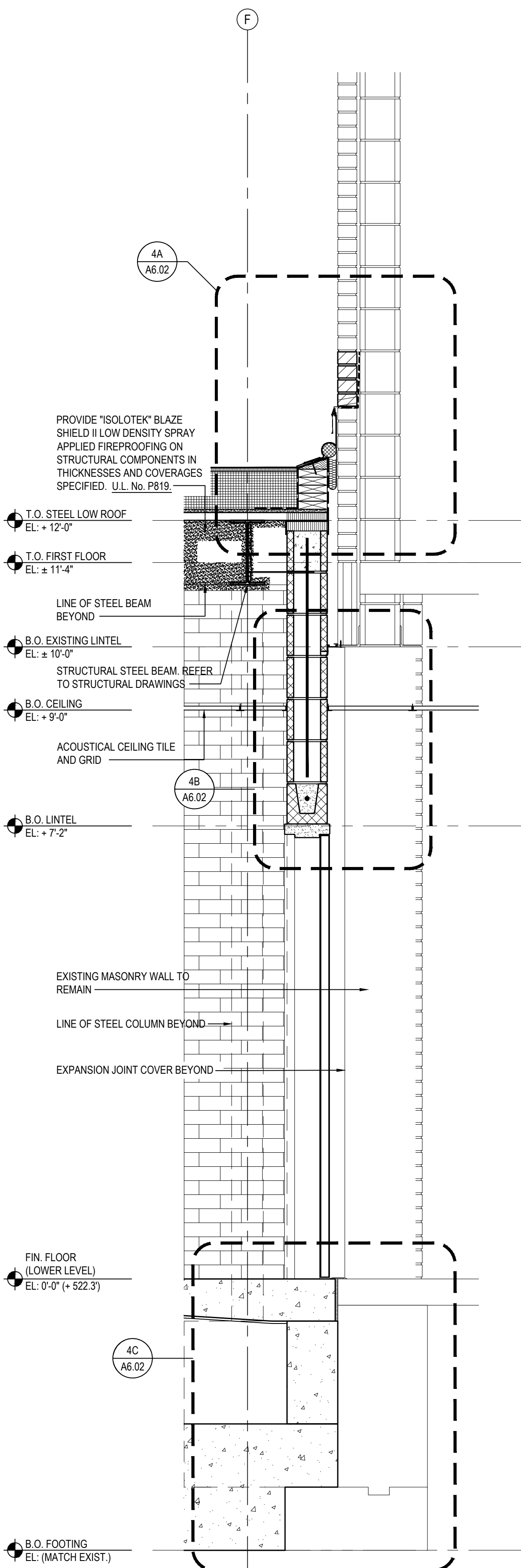




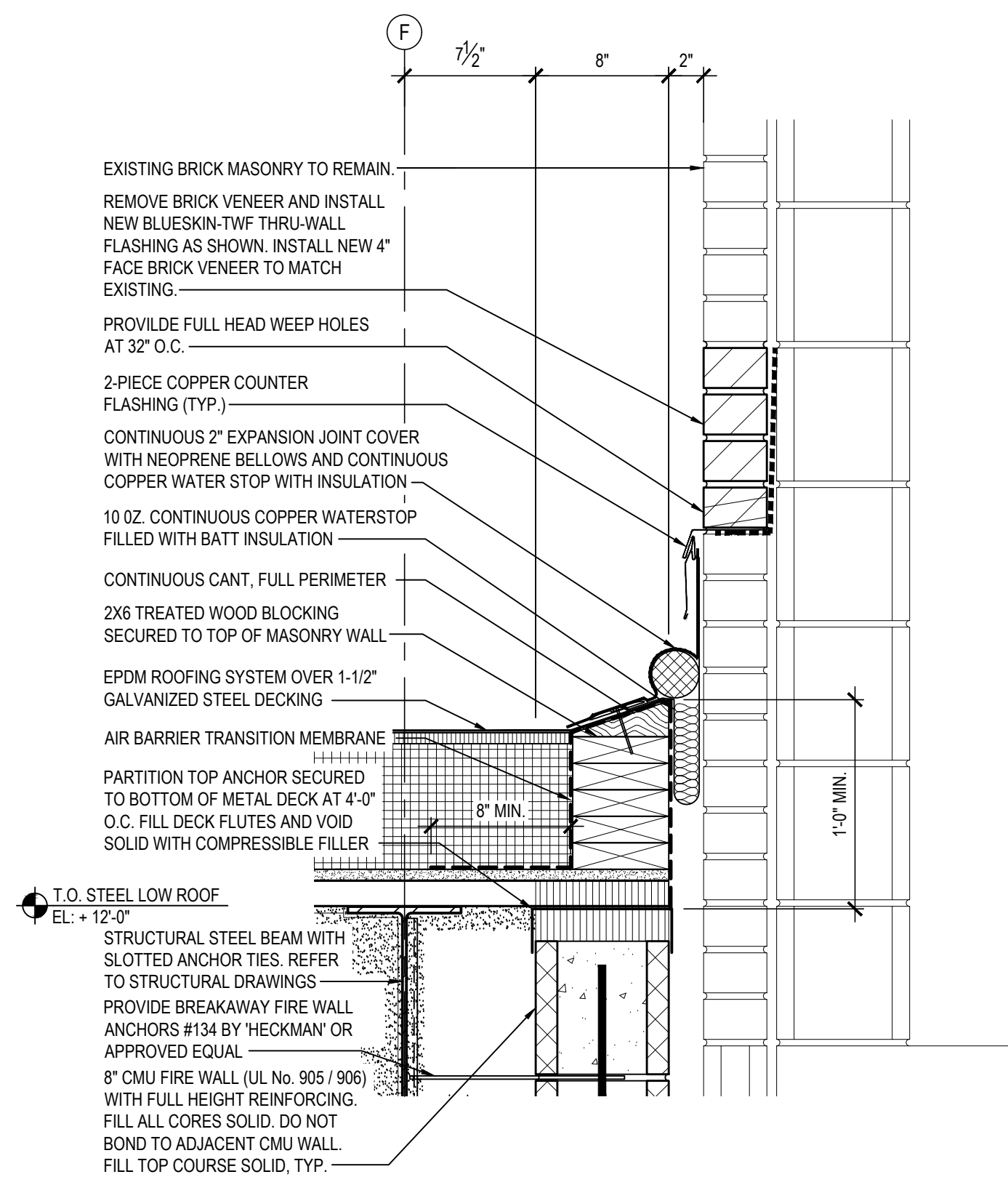
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SCALE: 1-1/2" = 1'-0"



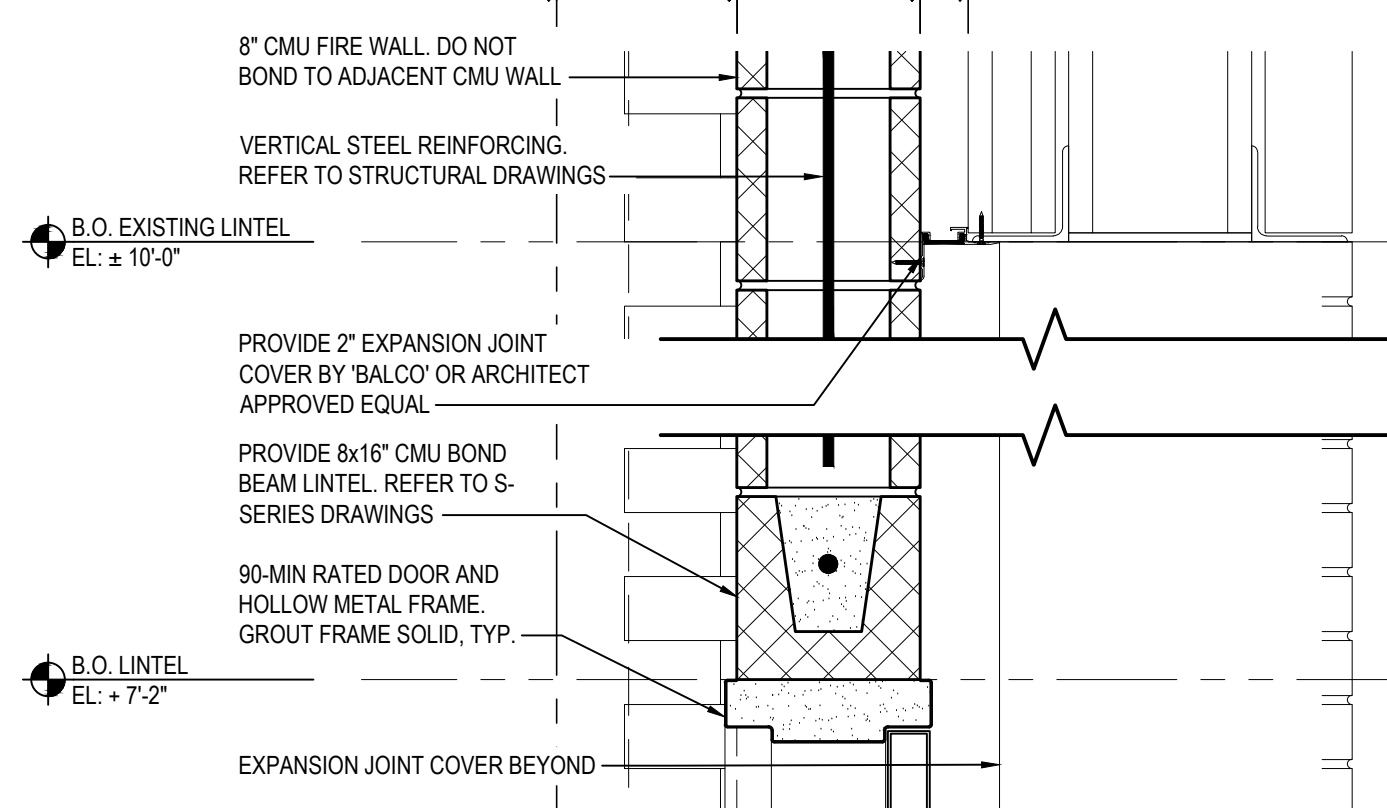
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SCALE: 1-1/2" = 1'-0"



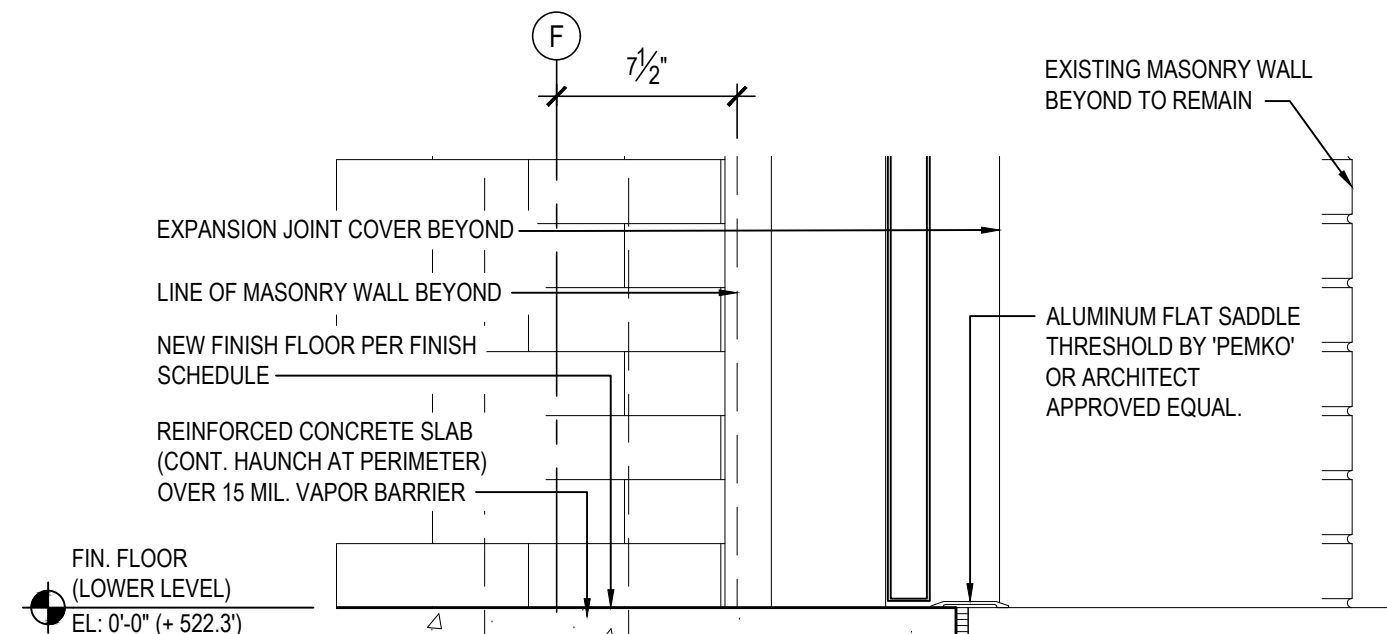
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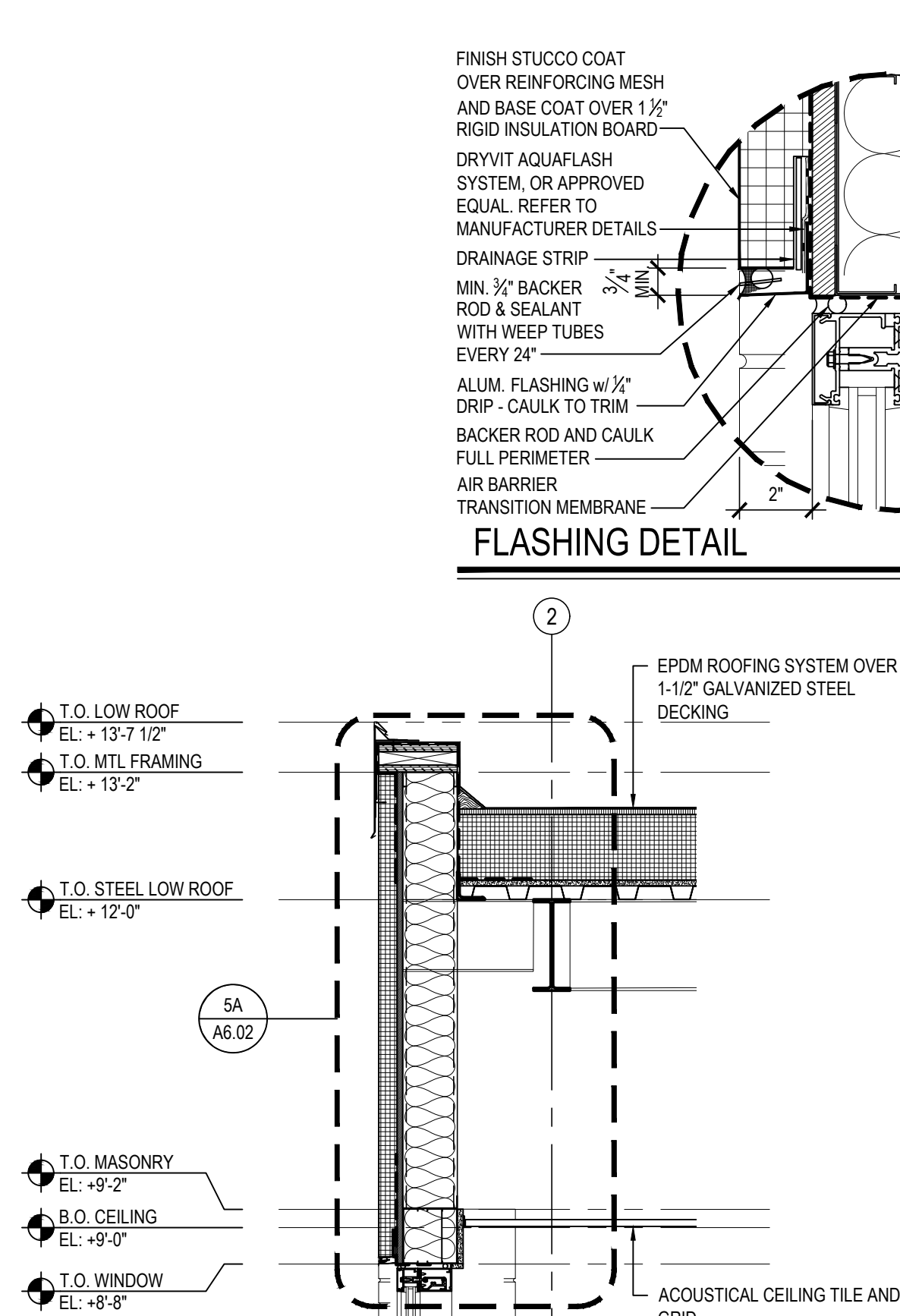
4A SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"



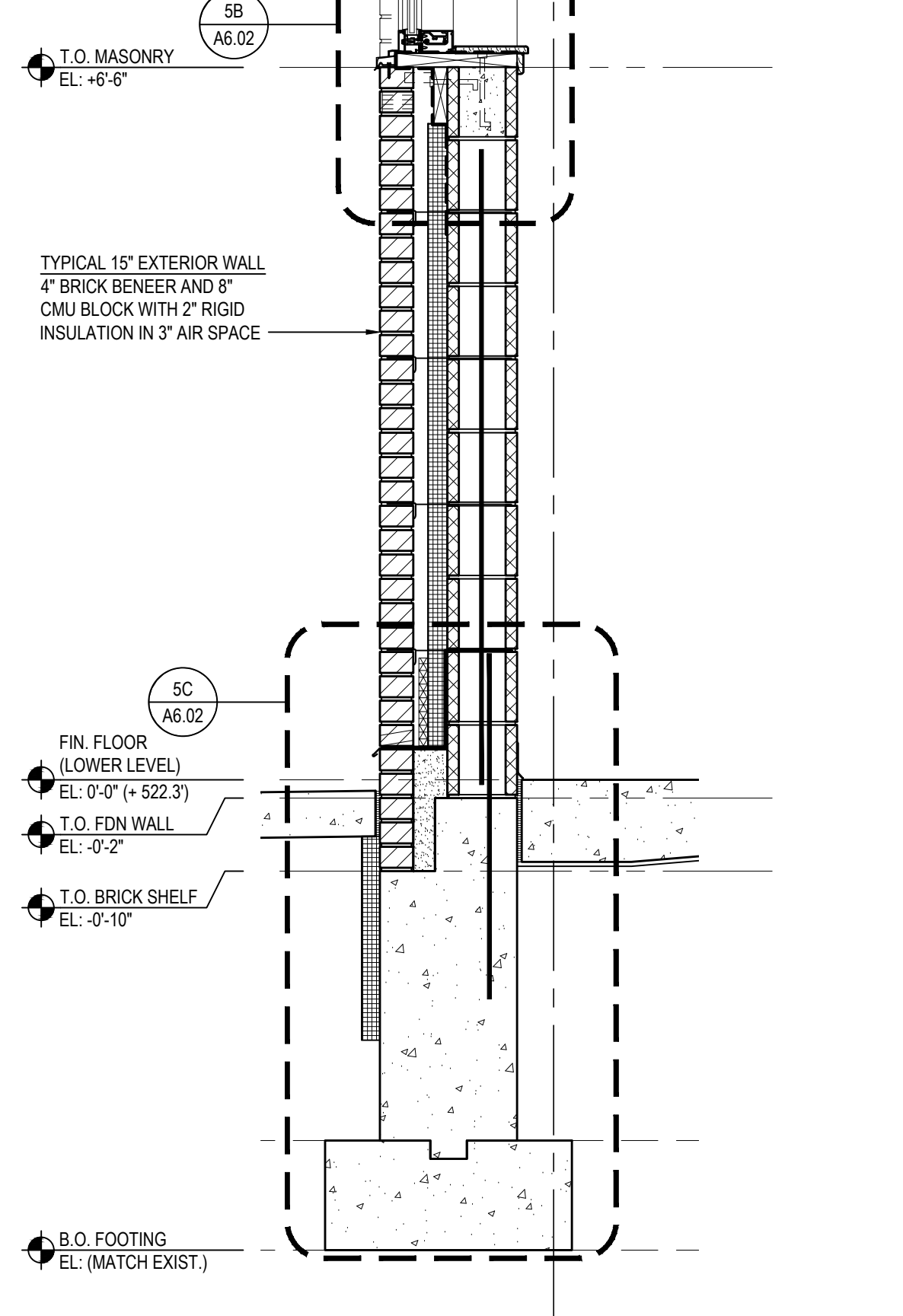
4B SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"



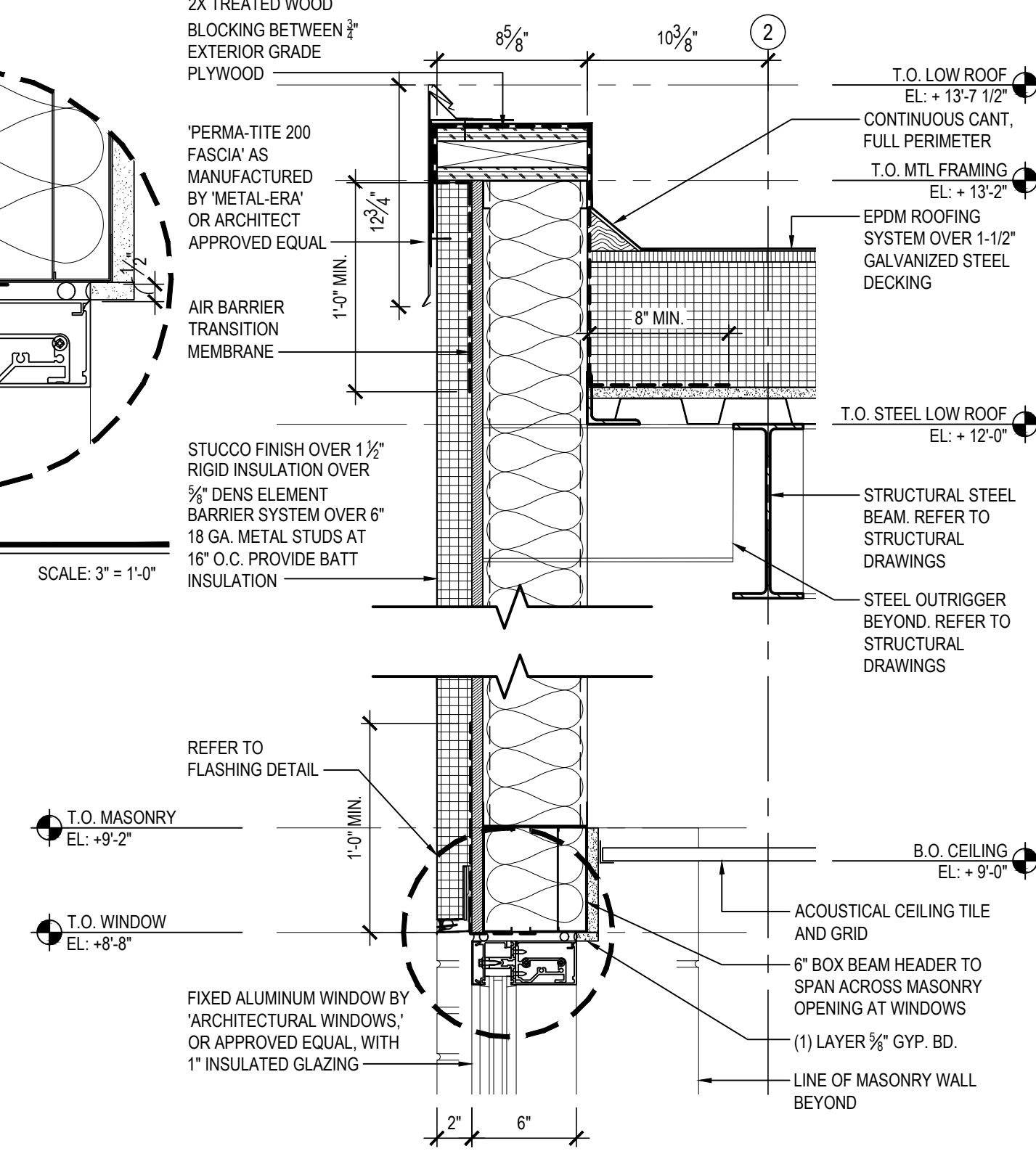
4C SECTION DETAIL  
SCALE: 3/4" = 1'-0"



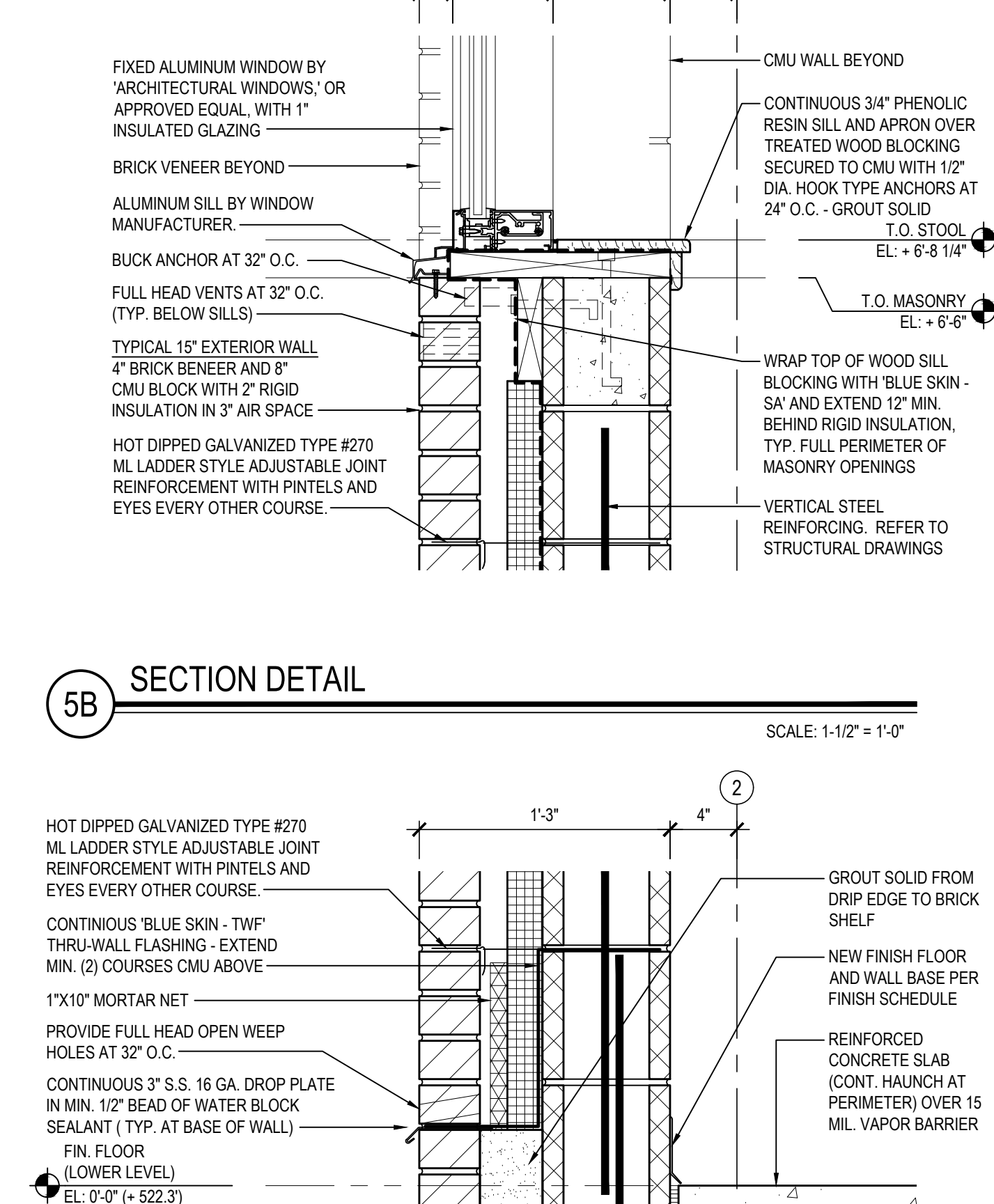
5A SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"



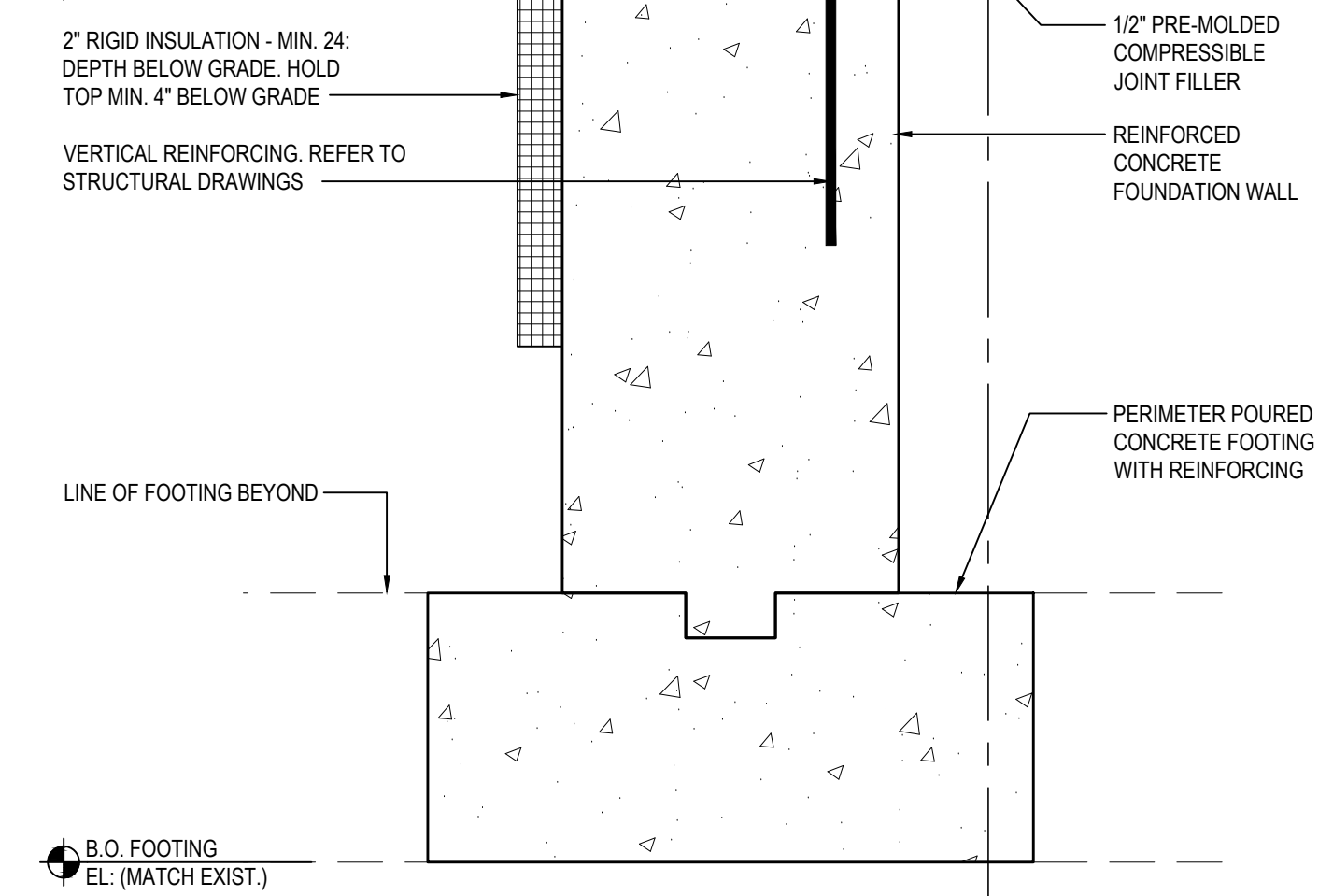
5 WALL SECTION  
SCALE: 3/4" = 1'-0"



5C SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"



5D SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"



5E SECTION DETAIL  
SCALE: 1-1/2" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
WALL SECTIONS and DETAILS

DRAWING BY: E.M.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: WALL SECTIONS and DETAILS

SCALE: AS NOTED

DATE: APRIL 2024

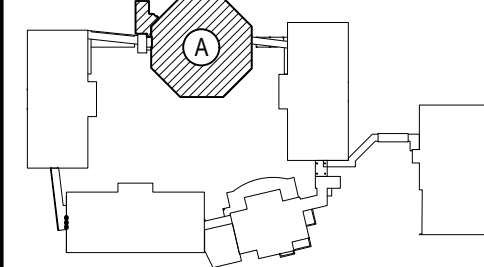
BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

A6.02



REV.	DATE	ITEM



KEY PLAN  
NOT TO SCALE

FORD CENTRAL SCHOOL DISTRICT  
 PHASE 2 - BOND IMPROVEMENTS  
 FOX LANE MIDDLE SCHOOL  
 TOWN OF BEDFORD / WESTCHESTER COUNTY

---

WALL SECTIONS and DETAILS

PROJECT	DWG TITLE
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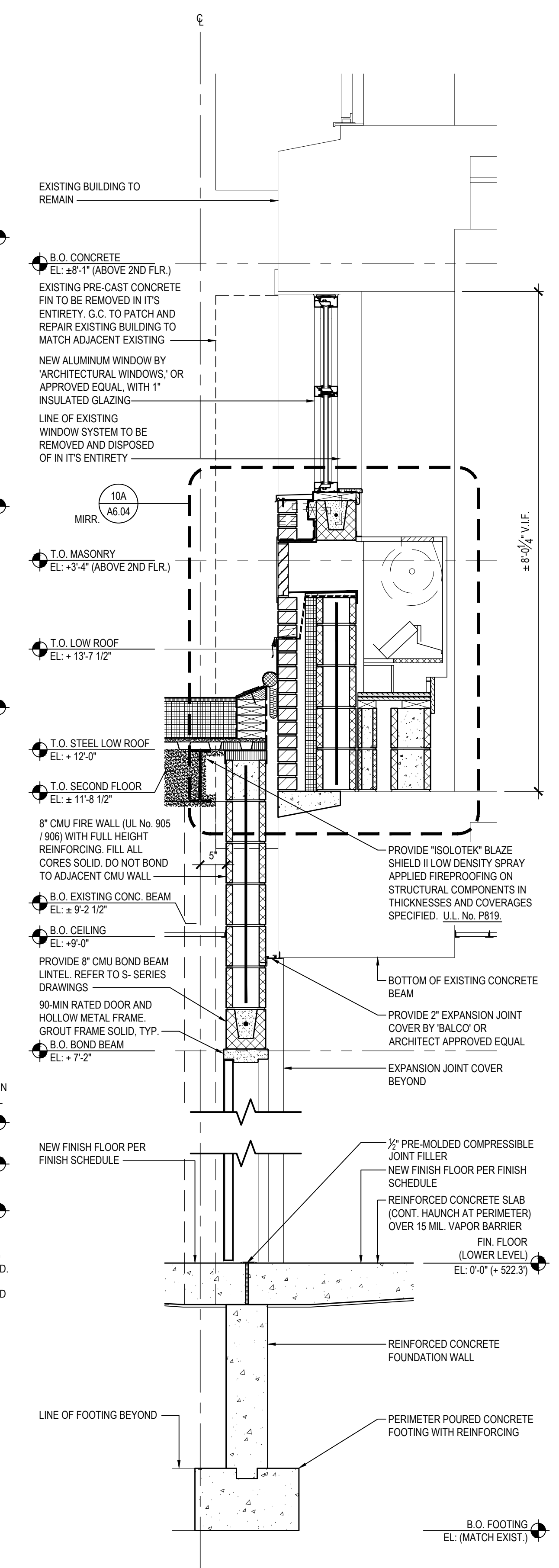
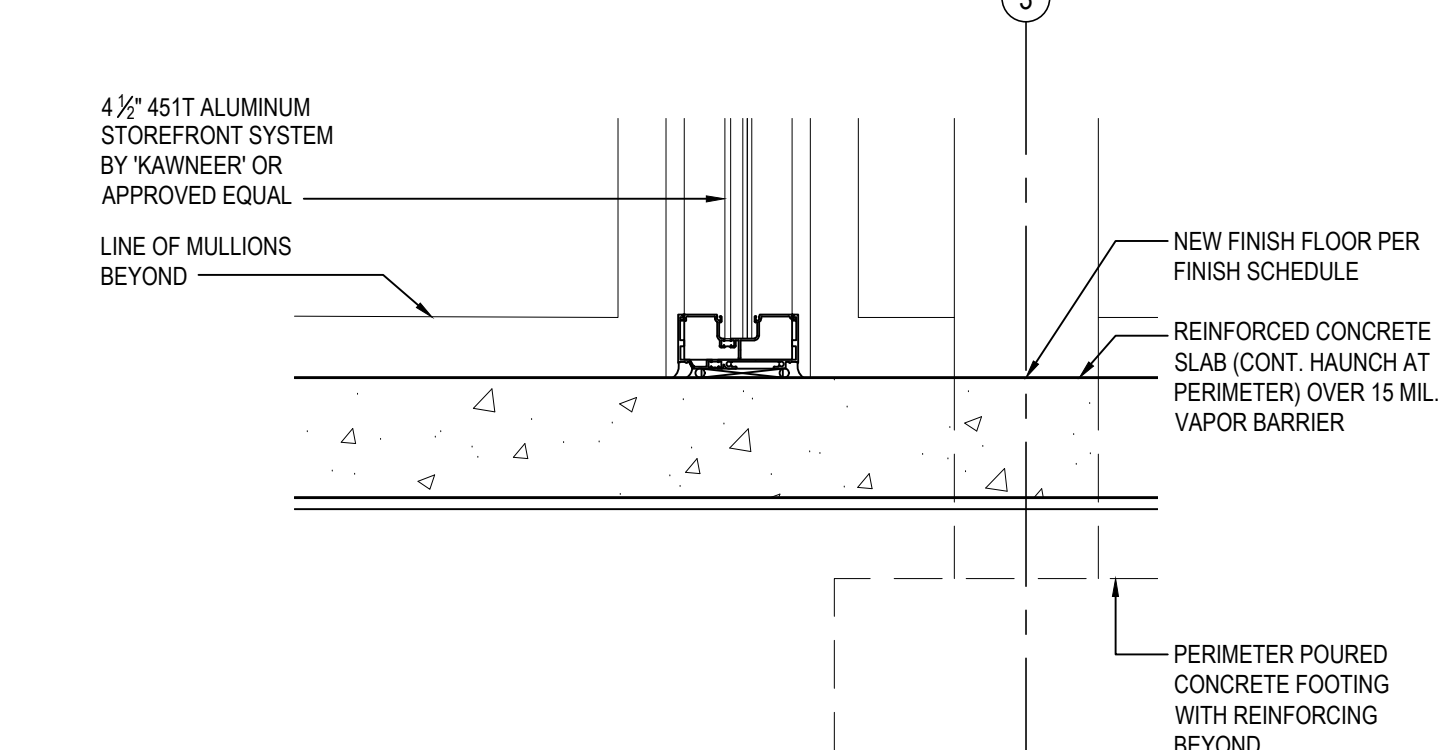
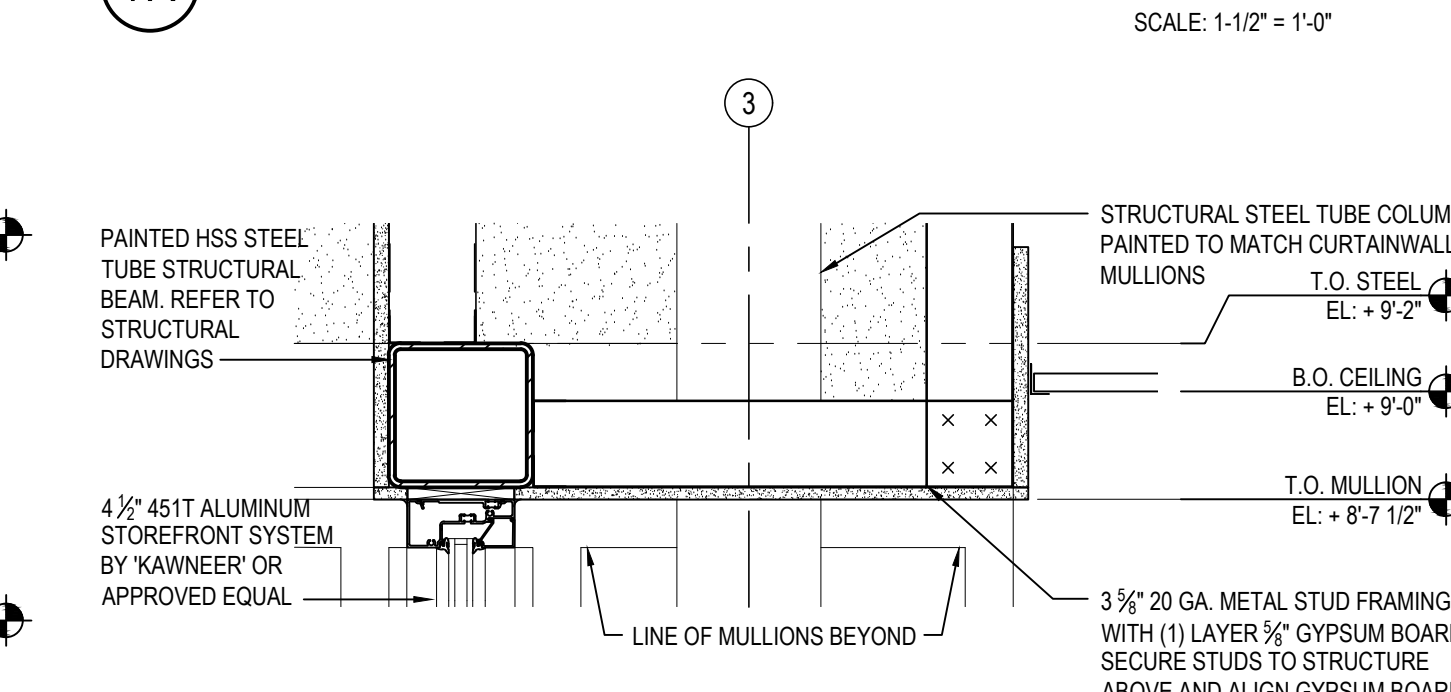
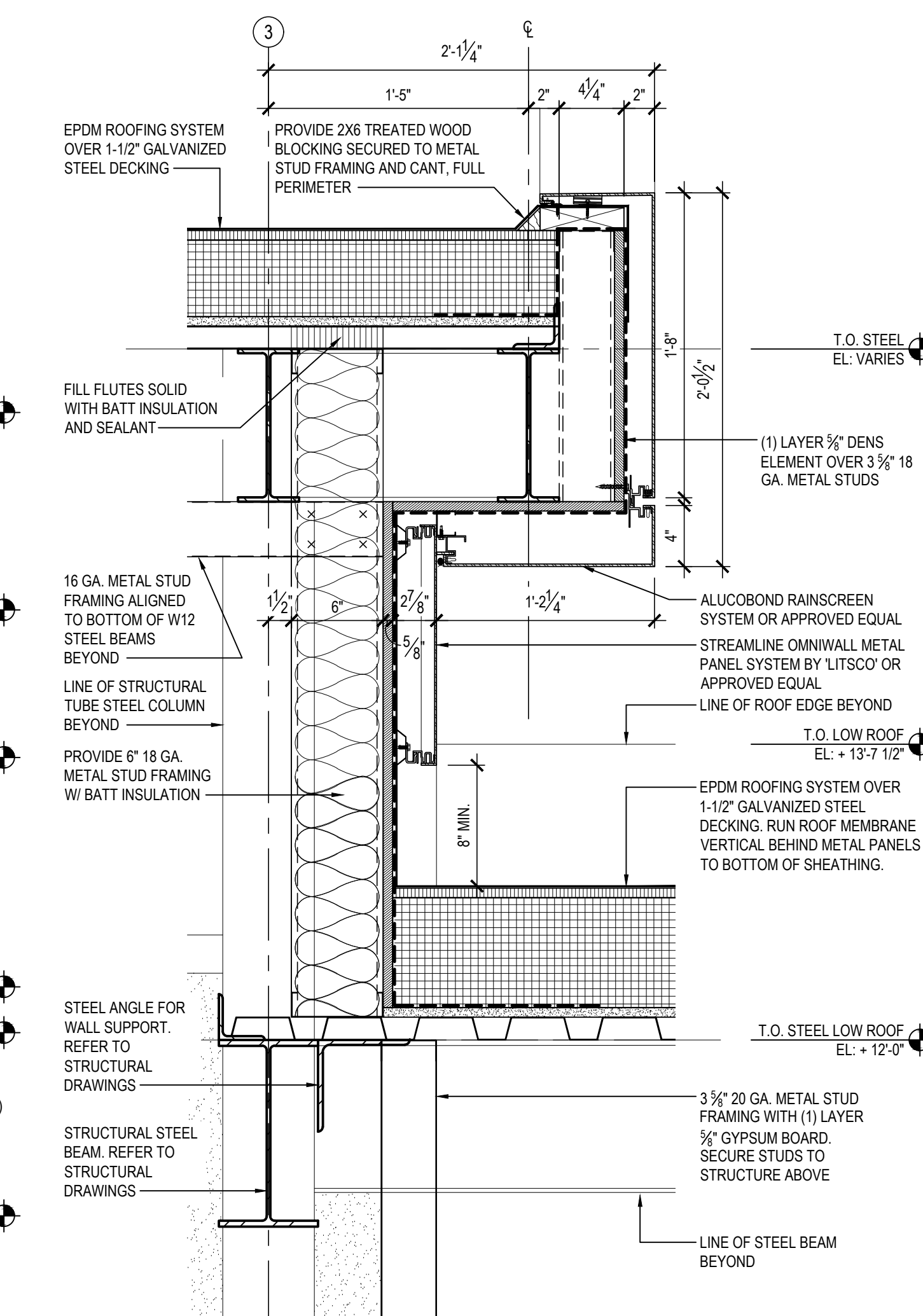
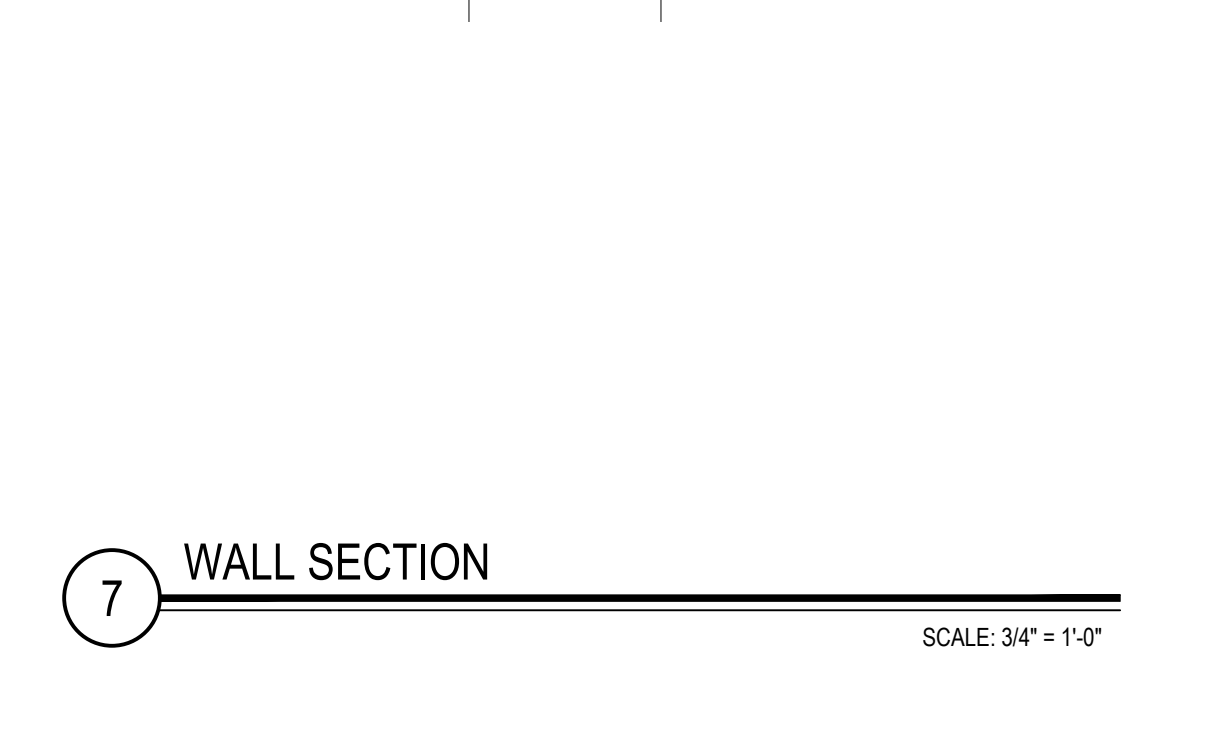
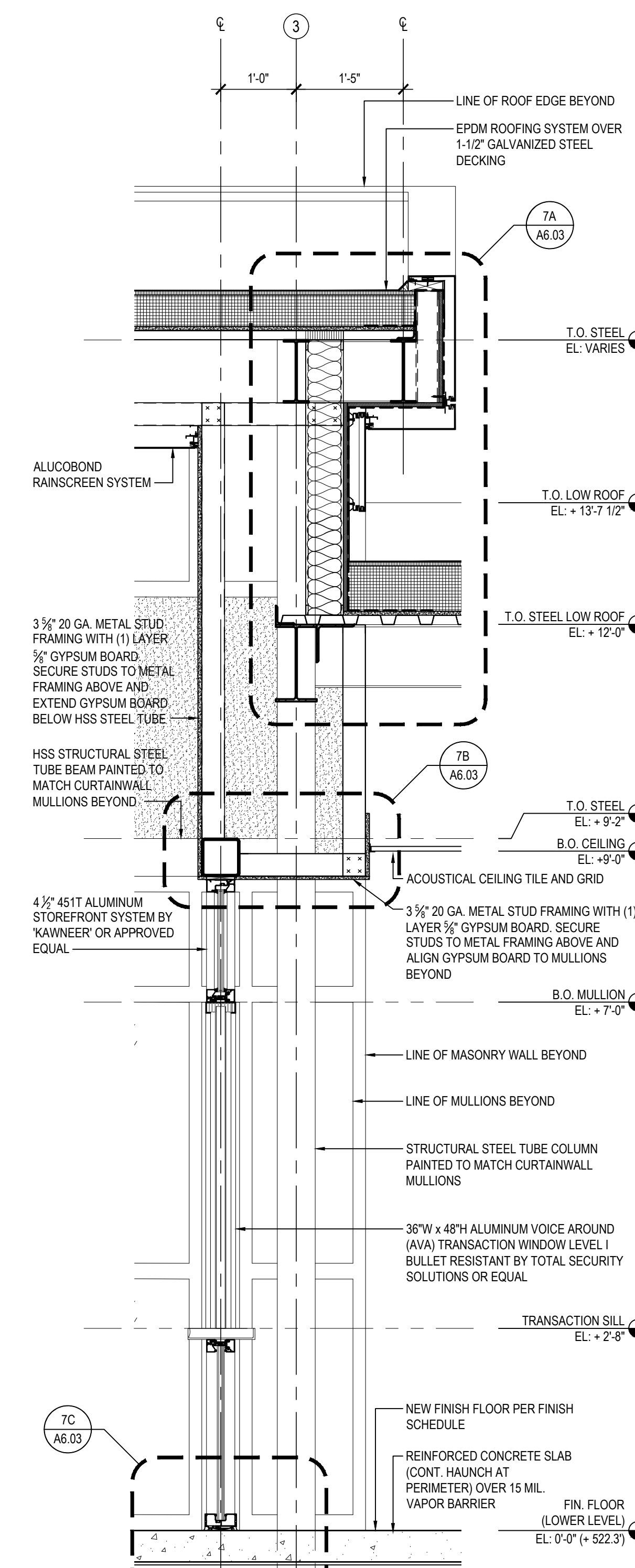
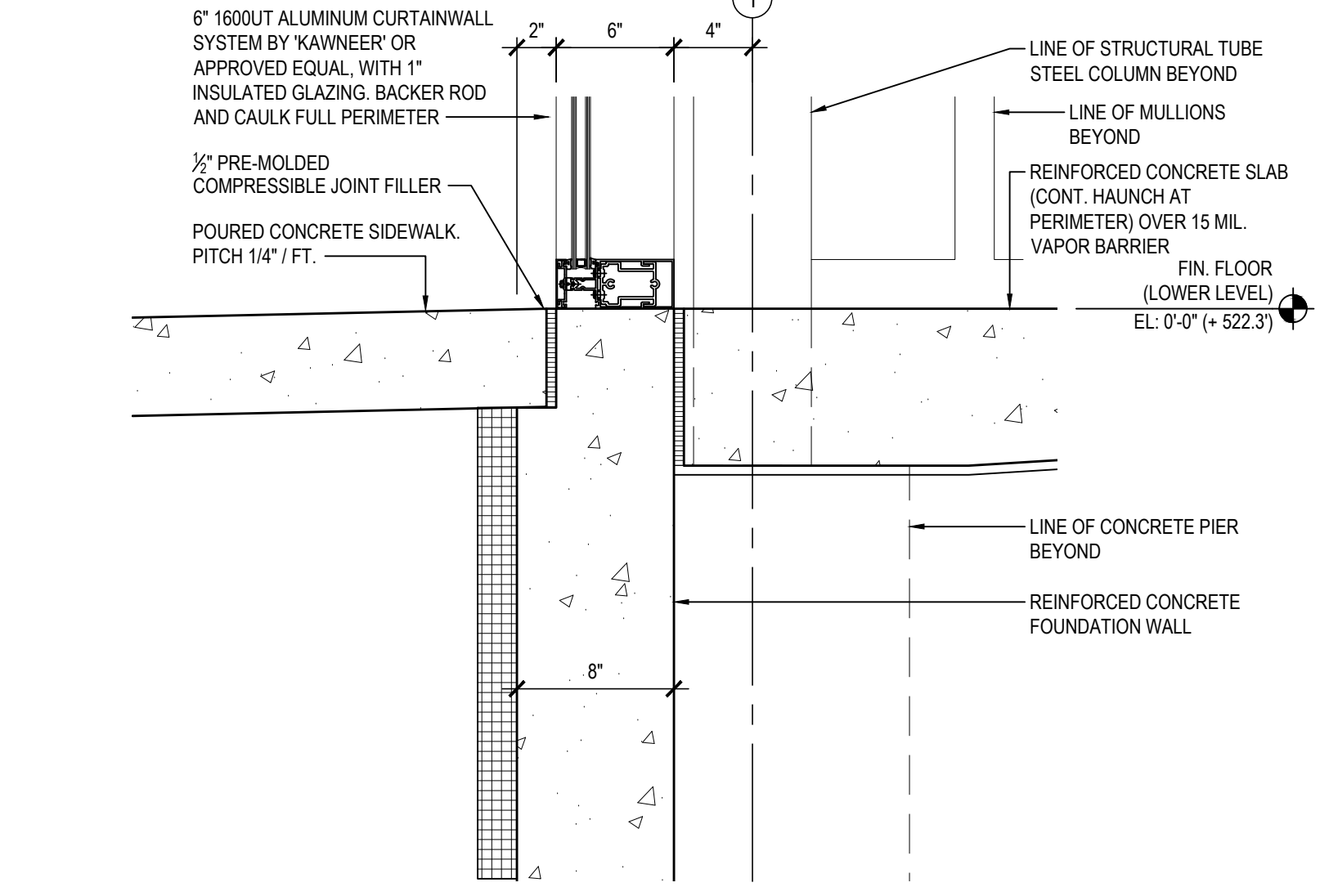
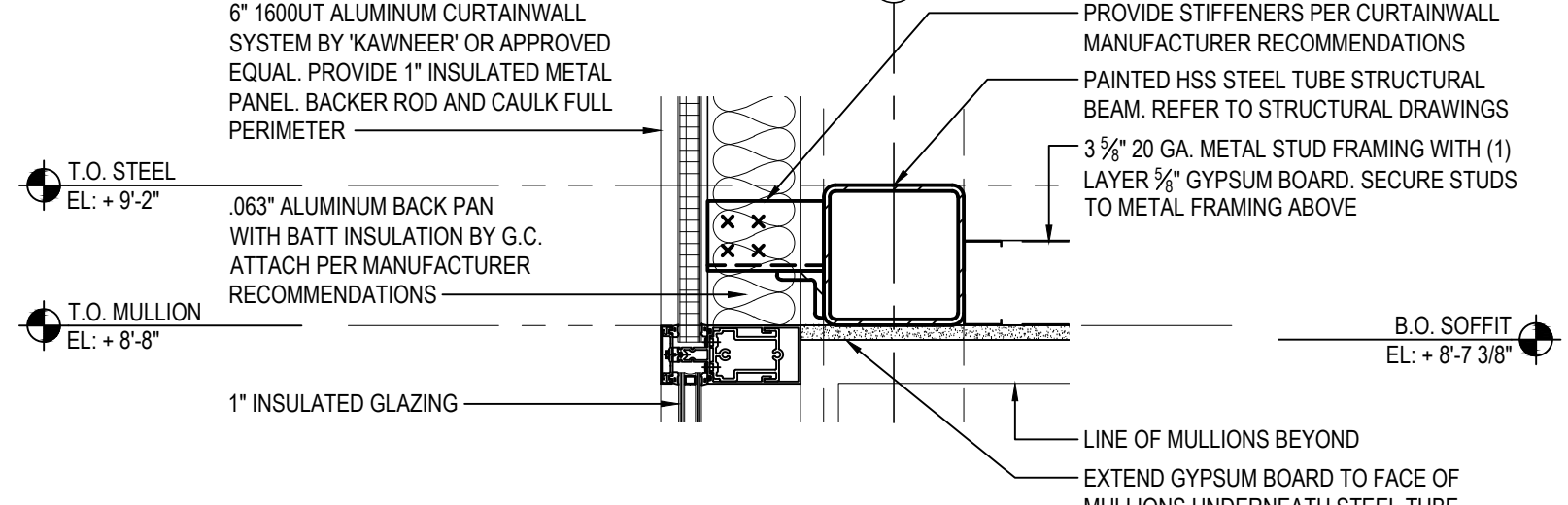
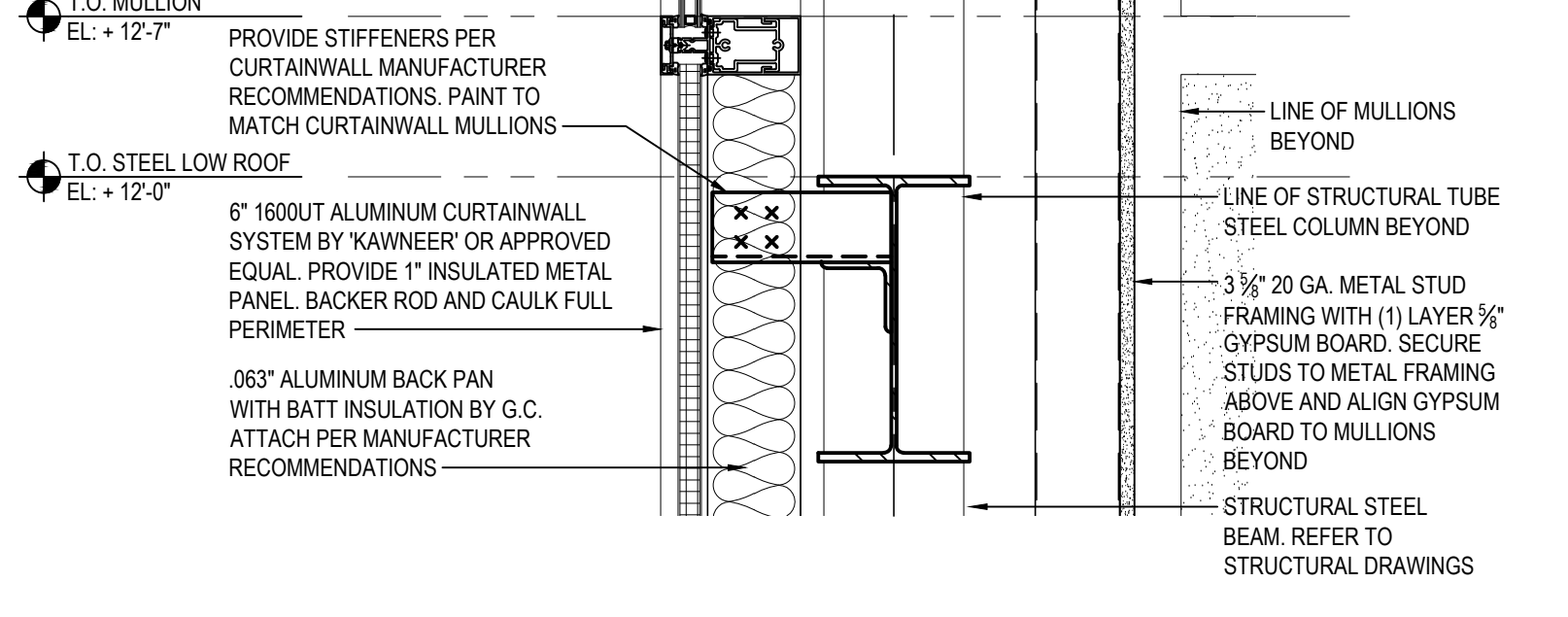
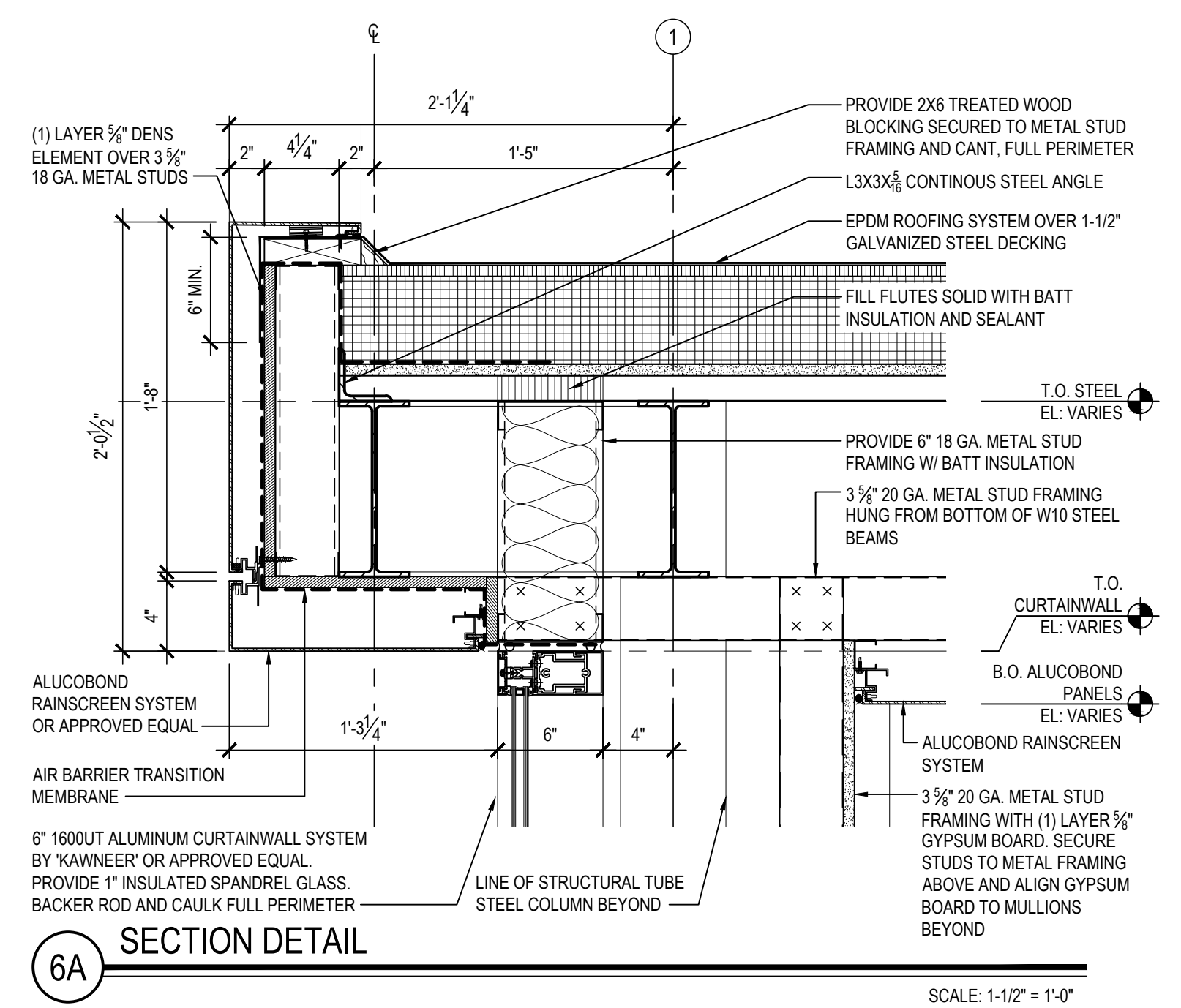
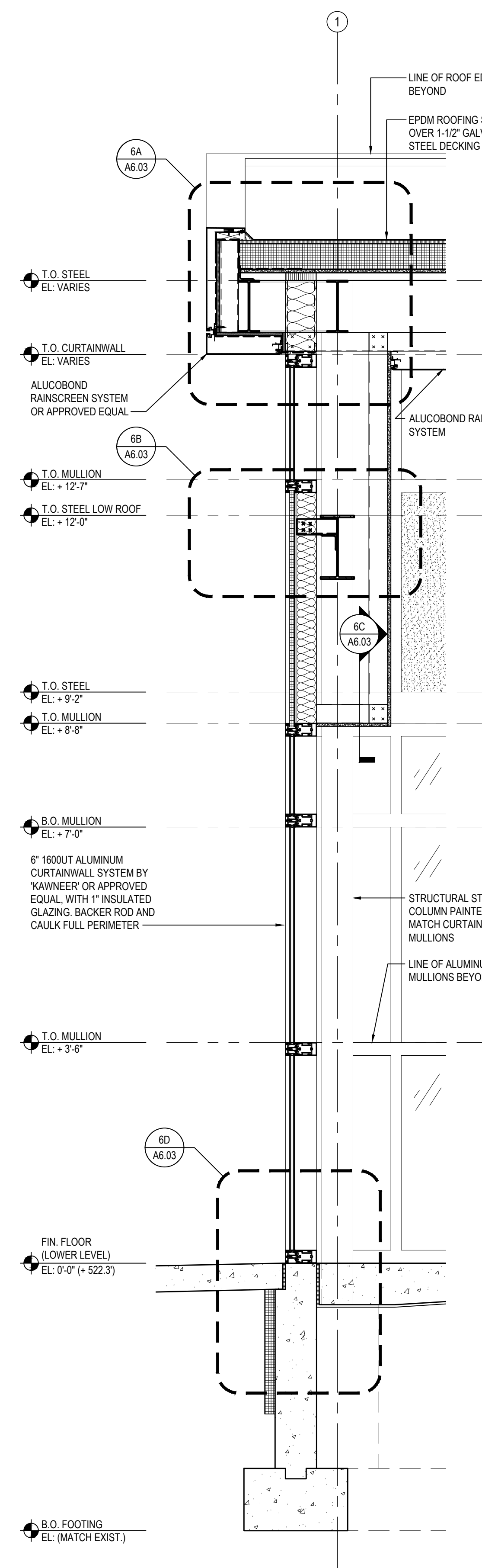
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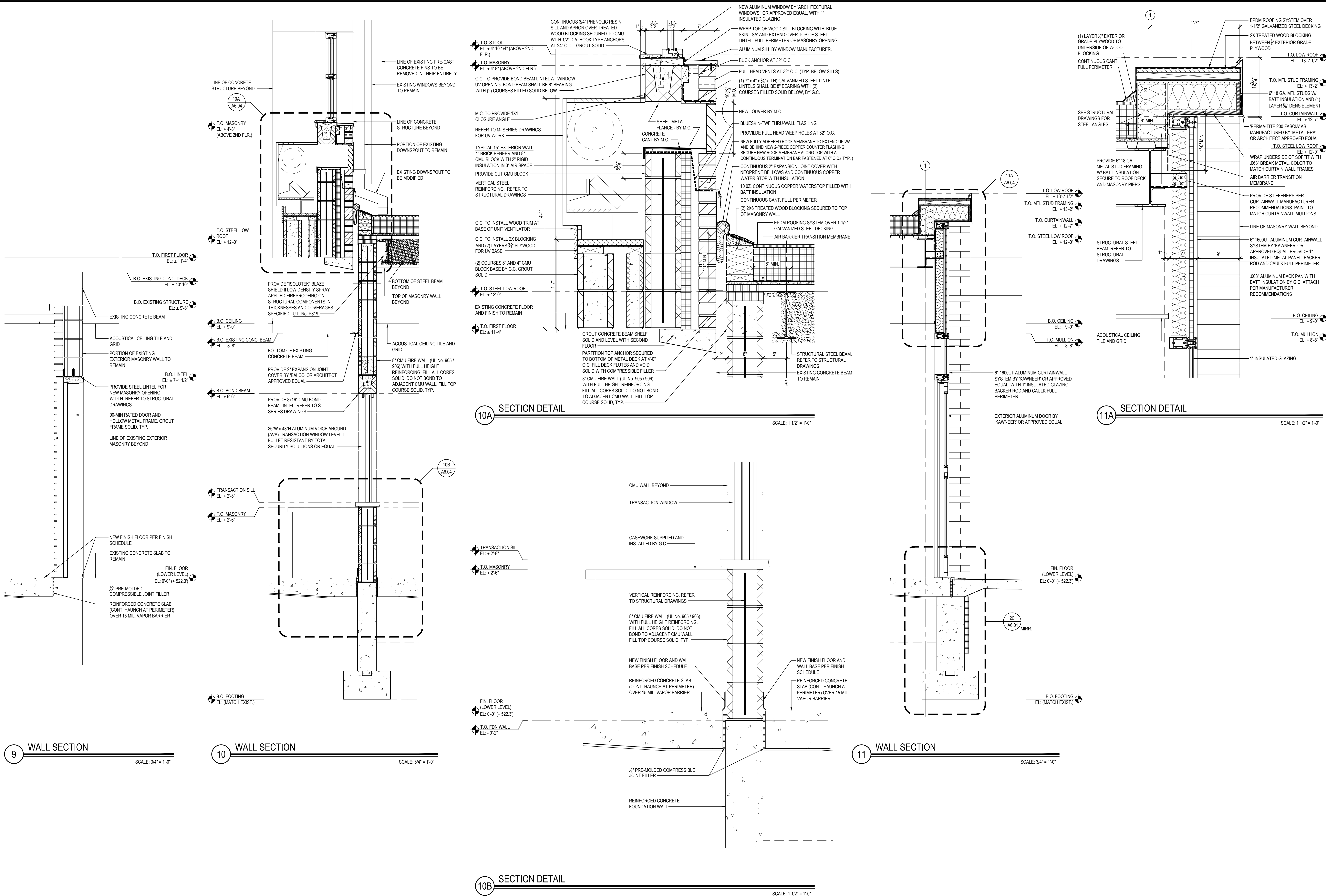
PROJECT	PHASE 2 - BOND IMPROVEMENTS
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SCALE: AS NOTED  
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A6.03







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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

WALL SECTIONS and DETAILS

**DRAWING BY:** E.M.  
**CHECK BY:** P.J.H.

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**SED No:** 66-01-02-06-0-007-013

**DISTRICT:** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT:** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE:** WALL SECTIONS and DETAILS

**SCALE:** AS NOTED

**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No:** 23-131b **FLMS**

**A6.04**

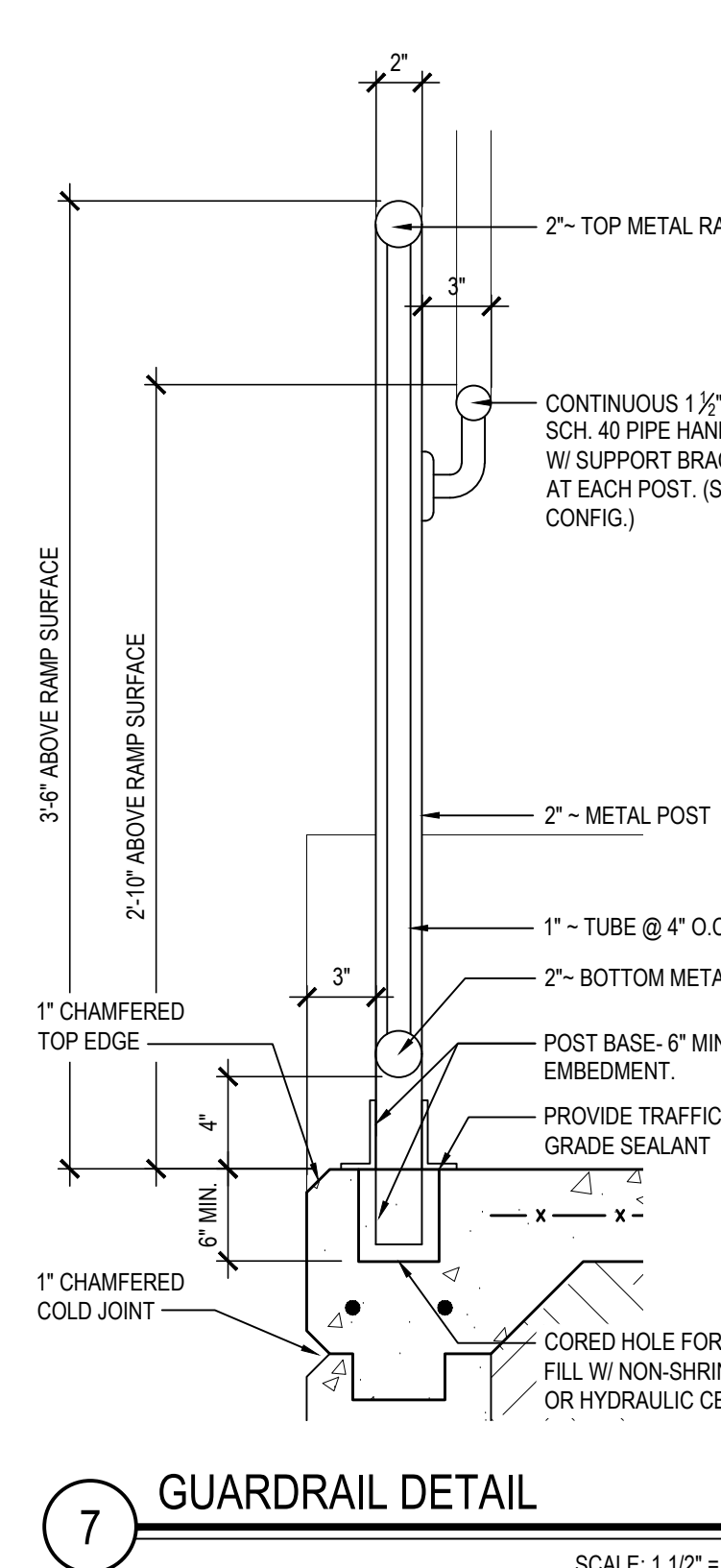
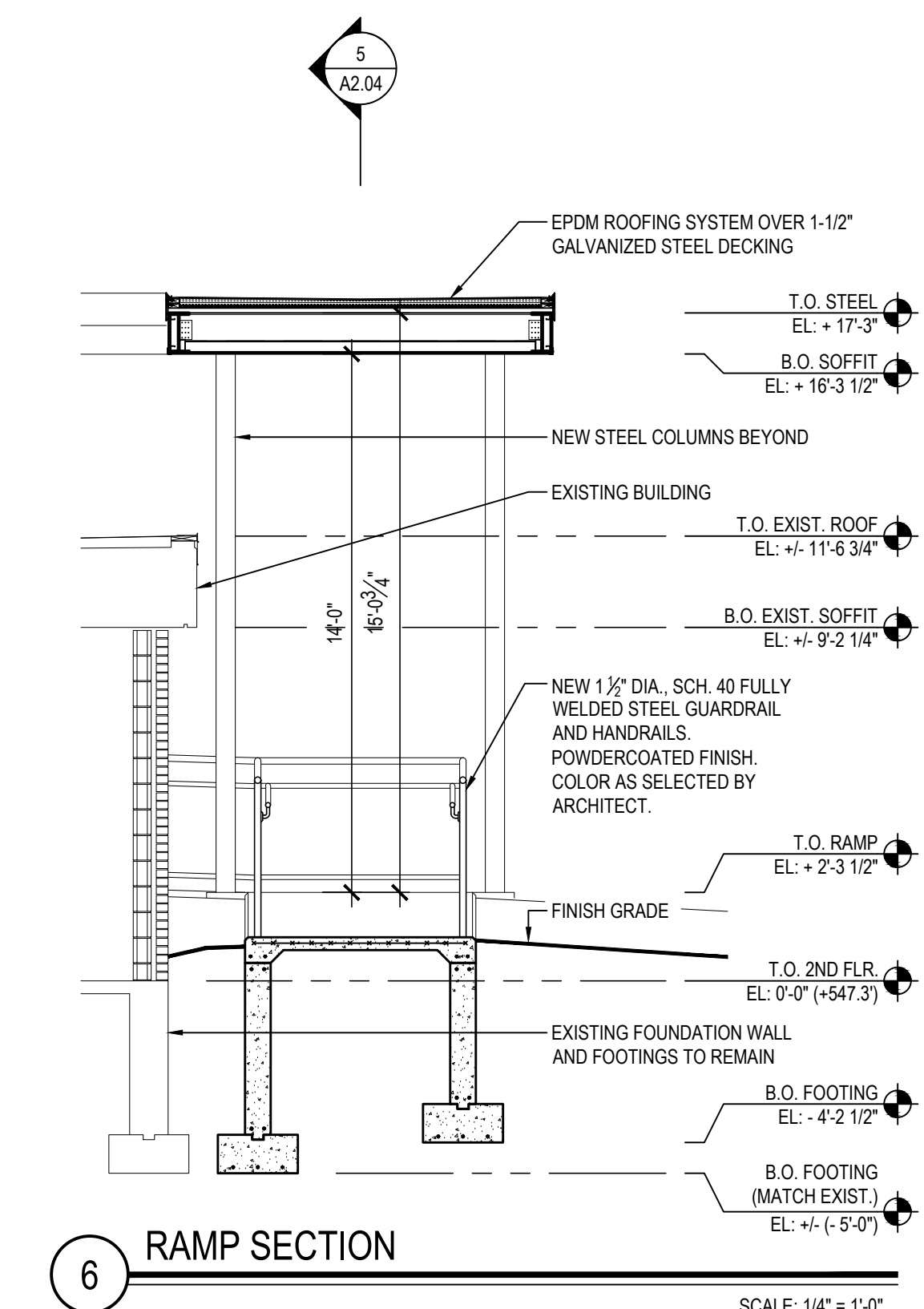
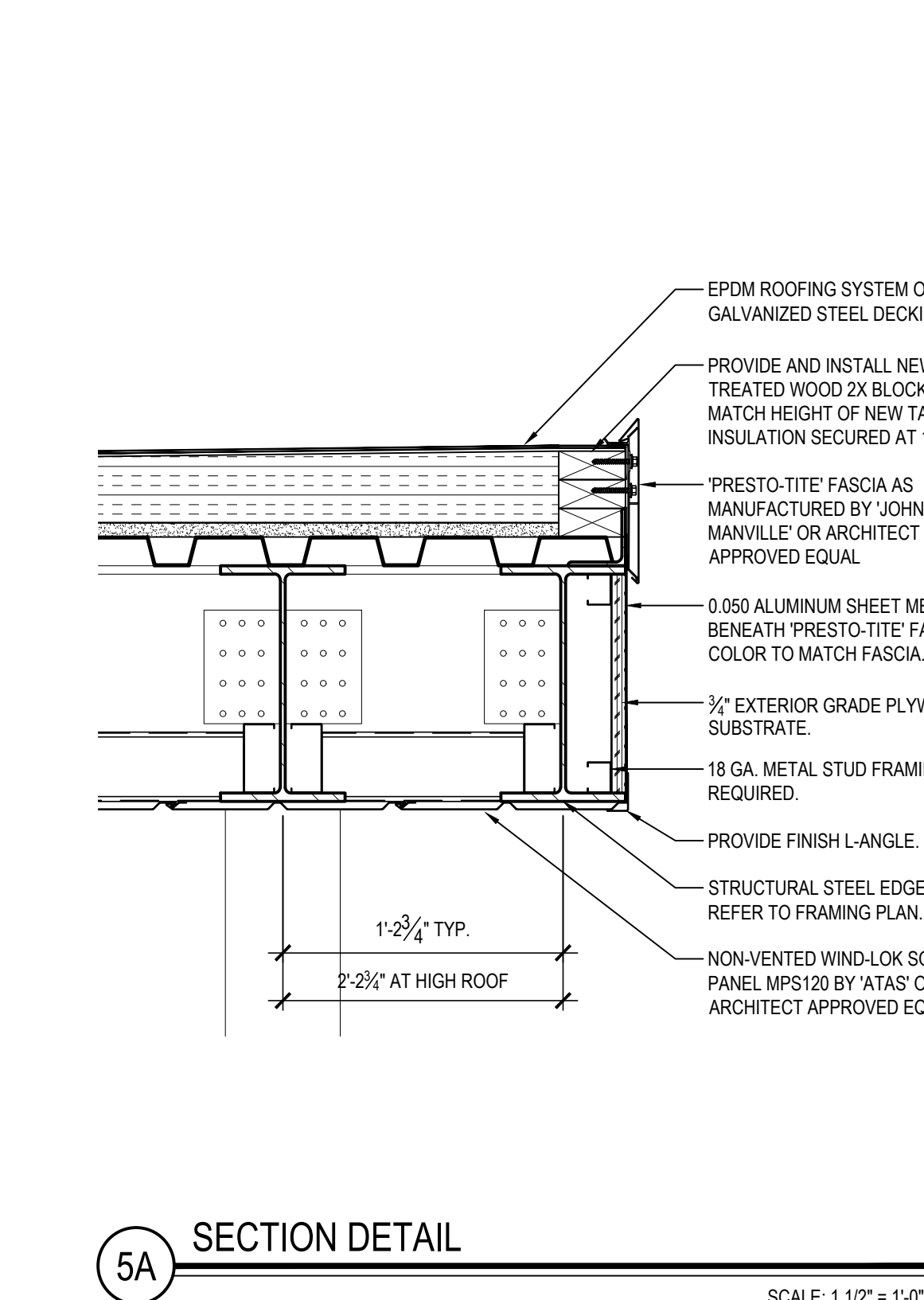
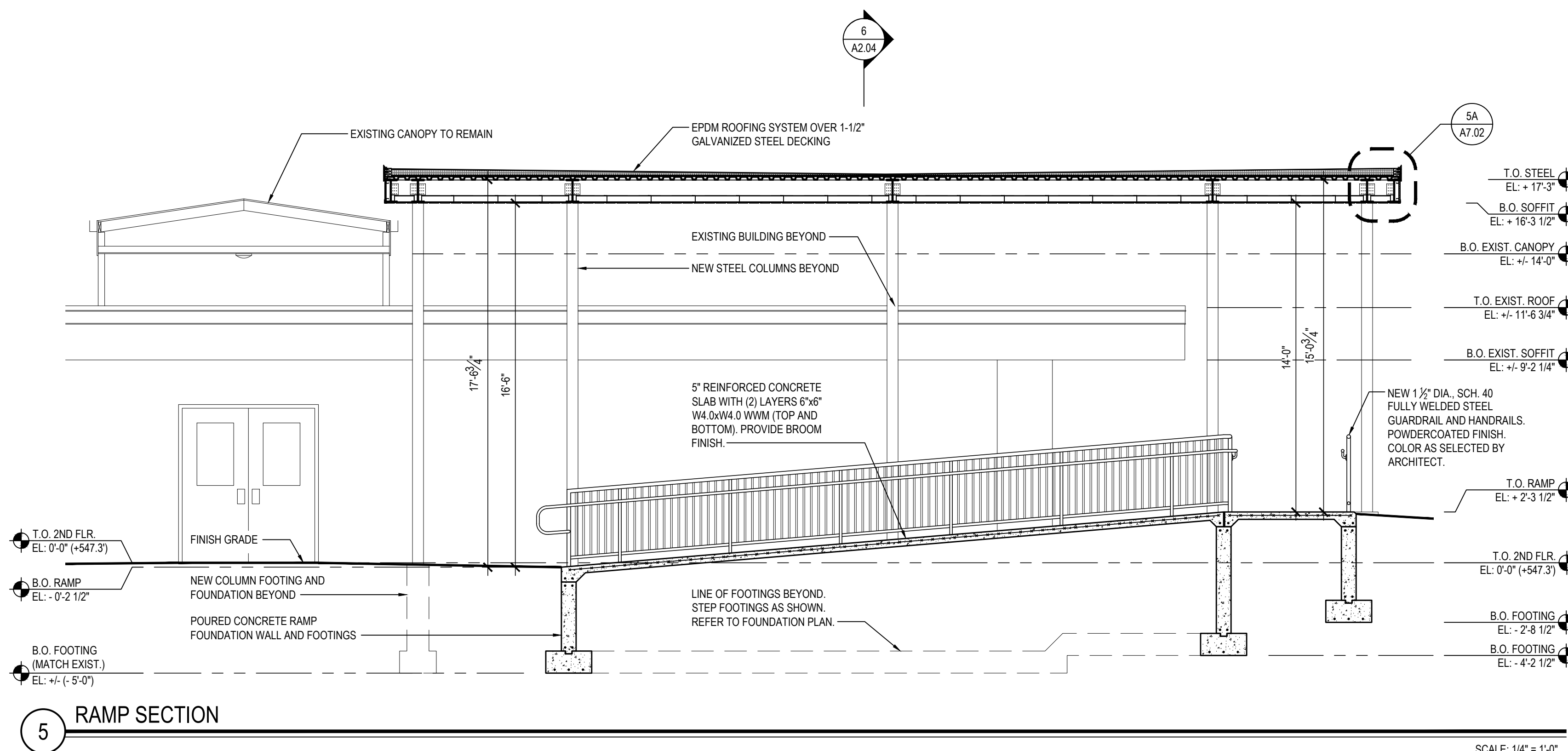
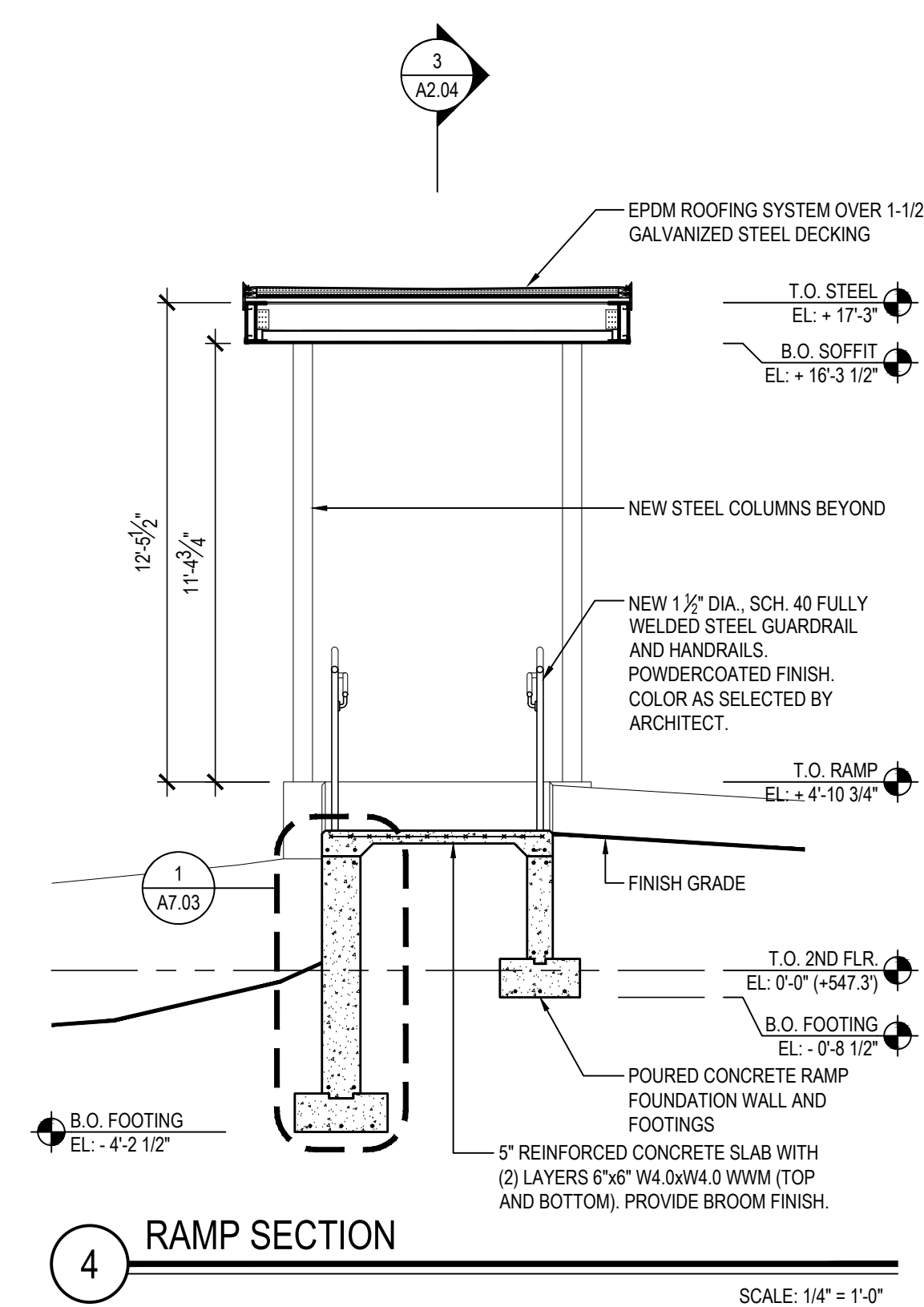
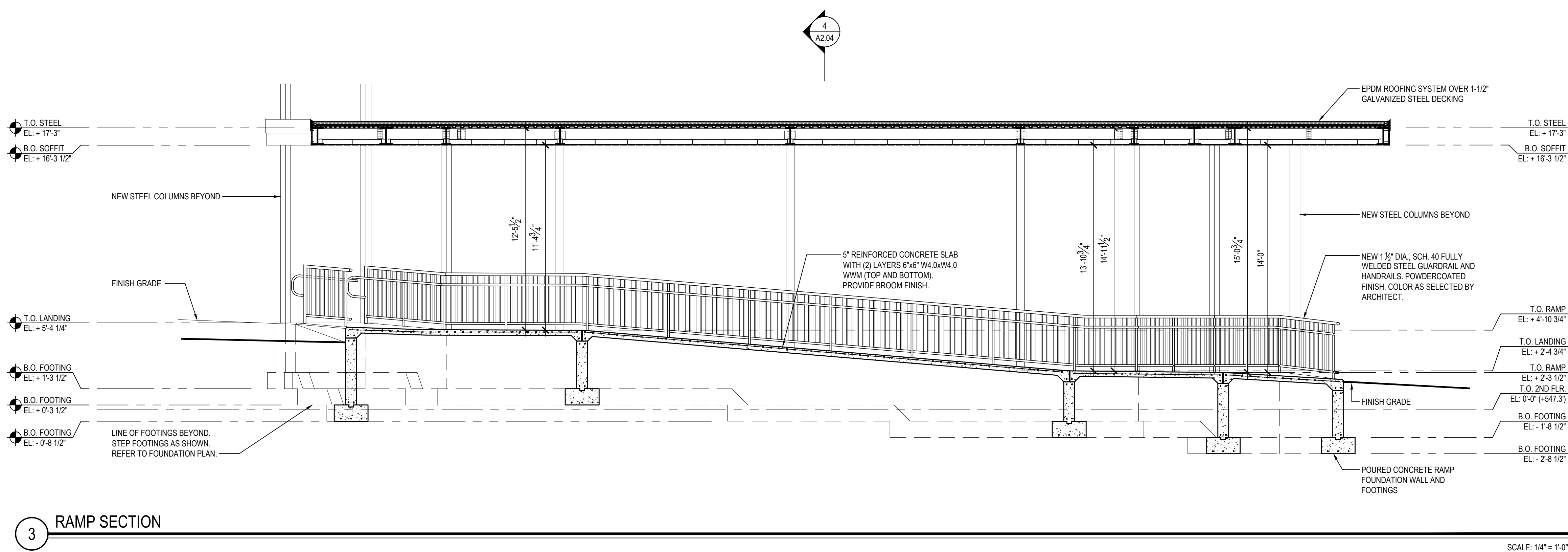
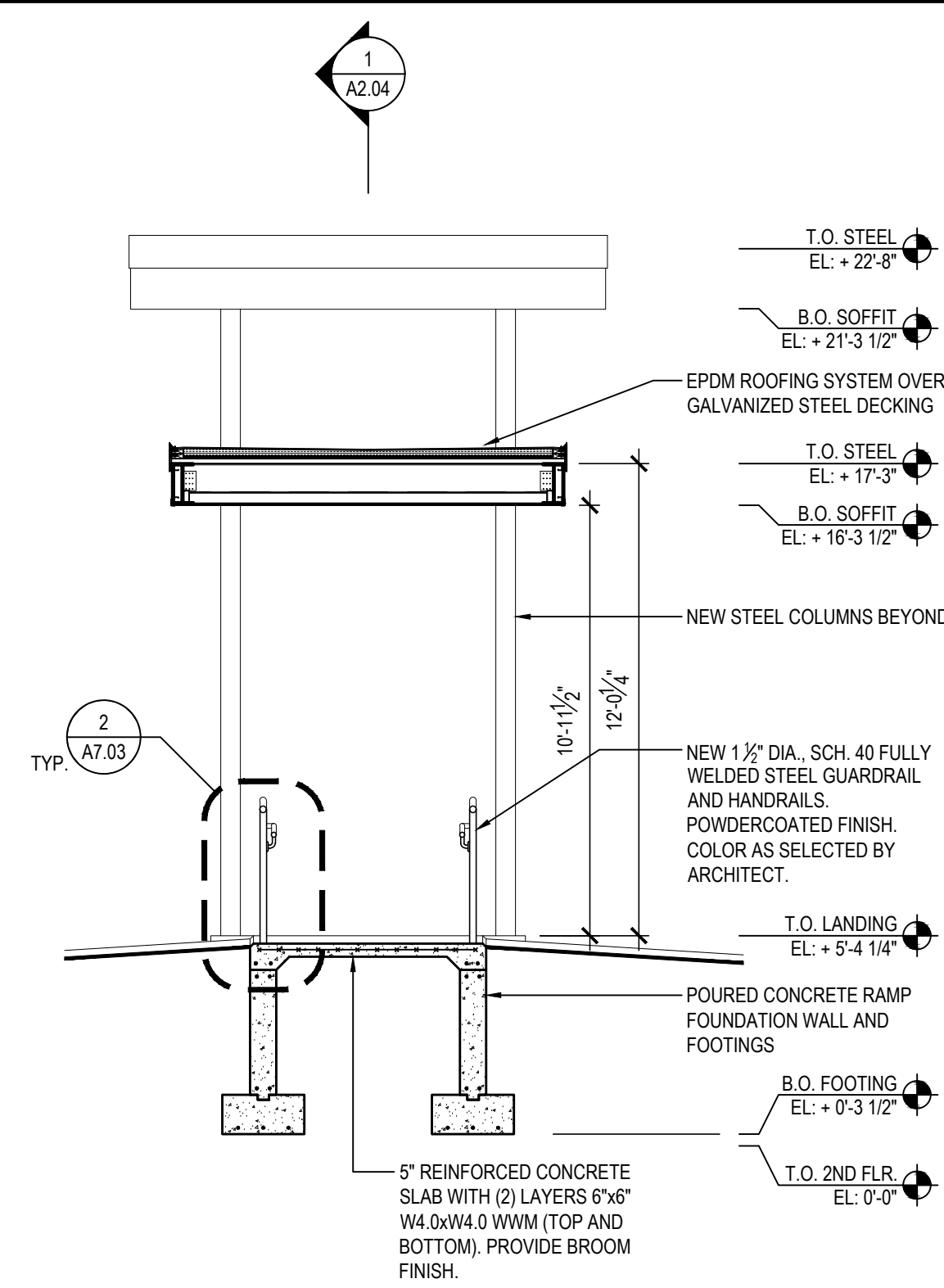
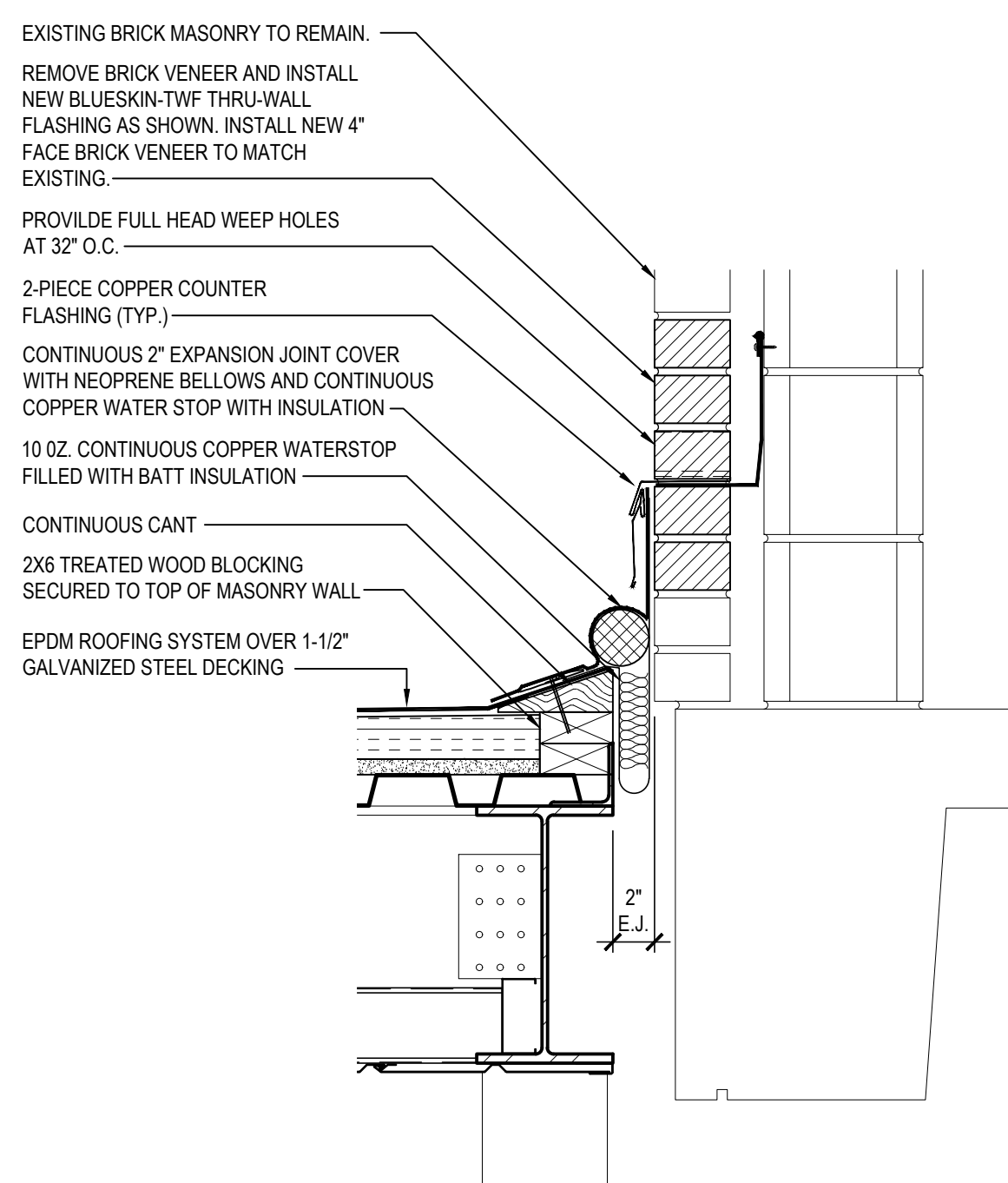
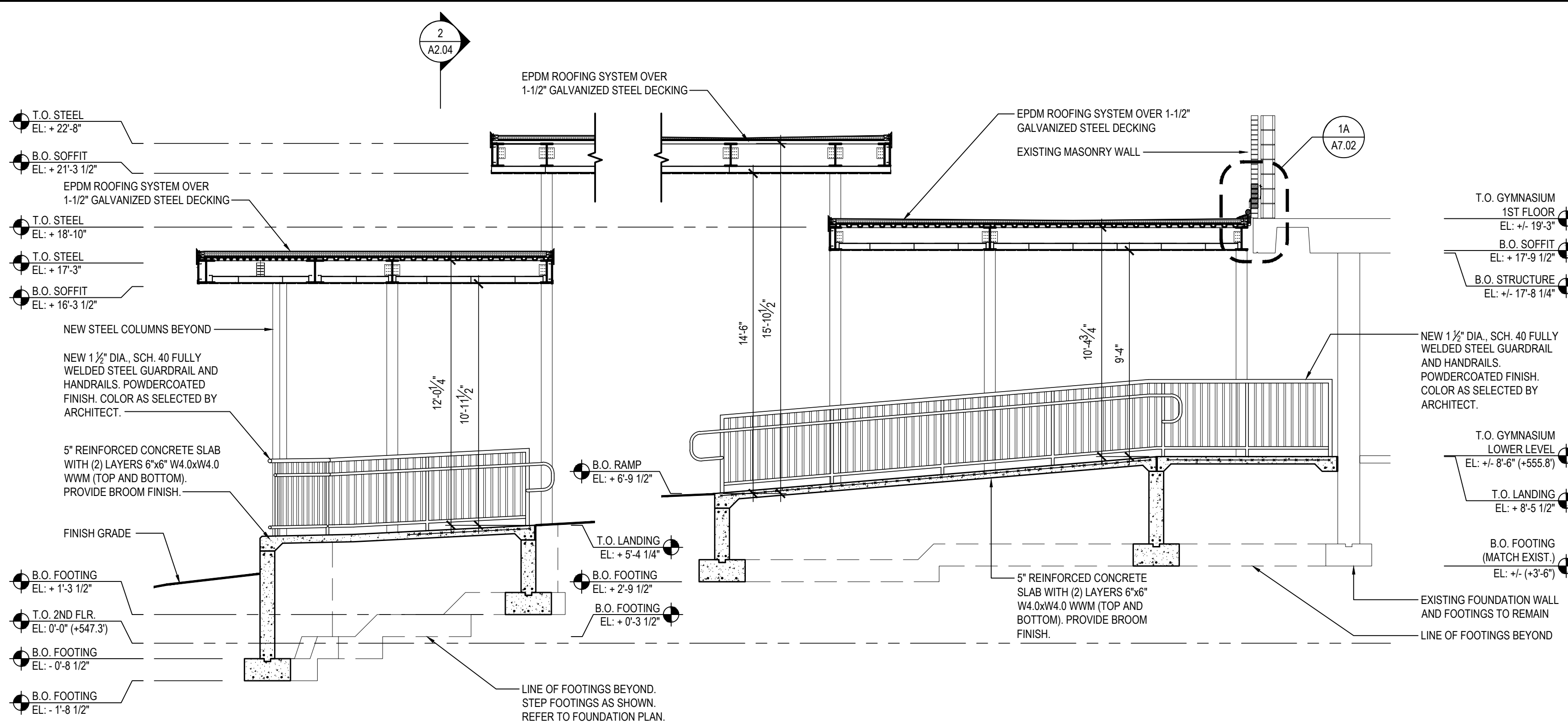






11





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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

RAMP and CANOPY  
SECTIONS and DETAILS

**DRAWING BY:** E.M.  
**CHECK BY:** P.J.H.

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**SED No:** 66-01-02-06-0-007-013

**DISTRICT:** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT:** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE:** RAMP and CANOPY SECTIONS and DETAILS

**SCALE:** AS NOTED

**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

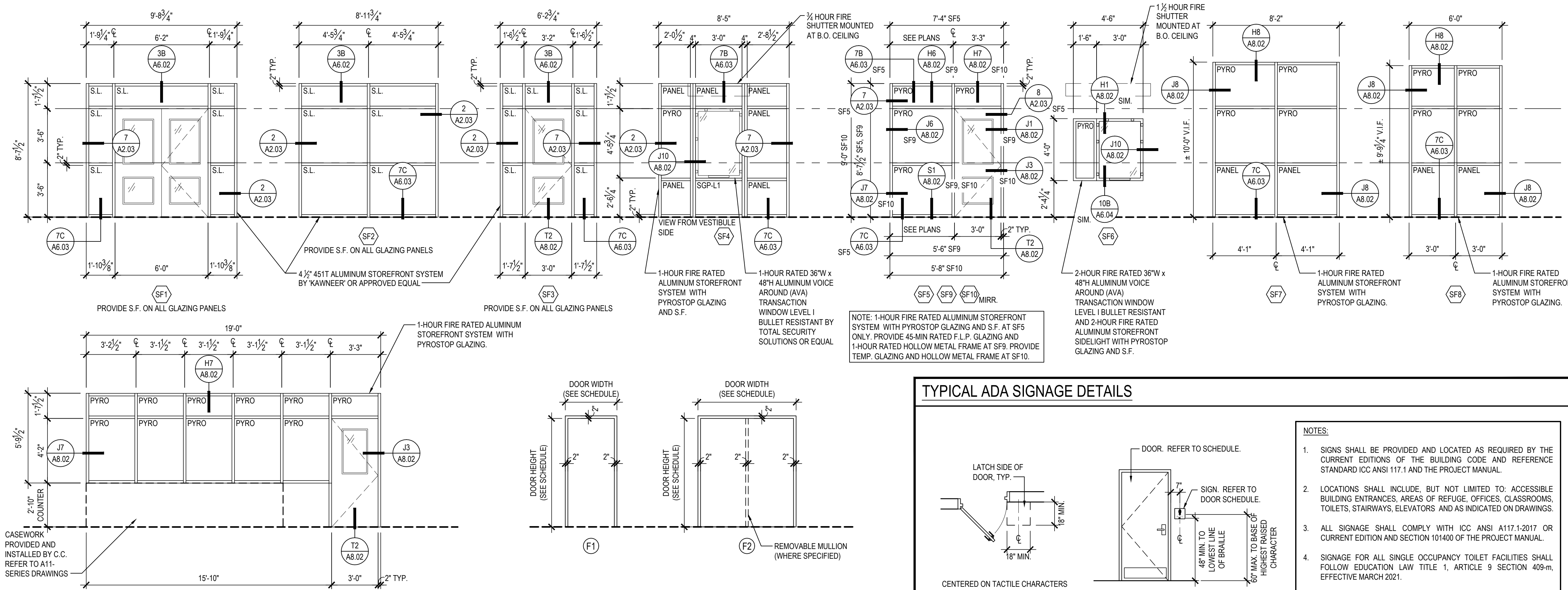
**FILE No:** 23-1316 FLMS

**A7.02**



DOOR SCHEDULE

AREA	DOOR NO.	LOCATION	SIGNAGE	DOOR LEAVES	WIDTH	HEIGHT	THICKNESS	ELEV. TYPE	MAT.	GLAZING	FRAME TYPE	MAT.	GLAZING	HARDWARE SET	DETAIL	HEAD	JAMB	SILL	THOLD	FIRE RATING	REMARKS	DOOR NO.
LOWER LEVEL	101	EXTERIOR	---	2	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W1	ALUM.	SG-2						2C/A6.01	---	PROVIDE REMOVABLE MULLION	101
	102	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W1	ALUM.	SG-2						2C/A6.01	---		102
	103	STUDENTS / STAFF VESTIBULE	---	2	3'-0"	7'-0"	1 3/4"	F	ALUM.	S.L.	SF-1	ALUM.	S.L.						T2	---	PROVIDE REMOVABLE MULLION. PROVIDE SECURITY FILM	103
	104	SECURITY VESTIBULE	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	S.L.	SF-3	ALUM.	S.L.						T2	---	PROVIDE SECURITY FILM	104
	105	SECURITY OFFICE No. 03	B	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	PYRO	SF-5	ALUM.	PYRO						T2	60 MIN.	PROVIDE SECURITY FILM	105
	106	SECURITY OFFICE No. 03	B	1	3'-0"	7'-0"	1 3/4"	E	MCMV	F.L.P.	F1	H.M.	---		H1	J1			T2	90 MIN.		106
	107	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W4	ALUM.	SG-2						2C/A6.01	---		107
	108	MAIN LOBBY	---	2	3'-0"	7'-0"	1 3/4"	E	MCMV	F.L.P.	F2	H.M.	---		H1	J1			T2	90 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	108
	109	ATTENDANCE OFFICE No. 04	B	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F1	H.M.	---		H4	J4			T2	20 MIN.		109
	110	MAIN OFFICE No. 125	B	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	SF-9	H.M.	F.L.P.			J1			T2	20 MIN.		110
	111	CONFERENCE ROOM No. 127	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		111
	112	OFFICE No. 124	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		112
	113	CONFERENCE ROOM No. 123	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		113
	114	OFFICE No. 122	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		114
	115	OFFICE No. 129	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		115
	116	OFFICE No. 130	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T3	---		116
	117	TOILET ROOM No. 131	D	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H3	J3			T4	---		117
	118	VAULT No. 135	B	1	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	A	H.M.	---	F1	H.M.	---		H2	J2			T5	---		118
	119	STORAGE ROOM No. 134	B	1	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H2	J2			T5	45 MIN.		119
	120	STORAGE ROOM No. 128	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H2	J1/J2			T5	20 MIN.		120
	121	NURSE'S OFFICE No. 119	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H3	J3			T3	---		121
	122	TOILET ROOM No. 132	D	2	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H3	J3			T4	---		122
	123	EXAM ROOM	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H3	J3			T2	---		123
	124	OFFICE No. 120	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	---		H3	J3			T2	---		124
	125	NURSE'S OFFICE No. 119	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	---		H1	J1			T2	20 MIN.		125
	126	STORAGE ROOM No. 133	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	---		H1	J1			T2	---		126
FIRST FLOOR	201	CROSS-CORRIDOR DOORS	---	2	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F2	H.M.	---		H5	J5				20 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	201
	202	MUSIC CLASSROOM No. 209 / 210	A	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	---		H1	J1			T5	20 MIN.		202
	203	MUSIC CLASSROOM No. 209 / 210	A	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	---		H1	J1			T5	20 MIN.		203
	204	PRACTICE ROOM No. 210a	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	SF-10	H.M.	TEMP.			J3			T2	---	PROVIDE 3/4" UNDERCUT.	204
SECOND FLOOR	301	LECTURE ROOM No. 318	A	2	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	D	SCLCMV	F.G.	F2	H.M.	---		H2	J2				20 MIN.		301
	302	STEAM / ROBOTICS LAB No. 317	---	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	PYRO	SF-11	H.M.	PYRO			J3				45 MIN.		302
	303	STORAGE ROOM No. 317A	B	1	3'-0"	7'-0"	1 3/4"	A	MCMV	---	F1	H.M.	---		H3	J3				45 MIN.	PROVIDE 3/4" UNDERCUT.	303
	304	STEAM / ROBOTICS LAB No. 317	---	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	PYRO	SF-11	H.M.	PYRO			J3				45 MIN.		304
	305	WOOD SHOP No. 315	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F2	H.M.	---		H3	J3/J9				---		305
	306	LECTURE ROOM No. 316	A	2	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	D	SCLCMV	F.G.	F2	H.M.	---		H2	J2				20 MIN.		306
	307	CROSS-CORRIDOR DOORS	---	2	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F2	H.M.	---		H5	J5				20 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	307



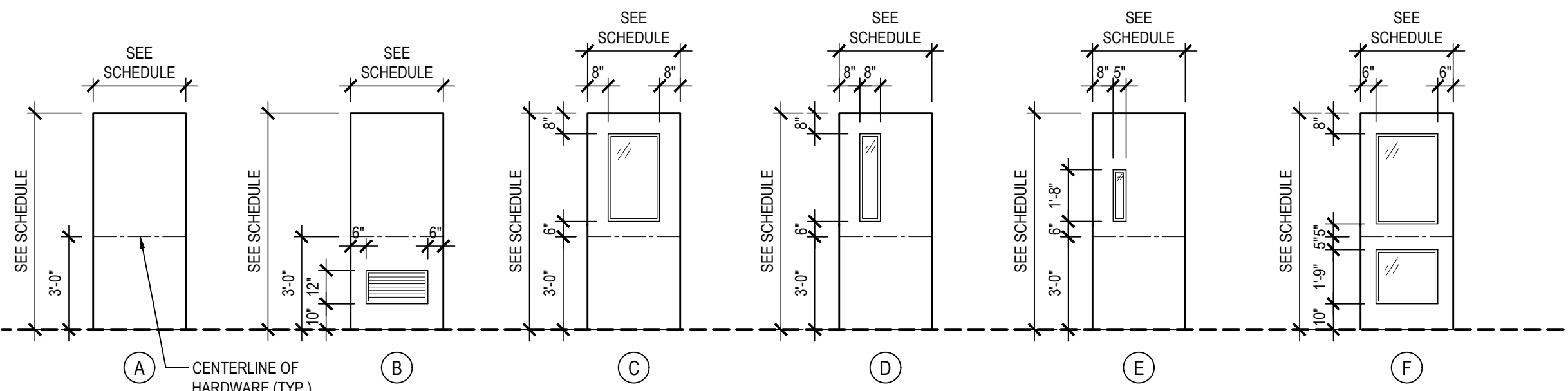
STOREFRONT ELEVATIONS

SCALE: 1/4" = 1'-0"

FRAME TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR FRAME MATERIAL.

SCALE: 1/4" = 1'-0"

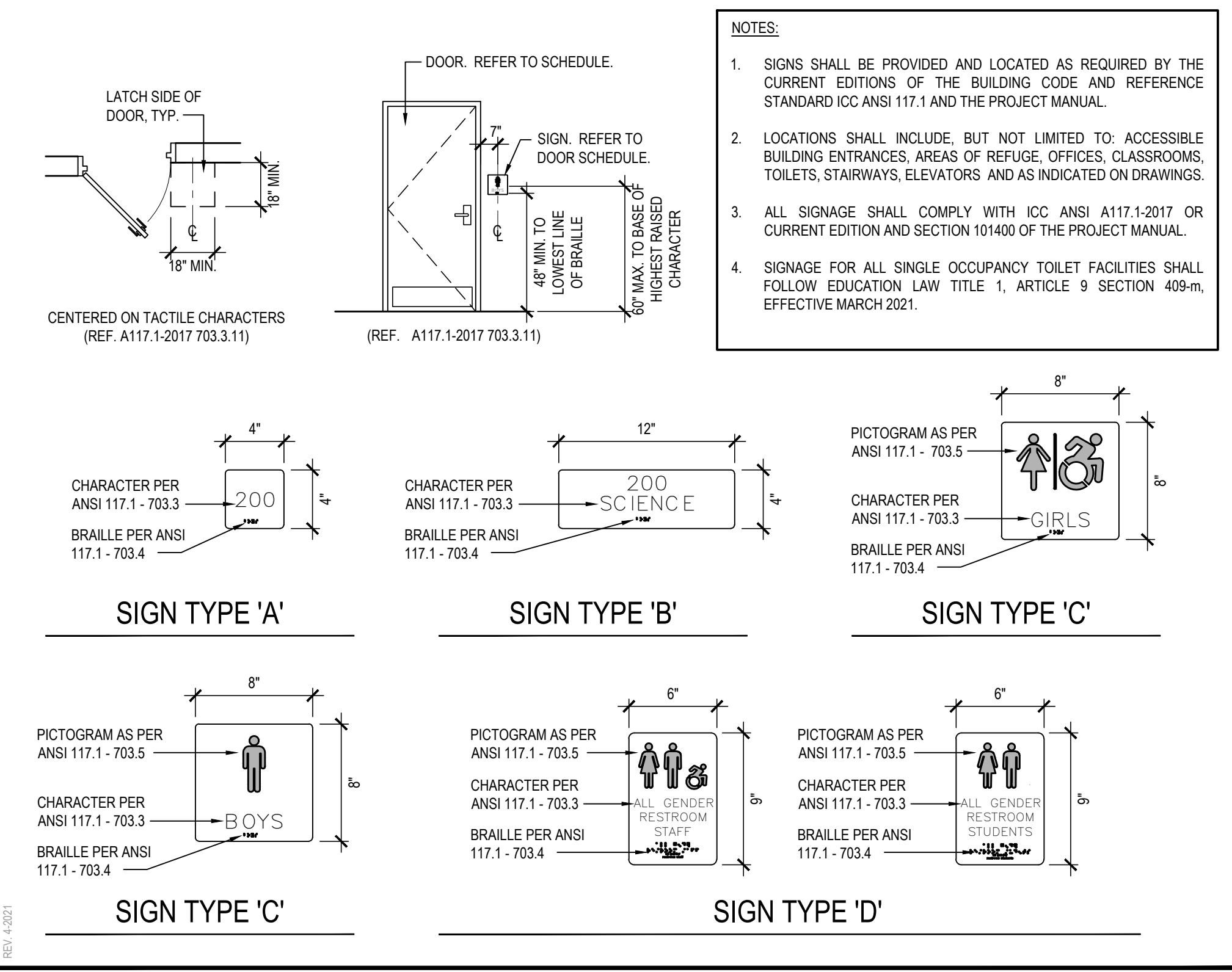


DOOR TYPE ELEVATIONS

NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL AND GLAZING TYPE (WHERE APPLICABLE).

SCALE: 1/4" = 1'-0"

TYPICAL ADA SIGNAGE DETAILS



ABBREVIATION LEGEND

ALUM.	ALUMINUM	S.F.	SECURITY FILM
S.C.L.C.O.V.	SOLID COMPOSITE LUMBER CORE OAK VENEER	SG-1	1/2" SHOOTER ATTACK GLAZING
M.C.O.V.	MINERAL CORE OAK VENEER	SG-2	1" INSULATED SHOOTER ATTACK GLAZING
S.C.L.C.M.V.	SOLID COMPOSITE LUMBER CORE MAPLE VENEER	SG-3	20 MIN. RATED SHOOTER ATTACK GLAZING
M.C.M.V.	MINERAL CORE MAPLE VENEER	SG-4	45 MIN. RATED SHOOTER ATTACK GLAZING
F.R.P.	FIBERGLASS REINFORCED POLYESTER	SG-5	60 MIN. RATED SHOOTER ATTACK GLAZING
H.M.	HOLLOW METAL	SG-6	90 MIN. RATED SHOOTER ATTACK GLAZING
F.G.	1/2" FIREGLASS 20	BRG-L1	LEVEL 1 BULLET RESISTANT GLAZING
F.L.P.	1/2" FIRE-LITE PLUS	BRG-L2	LEVEL 2 BULLET RESISTANT GLAZING
PYRO	PYROSTOP GLAZING	BRG-L3	LEVEL 3 BULLET RESISTANT GLAZING
INSUL.	1" INSULATED GLAZING	SGP-L1	LEVEL 1 BULLET RESISTANT SECURITY PANEL
S.L.	1/2" SAFETY LAMINATED GLAZING	SGP-L2	LEVEL 2 BULLET RESISTANT SECURITY PANEL
OBS.C.	OBSCURE GLAZING	SGP-L3	LEVEL 3 BULLET RESISTANT SECURITY PANEL
U.O.N.	UNLESS OTHERWISE NOTED	TEMP.	1/2" TEMPERED GLAZING

DOOR NOTES

- ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
- FIRE RATED WOOD DOORS (45 MIN. AND ABOVE ONLY) SHALL HAVE SOLID MINERAL CORE. ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE LUMBER CORE.
- FLUSH WOOD DOORS SHALL BE 5 PLY LAMINATED FACE SHEETS WITH 2 PLY FINISH VENEER OVER SPECIFIED CORE. AT FIRE RATED DOORS, TOP AND BOTTOM RAILS AND STILES SHALL BE FIRE RESISTANT COMPOSITION MATERIAL BONDED TO CORE. PROVIDE SOLID BLOCKING FOR CLOSER AND HARDWARE. REFER TO SPECIFICATION SECTION 081416.
- FLUSH WOOD DOORS AS MANUFACTURED BY 'YI INDUSTRIES' OR APPROVED EQUAL. SPECIES: SELECT WHITE MAPLE. COLOR: ALPINE. AL-18.
- ALL GLAZING IN DOORS SHALL BE INSTALLED IN METAL VISION KIT TO MATCH FIRE LABEL. VISION KIT COLOR SHALL BE AS SELECTED BY ARCHITECT. INTERIOR GLAZING TYPES AND SIZES SHALL CONFORM TO NFPA 80 AND/ASTM E119. WHERE SECURITY GLAZING IS INDICATED, VISION KIT SHALL BE THROUGH BOLT TYPE.
- ALL NEW H.M. FRAMES SHALL BE FULLY WEATHER WRAP AROUND TYPE (UNLESS OTHERWISE NOTED OR DETAILED). THROATS SHALL BE SIZED ACCORDING TO WALL THICKNESS AND FINISH. REFER TO FLOOR PLAN AND ENLARGED DETAILS FOR ADDITIONAL INFORMATION.
- FOR DOOR REPLACEMENTS IN KIND, GENERAL CONTRACTOR SHALL MODIFY AND PATCH EXISTING WOOD OR H.M. DOOR FRAMES (DESIGNATED TO REMAIN) TO ACCOMMODATE NEW DOOR OPERATOR, LOCKSET, LATCH, HINGES, DOOR SWING AND/OR CLOSER, ETC. AS REQUIRED FOR COMPLETE AND FUNCTIONAL OPERATION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING HEIGHT AND WIDTH OF PROPOSED DOORS TO BE INSTALLED IN EXISTING FRAMES (PRIOR TO SHOP DRAWING SUBMITTAL) TO ENSURE PROPER FIT AND DOOR FUNCTION.
- ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. REFER TO SPECIFICATION SECTION 099000 FOR PAINT TYPE. COLOR AS SELECTED BY ARCHITECT.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. COMPLIANT SIGNAGE AT ALL DOORS WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS. INSTALL IN CONFORMANCE WITH ALL ADA HEIGHT AND PLACEMENT REQUIREMENTS.
  - ▲ A. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL No. E-BTCLUST.
  - ▲ B. WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL No. E-BTCLUST.
  - ▲ C. WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT MULTI-USE TOILET ROOMS.
    - AT MULTI-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. X-5687 (WOMEN), X-5672 (MEN), X-7095 (BOYS), X-7096 (GIRLS).
    - AT MULTI-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. X-5688 (WOMEN), X-5671 (MEN), X-7108 (BOYS), X-7107 (GIRLS).
  - ▲ D. WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE-USE TOILET ROOMS.
    - AT SINGLE-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCLUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.
    - AT SINGLE-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL No. E-BTCLUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.
- MANUFACTURER: "ALLSTATE SIGN AND PLAQUE", DEER PARK, NY OR APPROVED EQUAL. ALL SIGNAGE SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL. COLOR AS SELECTED BY ARCHITECT.
- ALL REMOVABLE MULLIONS ARE TO BE KEPT ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
- AUTOMATIC DOOR OPERATORS - THE ELECTRICAL CONTRACTOR SHALL PROVIDE A LINE VOLTAGE CIRCUIT TO THE AUTO OPERATOR. LOCATION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WIRING ASSOCIATED WITH AUTOMATIC DOOR OPERATORS, INCLUDING ELECTRONIC STRIKE, PUSH BUTTONS, TRANSFORMERS AND ANY OTHER DEVICES REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
- FIRE RATED GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.

STOREFRONT ENTRANCE and FRAMING NOTES

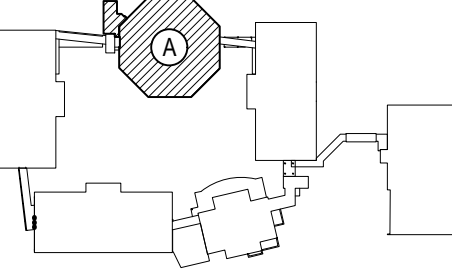
- REFER TO CODE COMPLIANCE DRAWINGS FOR WIND LOAD DESIGN CRITERIA.
- ALL EXTERIOR STOREFRONT, CURTAIN WALL AND EXTERIOR DOOR GLAZING SHALL BE 1" DIRECT GLAZED AS INDICATED UNLESS OTHERWISE NOTED. REFER TO PROJECT MANUAL FOR GLAZING TYPE AND CONFIGURATION.
- ALL STOREFRONT AND CURTAIN WALL FRAMING MEMBERS SHALL BE FACTORY FINISHED. COLOR AS SELECTED BY ARCHITECT.
- REFER TO WALL SECTIONS FOR STOREFRONT / CURTAIN WALL CONFIGURATION, ADJACENT CONDITIONS AND MATERIALS, AND TO ASSIST IN DETERMINING FASTENING LOCATIONS. STOREFRONT AND CURTAIN WALL SYSTEM SHALL BE SECURED TO STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS TO MEET N.E.S. WIND LOAD REQUIREMENTS.
- G.C. SHALL COORDINATE STOREFRONT / CURTAIN WALL OPENING LOCATIONS / QUANTITIES WITH FLOOR PLAN, ELEVATIONS, AND SCHEDULE.
- G.C. SHALL SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO SHOW COMPLIANCE WITH WIND PRESSURE LOADING, DEFLECTION AND MOVEMENT REQUIREMENTS. FRAME DEPTH 4 1/2". MAX. FRAME DEPTH 6" (U.O.N.).
- EXTERIOR STOREFRONT FRAMING SYSTEM SHALL BE 40" x 2" TRIFAB 451-T BY KAWNEER. INTERIOR STOREFRONT FRAMING SYSTEM SHALL BE 40" x 2" TRIFAB 451-T BY KAWNEER UNLESS OTHERWISE NOTED OR ARCHITECT APPROVED EQUAL.
- G.C. SHALL COORDINATE WIRING AND HARDWARE PREPARATION OF ELECTRONIC DOOR CONTROLS WITH E.C. FOR COMPLETE AND FUNCTIONAL OPERATION.

SECURITY GLAZING and PANEL NOTES

- SECURITY FILM (SF) SHALL BE SCOTCHSHIELD ULTRA 8801 SAFETY AND SECURITY FILM AS MANUFACTURED BY 3M OR ARCHITECT APPROVED EQUAL. LOCATIONS AS INDICATED ON THE DRAWINGS.
- SECURITY GLAZING (SG) AS MANUFACTURED BY 'ARMOURD ONE' OR ARCHITECT APPROVED EQUAL SHALL BE FROM THE FOLLOWING LIST. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS. STRUCTURAL ADHESIVE SHALL BE USED TO BOND THE GLAZING TO THE VISION KIT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INSTALLED SO FILM IS ON THE INBOARD (PROTECTED) SIDE.
  - SG-1: 1/2" SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS0516L
  - SG-2: 1" INSULATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS01
  - SG-3: 20 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS0516FR
  - SG-4: 45 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS0516FR
  - SG-5: 60 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS0516FR
  - SG-6: 90 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL No. AOTS0516FR
- BULLET RESISTANT GLAZING (BRG) LEVEL 1, 2 OR 3 AS MANUFACTURED BY 'PATRIOT ARMOR' OR ARCHITECT APPROVED EQUAL SHALL BE FROM THE FOLLOWING LIST. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS.
  - BRG-L1: PAS 1000 1 1/2"
  - BRG-L2: PAS 002 US 1"
  - BRG-L3: PAS 003 US 1 1/2"
- SECURITY GLAZING PANEL (SGP) SHALL BE LEVEL 1, 2 OR 3 BULLET RESISTANT COMPOSITE PANEL AS MANUFACTURED BY 'MAPES ARCHITECTURAL PANELS' OR ARCHITECT APPROVED EQUAL. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS.
  - SGP-L1: LEVEL 1 COMPOSITE PANEL
    - THREAT SIDE
      - LAYER 1: 1/2" HEAT STRENGTHENED GLASS
      - LAYER 2: .05" URETHANE
      - LAYER 3: 1/2" POLYCARBONATE
      - LAYER 4: .05" URETHANE
      - LAYER 5: 1/2" POLYCARBONATE
      - LAYER 6: .05" URETHANE
      - LAYER 7: 1/2" ANNEALED GLASS
    - SAFE SIDE
      - LAYER 1: 1/2" ANNEALED GLASS
      - LAYER 2: .05" URETHANE
      - LAYER 3: 1/2" POLYCARBONATE
      - LAYER 4: .05" URETHANE
      - LAYER 5: 1/2" POLYCARBONATE
      - LAYER 6: .05" URETHANE
      - LAYER 7: 1/2" ANNEALED GLASS
  - SGP-L2: LEVEL 2 COMPOSITE PANEL
    - THREAT SIDE
      - LAYER 1: 1/2" ANNEALED GLASS
      - LAYER 2: .05" URETHANE
      - LAYER 3: 1/2" ANNEALED GLASS
      - LAYER 4: .05" URETHANE
      - LAYER 5: 1/2" POLYCARBONATE
      - LAYER 6: .05" URETHANE
      - LAYER 7: 1/2" ANNEALED GLASS
    - SAFE SIDE
      - LAYER 1: 1/2" ANNEALED GLASS
      - LAYER 2: .05" URETHANE
      - LAYER 3: 1/2" POLYCARBONATE
      - LAYER 4: .05" URETHANE
      - LAYER 5: 1/2" POLYCARBONATE
      - LAYER 6: .05" URETHANE
      - LAYER 7: 1/2" ANNEALED GLASS
  - SGP-L3: LEVEL 3 COMPOSITE PANEL
    - THREAT SIDE
      - LAYER 1: .032" ALUMINUM EXTERIOR SKIN
      - LAYER 2: .4MM CEMENT BOARD
      - LAYER 3: .25" BALLISTIC OPAQUE FIBERGLASS
      - LAYER 4: .50" TYPE 'X' GYPSUM BOARD
      - LAYER 5: .032" ALUMINUM INTERIOR SKIN
    - SAFE SIDE
      - LAYER 1: .032" ALUMINUM EXTERIOR SKIN
      - LAYER 2: .4MM CEMENT BOARD
      - LAYER 3: .25" BALLISTIC OPAQUE FIBERGLASS
      - LAYER 4: .50" TYPE 'X' GYPSUM BOARD
      - LAYER 5: .032" ALUMINUM INTERIOR SKIN
- NOTE: SKIN FINISH SHALL BE STANDARD KYNAR ON ALUMINUM (INTERIOR AND EXTERIOR)

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DRAWING BY: ---  
CHECK BY: ---

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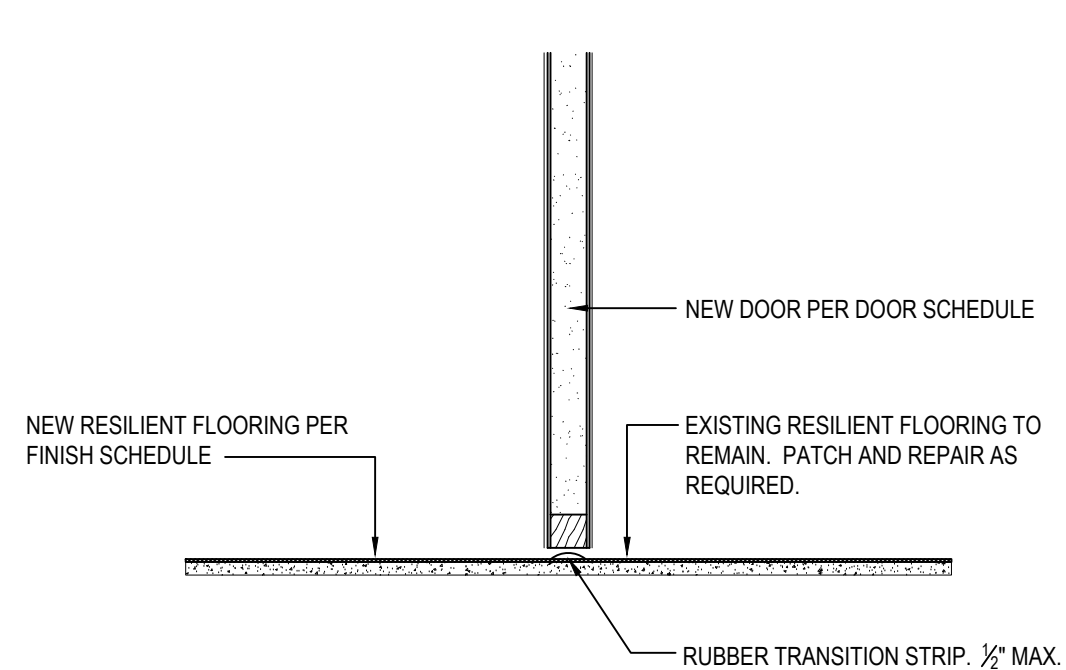
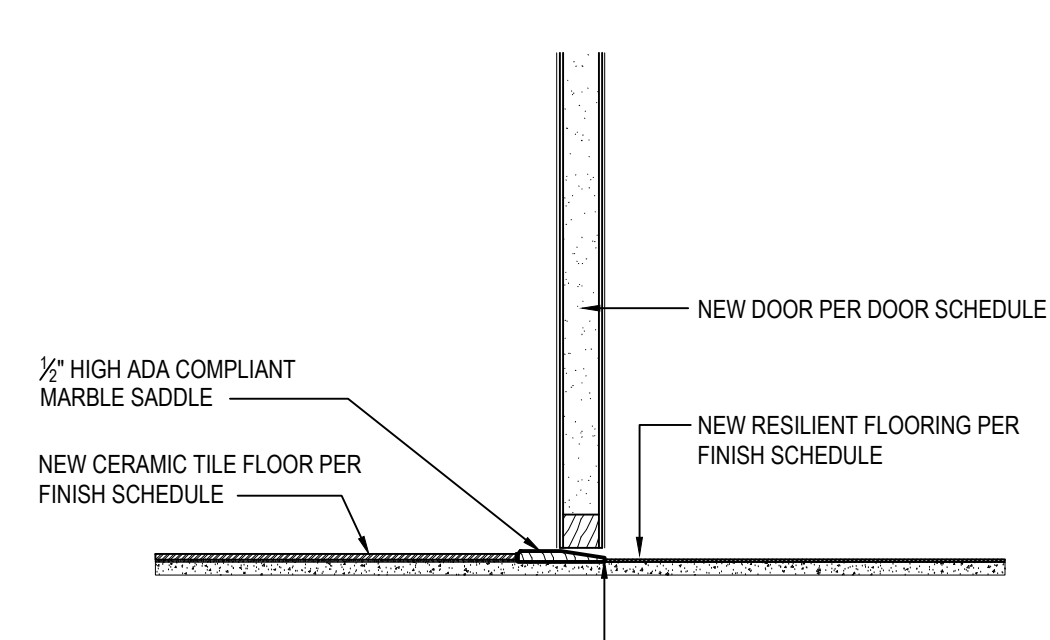
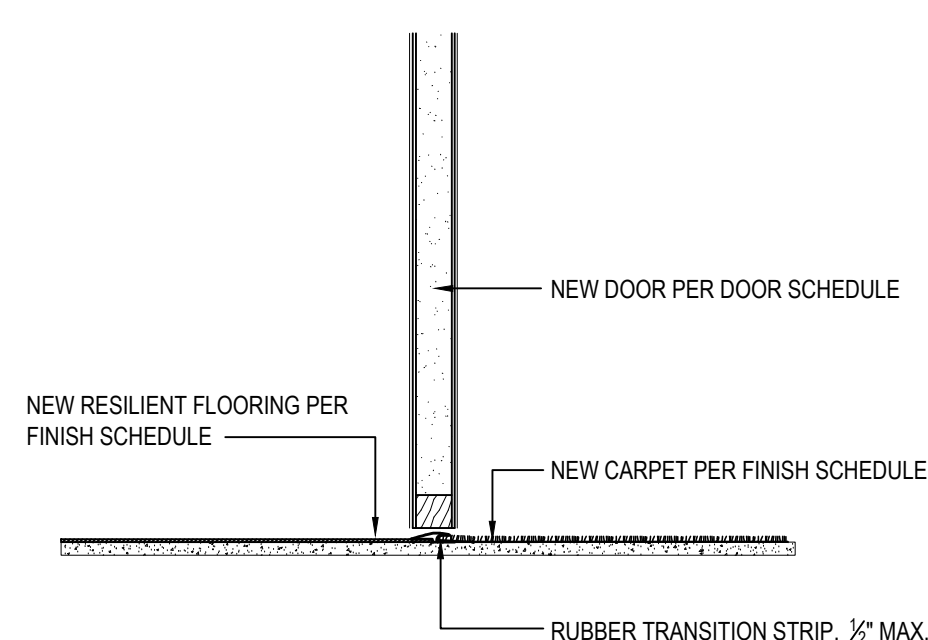
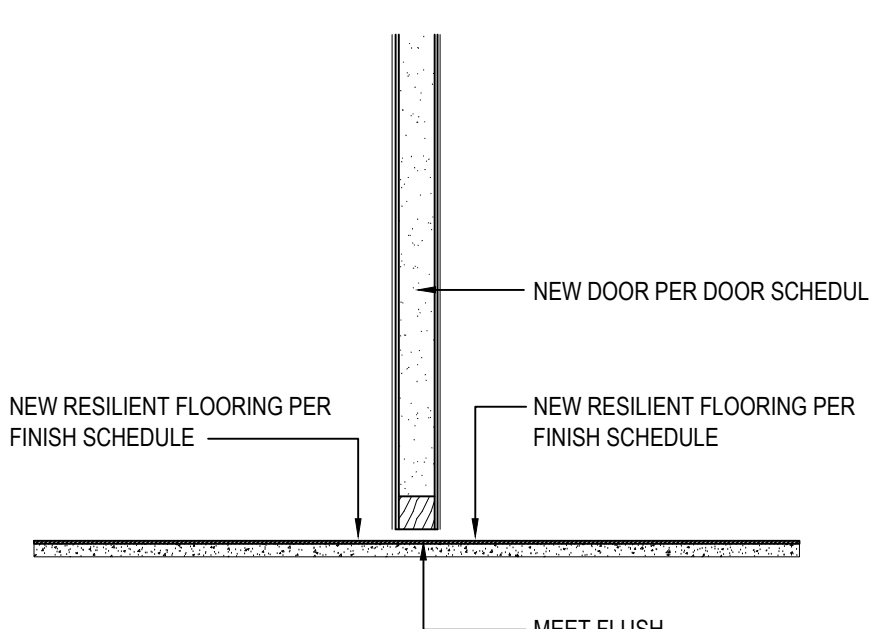
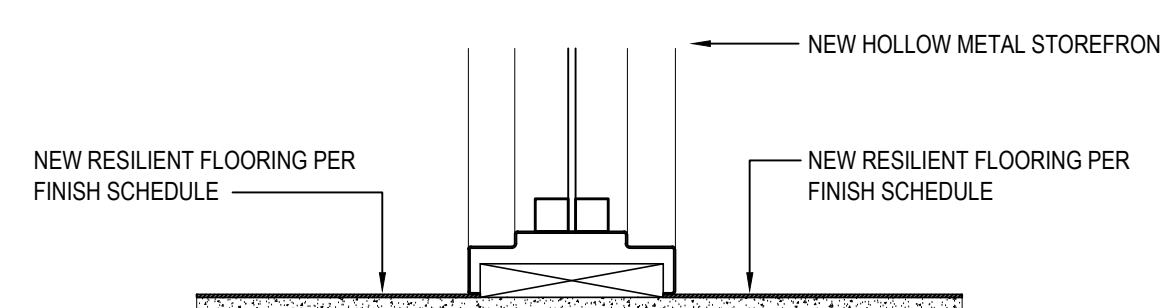
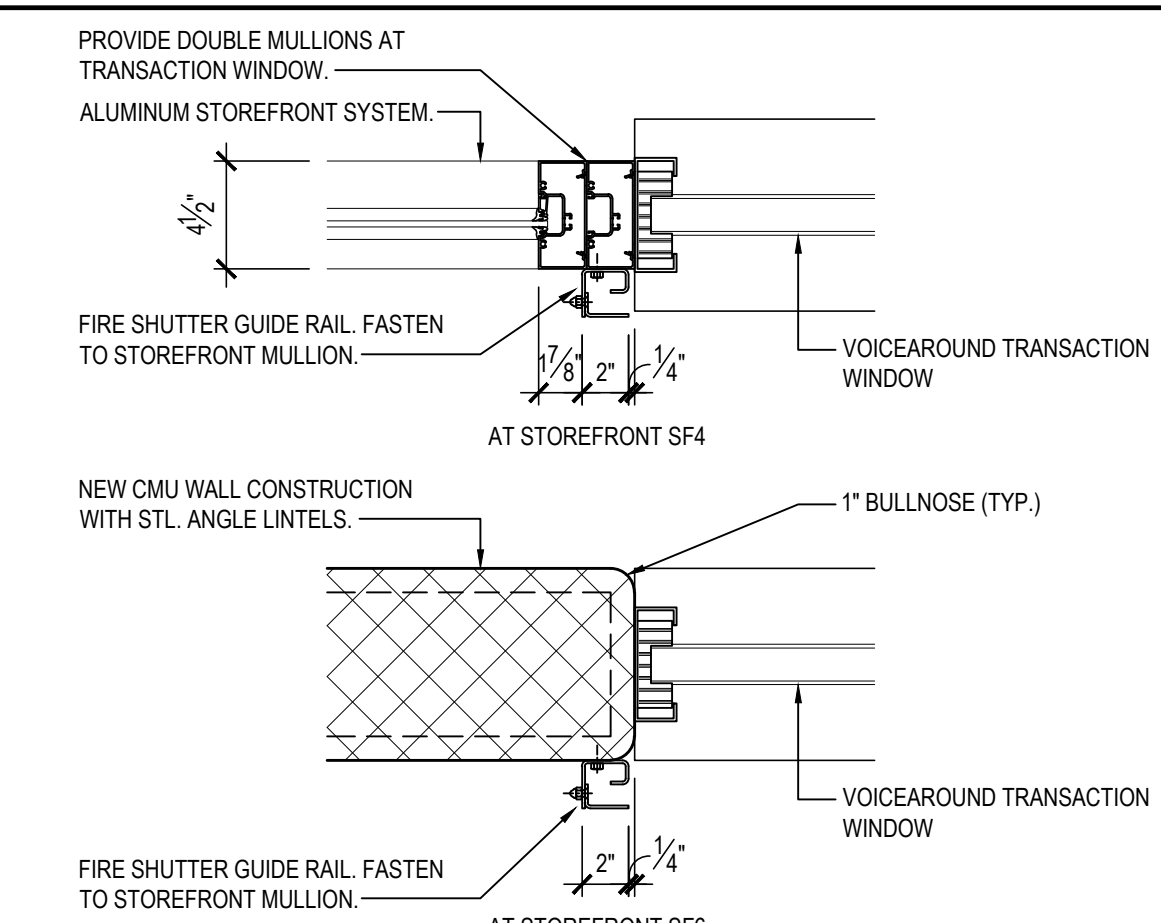
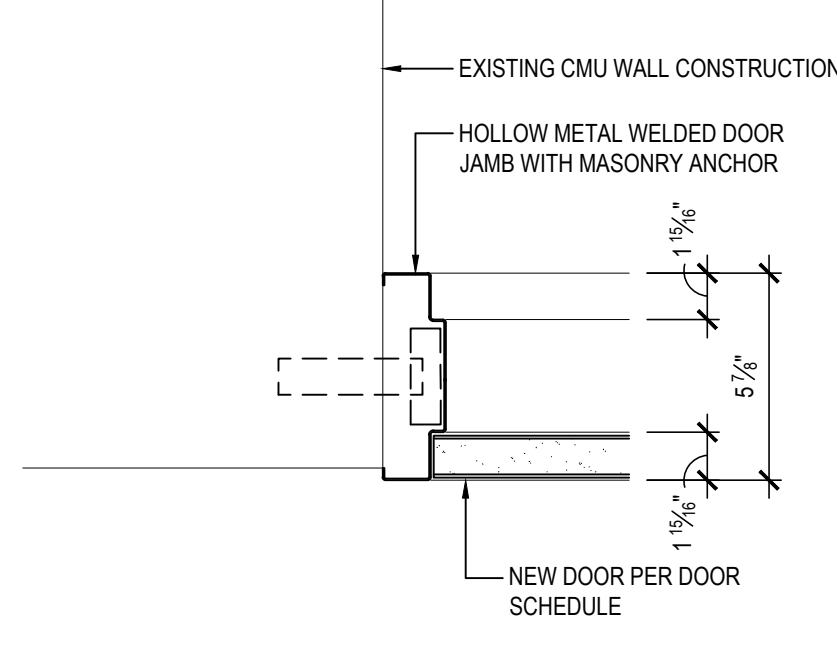
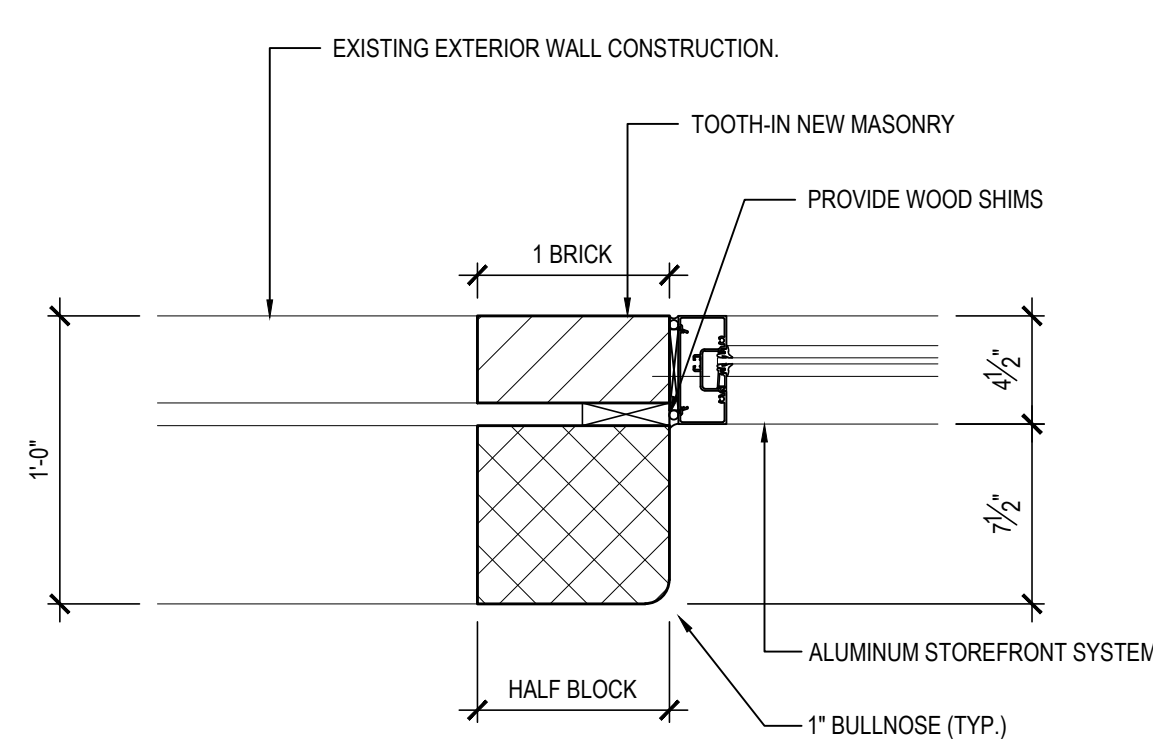
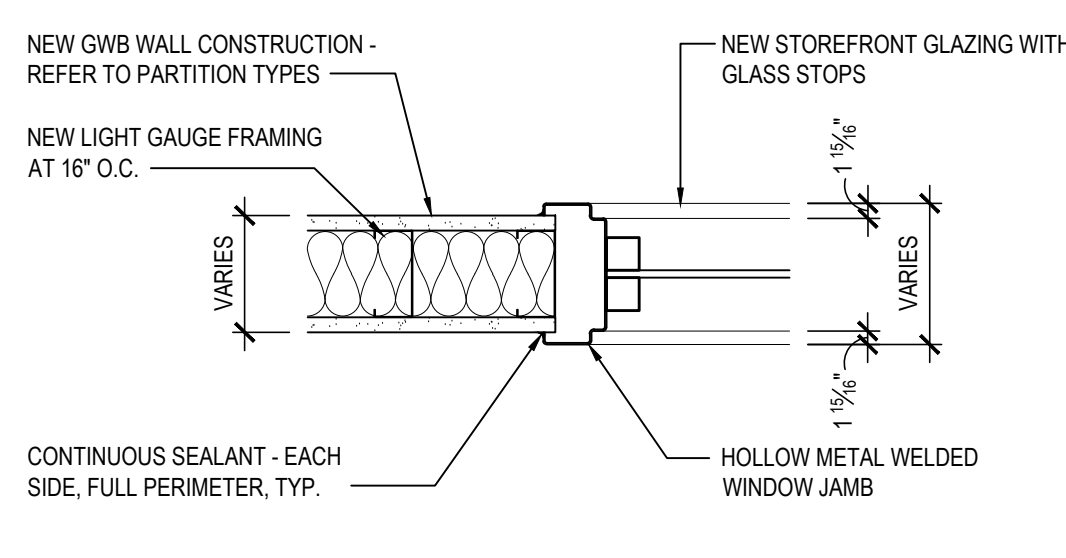
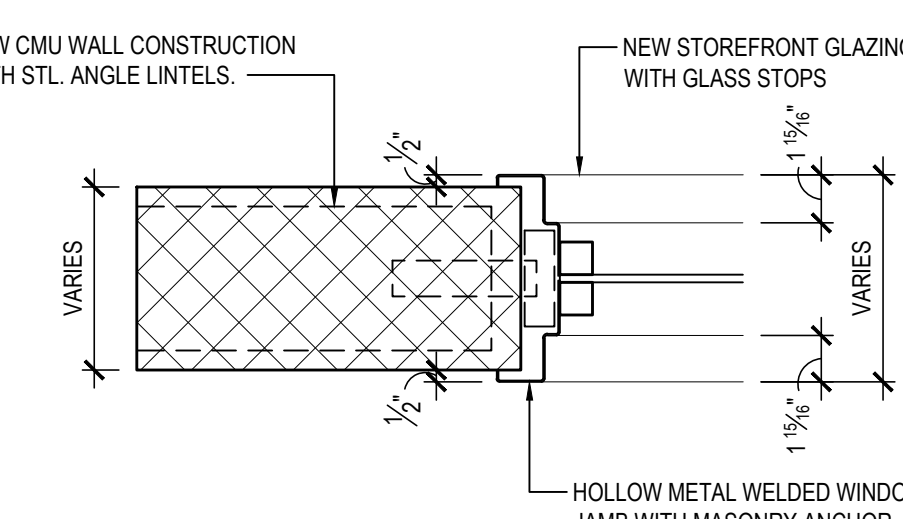
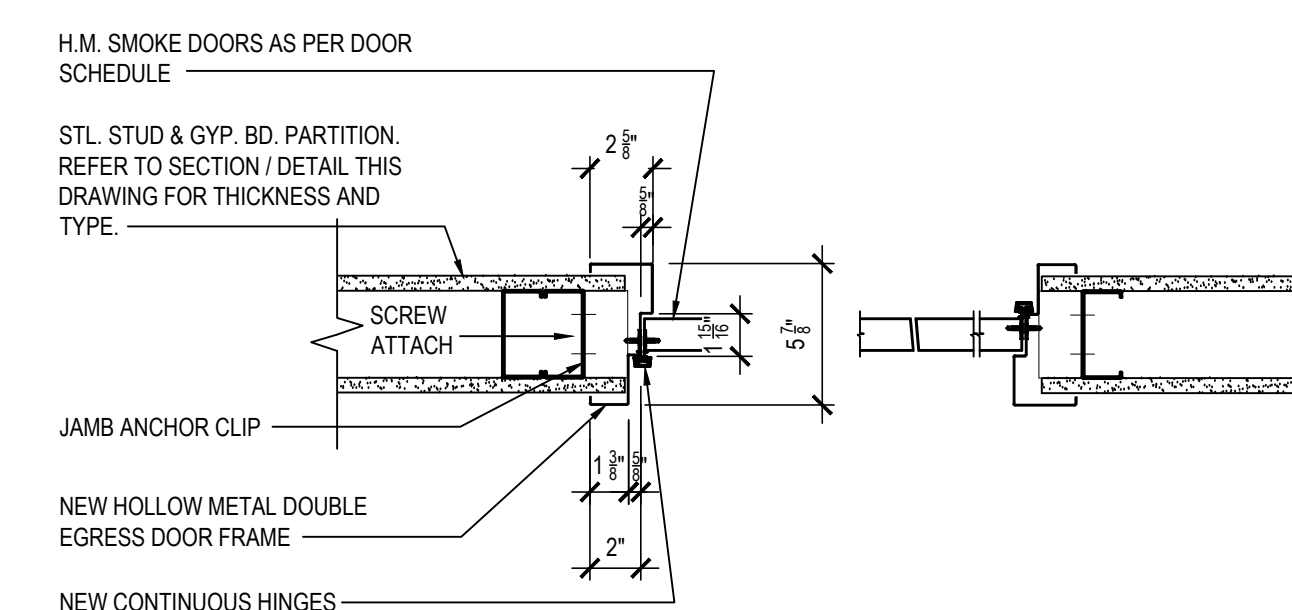
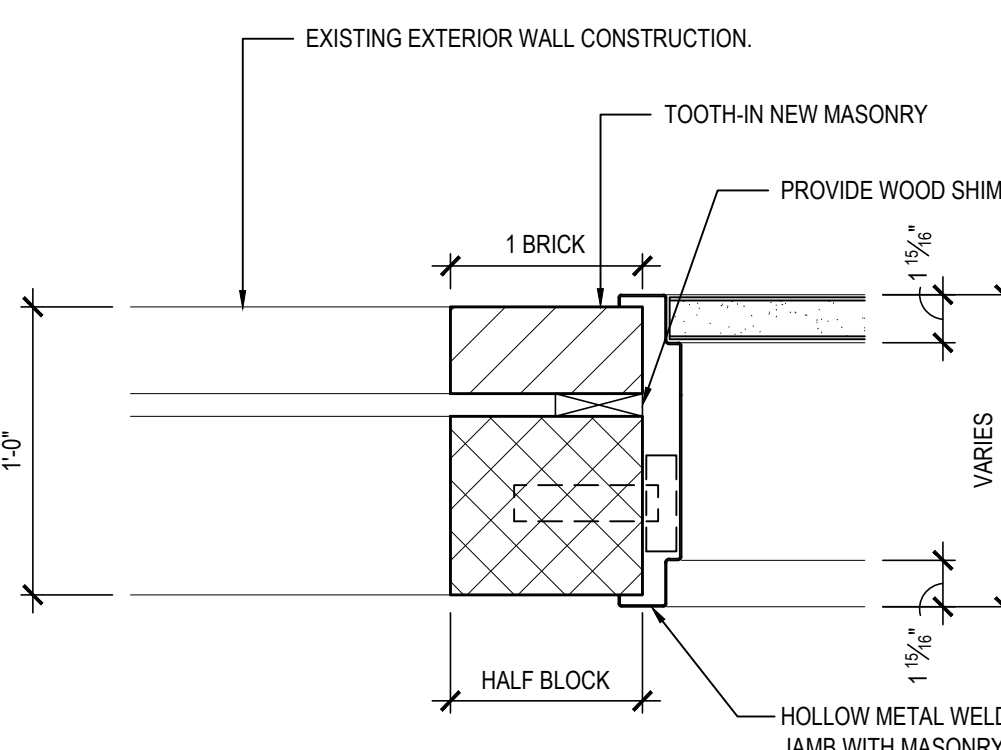
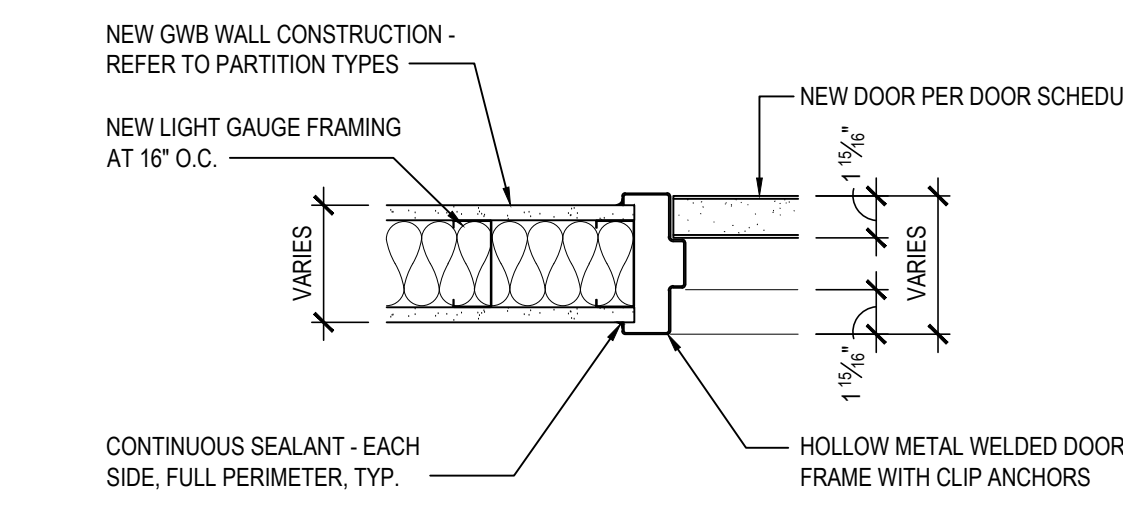
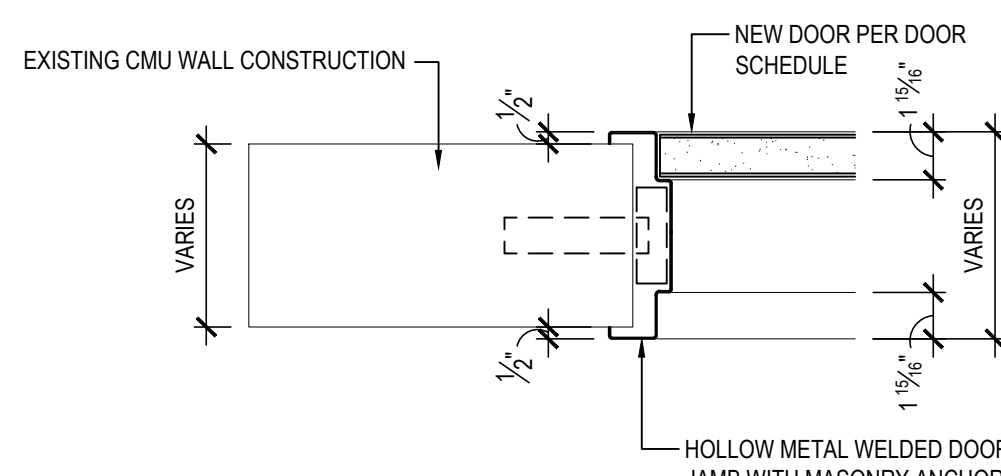
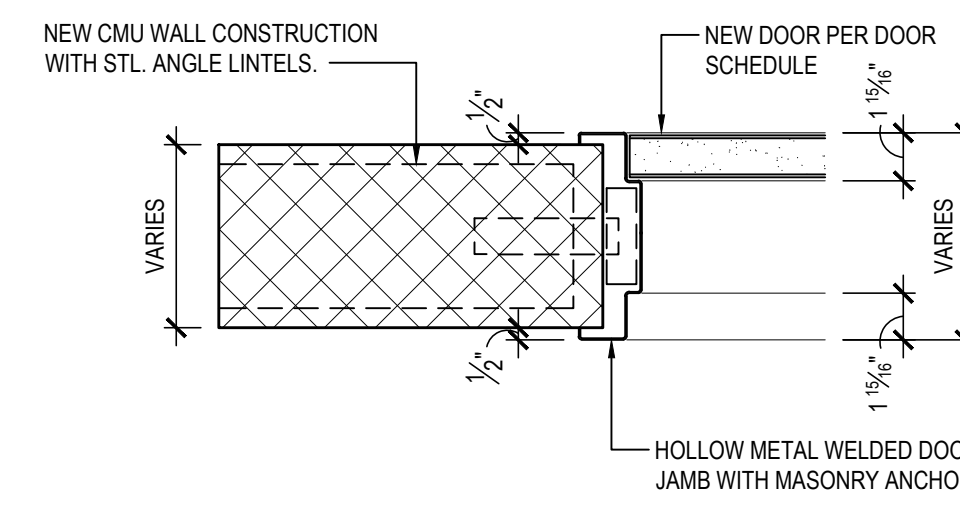
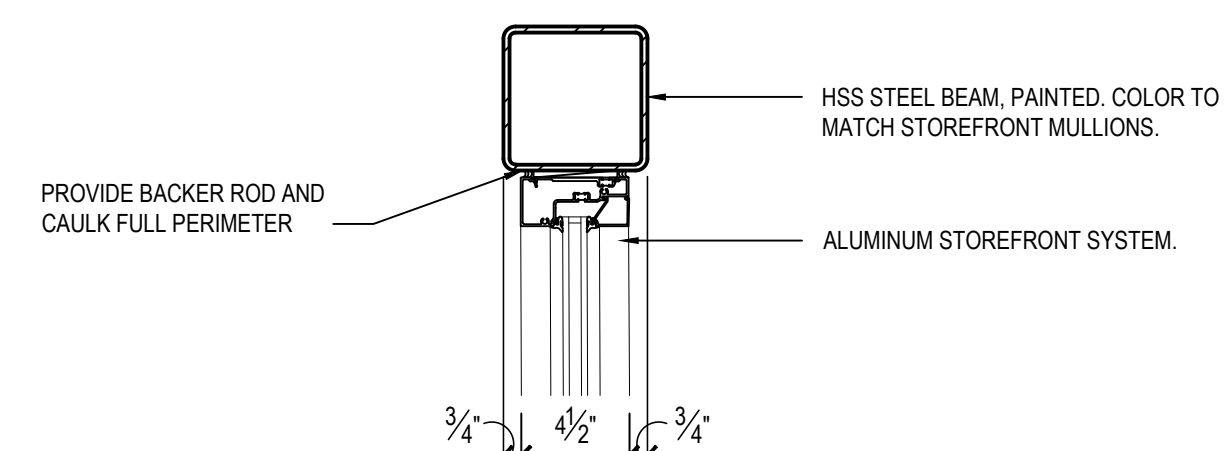
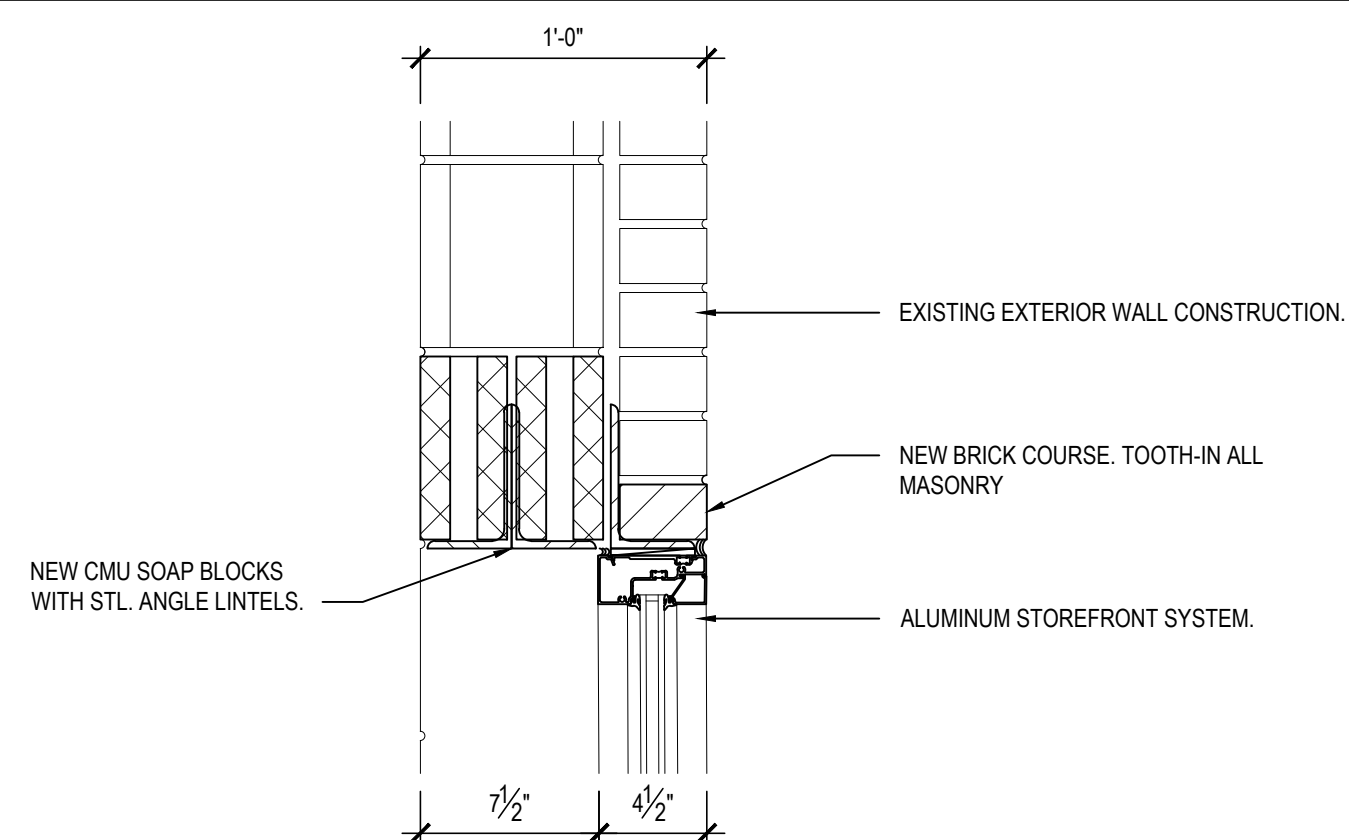
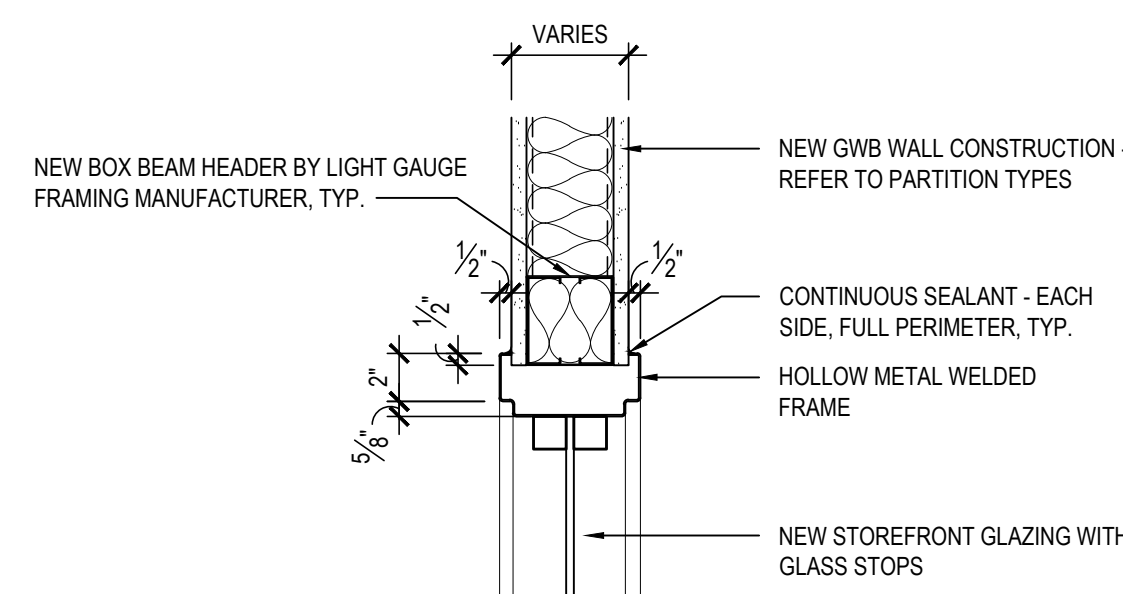
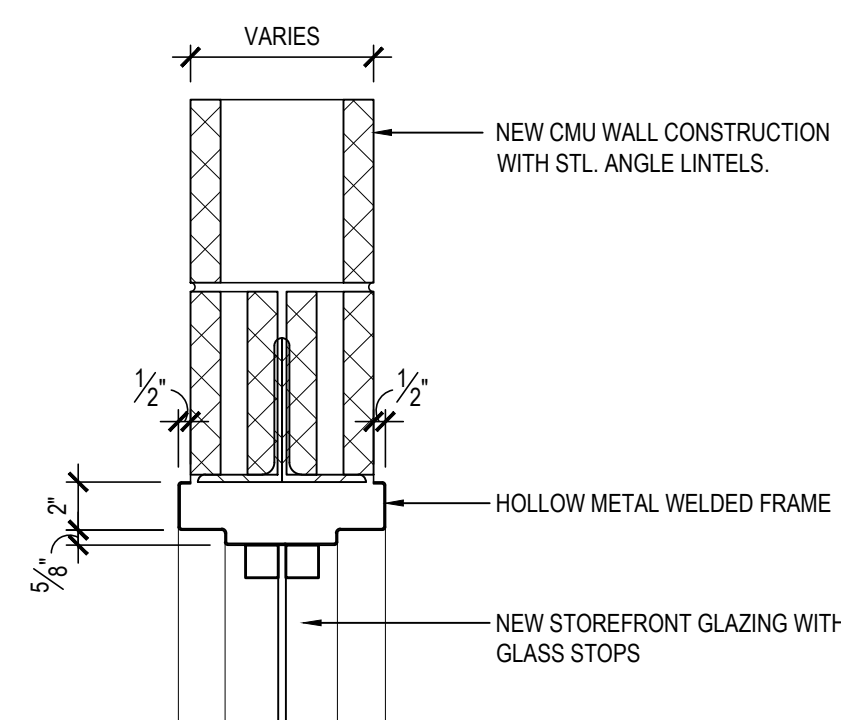
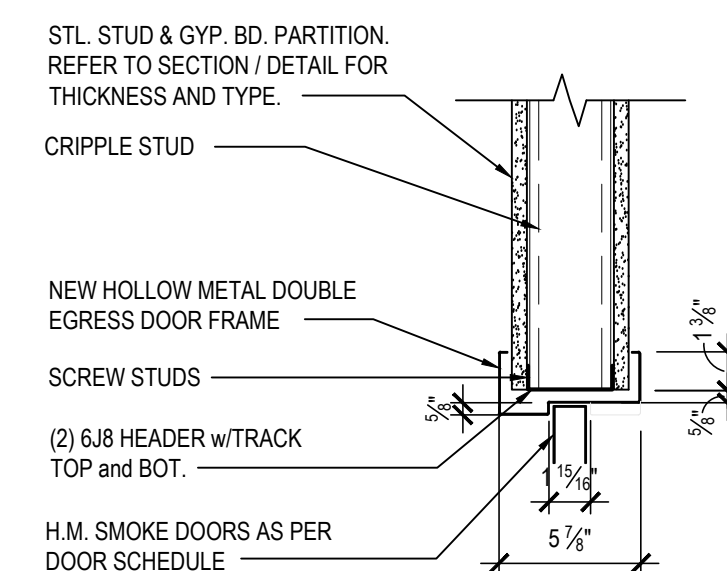
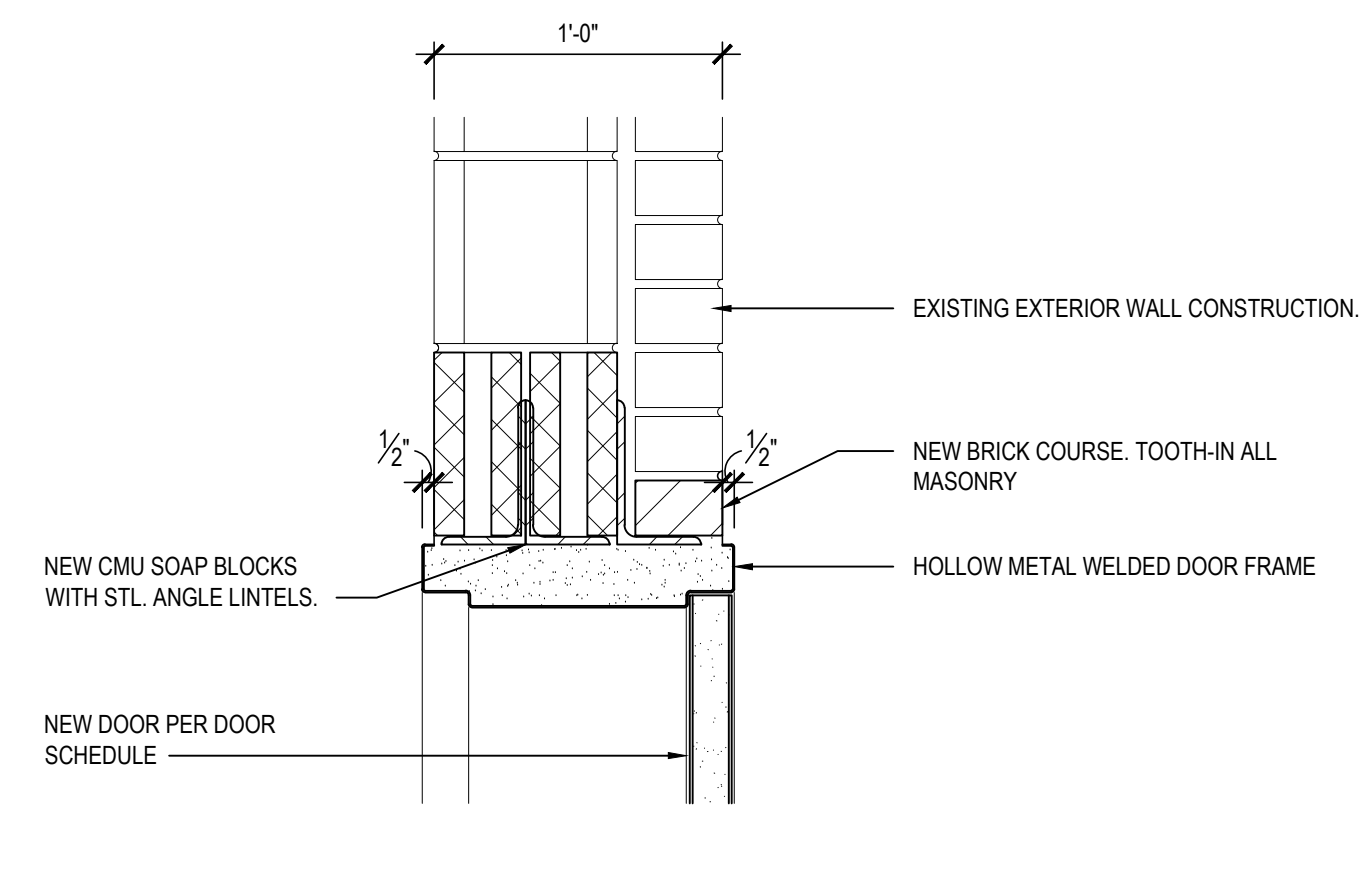
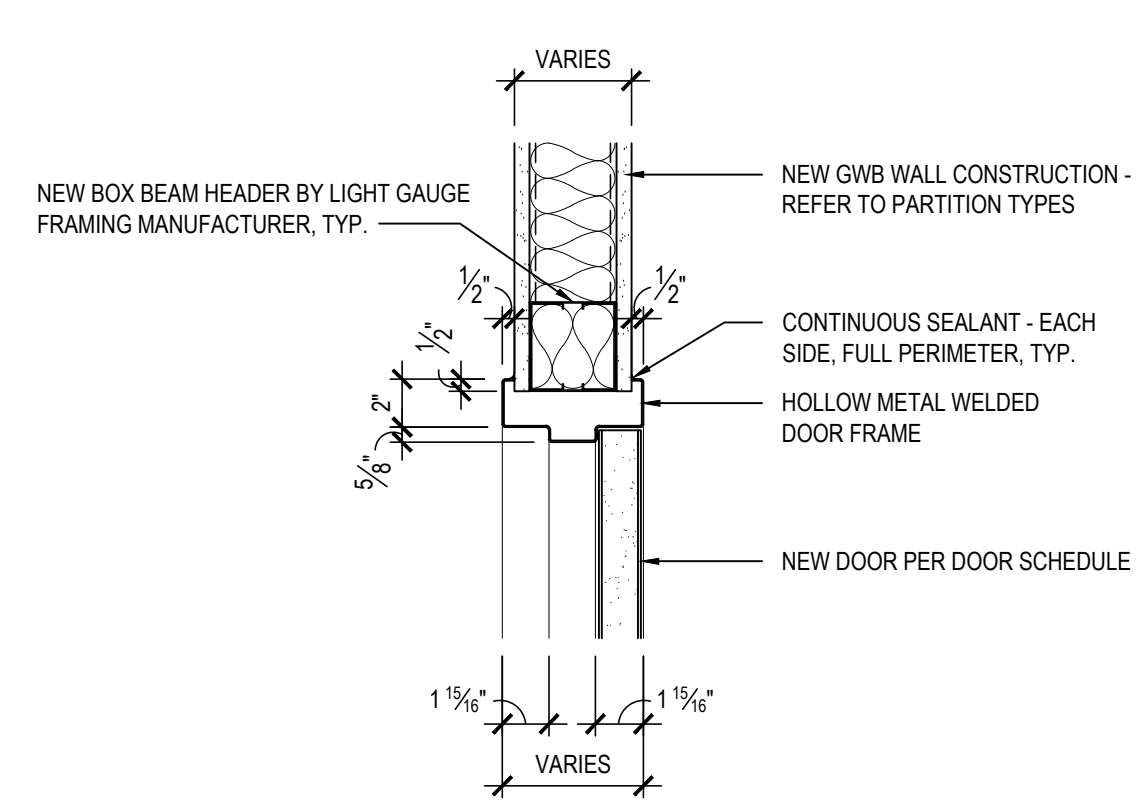
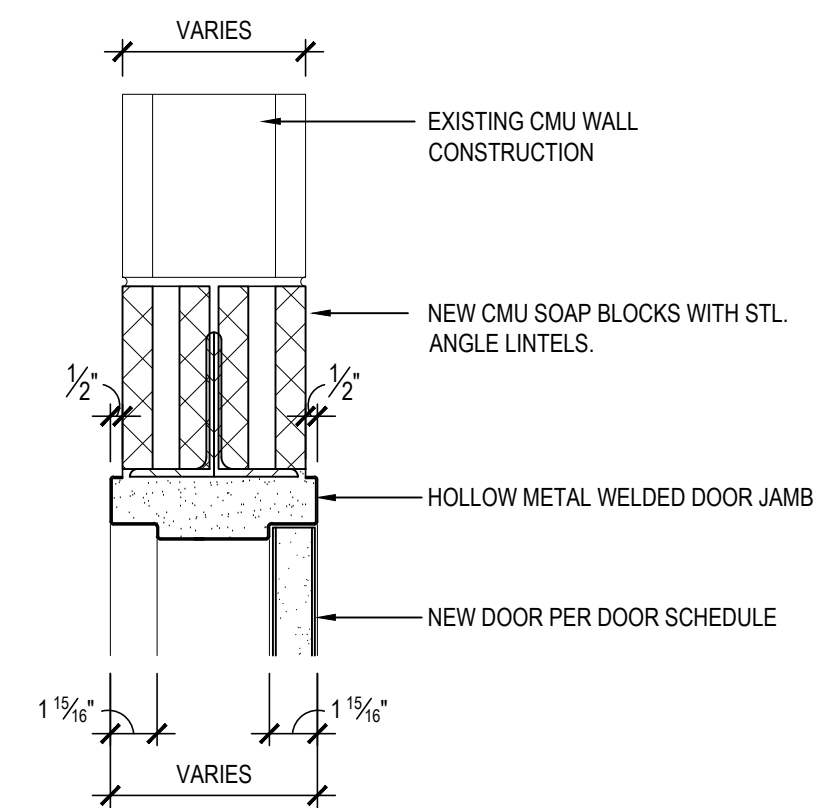
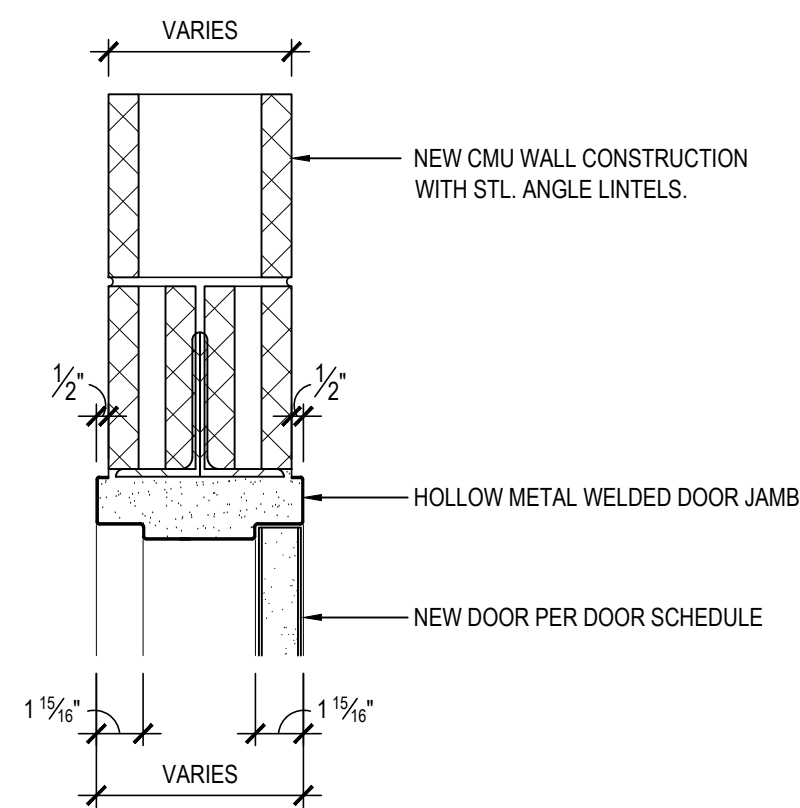
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: DOOR SCHEDULE and ELEVATIONS  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-1316 FLMS

A8.01

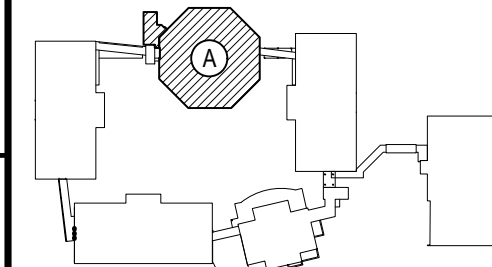




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### KEY PLAN

**BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY**

## DOOR DETAILS

DRAWING BY:	E.M.
CHECK BY:	P.J.H.

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SED No.	66-01-02-06-0-007-013	
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT	
PROJECT	PHASE 2 - BOND IMPROVEMENTS	
DWG TITLE	DOOR DETAILS	
SCALE:	AS NOTED	
DATE:	APRIL 2024	
BID PICK-UP:	FEBRUARY 24, 2025	
FILE No:	23-131b	FLMS

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[illegible]

## PAINT TYPES

TYPE P1:	PANT BY SHERWIN WILLIAMS: LATEX EGGSHELL ENAMEL FINISH COLOR: TO BE SELECTED BY ARCHITECT (CORRIDORS & GENERAL)
TYPE P2:	PANT BY SHERWIN WILLIAMS: LATEX EGGSHELL ENAMEL FINISH COLOR: TO BE SELECTED BY ARCHITECT (WHITE)
TYPE P3:	PANT BY SHERWIN WILLIAMS: LATEX EGGSHELL ENAMEL FINISH COLOR: TO BE SELECTED BY ARCHITECT (MEDIUM GREY)
TYPE P4:	PANT BY SHERWIN WILLIAMS: LATEX EGGSHELL ENAMEL FINISH COLOR: TO BE SELECTED BY ARCHITECT (RED)
TYPE P5:	PANT BY SHERWIN WILLIAMS: DTM ALKOYD SEMI-GLOSS ENAMEL COLOR: TO BE SELECTED BY ARCHITECT (HM DOOR FRAMES-BLACK)
TYPE P6:	PANT BY SHERWIN WILLIAMS: DTM ALKOYD SEMI-GLOSS ENAMEL COLOR: TO BE SELECTED BY ARCHITECT (HM DOOR FRAMES-GRAY)
TYPE P7:	PANT BY SHERWIN WILLIAMS: LATEX FLAT ENAMEL FINISH COLOR: WHITE (GY. BO SOFFIT AND CEILING)

CEILING TYPES	
TYPE ACT1:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: #1910 ULTIMA SQUARE LAY-IN (CLASSROOMS, OFFICES, CORRIDORS)
TYPE ACT2:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 7/8" NRC RATING .80 STYLE: #H45 ULTIMA HEALTH ZONE HIGH NRC, SQUARE LAY IN (TOILET ROOMS)
TYPE ACT3:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 1", NRC/RATING .95 STYLE: #3550 OPTIMA SQUARE REGULAR (MUSIC ROOMS, PRACTICE ROOMS)
TYPE ACT4:	1" THICK TECTUM DIRECT ATTACH HIGH NRC, CEILING PANELS AS MANUFACTURED BY "ARMSTRONGS"-SHORT EDGES SQUARE; SIZE: 12"W X LENGTH VARIANTS- REFER TO A10.01 PANEL SIZES CAN EITHER BE MADE TO-ORDER OR FIELD CUT COLOR: RED
TYPE ACT5:	GYPSUM WALLBOARD, SQUARE EDGE LAY-IN SIZE: 2'X2'X5/8" PRIME & PAINT WALLBOARD BM READY-MIX WHITE PRIMER: 2X2X3/8"
CEILING GRID BY "ARMSTRONG", 15'x15' PRELUD, U.O.N	
NOTE: ALL CEILING TILE & GRID TO BE STANDARD WHITE UNLESS OTHERWISE NOTED.	

RUBBER BASE TYPES	
TYPE RCB1:	4" RUBBER COVE BASE BY "JOHNSONITE" COLOR: TO BE SELECTED BY ARCHITECT
TYPE RCB2:	4" RUBBER COVE BASE BY "JOHNSONITE" COLOR: TO BE SELECTED BY ARCHITECT
TYPE RCB3:	4" RUBBER COVE BASE BY "JOHNSONITE" COLOR: BLACK

PORCELAIN/CERAMIC/QUARRY TILE TYPES	
FLOORS:	
TYPE PFT1:	12" X 12" PORCELAIN FLOOR TILE BY DALTILE STYLE: HARMONIST COLOR: TO BE SELECTED BY ARCHITECT (BATHROOM FLOOR TILE)
WALLS:	
TYPE CWT1:	3" X 6" CERAMIC WALL TILE BY DALTILE STYLE: CLASSIC COLOR WHEEL COLOR: TO BE SELECTED BY ARCHITECT (BATHROOM WALL FLOOR TILE)
TYPE CWT2:	6" ACCENT BAND 1" X 1" AMERICAN OLEAN COLOR APPEAL GLASS MOSAICS COLOR: TO BE SELECTED BY ARCHITECT (BATHROOM WALL ACCENT TILE)
COVE BASE:	
TYPE CTCB1:	3" X 6" CERAMIC TILE FLAT TOP COVE BASE BY DALTILE STYLE: COLOR WHEEL A301 COLOR: TO BE SELECTED BY ARCHITECT (BATHROOM COVE BASE)
SCHLUTER TRANSITIONS:	
TYPE SCH1:	PROVIDE SCHLUTER DILEX-AHKH SANITARY COVE TRANSITION, INCLUDE ALL INSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED ALUMINUM FINISH (COVE BASE)
TYPE SCH2:	PROVIDE SCHLUTER DILEX-AHKA COVE TRANSITION, INCLUDE ALL INSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED ALUMINUM FINISH (COVE BASE)
TYPE SCH3:	PROVIDE SCHLUTER JOLLY AT TOP COURSE OF TILE, INCLUDE ALL OUTSIDE CORNERS, CONNECTORS AND END CAPS AS REQUIRED BY LAYOUT. ANODIZED ALUMINUM FINISH

GROUT TYPES	
FLOOR GROUT:	AS MANUFACTURED BY LATICRETE OR MAPEI, SANDED, COLOR: TO BE SELECTED BY ARCHITECT
WALL GROUT:	AS MANUFACTURED BY LATICRETE OR MAPEI, UNSANDED, COLOR: TO BE SELECTED BY ARCHITECT

ABBREVIATIONS			
ACT	ACOUSTIC CEILING TILE	VET	VINYL ENHANCED TILE
CTILE	CARPET TILE	LVT	LUXURY VINYL TILE
PFT	PORCELAIN FLOOR TILE	GYP	GYPSUM BOARD
CMU	CONCRETE MASONRY UNIT	RUB	RUBBER FLOOR TILE
CTCB	CERAMIC TILE COVE BASE	RCB	RUBBER COVE BASE
CWT	CERAMIC WALL TILE	TERR	TERRAZZO / TERRAZZO BASE
EPOXY	EPOXY TERRAZZO	VCT	VINYL COMPOSITION TILE

## FINISH NOTES

1. ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
2. ALL C.M.U. SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE PRIOR TO FINISH PAINT APPLICATION.
3. ALL NEW BRICK WALLS ARE TO REMAIN NATURAL, CLEANED AND SEALED, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. CONTRACTOR SHALL PREP, PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
5. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS, BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
6. REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
7. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE 'CLASS -A' RATED.
8. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR AT POINTS OF DEMOLITION TO MATCH EXISTING. EXISTING FINISHES TO REMAIN.
9. SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, THE CONTRACTOR MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
10. AT ROOMS HAVING EXISTING FLOOR TILE TO BE REMOVED AND / OR ABATED, CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLAN/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND / OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SPECIFIED FOR INSTALLATION OF FINISH FLOORING AS SPECIFIED ON FINISH SCHEDULE.
11. HOLLOW METAL DOOR FRAMES, SIDE LIGHTS AND WINDOW FRAMES SHALL BE PREPARED AND PAINTED AS PER PAINTING SPECIFICATION 095000. (ALL COLORS AS SELECTED BY ARCHITECT.)
12. CONTRACTOR SHALL PREP, PRIME AND PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED.
13. REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED AND TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX AND PERCENTAGES AS INDICATED IN THE PROJECT MANUAL.
14. ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
15. REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION.
16. NEW TOILET AND URINAL PARTITIONS SHALL BE 1" THICK HDPE AS MANUFACTURED BY SCRANTON, ASI GLOBAL PARTITIONS, OR APPROVED EQUAL. (COLOR AND FINISH TO BE SELECTED BY ARCHITECT).

## GYPSUM BOARD FINISHING

1. GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 "RECOMMENDED LEVELS OF GYPSUM BOARD FINISH AND SPECIFICATION SECTION 092900.

A. LEVEL 0 - FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.

B. LEVEL 1 - FOR USE AT PLENUM AREAS, ABOVE CEILING, IN ATTICS & IN AREAS WHERE THE ASSEMBLY WOULD GENERALLY BE CONCEALED OR IN BUILDING CORRIDORS & OTHER AREAS NOT NORMALLY OPEN TO THE PUBLIC VIEW.

C. LEVEL 2 - FOR USE AT LOCATIONS WHERE WATER-RESISTANT GYPSUM BOARDING IS INSTALLED AS A TILE SUBSTRATE AND FOR USE IN GARAGES, WAREHOUSE STORAGE OR OTHER SIMILAR AREAS WHERE SURFACE APPEARANCES ARE NOT OF PRIMARY CONCERN.

D. LEVEL 3 - FOR USE IN APPEARANCE AREAS THAT ARE TO RECEIVE HEAVY OR MEDIUM TEXTURE FINISHES BEFORE FINAL PAINTING, OR WHERE HEAVY - GRADE WALL COVERINGS ARE TO BE APPLIED AS THE FINAL DECORATION.

E. LEVEL 4 - FOR USE WHERE LIGHT, SEMI-OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.

F. LEVEL 5 - FOR USE WHERE GLOSS, SEMI-GLOSS, ENAMEL OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED, OR WHERE SEVERE LIGHTING CONDITIONS OCCUR ( IN THE OPTION OF THE ARCHITECT.)

NOTES	
1.	GENERAL CONTRACTOR SHALL PATCH ALL AREAS OF FLOOR DAMAGED BY THE REMOVAL OF MASTIC.
2.	GENERAL CONTRACTOR SHALL FLASH PATCH ALL FLOORS IN THEIR ENTIRETY WHERE MASTIC REMOVAL HAS OCCURRED WITH (PLAN)PATCH PLUS) BY "MAPEI" OR ARCHITECT APPROVED EQUIAL.
3.	GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. PRIOR TO INSTALLATION OF NEW FLOORING.
4.	PROVIDE NEW MARBLE SADDLE AT ALL TOILET ROOM DOORS. PROVIDE BEVELED SADDLE TO MEET ADA REQUIREMENTS.
5.	ALL NEW V.C.T. FLOORING TO BE INSTALLED THROUGHOUT ENTIRE FLOOR AREA AS SHOWN UNLESS OTHERWISE NOTED.

# WINDOW TREATMENTS

WS1: DRAPER CLUTCH OPERATED FLEXSHADE,  
PIPER SHEARWAVE PA 2500, 1% OPEN  
COLOR, AS SELECTED BY ARCHITECT  
(ALL EXTERIOR WINDOWS IN WORK SCOPE)

NOTE: G.C. SHALL PROVIDE AND INSTALL NEW WINDOW TREATMENTS FOR ALL NEW AND  
EXISTING AREAS OF WORK EXCEPT AS NOTED BELOW:

NEW WINDOW TREATMENTS SHALL NOT BE REQUIRED AT THE FOLLOWING LOCATIONS:  
VESTIBULES, CORRIDORS, STAIRS, BATHROOMS, BOILER ROOMS, STORAGE.

PROVIDE (1) UNIT PER WINDOW

## PRIVACY CURTAIN

# WALL COVERING

TYPE WC1: KOROSOL WALL TALKERS MAG-RITE (M248) OR EQUAL  
MAGNETIC WRITABLE WALL SURFACE  
PROVIDE FLOOR TO CEILING  
LEVEL 5 GYP. BOARD FINISH REQUIRED FOR INSTALLATION.

1. "WALLTALKERS WALL COVERINGS," AS MANUFACTURED BY KOROSOL INTERIOR PRODUCTS, LLC, 3815 EMBASSY PARKWAY, SUITE 110, FAIRLAWN, OHIO 44133, TELEPHONE: (866)753-5474 E-MAIL: INFO@KOROSOL.COM OR APPROVED EQUAL.
2. "WALLTALKERS" TO BE WRITABLE-ABLE WITH MAGNETIC CAPABILITIES AND WILL EXTEND ENTIRE LENGTH OF WALL FLOOR TO CEILING. "WALLTALKERS" TO BE WHITE WITH ALUMINUM J-CAP TRIM. SEMI-GLOSS (PRODUCT CODE M248).
3. ACCESSORIES - SET 1 REQUIRED FOR EACH ROOM. INCLUDE THE FOLLOWING:
  - a. ONE SILVER ANODIZED ALUMINUM MARKER CADDY (MODEL NO. AMCM)
  - b. STARTER KIT (8 MARKERS, ONE FELT ERASER, 1 OZ. SPRAY BOTTLE OF LIQUID CLEANER, ONE INFO-BID 8.0Z. SPRAY BOTTLE FOR WATER, TWO DRY ERASE CLEANING CLOTHS)
  - c. HEAVY DUTY MAGNETS (MAG1), MINIMUM OF 12 MAGNETS.
4. WARRANTY: INCLUDE MANUFACTURER'S STANDARD 5 YEAR WARRANTY.
5. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS HORIZONTALLY WITH SEAM AT 2' AFF AND 6' AFF. REFER TO INSTALLATION INSTRUCTIONS, DOUBLE CUTTING ALL SEAMS.
6. G.C. SHALL CLEAN / PREP MATERIAL FOR FIRST USE AS RECOMMENDED BY MANUFACTURER AN AMMONIA OR ALCOHOL BASED CLEANER OR MILD SOAP AND RINSED THOROUGHLY WITH WATER.

BALANCE ALLOW TOP

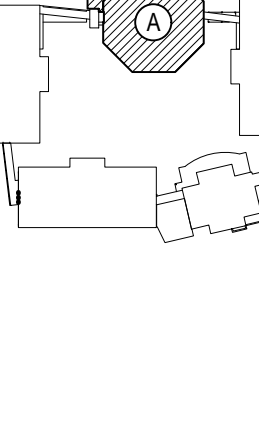
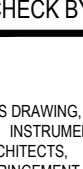
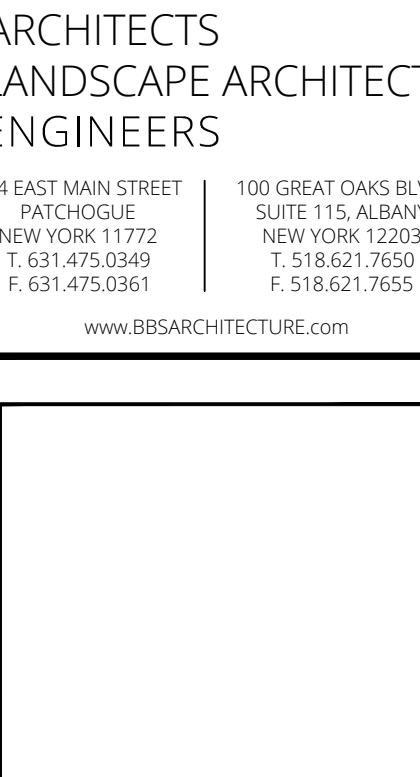
----- SEAM -----

↙ SOLID "WALLTALKERS" PIECE ↘

----- SEAM -----

24" (ELEM. / MIDDLE SCHOOLS -  
32" (HIGH SCHOOL) FROM SURFACE

ATTIC STOCK INFORMATION	
VET:	(1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED
ACT:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
RUBBER:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
PAINT:	10% OF EACH COLOR, TYPE AND GLOSS OF PAINT USED
PFT:	NOT LESS THAN 1% OF TOTAL PRODUCT INSTALLED
CPT:	(1) ONE BOX FOR EACH (50) BOXES OF PRODUCT INSTALLED

REV.	DATE	ITEM
NOTICE		
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KEY PLAN		
NOT TO SCALE		
BEDFORD CENTRAL SCHOOL DISTRICT PHASE 2 - BOND IMPROVEMENTS FOX LANE MIDDLE SCHOOL TOWN OF BEDFORD / WESTCHESTER COUNTY		
FINISH SCHEDULE and DETAILS		
PROJECT	DWG TITLE	
DRAWING BY: ---		
CHECK BY: ---		
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SED No.	66-01-02-06-0-007-013	
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT	
PROJECT	PHASE 2 - BOND IMPROVEMENTS	
DWG TITLE	FINISH SCHEDULE and DETAILS	
SCALE:	AS NOTED	
DATE:	APRIL 2024	
BID PICKUP:	FEBRUARY 24, 2025	
FILE No.	23-13b	FLMS
A9.00		



## LOWER LEVEL FINISH PLAN

FIRST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"

## SECOND FLOOR FINISH PLAN


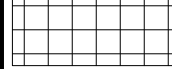
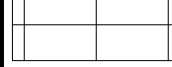
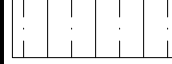
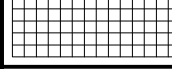


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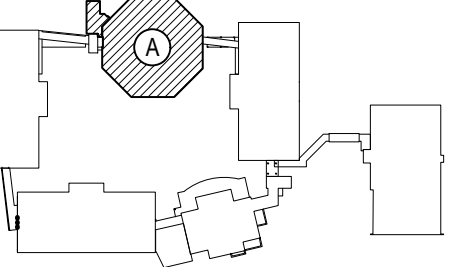
1 INTERIOR ELEVATION

NOTE: ALTERNATE No. GC-2

FOUTH FLOOR - KEY PLAN

NOTE: ALL WORK SCOPE WITHIN THIS COUNDRY SHALL BE PART OF ALTERNATE No. GC-2

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	CARPET TILE
	VINYL COMPOSITE TILE
	SOLID VINYL TILE
	LUXURY VINYL TILE
	PORCELAIN FLOOR TILE
	PAINTED CONCRETE
	EPOXY



## KEY PLAN

NOT TO SCALE

**FINISH FLOOR PLANS**

DWG TITLE

DRAWING BY:	P.J.H.
CHECK BY:	P.J.H.

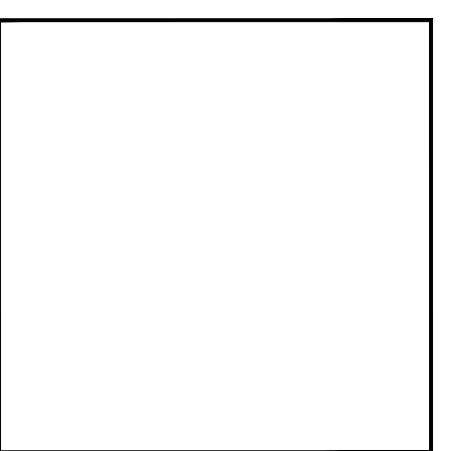
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ED No. \_\_\_\_\_

DISTRICT BEDFORD CENTRAL  
SCHOOL DISTRICTPROJECT PHASE 2 -  
BOND IMPROVEMENTS

## FINISH FLOOR PLANS

SCALE: AS NOTED

DATE: APRIL 2024

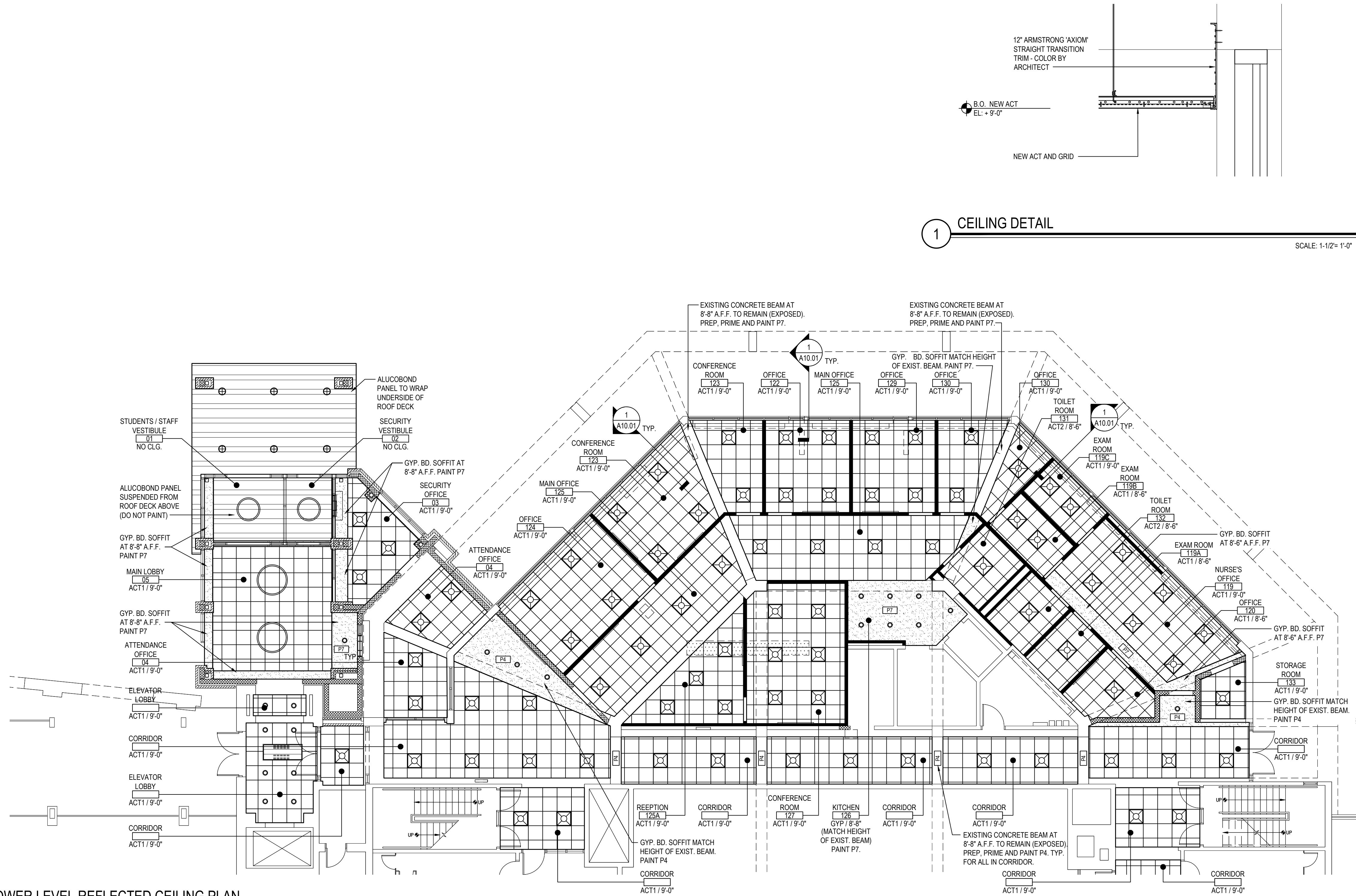
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END PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

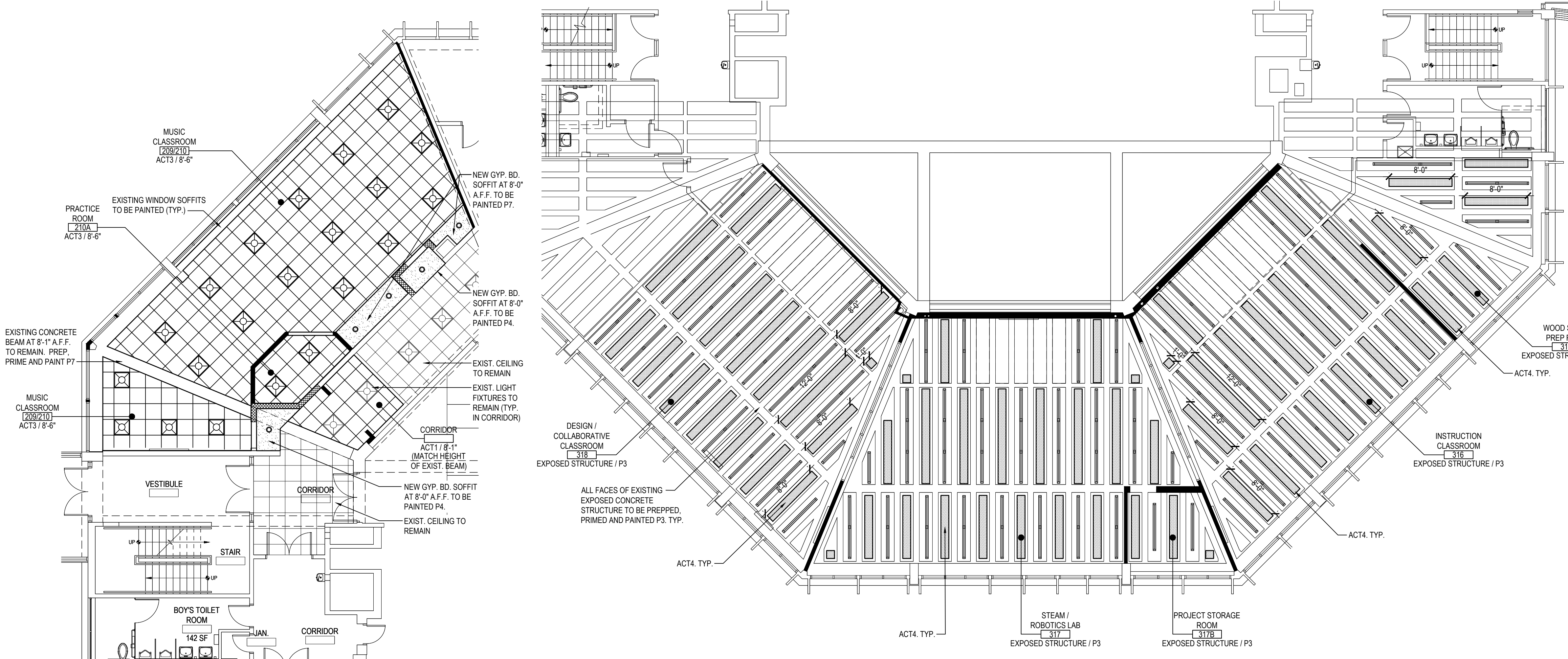
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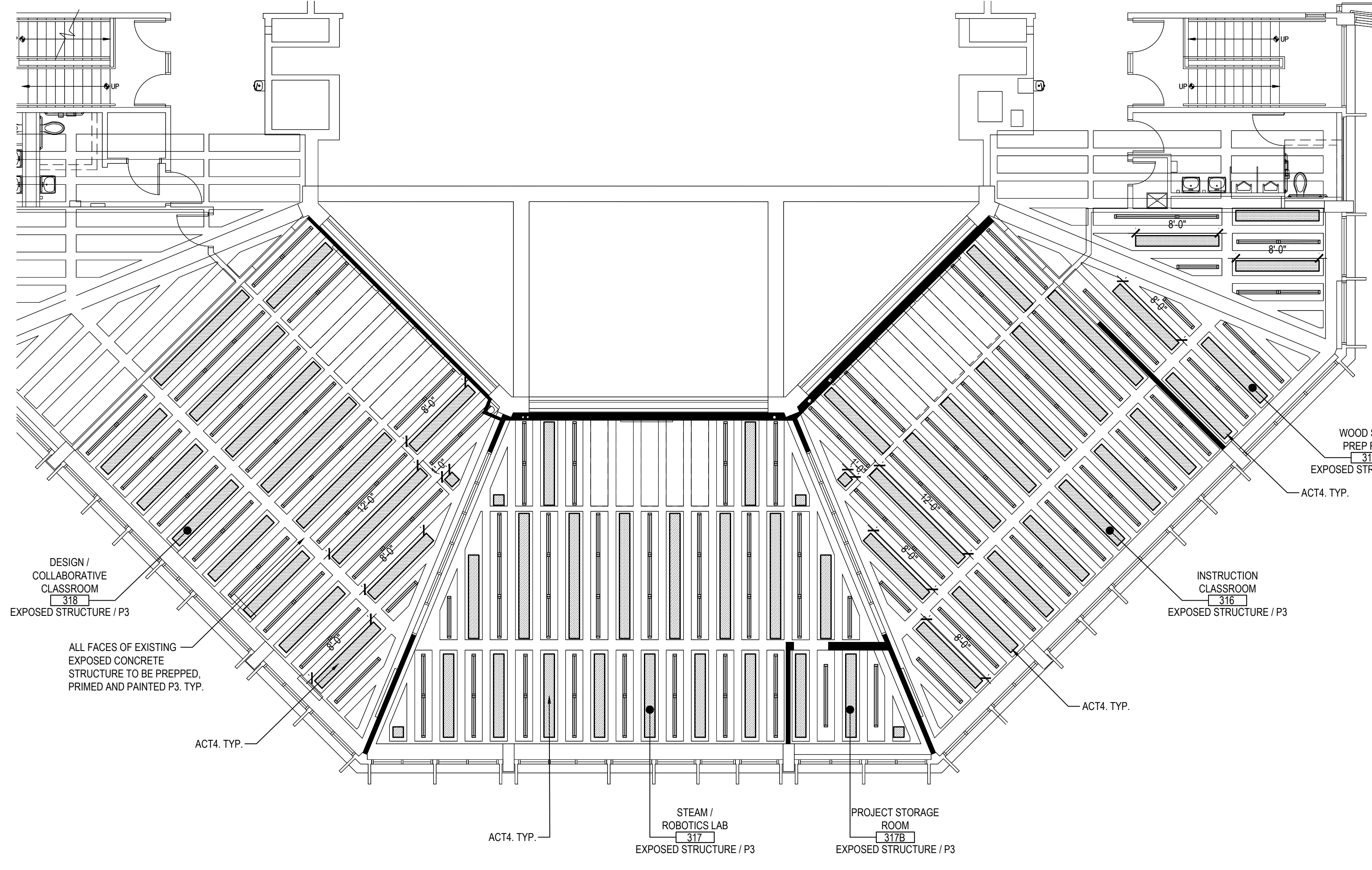
LOWER LEVEL REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	ROOM TAG, CEILING TILE TYPE AND FINISH CEILING ELEVATION (A.F.F.)
	NO CLG.
	SUSPENDED ACOUSTICAL CEILING TILE AND GRID
	GYP. BOARD SOFFIT OVER METAL FRAMING. REFER TO DETAIL, THIS SHEET, TAPE, SPACKLE AND PAINT.
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	EXIT SIGN BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING MOUNTED SPEAKER BY E.C. REFER TO E-SERIES DRAWINGS.
	SMOKE / HEAT DETECTORS BY E.C. REFER TO E-SERIES DRAWINGS.
	OCCUPANCY SENSOR BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING GRILLE / REGISTER BY M.C. REFER TO M-SERIES DRAWINGS.
	EXTERIOR WALL MOUNTED LIGHT FIXTURE BY E.C. REFER TO E-SERIES DRAWINGS.
	CEILING MOUNTED CABINET HEATER BY M.C. REFER TO M-SERIES DRAWINGS.
	REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.

- TYPICAL REFLECTED CEILING PLAN NOTES**
- CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND / OR ELECTRICAL CEILING MOUNTED ITEMS. REFER TO M - SERIES AND E - SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
  - CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION WITH NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
  - PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERSECTIONS AND WHERE INDICATED ON PLANS.
  - UNLESS OTHERWISE NOTED, ALL SOFFITS AND WINDOW POCKETS SHALL BE 1/2" TYPE 'X' GYP. BOARD OVER 18 GA. COLD FORMED FRAMING AT 16" O.C.
  - ALL AREAS NOTED AS 'OPEN' AND / OR 'NO CEILING (CLG.)' SHALL BE PAINTED - INCLUDING BUT NOT LIMITED TO DECK, STRUCTURE, DUCTWORK, ETC.)
  - ACOUSTICAL CEILINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS COMPLYING WITH ASTM E-84; SMOKE DEVELOPED RATING OF 50 OR LESS COMPLYING WITH PERFORMANCE REQUIREMENTS AND PHYSICAL CHARACTERISTICS OF THE SPECIFIED CEILINGS AS INDICATED IN THE REFLECTED CEILING PLAN. (ASTM E-1264)
  - ACOUSTICAL CEILINGS SHALL HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF 0.65.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

REFLECTED CEILING PLANS

**DRAWING BY:** P.J.H.  
**CHECK BY:** P.J.H.

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**SED No:** 66-01-02-06-0-007-013

**DISTRICT:** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT:** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE:** REFLECTED CEILING PLANS

**SCALE:** AS NOTED

**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No:** 23-1316 **FLMS**

**A10.01**

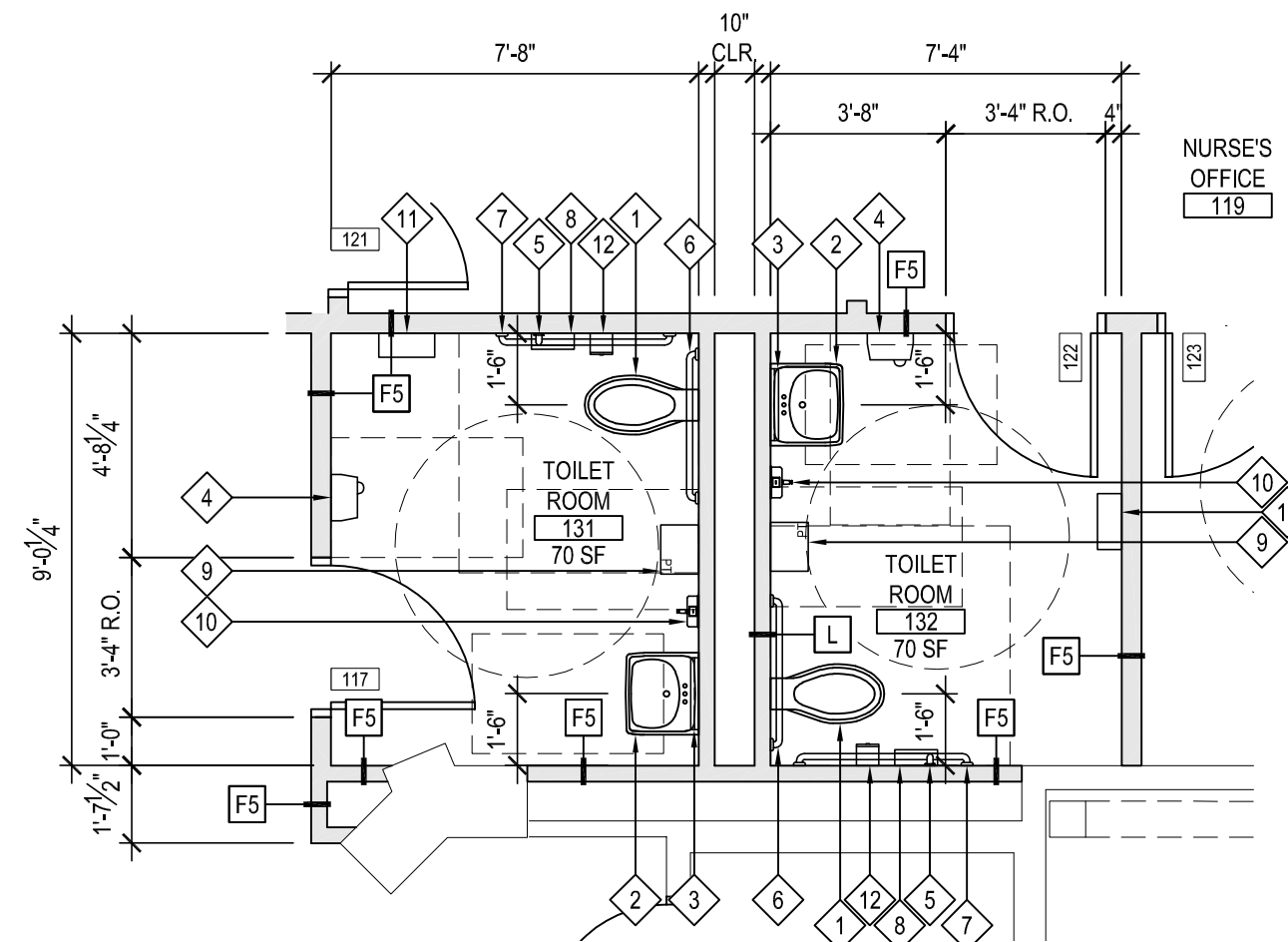


## TOILET FIXTURE MOUNTING HEIGHTS

- AT ALL STUDENT USE TOILET FACILITIES, ALL TOILET FIXTURES, URINALS, LAVATORIES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED EITHER AT ADULT HEIGHT OR CHILD HEIGHT AS INDICATED ON THE PLANS AND TYPICAL ADA PLUMBING ELEMENTS MOUNTING STANDARDS.
- AT ALL ADULT USE TOILET FACILITIES, ALL TOILET FIXTURES, URINALS, LAVATORIES, GRAB BARS, ACCESSORIES, ETC. SHALL BE MOUNTED AT ADULT HEIGHT AS INDICATED ON THE PLANS AND TYPICAL ADA PLUMBING ELEMENTS MOUNTING STANDARDS.
- THE HEIGHT OF ALL GRAB BAR MUST BE THE SAME WITHIN EACH STALL / ROOM.
- THE CHILD MOUNTING HEIGHT LIMITS APPLY FOR ADA AND NON-ADA LOCATIONS.

## TOILET ROOM KEY NOTES

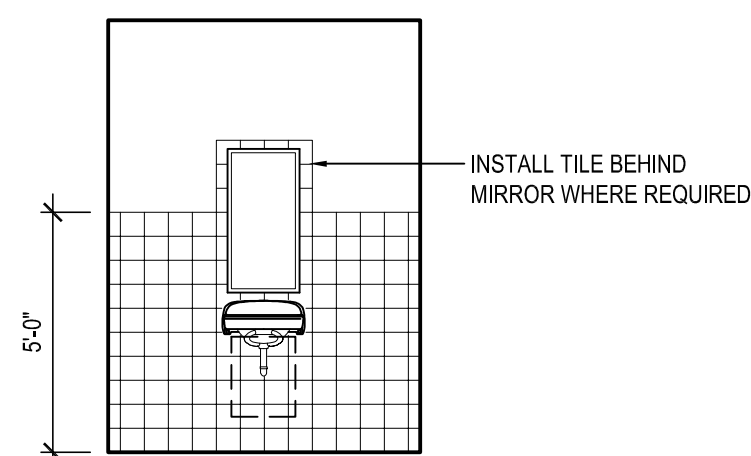
- P.C. TO FURNISH AND INSTALL NEW ADA ACCESSIBLE WATER CLOSET AND FLUSHOMETER.
- P.C. TO FURNISH AND INSTALL NEW ADA ACCESSIBLE LAVATORY, FAUCET AND LAV SHIELD.
- G.C. TO FURNISH AND INSTALL NEW MIRROR WITH SHELF.
- G.C. TO PROVIDE AND INSTALL NEW ADA COMPLIANT SURFACE MOUNTED HAND DRYER. E.C. TO CONNECT TO NEW OR EXISTING POWER.
- G.C. TO FURNISH AND INSTALL NEW VERTICAL 18" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW HORIZONTAL 36" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW HORIZONTAL 42" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW TOILET PAPER DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW ROLL PAPER TOWEL DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW WALL MOUNTED SOAP DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN WASTE RECEPTACLE.



## 1 ENLARGED TOILET ROOM PLAN

NOTE: USE ADULT HEIGHT FIXTURES.

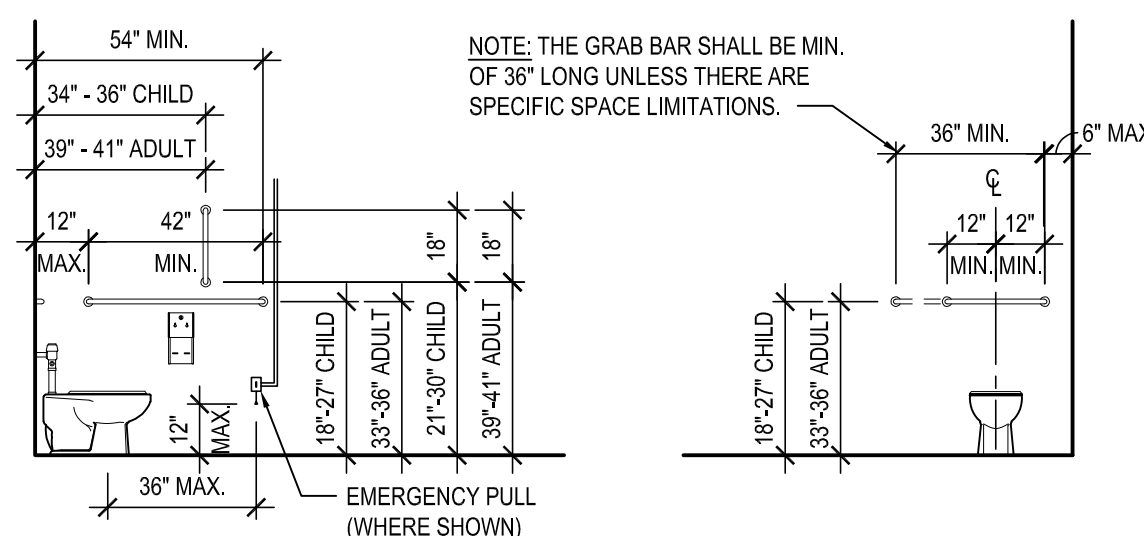
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## CERAMIC TILE WAINSCOT DETAIL

SCALE: 1/4" = 1'-0"

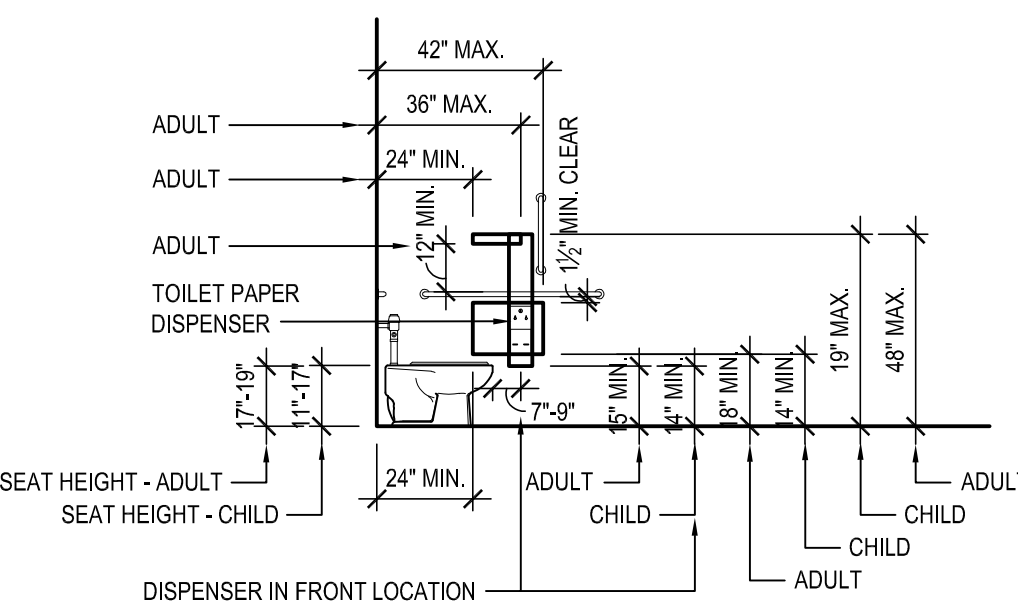
## ADA COMPLIANT PLUMBING ELEMENTS MOUNTING STANDARDS



## SIDE WALL

## REAR WALL

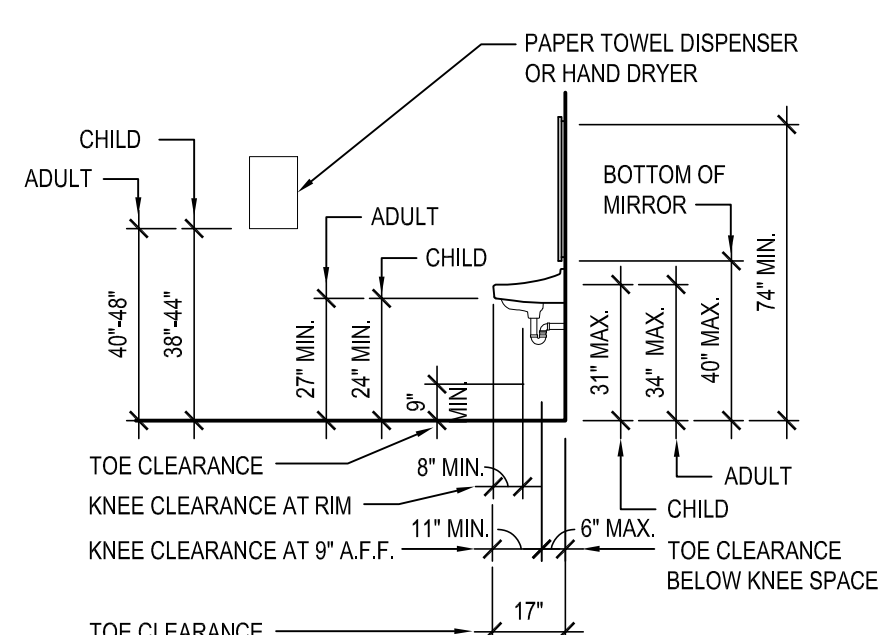
SCALE: 1/4" = 1'-0"



## SIDE WALL

## REAR WALL

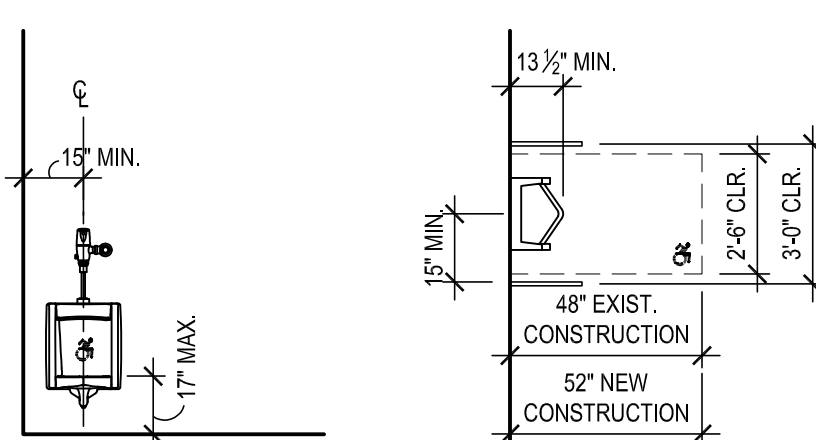
SCALE: 1/4" = 1'-0"



## SIDE WALL

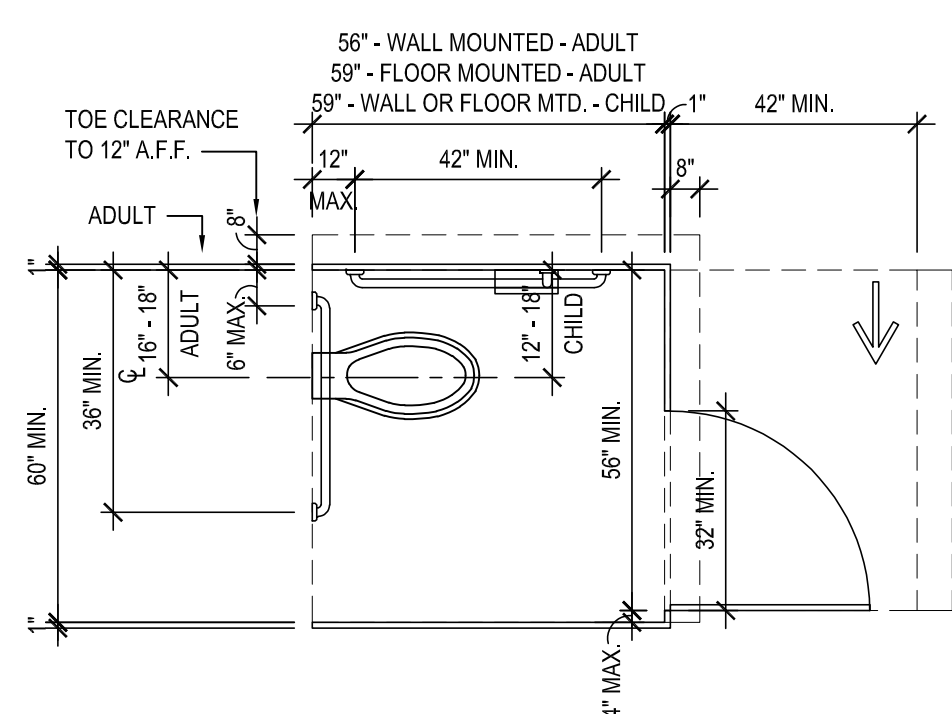
## REAR WALL

SCALE: 1/4" = 1'-0"



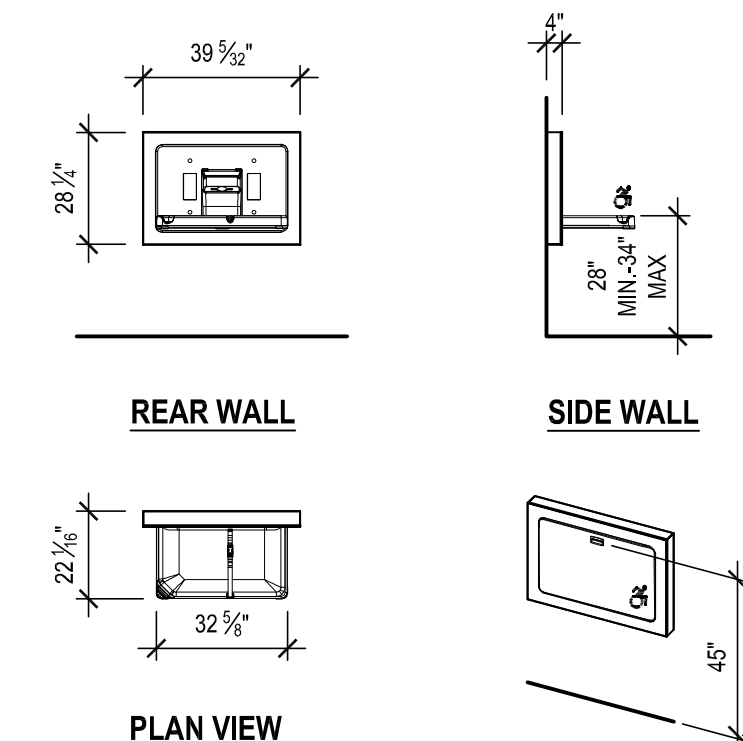
## URINAL - ACCESSIBLE DIMENSIONS

SCALE: 1/4" = 1'-0"



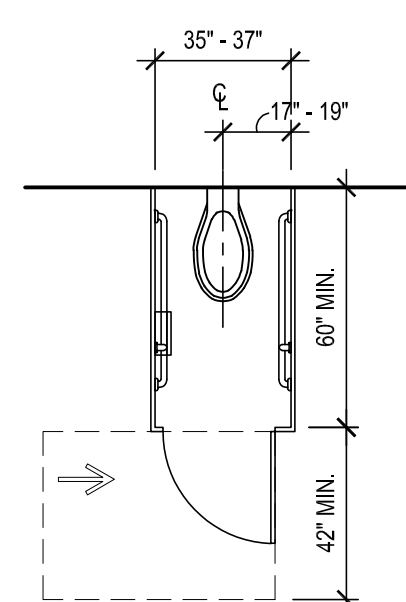
## ACCESSIBLE WHEELCHAIR STALL DIMENSIONS

SCALE: 1/4" = 1'-0"



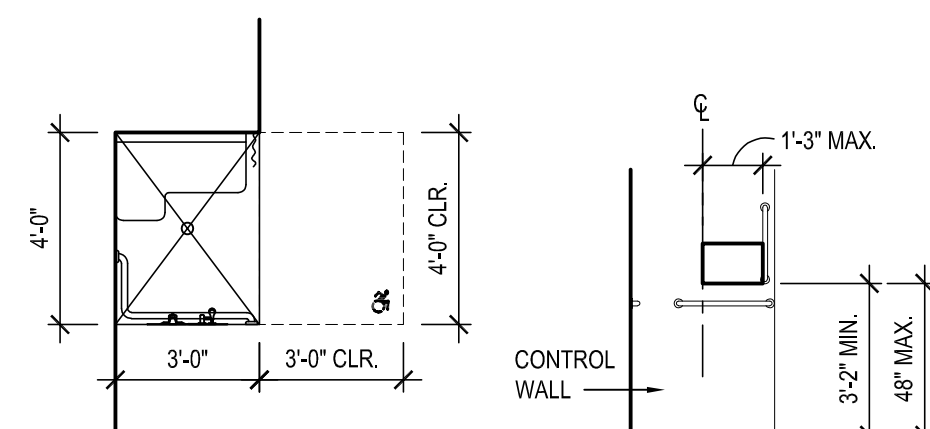
## DIAPER CHANGING STATION DIMENSIONS

SCALE: 1/4" = 1'-0"



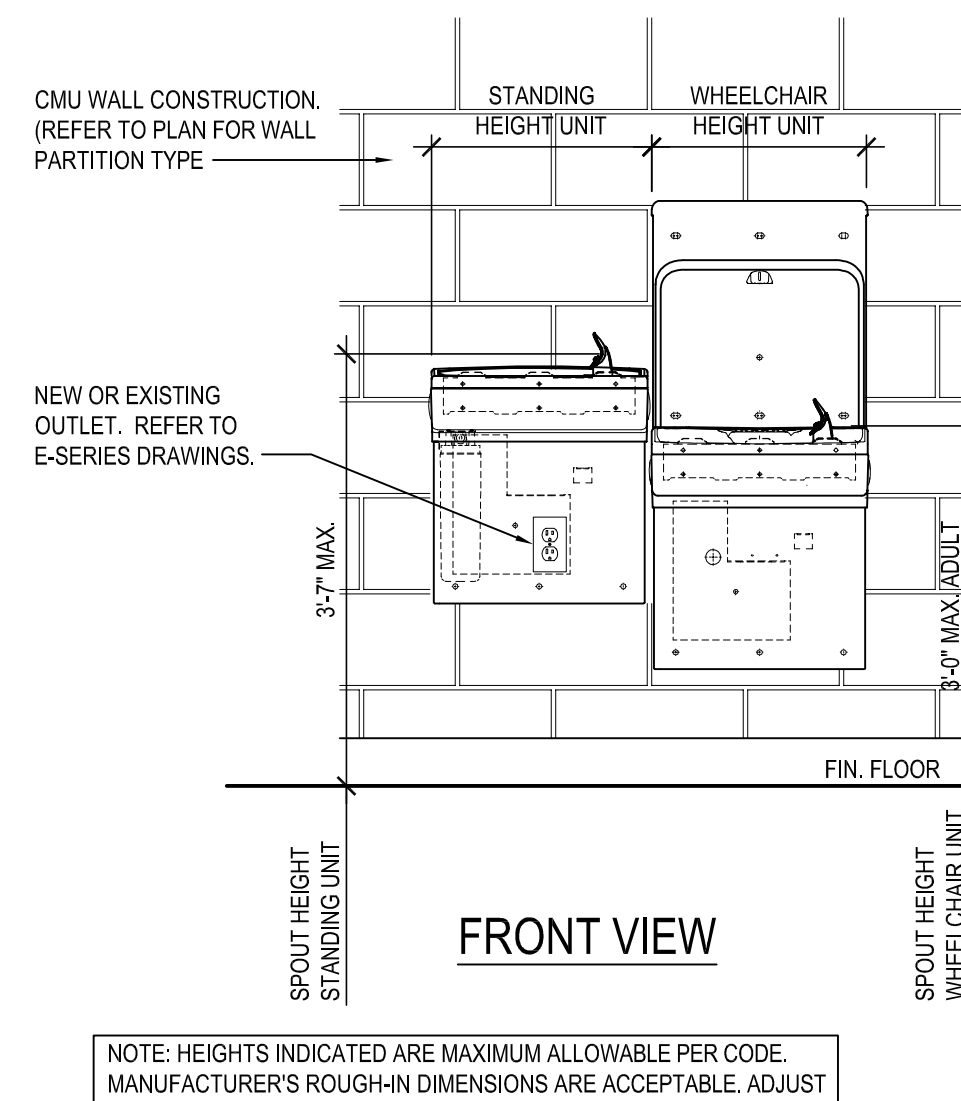
## AMBULATORY STALL DIMENSIONS

SCALE: 1/4" = 1'-0"



## ACCESSIBLE SHOWER STALL DIMENSIONS

SCALE: 1/4" = 1'-0"



## ADA COMPLIANT DRINKING FOUNTAIN/BOTTLE FILL STATION DETAIL

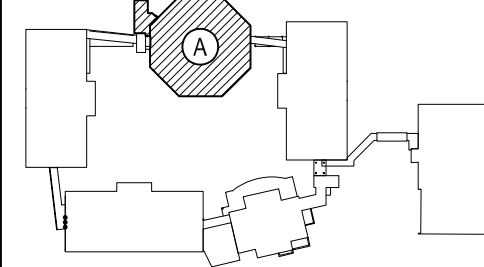
1/2"20" BOTTLE FILLING STATION WITH FILTERED B.LEVEL, L2 COOLER BY 'ELKAY' OR APPROVED EQUAL.

SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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## KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DWG TITLE

DRAWING BY: E.M.  
CHECK BY: P.J.H.

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SED No: 66-01-02-06-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: ENLARGED TOILET ROOM PLANS AND DETAILS

SCALE: AS NOTED

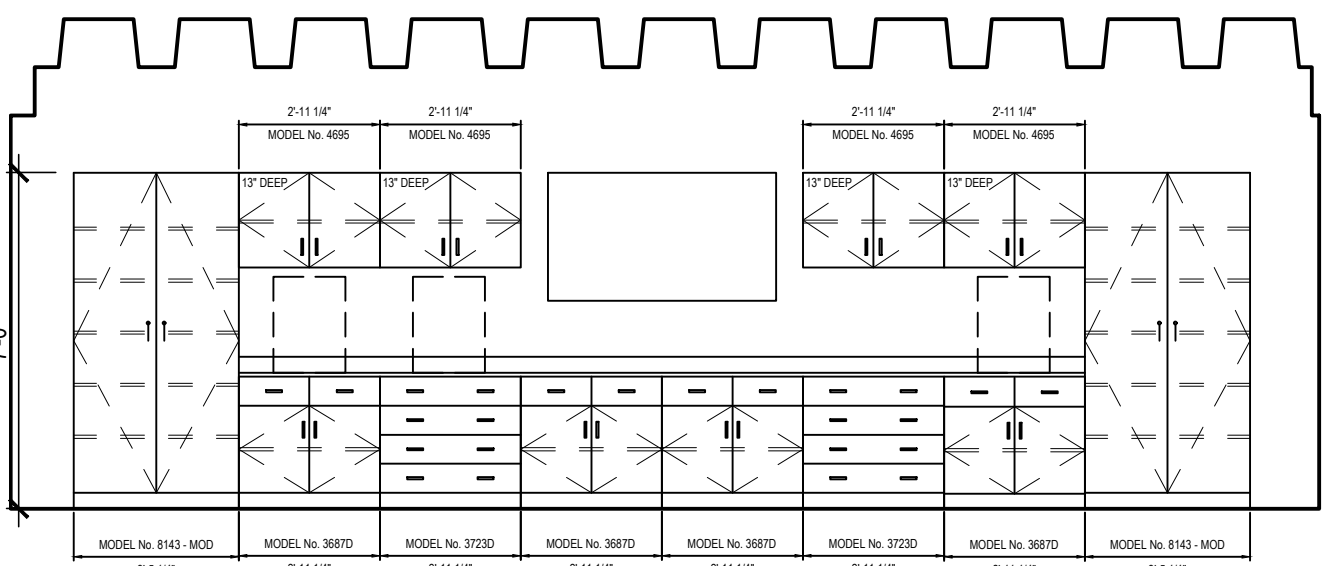
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

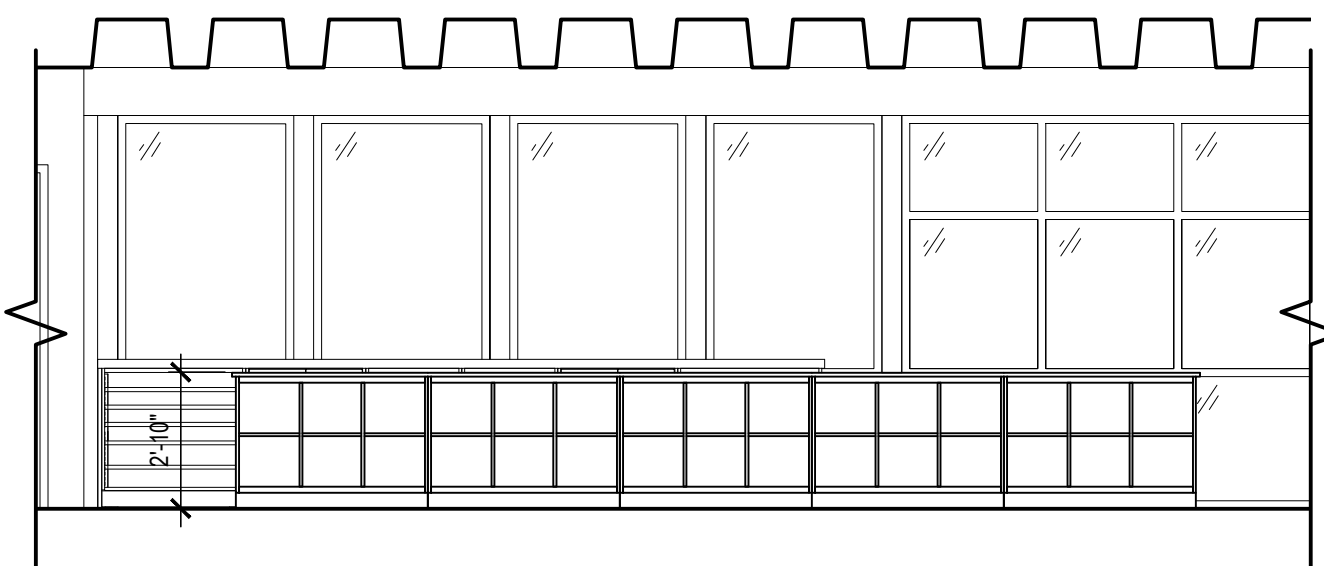
FILE No: 23-1316 FLMS

A11.01

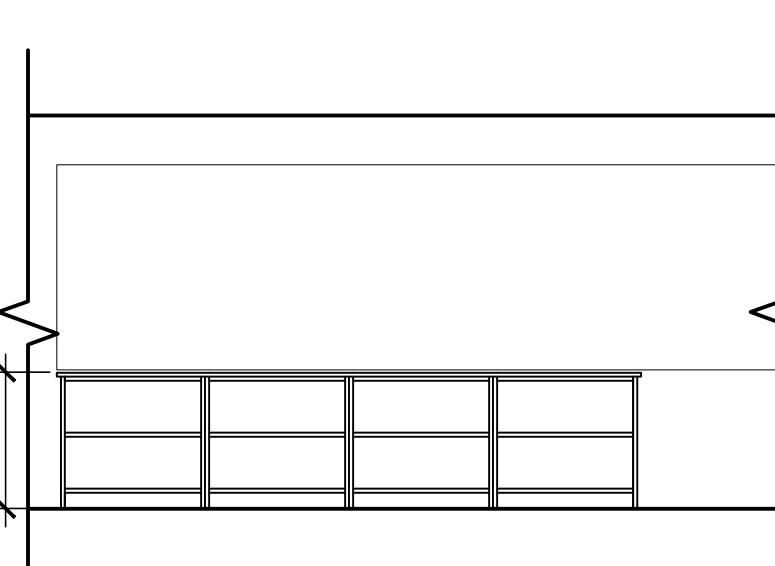




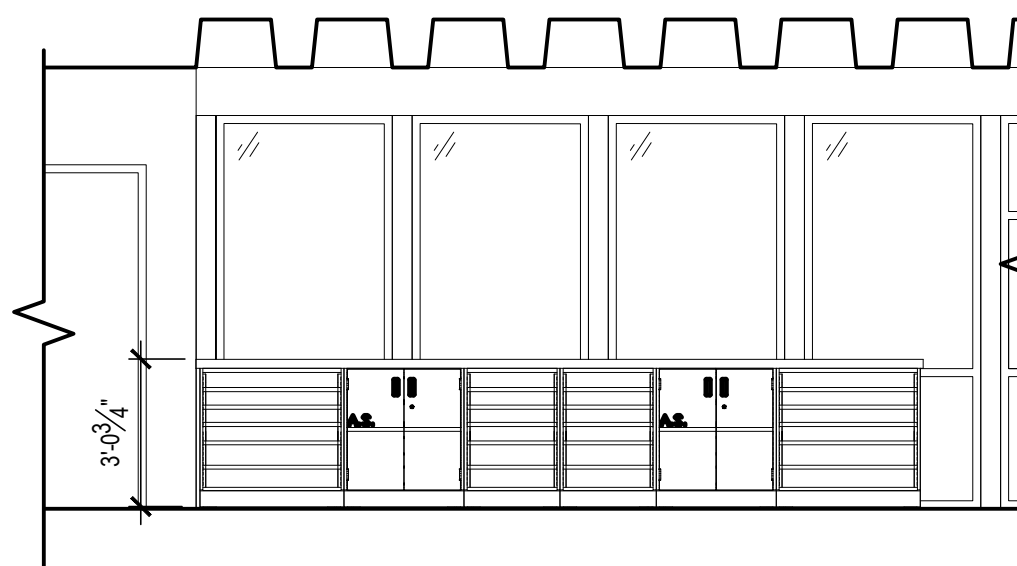
1 CASEWORK ELEVATION  
at STEAMROBOTICS ROOM No. 317  
SCALE: 1/4" = 1'-0"



2 CASEWORK ELEVATION  
at STEAMROBOTICS ROOM No. 317  
SCALE: 1/4" = 1'-0"



3 CASEWORK ELEVATION  
at STEAMROBOTICS ROOM No. 317  
SCALE: 1/4" = 1'-0"



4 CASEWORK ELEVATION  
at STEAMROBOTICS ROOM No. 317  
SCALE: 1/4" = 1'-0"

#### ART/STEAM/FACS/NURSE CASEWORK

ICI SCIENTIFIC OR EQUAL  
SPECIES: MAPLE OR OAK - CLEAR OR STAIN AS SELECTED BY ARCHITECT  
WITH 1" PHENOLIC RESIN TOPS - WILSONART CHEMSURF OR EQUAL

#### CLASSROOM CASEWORK

ICI SCIENTIFIC OR EQUAL  
SPECIES: MAPLE OR OAK - CLEAR OR STAIN AS SELECTED BY ARCHITECT  
WITH 1" PHENOLIC RESIN TOPS - WILSONART CHEMSURF OR EQUAL

#### COPY ROOM/FACULTY CASEWORK

CASE SYSTEMS OR EQUAL  
PLASTIC LAMINATE AS PER SPECIFICATIONS OR AS SELECTED BY ARCHITECT  
WITH 1" PLASTIC LAMINATE TOPS

#### GENERAL FURNITURE NOTE

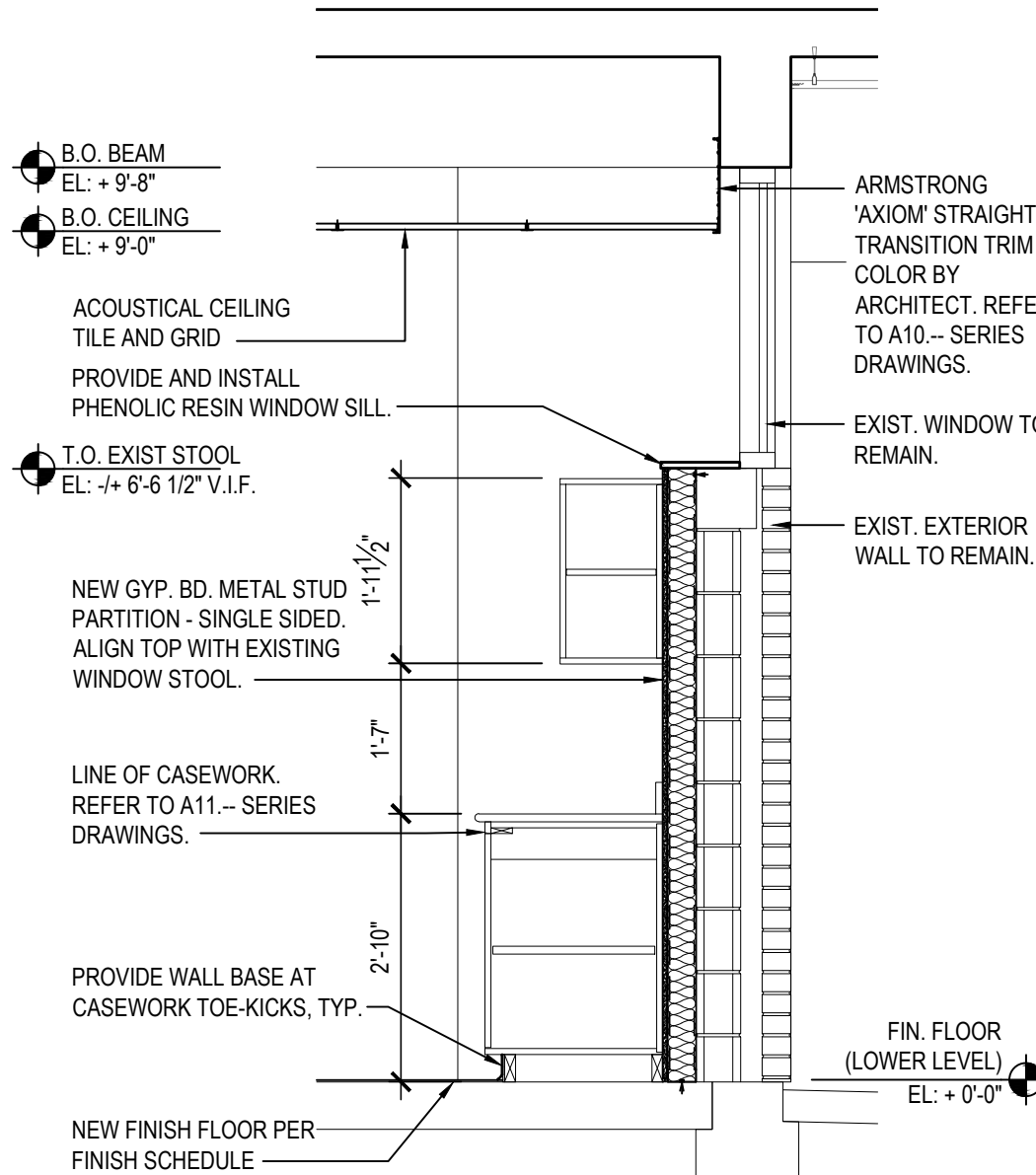
ALL LOOSE FURNISHINGS, CASEWORK AND SHELVING SHALL BE FURNISHED AND INSTALLED UNDER A SEPARATE CONTRACT BY THE OWNER'S CASEWORK CONTRACTOR UNLESS OTHERWISE NOTED AND DETAILED. THIS LAYOUT IS PROVIDED FOR REFERENCE AND GENERAL INFORMATION PURPOSES ONLY. THE GENERAL CONTRACTOR, CASEWORK CONTRACTOR, ELECTRICAL CONTRACTOR AND PLUMBING/MECHANICAL CONTRACTOR(S) SHALL COORDINATE ROUGH-IN, LOCATIONS, INSTALLATION AND FINAL CONNECTIONS WITH EACH OTHER. INFORMATION SHOWN HEREIN IS FOR INFORMATIONAL PURPOSES ONLY AND SUBJECT TO CHANGE. SHOP DRAWINGS SHALL BE PROVIDED BY THE ARCHITECT FOR ALL FINAL LOCATIONS.

#### CASEWORK SCHEDULE

ID	DESCRIPTION	QTY.	SIZE			COMMENTS
			H	W	D	
A	WALL CABINET	4	30"	48"	12"	
B	WALL CABINET	1	30"	36"	12"	
C	BASE CABINET	1	34"	36"	24"	
D	BASE CABINET	2	34"	48"	24"	
E	BASE CABINET	2	34"	36"	24"	PROVIDE ADA SINK

#### PLASTIC LAMINATE CASEWORK NOTES

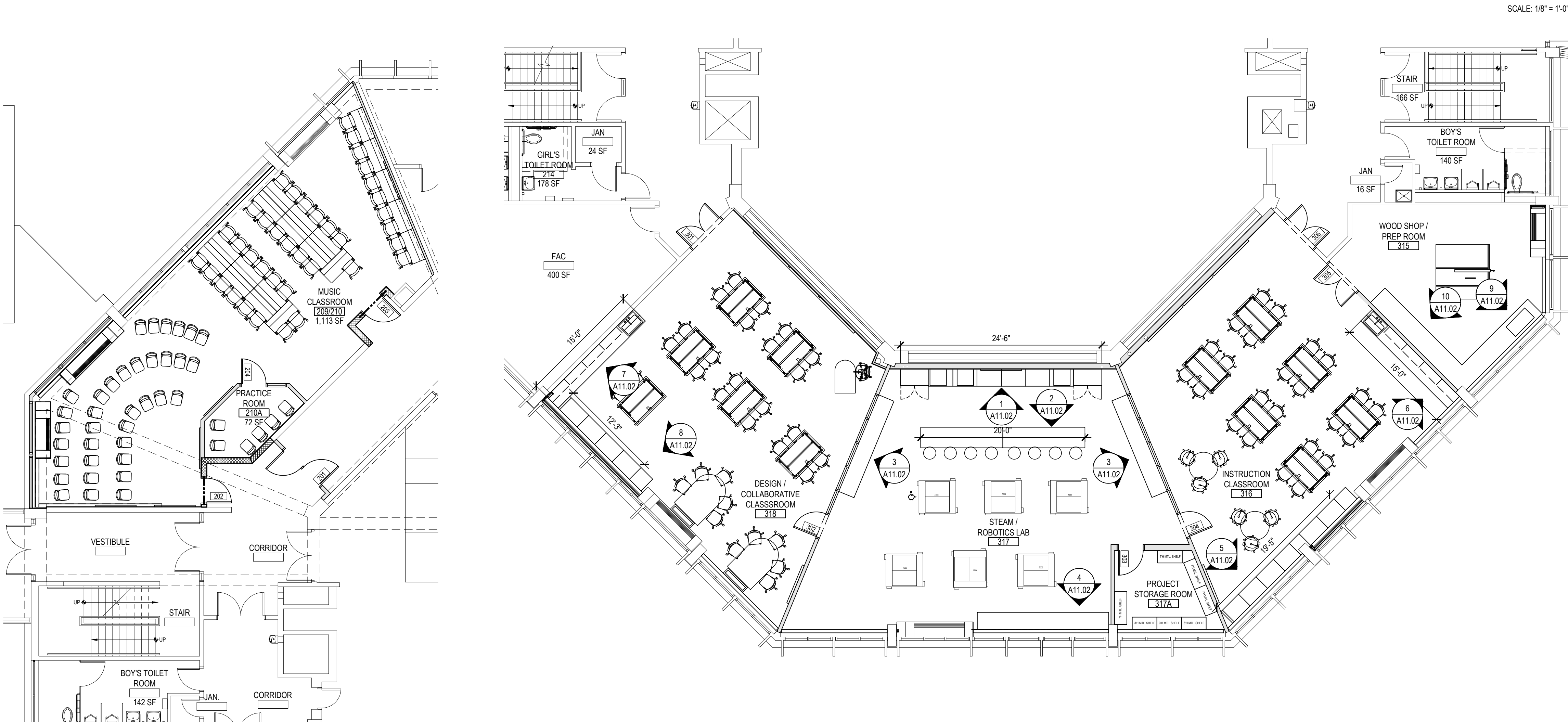
- PLASTIC LAMINATE CASEWORK SHALL BE MANUFACTURED BY CASE SYSTEMS OR ARCHITECT APPROVED EQUAL AND SHALL MATCH THE CABINET CONFIGURATIONS SHOWN IN THE CASEWORK PLANS AND ELEVATIONS.
- ALL PLASTIC LAMINATE CASEWORK / COUNTERS SHALL BE PROVIDED AND INSTALLED BY CASEWORK CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL CONTINUOUS BLOCKING BETWEEN COLD FORMED FRAMING AT ALL CASEWORK LOCATIONS.
- REFER TO SPECIFICATIONS FOR TYPICAL FRAME, DRAWER, DOOR AND SHELF CONSTRUCTION FOR ALL CASEWORK.
- UNLESS OTHERWISE NOTED OR SPECIFIED, FINISH HARDWARE FOR ALL CABINETS SHALL BE AS FOLLOWS:
  - ALL HINGES SHALL BE CONCEALED.
  - ALL DOOR AND DRAWER PULLS SHALL BE WIRE TYPE.
  - ALL DOOR CATCHES SHALL BE ADJUSTABLE SPRING ACTUATED NYLON ROLLER.
  - ALL DRAWER SLIDES SHALL BE FULL EXTENSION TYPE.
  - ALL SHELF CLIPS SHALL BE PLASTIC TWIN PIN TYPE THROUGHOUT.
- ALL COUNTER TOPS SHALL BE PLASTIC LAMINATE UNLESS OTHERWISE INDICATED. COLOR AND FINISH AS SELECTED BY ARCHITECT.
- ALL BASE CABINETS TO BE INSTALLED ALONG A WINDOW WALL SHALL BE PROVIDED WITH TOE SPACE GRILLS. ALL SAID BASE CABINETS SHALL ALSO BE INSTALLED WITH 3" WIDE ALUMINUM GRILLS AT TOP OF CABINET (OR HORIZONTAL FILLER AT TALL CABINETS). GRILLS SHALL BE CENTERED BEHIND EACH CABINET AND TOTAL LENGTHS SHALL BE 6" LESS THAN SAID CABINET WIDTH. (IE: 47" CABINET YIELDS 41" GRILL).
- FURNISH AND INSTALL FILLER PANELS, WHERE NECESSARY, TO PROVIDE A COMPLETE & FINISHED INSTALLATION. FILLER PANELS SHALL BE USED TO FORM CONTINUOUS CABINERY BETWEEN ALL UNITS AND / OR ADJACENT SURFACES.
- ALL DRAWERS AND DOORS SHALL BE SUPPLIED WITH SPECIFIED LOCKS. ALL CASEWORK IN EACH ROOM SHALL BE KEYS ALIKE, AND EACH ROOM SHALL BE KEYS DIFFERENTLY. UPPER WALL CABINETS IN PREP ROOMS SHALL BE PROVIDED WITH LABEL HOLDERS.
- REMOVABLE BACK PANELS SHALL BE PROVIDED AT ALL SINK BASE CABINETS. TYPICAL THROUGHOUT. ALL SLOPED KNEE SPACES SHALL BE PROVIDED WITH REMOVABLE PANEL. PROVIDE SECURITY TYPE FASTENERS AT ALL EXPOSED LOCATIONS.
- DOOR GLASS FOR EITHER TALL CABINETS OR WALL CABINETS SHALL BE 1/2" TEMPERED SAFETY GLASS. PROVIDE GLAZING LABEL ON ALL PIECES.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ALL SINKS AND FAUCETS. SINKS SHALL BE DROP-IN TYPE. REFER T-P-SERIES DRAWINGS.
- REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION ON SURFACE MOUNTED OR RECESSED WALL BOXES AND / OR SURFACE RACEWAY.
- ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING LOCATIONS FOR POWER AND DATA MANAGEMENT SYSTEM TO UNDERSIDE OF CASEWORK WHERE REQUIRED. PROVIDE ALL CUTOUPS IN PANELS AS REQUIRED FOR CABLE PASSAGE BETWEEN UNITS.
- G.C. SHALL SUBMIT SHOP DRAWINGS AND COLOR SAMPLES FOR APPROVAL BY ARCHITECT ACCORDING TO SPECIFICATIONS PRIOR TO FABRICATION.
- CASEWORK CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH EXISTING FIELD CONDITIONS PRIOR TO FINAL FABRICATION OF ALL CASEWORK AND BUILD TO SUIT.
- ALL FINAL PLUMBING CONNECTIONS BY P.C. ALL FINAL MECHANICAL CONNECTIONS BY M.C. ALL FINAL ELECTRICAL CONNECTIONS BY E.C.
- UNLESS OTHERWISE NOTED ALL TACK BOARDS, MARKER BOARDS SHALL BE PROVIDED AND INSTALLED BY G.C. CASEWORK CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.
- UNLESS OTHERWISE NOTED ALL SMARTBOARDS AND / OR LCD SCREENS SHALL BE PROVIDED BY THE OWNER. INSTALLED BY THE E.C. CASEWORK CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.



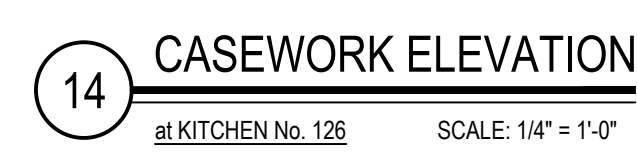
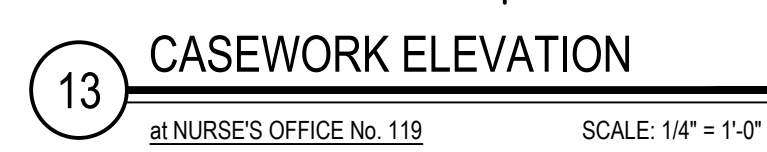
#### A SECTION DETAIL

SCALE: 1/2" = 1'-0"

#### LOWER LEVEL CASEWORK AND FURNITURE PLAN

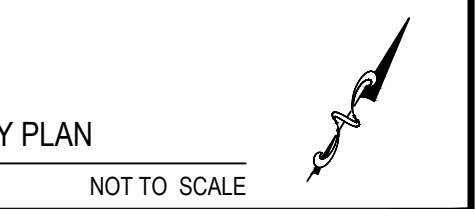






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**CASEWORK ELEVATIONS**

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ED No.	66-01-02-06-0-007-013	
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT	
PROJECT	PHASE 2 - BOND IMPROVEMENTS	
PROJECT TITLE	CASEWORK PLANS	
SCALE:	AS NOTED	
DATE:	APRIL 2024	
PICK-UP:	FEBRUARY 24, 2025	
FILE No.	23-131b	FLMS







DESIGN LOADS AND CRITERIA: (FLMS ENTRY ADDITION)

1. DESIGN PROVISIONS: 2020 BUILDING CODE OF NEW YORK STATE  
BUILDING RISK CATEGORY, III  
TERRAIN EXPOSURE CATEGORY, B  
BASIC SEISMIC/MAIN WIND FORCE RESISTING SYSTEM:  
NORTH-SOUTH, STEEL MOMENT FRAMES  
EAST-WEST, STEEL MOMENT FRAMES

NOTE: STEEL MOMENT FRAMES NOT SPECIFICALLY DETAILS FOR SEISMIC RESISTANCE.

2. ROOF DEAD LOAD, 20 PSF (TYPICAL)  
PORTION OF ABOVE ROOF DEAD LOAD FOR MECHANICAL EQUIPMENT AND PIPING  
SUSPENDED FROM STRUCTURAL FRAMING, 5 PSF

CONCENTRATED LOADS SHALL BE LIMITED TO THOSE WHICH INDUCE MOMENTS  
AND SHEARS IN MEMBERS NOT GREATER THAN THOSE INDUCED BY THE NOTED  
UNIFORMLY DISTRIBUTED LOADS.

3. SNOW LOAD:

GROUND SNOW LOAD (Pg), 30 PSF  
FLAT ROOF SNOW LOAD (Pf), 25 PSF  
EXPOSURE FACTOR (Ce), 1.0  
THERMAL FACTOR (Ct), 1.0  
IMPORTANCE FACTOR (Ib), 1.1  
RAIN LOAD (PONDING), NOT APPLICABLE  
RAIN-ON-SNOW SURCHARGE, NOT APPLICABLE

DRIFTED, UNBALANCE AND SLIDING SNOW LOADS AS INDICATED IN AMERICAN  
SOCIETY OF CIVIL ENGINEERS STANDARD ASCE 7-16.

4. WIND LOAD:

MAIN WIND FORCE RESISTING SYSTEM HAS BEEN DESIGNED USING THE  
PROCEDURE SIMPLE DIAPHRAGM LOW RISE BUILDINGS.  
BASIC WIND SPEED, 125 MPH  
EXPOSURE CATEGORY, B  
TOPOGRAPHIC FACTOR, 1.0  
HEIGHT OF MAIN ROOF, 12 FEET  
AVERAGE NET WIND UPLIFT PRESSURE, 20 PSF (ULTIMATE)

5. SEISMIC LOADS:

RISK CATEGORY, III  
SITE CLASS, D  
SEISMIC IMPORTANCE FACTOR (I<sub>s</sub>), 1.25  
SHORT PERIOD ACCELERATION (S<sub>0.1</sub>), 0.291 g  
ONE-SECOND ACCELERATION (S<sub>1</sub>), 0.96 g  
SEISMIC DESIGN CATEGORY, B  
SEISMIC RESPONSE COEFFICIENT (C<sub>s</sub>), 0.1057  
RESPONSE MODIFICATION COEFFICIENT (R), 3  
DESIGN BASE SHEAR (V), 4 KIPS

6. GEOTECHNICAL DESIGN CRITERIA:

PRESUMTIVE SOIL BEARING PRESSURE: 2,000 PSF  
ASSUMED BEARING STRATA, NATIVE SOIL OR COMPACTED STRUCTURAL FILL

STRUCTURAL MATERIALS

STRUCTURAL STEEL AND MISCELLANEOUS STEEL  
ROLLED STEEL W SHAPES: ASTM A 992  
ROLLED STEEL C, MC SHAPES: ASTM A 36  
ROLLED STEEL PLATES, BARS, AND ANGLES: ASTM A 36  
HIGH-STRENGTH BOLTS: ASTM A 325 OR ASTM A 490  
THREADED ANCHORS: ASTM A 36  
WELD ELECTRODES: AWS E70XX  
FOR CONNECTIONS, PROVIDE HIGHER GRADE OR AS REQUIRED FOR CAPACITY.

FASTENERS  
POWDER ACTUATED FASTENERS (PAF): HILTI 0.177 DIA DS/ES  
ADHESIVE ANCHORS (SOLID CONC OR MASONRY): HILTI HIT HY 200

CONCRETE  
FOOTINGS, FOUNDATION WALLS, PIERS, GRADE BEAMS, MISC:  
28 DAY COMPRESSIVE STRENGTH, f<sub>c</sub>= 3,000 PSI  
SLUMP, 3 TO 5 INCHES  
AIR ENTRAINMENT, 5 % ± 1 %

INTERIOR SLABS ON GRADE:  
28 DAY COMPRESSIVE STRENGTH, f<sub>c</sub> = 3,500 PSI  
SLUMP, 3 TO 5 INCHES  
AIR ENTRAINMENT, 3 % (MAX), DO NOT ADD AIR ENTRAINING ADMIXTURE. AIR  
ENTRAINMENT OCCURS AS A RESULT OF MIXING.

SEE SPECIFICATIONS AND NOTES FOR ADDITIONAL INFORMATION.

MASONRY:  
CONCRETE BLOCK: ASTM C 90, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR -  
ASTM C 270, TYPE S  
UNIT MASONRY: ASTM C 90 CMU, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR -  
ASTM C 270, TYPE S, 1 1/2"=2.000 PSI  
GROUT:ASTM C 476, 2,500 PSI COMPRESSIVE STRENGTH, 8 TO 10 INCH SLUMP

REINFORCING, CONCRETE: ASTM A 615, GRADE 60

GENERAL NOTES:

1. DIMENSIONS TO, OF, AND IN EXISTING STRUCTURE SHALL BE VERIFIED IN FIELD  
BY CONTRACTOR.
2. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY  
DISCREPANCIES IN DIMENSIONS BETWEEN THE EXISTING CONDITIONS,  
ARCHITECTURAL DRAWINGS, AND STRUCTURAL DRAWINGS.
3. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
4. SECTIONS, AND DETAILS SHOWN ARE TYPICAL. . SIMILAR DETAILS APPLY TO  
SIMILAR CONDITIONS, UNLESS OTHERWISE INDICATED.
5. THE NOTES ON THIS DRAWING ARE TYPICAL UNLESS OTHERWISE INDICATED.
6. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES  
BEFORE COMMENCING WORK. CONTRACTOR SHALL BE FULLY RESPONSIBLE  
FOR DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE  
AND PRESERVE EXISTING UTILITIES.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF PROPOSED  
DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR  
COMPONENTS SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS  
OR SUBSTITUTIONS ACCEPTED BY THE ENGINEER.
8. 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.
9. BRACE BUILDING UNTIL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE  
INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: ROOF DECK, MOMENT  
FRAMES, BRACING MEMBERS, AND CONNECTIONS.
10. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR  
CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR  
CONSTRUCTION SAFETY.
11. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION AND REMOVALS  
REQUIRED FOR EXISTING CONDITIONS.
12. COORDINATE THE NUMBER AND LOCATION OF ROOF DRAINS AND OPENINGS  
WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

FOUNDATION NOTES:

1. BEAR FOOTINGS ON FIRM UNDISTURBED SOIL, OR COMPACTED STRUCTURAL  
FILL OR BEDROCK.
2. FOOTING BEARING STRATUM 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 FINISHED GRADE. FOOTINGS MAY BE STEPPED DOWN OR  
LOWERED TO REACH AN ACCEPTABLE BEARING STRATUM AS DETERMINED BY  
GEOTECHNICAL ENGINEER.
4. WHERE FOOTING ELEVATIONS ARE LOWERED 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
5. ELEVATIONS OF BOTTOM OF FOOTINGS ARE FOR ESTIMATING PURPOSES AND  
WILL BE ADJUSTED TO REQUIRED BEARING STRATA AS DETERMINED UPON  
EXCAVATION.
6. DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
7. DO NOT ALLOW GROUND BENEATH FOOTINGS OR SLABS TO FREEZE.
8. BEARING SURFACES PREVIOUSLY ACCEPTED BY GEOTECHNICAL ENGINEER

WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN, OR DISTURBED SHALL  
BE REWORKED TO THE SATISFACTION OF GEOTECHNICAL ENGINEER.

9. CENTER FOOTINGS UNDER WALLS, PIERS, OR GRADE BEAMS UNLESS NOTED  
OTHERWISE.
10. PROVIDE FOUNDATION WALL CONTROL JOINTS WHERE INDICATED ON PLAN.  
WHERE CONTROL JOINTS ARE NOT INDICATED ON PLAN, PROVIDE CONTROL  
JOINTS SPACED AT 35 FEET, MAXIMUM.
11. REINFORCE ALL FOUNDATION WALLS IN ACCORDANCE WITH THE TYPICAL  
CONCRETE WALL REINFORCING DETAIL, UNLESS NOTED OTHERWISE.
12. FOUNDATION PREPARATION: REFER TO SPECIFICATIONS FOR "STRUCTURAL  
EXCAVATION, BACKFILL, AND COMPACTION (BUILDING AREA)".
13. CONCRETE WALLS SHALL ATTAIN A MINIMUM STRENGTH OF 70 % f<sub>c</sub> BEFORE  
PLACING BACKFILL AGAINST THEM.

CAST-IN-PLACE CONCRETE NOTES:

1. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, GRADE  
BEAMS, PIERS, AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL  
CONDITIONS.
2. COORDINATE CONCRETE MIX DESIGNS WITH CONCRETE MIX SCHEDULE AND  
DESIGN DATA NOTES.
3. LAP SPICE CONCRETE REINFORCEMENT AS SHOWN IN BAR LAP SPICE  
SCHEDULE, UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP UNLESS NOTED  
OTHERWISE.
4. PROVIDE CORNER BARS IN CONTINUOUS FOOTINGS, THE SAME SIZE AND  
NUMBER AS CONTINUOUS REINFORCEMENT. LAP SPICE WITH MAIN  
REINFORCEMENT AS SHOWN IN BAR LAP SPICE SCHEDULE BUT NOT LESS THAN  
2'-0".
5. EXTEND WALL FOOTING REINFORCEMENT INTO COLUMN FOOTINGS WITH A  
MINIMUM EMBEDMENT EQUAL TO THE MINIMUM BAR DEVELOPMENT LENGTH.
6. CAST STEPPED FOOTINGS MONOLITHICALLY.
7. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME  
SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN  
3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH ACI STANDARD 90  
DEGREE HOOK. LAP SPICE WITH VERTICAL REINFORCEMENT UNLESS NOTED  
OTHERWISE.
8. CAST CONCRETE PIERS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
9. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS THROUGH CONCRETE  
MEMBERS PRIOR TO PLACING CONCRETE. PROVIDE SLEEVE OR CHASE FOR  
PIPING, CONDUIT, OR DUCT PENETRATIONS. CORE DRILLING IS NOT PERMITTED.
10. DO NOT LOCATE PENETRATIONS FOR THROUGH FOOTINGS. STEP FOOTINGS  
DOWN AS REQUIRED TO LOCATE PENETRATION IN WALL.
11. DO NOT LOCATE PENETRATIONS THROUGH PIERS, COLUMNS, BEAMS OR GRADE  
BEAMS UNLESS SHOWN IN DRAWINGS OR ACCEPTED BY ENGINEER.
12. INSTALL EMBEDDED PIPES OR CONDUIT IN STRUCTURAL CONCRETE AS  
FOLLOWS:  
a. ALUMINUM CONDUITS AND PIPES ARE NOT PERMITTED.  
b. CONDUIT AND PIPE OUTSIDE DIAMETER SHALL NOT EXCEED 1/3 THE  
THICKNESS OF SLAB, BEAM OR WALL IN WHICH THEY ARE EMBEDDED.  
c. SPACE CONDUIT AND PIPE A MINIMUM OF 3 DIAMETERS (WIDTHS) ON CENTER  
OR 4 INCHES WHICHEVER IS GREATER.  
d. PROVIDE A MINIMUM OF 1 1/2 INCH COVER FOR CONCRETE EXPOSED TO  
EARTH OR WEATHER OR 3/4 INCH COVER OTHERWISE, UNLESS NOTED  
OTHERWISE.  
e. REFER TO ACI 318, SECTION 6.3 FOR ADDITIONAL REQUIREMENTS.
13. CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED  
OTHERWISE.
14. CONCRETE COVER FOR REINFORCEMENT SHALL BE AS INDICATED IN CONCRETE  
COVER SCHEDULE.

STRUCTURAL STEEL NOTES:

1. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING CONCRETE OBTAINS 75  
PERCENT OF THE MATERIAL STRENGTHS NOTED IN DESIGN DATA NOTES.
2. LOCATE ROOFTOP MECHANICAL UNITS AS SHOWN; COORDINATE WITH  
MECHANICAL DRAWINGS. NOTIFY ENGINEER IF ACTUAL UNIT WEIGHTS EXCEED  
THE WEIGHTS SHOWN ON DRAWINGS.
3. WHERE BEAM SPACING IS NOT NOTED, SPACE BEAMS EQUALLY BETWEEN  
COLUMNS OR BETWEEN COLUMNS AND WALLS.
4. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT DETAILED,  
PROVIDE CONNECTION CAPACITY FOR REACTIONS SHOWN ON DRAWINGS OR, IF  
NOT SHOWN, BASED ON EITHER ALLOWABLE STRESS DESIGN OR LOAD  
AND RESISTANCE FACTOR DESIGN AS FOLLOWS:  
A. AT LEAST 50 PERCENT OF THE ALLOWABLE UNIFORM LOAD FROM  
ALLOWABLE UNIFORM LOAD TABLES IN AISC ASD MANUAL, PART 2, FOR  
THE GIVEN STEEL MEMBER.  
B. AT LEAST 50 PERCENT OF THE MAXIMUM TOTAL FACTORED UNIFORM  
LOAD FROM MAXIMUM TOTAL FACTORED UNIFORM LOAD TABLES IN AISC  
LRFD MANUAL, PART 5, FOR THE GIVEN STEEL MEMBER.  
C. FOR BEAMS AND GIRDERS WITH SHEAR CONNECTORS, PROVIDE  
CONNECTION CAPACITY OF AT LEAST 70 PERCENT OF THE UNIFORM LOAD  
VALUES (ASD OR LRFD, AS APPROPRIATE), UNLESS INDICATED  
OTHERWISE ON DRAWINGS.  
D. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
5. PROVIDE HOT DIP GALVANIZED FASTENERS FOR GALVANIZED FRAMING  
CONNECTIONS AND STAINLESS STEEL FASTENERS FOR STAINLESS STEEL  
FRAMING CONNECTIONS.
6. FABRICATE AND ERECT STEEL IN ACCORDANCE WITH THE AISC CODE OF  
STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
7. SLOPE ROOF STEEL UNIFORMLY BETWEEN ELEVATIONS SPECIFIED ON PLANS.
8. REMOVE ALL PAINT AND OTHER DEBRIS FROM STEEL PRIOR TO FIELD WELDING  
TO STRUCTURE. FIELD WELDS AND ADJACENT AREAS SHALL BE FIELD PRIME  
AFTER INSPECTED.
9. ALL SAFETY REGULATION AND PRECAUTIONS WITH REGARDS TO FIELD  
WELDING SHALL BE COMPLIED WITH TO PROTECT EXISTING CONSTRUCTION TO  
REMAIN, FINISHES, AND ON SITE WORKERS (SCREENS & BARRIERS).
10. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR  
SHALL DETAIL A MINIMUM SIZE FILLET WELD IN ACCORDANCE WITH AWS  
STANDARDS. THE ACTUAL SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS.
11. BACKER BARS AT COMPLETE JOINT PENETRATION WELDS MUST BE REMOVED IF  
"R" IS GREATER THAN 3 OR IF STEEL IS "AESS".
12. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW BY  
ENGINEER. USE DOUBLE ANGLE SHEAR CONNECTIONS WITH 3/4" DIAMETER  
ASTM A325 BOLTS WITH AT LEAST THE FOLLOWING NUMBER OF BOLT ROWS:

BEAM SIZE	NUMBER OF BOLT ROWS
W8, W10	2
W12, W14, W16	3
W18, W21, W24	4

13. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT  
UNLESS INDICATED IN STRUCTURAL DRAWINGS.
14. BOLTED CONNECTIONS SHALL UTILIZE TYPE 3 ASTM A 325 BOLTS, UNO. ALL  
CONNECTIONS SHALL BE INSTALLED SNUG TIGHT.
15. REMOVE BURRS, DIRT, AND OTHER FOREIGN MATERIALS FROM FRAYING  
SURFACES AND SURFACES ADJACENT TO BOLT HEADS AND NUTS. BURRS LESS  
THAN OR EQUAL TO 1/16" IN HEIGHT ARE PERMITTED TO REMAIN ON FAYING  
SURFACES.
16. FABRICATE BOLTED CONNECTIONS WITH STANDARD SIZED HOLES, UNLESS  
NOTED OTHERWISE.
17. COMPLY WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH  
STRENGTH BOLTED CONNECTIONS.

COLD-FORMED METAL FRAMING NOTES:

1. MINIMUM MEMBER MATERIAL THICKNESS IS 18 GAUGE UNLESS NOTED  
OTHERWISE.
2. CUT FRAMING COMPONENTS SQUARELY OR ON AN ANGLE AS REQUIRED TO FIT  
TIGHTLY WITH FULL BEARING AGAINST ABUTTING MEMBERS. TEMPORARILY  
BRACE MEMBERS AS REQUIRED PRIOR TO FINAL FASTENING.
3. FIELD CUTTING OF MEMBERS SHALL BE PERFORMED BY SHEARING OR SAWING.  
TORCH CUTTING IS NOT ACCEPTABLE.
4. SPLICES ARE NOT PERMITTED IN STUDS, JOISTS, OR OTHER LOAD-CARRYING

MEMBERS UNLESS CALCULATIONS AND DETAILS HAVE BEEN SUBMITTED TO  
ENGINEER FOR REVIEW AND ACCEPTED.

5. WHEN COLD-FORMED STUDS ARE TO BE USED FOR TRUSS, RAFTER, OR HEADER  
APPLICATIONS, STUDS SHALL BE UN-PUNCHED THROUGH THE WEB. IT IS THE  
RESPONSIBILITY OF THE CONTRACTOR TO SPECIFY UN-PUNCHED STUDS WHEN  
ORDERING MATERIALS.
6. FIELD-INSTALLED HOLES ARE NOT PERMITTED IN MEMBERS UNLESS INDICATED  
IN DRAWINGS.
7. DO NOT SCREW OR WELD STUDS TO VERTICAL DEFLECTION TRACKS. DO NOT  
CONNECT SHEATHING TO VERTICAL DEFLECTION TRACKS. PROVIDE GAP IN  
SHEATHING TO ACCOMMODATE VERTICAL DEFLECTION.
8. ABUTTING TRACK MEMBERS SHALL BE SPICED TOGETHER USING A TYPICAL  
STUD/JOIST SCREWED TO THE TRACK ON BOTH SIDES OF JOINT. BUTT-WELDING  
IS ALSO ACCEPTABLE.
9. FOR LOAD BEARING CONSTRUCTION, THE CONTRACTOR SHALL ENSURE THAT  
ADEQUATE BRACING IS IN PLACE UNTIL SHEATHING IS ATTACHED TO BOTH STUD  
FLANGES. DO NOT OVERLOAD STUDS DURING CONSTRUCTION.
10. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ERECTION BRACING.
11. MINIMUM SCREW SPACING AND EDGE DISTANCE IS 3/4 INCH UNLESS NOTED  
OTHERWISE.
12. THE FOLLOWING SHALL BE USED FOR POWDER-ACTUATED FASTENERS IN STEEL  
UNLESS NOTED OTHERWISE:  
MINIMUM EDGE DISTANCE = 1/2 INCH  
MINIMUM FASTENER SPACING = 1 INCH
13. THE FOLLOWING SHALL BE USED FOR POWDER-ACTUATED FASTENERS IN  
CONCRETE UNLESS NOTED OTHERWISE:  
MINIMUM EDGE DISTANCE = 3 INCHES  
MINIMUM FASTENER SPACING = 4 INCHES
14. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.3 "STRUCTURAL  
WELDING CODE - SHEET STEEL".
15. MINIMUM WELD THROAT THICKNESS EQUALS THE BASE METAL THICKNESS OF  
THE THINNEST CONNECTED MATERIAL UNLESS NOTED OTHERWISE.
16. TOUCH-UP WELDS WITH GALVANIZED REPAIR PAINT.

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 SPICE JOINT REINFORCEMENT A MINIMUM OF 6 INCHES TYPICALLY.  
USE PREFABRICATED CORNERS AND TEES.
2. PLACE JOINT REINFORCEMENT CONTINUOUSLY THROUGH PILASTERS.
3. 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.
4. 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 ON DRAWINGS.
5. REINFORCE WALLS WITH # \_\_\_\_ AT \_\_\_\_ ON CENTER. SEE \_\_\_\_ FOR ELEVATION OF  
MASONRY WALL REINFORCING. LAP #4 BARS 20 INCHES. LAP #5 BARS 25 INCHES.  
LAP #6 BARS 30 INCHES.
6. FILL CORES IN HOLLOW CONCRETE MASONRY UNITS WITH GROUT THREE  
COURSES (24 INCHES) UNDER BEARING PLATES, BEAMS, LINTELS, POSTS, AND  
SIMILAR ITEMS, UNLESS OTHERWISE INDICATED.
7. PROVIDE BOND BEAM AT TOPS OF WALLS, AT EACH FLOOR, AND ELSEWHERE AS  
DETAILED.
8. FILL COLUMN AND BEAM POCKETS WITH MASONRY AFTER COLUMN OR BEAM IS  
ERECTED.
9. 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 ON DRAWINGS.
10. STRUCTURAL DRAWINGS DO NOT SHOW FLASHINGS, 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.
11. VENEER ANCHORS, TIES, WEEPS, AND FLASHING ARE INDICATED ON THE  
ARCHITECTURAL DRAWINGS AND IN THE SPECIFICATIONS UNLESS DETAILED OR  
NOTED OTHERWISE.
12. LAP REINFORCEMENT BARS AS SHOWN IN CMU BAR LAP SCHEDULE.

SHEET LIST

SHEET NUMBER	SHEET NAME
S0.01	DESIGN DATA AND GENERAL NOTES
S0.02	SPECIAL INSPECTION NOTES AND SCHEDULE
S1.00	PARTIAL FOUNDATION PLAN
S2.00	PARTIAL ROOF FRAMING PLAN
S3.00	FOUNDATION SECTIONS AND DETAILS
S3.01	FOUNDATION SECTIONS, PIER AND BASEPLATE DETAILS
S4.00	MASONRY ELEVATIONS, SECTIONS AND DETAILS
S5.00	STEEL FRAMING SECTIONS AND DETAILS
S5.01	STEEL FRAMING SECTIONS AND DETAILS

REV.	DATE	ITEM

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BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2

FOX LANE MIDDLE SCHOOL

TOWN of BEDFORD / WESTCHESTER COUNTY

DESIGN DATA AND GENERAL NOTES

PROJECT

DWG TITLE

DRAWING BY: AED  
CHECK BY: AED

NOTICE

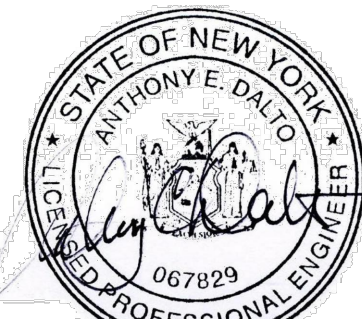
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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT: CAPITAL IMPROVEMENTS -  
BOND PHASE 2

DWG TITLE: DESIGN DATA AND  
GENERAL NOTES

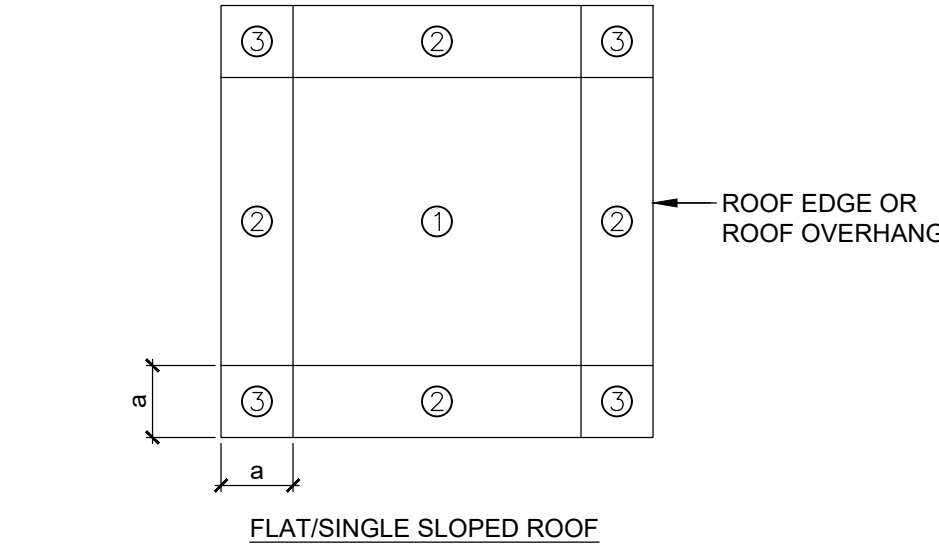
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DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025

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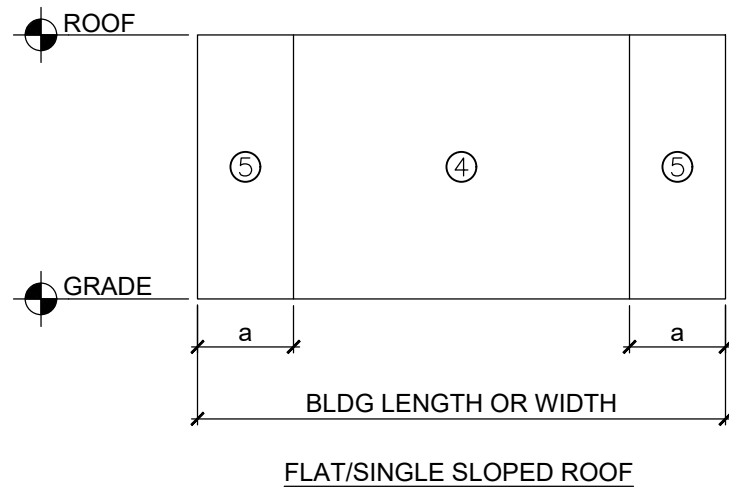
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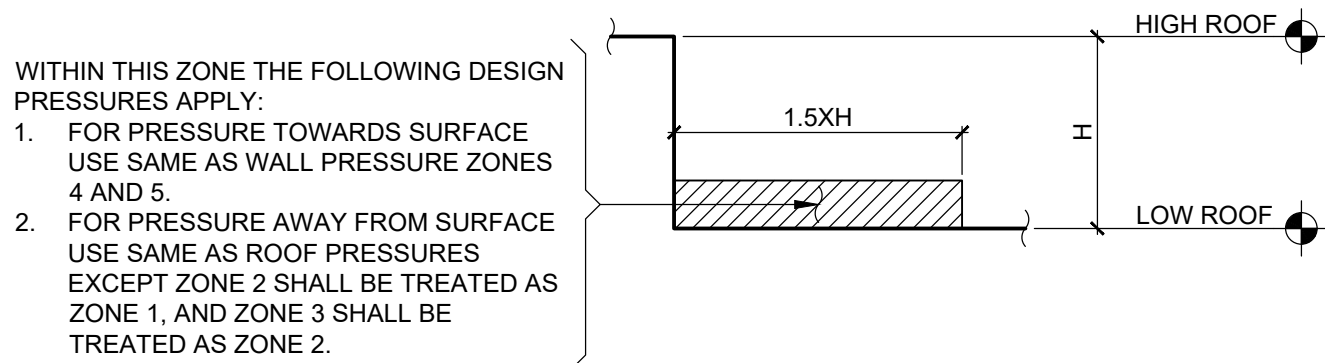
CONCRETE COVER SCHEDULE		
LOCATION	COVER	
CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	3"	
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND		
#6 BARS AND LARGER	2"	
#5 BARS AND SMALLER	1 1/2"	
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND		
SLABS, WALLS, JOIST	3/4"	
BEAMS, GIRDERS, COLUMNS, AND PIERS	1 1/2"	



**1**  
**S0.1**  
**ROOF PLAN -**  
**ROOF WIND PRESSURE ZONES**  
SCALE: 3/4"= 1'-0"  
NOTE:  
a = 10 PERCENT OF LEAST HORIZONTAL DIMENSION OR 0.4X ROOF HEIGHT WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4 PERCENT OF LEAST HORIZONTAL DIMENSION OR 3 FEET.



**2**  
**S0.1**  
**EXTERIOR WALL ELEVATION -**  
**WALL WIND PRESSURE ZONES**  
SCALE: 3/4"= 1'-0"



**3**  
**S0.1**  
**SECTION - ROOF WIND**  
**PRESSURE ZONE AT ROOF STEPS**  
SCALE: 3/4"= 1'-0"

CLASS B TENSION LAP SPLICE SCHEDULE									
BAR SIZE	f'c = 3,000 PSI				BAR SIZE	f'c = 4,000 PSI			
	TOP BAR		OTHER BAR			TOP BAR		OTHER BAR	
	CASE 1	CASE 2	CASE 1	CASE 2		CASE 1	CASE 2	CASE 1	CASE 2
#3	28	42	21	32	#3	24	36	18	28
#4	37	56	28	43	#4	32	48	25	37
#5	46	69	36	53	#5	40	60	31	46
#6	56	83	43	64	#6	48	72	37	55
#7	81	131	62	93	#7	70	105	54	81
#8	93	139	71	107	#8	80	120	62	92
#9	104	157	80	120	#9	90	136	70	104

- TABULATED VALUES ARE IN INCHES.
- TOP BARS ARE HORIZONTAL BARS PLACED WITH MORE THAN 12 INCHES OF FRESH CONCRETE PLACED BELOW THE DEVELOPMENT LENGTH OR SPLICE.
- CASE 1 APPLIES TO CLEAR SPACING GREATER THAN OR EQUAL TO 2 BAR DIAMETERS AND COVER GREATER THAN OR EQUAL TO 1 DIAMETER.
- CASE 2 APPLIES TO CLEAR SPACING LESS THAN 2 BAR DIAMETERS AND COVER LESS THAN 1 DIAMETER.
- FOR VALUES OF COVER AND SPACING BETWEEN TABULATED VALUES USE THE LONGER LAP LENGTH. DO NOT INTERPOLATE.
- CALCULATE CENTER TO CENTER SPACING OF BARS AT LAP SPLICE LOCATIONS.
- FOR EPOXY COATED BARS INCREASE THE TABULATED VALUES AS FOLLOWS: TOP BARS MULTIPLY TABULATED VALUE BY 1.3, FOR OTHER BARS MULTIPLY TABULATED VALUE BY 1.5.
- FOR LIGHTWEIGHT CONCRETE MULTIPLY TABULATED VALUE BY 1.3.

CONCRETE MIX					
APPLICATION	EXPOSURE	f'c	MAXIMUM W/C RATIO	AIR CONTENT	NOMINAL MAX. AGGREGATE SIZE (NOTE 4)
FOOTINGS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	-
EXT SLAB ON GRADE	F1	4,500 PSI	0.45	4.5% ± 1.5%	-
SLAB ON GRADE	F0	3,500 PSI	SEE NOTE 2	SEE NOTE 3	-
FOUNDATION WALLS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	-
SITE WALLS	F1	4,000 PSI	0.45	4.5% ± 1.5%	-
SLAB ON DECK	F0	3,500 PSI	SEE NOTE 2	SEE NOTE 3	-
PIERS	F0	3,000 PSI	SEE NOTE 2	4.5% ± 1.5%	-

- NOTES:
- EXPOSURE CATEGORIES AND CLASSES FOR SULFATES, PERMEABILITY AND CORROSION PROTECTION OF REINFORCEMENT IS CLASS ZERO UNLESS NOTED OTHERWISE.
  - WHERE NO MAXIMUM WATER TO CEMENT RATIO IS NOTED, PROPORTION WATER TO CEMENT RATIO FOR SPECIFIED CONCRETE MIX DESIGN STRENGTH.
  - DO NOT AIR ENTRAIN INTERIOR SLABS ON GRADE OR SLABS ON METAL DECK. AIR ENTRAINMENT IS NOT PERMITTED FOR CONCRETE TO RECEIVE HARD TROWEL FINISH AND ENTRAPPED AIR SHALL NOT EXCEED 3%. SLABS SHALL BE FINISHED TO AVOID SURFACE IMPERFECTIONS, INCLUDING BLISTERING AND DELAMINATION.
  - COARSE AGGREGATE SHALL BE AS INDICATED IN SPECIFICATIONS. MAXIMUM CONCRETE UNIT WEIGHT NOT TO EXCEED 150 POUNDS PER CUBIC FEET.

MASONRY REINFORCEMENT LAP SPLICE			
BAR LAP LENGTHS IN CMU WITH f'm = 2,000 psi			
LOCATION	#4	#5	#6
(1) BAR AT CENTER OF 8" CMU CORE OR BOND BEAM	23"	36"	73"
(1) BAR AT CENTER OF 8" CMU CORE OR BOND BEAM	23"	27"	50"
(1) BAR AT CENTER OF 12" CMU CORE OR BOND BEAM	23"	36"	73"
(2) BARS IN 8" CMU CORE LOCATED 5" FROM EACH FACE SHELL	23"	36"	73"
(2) BARS IN 12" CMU CORE LOCATED 9" FROM EACH FACE SHELL	23"	36"	73"
(2) BARS IN 8", 10", 12" BOND BEAMS LOCATED 3/4" FOR INSIDE FACE OF FACE SHELL	22"	22"	22"

BAR LAP LENGTHS IN CMU WITH f'm = 1,500 psi			
LOCATION	#4	#5	#6
(1) BAR AT CENTER OF 8" CMU CORE OR BOND BEAM	23"	36"	73"
(1) BAR AT CENTER OF 8" CMU CORE OR BOND BEAM	23"	27"	50"
(1) BAR AT CENTER OF 12" CMU CORE OR BOND BEAM	23"	36"	73"
(2) BARS IN 8" CMU CORE LOCATED 5" FROM EACH FACE SHELL	23"	36"	73"
(2) BARS IN 12" CMU CORE LOCATED 9" FROM EACH FACE SHELL	23"	36"	73"
(2) BARS IN 8", 10", 12" BOND BEAMS LOCATED 3/4" FOR INSIDE FACE OF FACE SHELL	22"	22"	22"

DESIGN WIND PRESSURE FOR EXTERIOR COMPONENTS AND CLADDING MATERIALS				
ROOF SLOPE	SURFACE	EFFECTIVE WIND AREA (sf)	WIND PRESSURE TOWARD SURFACE (psf)	WIND PRESSURE AWAY FROM SURFACE (psf)
0° TO 7°	ZONE 1 ROOF	10 20 50 100	10 10 10 10	17 16 16 15
	ZONE 2 ROOF EDGES	10 20 50 100	10 10 10 10	28 25 21 18
	ZONE 2 ROOF OVERHANG AT ROOF EDGES	10 20 50 100	0 0 0 0	24 24 23 23
	ZONE 3 ROOF CORNERS	10 20 50 100	10 10 10 10	42 35 31 18
	ZONE 3 ROOF OVERHANG AT ROOF CORNERS	10 20 50 100	0 0 0 0	40 31 25 12
	ZONE 1 ROOF	10 20 50 100	10 10 10 10	15 15 14 14
> 7° TO 27°	ZONE 2 ROOF EDGES	10 20 50 100	10 10 10 10	27 25 22 20
	ZONE 2 ROOF OVERHANG AT ROOF EDGES	10 20 50 100	0 0 0 0	31 31 31 31
	ZONE 3 ROOF CORNERS	10 20 50 100	10 10 10 10	39 37 33 31
	ZONE 3 ROOF OVERHANG AT ROOF CORNERS	10 20 50 100	0 0 0 0	53 47 41 36
	ZONE 1 ROOF	10 20 50 100	15 15 14 14	15 16 15 14
	ZONE 2 ROOF EDGES	10 20 50 100	15 15 14 14	20 19 18 17
> 27° TO 45°	ZONE 2 ROOF OVERHANG AT ROOF EDGES	10 20 50 100	0 0 0 0	28 28 26 25
	ZONE 3 ROOF CORNERS	10 20 50 100	15 15 14 14	20 19 18 17
	ZONE 3 ROOF OVERHANG AT ROOF CORNERS	10 20 50 100	0 0 0 0	28 28 26 25
	ZONE 4 WALL	10 20 50 100	17 16 16 16	18 17 16 16
	ZONE 5 WALL CORNERS	10 20 50 100	17 16 15 14	22 21 19 17
	ZONE 5 WALL CORNERS	10 20 50 100	17 16 15 14	17 17 13 13

HOT WEATHER MASONRY CONSTRUCTION REQUIREMENTS		
	CONSTRUCTION - BASED ON AMBIENT TEMPERATURES	PROTECTION - BASED ON ANTICIPATED MEAN DAILY TEMPERATURES
BELOW 90°F	1. NORMAL MASONRY PROCEDURES	1. NORMAL MASONRY PROCEDURES
90°F - 105°F	1. MAINTAIN SAND PILES IN A DAMP, LOOSE CONDITION.	1. FOG SPRAY NEWLY CONSTRUCTED MASONRY UNTIL DAMP, AT LEAST THREE TIMES A DAY UNTIL THE MASONRY IS THREE DAYS OLD.
	2. PROVIDE NECESSARY CONDITIONS AND EQUIPMENT TO PRODUCE MORTAR HAVING A TEMPERATURE BELOW 120°F.	
	3. MAINTAIN TEMPERATURE OF MORTAR AND GROUT BELOW 120°F.	
	4. FLUSH MIXER, MORTAR TRANSPORT CONTAINER, AND MORTAR BOARDS WITH COOL WATER BEFORE THEY COME INTO CONTACT WITH MORTAR INGREDIENTS OR MORTAR.	
	5. MAINTAIN MORTAR CONSISTENCY BY RETEMPERING WITH COOL WATER.	
	6. USE MORTAR WITHIN 2 HOURS OF INITIAL MIXING.	
ABOVE 105°F	1. MAINTAIN SAND PILES IN A DAMP, LOOSE CONDITION.	1. FOG SPRAY NEWLY CONSTRUCTED MASONRY UNTIL DAMP, AT LEAST THREE TIMES A DAY UNTIL THE MASONRY IS THREE DAYS OLD.
	2. PROVIDE NECESSARY CONDITIONS AND EQUIPMENT TO PRODUCE MORTAR HAVING A TEMPERATURE BELOW 120°F.	
	3. SHADE MATERIALS AND MIXING EQUIPMENT FROM DIRECT SUNLIGHT.	
	4. USE COOL MIXING WATER FOR MORTAR AND GROUT. ICE IS PERMITTED IN THE MIXING WATER PRIOR TO USE. DO NOT PERMIT ICE IN THE MIXING WATER WHEN ADDED TO THE OTHER MORTAR OR GROUT MATERIALS.	

COLD WEATHER MASONRY CONSTRUCTION REQUIREMENTS		
	CONSTRUCTION - BASED ON AMBIENT TEMPERATURES	PROTECTION - BASED ON ANTICIPATED MEAN DAILY TEMPERATURES
ABOVE 40°F	1. NORMAL MASONRY PROCEDURES	1. NORMAL MASONRY PROCEDURES
40°F - 32°F	1. HEAT MORTAR AND MIXING WATER TO PRODUCE MORTAR TEMPERATURE BETWEEN 40°F AND 120°F AT TIME OF MIXING. MAINTAIN MORTAR ABOVE 40°F UNTIL USED IN MASONRY.	1. COVER TOP 2 FEET OF UNFINISHED MASONRY WORK WITH A WATER RESISTIVE MEMBRANE FOR AT LEAST 24 HOURS AND AT THE END OF EACH DAY'S WORK.
32°F - 25°F	1. HEAT MORTAR AND MIXING WATER TO PRODUCE MORTAR TEMPERATURE BETWEEN 40°F AND 120°F AT TIME OF MIXING. MAINTAIN MORTAR ABOVE 40°F UNTIL USED IN MASONRY.	1. COVER TOP 2 FEET OF UNFINISHED MASONRY WORK WITH A WATER RESISTIVE MEMBRANE FOR AT LEAST 24 HOURS AND AT THE END OF EACH DAY'S WORK.
25°F - 20°F	1. HEAT MORTAR AND MIXING WATER TO PRODUCE MORTAR TEMPERATURE BETWEEN 40°F AND 120°F AT TIME OF MIXING. MAINTAIN MORTAR ABOVE 40°F UNTIL USED IN MASONRY.	1. COVER NEWLY CONSTRUCTED MASONRY (LESS THAN 48 HOURS OLD) COMPLETELY WITH WEATHER-RESISTIVE INSULATING BLANKETS, OR EQUAL PROTECTION, FOR AT LEAST 48 HOURS AFTER CONSTRUCTION OF WORK.
BELOW 20°F	1. HEAT MORTAR AND MIXING WATER TO PRODUCE MORTAR TEMPERATURE BETWEEN 40°F AND 120°F AT TIME OF MIXING. MAINTAIN MORTAR ABOVE 40°F UNTIL USED IN MASONRY.	1. COVER NEWLY CONSTRUCTED MASONRY (LESS THAN 48 HOURS OLD) COMPLETELY WITH WEATHER-RESISTIVE INSULATING BLANKETS, OR EQUAL PROTECTION, FOR AT LEAST 48 HOURS AFTER CONSTRUCTION OF WORK.
	2. HEAT GROUT AGGREGATES AND MIXING WATER TO PRODUCE GROUT TEMPERATURE BETWEEN 70°F AND 120°F AT TIME OF MIXING.	2. MAINTAIN NEWLY CONSTRUCTED MASONRY (LESS THAN 48 HOURS OLD) ABOVE 32°F FOR AT LEAST 48 HOURS AFTER BEING CONSTRUCTED USING HEATED ENCLOSURES OR OTHER ACCEPTABLE METHODS.
	3. MAINTAIN GROUT TEMPERATURES ABOVE 70°F AT TIME OF PLACEMENT.	3. PROVIDE HIGH-LOW RECORDING THERMOMETERS TO DOCUMENT TEMPERATURES OF MASONRY.
	4. HEAT MASONRY SURFACES UNDER CONSTRUCTION OT 40°F, AND USE WIND BREAKS OR ENCLOSURES WHEN WIND VELOCITY EXCEEDS 15 MPH.	
	5. HEAT MASONRY TO A MINIMUM OF 40°F PRIOR TO GROUTING.	
	6. PROVIDE AN ENCLOSURE AND AUXILIARY HEAT TO MAINTAIN AIR TEMPERATURE ABOVE 40°F IN ENCLOSURE.	

- NOTES:
- DO NOT LAY MASONRY UNITS HAVING EITHER A TEMPERATURE BELOW 40°F OR CONTAINING FROZEN MOISTURE, VISIBLE ICE, OR SNOW ON THEIR SURFACE.
  - REMOVE VISIBLE ICE AND SNOW FROM THE TOP SURFACE OF EXISTING FOUNDATIONS AND MASONRY TO RECEIVE NEW CONSTRUCTION. HEAT THESE SURFACES ABOVE FREEZING USING METHODS THAT DO NOT RESULT IN DAMAGE.
  - DO NOT LAY GLASS MASONRY WHEN THE AMBIENT TEMPERATURE IS BELOW 40°F.

REV.	DATE	ITEM

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**PROJECT**  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**  
DESIGN DATA AND GENERAL NOTES

DRAWING BY: AED  
CHECK BY: AED

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**SED No.** 66-01-02-06-0-007-013

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** CAPITAL IMPROVEMENTS - BOND PHASE 2

**DWG TITLE** DESIGN DATA AND GENERAL NOTES

**SCALE:** AS NOTED

**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No:** 23-131b **FLMS**

**S0.02**



STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION NOTES:

1. THE SCHEDULE OF SPECIAL INSPECTIONS, AND SPECIAL INSPECTION NOTES INDICATE THE REQUIRED STRUCTURAL TESTS AND INSPECTIONS FOR THE PROJECT AND SHALL BE CONSIDERED THE STATEMENT OF SPECIAL INSPECTIONS. THE FOLLOWING TYPES OF CONSTRUCTION REQUIRE INSPECTION:

- A. SOILS AND FOUNDATIONS  
B. CAST-IN-PLACE CONCRETE  
C. COLD-FORMED METAL FRAMING  
D. MASONRY  
E. STRUCTURAL STEEL

2. THE OWNER WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE "2020 BUILDING CODE OF NEW YORK STATE".

3. STRUCTURAL TESTS AND SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE "2020 BUILDING CODE OF NEW YORK STATE" AND AS INDICATED IN THE SCHEDULE OF SPECIAL INSPECTIONS. THE SPECIAL INSPECTOR, INSPECTION AGENT OR TESTING AGENT SHALL BE A QUALIFIED PERSON OR AGENCY WHO HAVE RELEVANT CERTIFICATIONS, QUALIFICATIONS AND EXPERIENCE FOR EACH CATEGORY OF TESTING OR INSPECTION TO BE PERFORMED. ALL PERSONNEL PERFORMING SPECIAL INSPECTIONS AND TESTING ARE SUBJECT TO THE APPROVAL OF THE CODE ENFORCEMENT OFFICIAL. SUBMIT CREDENTIALS OF SPECIAL INSPECTORS AND TESTING TECHNICIANS FOR REVIEW WHEN REQUESTED.

4. THE SPECIAL INSPECTOR SHALL BE A PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF BUILDINGS AND REGISTERED IN THE STATE OF NEW YORK.

5. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 7 DAYS PRIOR TO THE START OF CONSTRUCTION TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS, NOTIFICATIONS, AND REPORTING PROCEDURES FOR THE PROJECT. ATTENDEES SHALL INCLUDE THE REGISTERED DESIGN PROFESSIONAL FOR STRUCTURAL ENGINEERING AND FOR ARCHITECTURE, OWNER OR OWNER'S REPRESENTATIVE, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUB-CONTRACTORS. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.

6. SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED ON A CONTINUOUS OR PERIODIC BASIS DURING THE PERFORMANCE OF THE WORK, AS INDICATED IN THE SCHEDULE. CONTINUOUS AND PERIODIC INSPECTIONS SHALL BE DEFINED AS FOLLOWS:

- A. CONTINUOUS SPECIAL INSPECTION IS THE FULL TIME OBSERVATION OF WORK WHILE THE WORK IS BEING PERFORMED.  
B. PERIODIC SPECIAL INSPECTION IS THE PART-TIME OBSERVATION OF WORK WHILE THE WORK IS BEING PERFORMED OR AFTER IT HAS BEEN COMPLETED.

7. THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR OR TESTING AGENCY AT LEAST 48 HOURS IN ADVANCE OF A REQUIRED INSPECTION OR TEST.

8. THE CONTRACTOR SHALL COOPERATE WITH SPECIAL INSPECTOR AND TESTING AGENCIES INCLUDING ADVANCE NOTIFICATION OF REQUIRED INSPECTION OR TEST, PROVIDING INCIDENTAL LABOR, AND SAFE ACCESS TO THE WORK AREAS INCLUDING SCAFFOLDING, AND ACCESS TO CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT HINDRANCE.

9. THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES FOR CORRECTIVE ACTION. REPORTS SHALL NOTE WHEN AND HOW DEFICIENCIES WERE CORRECTED. ITEMS IMMEDIATELY CORRECTED AND SUBSEQUENTLY INSPECTED OR TESTED NEED NOT BE IDENTIFIED AS A NON-COMFORMANCE ITEM.

10. IF NON-COMFORMING WORK IS NOT CORRECTED WHILE SPECIAL INSPECTOR OR TESTING AGENT IS ON SITE, SPECIAL INSPECTOR OR TESTING AGENT SHALL NOTIFY REGISTERED DESIGN PROFESSIONAL AND CODE ENFORCEMENT OFFICIAL WITHIN 24 HOURS AND ISSUE A REPORT NOTING THE NON-COMFORMANCE.

11. CONTRACTOR SHALL PERFORM REMEDIAL/CORRECTIVE WORK IF REQUIRED AND SIGN NON-COMFORMANCE OR FIELD REPORTS STATING REMEDIAL/CORRECTIVE WORK HAS BEEN COMPLETED. CONTRACTOR SHALL SUBMIT SIGNED REPORTS TO THE REGISTERED DESIGN PROFESSIONAL AND SPECIAL INSPECTOR AS WORK PROCEEDS.

12. THE SPECIAL INSPECTOR OR TESTING AGENCY SHALL SUBMIT INTERIM REPORTS TO THE REGISTERED DESIGN PROFESSIONAL, CODE ENFORCEMENT OFFICIAL, AND SPECIAL INSPECTOR (IF PREPARED BY A TESTING AGENCY) WITHIN 7 DAYS OF INSPECTION. REPORTS SHALL BE SIGNED BY THE PERSON PERFORMING THE INSPECTION OR TEST AND THE PERSON SUPERVISING.

13. SPECIAL INSPECTOR AND EACH TESTING AGENT SHALL USE A LOG TO RECORD AND TRACK NON-COMFORMING WORK DURING CONSTRUCTION. AN UPDATED LOG SHALL BE ATTACHED TO EACH REPORT. NON-COMFORMANCE LOG SHALL INCLUDE THE FOLLOWING INFORMATION:

- DESCRIPTION OF NON-COMFORMANCE  
-DATE OF NON-COMFORMANCE  
-DESCRIPTION OF RDP RESPONSE, IF RECEIVED  
-STATUS OF NON-COMFORMANCE: 'OPEN' OR 'CLOSED'.

14. IF NON-COMFORMING WORK IS NOT CORRECTED AT TIME OF SUBSTANTIAL COMPLETION OF STRUCTURE OR OTHER APPROPRIATE TIME, SPECIAL INSPECTOR SHALL NOTIFY CODE ENFORCEMENT OFFICIAL AND REGISTERED DESIGN PROFESSIONAL.

15. AT THE COMPLETION OF SPECIAL INSPECTIONS, A FINAL REPORT OF SPECIAL INSPECTIONS SHALL BE PREPARED BY THE SPECIAL INSPECTOR AND EACH TESTING AGENCY PERFORMING INSPECTIONS. THE FINAL REPORT SHALL INDICATE THE INSPECTIONS PERFORMED, NON-COMFORMANCES HAVE BEEN REPORTED AND RESOLVED OR IDENTIFY ANY UNRESOLVED NON-COMFORMANCE ITEMS. THE FINAL REPORT SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL(S), CODE ENFORCEMENT OFFICIAL, AND SPECIAL INSPECTOR (IF PREPARED BY A TESTING AGENCY).

16. THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

17. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SITE SAFETY.

SCHEDULE OF SPECIAL INSPECTIONS:

SOILS AND FOUNDATIONS:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. VERIFY SITE PREPARATION IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL EVALUATION:			
A. IDENTIFY SOILS REQUIRING UNDERCUTTING AND REPLACING WHILE OBSERVING PROOF ROLLING AND WHEN SUBGRADE IS EXPOSED.		CONT	
B. VERIFY FOOTING BEARING STRATA		PERIODIC	
C. REVIEW AND ACCEPT FILL MATERIALS		PERIODIC	
D. OBSERVE AND ACCEPT BACKFILLING AND COMPACTION PROCEDURES		CONT	
E. OBSERVE AND ACCEPT PREPARATION OF SLAB SUBGRADE AND SUBBASE		CONT	
F. VERIFY USE OF FILL MATERIAL AND LIFT THICKNESS IN FIELD		PERIODIC	
2. COMPACTION AND MOISTURE CONTENT TESTING:	ASTM D 1557 ASTM D 6938		
A. TEST OF SUBGRADE AT FOOTINGS			EACH SPREAD FOOTING AND EACH 20-FOOT LENGTH OF STRIP FOOTING
B. TEST OF SUBGRADE AND SUBBASE BELOW SLABS			EACH 2000 SF OF SLAB-ON-GRADE, BUT NOT LESS THAN 4 TESTS
C. FILL MATERIALS			EACH 2000 SF OF BUILDING AREA, BUT NOT LESS THAN 4 TESTS FOR EACH LIFT

CAST-IN-PLACE CONCRETE:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. INSPECT REINFORCING STEEL, INCLUDING SIZE, SPACING, AND PLACEMENT			
A. FOOTINGS, FOUNDATION WALLS AND PIERS		PERIODIC	50% OF FOOTINGS
B. SLABS ON GRADE		PERIODIC	50% OF SLAB AREA
C. SLABS ON DECK		PERIODIC	50% OF SLAB AREA
D. STRUCTURAL SLABS		PERIODIC	100% OF SLAB
2. INSPECT ANCHOR RODS PRIOR TO PLACEMENT OF CONCRETE			
A. AT COLUMN BASE PLATES, BEAM POCKETS AND ELSEWHERE WHERE ANCHORS ARE SUBJECT TO SHEAR OR TENSION		PERIODIC	50% OF ANCHORS
B. AT COLUMNS IN BRACED FRAMES		PERIODIC	100% OF ANCHORS
3. VERIFY USE OF ACCEPTED DESIGN MIX			
4. SAMPLE AND TEST FRESH CONCRETE	ASTM C 172 ASTM C 31 ASTM C 94	CONT	
A. TAKE SIX CYLINDERS			EACH 50 CY OR EACH 5,000 SF OF SLAB FOR EACH CLASS OF CONCRETE
B. RECORD TIME CONCRETE IS BATCHED, SAMPLED AND TRUCK IS EMPTY			EACH TRUCK
C. PERFORM SLUMP TEST			ONE TEST EACH TRUCK; TWO TESTS IF CONCRETE IS PUMPED - ONE AT TRUCK AND ONE AT HOSE END
D. MEASURE AIR CONTENT	ASTM C 231		EACH TRUCK
E. RECORD CONCRETE AND AMBIENT AIR TEMPERATURE			EACH TRUCK
F. RECORD UNIT WEIGHT OF CONCRETE	ASTM C 138 ASTM C 567		1 TEST EACH CLASS OF CONCRETE FOR EACH DAY
G. PERFORM COMPRESIVE STRENGTH TESTS	ASTM C 39		TEST 2 CYLINDERS AT 7 DAYS AND AT 28 DAYS - RETAIN REMAINING CYLINDERS & TEST AS DIRECTED
5. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	ACI 318 5.9, 5.10	CONT	EACH PLACEMENT
6. INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	ACI 318 5.11, 5.13	PERIODIC	EACH PLACEMENT
7. INSPECT AND TEST CONCRETE SLABS ON GRADE AND METAL DECK			
A. FLOOR FLATNESS AND LEVELNESS	ASTM E 1155	PERIODIC	ENTIRE SLAB AREA
B. MOISTURE VAPOR EMISSION AND ALKALINITY	ASTM F 1869 ASTM F 710	PERIODIC	ENTIRE SLAB AREA
8. INSPECT WELDING OF REINFORCING STEEL	AWS D1.4		SEE STEEL SPECIAL INSPECTION TABLE

STRUCTURAL STEEL, STEEL JOIST, JOIST GIRDERS, AND METAL DECK:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. VERIFY FABRICATOR(S) MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES	AISC 360-10 CHAPTER N	PERIODIC	
2. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS:		PERIODIC	ALL BOLTS
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS			
B. MANUFACTURE'S CERTIFICATE OF COMPLIANCE			
C. TEST 3-HIGH STRENGTH BOLT ASSEMBLIES FROM EACH LOT FOR USE AT PRETENSIONED AND SLIP CRITICAL JOINTS			
3. INSPECTION OF HIGH-STRENGTH BOLTSING:	AISC 360-10 N5.6		
A. BEARING TYPE CONNECTIONS		PERIODIC	100% OF JOINTS
B. SLIP-CRITICAL CONNECTIONS, INCLUDING PREPARATION OF THE FAYING SURFACES AND TIGHTENING		CONT	
4. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND METAL DECK:	ASTM A 6, A 568 OR A 653		
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN CONSTRUCTION DOCUMENTS		PERIODIC	100% OF JOINTS
B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED		PERIODIC	100% OF JOINTS
5. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:	AISC 360-10 A3.5		
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFIED IN CONSTRUCTION DOCUMENTS		CONT	
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED			
6. INSPECTION OF WELDING OF STRUCTURAL STEEL:	AISC 360-10, NSA N5.5 AWS D1.1		
A. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS, 100% VISUAL INSPECTION AND 10% ULTRASONIC TESTING	ASTM E 587	PERIODIC	CONTINUOUS INSPECTION FOR UT TESTING
B. FILLET WELDS: 100% VISUAL INSPECTION AND 10% MAGNETIC PARTICAL TESTING	ASTM E 709 AWS D1.1		
1. SINGLE PASS (5/16 OR LESS)		PERIODIC	
2. MULTIPASS (GREATER THAN 5/16)		CONT	
C. METAL DECK WELDS	AWS D1.3		50% OF WELDS
D. SHEAR CONNECTOR WELDS	AISC 360-10 N6	PERIODIC	VERIFY 50% OF CONNECTOR WELDS. HAMMER BEND TEST TO BE PERFORMED BY CONTRACTOR.
7. INSPECTION OF ERECTED STEEL FRAME:	AISC 360-10 N5.7	PERIODIC	100% OF FRAME
A. JOINT DETAILS FOR COMPLIANCE WITH ACCEPTED CONSTRUCTION DOCUMENTS			
B. BRACED FRAMES AND MOMENT FRAMES			
C. APPLICATION OF JOINT DETAILS AT EACH JOINT			
8. INSPECT CONDITION OF ERECTED MATERIALS		PERIODIC	100% OF MATERIALS
9. VERIFY COLUMN PLUMBNESS AND SPLICES		PERIODIC	100% OF COLUMNS
10. INSPECTION OF METAL DECK, INCLUDING SIZE AND SPACING OF MECHANICAL FASTENERS	AISC 360-10 N6	PERIODIC	100% OF DECK

MASONRY (LEVEL C):

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THE FOLLOWING TO ENSURE COMPLIANCE WITH CONTRACT DOCUMENTS:			
A. PROPORTION OF SITE PREPARED MORTAR	TMS 602 ART 2.6A	PERIODIC	FIRST 5 DAYS OF MASONRY CONSTRUCTION AND TWICE PER WEEK FOR EVERY 2,500 SF OF WALL
B. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS	TMS 602 ART 3.5B	PERIODIC	FIRST 3 DAYS OF MASONRY CONSTRUCTION AND TWICE PER WEEK FOR EVERY 2,500 SF OF WALL
C. LOCATION OF REINFORCEMENT AND CONNECTORS	TMS 602 ART 3.4, 3.6A	PERIODIC	50% OF WALL
2. PRIOR TO GROUTING, VERIFY THE FOLLOWING ARE IN COMPLIANCE:			
A. GROUT SPACE	TMS 602 ART 3.2 D & F	CONT	
B. GRADE, TYPE AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS	TMS 602 ART 2.4, 3.4	PERIODIC	
C. PLACEMENT OR REINFORCEMENT, AND CONNECTORS	TMS 602-ART 3.2E, 3.4, 3.6A	CONT	
D. PROPORTIONS OF SITE PREPARED GROUT	TMS 602 ART 2.6B	PERIODIC	
E. CONSTRUCTION OF MORTAR JOINTS	TMS 602 ART 3.3B	PERIODIC	
3. VERIFY THE FOLLOWING DURING CONSTRUCTION:			
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS	TMS 602 ART 3.3F	PERIODIC	
B. TYPE SIZE AND LOCATION OF ANCHORS, INCLUDING DETAILS OF ANCHORAGE TO STRUCTURAL MEMBERS, FRAMES AND OTHER CONSTRUCTION	TMS 402 - Sec 1.2.1(a), 6.1.4.3, 6.2.1	CONT	
C. PLACEMENT OF GROUT	TMS 602 ART 3.5	CONT	
D. PROTECTION OF MASONRY DURING HOT AND COLD WEATHER	TMS 602 ART 1.8C & D	PERIODIC	
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	TMS 602 - ART 1.2B, 1.4B.3, 1.4B.4	CONT	

COLD FORMED METAL FRAMING:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. VERIFY FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES FOR PREFABRICATED WALL PANELS		PERIODIC	EACH FABRICATOR
2. INSPECT FRAMING AS FOLLOWS:	ASTM A 90	PERIODIC	3 RANDOM TESTS FOR EACH MEMBER TYPE, SIZE, AND GAUGE
A. MEMBER SIZE AND MATERIAL THICKNESS			
B. WEIGHT OF GALVANIZING COATING			
3. VERIFY MATERIAL CONFORMS TO ASTM STANDARDS AND ACCEPTED CONSTRUCTION DOCUMENTS		PERIODIC	
4. INSPECT ERECTED FRAMING, CONNECTION AND CONNECTORS:			
A. JOINT DETAILS FOR COMPLIANCE WITH ACCEPTED CONSTRUCTION DOCUMENTS		PERIODIC	50% OF JOINTS
B. STRAP BRACING AND HOLD DOWN CONNECTORS		PERIODIC	100% OF JOINTS
C. APPLICATION AT JOINT DETAIL AT EACH CONNECTION		PERIODIC	50% OF JOINTS
5. INSPECT WELDING OF COLD-FORMED METAL FRAMING	AWS D1.3	PERIODIC	50% OF WELDS
6. INSPECT CONDITION OF ERECTED FRAMING		PERIODIC	50% OF FRAMING

REV.	DATE	ITEM

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BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL

TOWN of BEDFORD / WESTCHESTER COUNTY

SPECIAL INSPECTION NOTES AND SCHEDULE

PROJECT

DWG TITLE

DRAWING BY: AED  
CHECK BY: AED

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

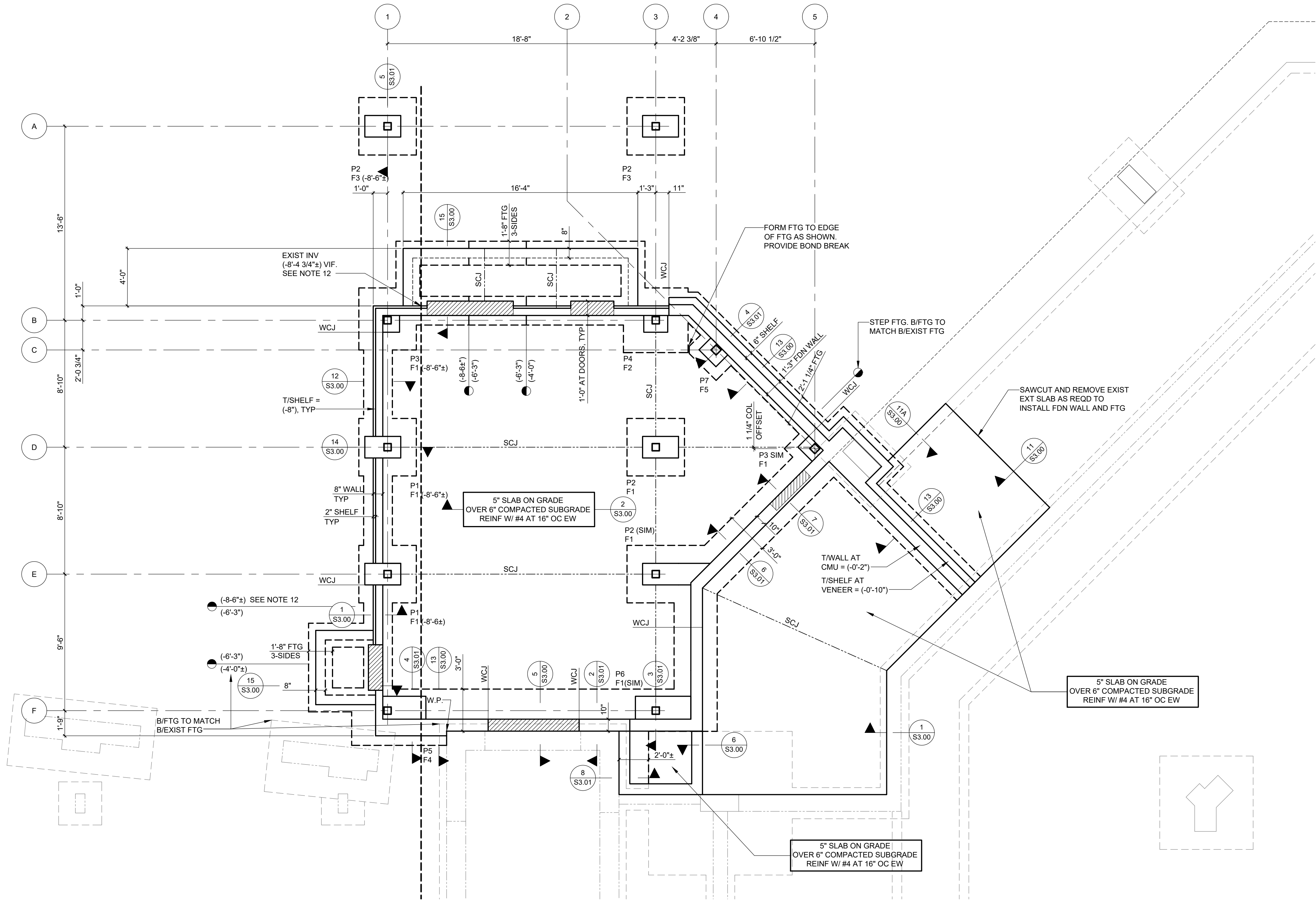
PROJECT: CAPITAL IMPROVEMENTS - BOND PHASE 2

DWG TITLE: SPECIAL INSPECTION NOTES AND SCHEDULE

SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS

S0.03





**FOUNDATION PLAN LEGEND**

F# INDICATES FOOTING TYPE OR DESIGNATION. SEE FOOTING SCHEDULE THIS DRAWING FOR SIZE AND REINFORCING. SEE DETAILS ON DRAWINGS S3.00 AND S3.01 FOR ADDITIONAL INFORMATION.

P# INDICATES PIER TYPE OR DESIGNATION. SEE DRAWING 9/S3.01 FOR PIER DETAILS.

HIGH LOW INDICATES STEPPED FOOTING LOCATION AND ASSOCIATED T/FOOTING ELEVATIONS. SEE DETAIL 7/S3.00.

INDICATES LOCATION OF RECESSED FOUNDATION WALL FOR SLAB OVERPOUR. T/WALL AT RECESS IS 8" BELOW T/SLAB SPECIFIED, UNLESS NOTED OTHERWISE. SEE DETAIL 5/S3.00, 6/S3.00, AND 15/S3.00 FOR ADDITIONAL INFORMATION.

SCJ INDICATES SLAB CONTROL OR CONTRACTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS. SEE TYPICAL DETAILS ON DRAWING S3.00 FOR MORE INFORMATION.

WCJ INDICATES FOUNDATION WALL CONTROL OR CONSTRUCTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND MASONRY WALL CONTROL JOINT LOCATIONS. SEE 9/S3.00 AND 10/S3.00 FOR MORE INFORMATION.

**ENTRY FOUNDATION PLAN**

1/4" = 1'-0"

**NOTES:**

1. EXIST FINISHED FLOOR ELEVATION (±22.30' ±) EQUALS REFERENCE ELEVATION (0'-0"). T/SLAB ELEVATION (0'-0"). TYPICAL UNLESS NOTED OTHERWISE.
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0'-0").
3. T/EXTERIOR FOOTING (4'-0") TYPICAL UNLESS NOTE OTHERWISE. F - INDICATES FOOTING TYPE. SEE S1.00 FOR FOOTING SCHEDULE. T/WALL ELEVATION (0'-2") TYPICAL UNLESS NOTED OTHERWISE. T/SHLEF ELEVATION (0'-5") TYPICAL UNLESS NOTED OTHERWISE.
4. T/PIER ELEVATION (0'-8") TYPICAL UNLESS NOTED OTHERWISE. P - INDICATES PIER TYPE. SEE S3.01 FOR PIER AND BASEPLATE DETAILS.
5. W.P. - INDICATES WORK POINT FOR ADDITION LAYOUT.
6. WCJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION; ALIGN WITH MASONRY WALL CONTROL JOINTS. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
7. SEE 8/S3.00 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS. DRILL AND GROUT WALL AND FOOTING REINFORCING 6" INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING).
8. 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 ON THE STRUCTURAL DRAWINGS.
9. PROVIDE (1) #4X4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON GRADE.
10. STEP FOOTING TO LOCATE PIPE THROUGH FOUNDATION WALL. PROVIDE SLEEVE TO SUIT PIPE DIAMENTS. FIELD VERIFY EXISTING PIPE INVERT ELEVATION.
11. SEE S0.01 FOR ADDITIONAL NOTES.

ENTRY COLUMN FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
F1	4'-0"x4'-0"x1'-0"	(5) #5 EA WAY	BOTTOM
F2	4'-6"x4'-6"x1'-0"	(6) #5 EA WAY	BOTTOM
F3	4'-0"x4'-0"x1'-6"	(5) #5 EA WAY	TOP AND BOTTOM
F4	6'-0"x4'-0"x1'-0"	#5 AT 1'-0" OC, EA WAY	BOTTOM
F5	3'-0"x3'-0"x1'-0"	(4) #4 EA WAY	BOTTOM

REV. DATE ITEM

NOTICE

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KEY PLAN

NOT TO SCALE

PROJECT

DWG TITLE

DRAWING BY: AED

CHECK BY: AED

NOTICE

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SEAL

SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE FOUNDATION PLAN

SCALE: AS NOTED

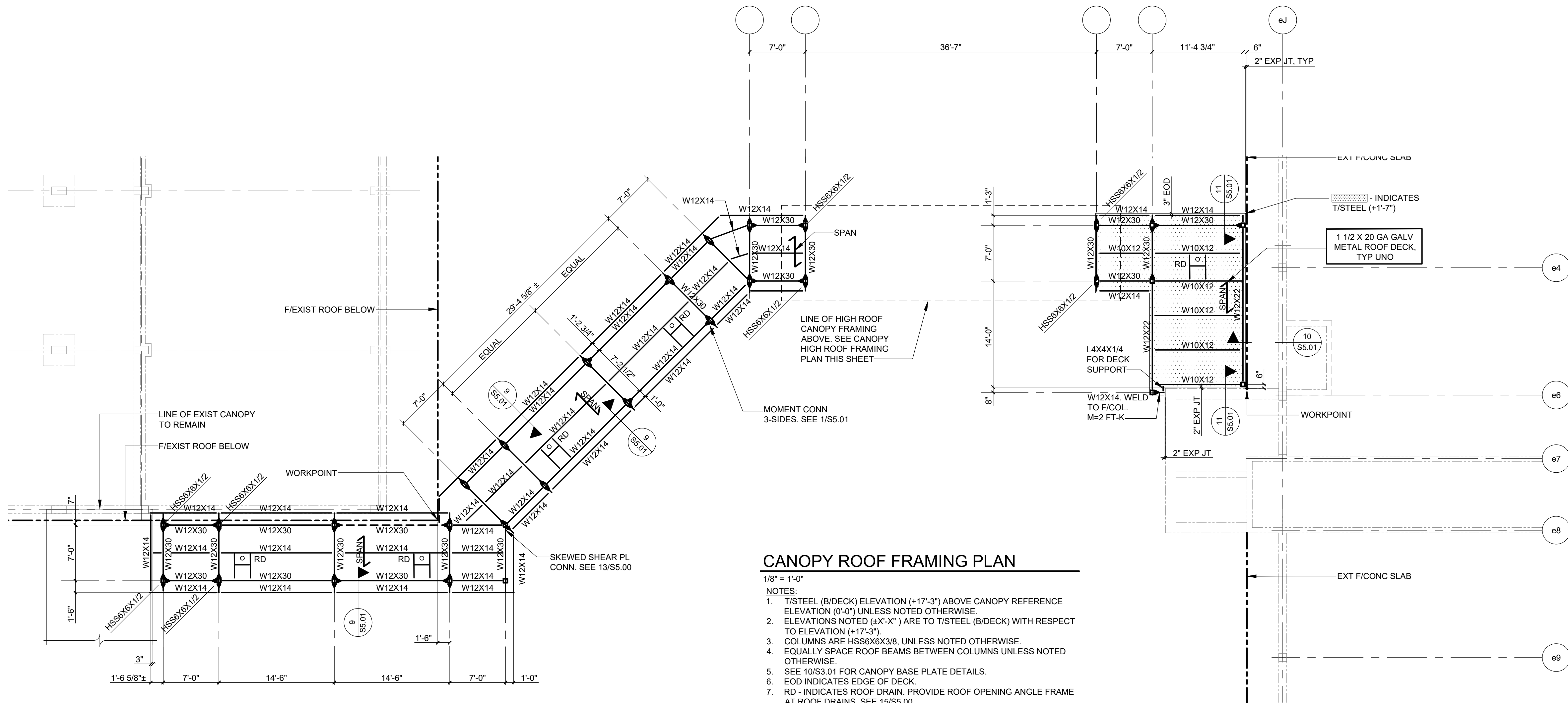
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

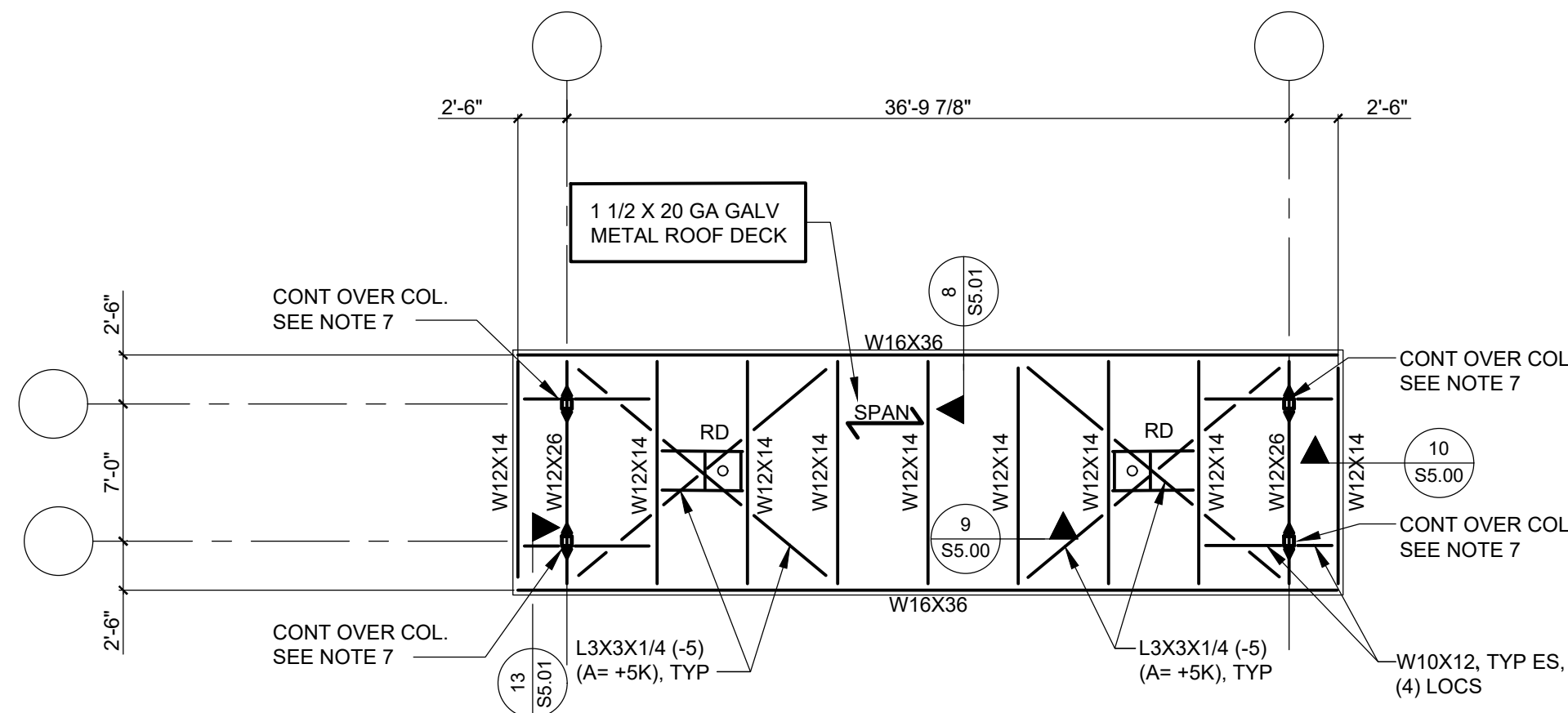
S1.00





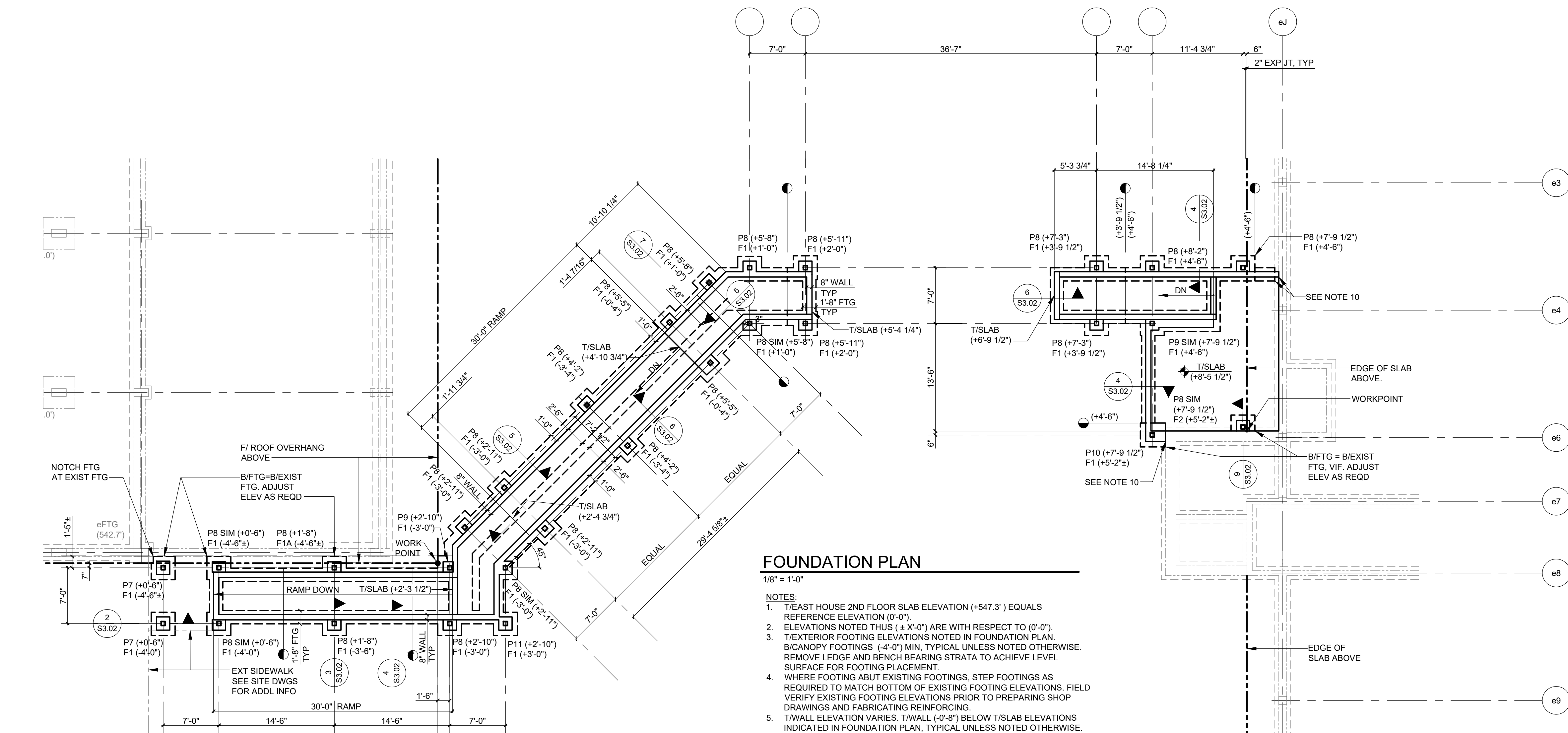
CANOPY ROOF FRAMING PLAN

- 1/8" = 1'-0"
- NOTES:
1. T/STEEL (B/DECK) ELEVATION (+17'-3") ABOVE CANOPY REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
  2. ELEVATIONS NOTED (x'-x") ARE TO T/STEEL (B/DECK) WITH RESPECT TO ELEVATION (+17'-3").
  3. COLUMNS ARE HSS8X6X1/2, UNLESS NOTED OTHERWISE.
  4. EQUALLY SPACE ROOF BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
  5. SEE 10/S3.01 FOR CANOPY BASE PLATE DETAILS.
  6. EOD INDICATES EDGE OF DECK.
  7. RD - INDICATES ROOF DRAIN. PROVIDE ROOF OPENING ANGLE FRAME AT ROOF DRAINS. SEE 10/S5.00.
  8. PROVIDE MOMENT END PLATE CONNECTION, M= 10 FT-KIPS.
  9. SEE S0.01 FOR ADDITIONAL NOTES.



CANOPY HIGH ROOF FRAMING PLAN

- 1/8" = 1'-0"
- NOTES:
1. T/STEEL (B/DECK) ELEVATION (+21'-2") ABOVE CANOPY REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
  2. ELEVATIONS NOTED (x'-x") ARE TO T/STEEL (B/DECK) WITH RESPECT TO ELEVATION (+21'-2").
  3. EQUALLY SPACE ROOF BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
  4. SEE 10/S3.01 FOR CANOPY BASE PLATE DETAILS.
  5. EOD INDICATES EDGE OF DECK.
  6. RD - INDICATES ROOF DRAIN. PROVIDE ROOF OPENING ANGLE FRAME AT ROOF DRAINS. SEE 10/S5.00.
  7. PROVIDE MOMENT END PLATE CONNECTION, M= 10 FT-KIPS.
  8. SEE S0.01 FOR ADDITIONAL NOTES.



FOUNDATION PLAN

- 1/8" = 1'-0"
- NOTES:
1. T/EAST HOUSE 2ND FLOOR SLAB ELEVATION (+547.3') EQUALS REFERENCE ELEVATION (0'-0").
  2. ELEVATIONS NOTED THUS (x'-x") ARE WITH RESPECT TO (0'-0").
  3. T/EXTERIOR FOOTING ELEVATIONS NOTED IN FOUNDATION PLAN. B/CANOPY FOOTINGS (-4'-0") MIN. TYPICAL UNLESS NOTED OTHERWISE. REMOVE LEDGE AND BENCH BEARING STRATA TO ACHIEVE LEVEL SURFACE FOR FOOTING PLACEMENT.
  4. WHERE FOOTING ABUT EXISTING FOOTINGS, STEP FOOTINGS AS REQUIRED TO MATCH BOTTOM OF EXISTING FOOTING ELEVATIONS. FIELD VERIFY EXISTING FOOTING ELEVATIONS PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATING REINFORCING.
  5. T/WALL ELEVATION VARIES. T/WALL (-0'-8") BELOW T/SLAB ELEVATIONS INDICATED IN FOUNDATION PLAN. TYPICAL UNLESS NOTED OTHERWISE.
  6. T/PIER ELEVATION NOTED IN FOUNDATION PLAN. P. INDICATES PIER TYPE. SEE S3.02 FOR CANOPY PIER DETAILS.
  7. WCJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION.
  8. SEE 8/S3.00 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
  9. SEE 3/S3.00 AND 4/S3.00 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
  10. DRILL AND ADHESIVE ANCHOR. WALL AND FOOTING REINFORCING 6" INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING).
  11. SEE S0.01 FOR ADDITIONAL NOTES.

FOUNDATION PLAN LEGEND

- F# INDICATES FOOTING TYPE OR DESIGNATION. SEE FOOTING SCHEDULE THIS DRAWING FOR SIZE AND REINFORCING. SEE DETAILS ON DRAWINGS S3.02 FOR ADDITIONAL INFORMATION.
- P# INDICATES CANOPY PIER TYPE OR DESIGNATION. SEE CANOPY PIER DETAILS 1/S3.02 FOR PIER DETAILS.
- HIGH LOW INDICATES STEPPED FOOTING LOCATION AND ASSOCIATED T/FOOTING ELEVATIONS. SEE DETAIL 11/S301 FOR ADDITIONAL INFORMATION.
- SCJ INDICATES SLAB CONTROL OR CONTRACTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- WCJ INDICATES FOUNDATION WALL CONTROL OR CONSTRUCTION JOINT LOCATION.

CANOPY COLUMN FOOTING SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
F1	3'-0"x3'-0"x1'-0"	(4) #4 EA WAY	TOP AND BOTTOM
F1A	3'-0"x3'-0"x1'-10"	(4) #4 EA WAY	TOP AND BOTTOM
F2	2'-0"x3'-0"x1'-10"	#5 AT 1'-0" OC, EA WAY	TOP AND BOTTOM
F3	4'-0"x10'-0"x1'-3"	#5 AT 1'-0" OC, EA WAY	TOP AND BOTTOM
F4	3'-0"x10'-0"x1'-3"	#5 AT 1'-0" OC, EA WAY	TOP AND BOTTOM

REV. DATE ITEM

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KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

CANOPY FOUNDATION AND  
ROOF FRAMING PLANS

PROJECT

DWG TITLE

DRAWING BY: AED

CHECK BY: AED

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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE CANOPY FOUNDATION AND ROOF FRAMING PLANS

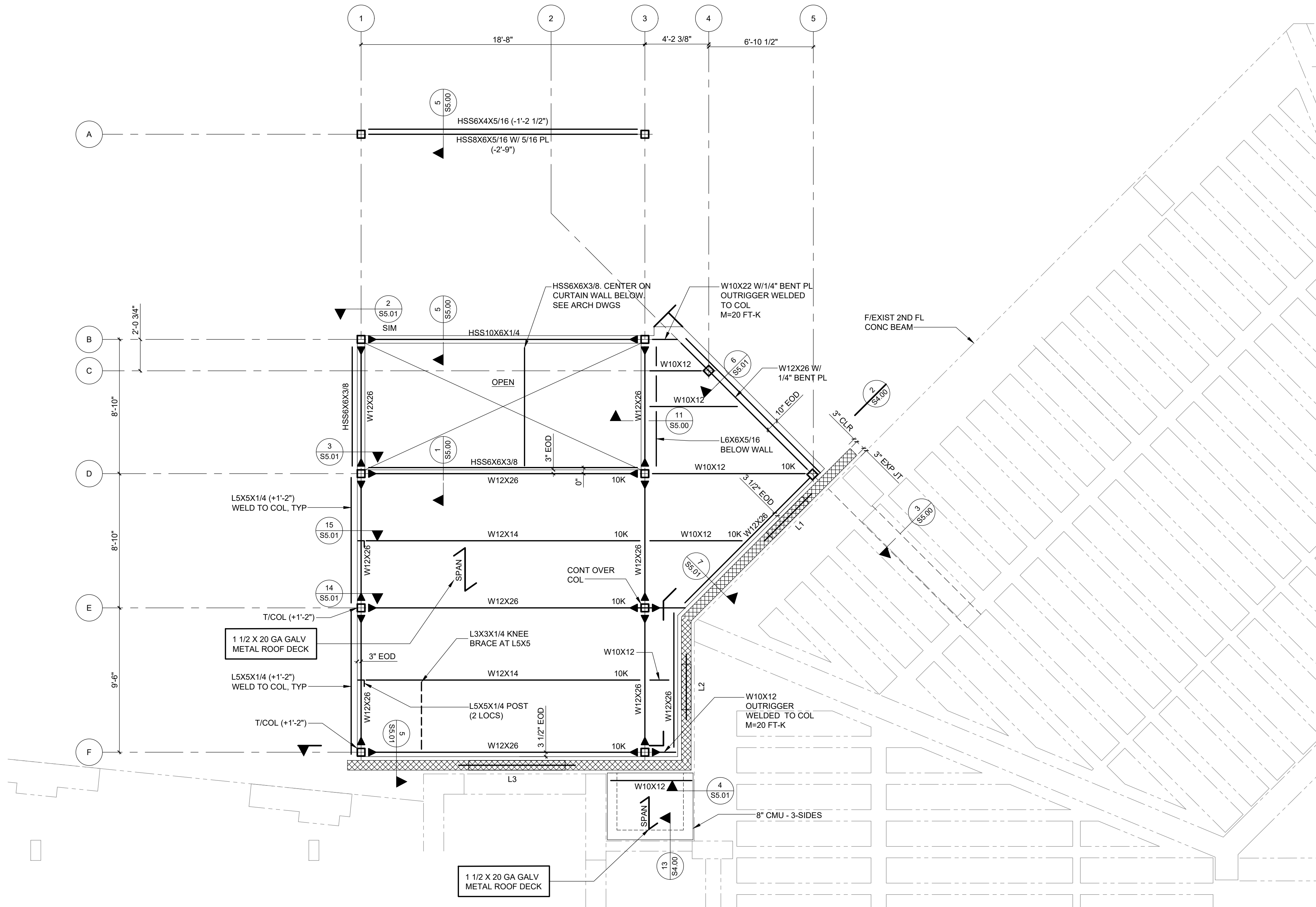
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DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

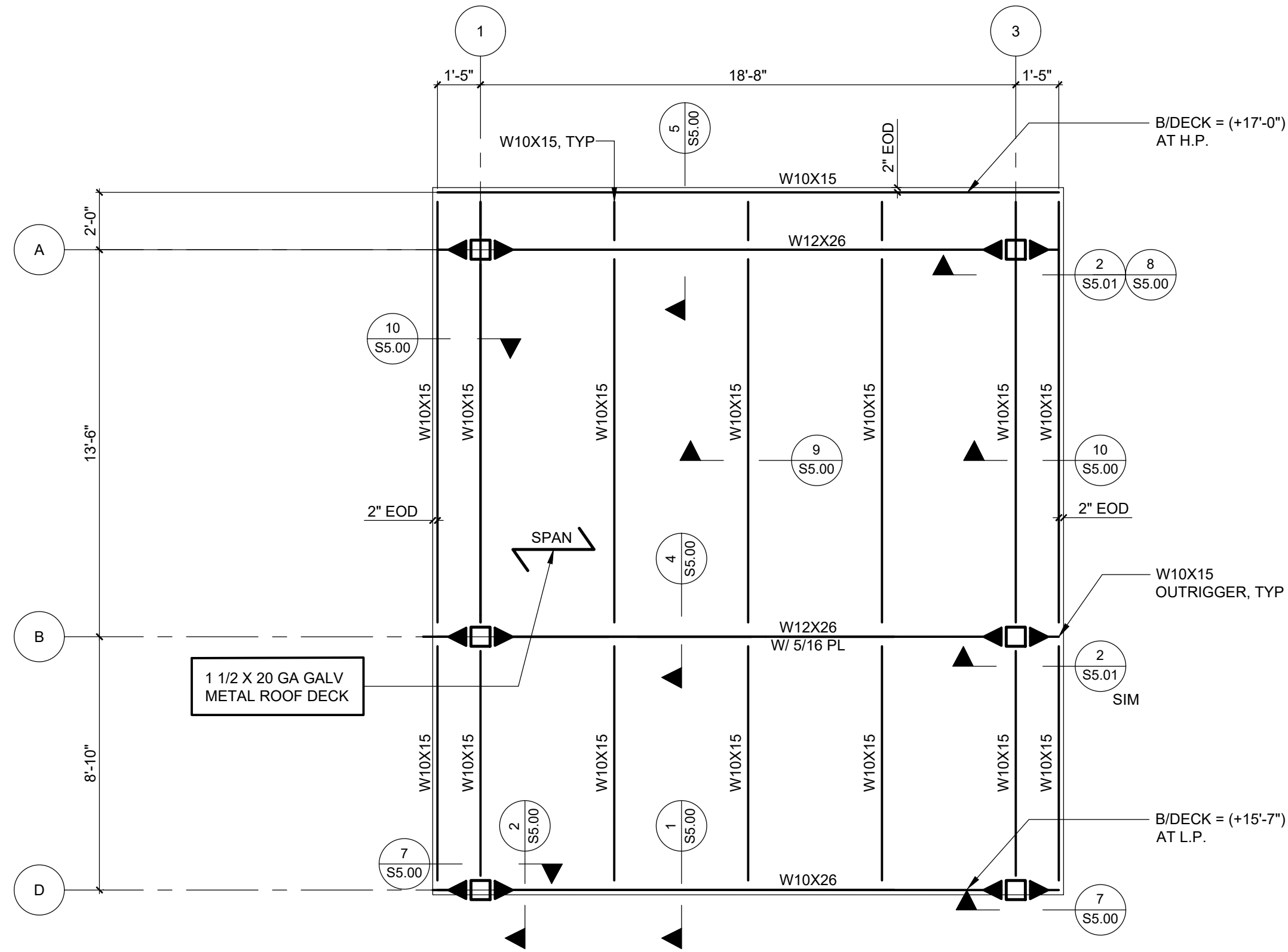
FILE No. 23-1316 FLMS





LOW ROOF FRAMING PLAN AT ENTRANCE

- 1/4" = 1'-0"
- NOTES:
1. T/STEEL (B/DECK) ELEVATION (+12'-0") ABOVE REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE.
  2. ELEVATIONS NOTED (±X'-XX") ARE TO T/STEEL (B/DECK) WITH RESPECT TO ELEVATION (+12'-0").
  3. COLUMNS ARE HSS6X6X3/8 UNLESS NOTED OTHERWISE.
  4. EQUALLY SPACE BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
  5. SEE 10/SS.00 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.
  6. EOD INDICATES EDGE OF DECK.
  7. SEE 1/SA.00 FOR LINTEL SCHEDULE AND NOTES. NOT ALL LINTELS IN WALLS ARE SHOWN.
  8. SEE 1/SA.00 AND 2/SA.00 FOR MASONRY WALL AND FIREWALL REINFORCING REQUIREMENTS.
  9. RD - INDICATES ROOF DRAIN, EF - INDICATES EXHAUST FAN, RV - INDICATES ROOF VENT. COORDINATE SIZE AND LOCATION WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. PROVIDE ROOF OPENING ANGLE FRAME AT ROOF DRAINS, VENTS, EXHAUST FANS, AND HATCHES. SEE 15/SS.00.
  10. SEE S0.01 FOR ADDITIONAL NOTES.

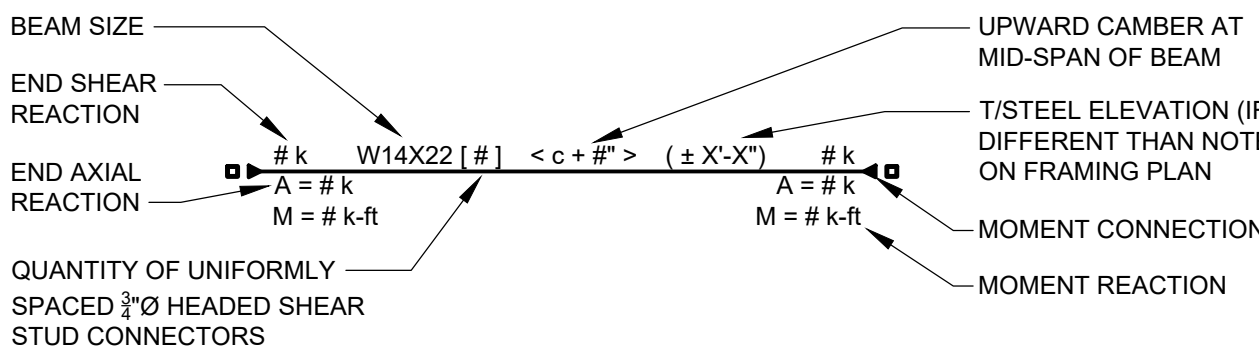


HIGH ROOF FRAMING PLAN AT ENTRANCE

- 1/4" = 1'-0"
- NOTES:
1. T/STEEL (B/DECK) ELEVATION ABOVE REFERENCE ELEVATION (0'-0") INDICATED ON PLAN AT GRID LINES A AND D. SLOPE STEEL UNIFORMLY TO ROOF SLOPE INDICATED IN ARCHITECTURAL DRAWINGS.
  2. ELEVATIONS NOTED (±X'-XX") ARE TO T/STEEL (B/DECK) ELEVATION.
  3. SLOPE ROOF STEEL UNIFORMLY BETWEEN CONTROL ELEVATIONS SPECIFIED IN PLAN.
  4. SEE LOW ROOF FRAMING PLAN AT ENTRANCE NOTES FOR ADDITIONAL INFORMATION.

FRAMING PLAN LEGEND

- EOD  
INDICATES THE EDGE OF DECK.
- SPAN  
INDICATES LOCATIONS AND DIRECTION OF SPAN FOR METAL ROOF DECK.
- SLOPE  
SPECIFIES DIRECTION OF DOWNWARD ROOF DECK SLOPE.
- RD  
INDICATES ROOF DRAIN. PROVIDE METAL DECK EDGE SUPPORT FRAMING AT PERIMETER. SEE ROOF OPENING FRAMING DETAIL FOR MORE INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- EF  
INDICATES LOCATION OF ROOF OPENING. PROVIDE EDGE SUPPORT FRAMING AT PERIMETER (TYP UNO). SEE ROOF OPENING FRAMING DETAIL FOR INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- BF - #  
H  
L  
SPECIFIES LOCATIONS AND DESIGNATION FOR BRACED FRAME WITH HIGH (H) AND LOW (L) ENDS. SEE DRAWING S05.03 FOR SCHEMATICS AND DETAILS.
- MC-X  
DESIGNATES LOCATION AND TYPE OF MOMENT CONNECTION



BEAM LEGEND SCHEMATIC

- NOT TO SCALE
- LEGEND NOTES:
1. REFER TO THE NOTES DRAWING S0.01 FOR CONNECTION DESIGN CRITERIA WHERE LOADS AND MOMENTS ARE NOT SHOWN.
  2. LOADS AND MOMENTS SHOWN ARE LRFD (ULTIMATE STRENGTH DESIGN) UNLESS NOTED OTHERWISE.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

HIGH AND LOW ROOF FRAMING PLANS

DRAWING BY: AED

CHECK BY: AED

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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE HIGH AND LOW ROOF FRAMING PLANS

SCALE: AS NOTED

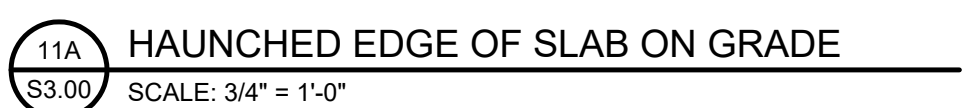
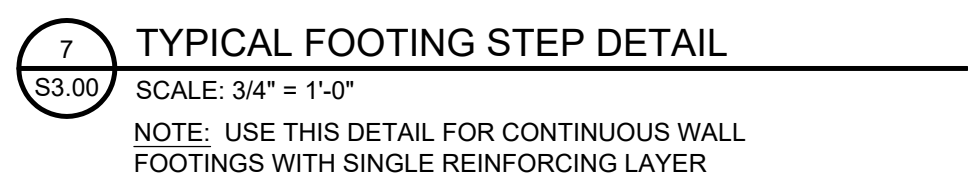
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

S2.00

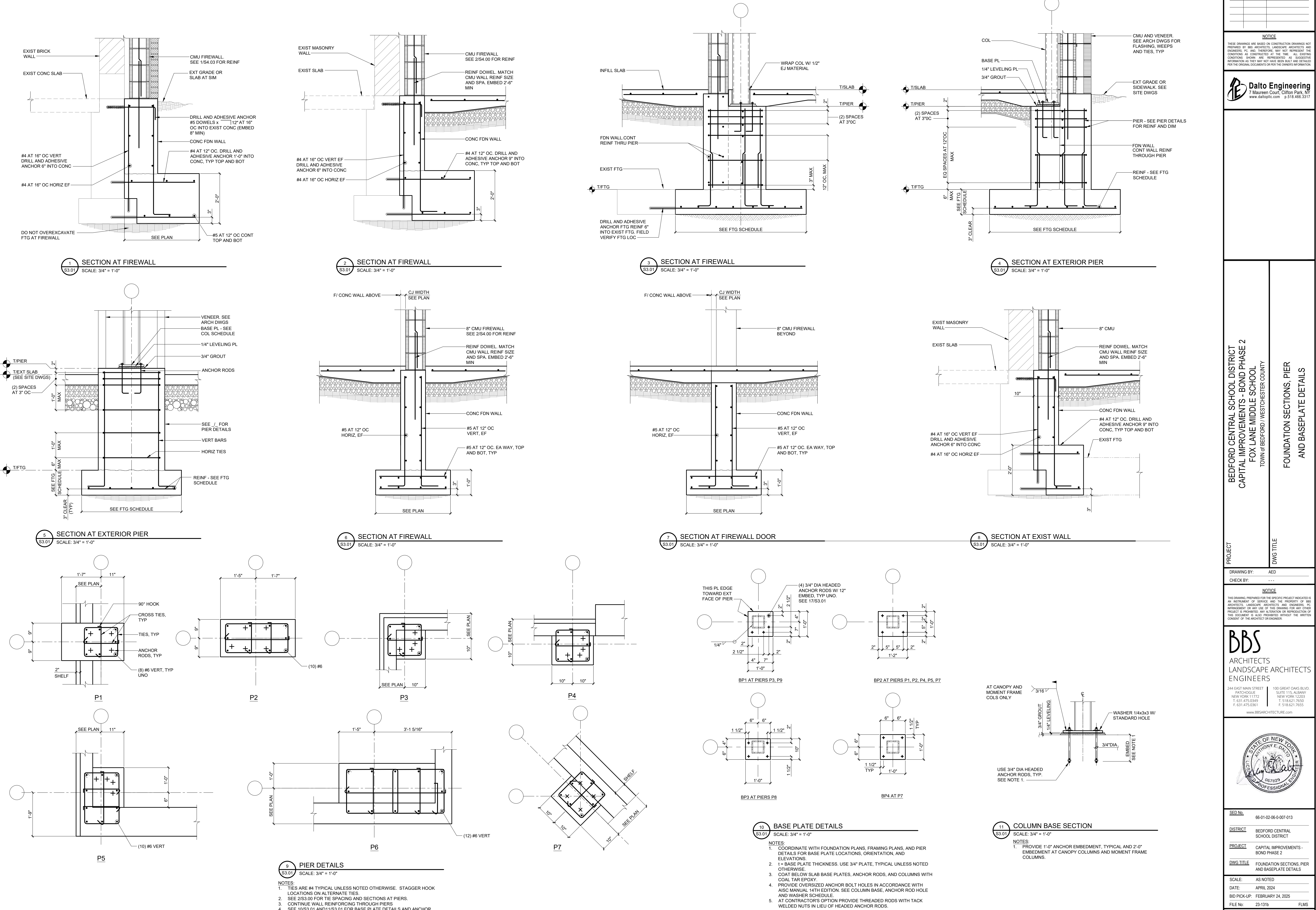




**NOTE:**  
CONTRACTOR'S OPTION TO PLACE MAT FOOTING IN LIEU OF INDIVIDUAL WALL FOOTINGS. REINFORCE MAT WITH #5 AT 16" OC EACH WAY (BOTTOM) AND PROVIDE DRAIN HOLE AT CENTER OF MAT (6"Ø OR 6" SQUARE).

S3.00





REV.	DATE	ITEM

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**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

FOUNDATION SECTIONS, PIER  
AND BASEPLATE DETAILS

DRAWING BY: AED  
CHECK BY: ---

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**SED No.** 66-01-02-06-0-007-013

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** CAPITAL IMPROVEMENTS - BOND PHASE 2

**DWG TITLE** FOUNDATION SECTIONS, PIER AND BASEPLATE DETAILS

**SCALE:** AS NOTED

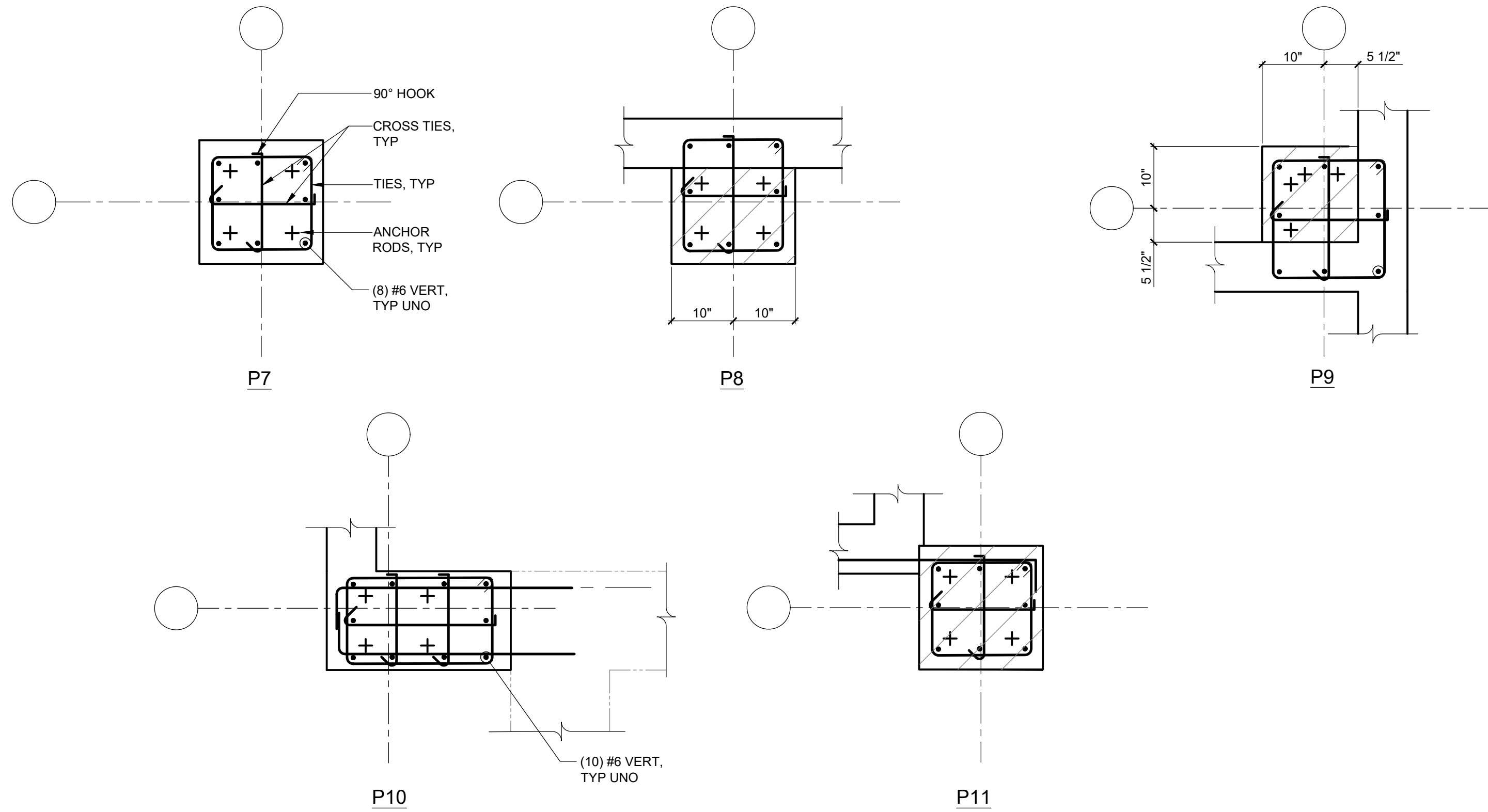
**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No:** 23-13b **FLMS**

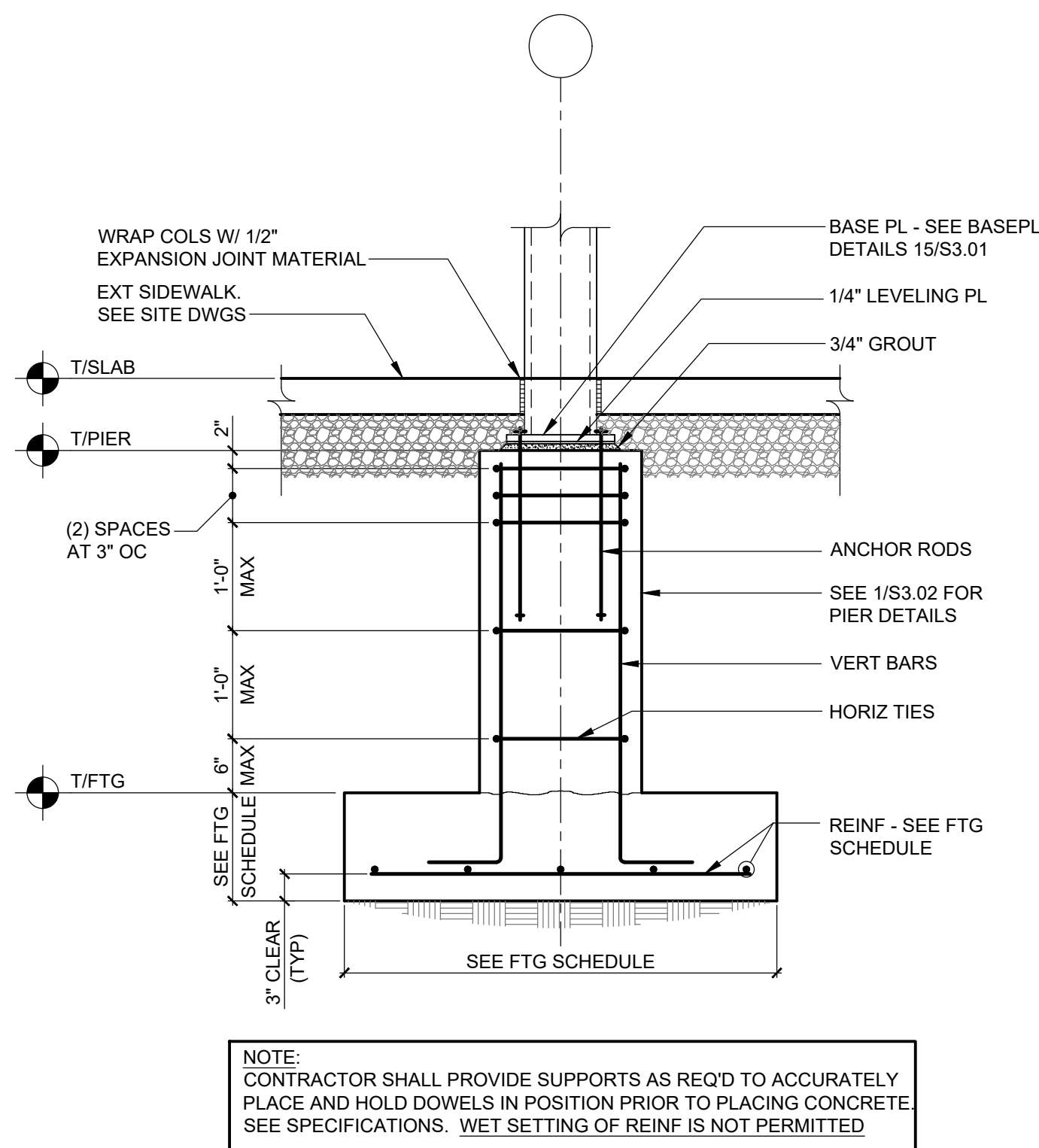
**S3.01**



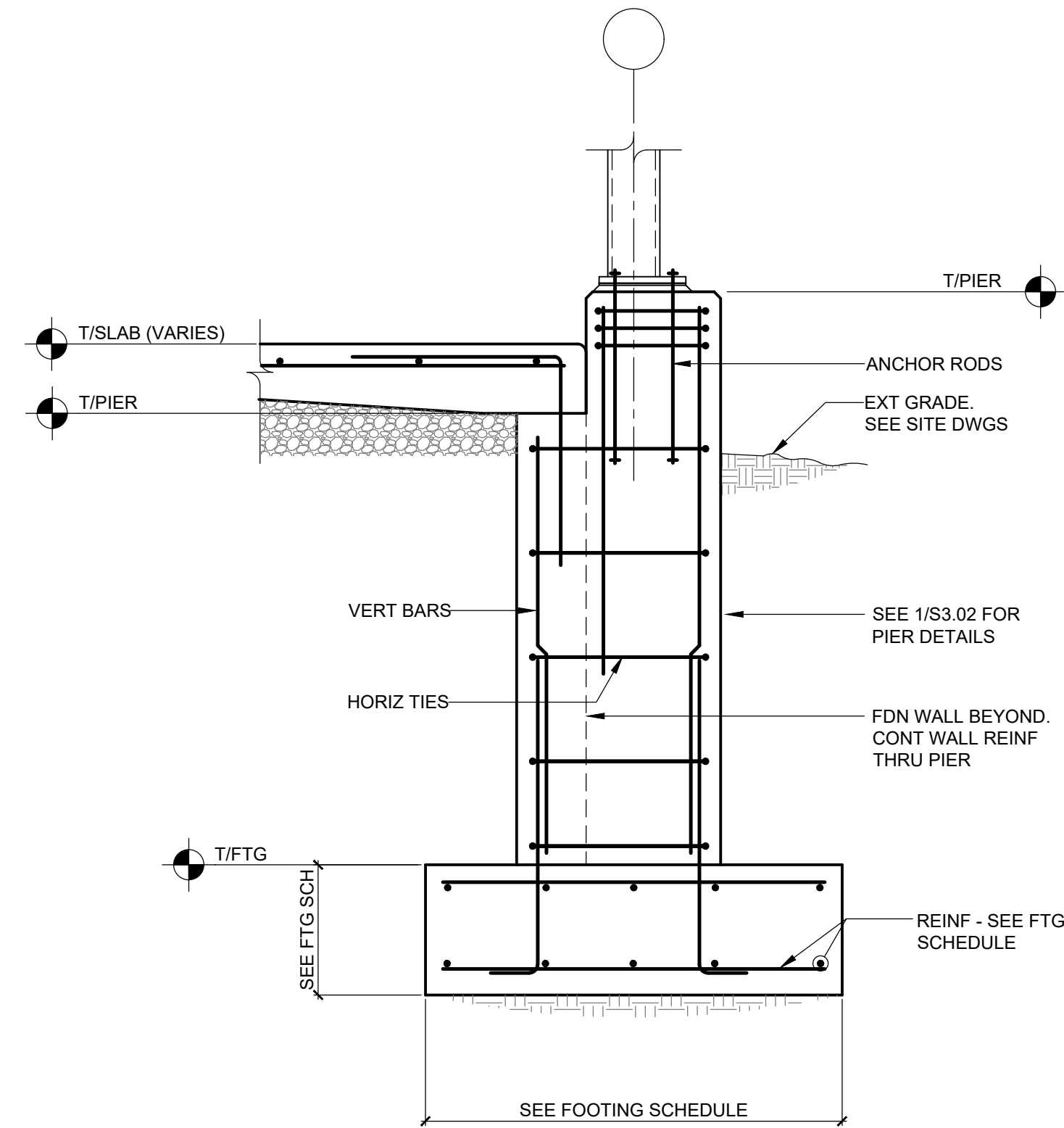


**1 CANOPY PIER DETAILS**  
S3.02 SCALE: 3/4" = 1'-0"

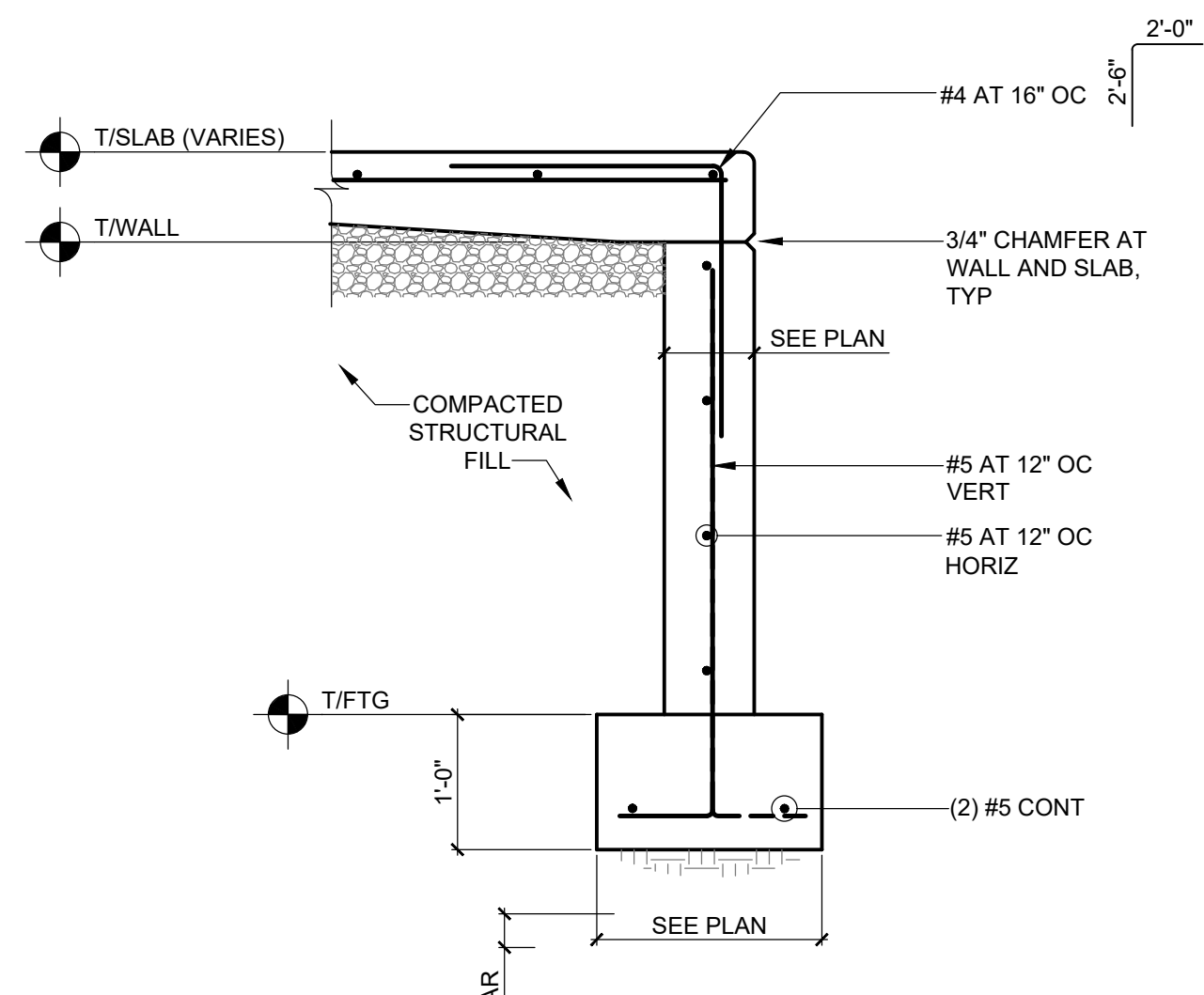
NOTES:  
1. TIES ARE #3 TYPICAL UNLESS NOTED OTHERWISE. STAGGER HOOK LOCATIONS ON ALTERNATE TIES.  
2. SEE S3.01 FOR TYPICAL TIE SPACING AND SECTIONS AT PIERS.  
3. CONTINUE WALL REINFORCING THROUGH PIERS.  
4. SEE 16/S3.01 AND 17/S3.01 FOR BASE PLATE DETAILS AND ANCHOR ROD INFORMATION.



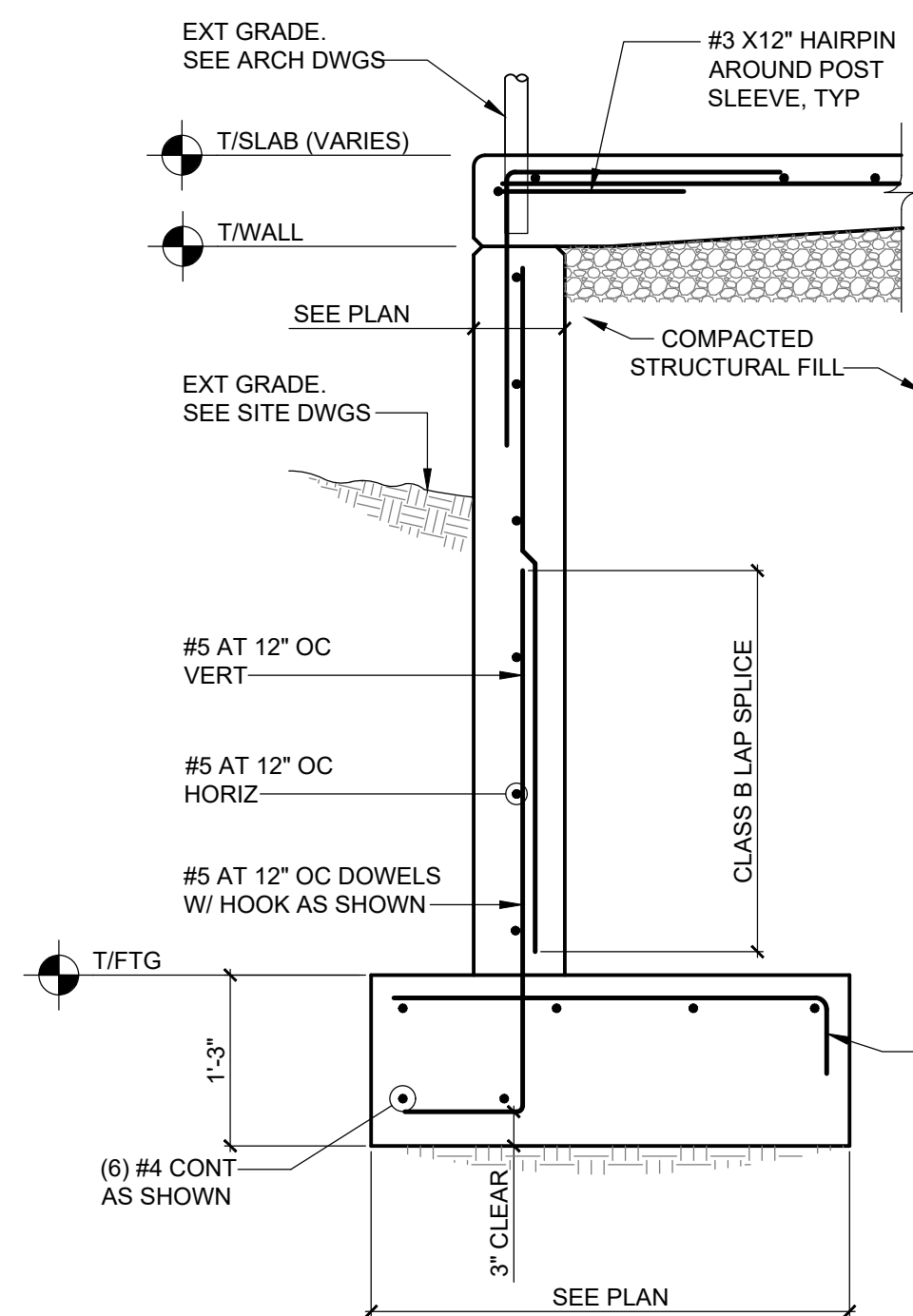
**2 SECTION AT CANOPY PIER**  
S3.02 SCALE: 3/4" = 1'-0"



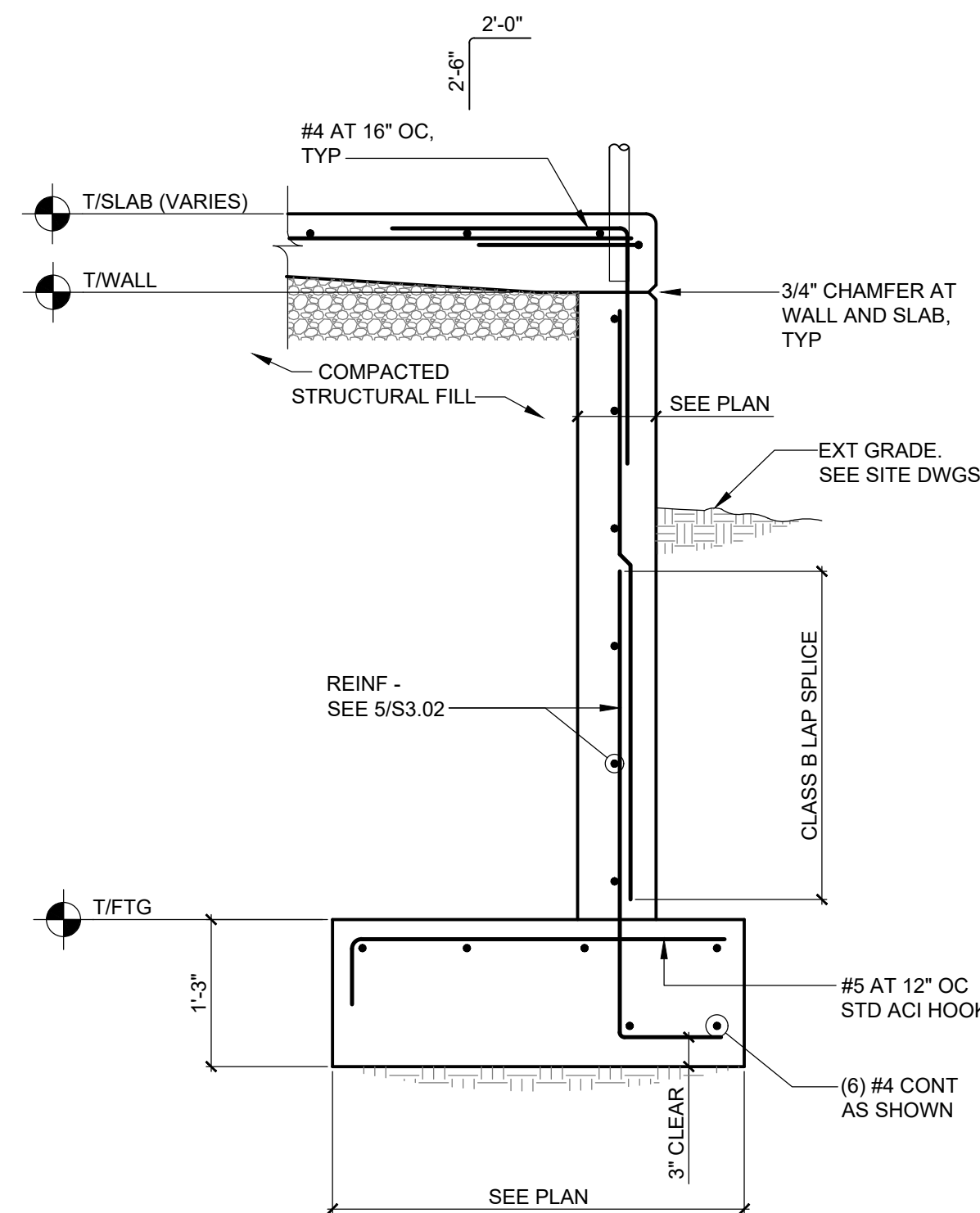
**3 SECTION AT CANOPY PIERS**  
S3.02 SCALE: 3/4" = 1'-0"



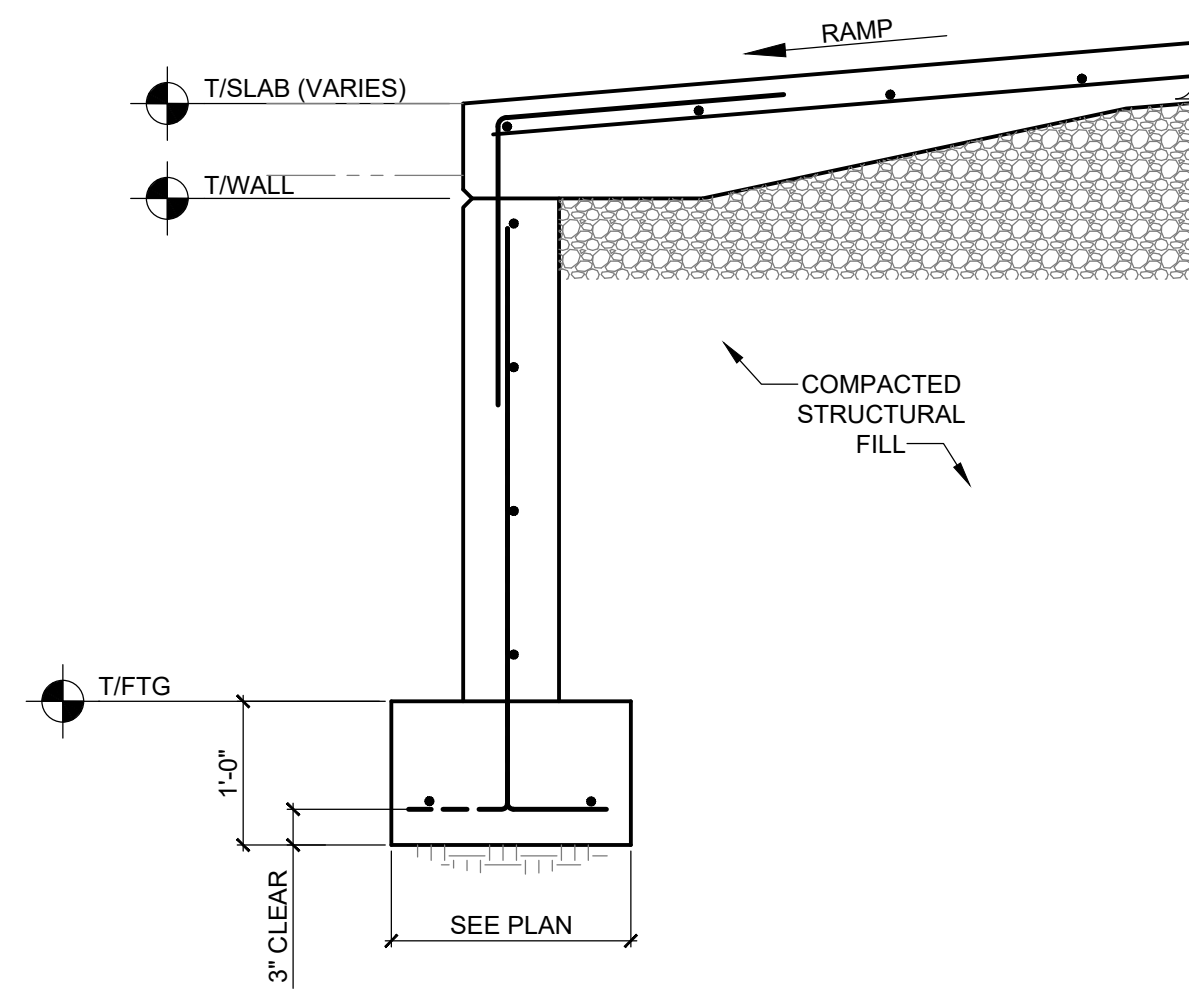
**4 TYPICAL CANOPY FOUNDATION WALL**  
S3.02 SCALE: 3/4" = 1'-0"



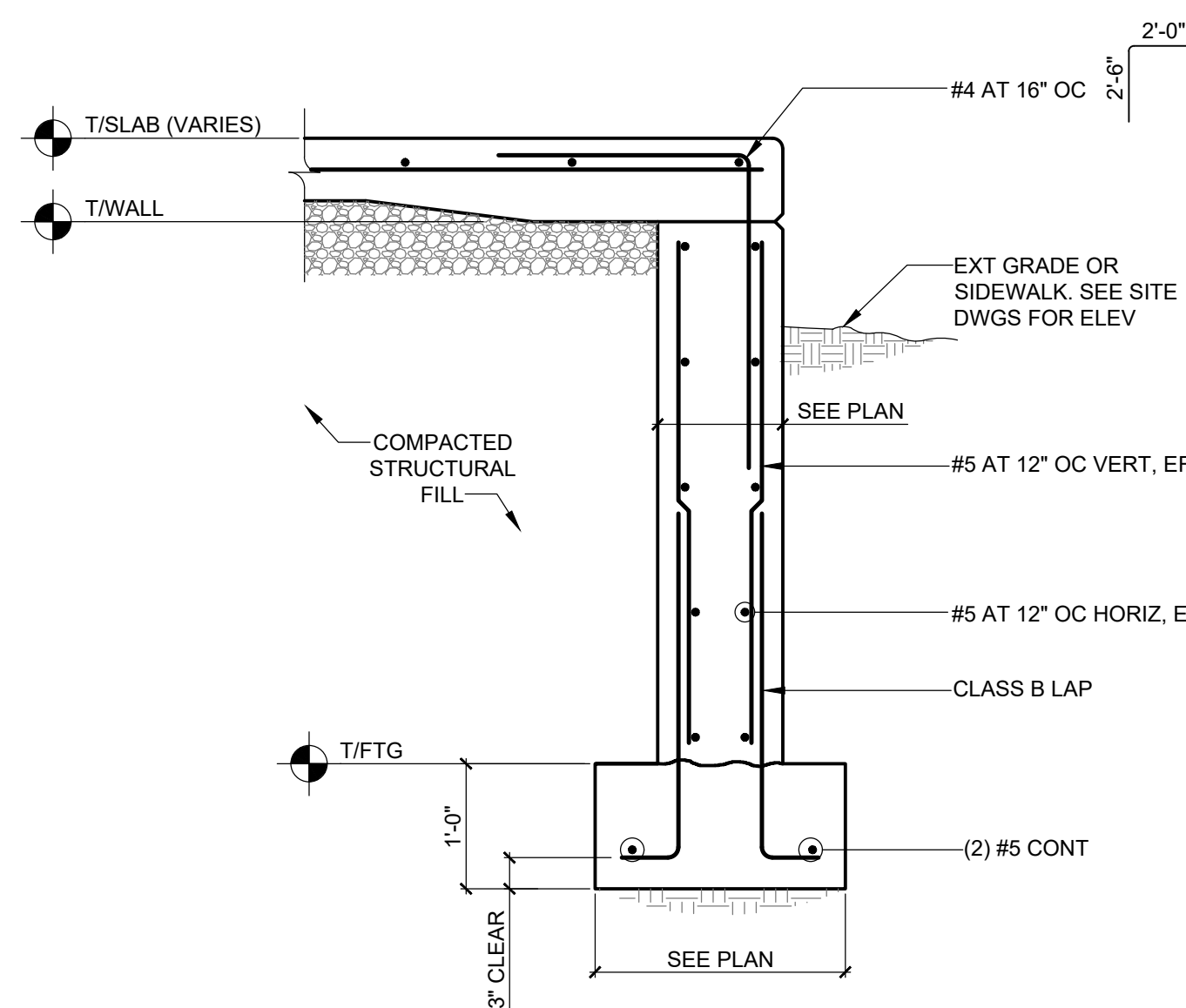
**5 TYPICAL CANOPY FOUNDATION WALL**  
S3.02 SCALE: 3/4" = 1'-0"



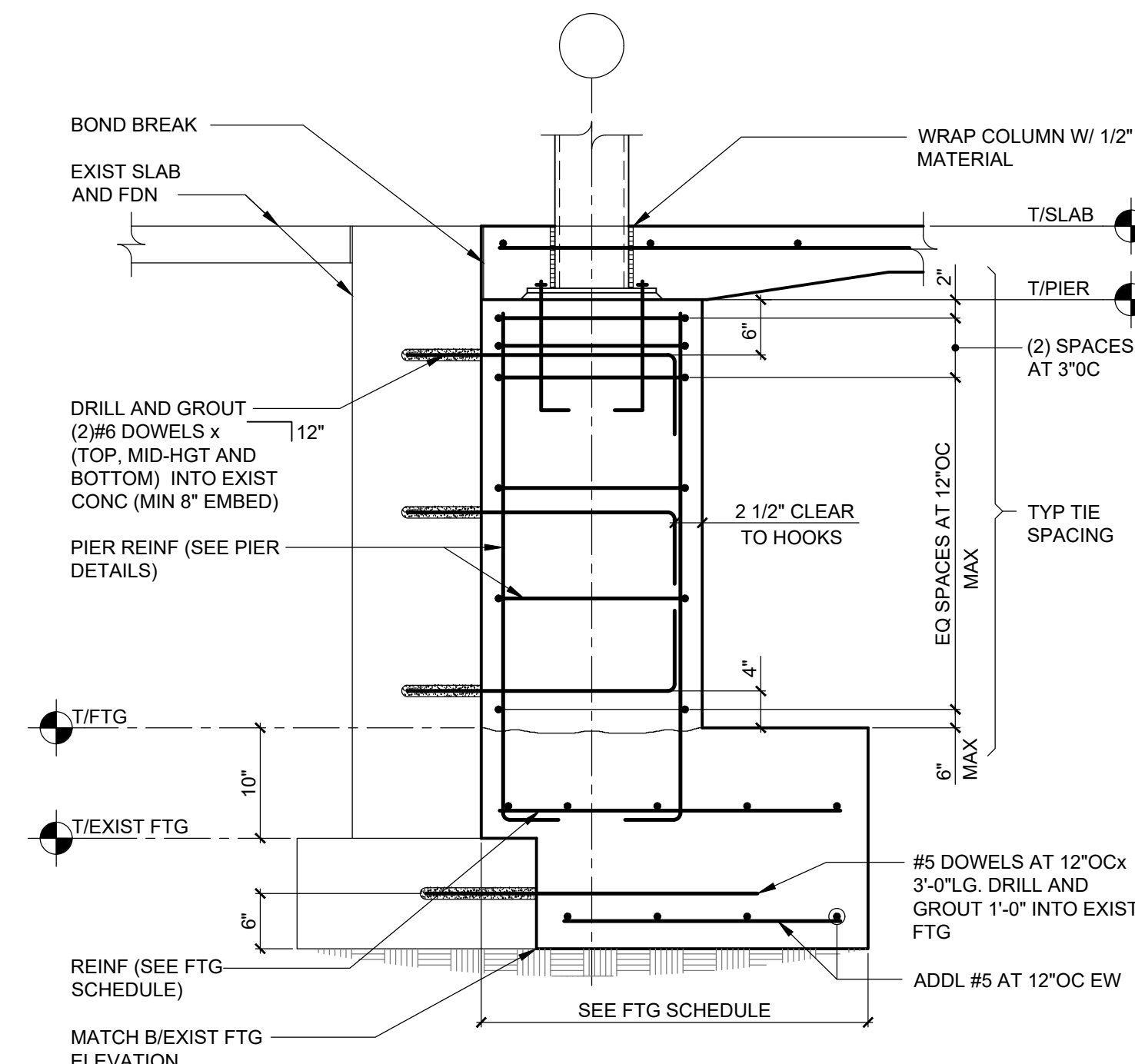
**6 TYPICAL CANOPY FOUNDATION WALL**  
S3.02 SCALE: 3/4" = 1'-0"



**7 TYPICAL CANOPY FOUNDATION WALL**  
S3.02 SCALE: 3/4" = 1'-0"



**8 CANOPY FOUNDATION WALL**  
S3.02 SCALE: 3/4" = 1'-0"



**9 PIER AT EXISTING WALL SECTION**  
S3.02 SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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**PROJECT**  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**  
CANOPY FOUNDATION SECTIONS, PIER  
PIER AND BASEPLATE DETAILS

DRAWING BY: AED  
CHECK BY: AED

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SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT CAPITAL IMPROVEMENTS - BOND PHASE 2

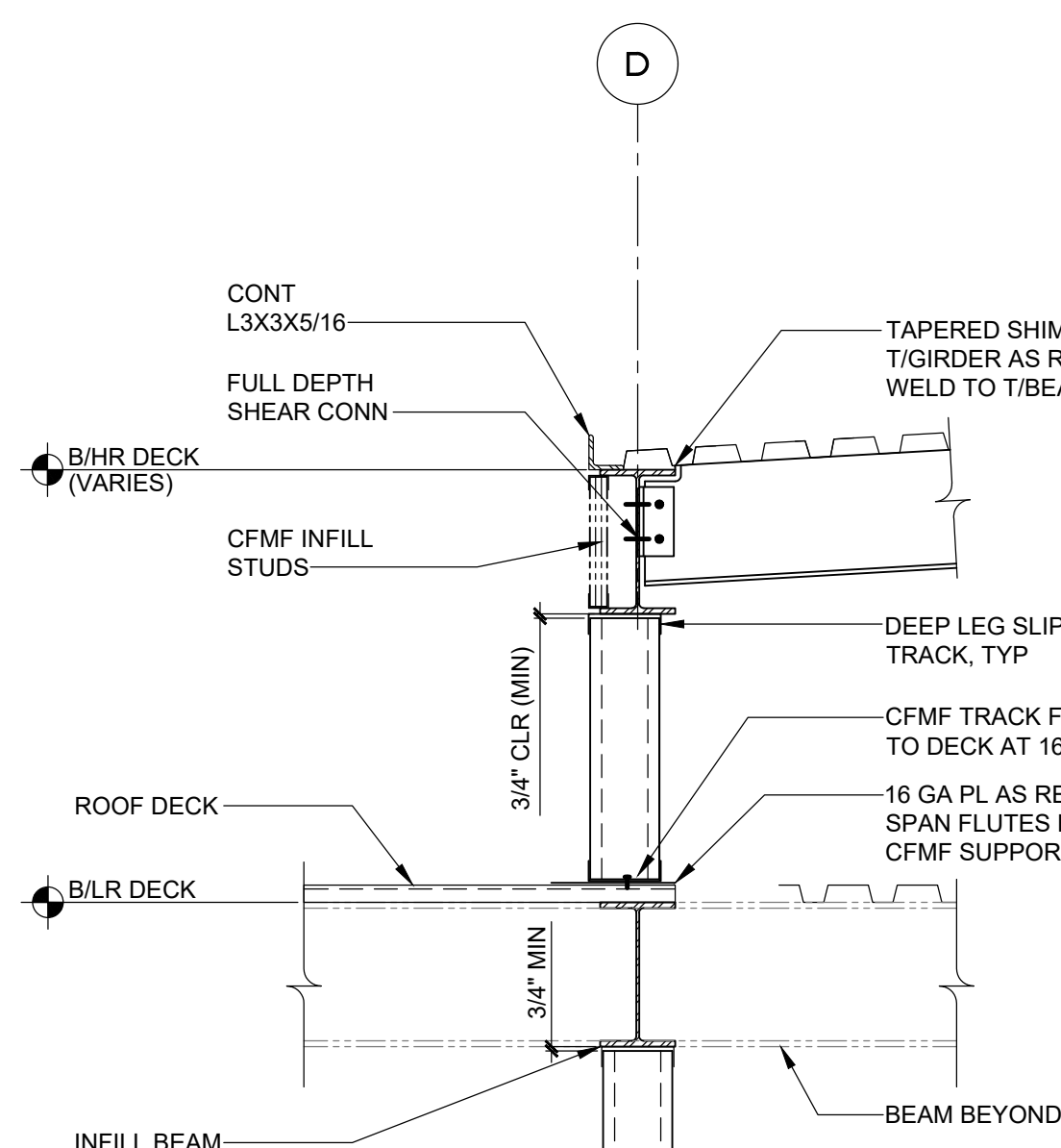
DWG TITLE CANOPY FOUNDATION SECTIONS, PIER AND BASEPLATE DETAILS

SCALE: AS NOTED  
DATE: APRIL 2024  
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FILE No. 23-131b FLMS

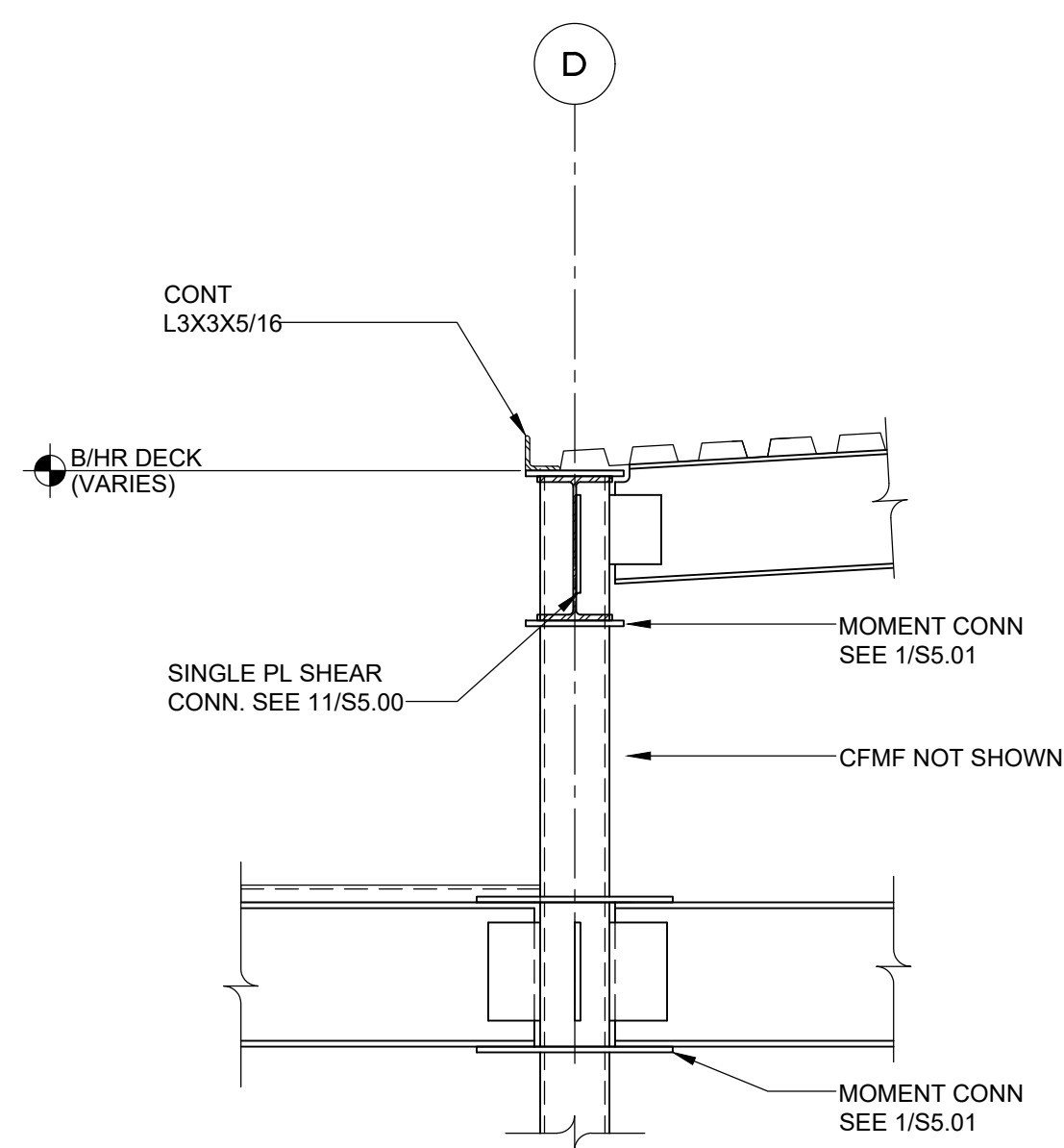




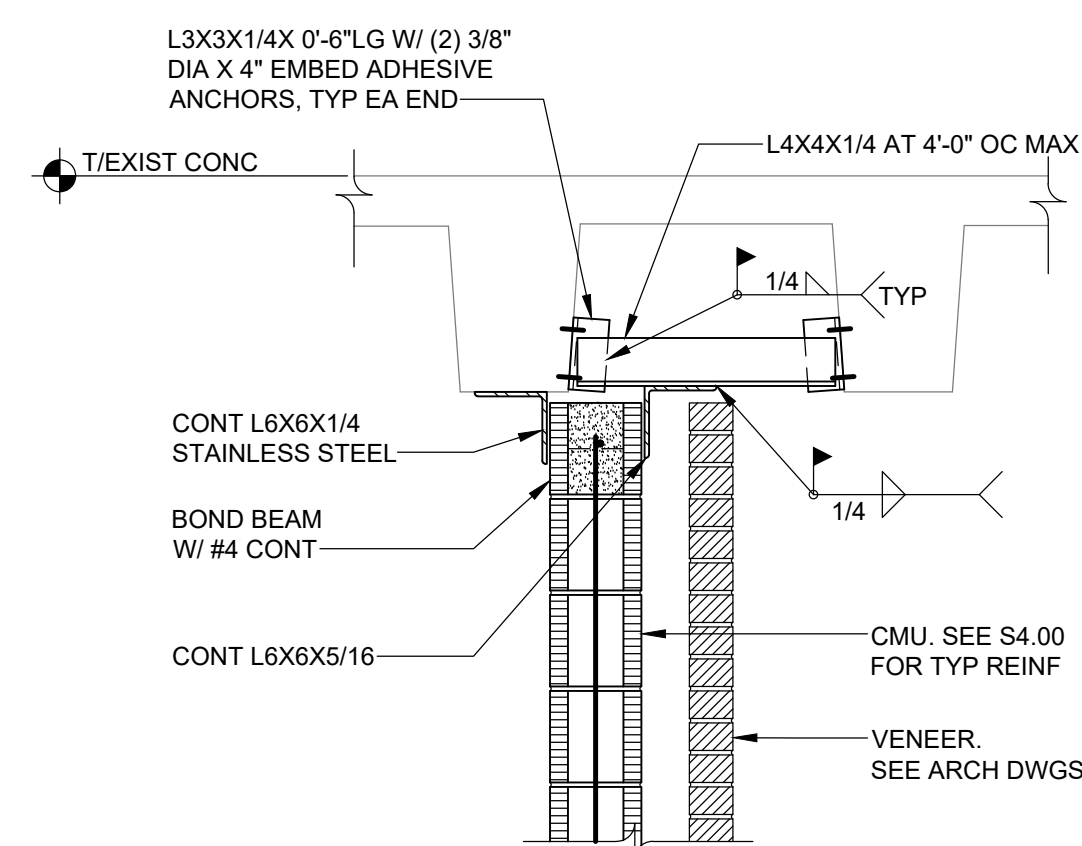




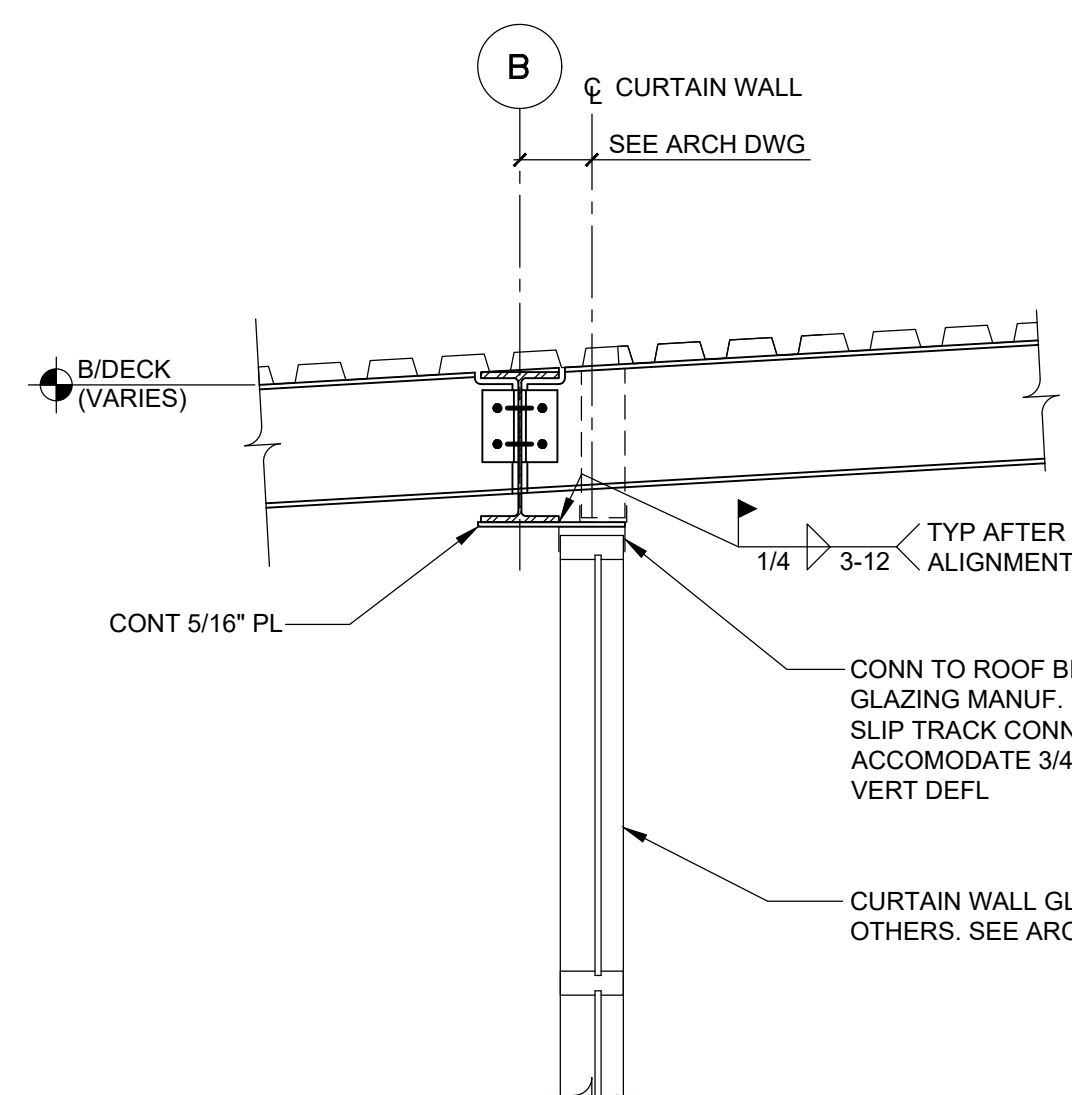
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S5.00 SCALE: 3/4" = 1'-0"



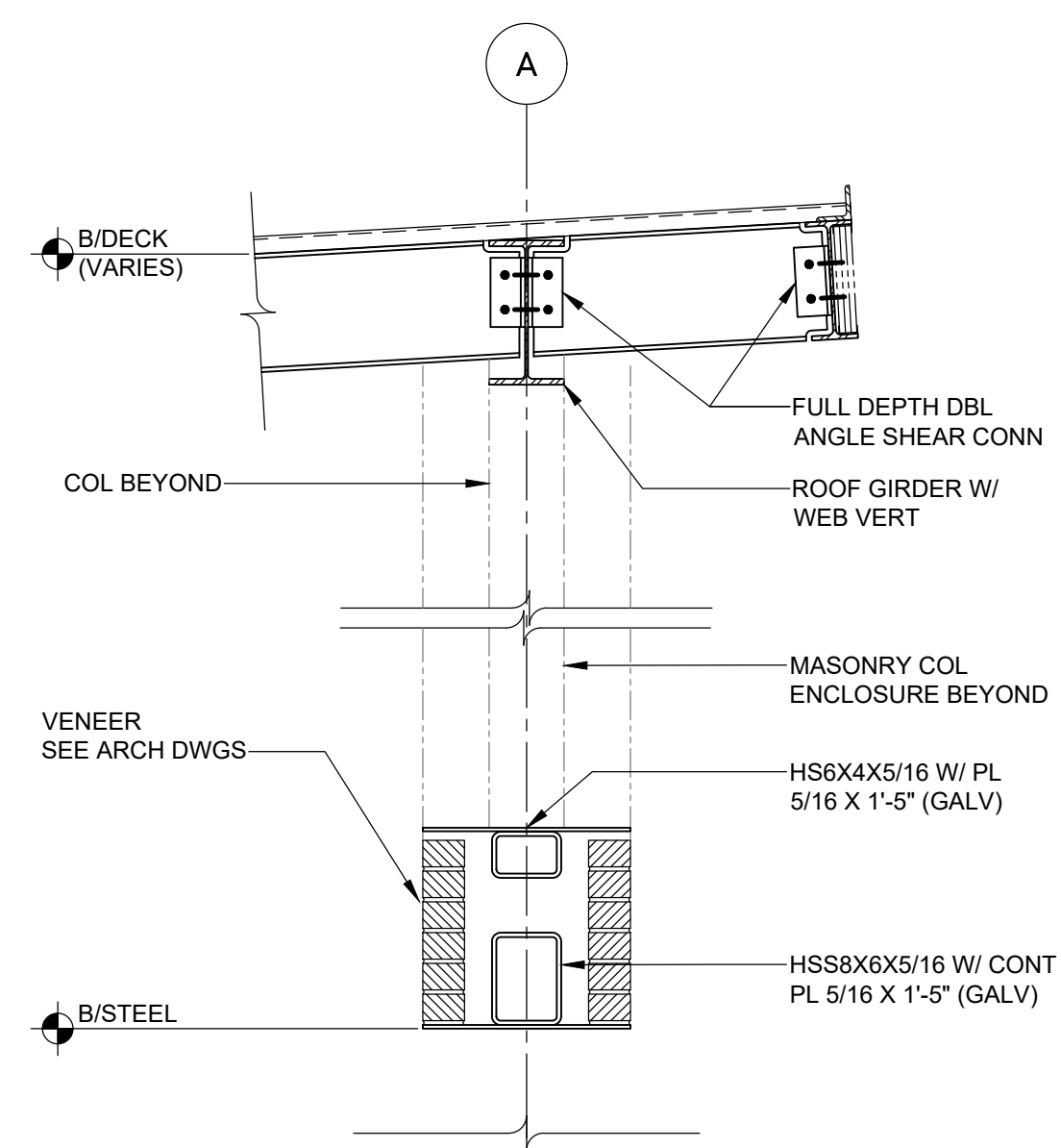
2 SECTION AT HIGH ROOF COLUMN  
S5.00 SCALE: 3/4" = 1'-0"



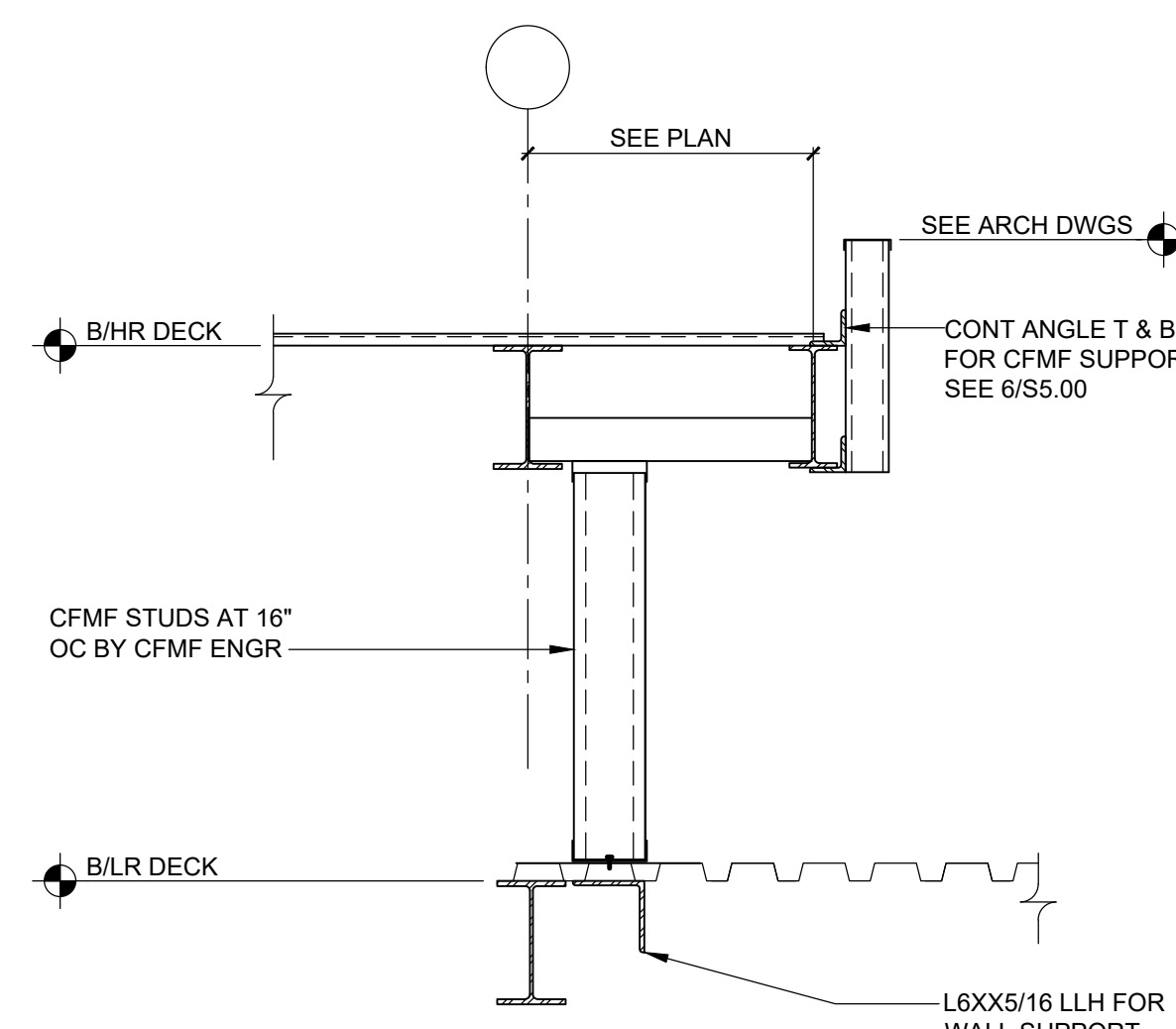
3 SECTION AT TOP OF CMU WALL  
S5.00 SCALE: 3/4" = 1'-0"



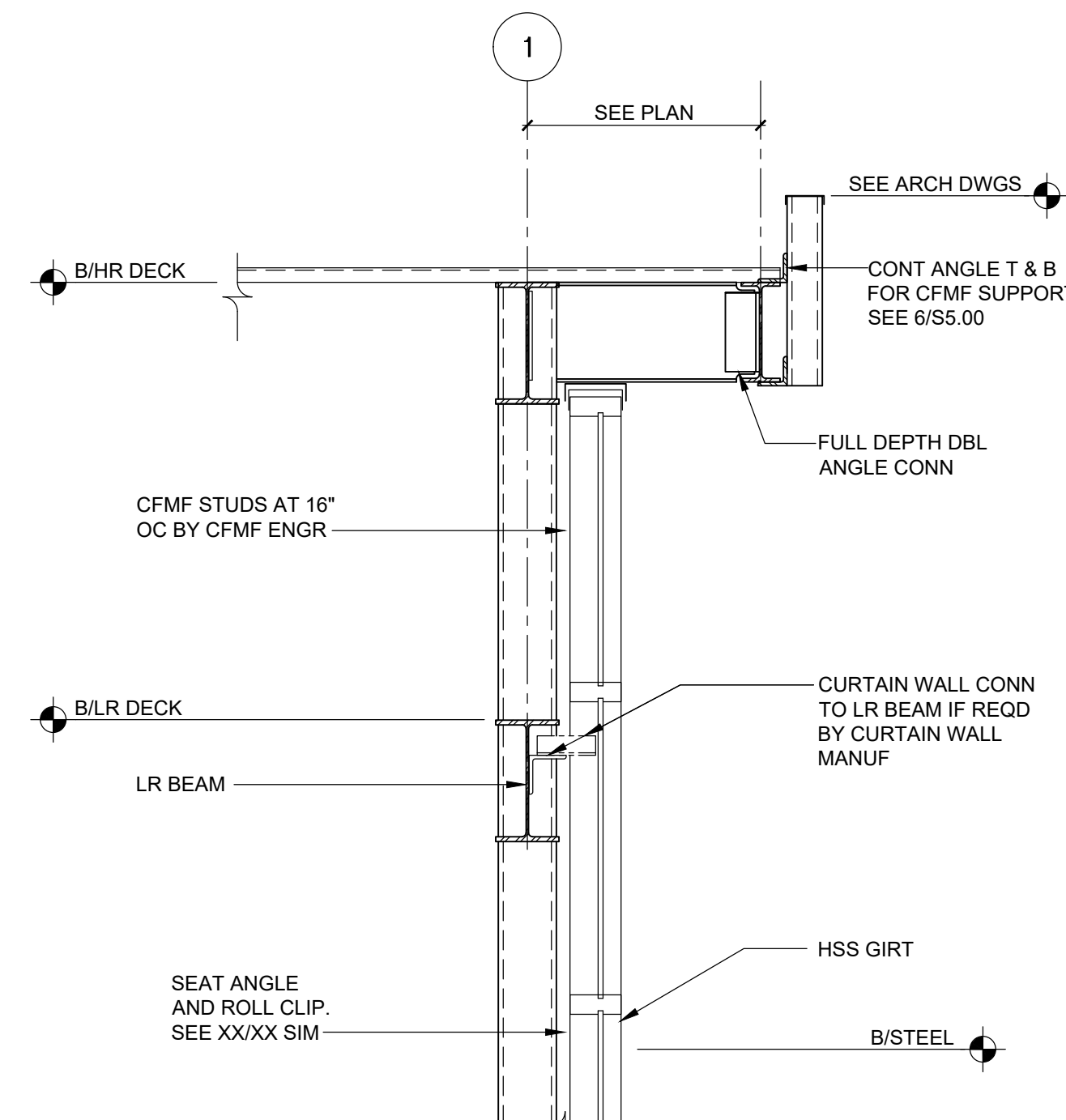
4 SECTION AT ENTRY WALL  
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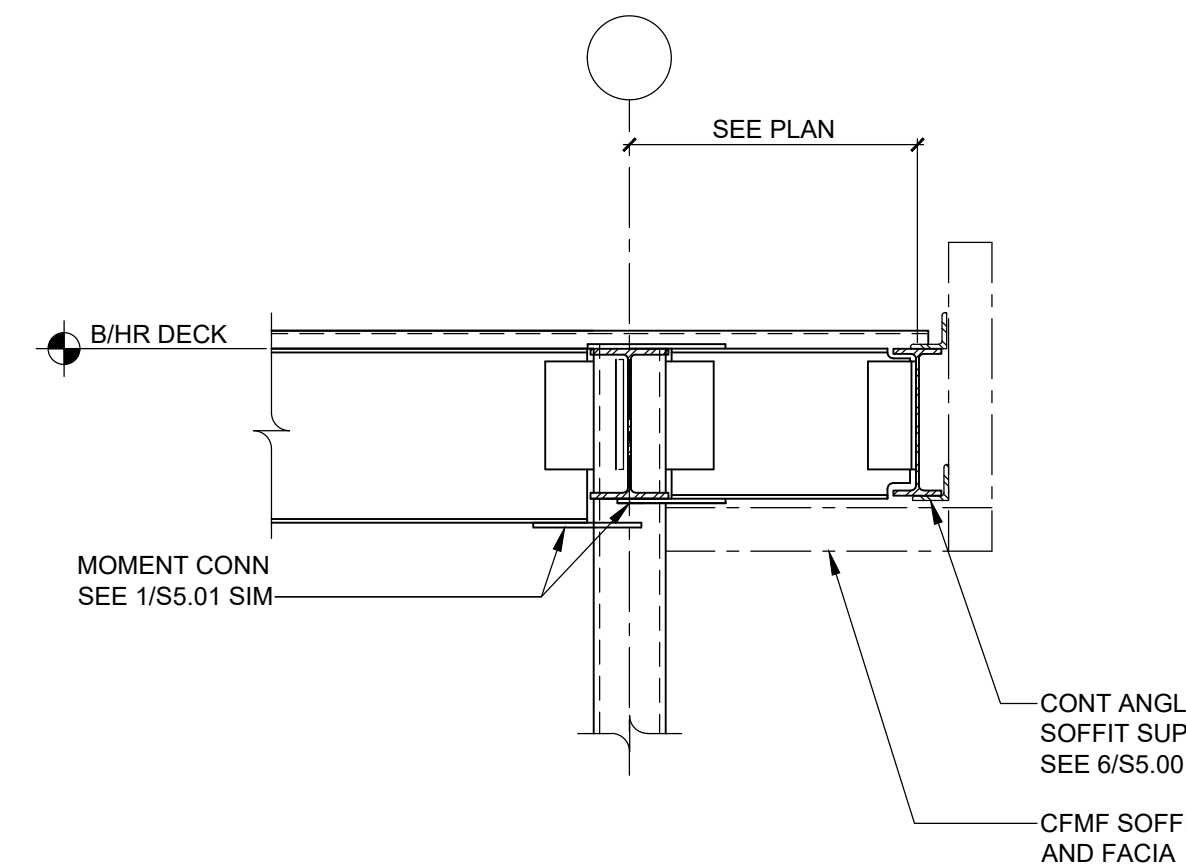
5 SECTION AT HIGH ROOF CANOPY  
S5.00 SCALE: 3/4" = 1'-0"



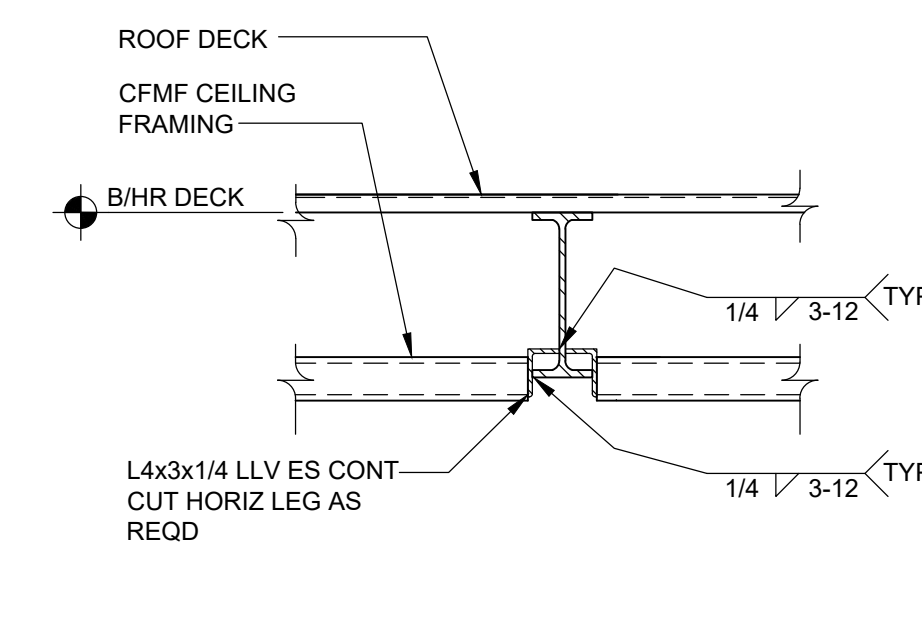
6 SECTION AT SPANDREL BEAM  
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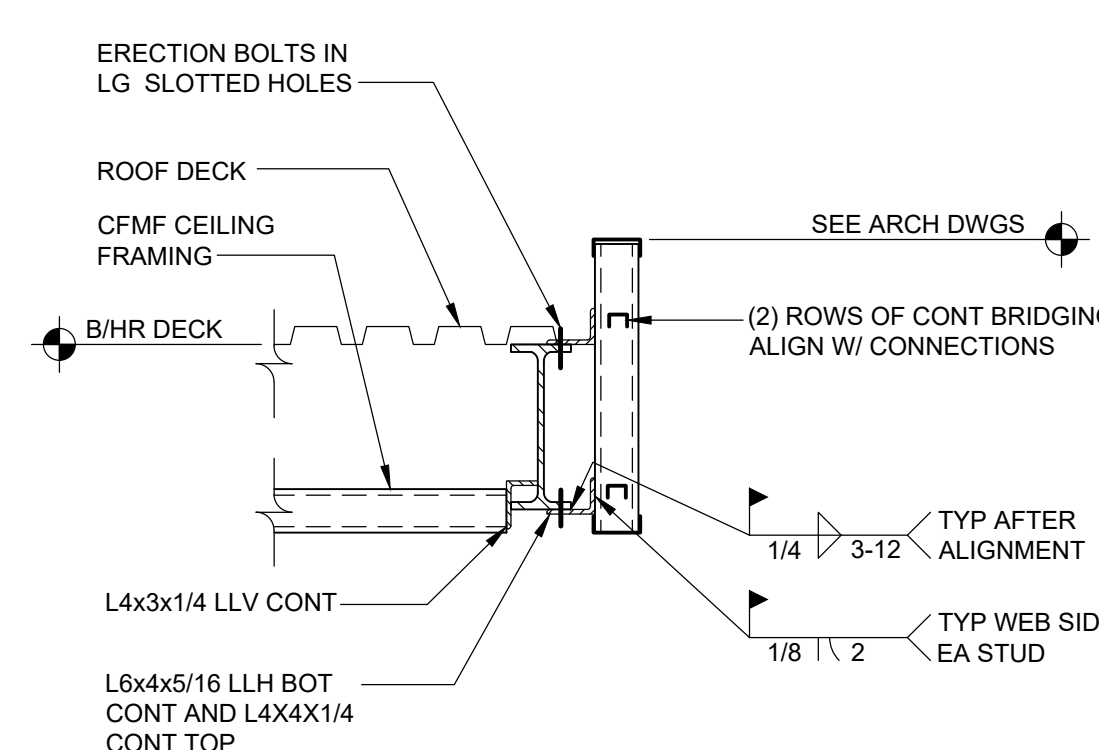
7 SECTION AT HIGH ROOF OUTRIGGER  
S5.00 SCALE: 3/4" = 1'-0"



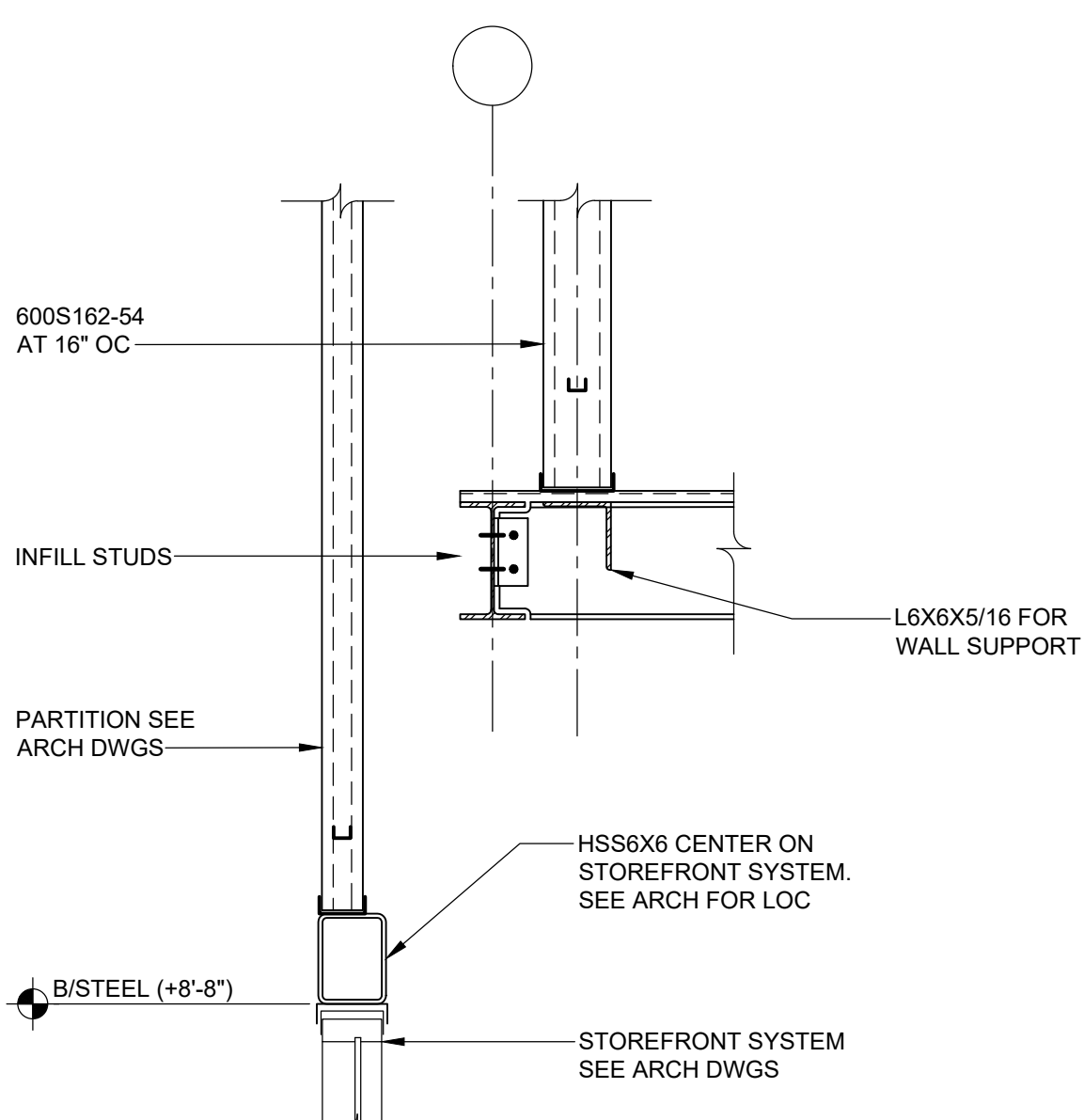
8 SECTION AT HIGH ROOF EDGE  
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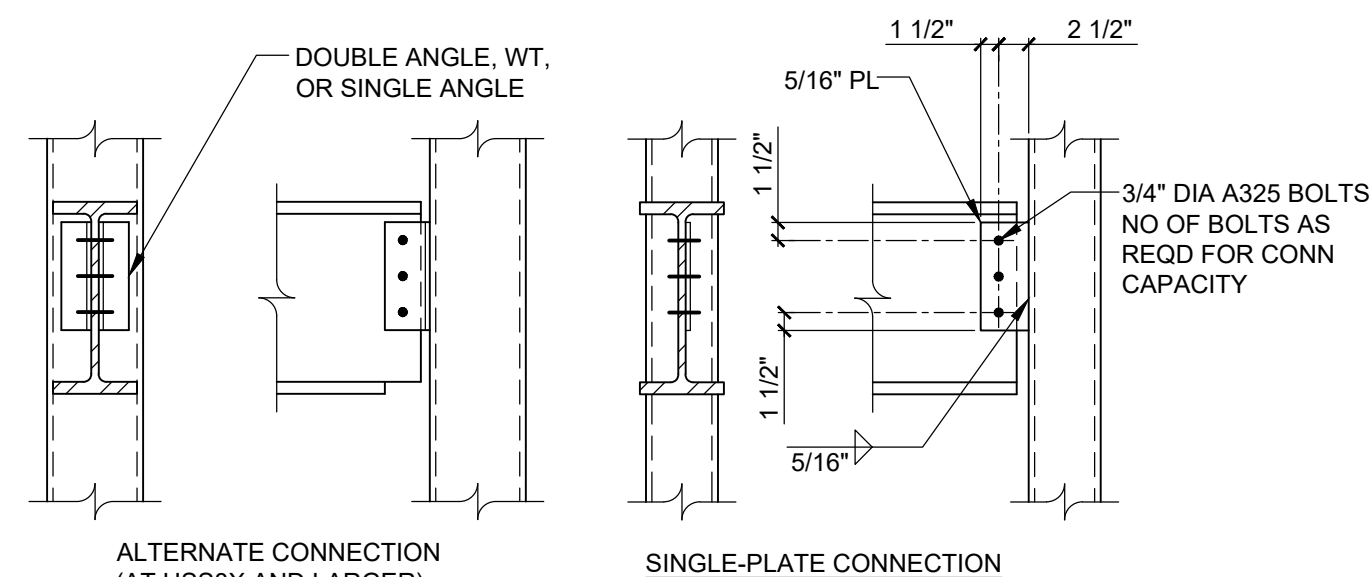
9 SECTION AT CANOPY ROOF EDGE  
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10 SECTION AT ENTRY ROOF EDGE  
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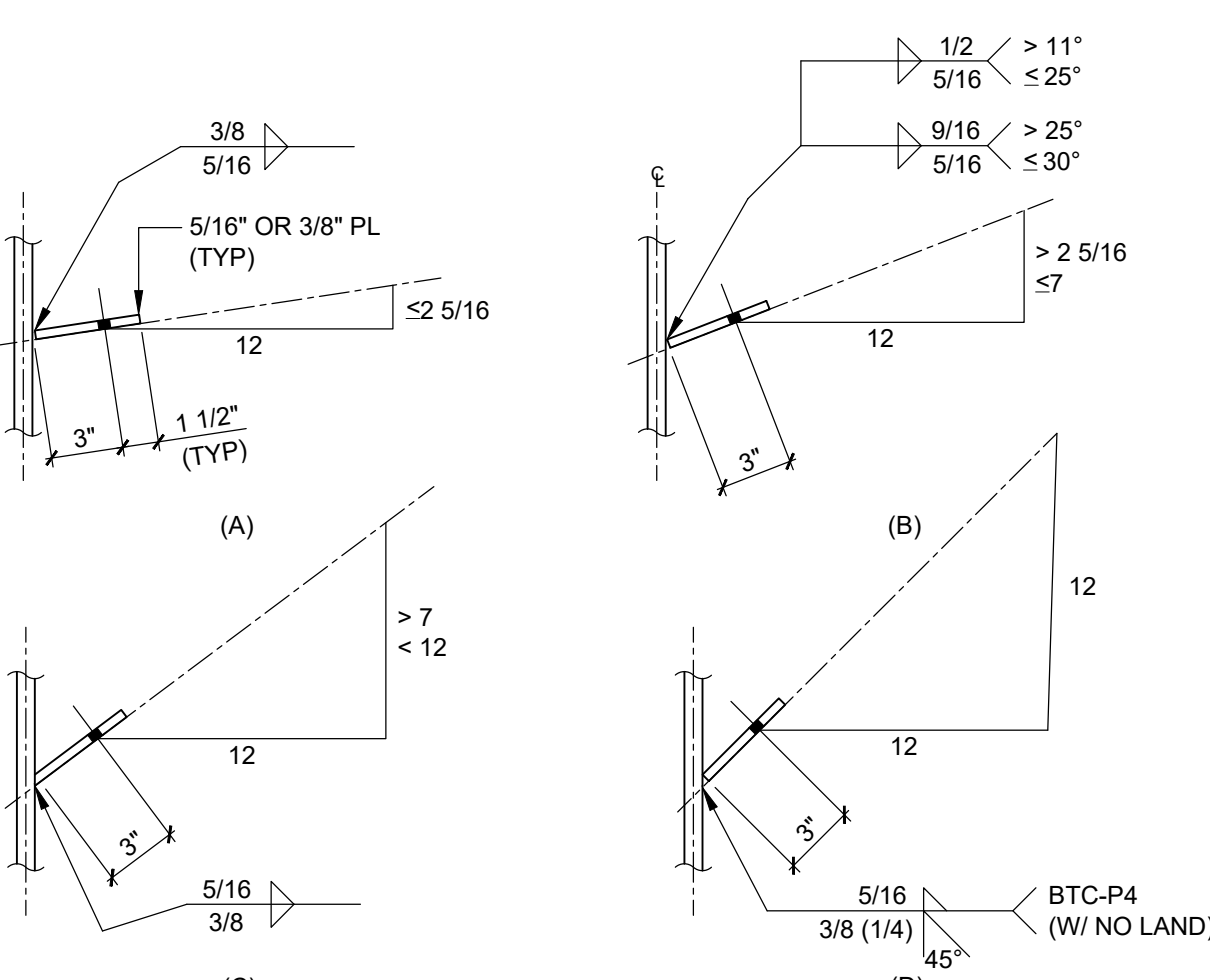


11 SECTION AT EXTERIOR WALL STEP  
S5.00 SCALE: 3/4" = 1'-0"



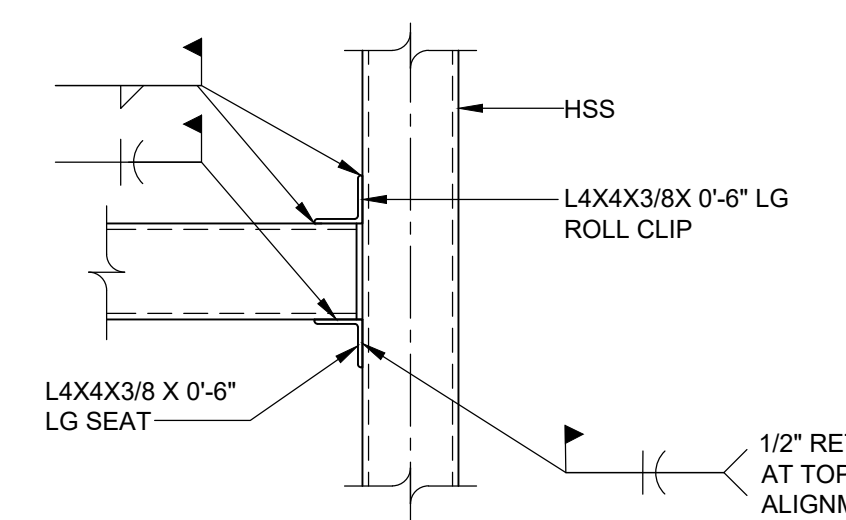
12 CONNECTION DETAIL AT HSS COLUMN  
S5.00 SCALE: 3/4" = 1'-0"

NOTE: SELECT CONNECTION FOR CAPACITY AS REQUIRED IN SPECIFICATIONS

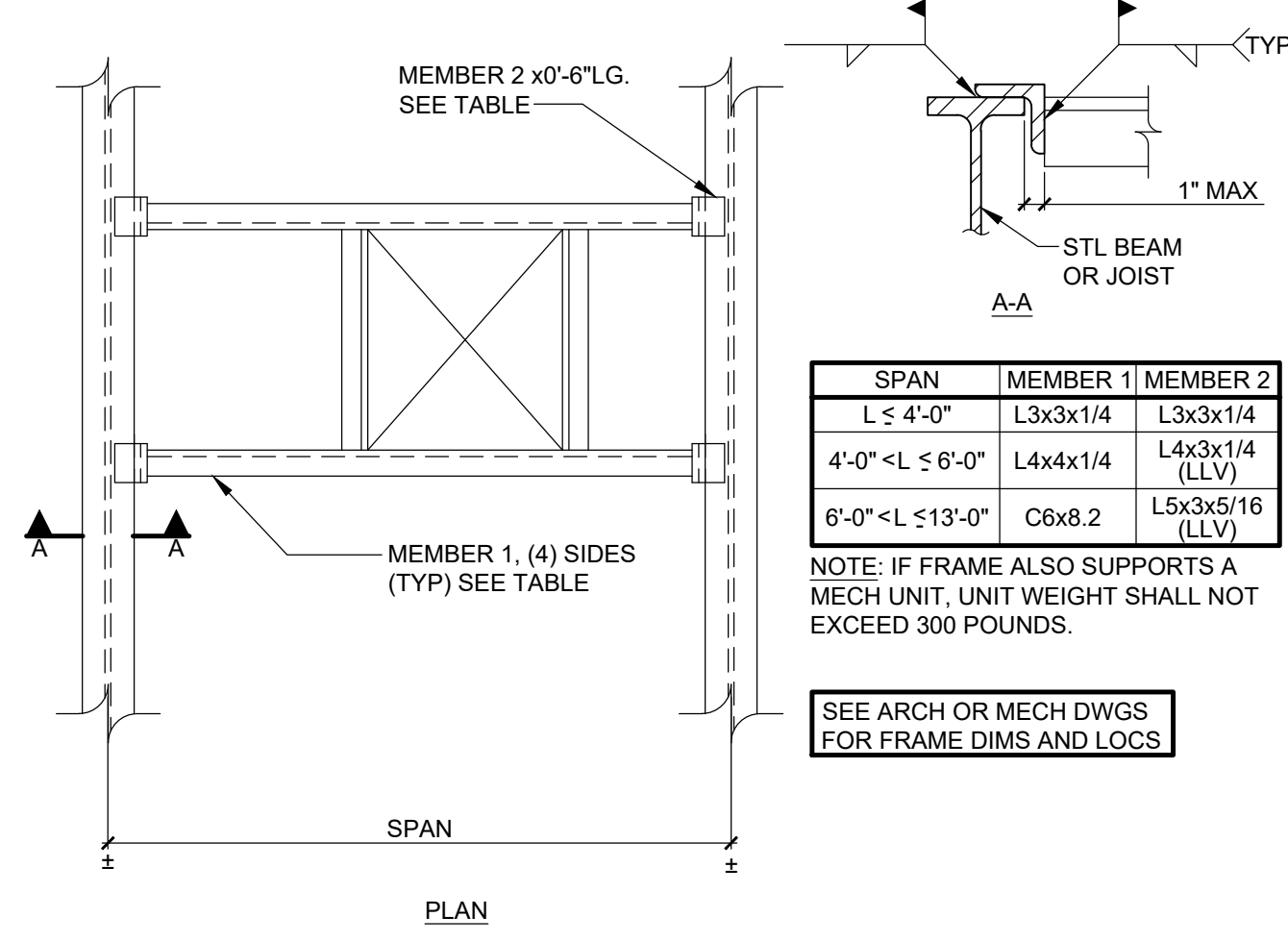


13 TYPICAL SKEWED SHEAR PLATE CONNECTION  
S5.00 NOT TO SCALE

NOTES:  
1. DETAILS SHOW A WELDED OPTION FOR SKEWED SHEAR CONNECTIONS. IF ALTERNATE SKEWED CONNECTION DETAIL IS DESIRED, IT SHALL BE SUBMITTED FOR REVIEW AND ACCEPTANCE PRIOR TO PRODUCING SHOP DRAWINGS.  
2. SEE DETAIL 3/S5.02 FOR OTHER CONNECTION REQUIREMENTS.



14 HSS GIRT CONNECTION TO COLUMN  
S5.00 SCALE: 3/4" = 1'-0"



15 TYPICAL WELDED ANGLE FRAME DETAIL  
S5.00 SCALE: 3/4" = 1'-0"

NOTE: IF EDGE OF OPENING IS LOCATED 6 INCHES OR LESS FROM AN EXISTING BEAM OR GIRDER, THE CLOSEST MEMBER PARALLEL TO THE EXISTING BEAM OR GIRDER MAY BE OMITTED.

REV.	DATE	ITEM

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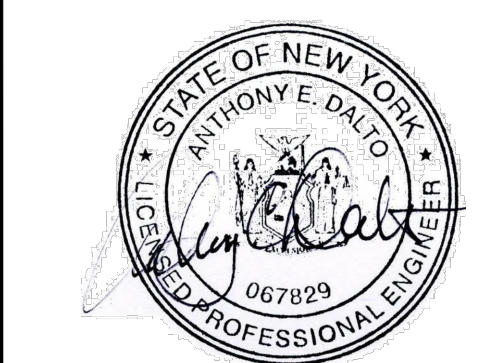
**PROJECT**  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**  
STEEL FRAMING SECTIONS AND DETAILS

DRAWING BY: AED  
CHECK BY: AED

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SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

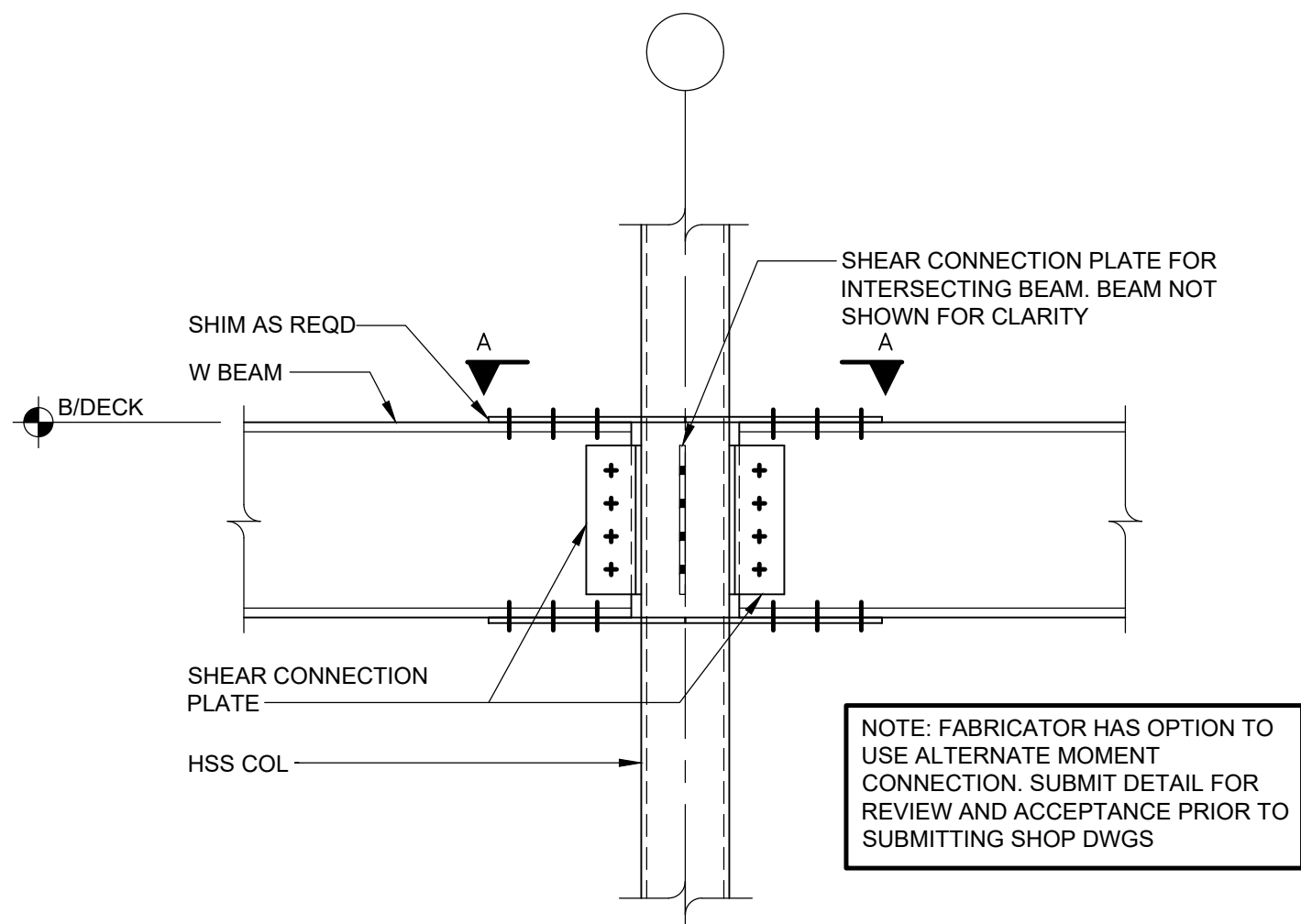
PROJECT CAPITAL IMPROVEMENTS - BOND PHASE 2

DWG TITLE STEEL FRAMING SECTIONS AND DETAILS

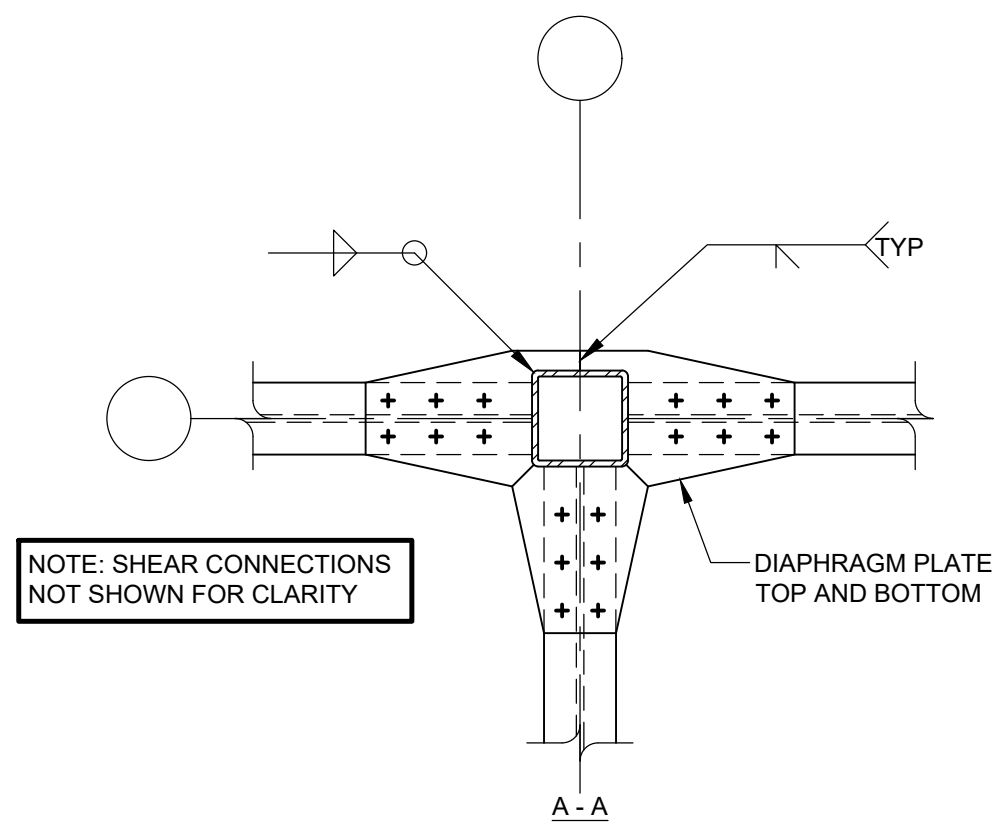
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BID PICK-UP: FEBRUARY 24, 2025  
FILE No. 23-1316 FLMS

S5.00

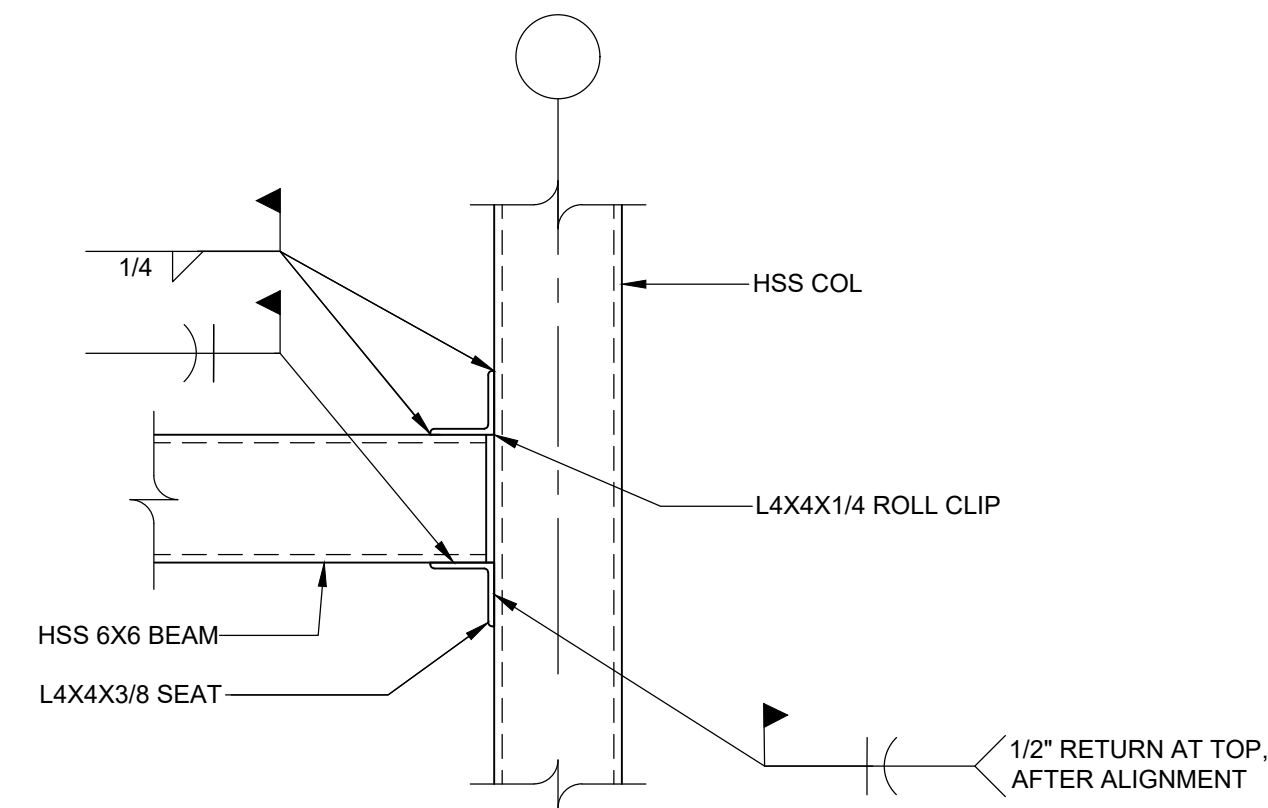
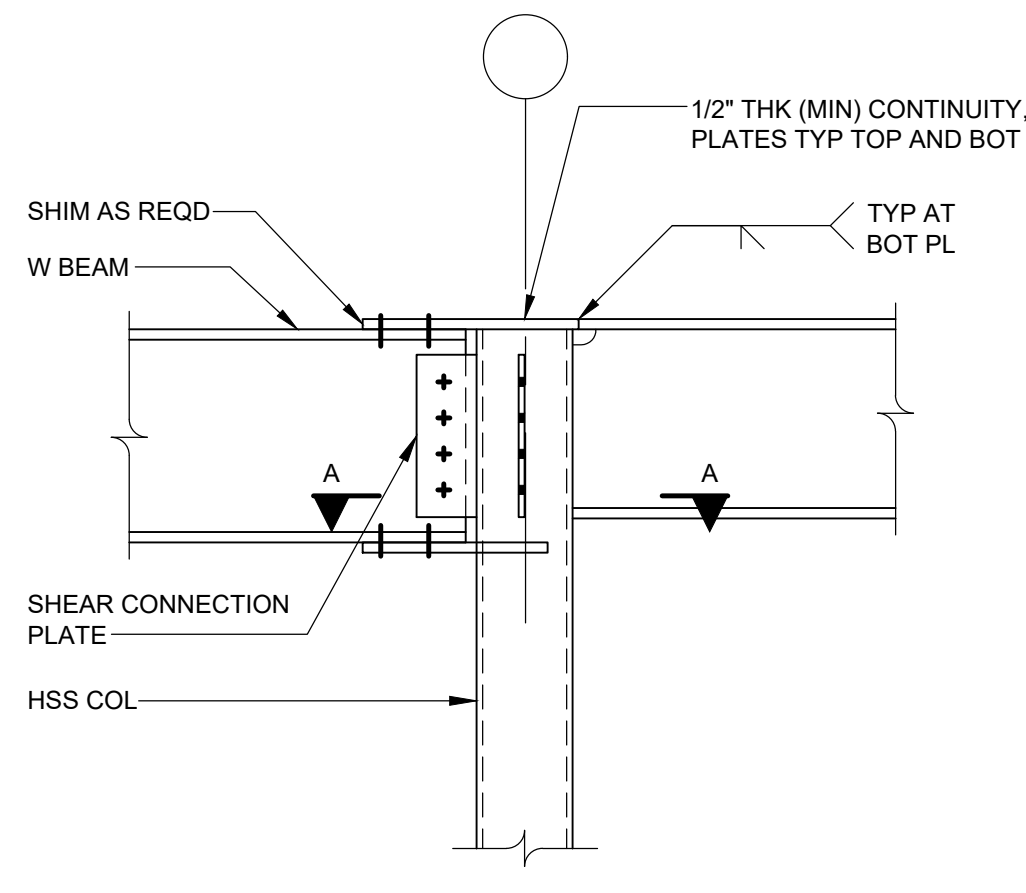




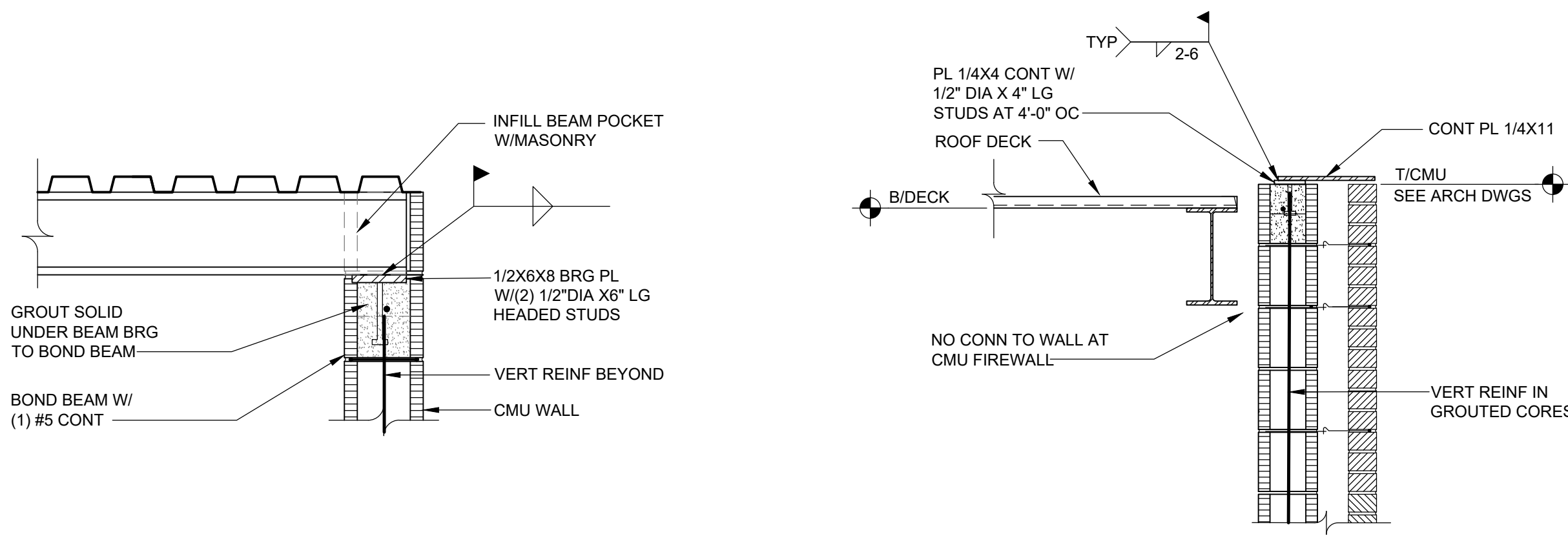
1 MOMENT CONNECTION DETAIL AT COLUMN  
S5.01 SCALE: 3/4" = 1'-0"



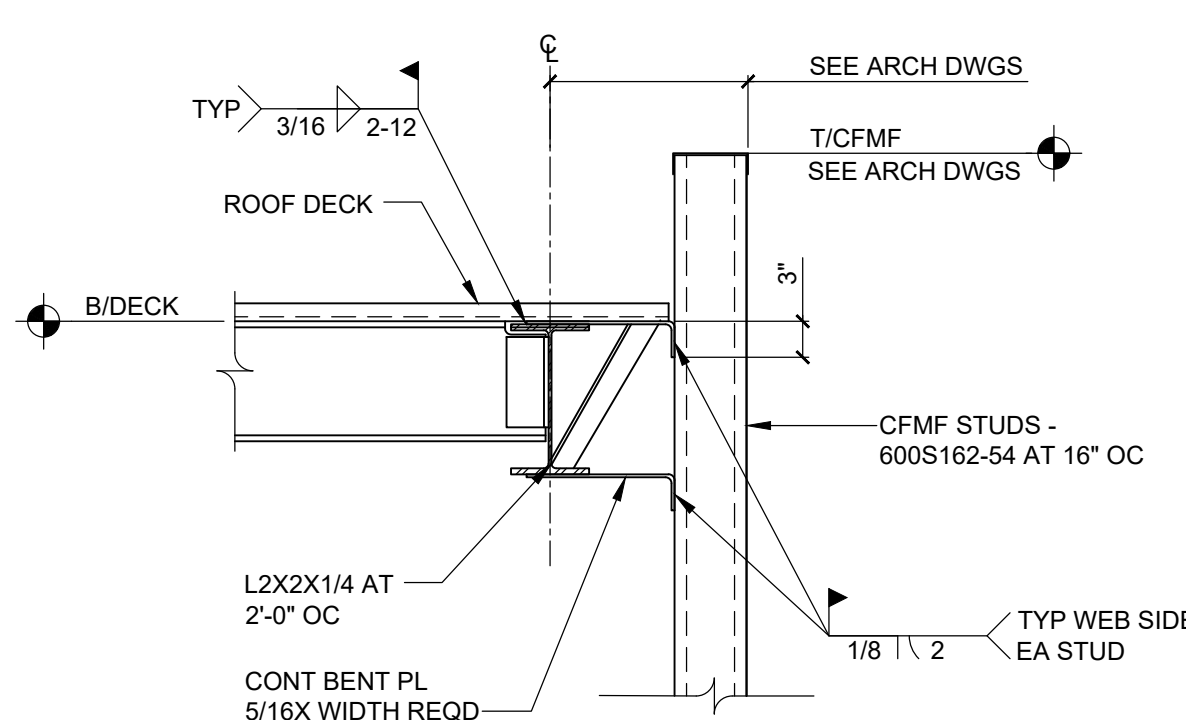
2 MOMENT CONNECTION AT OUTRIGGERS  
S5.01 SCALE: NTS



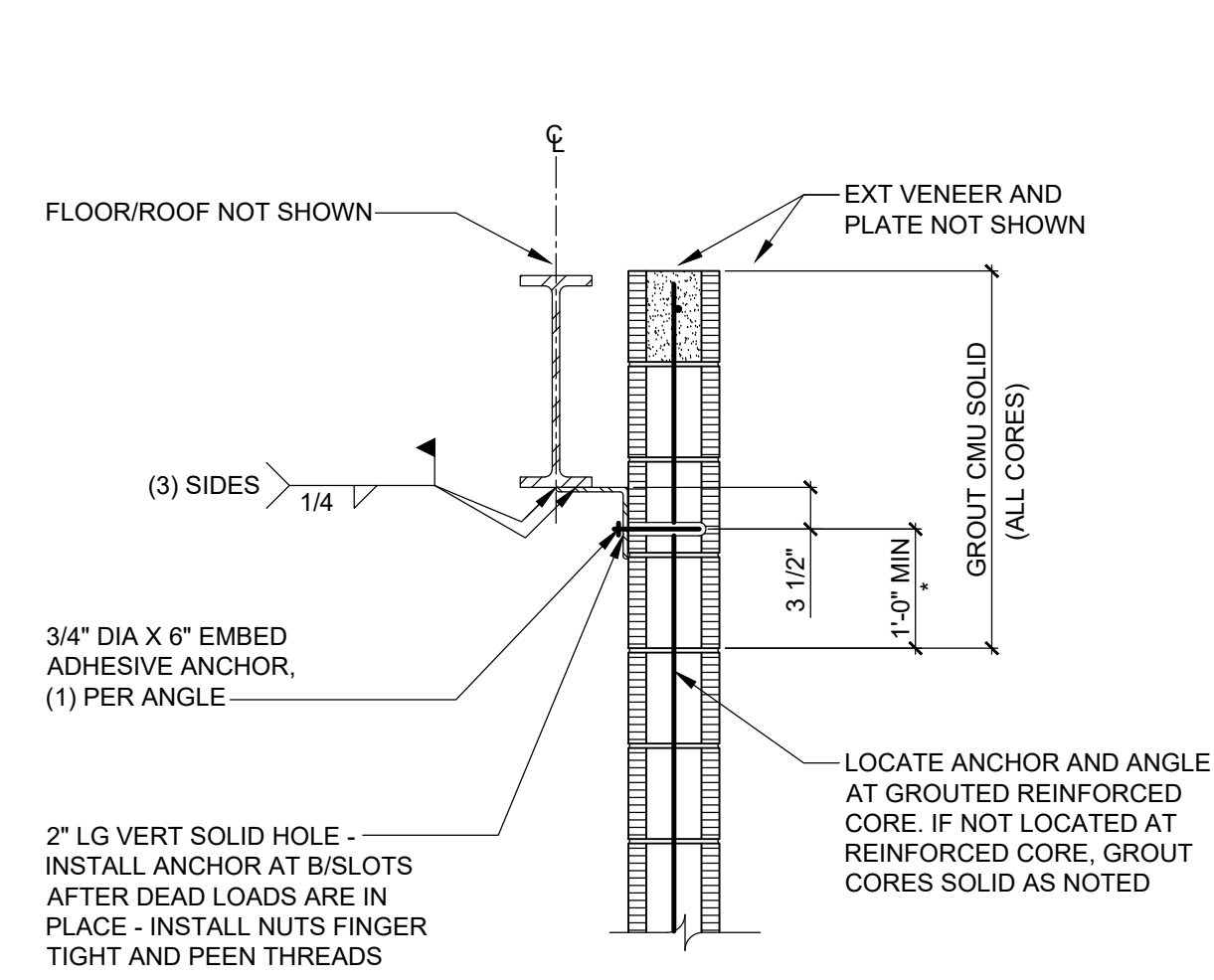
3 HSS CONNECTION TO COLUMNS  
S5.01 SCALE: 3/4" = 1'-0"



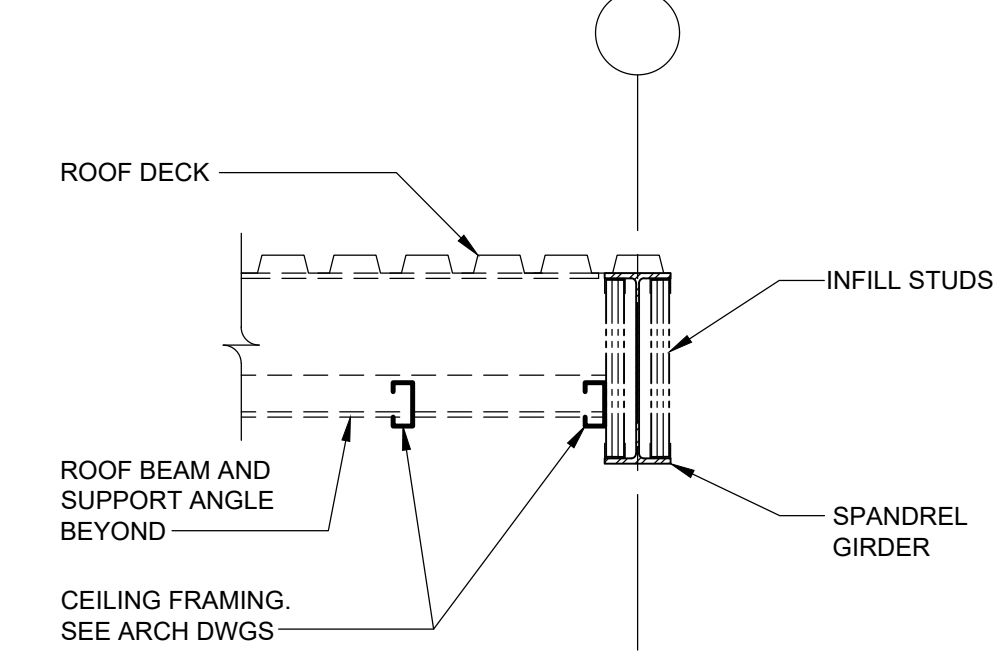
5 SECTION AT EXTERIOR FIREWALL  
S5.01 SCALE: 3/4" = 1'-0"



6 SECTION AT EXTERIOR WALL  
S5.01 SCALE: 3/4" = 1'-0"

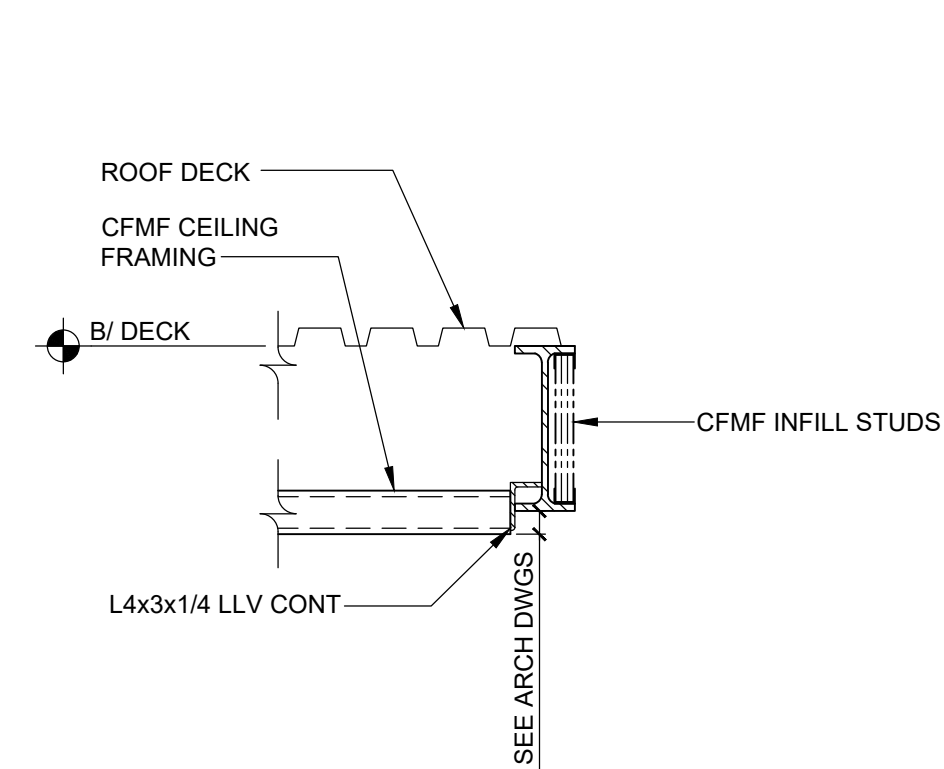


7 CMU WALL ANCHORAGE DETAIL  
S5.01 SCALE: 3/4" = 1'-0"  
NOTE:  
\* INDICATES EXTEND GROUT TO INCLUDE FULL HEIGHT OF COURSE.

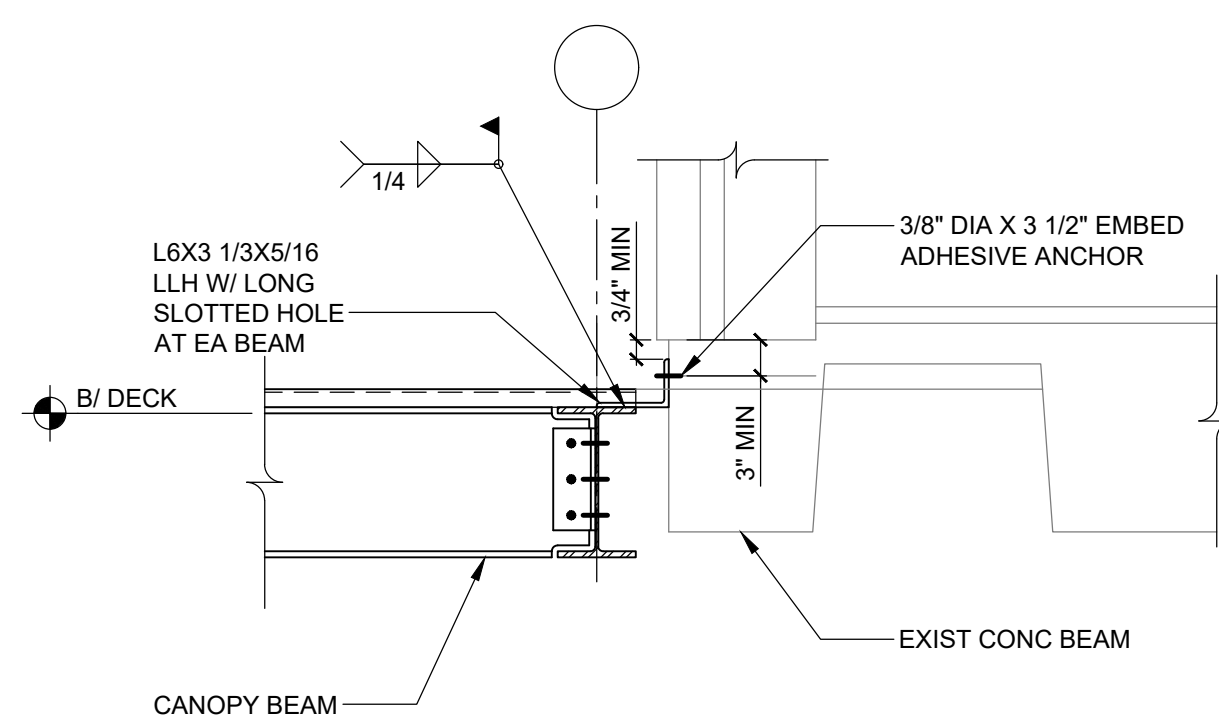


8 SECTION AT ROOF EDGE  
S5.01 SCALE: 3/4" = 1'-0"

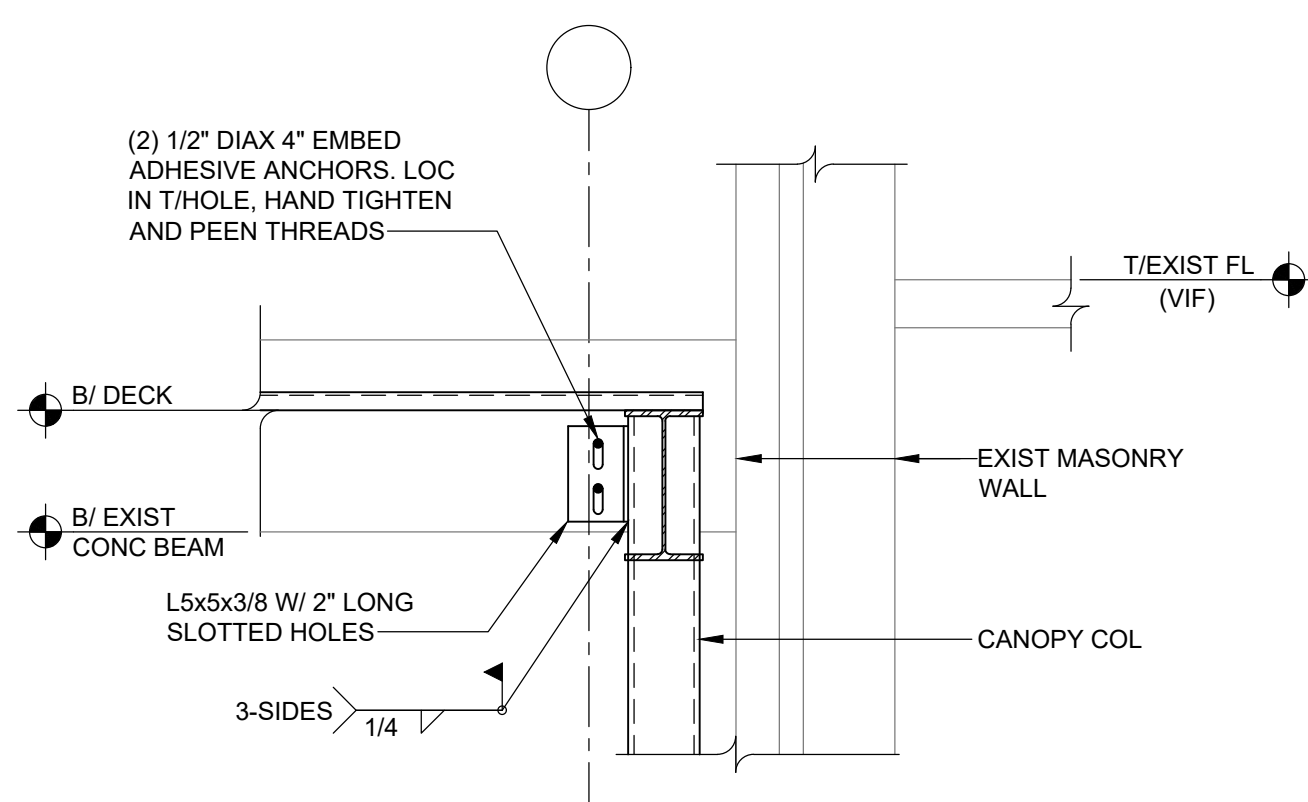
4 BEAM BEARING IN MASONRY WALL  
S5.01 SCALE: 1" = 1'-0"  
NOTE: CONTRACTOR'S OPTION TO USE THREADED ROD WITH TACK WELDED NUT IN LIEU OF HEADED STUDS.



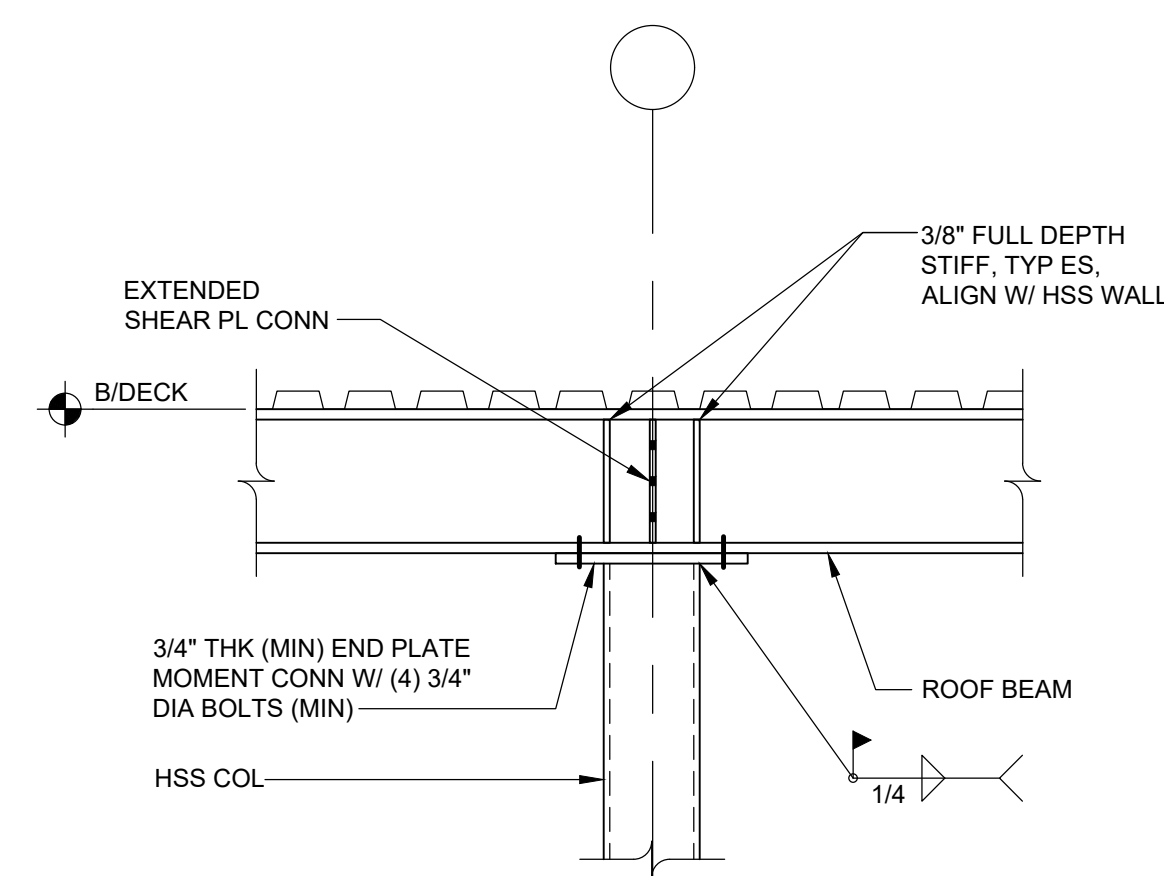
9 SECTION AT CANOPY ROOF EDGE  
S5.01 SCALE: 3/4" = 1'-0"  
NOTE: CFMF DESIGN AND CONNECTIONS BY CFMF ENGINEER. CONNECTIONS TO SUPPORT STEEL ARE SCHEMATIC AND MAY BE CHANGED AT DESCRETION OF CFMF DESIGN ENGINEER.



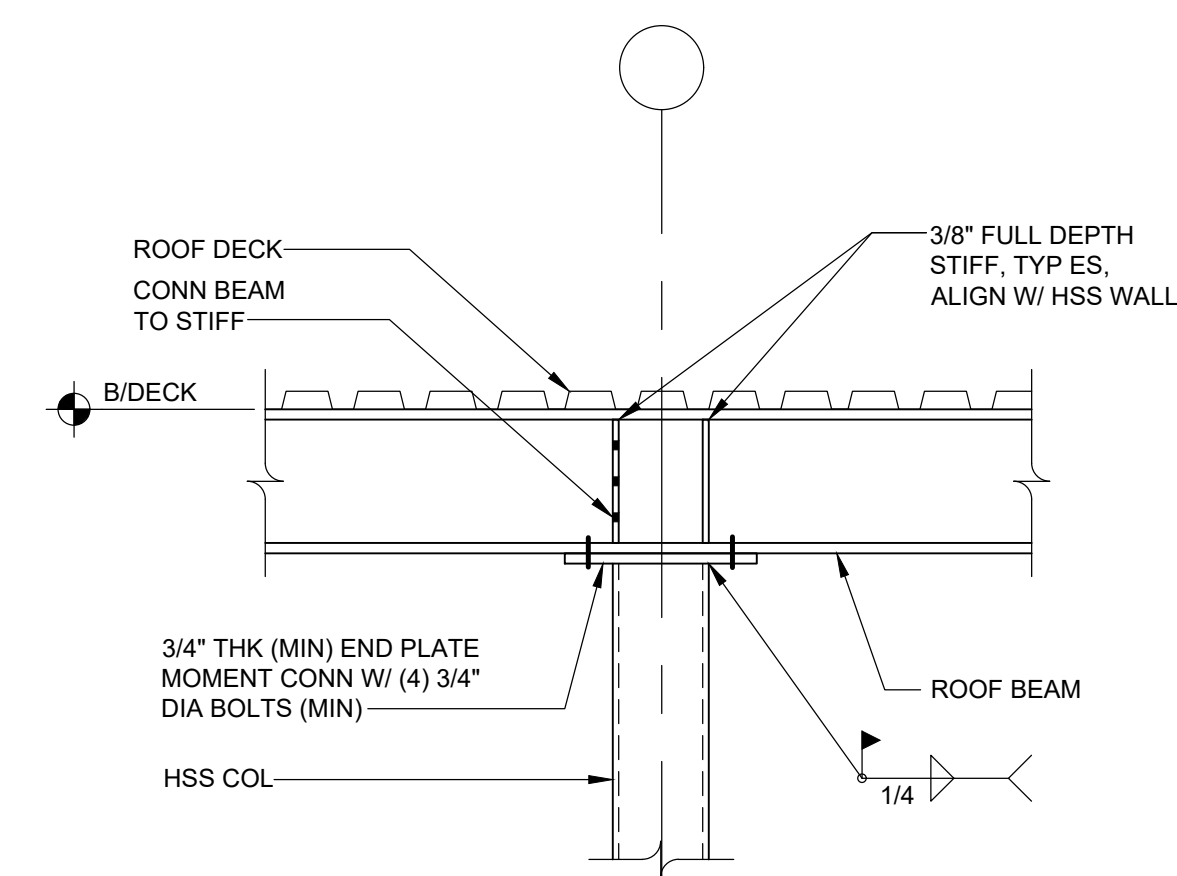
10 SECTION AT EXIST GYM SPANDREL BEAM  
S5.01 SCALE: 3/4" = 1'-0"



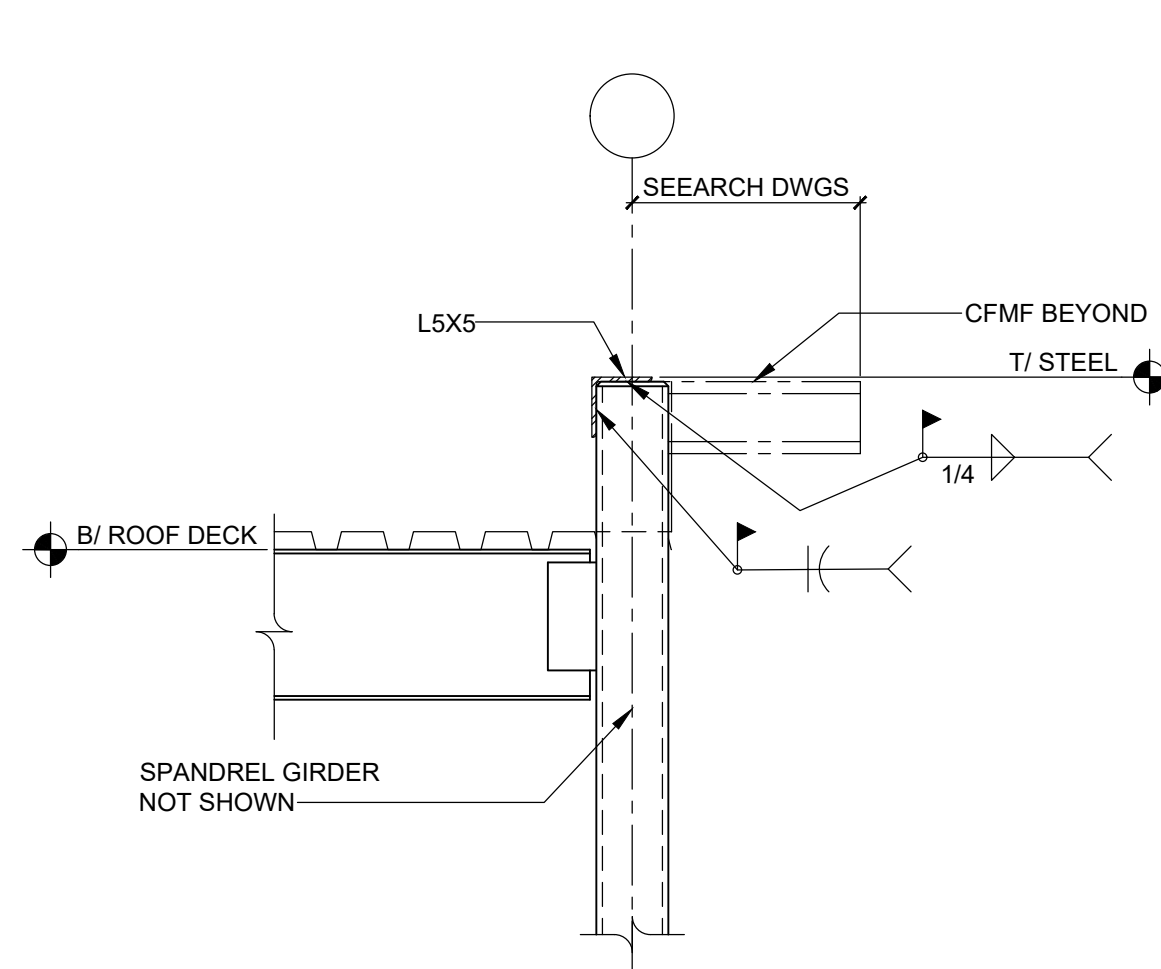
11 COLUMN TO EXIST BEAM CONNECTION  
S5.01 SCALE: 3/4" = 1'-0"



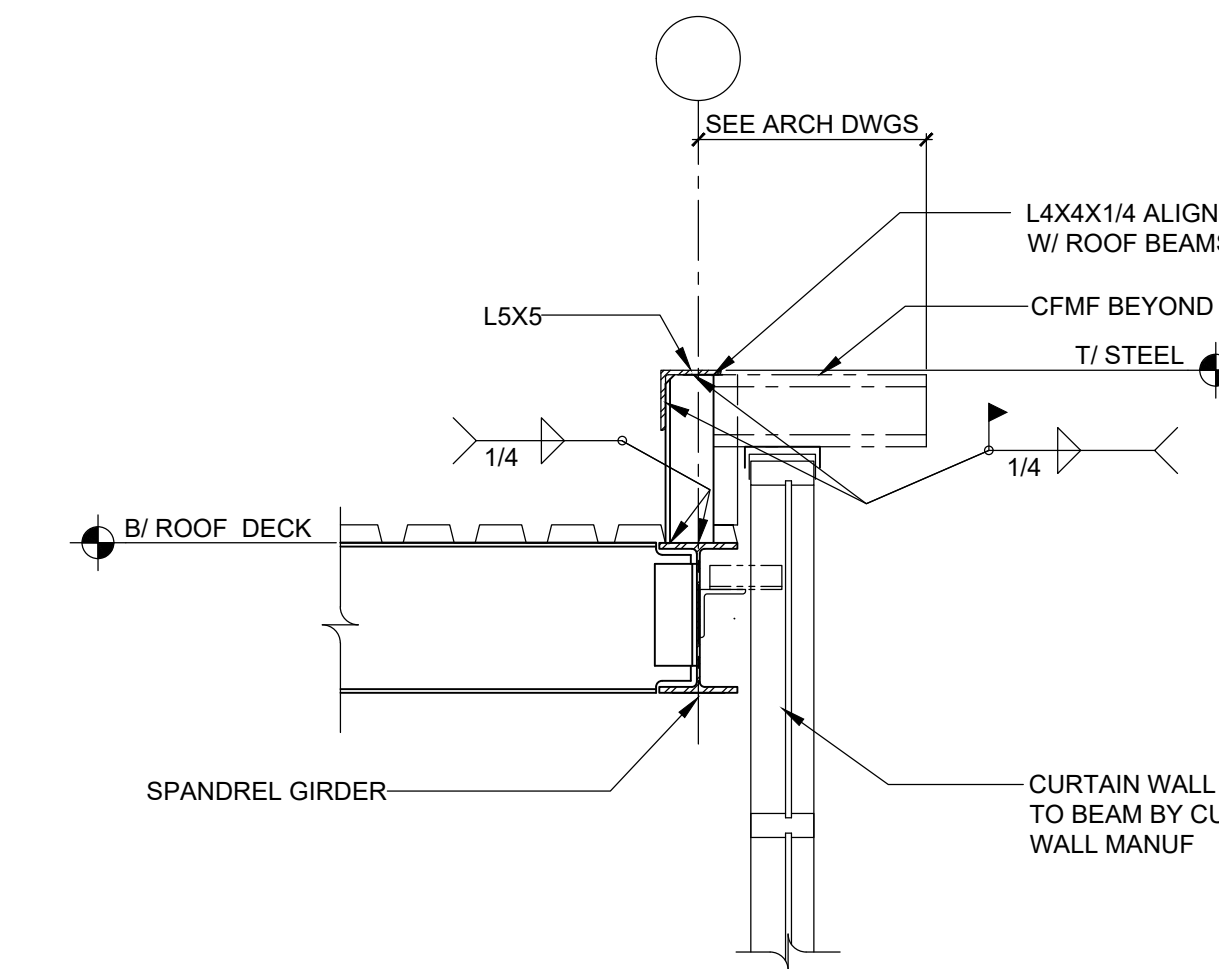
12 SECTION AT COLUMN  
S5.01 SCALE: 3/4" = 1'-0"



13 SECTION AT COLUMN  
S5.01 SCALE: 3/4" = 1'-0"



14 SECTION AT COLUMN  
S5.01 SCALE: 3/4" = 1'-0"



15 SECTION AT ROOF EDGE  
S5.01 SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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**PROJECT**  
BEDFORD CENTRAL SCHOOL DISTRICT  
CAPITAL IMPROVEMENTS - BOND PHASE 2  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**  
STEEL FRAMING SECTIONS AND DETAILS

DRAWING BY: AED  
CHECK BY: AED

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: CAPITAL IMPROVEMENTS - BOND PHASE 2

DWG TITLE: STEEL FRAMING SECTIONS AND DETAILS

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS



FIRE STOP NOTES

- ALL PIPING PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED BY PLUMBING CONTRACTOR.
- THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-657 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, 6P-606 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-616 PUTTY STICK, OR FS-635 TROWEL ABLE COMPOUND, AS SUITABLE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED.
- FIRESTOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS.

NEW WORK SCOPE NOTES

- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW FIXTURES AS SHOWN IN PLUMBING FIXTURE SCHEDULE ON DRAWING #P0.02.
- INSTALL NEW PIPING WITH CONNECTIONS TO EXISTING MAIN PIPING TO EACH NEW FIXTURE.
- CONNECT VENT PIPING TO EXISTING VENTS.
- SEE GENERAL NOTES AND PLUMBING SPECIFICATIONS DIVISION 22 FOR MORE DETAIL.
- DEMOLITION AND RECONSTRUCTION OF PLUMBING WALLS BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR.
- IN ALL INSTANCES WHERE NEW FIXTURES ARE PROPOSED THE PLUMBING CONTRACTOR SHALL PERFORM ALL DEMOLITION REQUIRED FOR REMOVAL OF EXISTING FIXTURE CARRIERS AND INSTALL NEW FIXTURE CARRIERS. GENERAL CONTRACTOR SHALL THEN BUILD/PATCH MASONRY WALLS AS REQUIRED INCLUDING NEW TILE FINISHES. UPON COMPLETION OF MASONRY/TILE THE PLUMBING CONTRACTOR SHALL INSTALL NEW FIXTURES PER SPECIFICATIONS

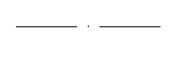
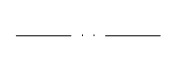

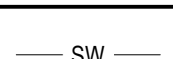
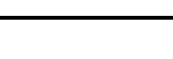
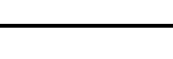
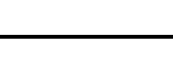
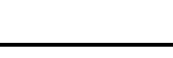
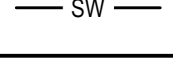
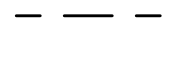

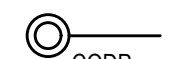


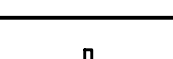
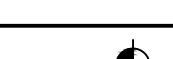
UTILITY NOTES

- PIPING LOCATIONS ARE SCHEMATIC AND EACH TRADE SHALL RUN PIPING IN ORDER TO USE THE LEAST AMOUNT OF MATERIAL.
- PLUMBING CONTRACTOR SHALL PROVIDE VENT PIPING FOR ALL PLUMBING FIXTURES AS PER CODE.
- PLUMBING NOTE: PIPING SIZES SEE SCHEDULE THIS SHEET.
- P.C. TO VERIFY SIZE OF SERVICE REQUIRED, SIZE AND EXACT LOCATION OF CONNECTIONS TO EACH PIECE OF FIXTURE AND/OR APPLIANCE.

EPA 67.4 NOTE

- THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 22 SPECIFICATIONS OUTLINING THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD FREE." THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR ALL FIXTURES AND BUILDING MATERIALS PRIOR TO THE FIXTURE INSTALLATION, AND CONFIRM ON THE JOBSITE THAT THE FIXTURE ADHERES TO "LEAD-FREE" REGULATIONS.
  - FOLLOWING THE POTABLE FIXTURE INSTALLATION, THE P.C. SHALL REMOVE ALL FILTERS AND STRAINERS AND FLUSH THE FIXTURE OF DEBRIS FROM THE SYSTEM.
- FOLLOWING THE COMPLETION OF THE P.C. WORK SCOPE, THE OWNER SHALL HAVE THE WATER CONDITIONS TESTED FOR LEAD CONTAMINANTS BY A THIRD-PARTY TESTING FIRM TO REGULATION 67.4 OF THE DEPARTMENT OF HEALTH REGULATIONS AS PART OF SECTION 1417 OF THE FEDERAL SAFE WATER ACT TO DETERMINE THEM AS "LEAD-FREE" COMPLIANT.
- IF A FIXTURE DOES NOT COMPLY WITH SUB-PART REGULATION 67.4 OF THE DOH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL PROVIDE A REPLACEMENT FIXTURE AT NO ADDITIONAL COST, TO THEN REPEAT THE INSTALLATION AND TESTING REQUIREMENTS. THE P.C. SHALL ASSURE THE FEE FOR THE FIRST LEAD TESTING PROCEDURE AS WELL AS THE FOLLOWING CONFIRMATION PROCEDURES AT NO ADDITIONAL COST TO THE OWNER.

PLUMBING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	EXISTING DOMESTIC COLD WATER PIPING
	EXISTING DOMESTIC HOT WATER PIPING
	EXISTING DOMESTIC HOT WATER RETURN PIPING
	EXISTING SANITARY WASTE PIPING
	NEW DOMESTIC COLD WATER PIPING
	NEW DOMESTIC HOT WATER PIPING
	NEW DOMESTIC HOT WATER RETURN PIPING
	NEW SANITARY WASTE PIPING
	NEW VENT PIPING
	EXISTING VENT PIPING
	CDOP DENOTES CLEAN OUT DECK PLATE
	E CDOP DENOTES EXISTING OUT DECK PLATE
	NEW BALL VALVE IN PIPING
	NEW HAMMER ARRESTOR IN PIPING
	CONNECTION POINT OF NEW WORK TO BE DONE.
	DEMOLITION WORK TO BE DONE
W.	WASTE PIPING
V.	VENT PIPING
HWS	HOT WATER SUPPLY PIPING
HWR	HOT WATER RE-CIRCULATION PIPING
CWS	COLD WATER SUPPLY PIPING
RECIRC.	RECIRCULATION

GENERAL CONSTRUCTION NOTES

- PLUMBING CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID AND PERFORM ALL INVESTIGATION WORK BEFORE SUBMITTING A BID ON THE PLUMBING WORK.
- CONNECT ALL HOT WATER, COLD WATER, VENT, AND WASTE PIPING AS REQUIRED INCLUDING PIPING, VALVES, TAPS, ESCUTCHEONS, SLEEVES, ACCESS DOORS, CLEANOUTS, PIPE HANGERS, INSULATION, ETC.
- PROVIDE AND INSTALL PLUMBING FIXTURES INCLUDING ALL CUTTING AND PATCHING AS REQUIRED INCLUDING WASTE, VENT, AND WATER SUPPLY CONNECTIONS AND FITTINGS (ALL TRAPS TO HAVE CLEANOUTS).
- ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING RELATED FEES.
- PLUMBING CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION.
- INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE 1/2" COPPER. UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE 1/2" COPPER FOR UP TO 2' AND DUCTILE IRON OVER 2'. WASTE PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE, HUB AND SPOUT UNDERGROUND, AND NO HUB INSIDE BUILDING. STORM DRAIN PIPING SHALL BE NO HUB CAST IRON. SOIL PIPE INSIDE BUILDING. VENT PIPING SHALL BE NO HUB CAST IRON.
- ALL WORK SHALL BE PROPERLY TESTED AND CLEANED. PROVIDE ONE YEAR WARRANTY FROM DATE OF ACCEPTED COMPLETION ON ALL PARTS AND LABOR.
- ALL EXPOSED METALWORK ON PLUMBING FIXTURES SHALL BE CHROME PLATED.
- PROVIDE SHUTOFF VALVE ON WATER SUPPLY BRANCH TO EACH INDIVIDUAL FIXTURE IN AN ACCESSIBLE LOCATION.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WHERE DISSIMILAR METALS ARE CONNECTED, PROVIDE AN APPROVED MAKE OF NON-GALVANIC ISOLATOR, DIELECTRIC UNION OR FLANGES.
- PROVIDE AND INSTALL BOLT CAPS ON ALL TOILETS.
- RUN LOCAL HORIZONTAL DRAINAGE PIPING AT A GRADE OF 1/4-INCH PER FOOT WHEREVER POSSIBLE, BUT NO LESS THAN 1/8-INCH PER FOOT; HOUSE DRAINS AT 1/8-INCH PER FOOT UNLESS OTHERWISE NOTED AND OUTSIDE UNDERGROUND DRAINAGE PIPING AS INDICATED OR REQUIRED BY CODE.
- RUN VENT PIPING WITH LONG TURN ELBOWS AT CHANGES IN DIRECTION, GRADE TO DRAIN OUT CONDENSATION, AND CONNECT AT BASE TO PREVENT ACCUMULATION OF RUST.
- PROVIDE CLEANOUTS (FULL SIZE UP TO 4-INCHES AND AT LEAST HALF-SIZE FOR LARGER PIPES WITH 4-INCH MINIMUM) WHERE INDICATED, APPROXIMATELY EVERY 50 FEET ON HORIZONTAL DRAINAGE PIPING, AT CHANGES IN DIRECTION, AT BASE OF LEADERS, SOIL, AND WASTE STACKS, AND AS REQUIRED BY CODE.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORE DRILLING THRU WALLS, FLOORS AND CUTTING AND PATCHING AS REQUIRED TO FACILITATE INSTALLATION OF PIPES AND PLUMBING FIXTURES.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL NEW VENTS FROM FIXTURES UP TO ROOF AS SHOWN.
- ALL FLOOR TRAPS SHALL BE INSTALLED WITH PRIMER TAPPING FOR WATER CONNECTION TO TRAP.
- P.C. SHALL PROVIDE AND INSTALL PIPE INSULATION ON ALL DOMESTIC COLD WATER SUPPLY, HOT WATER SUPPLY, HOT WATER SUPPLY (RE-CIRCULATION LINE) AND ROOF DRAIN PIPING THAT IS EXPOSED ABOVE CEILINGS OR IN CRAWL SPACE AND PIPE CHASES.

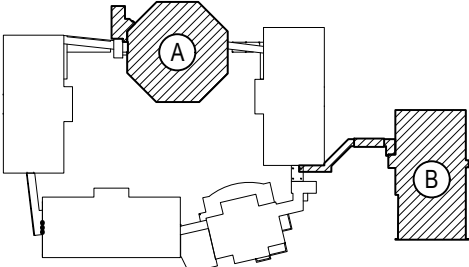
EXISTING PIPING FIELD VERIFICATION NOTES

- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO INCLUDE IN THEIR PROPOSAL, EXISTING FIELD VERIFICATION OF ALL EXISTING PLUMBING INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
- COLD WATER LINES
  - HOT WATER SUPPLY LINES
  - HOT WATER RE-CIRCULATION LINES
  - SANITARY WASTE LINES
  - VENT LINES

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
GENERAL NOTES, LEGENDS, ETC.

DRAWING BY: JH  
CHECK BY: CW

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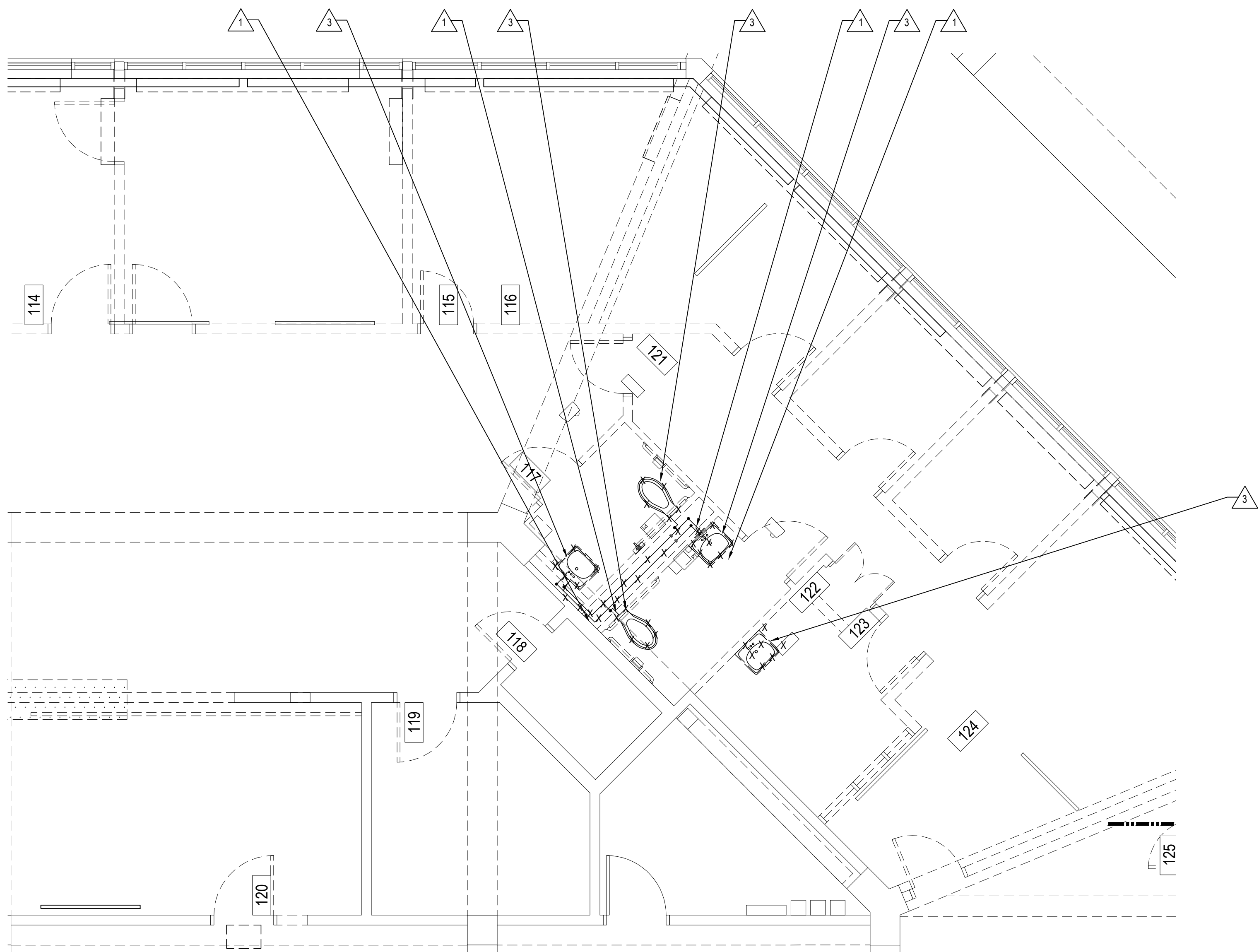
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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	GENERAL NOTES, LEGENDS, ETC.
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS

P0.01



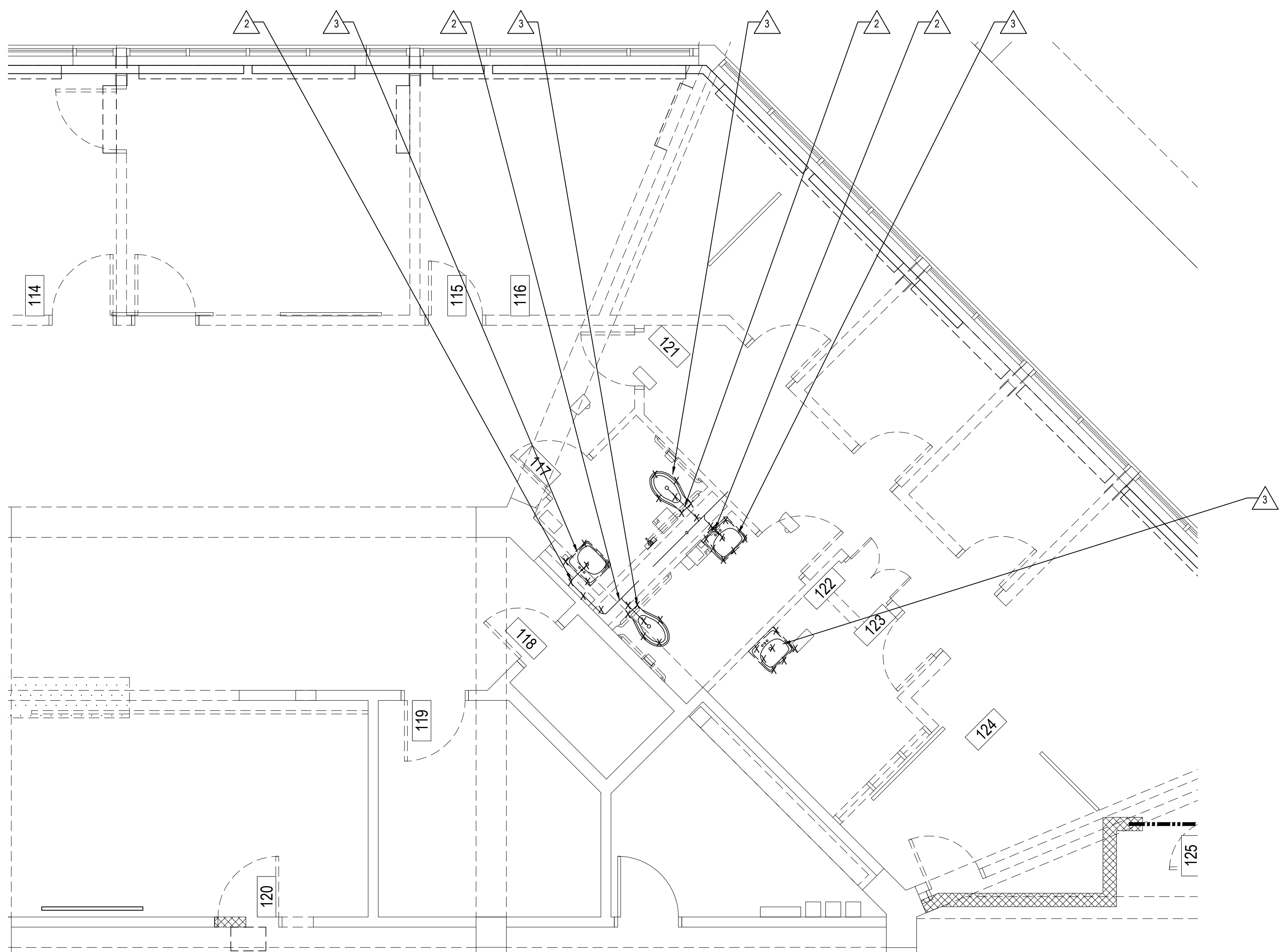
DEMOLITION KEY NOTES		
1	PC TO DEMO AND REMOVE EXISTING HW/CW PIPING AS SHOWN.	
2	PC TO DEMO AND REMOVE EXISTING SEWER PIPING AS SHOWN.	
3	PC TO DEMO AND REMOVE EXISTING WATER CLOSETS AND SINKS AS SHOWN.	
4	PC TO REMOVE EXISTING PLUMBING CASEWORK AND INCORPORATED PIPING AS SHOWN.	



FIRST FLOOR PLUMBING DOMESTIC WATER DEMOLITION PLAN

NOTE:

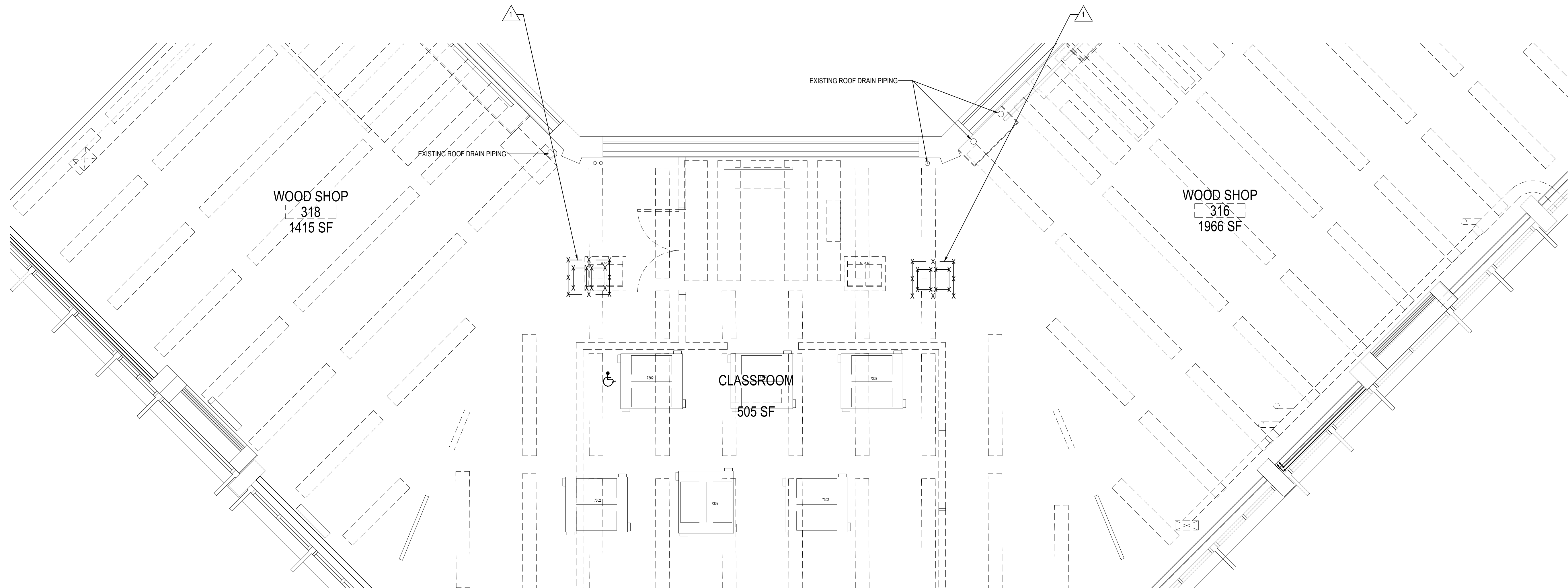
SCALE: 1/4" = 1'-0"



FIRST FLOOR PLUMBING DOMESTIC WATER DEMOLITION PLAN

NOTE:

SCALE: 1/4" = 1'-0"



THIRD FLOOR PLUMBING DEMOLITION PLAN

NOTE:

SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

DEMOLITION PLANS

DWG TITLE

DRAWING BY: JH

CHECK BY: CW

NOTICE

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: DEMOLITION PLANS

SCALE: AS NOTED

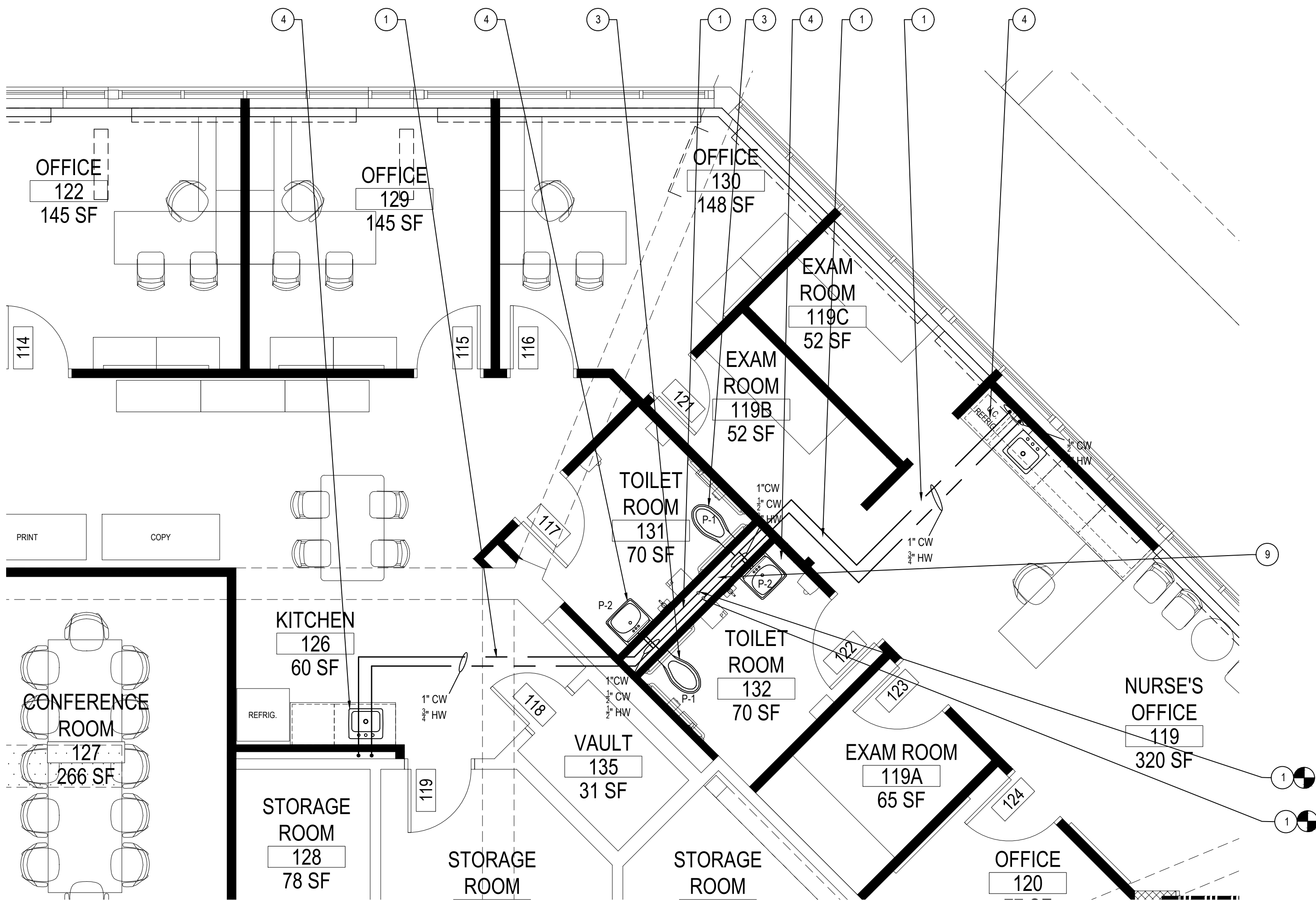
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

P1.01

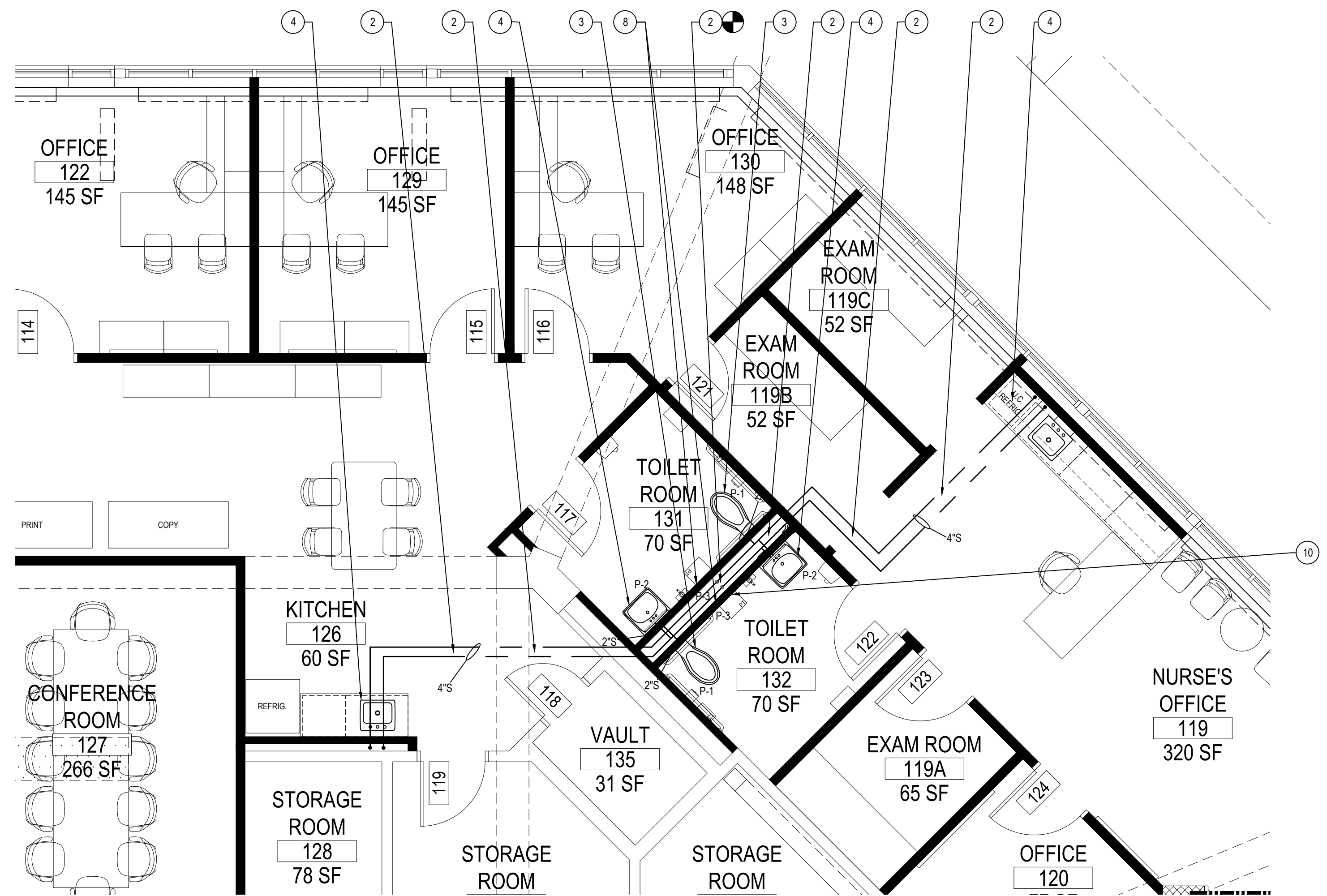




FIRST FLOOR PLUMBING DOMESTIC WATER PROPOSED PLAN

NOTE:

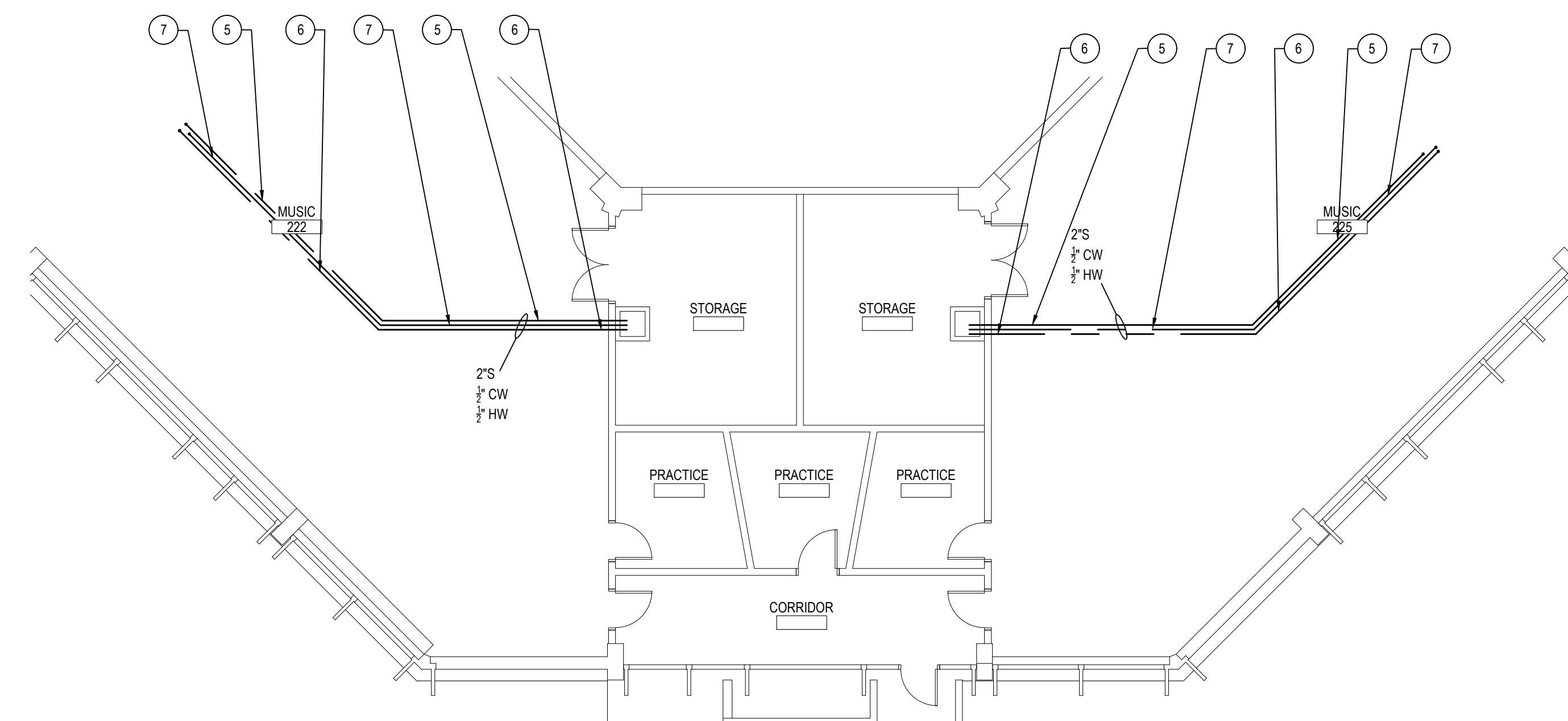
SCALE: 1/4" = 1'-0"



FIRST FLOOR PLUMBING DOMESTIC WATER PROPOSED PLAN

NOTE:

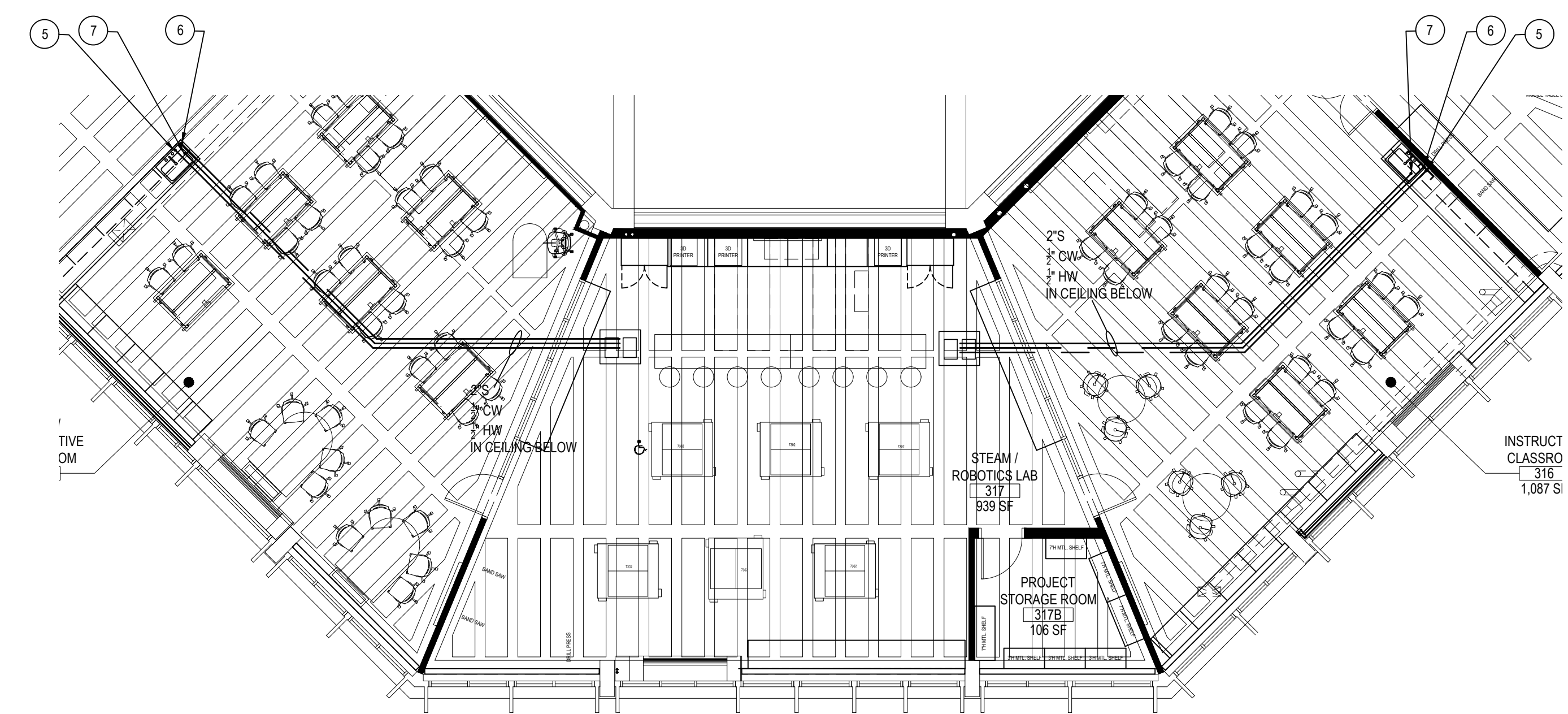
SCALE: 1/4" = 1'-0"



SECOND FLOOR PLUMBING PROPOSED PLAN

NOTE:

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLUMBING PROPOSED PLAN

NOTE:

SCALE: 1/8" = 1'-0"

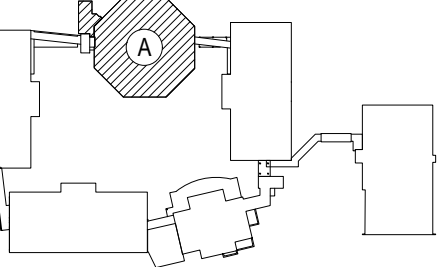
#### PROPOSED KEY NOTES

- 1 PC TO TAP OFF EXISTING HW/CW LINES IN THE WET WALL AND INSTALL NEW HW/CW LINES AS SHOWN. PC TO WRAP PIPING WITH 2" INSULATION. SEE DWG P6.01 FOR MORE INFORMATION.
  - 2 PC TO INSTALL NEW SEWER LINE AS SHOWN. RUN EACH LINE TO FIXTURES AS SHOWN AND TIE INTO EXISTING SEWER LINE. GC TO REPAIR FLOOR AFTER PIPING IS INSTALLED.
  - 3 PC TO INSTALL NEW WATER CLOSET. SEE DWG P6.01 FOR MORE INFORMATION.
  - 4 PC TO INSTALL NEW LAVATORY. SEE DWG P6.01 FOR MORE INFORMATION.
  - 5 PC TO TAP OFF EXISTING CW LINE AND RUN PIPE IN THE CEILING ON THE SECOND FLOOR THEN UP TO NEW LAVATORIES IN ROOMS 316 AND 318 AS SHOWN.
  - 6 PC TO TAP OFF EXISTING HW LINE AND RUN PIPE IN THE CEILING ON THE SECOND FLOOR THEN UP TO NEW LAVATORIES IN ROOMS 316 AND 318 AS SHOWN.
  - 7 PC TO TAP OFF EXISTING SEWER LINE AND RUN PIPE IN THE CEILING ON THE SECOND FLOOR THEN UP TO NEW LAVATORIES IN ROOMS 316 AND 318 AS SHOWN.
  - 8 PC TO RUN NEW CW LINE TO NEW WALL HYDRANT AS SHOWN. SEE DWG P6.01 FOR MORE INFORMATION.
  - 9 PC TO INSTALL WATER HAMMER ARRESTORS WHERE APPLICABLE. SEE DWG P6.01 FOR MORE INFORMATION.
  - 10 GC TO REPLACE ACCESS DOOR IN ITS CURRENT LOCATION.
- CONNECTION FROM NEW TO EXISTING.

REV.	DATE	ITEM

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#### KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DWG TITLE

DRAWING BY: JH

CHECK BY: CW

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: PROPOSED PLANS

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

P2.01

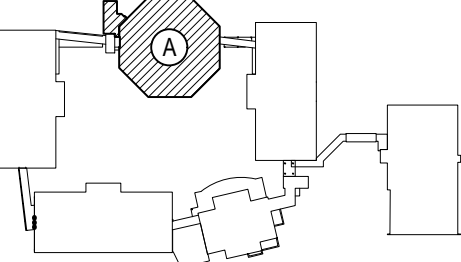


PLUMBING FIXTURE TYPES							
FIXTURE TYPE	TAG No.	FIXTURE	TRAP SIZE	VENT SIZE	COLD WATER	HOT WATER	DESCRIPTION
WATER CLOSET	P-1	WALL MOUNTED WATER CLOSET	4"	2"	1"	--	ZURN Z561S-BWL-AM ECOVANTAGE HIGH EFFICIENCY TOILET SYSTEM VITREOUS CHINA, 1.1 GPF (4.2 LPI) OR GREATER HIGH EFFICIENCY WALL HUNG TOILET WITH SIPHON JET FLUSHING ACTION, ZURN SHIELD TM CERAMIC GLAZE AND ELONGATED FRONT RIM WITH 1-1/2" TOP SPUD, UNIVERSAL HIGH , 1.1 GALLONS PER FLUSH, ZURN ZTR6200 EXPOSED, QUIET PISTON-TYPE, CHROME PLATED FLUSHOMETER VALVE WITH A POLISHED EXTERIOR, COMPLETE WITH CHLORAMINE RESISTANT, FILTERED PISTON KIT, THE VALVE INCORPORATES A BATTERY POWERED SOLENOID ACTUATOR, AUTOMATIC SENSOR WITH MANUAL OVERRIDE PUSH BUTTON, AND ROBUST VANDAL RESISTANT METAL COVER WITH 10 DEGREE ANGLED SENSOR, ZURN Z566SS-AM, 1" HIGH, IS AN ELONGATED, EXTRA HEAVY DUTY, PREMIUM WHITE, OPEN FRONT TOILET SEAT WITH LESS COVER AND STAINLESS STEEL CHECK HINGE.REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
LAVATORY	P-2	ADA ACCESSIBLE LAVATORY	1½"	1½"	½"	½"	ZURN Z5341 WALL-MOUNTED CONCEALED CARRIER ARM LAVATORY – SINGLE HOLE 20" X 18" VITREOUS CHINA WALL-MOUNTED LAVATORY WITH SINGLE FAUCET HOLE. PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS, FRONT OVERFLOW. ZURN Z8950-XL-S-F ZURN HYDRO-X POWER SENSOR FAUCETS, CHROME-PLATED CAST BRASS SENSOR FAUCET WITH INFRARED PROXIMITY SENSOR, A STANDARD 1.5 GPM FLOW CONTROL, AND MOUNTING HARDWARE. ZURN P8000-TM-V-1-XL THERMOSTATIC LEAD FREE VALVE MEETS ASSE 1010. ZURN Z8746-PC, CHROME-PLATED CAST BRASS OPEN GRID DRAIN STRAINER, AND CHROME PLATED CAST BRASS ELBOW, FURNISHED WITH 1-1/4 17 GAUGE CHROME PLATED TUBULAR BRASS OFFSET TAILPIECE FOR SINK DEPTH TO 2-1/2. ZURN Z8708-PC TO Z8708-PC, CHROME-PLATED CAST BRASS (COPPER ALLOY) BODY P-TRAP WITH CLEANOUT, TUBULAR BRASS WALL BEND AS SPECIFIED, DIE-CAST NUTS AND SHALLOW ESCUTCHION WITH COMPRESSION INLET. ZURN Z8809-XL-LR-LK-PC TO Z8809-XL-LR-LK-PC TWO ZURN CHROME PLATED, SOLID BRASS ANGLE STOPS WITH ROUND WHEEL HANDLES OR LOOSE KEY AS SPECIFIED, TWO 12" FLEXIBLE CHROME PLATED COPPER LAVATORY RISERS COMPLETE WITH TWO CHROME PLATED STEEL FLANGES. Z8808-XL-LR-PC TO Z8809-XL-LR-LK-PC INCLUDE 6" (127MM) CHROME PLATED COPPER EXTENSION TUBES AND DEEP BELL STEEL FLANGES. TRUEBRO MODEL 2018-AS-L LAV SHIELD ENCLOSURE. ZURN Z1231 LAVATORY SUPPORT SYSTEM WITH CONCEALED ARMS, COMPLETE WITH DURA-COATED RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVES, ALIGNMENT TRUSS, AND MOUNTING FASTENERS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
WALL HYDRANT	P-3	WALL HYDRANT (INTERIOR)	--	--	¾"	--	ZURN Z1321XL EXPOSED, ECOLOTROL, LEAD-FREE, NON-FREEZE AUTOMATIC DRAINING WALL HYDRANT FOR FLUSH INSTALLATION. HYDRANT FEATURES INTEGRAL BACKFLOW PREVENTER WITH ANTI-SIPHON TECHNOLOGY, COPPER CASING, ALL-BRONZE INTERIOR COMPONENTS WITH 1/2 TURN LONG-LIFE CERAMIC DISC CARTRIDGE, COMBINATION 3/4" FEMALE SOLDER AND 3/4" MALE PIPE THREAD INLET CONNECTION, AND 3/4" MALE HOSE CONNECTION. HYDRANT FURNISHED WITH TYPE 304 STAINLESS STEEL FACEPLATE AND INCLUDES OPERATING KEY.
ARRESTOR	P-4	WATER HAMMER ARRESTOR	--	--	¾"	--	DATEY QUIET PIPES HAMMER ARRESTORS SIZE A-F. ARRESTOR CHAMBERS SHAL BE SPECIFICALLY SIZED TO ACCOMMODATE AND DISSIPATE ENERGY GENERATED BY SUCH VALVES AND FAUCETS. ARRESTORS SHALL BE EFFECTIVE WHEN INSTALLED ANY ANGLE. ARRESTOR SHALL BE LEAD-FREE, MADE OF COPPER AND INCLUDE POLYPROPYLENE PISTON WITH TWO NBR O-RINGS. ARRESTORS SHALL BE ANSI/ASSE1010-200 CERTIFIED AND APPROVED FOR INSTALLATION WITH NO ACCESS PANEL REQUIRED. ARRESTOR BODY: COPPER (TYPE K), PISTON: POLYPROPYLENE WITH TWO NBR O-RINGS PISTON LUBRICATION: DOW CORNING MOLYKOTE 111. FITTINGS AVAILABLE: MALES SWEAT/PRESS, FEMALE CPVC, MP, F1807 PEX & F1960 PEX/NO LEAD BRASS C48400). TEMPERATURE RANGE: 33°F-180°F, MAX WORKING PRESSURE: 6-400 Psi. ANSI/ASSE1010-2004LPC.PDI WH-201-2017.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE

SCHEDULES AND DETAILS

DRAWING BY: JH

CHECK BY: CW

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SED No. 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE SCHEDULES AND DETAILS

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS



## ELECTRICAL CONSTRUCTION NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE N.E.C., APPLICABLE LOCAL CODES, STATE CODES, OWNERS WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEERS SPECIFICATIONS.
- THE VOLTAGE CHARACTERISTIC OF BUILDING IS 480Y/277V, 3-PHASE, 4-WIRE, GROUNDING NEUTRAL, WYE, ALL EQUIPMENT SHALL BE COMPATIBLE WITH THESE CHARACTERISTICS. VERIFY AND MAINTAIN ALL PHASE ROTATIONS THROUGHOUT THE PROJECT.
- THE DRAWINGS SCHEMATICALLY SHOW THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC. THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND / OR OWNER WHO RESERVES THE RIGHT TO MAKE ANY CHANGES IN LOCATION AND/OR HANGING OF THE RESPECTIVE UTILITY WITHOUT EXTRA COST TO THE OWNER. CONTRACTOR SHALL VERIFY ALL INDICATED OR APPROXIMATED DIMENSIONS DRAWN OR DENOTED.
- CONTRACTOR SHALL EXAMINE THE SITE TO VERIFY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID. ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT / ENGINEERS ATTENTION BEFORE BID SUBMITTAL. ANY FIELD CONDITION FOUND AFTER BID APPROVAL, WHICH HAMPERS AND/OR PREVENTS ANY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BID THE HIGHER SPECIFICATION FOR ANY DISCREPANCY BETWEEN DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE ALL LABOR SERVICE MATERIALS, EQUIPMENT, AND RELATED ITEMS TO COMPLETE THE WORK OF THIS DIVISION, AS REQUIRED BY THE NATIONAL ELECTRIC CODE, AND ALL STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS, RELATED DETAIL AND IS NECESSARY TO COMPLETE THE INSTALLATION.
- CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CATV, AN APPROVED ELECTRICAL INSPECTION AGENCY, ALARM AND FIRE PROTECTION COMPANIES.
- CONTRACTOR SHALL REFER TO ALL OTHER DRAWINGS IN BID PACKAGE AND PERFORM THE WORK (INCLUDE IN HIS BID) INDICATED AS ELECTRICAL CONTRACTOR (E.C.) WORK.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE OWNER.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL OBTAIN AN INSPECTION CERTIFICATE AND PAY ASSOCIATED FEE. SUBMIT A PHOTOCOPY OF THIS CERTIFICATE TO THE ENGINEER WITH FINAL PAYMENT APPLICATION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS DEFINED IN SPECIFICATION SECTION 07100 OF THE PROJECT MANUAL.
- A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, BRANCHES AND CONDUITS AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS, OUTLETS, MOTORS, AND APPURTENANCES.
- PROVIDE IDENTIFICATION FOR ALL PANEL AND MOTOR FEEDER CABLES IN PULL BOXES AND AT TERMINATIONS. ANY CONDUCTOR VOLTAGES HIGHER THAN 240 VOLTS SHALL BE MARKED ON DEVICES AND JUNCTION BOXES.
- FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
- THE INDICATED SOURCE OF EXISTING CIRCUITS MAY NOT BE KNOWN OR HAS NOT BEEN VERIFIED. IT IS THE DIVISION TO CONTRACTORS RESPONSIBILITY TO TRACE OUT, LOCATE AND VERIFY THE DISCONNECTING MEANS OF EXISTING CIRCUITS) TO BE IMPACTED BY THE WORK. SAFE OFF THE CIRCUIT (SO AS REQUIRED TO SAFELY PERFORM THE WORK, AND RE-ENERGIZE UPON COMPLETION. UPDATE PANEL DIRECTORIES UPON COMPLETION.
- ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
- PULL / JUNCTION BOXES SHALL BE PROVIDED WHERE INDICATED OR AS OTHERWISE REQUIRED TO FACILITATE THE PROPER INSTALLATION OF WIRES AND CABLES. CONDUITS MAY BE INCREASED IN SIZE FOR CONSTRUCTION CONVENIENCE.
- FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND / OR AS REQUIRED TO CONFORM WITH CODE REQUIREMENTS.
- FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES COMPLETE WITH MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION. NOTE ALL LIGHT FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE. UTILIZING CEILING FRAMING ALONE IS NOT ACCEPTABLE. NEW LIGHTING FIXTURES (OTHER THAN THEATRICAL EQUIPMENT) SHALL NOT BE DANGEROUSLY NEAR OR IN CONTACT WITH EXISTING LIGHTING CIRCUIT UNLESS HOME RUN WIRING OR WIRING UP TO THE SWITCH, ANY WIRING DOWNSTREAM OF THE SWITCH IS SUBJECT TO REMOVAL/REARRANGEMENT. ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE.
- NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARDS(S) SHALL BE LISTED/LABELLED FOR USE WITH THE EXISTING PANELBOARDS(S) AND SHALL MEET OR EXCEED THE INTERRUPTING RATING OF THE PANEL.
- CONTRACTOR SHALL REFER TO ALL FURNITURE DRAWINGS BEFORE INSTALLING RECEPTACLES. THE MOUNTING HEIGHT OF THE RECEPTACLES IS 18" ABOVE FINISHED FLOOR UNLESS INDICATED ON THE DRAWING, COLOR, TYPE & FINISH OF ALL RECEPTACLES, DEVICES & FACE PLATES SHALL BE AS APPROVED BY ENGINEER AND ARCHITECT. CONTRACTOR SHALL REPAIR/REPLACE WEATHERPROOF GFCI RECEPTACLES ON ALL APPLICABLE REAR WALLS, EXCEPT WHERE PART OF HIS BID. SEE MECHANICAL EQUIPMENT SCHEDULES FOR UNITS WITH SERVICE RECEPTACLES FACTORY INSTALLED.
- ALL WIRING TO BE #12 - 1 #12(N) - 1 #12(G), OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED), ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
- UNLESS OTHERWISE SPECIFIED ON DRAWINGS, RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, CHASES, FLOOR BELOW AND BEHIND WALLS. ALL DEVICES & CONDUITS ON NEW CONSTRUCTION MUST BE RECESSED. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN SLAB OR MASONRY WALLS, EXCEPT WHERE SURFACE MOUNTED RECEPTACLE IS SPECIFIED. ALL WIRING THAT CANNOT BE CONCEALED IN MUST BE RUN IN FINISHED SURFACE RACEWAY SUCH AS WIREMOLD, COLOR PER ARCHITECT.
- ALL CONNECTIONS AND / OR SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
- ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE. SET SCREW TYPE OR INDENT TYPE FITTINGS WILL NOT BE ACCEPTED.
- ALL PENETRATIONS TO BUILDING EXTERIOR SHALL BE SEALED WATERTIGHT. ROOF PENETRATIONS SHALL BE MADE VIA APPROVED FITCH POCKETS OR PIPE PORTALS AND IN ACCORDANCE WITH EXISTING ROOF WARRANTIES.
- WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
- ALL LOW VOLTAGE (FIRE ALARM, PA INTERCOM, PHONE, DATA, ETC.) WIRING INSTALLED IN OPEN AREAS SHALL BE IN METALLIC RACEWAY IN MECHANICAL AREAS, GYMNASIUMS, ART ROOMS, STOREROOM, ETC., AND IN SURFACE MOUNTED RACEWAY IN PUBLIC AREAS. LOW VOLTAGE WIRE INSTALLED IN DROPPED CEILINGS SHALL BE BUNDLED TOGETHER AND SUPPORTED BY BUILDING STEEL. LOW VOLTAGE WIRE SHALL NOT BE SUPPORTED WITH BRANCH CIRCUITS OR FEEDER CIRCUITS AND SHALL NOT BE SUPPORTED BY CONDUIT, PIPES, ETC.. LOW VOLTAGE WIRING NOT INSTALLED IN CONDUITS, SHALL BE PLENUM RATED.
- FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
- ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHARGE GUARD GROMMET AS PER EXTENTATION. MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSHINGS ARE SPECIFICALLY DISALLOWED.
- WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED BUT SERVES AND EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE ELECTRICAL CONTRACTOR SHALL REROUTE SUD CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
- ALL PANELS, SWITCHES, DISCONNECT STARTERS, OR OTHER ELECTRIC SYSTEM CONTROLS SHALL BE STENCILED WITH THEIR APPROPRIATE IDENTIFICATION. ALL CIRCUIT BREAKERS SHALL BE IDENTIFIED BY A PANEL SCHEDULE OR STENCIL ADJACENT TO THE CIRCUIT BREAKER. PROVIDE PRINT PANEL SCHEDULE. HAND WRITING NOT ALLOWED.
- ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR GROUPING PURPOSES ONLY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR LOAD BALANCING.
- ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY.
- WORK WHICH MUST BE DONE IN OCCUPIED AREAS SHALL BE DONE AT SUCH TIMES AS INDICATED IN THE PHASING OF CONSTRUCTION AND AS APPROVED BY THE OWNER. OUTAGES ARE ONLY PERMITTED OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE WITH OWNER. INCLUDE ALL PREMIUM TIME IN BID.
- WHERE THE CONTRACTOR IS INSTRUCTED TO PROVIDE, INSTALL AND WIRE CIRCUIT BREAKERS) TO AN EXISTING PANEL AND THAT PANEL DOES NOT HAVE THE ROOM TO INSTALL REQUIRED CIRCUIT BREAKERS, THE CONTRACTOR SHALL REMOVE (3) ADJACENT 1P CIRCUIT BREAKERS AND PROVIDE A 3P, 60A CIRCUIT BREAKER IN THEIR PLACE FOR SUB FEED TO A SURFACE MOUNTED 100A, 3P, 4W, 24 POLE SUB PANEL AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB PANEL, EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE (3) 1P AMPERAGE AS BEFORE CIRCUIT BREAKERS FOR DISCONNECTED CIRCUITS IN MAIN PANEL AND RECONNECT THEM IN SUB PANEL. SUB PANEL FEED TO BE 3 #6 - 1 #6(N) - 1 #10(G) - 1C.
- ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHTS AND LOCATIONS.
- REMOVAL OF ELECTRICAL ITEMS INCLUDES THEIR DISPOSAL. THE EXCEPTION WILL BE TO TURN OVER TO THE OWNER ITEMS, IF ANY, THEY SPECIFY TO BE RETAINED IN THEIR INVENTORY. PCB OR ASBESTOS BEARING MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH LAWS AND REGULATIONS.
- UNLESS OTHERWISE NOTED, STARTERS AND DISCONNECTS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL POWERED MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL MOTOR STARTERS AND ASSOCIATED POWER WIRING FROM SOURCE TO UNIT VIA STARTERS AND DISCONNECTS. THE LOCATIONS OF MOTOR STARTERS SHALL BE DETERMINED BY THE MECHANICAL CONTRACTOR IN THE FIELD AND SUBMITTED TO THE ENGINEER FOR APPROVAL, UNLESS IT IS SPECIFIED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS, EQUIPMENT SCHEDULES AND NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, AND THE REMOVAL OF ANY STARTERS / DISCONNECTS NO LONGER REQUIRED.
- PROVIDE PROTECTIVE DUST COVERS ON SMOKE DETECTORS IN CONSTRUCTION AREAS. REMOVE COVERS UPON COMPLETION OF WORK.
- ANY LIGHT FIXTURES INSTALLED IN GYMNASIUMS OR OTHER AREAS SUBJECT TO IMPACT OR PHYSICAL DAMAGE SHALL BE MOUNTED WITH SAFETY CHAINS AND SECURED TO STRUCTURE. INCLUDE PROTECTIVE WIRE GUARD OVER FIXTURES.
- PROVIDE ALL WIRING, PANEL BOARDS, SWITCHES, FUSES, EQUIPMENT, AND ALL INCIDENTAL MATERIALS REQUIRED TO SUPPLY TEMPORARY AND PERMANENT ELECTRICAL NEEDS FOR THE WORK INVOLVED, ALL IN ACCORDANCE WITH OSHA, LOCAL, STATE AND UNDERWRITERS REQUIREMENTS.

## FIRE STOP NOTES

- ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED.
- THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-67 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, #6-06 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-618 PUTTY STICK, OR FS-633 TROWEL ABLE COMPOUND, AS SUITABLE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS SPECIFIED OR EQUAL.
- FIRE STOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS AND STATEMENT FROM MANUFACTURER THAT THEY MEET OR EXCEED THE PRODUCTS SPECIFIED HERE.
- ALL SYSTEMS SHALL HAVE THEIR OWN SLEEVE THROUGH FIRE RATED WALLS. IE FIRE ALARM, PUBLIC ADDRESS, TELEPHONE, DATA, POWER AND LIGHTING.

## DEMOLITION NOTES

- THE ITEMS SPECIFICALLY SHOWN ON THE DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL TO REMOVAL, STORAGE AND REINSTALLATION.
- MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN INCLUDING, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLES, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE, PUNCH DOWN BLOCKS, AND OUT OF SERVICE ITEMS. ALL SUCH ITEMS SHALL BE PERMANENTLY DE-ENERGIZED, DISCONNECTED, AND OTHERWISE MARKED SAFE FOR DEMOLITION BY NON-ELECTRICAL CONTRACTORS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES SCHEDULED FOR DEMOLITION, OF ANY VOLTAGE OR FUNCTION, ARE SAFE AND ADVISE THE OTHER CONTRACTORS.
- AFTER THE ELECTRICAL CONTRACTOR HAS DISCONNECTED ELECTRIC SUPPLIES TO ITEMS TO BE DEMOLISHED, HE SHALL ADVISE THE GENERAL CONTRACTOR OF ANY ELECTRIC ITEMS TO BE RETAINED FOR FUTURE USE AND THEREFORE NOT TO BE DEMOLISHED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION. THIS MATTER APPLIES TO ALL ELECTRIC ITEMS, OF ANY VOLTAGE OR PURPOSE.
- THE SPECIAL SPECIFIC ITEMS SHOWN ON THE DRAWING FOR ELECTRICAL CONTRACTOR TO ACT ON WERE FOUND BY SURVEY. NUMEROUS LOCATIONS WERE BLOCKED BY FURNITURE, ETC. AND ADDITIONAL EQUIPMENT TYPE ITEMS MAY BE PRESENT. THE ELECTRICAL CONTRACTOR SHALL ALSO FOR THIS IN HIS BID PRICE AND ATTEND TO THOSE EQUAL OR SIMILAR DEVICES AS MAY BE DISCOVERED.
- REMOVAL ITEMS THAT ARE LISTED AS TO BE TURNED OVER TO OWNERS INVENTORY SHALL BE DISCUSSED WITH THE OWNERS BUILDINGS AND GROUNDS MANAGER. THOSE ITEMS THAT THE OWNER DECLINES SHALL THEN BE DISPOSED OF BY THE CONTRACTOR IN THE MANNER OF OTHER PERMANENT REMOVALS. ANY PCB BEARING FLUORESCENT FIXTURES SHALL BE DISPOSED OF PER REGULATIONS.
- RETAIN EXISTING RECEPTACLES IN WALLS THAT WILL NOT BE IN CONFLICT WITH NEW CONSTRUCTION. RETAIN LIGHT SWITCH LOCATIONS THAT WILL NOT BE IN CONFLICT WITH NEW CONSTRUCTION. INSTALL BLANKING PLATE COVERS OVER THE UNWALLED PORTION OF GANG BOXES HAVING MORE GANG POSITIONS THAN NEEDED FOR NEW SWITCHES.
- LIGHT FIXTURES ARE TO BE REMOVED AS GENERAL NON-ELECTRIC CONTRACTOR DEMOLITION U.O.N. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO SHOW OFF LIGHTING CIRCUITS FOR REMOVAL BY OTHERS. NO SPECIFIC QUANTITIES OR LOCATIONS ARE SHOWN. RETURN WHATEVER QUANTITY, IF ANY, OF THESE TO OWNERS INVENTORY IF HE SO SPECIFIES OR THEY ARE OTHERWISE TO BE DISPOSED OF. ELECTRICAL CONTRACTOR SHALL EXAMINE FIXTURES FOR PRESENCE OF PCB'S AND SPECIAL DISPOSAL.
- THE ELECTRICAL CONTRACTOR SHALL COVER ALL BACK BOXES IN THE WALL THAT BECOME EXPOSED DUE TO DEVICE REMOVALS. THIS INSTRUCTION ALSO APPLIES TO EXPOSED ELECTRICAL BACK BOXES AS MAY EXIST AT THE SITE PRIOR TO THIS PROJECT. THE COVER SHALL BE BRUSHED ALUMINUM WITH CHAMFERED EDGES AND COVER THE HOLE COMPLETELY WITH AT LEAST 3/4" EXTRA MARGIN ON ALL SIDES. MOUNT THE COVER WITH SCREWS TO MATCH THE ORIGINAL PATTERN.
- IT IS EXPECTED THAT STRUCTURAL DEMOLITION BY THE GENERAL CONTRACTOR WILL CAUSE VARIOUS ELECTRIC SUPPLIES, OF VARIOUS VOLTAGES AND PURPOSES, TO BE CUT AND RENDER SOME DEVICES TEMPORARILY INACTIVE. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO RECONSTRUCT AND RECONNECT SUCH ELECTRIC SOURCES WHEN THE NEW STRUCTURE IS BUILT. NOTE THAT MOST RECONSTRUCTION ITEMS WILL BE IN DIFFERENT LOCATIONS FROM THE REMOVAL LOCATION. THESE CIRCUITS WILL BE IDENTIFIED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL RE-TEST ALL SUCH SYSTEM COMPONENTS BY A MANUFACTURER CERTIFIED TESTING VENDOR OF SUCH SYSTEM OF ALL PREVIOUSLY TESTED SYSTEM COMPONENTS AFTER ALL WORK BY ALL TRADES HAS BEEN COMPLETED, AND ALL SYSTEM COMPONENTS HAVE BEEN INSTALLED. ANY COMPONENT WHICH FAILS SHALL BE REPLACED AND PROGRAMMED IF NECESSARY BY THE ELECTRICAL CONTRACTOR. ALL SUCH REPLACEMENT AND PROGRAMMING COSTS SHALL BE ELECTRICAL CONTRACTORS RESPONSIBILITY. ALL COSTS ASSOCIATED WITH THE TESTING OF AFFECTED SYSTEM SUCH AS BUT NOT LIMITED TO, FIRE ALARM, PUBLIC ADDRESS, INTERCOM, TELEPHONE, AND SECURITY SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL EQUIPMENT, DEVICES, WIRING AND THEIR ASSOCIATED MATERIAL SPECIFIED TO REMAIN, WHICH IS NOT STORED AND PROTECTED, SHALL BE PROTECTED DURING THE DEMOLITION ACTIVITIES, AND ALL TRADES SHALL BE INFORMED OF SUCH COMPONENTS. ANY OF SUCH COMPONENTS WHICH BECOME DAMAGED DURING DEMOLITION SHALL BE REPLACED FORM, FIT AND FUNCTION BY THE ELECTRICAL CONTRACTOR AT HIS EXPENSE.

## TEMPORARY POWER CONSTRUCTION NOTES

- THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE CONSTRUCTION AREAS OF THE PROJECT.
- ALL TEMPORARY POWER PANELS AND FUSED SWITCHES OUTSIDE SHALL BE NEMA 3R CONSTRUCTION AND LOCKABLE. ALL OUTSIDE RECEPTACLES SHALL BE WATERPROOF AND HAVE A COVER THAT ENCLOSES THE PLUGGED IN CORDS WHILE IN SERVICE AS INTERNATIONAL WPIV20C. NON-WATERPROOF GEAR IN A HOUSING IS NOT ACCEPTABLE.
- ALL RECEPTACLES SHALL BE GFCI PROTECTED AND MOUNTED 3'0" ABOVE FINISHED FLOOR. PROVIDE WORK BLOCKING AS REQUIRED. ALL RECEPTACLES OUTLETS SHALL BE 2 GANG DOUBLE DUPLEX.
- TEMPORARY LIGHTING SHALL BE CONSTRUCTED OF SINGLE AND DOUBLE 100 WATT CLEAR INCANDESCENT LAMPS, OR EQUIVALENT, AND WATERPROOF RUBBER SOCKETS. CONNECTORS WITH WATERPROOF CONNECTORS ON FESTOONED ROMEX-TYPE WIRE. ADEQUACY OF ALL TEMPORARY LIGHTING CONFIGURATIONS SHALL BE AS DETERMINED BY THE CONSTRUCTION MANAGER. PRE ASSEMBLED TEMPORARY LIGHTING IS DISALLOWED. TAPS AND SPLICES SHALL BE MOTOR LOCK CONNECTORS, RUBBER TAPE, AND THEM PVC COATED. THE CONNECTORS SHALL BE FILLED WITH PENETROX, A PLASTIC SHAPE ON CASE/GUARD SHALL PROTECT EACH SOCKET AND LAMP. NAILING SPACING BETWEEN LAMP CLUSTER IS 16" FEET. MOUNT LIGHTS EIGHT FEET ABOVE FINISHED FLOOR IN TYPICAL LOCATIONS, AND 10 FEET ABOVE FINISHED FLOOR IN CORRIDOR. PROVIDE NIGHT LIGHTING CIRCUIT, WHICH SHALL OPERATE CONTINUOUSLY. ALL LAMPS SHALL BE 130 VOLT, ROUGH SERVICE RATED. TEMPORARY LIGHTS SHALL BE TO OSHA STANDARDS. ALTERNATE FIXTURES SHALL BE 400W CONSTRUCTION SITE STYLE.
- WIRING SHALL BE #12(1-#12(N))-#12(2)G ROMEX STYLE. CIRCUITS SHALL BE OPERATED A MAXIMUM OF 15 AMPS OR 1800 WATTS (18 100 WATT LAMPS). SWITCHING SHALL BE DONE ON 20A CIRCUIT BREAKERS. SEGREGATE THE NIGHT LIGHTS AND RECEPTACLES IN THE LOWER PART OF THE POWER PANELS AND LABEL THESE "DO NOT TURN OFF". CIRCUIT HOME RUNS CONDUCTORS SHALL INCREASE ONE WIRE SIZE EVERY 100 FEET IE. #10 CONDUCTORS. WIRING WITHIN THE ROOM AREA SHALL BE MADE WITH #12 CONDUCTORS.
- THE ELECTRICAL CONTRACTOR SHALL PREPARE EACH PANEL SCHEDULE.
- A LENGTH OF GREENFIELD FLEX CONDUIT AT PINCH POINTS SHALL PROTECT ALL WIRE, SUCH AS WHERE WIRING PASSED THROUGH A DOORWAY. WIRING SHALL BE SUPPORTED FROM ANCHORS INSTALLED BY THE ELECTRICAL CONTRACTOR FOR THE PURPOSE OF ATTACHMENT TO PROTECT ALL ELECTRICAL HARDWARE. SHALL BE NEW FOR THIS PROJECT.
- ALL WIRING SHALL BE INSTALLED SO AS NOT TO CAUSE TRIPPING HAZARD OR SIMILAR OBSTRUCTION.
- POWER PANELS SHALL BE EQUIPPED WITH 42 1P, 20A CIRCUIT BREAKERS AND ALL CIRCUIT BREAKERS NOT IN SERVICE SHALL BE OWNERS OPTION PANEL AND CIRCUIT BREAKERS SHALL BE TURNED OVER TO OWNERS INVENTORY AT CONCLUSION OF THE PROJECT. ALL ELECTRICAL HARDWARE SHALL BE NEW FOR THIS PROJECT.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF TEMPORARY LIGHTING AND POWER SYSTEMS DURING, AND AFTER INSTALLATION, UP TO THE TIME OF BENEFICIAL OCCUPANCY, AND TIME OF REMOVAL. REPAIRS SHALL BE MADE WITHIN 24 HOURS OF THE REPORTED OUTAGE, OR AS DIRECTED BY THE CONSTRUCTION MANAGER. THE ELECTRICAL CONTRACTOR SHALL COMMENCE WORK ON THIS PROJECT WITH A GROSS OF SPARE CONSTRUCTION BULBS AT HIS IMMEDIATE DISPOSAL.
- REMOVAL OF THE TEMPORARY POWER AND LIGHTING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR WHEN THE PROJECT IS COMPLETE. ALL EQUIPMENT, WIRING, SUPPORTS, CONNECTORS, ETC. SHALL BE REMOVED FROM OWNERS PROPERTY AFTER PROJECT IS COMPLETE. INCLUDE STATEMENT OF REMOVAL WITHIN CLOSE OUT DOCUMENTS, REQUIRED FOR FINAL PAYMENT.

## EXISTING FIRE ALARM SYSTEM NOTES

- ELECTRICAL CONTRACTOR SHALL EXTEND THE EXISTING SIEMENS' SYSTEM TO PROVIDE COVERAGE FOR THE NEW AREAS AND/OR DEVICES AND INTEGRATE THEM INTO THE SYSTEM. PROVIDE NEW UPDATED AND LEGIBLE GRAPHIC MAPS AT EACH LOCATION. THE MAPS SHALL BE PROTECTED FROM DAMAGE, FRAMED AND SHELLED WITH TRANSPARENT SHATTERPROOF COVERS. NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM PANEL WHICH IS TO REMAIN. ALL NEW DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS AND FULLY INTEGRATED INTO THE SYSTEM. THE CONTRACTOR SHALL PROVIDE THE ITEMS ON THE DRAWING AND ALL RELATED EXPANSION, ADAPTIVE, AND CONNECTING WIRING. REPROGRAMMING AND DEVICES FOR A FULLY FUNCTIONING SYSTEM.
- PRIOR TO PERFORMING ANY WORK ON THE SYSTEM, THE ELECTRICAL CONTRACTOR SHALL PERFORM A COMPLETE TEST OF THE SYSTEM IN THE PRESENCE OF THE OWNERS REPRESENTATIVE TO ASCERTAIN AND NOTE ANY PRE-EXISTING DEFICIENCIES. ANY CORRECTIVE ACTION WILL BE AS DIRECTED BY THE OWNER WILL BE ON CHANGE ORDER BASIS. ELECTRICIAN WILL MARK-UP THE RESULTS OF THEIR PRE-CONSTRUCTION SURVEY ON FLOOR PLANS AND SUBMIT TO THE CM BEFORE WORK STARTS.
- ALL FIRE ALARM WORK SHALL BE PERFORMED BY MANUFACTURER CERTIFIED TECHNICIANS.
- ELECTRICAL CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVALS FOR THIS PROJECT AND PAY RELATED FEES. HE SHALL SUBMIT SHOP DRAWINGS ON ALL HARDWARE. THE SHOP DRAWINGS SHALL CONTAIN A SYSTEM RISER DIAGRAM.
- ELECTRICAL CONTRACTOR TO PROTECT OR TEMPORARILY DISCONNECT / RECONNECT EXISTING FIRE ALARM DEVICES TO ACCOMMODATE NEW CONSTRUCTION AS REQUIRED. COORDINATE WITH GENERAL CONTRACTOR. WHERE PLANS CALL FOR EXISTING DEVICE TO BE RELOCATED, EXTEND WIRING AS REQUIRED.
- ALL NEW FIRE ALARM DEVICES SHALL BE OF THE SAME MANUFACTURER AND COMPATIBLE WITH THE FIRE ALARM PANEL.
- PROVIDE ADAPTIVE HARDWARE TO POWER THE SPEAKER STROBES, STROBES AND MAGNETIC DOOR HOLDERS.
- ALL WORK SHALL BE IN ACCORDANCE WITH SYSTEM MANUFACTURER SPECIFICATIONS, LATEST EDITION OF NEC, NFPA 72, ANY LOCAL, STATE CODES, AND ENGINEERING SPECIFICATIONS.
- ALL WIRING SHALL BE AS SPECIFIED BY SYSTEM MANUFACTURER AND PLENUM RATED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EQUIPMENT, SYSTEM MODULES, POWER SUPPLIES ETC. NEEDED TO HAVE A COMPLETE AND OPERATIONAL SYSTEM. PROVIDE NEW REMOTE ANNUNCIATOR PANEL(S) WHERE INDICATED INCLUDING UPDATED GRAPHIC MAPS. UPDATED MAPS SHALL ALSO INDICATE THE LOCATIONS OF ALL AREA OF RESCUE ASSISTANCE (REFUGE) CALL STATIONS. SUBMIT PROPOSED MAPS FOR APPROVAL.
- THE ELECTRICAL CONTRACTOR SHALL FIELD SELECT THE PROPER OUTPUT SETTINGS OF FIRE ALARM HORNS AND STROBES TO MEET THE MINIMUM CODE PERFORMANCE REQUIREMENTS TO SUIT THE AREAS BEING SERVED.
- PROVIDE AS-BUILT DRAWINGS AND COPY OF UPDATED SITE SPECIFIC SYSTEM SOFTWARE INCLUDING PASSWORDS TO THE OWNER AT NO ADDITIONAL CHARGE.
- ALL NEW MAGNETIC DOOR HOLDERS ARE TO BE WIRED AT 24V, WHEN REPLACING AN EXISTING MAGNETIC DOOR HOLDER, THE CONTRACTOR SHALL MATCH EXISTING VOLTAGE.
- CONTRACTOR TO ENSURE ALL POINTS ARE PROPERLY ENROLLED IN THE SYSTEM AND OLD POINTS NOT LONGER IN USE ARE REMOVED. PROVIDE CERTIFICATION AS PART OF CLOSEOUT DOCUMENTS.
- WHERE NOT EXISTING, PROVIDE SYSTEM RECORD DOCUMENT CABINET ADJACENT TO FACP TO HOUSE SYSTEM RECORD DOCUMENTS AND ELECTRONIC MEDIA AS PER NFPA 72 AND PROJECT SPECIFICATIONS. PROVIDE LOCKING CABINET BY SPACE AGE ELECTRONICS #S106951 W/ LOCK OR EQUAL.
- THE ELECTRICAL CONTRACTOR SHALL SUBMIT COMPLETED NFPA 72 "SYSTEM RECORD DOCUMENT" FOR THE PROJECT. THIS DOCUMENT SHALL BE COMPLETED WITH REGARD TO SYSTEM MODIFICATIONS AS PART OF PROJECT CLOSEOUT DOCUMENTS PRIOR TO APPLICATION FOR FINAL PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

## EXISTING PUBLIC ADDRESS SYSTEM NOTES

- ELECTRICAL CONTRACTOR SHALL EXTEND THE EXISTING PUBLIC ADDRESS COMMUNICATIONS SYSTEM (TELECENTER) LOCATED IN MAIN OFFICE TO PROVIDE COVERAGE FOR THE NEW/RENOVATED AREAS AND INTEGRATE THEM INTO THE EXISTING SYSTEM. ALL DEVICES SHALL BE INSTALLED PER ADA AND MANUFACTURER REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE THE ITEMS ON THE DRAWING AND ALL RELATED EXPANSION, ADAPTIVE, AND CONNECTING WIRING AND DEVICES FOR A FULLY FUNCTIONING SYSTEM.
- PRIOR TO PERFORMING ANY WORK ON THE SYSTEM, THE ELECTRICAL CONTRACTOR SHALL PERFORM A COMPLETE TEST OF THE SYSTEM IN THE PRESENCE OF THE OWNERS REPRESENTATIVE TO ASCERTAIN AND NOTE ANY PRE-EXISTING DEFICIENCIES. ANY CORRECTIVE ACTION WILL BE AS DIRECTED BY THE OWNER WILL BE ON CHANGE ORDER BASIS. ELECTRICIAN WILL MARK-UP THE RESULTS OF THEIR PRE-CONSTRUCTION SURVEY ON FLOOR PLANS AND SUBMIT TO THE CM BEFORE WORK STARTS.
- ALL WORK SHALL BE IN ACCORDANCE EXISTING SYSTEM MANUFACTURER SPECIFICATIONS, LATEST EDITION OF NEC, ANY LOCAL, STATE CODES, AND ENGINEERING MANUFACTURERS SPECIFICATIONS.
- ALL WIRES SHALL BE AS SPECIFIED BY SYSTEM MANUFACTURER AND PLENUM RATED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EQUIPMENT NEEDED TO HAVE A COMPLETE AND OPERATIONAL SYSTEM.
- CONTRACTOR TO ENSURE ALL NEW POINTS ARE PROPERLY ENROLLED IN THE SYSTEM AND DEMOLISHED POINTS NO LONGER IN USE ARE REMOVED.
- PROVIDE NEW WIRING FOR ALL NEW AND RENOVATED AREAS. ALL NEW WIRING RUNS SHALL BE CONCEALED IN ETHER SURFACE MOUNTED BOXES OF SPEAKERS, PHONE JACKS, AND MICROPHONE JACKS. WIRING IN DROP CEILINGS SHALL BE SUPPORTED EVERY 5 FEET, AND FROM BUILDING STEEL. ALL WIRING EXPOSED IN UNFINISHED NON-PUBLIC SHALL BE IN EMT. REMOVE AND REPLACE CEILINGS AS REQUIRED TO PERFORM THE WORK. REPLACE ANY DAMAGE TO THE CEILING AS RESULT OF WORK.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL POWER REQUIREMENT FOR PUBLIC ADDRESS SYSTEM. WIRE ALL NEW PUBLIC ADDRESS SYSTEM RACKS AND AMPLIFIERS TO NEARBY 120/208V AC PANEL 20 AMP, 1 POLE CIRCUIT BREAKERS. PROVIDE NEW AS REQUIRED.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TESTS AND INSPECTIONS FOR INSTALLATION OF THIS SYSTEM, AND SHALL PAY ANY FEES REQUIRED FOR SAME.
- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF WALL MOUNT PHONES AND DESK TOP PHONES, AND CONSULT WITH OWNER FOR FINAL LOCATIONS.
- THE EXISTING PUBLIC ADDRESS SYSTEM SHALL REMAIN IN SERVICE DURING CONSTRUCTION.
- ELECTRICAL CONTRACTOR TO FIELD ADJUST VOLUME TAPS ON EACH NEW SPEAKER TO SUIT THE SPACE IN WHICH IT IS INSTALLED.

## ENERGY REBATES:

- THE CONTRACTOR SHALL COORDINATE AND PROVIDE ALL ASSISTANCE TO THE OWNER IN THE APPLICATION PROCESS FOR ENERGY EFFICIENCY REBATES FROM THE LOCAL UTILITY AND/OR APPLICABLE AGENCIES FOR CONTRACTOR FURNISHED EQUIPMENT. THIS SHALL INCLUDE, BUT NOT LIMITED TO, LIGHTING FIXTURES, LIGHTING CONTROLS, PHOTOVOLTAIC SYSTEMS, ELECTRIC VEHICLE CHARGING SYSTEMS, ETC. BEGIN THIS PROCESS EARLY WITH THE OWNER - PRIOR TO START OF CONSTRUCTION AS REQUIRED BY REBATE AGENCY.
- PROVIDE TO OWNER ALL REQUIRED DOCUMENTATION AS REQUIRED BY THE ISSUING AGENCY TO OBTAIN REBATE.
- ALTERATIONS AND RENOVATIONS OF EXISTING AREAS MAY REQUIRE PRE-INSPECTION BY THE LOCAL UTILITY AND/OR APPLICABLE AGENCIES TO VERIFY EXISTING CONDITIONS. OBTAIN AND COORDINATE ANY PRE-INSPECTIONS PRIOR TO START OF DEMOLITION.
- OBTAIN AND COORDINATE ANY POST INSTALLATION INSPECTIONS AS REQUIRED.
- ALL REBATE PROCEEDS ARE THE PROPERTY OF THE OWNER.

## SITE WORK NOTES

- THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY AND TONE OUT THE LOCATION OF ALL UTILITIES IN THE EXCAVATION AREA OF CONSTRUCTION PRIOR TO COMMENCING WORK. CARE SHALL BE TAKEN NOT TO DISTURB EXISTING UTILITIES AND SERVICE CONNECTIONS (OR PORTIONS THEREOF) TO REMAIN. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ABANDONED UTILITY SERVICE CONNECTIONS AND INSTALLATION OF NEW SERVICE CONNECTIONS AND SHALL COORDINATE WORK WITH THE APPROPRIATE UTILITY COMPANY WHERE APPLICABLE. MAINTAIN ALL MARK OUTS FOR THE DURATION AS REQUIRED.
- ADDITIONAL EXISTING UTILITIES MAY EXIST IN THE WORK AREA. (REFER TO CIVIL / SITE DRAWINGS FOR ADDITIONAL INFORMATION. THESE MAY INCLUDE BUT ARE NOT LIMITED TO, ELECTRIC, WATER, GAS, IRRIGATION SYSTEM, IRRIGATION MAIN, AND SANITARY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THE RESPECTIVE UTILITY COMPANIES AND SURVEYORS MARK ALL LOCATIONS OF UNDERGROUND UTILITIES IN THE FIELD PRIOR TO THE COMMENCEMENT OF WORK. CONTRACTOR SHALL HAND DIG TRENCH WHEN WITHIN 5' OR CROSSING EXISTING UTILITIES. UTILITIES LINE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ANY REPAIR OR REPLACEMENT OF ANY SYSTEM DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO SAWCUT AND TRENCH ALL PAVED AREAS AS REQUIRED TO FACILITATE INSTALLATION OF WIRES AND CONDUITS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO BACKFILL EXCAVATION AND COMPACT TO 95% DENSITY UP TO GRADE. PATCH PAVEMENT WITH FULL DEPTH ASPHALT AND RCA BASE TO RESTORE AREAS NOT OTHERWISE BEING PAVED BY GENERAL CONTRACTOR. ALL DISTURBED AREAS TO BE TOPSOILED, FINE GRADED AND SEEDED PER SITE PLAN AND SPECS. RESTORE ANY DISTURBED PAVEMENT/ TRAFFIC MARKINGS.
- WHERE FINISH PAVING IS TO BE PERFORMED BY OTHER TRADES, THE ELECTRICAL CONTRACTOR SHALL COORDINATE WORK SO THAT ALL CONDUITS TO BE RUN UNDER PAVING TO BE PAVED SHALL BE INSTALLED AFTER DEMOLITION OF ANY EXISTING PAVING AND PRIOR TO NEW PAVING.
- TRANSITION OUTDOOR PVC CONDUITS TO EMT UPON ENTERING BUILDING.
- ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED. SIZE AS INDICATED ON PLANS. AT 90 DEGREE BENDS SHALL BE ENCASED IN 3" CONCRETE ALL AROUND OR RIGID GALV. STEEL CONDUIT.
- THE CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITIES 48 HOURS BEFORE EXCAVATING, CUTTING, REMOVING OR TAPPING INTO ANY EXISTING UTILITY SERVICE. OWNER SHALL BE NOTIFIED 48 HOURS BEFORE ANY SITE WORK IS BEGUN.
- VACANT CONDUIT DUCTBANKS SHALL BE EXTENDED 2 MIN. PAST CURBING/PAVING AND CAPPED OFF. TYPICAL EACH END.
- PROVIDE PULLSTIRRS IN ALL SPARE CONDUITS INSTALLED AND CAP OFF.
- ALL UNDERGROUND CONDUITS, EXCLUDING PRIMARY CONDUCTORS (1), SHALL BE AT 2' BELOW SURFACE. INSTALL DETECTABLE YELLOW FIBERGLASS WARNING MARKER TAPE 6" BELOW GRADE.
- PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY AND PAY ALL FEES FOR INSTALLATION OF THE WORK. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC, APPLICABLE LOCAL CODES, UTILITY SPECIFICATIONS, AND THE ENGINEERS SPECIFICATIONS.

## FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL. PROVIDE BUILDING SHATTERPROOF FRAMED SCHOOL GRAPHIC PAPER MAP WITHIN SIGHT OF PANEL.
	REMOTE ANNUNCIATOR PANEL. PROVIDE BUILDING SHATTERPROOF FRAMED SCHOOL GRAPHIC PAPER MAP WITHIN SIGHT OF PANEL.
	REMOTE COMMAND CENTER.
	SMOKE DETECTOR WITH BASE.
	MANUAL PULL STATION WITH ST1 STOPPER PROTECTIVE SHIELD WITHOUT ALARM (OR SIMILAR).
	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE. CONNECT TO ASSOCIATED UNIT WITH SOUNDER BASE FOR SIMULTANEOUS LOCAL ALARM.
	WALL MOUNT STROBE NOTIFICATION DEVICE.
	WALL MOUNT HORN / STROBE NOTIFICATION DEVICE.
	CEILING MOUNT STROBE NOTIFICATION DEVICE.
	CEILING MOUNT HORN / STROBE NOTIFICATION DEVICE.
	ELECTROMAGNETIC HOLD OPEN DEVICE. VOLTAGE TO MATCH SYSTEM.
	FIRE ALARM RELAY.
	BELL.

- THE STROBE CANDELA IS 15 cD UNLESS OTHERWISE INDICATED ON DRAWING.
- WG = WIRE GUARD
- WP = WEATHER PROOF
- WM = WALL MOUNT

## CONTRACTOR ABBREVIATIONS

GC = GENERAL CONTRACTOR	PC = PLUMBING CONTRACTOR
MC = MECHANICAL CONTRACTOR	CC = CASEWORK CONTRACTOR
EC = ELECTRICAL CONTRACTOR	

## BUILDING NOTES

- THE BUILDING HAS EXISTING GENERATOR.

## LIGHTING LEGEND

SYMBOL	DESCRIPTION
	2' X 4' RECESSED LIGHTING FIXTURE.
	2' X 2' RECESSED LIGHTING FIXTURE.
	2' X 2' RECESSED EMERGENCY LIGHTING FIXTURE. WITH 90 MINUTES EMERGENCY BATTERY PACK.
	2' X 2' SURFACE MOUNT LIGHTING FIXTURE.
	1' X 4' SURFACE MOUNT LIGHTING FIXTURE.
	1' X 4' PENDANT LIGHTING FIXTURE.
	RECESSED DOWN LIGHTING FIXTURE.
	EXTERIOR WALL MOUNT LIGHTING FIXTURE.
	EXIT SIGN.
	EMERGENCY WALL PACK LIGHTING FIXTURE.
	EXIT SIGN/EMERGENCY COMBO WALL PACK LIGHTING FIXTURE.

## CLOCK SYMBOL LEGEND

SYMBOL	DESCRIPTION
	WIRELESS ANALOG SERIES CLOCK. 12.5" DIAMETER UNLESS OTHERWISE NOTED.





## ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SINGLE POLE CIRCUIT 2 #12, 1 #12/2G, 3/4" UNLESS OTHERWISE NOTED
	TWO POLE CIRCUIT 3 #12, 1 #12/2G, 3/4" UNLESS OTHERWISE NOTED
	THREE POLE CIRCUIT 4 #12, 1 #12/2G, 3/4" UNLESS OTHERWISE NOTED
	SINGLE RECEPTACLE, NEMA 5-20R W/ STAINLESS STEEL FACEPLATE
	DUPLEX RECEPTACLE, NEMA 5-20R W/ STAINLESS STEEL FACEPLATE
	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE, 5-20R W/ STAINLESS STEEL FACEPLATE FOR MECHANICAL SPACES, OUTDOORS, ETC. W/ ANTI-STARVATION, IN RAINPROOF & IN USE COVER.
	DUPLEX RECEPTACLE W/ (1) USB TYPE 'A' & (1) TYPE 'C', 20A W/ STAINLESS STEEL FACEPLATE
	DUPLEX CEILING MOUNTED RECEPTACLE, NEMA 5-20R W/ STAINLESS STEEL FACEPLATE
	QUADRUPLX RECEPTACLE - (2)-GANG DUPLEX RECEPTACLES PER ABOVE W/ STAINLESS STEEL FACEPLATE
	QUADRUPLX RECEPTACLE - (2)-GANG DUPLEX RECEPTACLES W/ (1) USB TYPE 'A' & (1) TYPE 'C' PER RECEPTACLE, W/ STAINLESS STEEL FACEPLATE
	RECEPTACLE, VOLTAGE & PHASE PER LABEL
	POWERDATA WALL BOX. REFER TO TECHNOLOGY DRAWINGS FOR FINAL CONFIGURATION AND LOCATION.
	POWERDATA FLOOR BOX. REFER TO TECHNOLOGY DRAWINGS FOR FINAL CONFIGURATION AND LOCATION. SUBSCRIPT 'P' POWER ONLY. CONFIGURATION PER PLAN.
	POWERDATA PRE-WIRED PANEL. REFER TO TECHNOLOGY DRAWINGS FOR FINAL CONFIGURATION AND LOCATION. SUBSCRIPT 'P' POWER ONLY. CONFIGURATION PER PLAN.
	RETRACTABLE WALL INDUSTRIAL CORD REEL, 20A, 125V, 25' CORD LENGTH, (2) DUPLEX RECEPTACLE END W/ GFCI.
	UNFUSED DISCONNECT SWITCH, SIZE PER PLAN
	MOTOR SWITCH FURNISHED AND INSTALLED BY THE E.C. WIRE SIZE AND POLE PER PLAN.
	JUNCTION BOX. MOUNT/INSTALL IN FIELD AS REQUIRED.
	MOTOR. NO. INDICATES HORSEPOWER
	HAND DRYER, SUPPLIED BY G.C., INSTALLED AND WIRED BY E.C. U.O.N
	PANEL BOARD/LOAD CENTER, MOUNTING AND CHARACTERISTICS PER PLAN
	TRANSFORMER, VOLTAGE, PHASE, KVA PER PLAN
	EMERGENCY SHUT-OFF MUSHROOM TYPE PUSH BUTTON
	WALL SWITCH. • LOWER CASE LETTER (TOP) INDICATES SWITCHING DESIGNATION (UPPER CASE LETTERS) OR NUMBER SUBSCRIPTS (BOTTOM): K = KEY SWITCH 3 = THREE WAY SWITCH 4 = FOUR WAY SWITCH M = MOMENTARY CONTACT SWITCH 3RL = 3 BUTTON CONTROLS - MODEL VS = VACANCY PIR SENSOR DIMMER VC = VACANCY PIR SENSOR SWITCH
	CEILING MOUNTED OCCUPANCY/VACANCY/ DAYLIGHT SENSOR LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PACK(S) AS REQD.
	ROOM CONTROLLER. MOUNT ABOVE CEILING UNLESS OTHERWISE NOTED

## PUBLIC ADDRESS / SPEAKER SYSTEM LEGEND

SYMBOL	DESCRIPTION
	SURFACE MOUNTED PUBLIC ADDRESS SPEAKER.
	RECESSED CEILING MOUNTED PUBLIC ADDRESS SPEAKER
	RECESSED LAY-IN 2X2 SPEAKER FOR SUSPENDED CEILINGS PUBLIC ADDRESS SPEAKER.
	VOLUME CONTROL FOR PUBLIC ADDRESS SPEAKERS(S)
	PUBLIC ADDRESS SYSTEM HEAD-END RACK

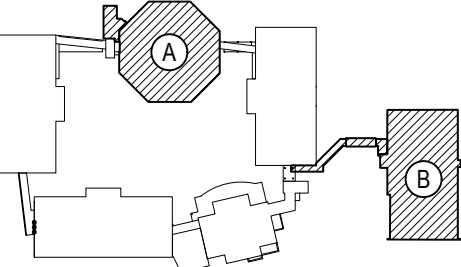
## SECURITY SYSTEM LEGEND

SYMBOL	DESCRIPTION
	BLUE LIGHT PANIC BUTTON AND STROBE
	VIDEO DOOR STATION
	CARD READER
	INTERIOR SECURITY CAMERA



REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
SWITCHGEAR, PANELS and RISER DIAGRAMS

DRAWING BY: RP  
CHECK BY: LW

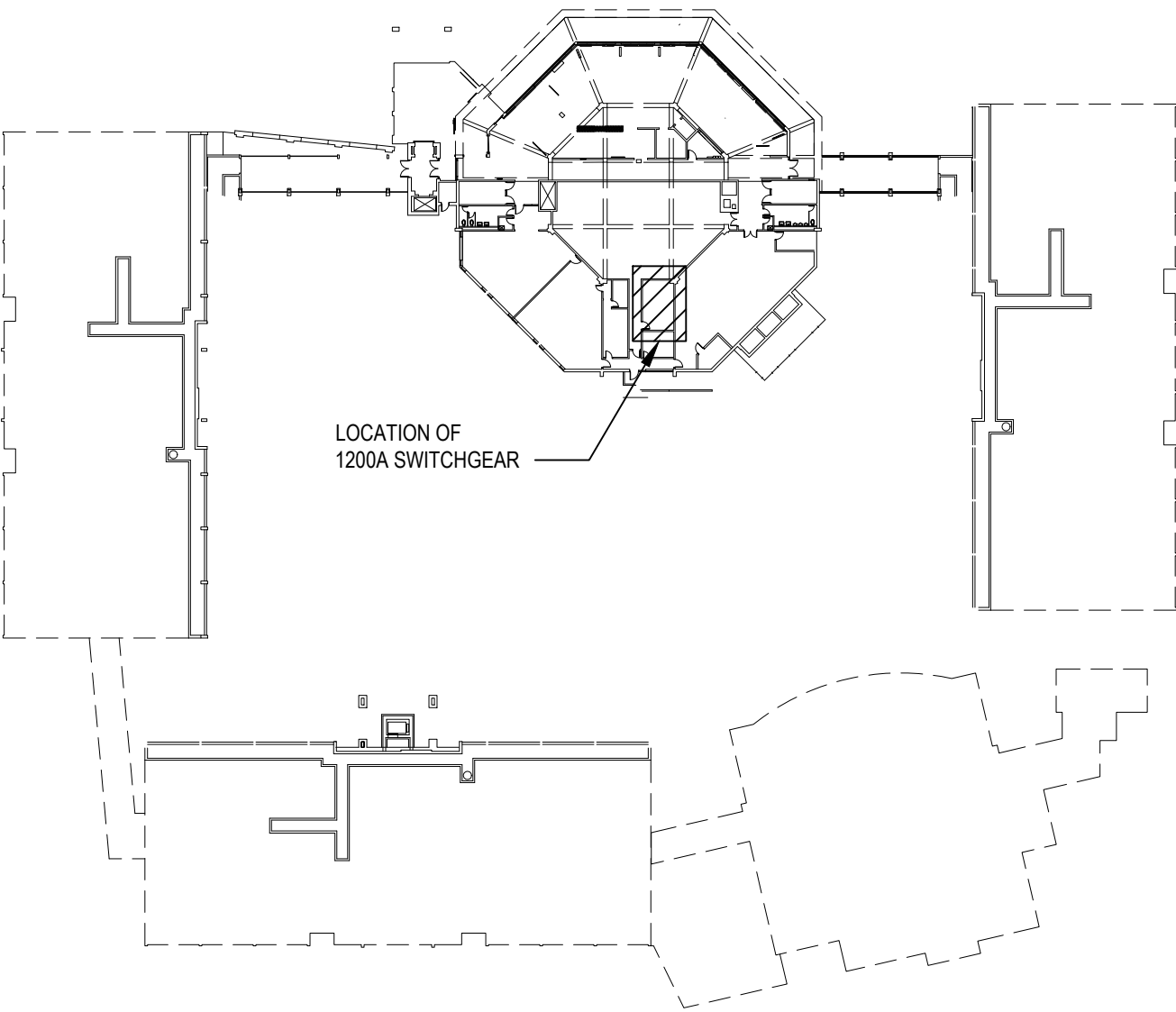
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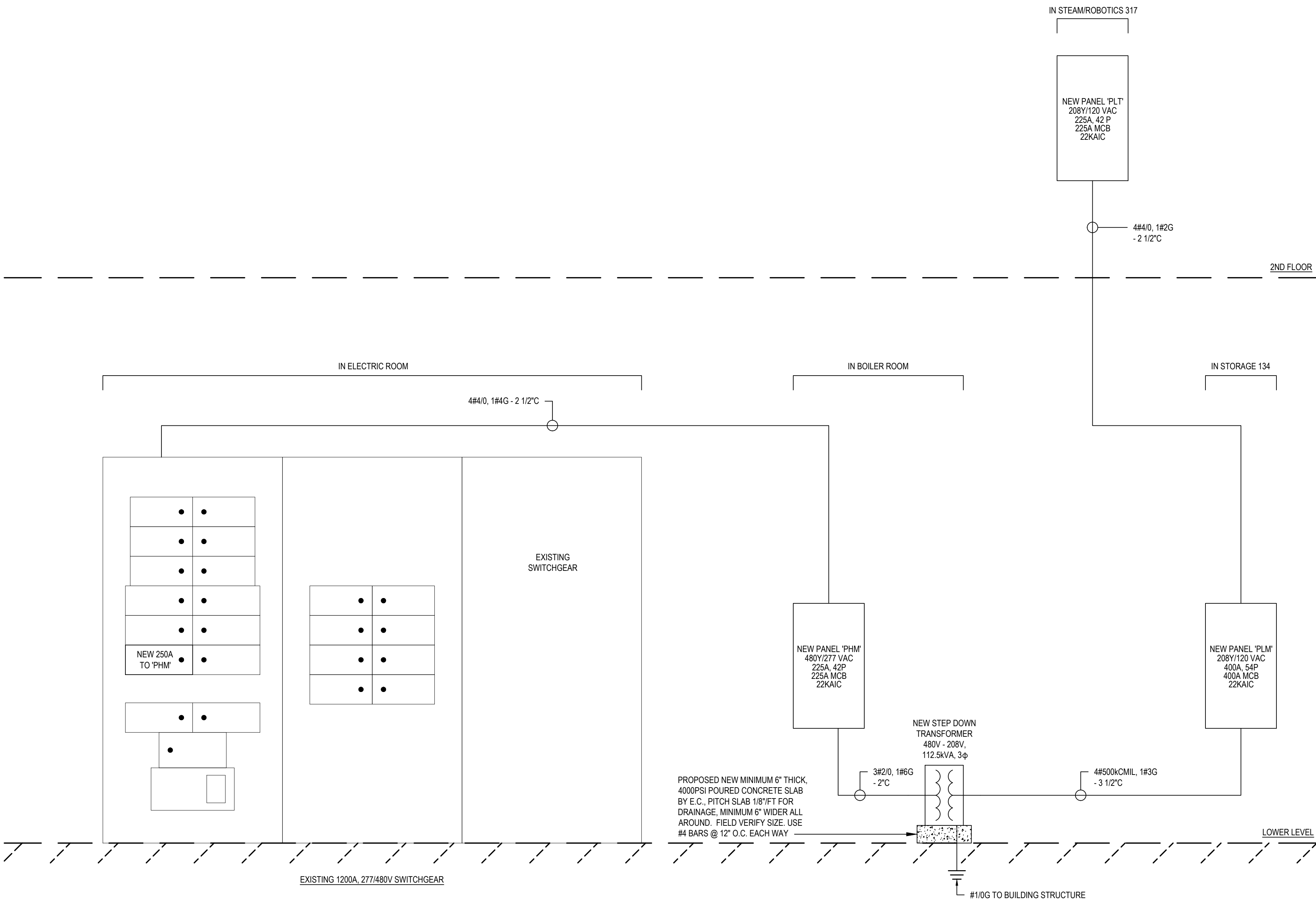
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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	SWITCHGEAR, PANELS and RISER DIAGRAMS
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS



KEY PLAN - SWITCHGEAR ROOM

N.T.S.

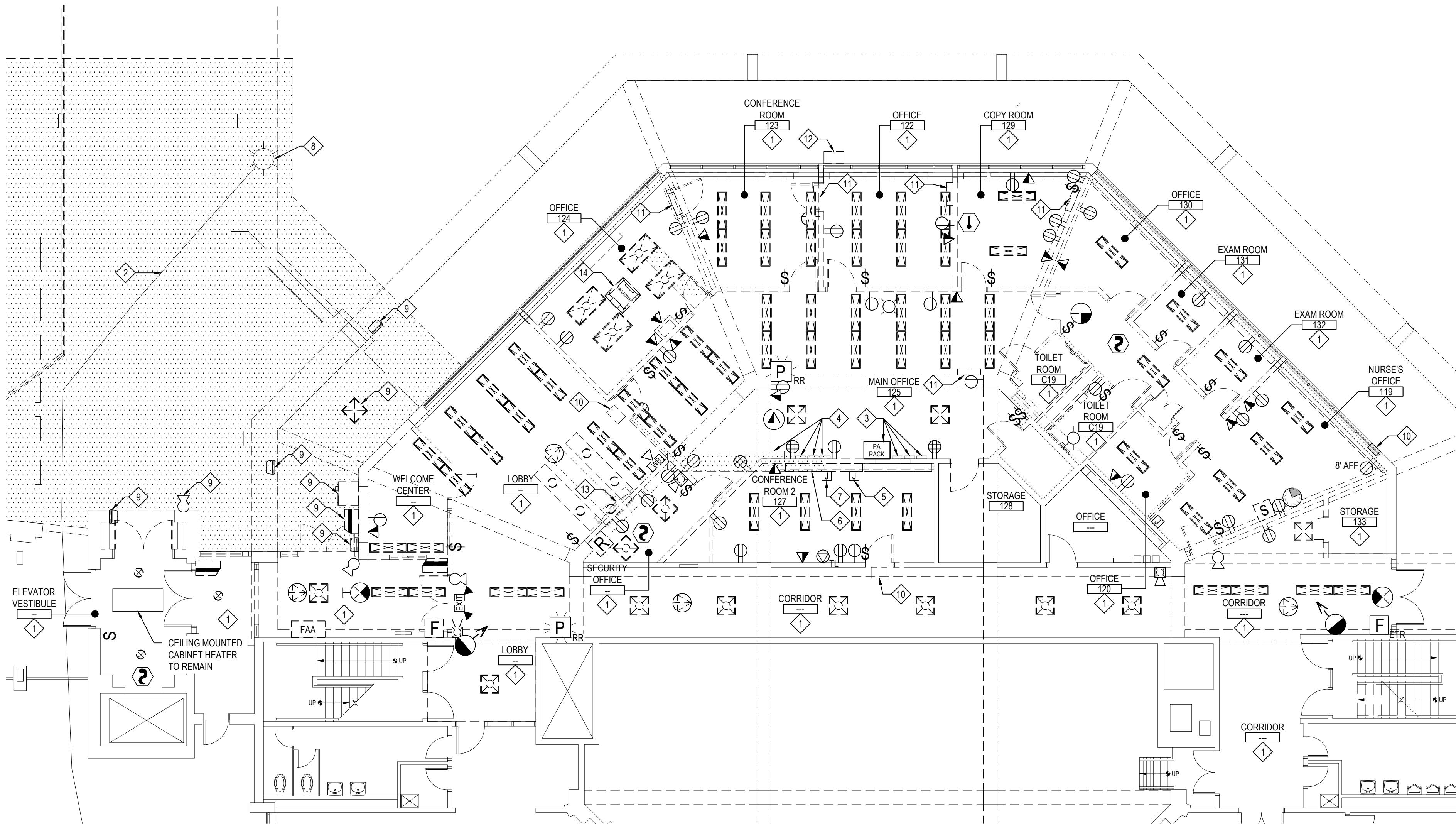


RISER DIAGRAM - NEW PANELS

NOTE: PROVIDE AND INSTALL NEW PRINT CIRCUIT BREAKER NAME TAGS. HAND WRITING NOT ALLOWED.

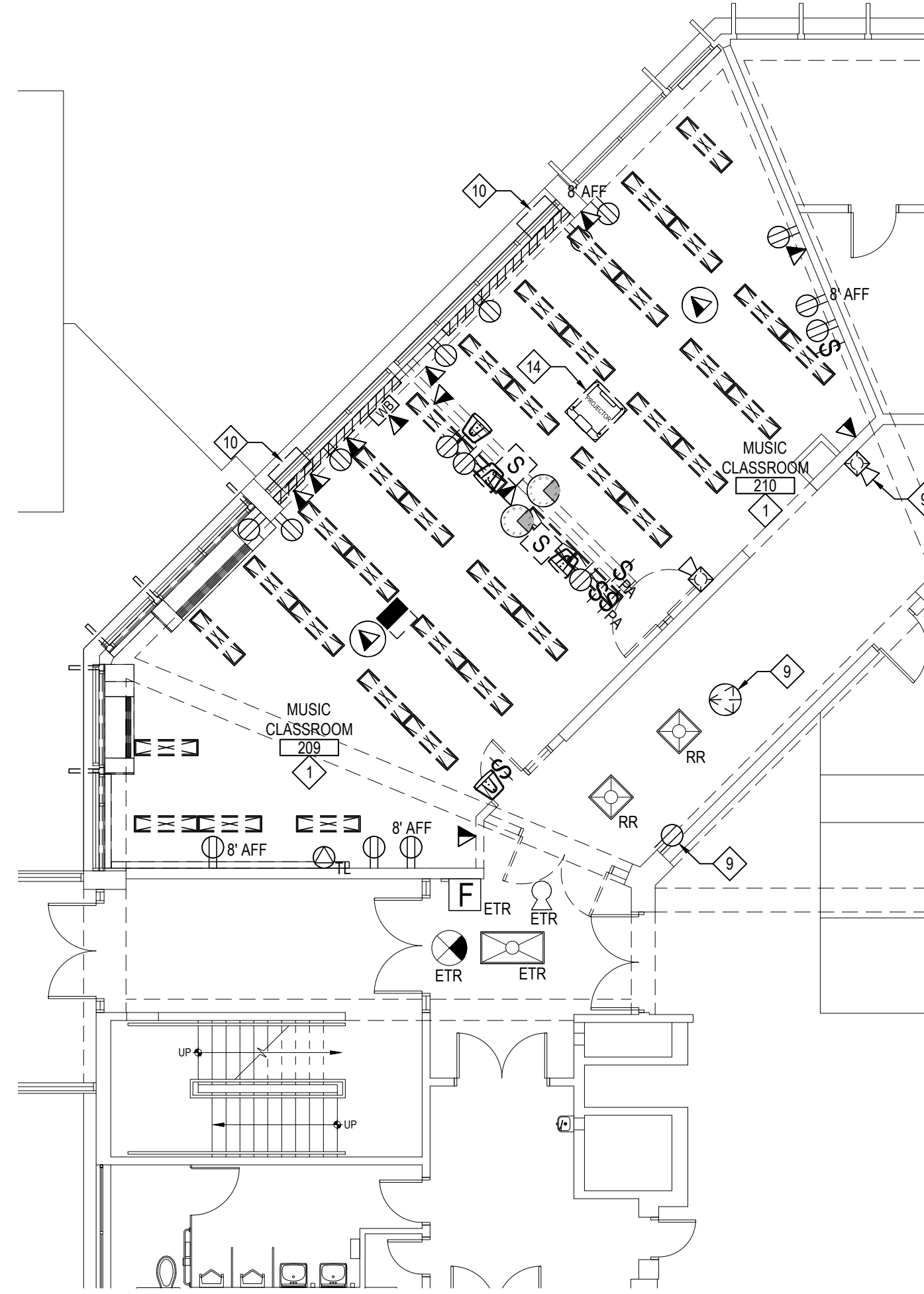
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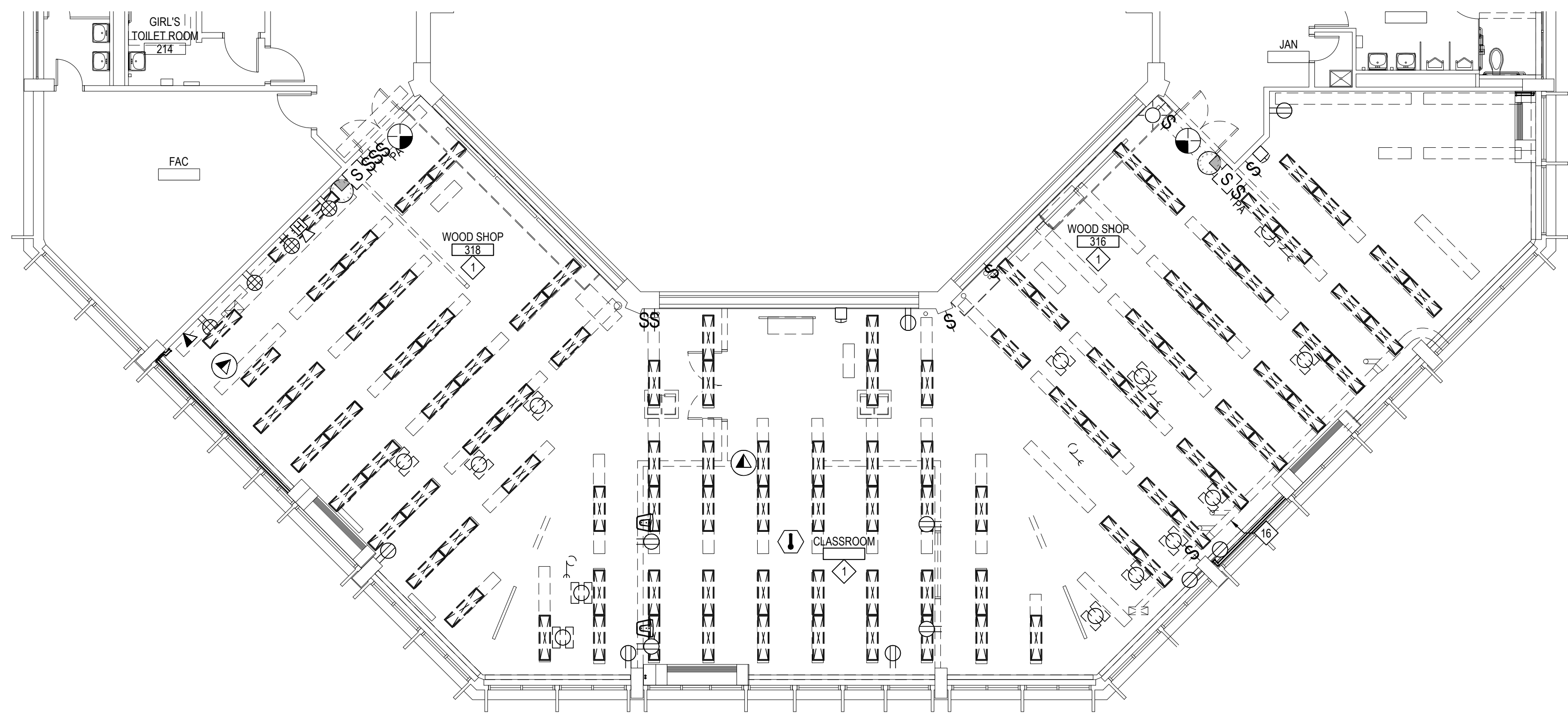
LOWER LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

ROOF PLAN

SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION KEY NOTES:

- ALL EXISTING INTERIOR ELECTRICAL DEVICES INCLUDING BUT NOT LIMITED TO: EXIT SIGNS, EMERGENCY LIGHTS AND REMOTE HEADS, EMERGENCY LIGHTING BATTERY PACKS, WALL MOUNTED AND CEILING MOUNT OCCUPANCY SENSORS, SWITCHES, RECEPTACLES, DATA DROPS, PHONE DROPS, RACEWAY, CLOCKS, PHONES, EMERGENCY CALL BUTTON SYSTEM, FIRE ALARM DEVICES, PUBLIC ADDRESS DEVICES, SECURITY SYSTEM DEVICES TO BE DE-ENERGIZED AND REMOVED BY THE E.C. ALL EXISTING INTERIOR RECESSED, SURFACE, WALL AND PENDANT MOUNTED LIGHTING FIXTURES TO BE DE-ENERGIZED AND REMOVED BY THE E.C. REMOVE ALL CONDUIT AND WIRES BACK TO SOURCE. ALL DEMOLISHED MECHANICAL AND PLUMBING EQUIPMENT SHALL BE DE-ENERGIZED AND HAVE THEIR EXISTING POWER CIRCUITS REMOVED BACK TO THEIR SOURCES. SEE MECHANICAL AND PLUMBING DRAWINGS FOR MORE DETAILS.
- APPROXIMATE UNDERGROUND ELECTRIC LINE FEEDING OUTDOOR LIGHT POLE. E.C. TO DISCONNECT CIRCUIT TO BE EXTENDED AND REROUTED AROUND NEW VESTIBULE ADDITION.
- E.C. TO DISCONNECT TIME CARD READER, EMERGENCY GENERATOR ANNUNCIATOR, AND PAV/CLOCK SYSTEM CONTROLS TO BE RELOCATED INTO NEW STORAGE CLOSET/KITCHEN AREA.
- E.C. TO DISCONNECT FIRE ALARM PANEL, FIRE ALARM BOX, DATABASE, AND ALARM PANEL TO BE RELOCATED INTO NEW STORAGE CLOSET.
- E.C. TO REROUTE EXISTING FA SPICE BOX CIRCUITS TO A NEW SPICE BOX IN STORAGE ROOM 128. E.C. TO SAWCUT FLOOR TO STORAGE ROOM 128 TO ALLOW FOR THE REROUTING OF EXISTING CIRCUITS. SEE DETAIL 2 ON A1.01 FOR MORE INFO.
- E.C. TO REROUTE ALL EXISTING CONDUITS/WIRES ON WALL SECTION THAT IS TO BE REMOVED. REROUTED CIRCUITS SHALL BE RUN INSIDE NEW WALLS/ABOVE NEW CEILINGS. MAINTAIN CONTINUITY FOR ALL CONNECTIONS AND VERIFY FUNCTIONALITY AFTER REROUTING. REMOVE ANY CONDUITS/WIRES THAT ARE OBSOLETE. EXTEND/SHORTEN WIRING AS NEEDED.
- E.C. TO INVESTIGATE FUNCTIONALITY OF YELLOW WIRES IN FIELD. E.C. TO SAWCUT FLOOR TO STORAGE ROOM 128 FOR THE REROUTING OF THESE WIRES INSIDE NEW WALLS/ABOVE NEW CEILINGS. MAINTAIN CONTINUITY FOR ALL CONNECTIONS AND VERIFY FUNCTIONALITY AFTER REROUTING. EXTEND/SHORTEN WIRING AS NEEDED.
- E.C. TO DISCONNECT AND REMOVE LIGHT POLE TO BE REINSTALLED IN NEW LOCATION. SEE ALSO E3.01.
- EXISTING DEVICE TO BE DISCONNECTED AND REMOVED. PULL BACK WIRING/CABLE TO SOURCE.
- EXISTING WALL-MOUNTED AIR CONDITIONER TO BE DE-ENERGIZED BY THE E.C. AND REMOVED BY THE M.C. E.C. TO REMOVE ALL RELATED ELECTRICAL COMPONENTS AND PULL BACK CIRCUIT TO SOURCE.
- INDOOR AC UNIT TO BE DE-ENERGIZED BY THE E.C. AND REMOVED BY THE M.C.
- OUTDOOR CONDENSING UNIT TO BE DE-ENERGIZED BY THE E.C. AND REMOVED BY THE M.C.
- E.C. TO DE-ENERGIZE AND REMOVE EXISTING MOTORIZED ROLL UP SHUTTER.
- E.C. TO DISCONNECT AND REMOVE PROJECTOR. HAND OVER TO DISTRICT.
- TRENCH BY E.C. E.C. TO RUN NEW CIRCUITS FROM INSIDE NEARBY WALL/COLUMN TO NEW FLOOR BOXES IN TRENCH. SEE ALSO PROPOSED PLANS AND E7.01 FOR TRENCH DETAIL.
- E.C. TO DE-ENERGIZE DUST COLLECTION SYSTEM TO BE REMOVED BY THE M.C. PULL BACK CIRCUIT TO SOURCE.

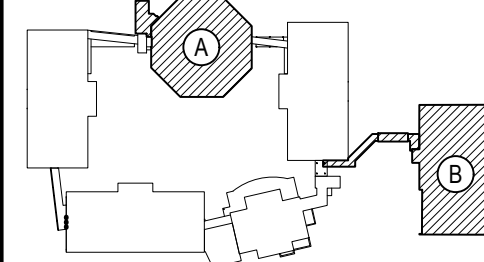
ELECTRICAL GENERAL DEMOLITION NOTES:

- NOT ALL DEVICES COULD BE FOUND DURING SURVEY. ADDITIONAL SIMILAR DEVICES MAY EXIST IN THE WORK ZONE AND SHALL BE ACTED UPON AS PER THE DEMO KEY NOTES UNLESS OTHERWISE INDICATED TO REMAIN.
- LIGHT FIXTURE CIRCUITS PULLED BACK TO PANELS LHP AND LHPD SHALL HAVE THEIR POSITIONS RESERVED TO PROVIDE POWER TO NEW LIGHT FIXTURES IN SIMILAR AREAS. RETAIN CONTINUITY OF LIGHT FIXTURES OUTSIDE THE WORK SCOPE.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
DEMOLITION PLANS

DRAWING BY: RP  
CHECK BY: LW

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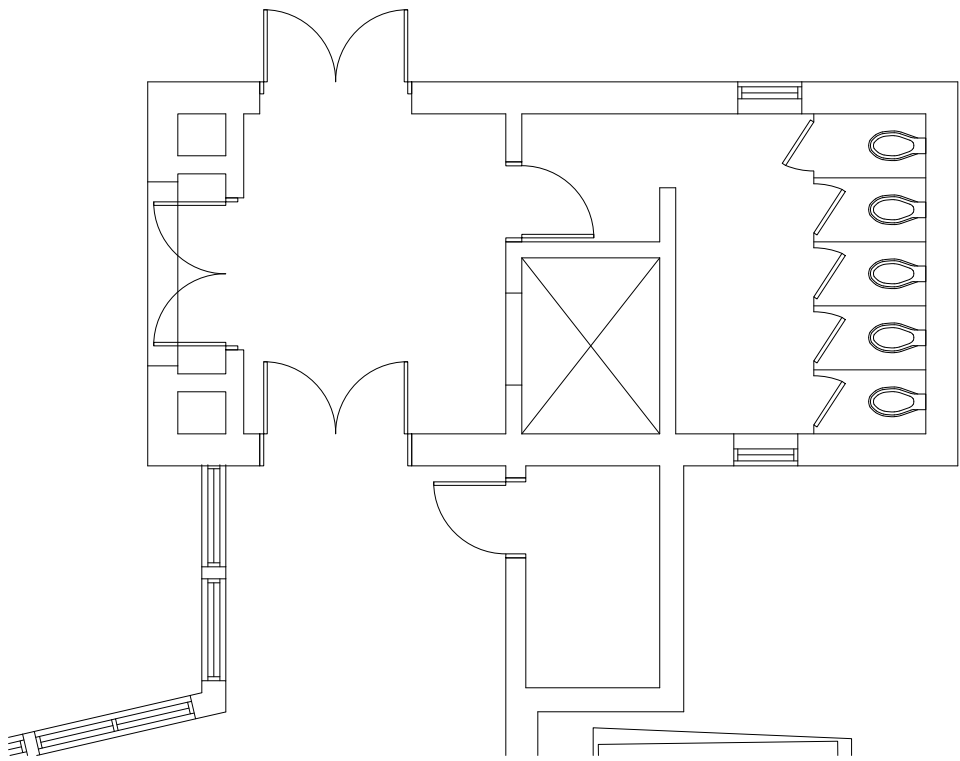
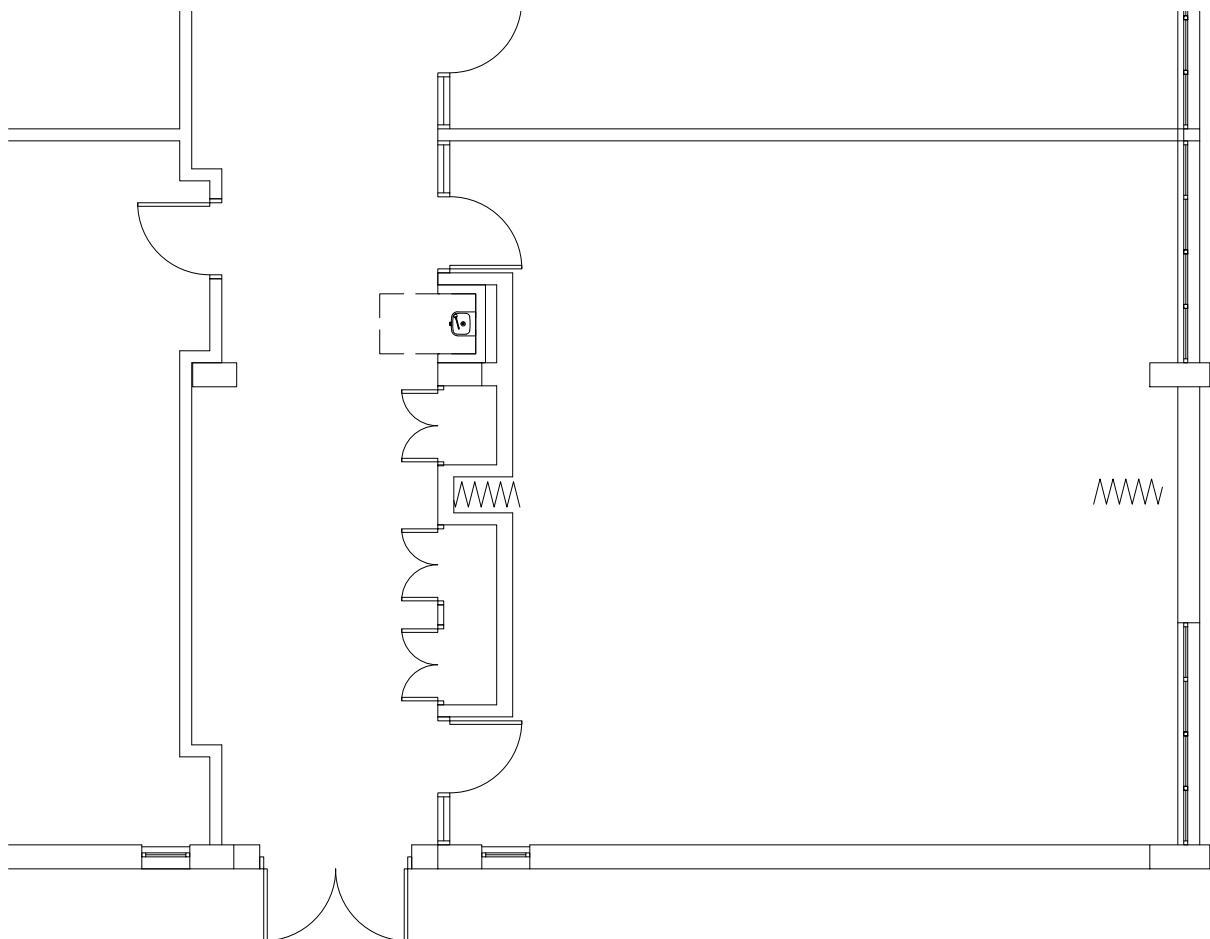
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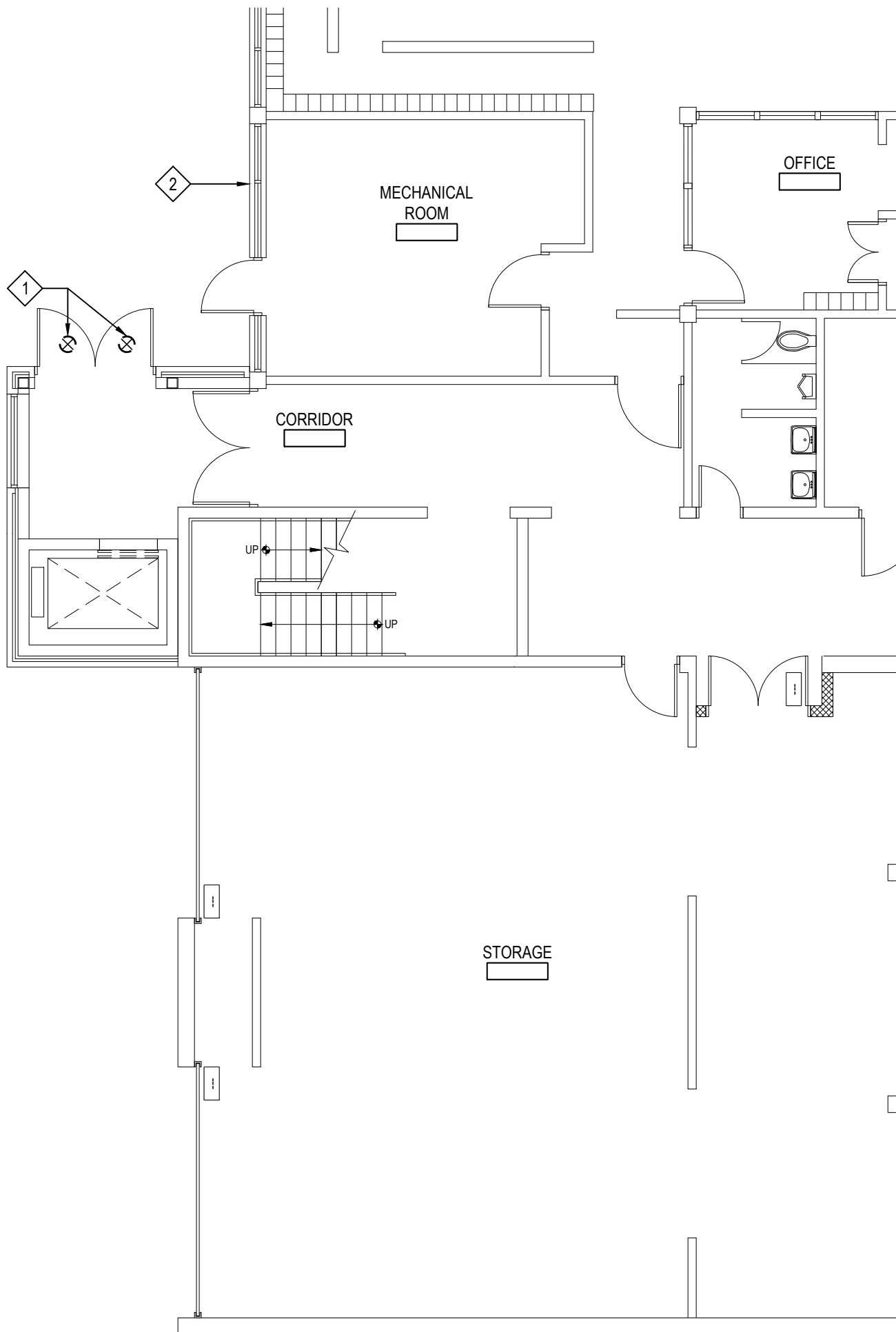
SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	DEMOLITION PLANS
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-1316 FLMS

E1.01





THIRD FLOOR PLAN



SCALE: 1/8" = 1'-0"

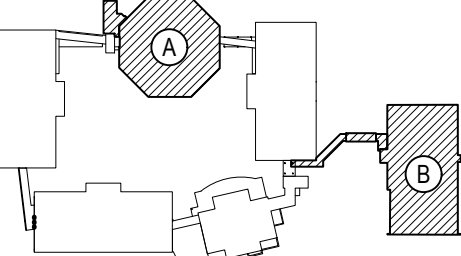
ELECTRICAL DEMOLITION KEY NOTES:

- 1 E.C. TO DISCONNECT AND SAFE OFF EXISTING LIGHT FIXTURE. IF CIRCUIT SERVES ANOTHER DEVICE, MAINTAIN CIRCUIT CONTINUITY. IF CIRCUIT IS UNUSED, PULL BACK WIRING AND LABEL BREAKER AS SPARE.
- 2 E.C. TO REROUTE ALL ELECTRICAL CONDUITS CLEAR OF NEW COVERED WALKWAY CONSTRUCTION. EXTEND/SHORTED WIRING AS NEEDED.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
DEMOLITION PLAN - WALKWAY CANOPY

DRAWING BY: RP  
CHECK BY: LW

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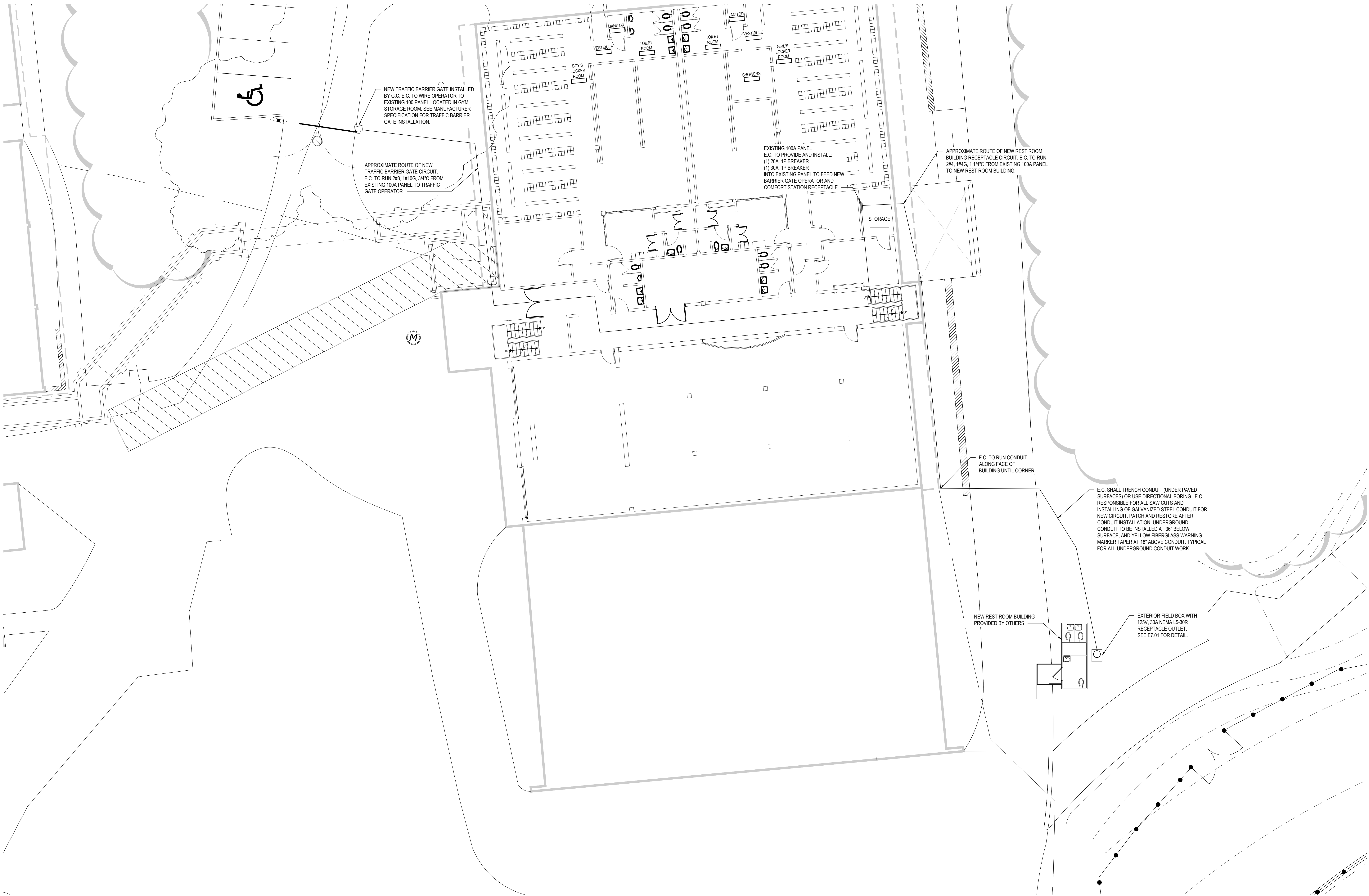
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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	DEMOLITION PLAN - WALKWAY CANOPY
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE No.	23-131b FLMS





SITE PLAN - SOFTBALL FIELD REST ROOM BUILDING & TRAFFIC BARRIER GATE

SCALE: 1"=10'-0"

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE

SITE PLAN  
SOFTBALL FIELD REST ROOM BUILDING & TRAFFIC BARRIER GATE

DRAWING BY: RP  
CHECK BY: LW

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DISTRICT

BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT

PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE

SITE PLAN SOFTBALL  
FIELD RESTROOM BUILDING &  
TRAFFIC BARRIER GATE

SCALE:

AS NOTED

DATE:

APRIL 2024

BID PICK-UP:

FEBRUARY 24, 2025

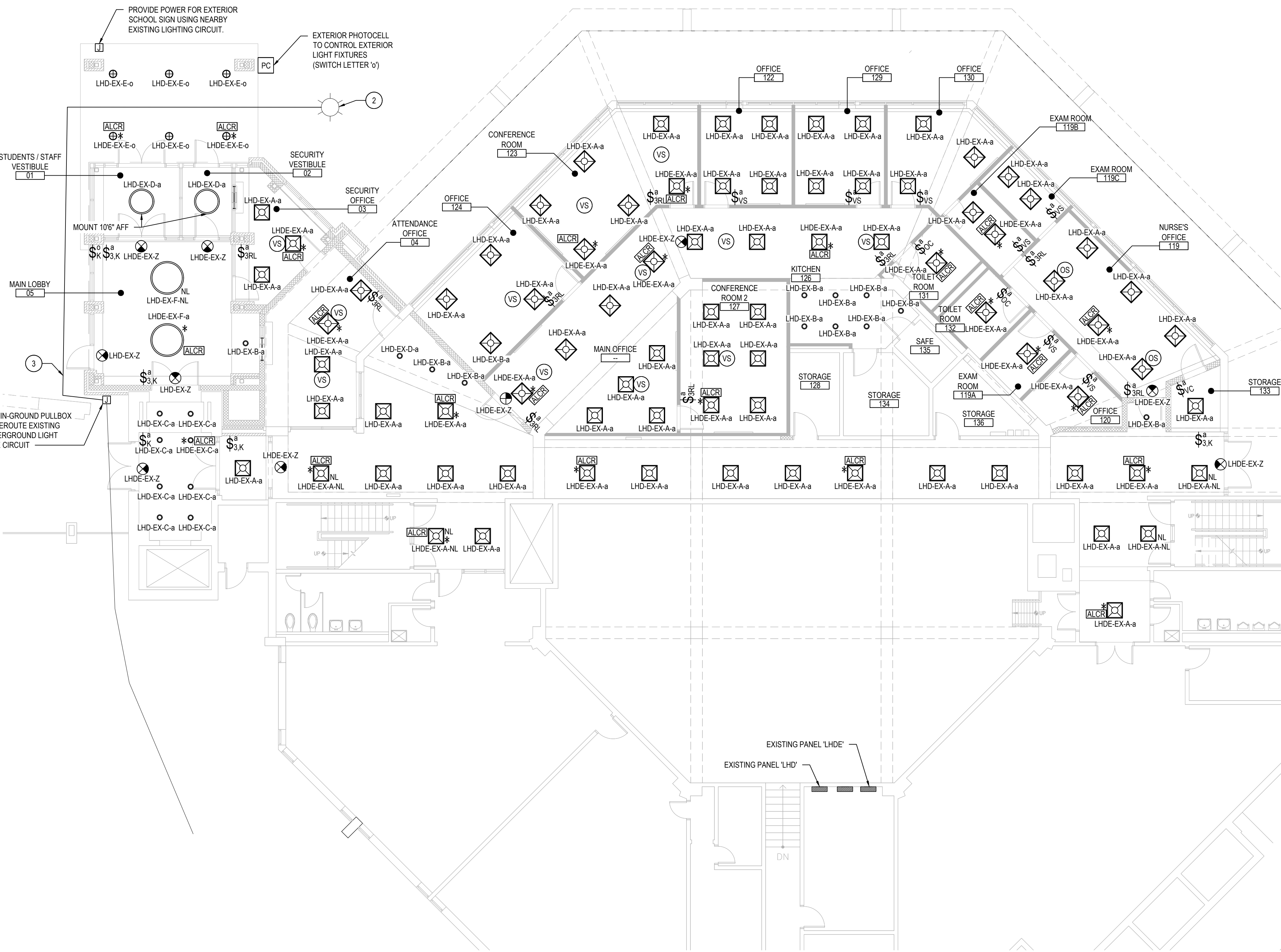
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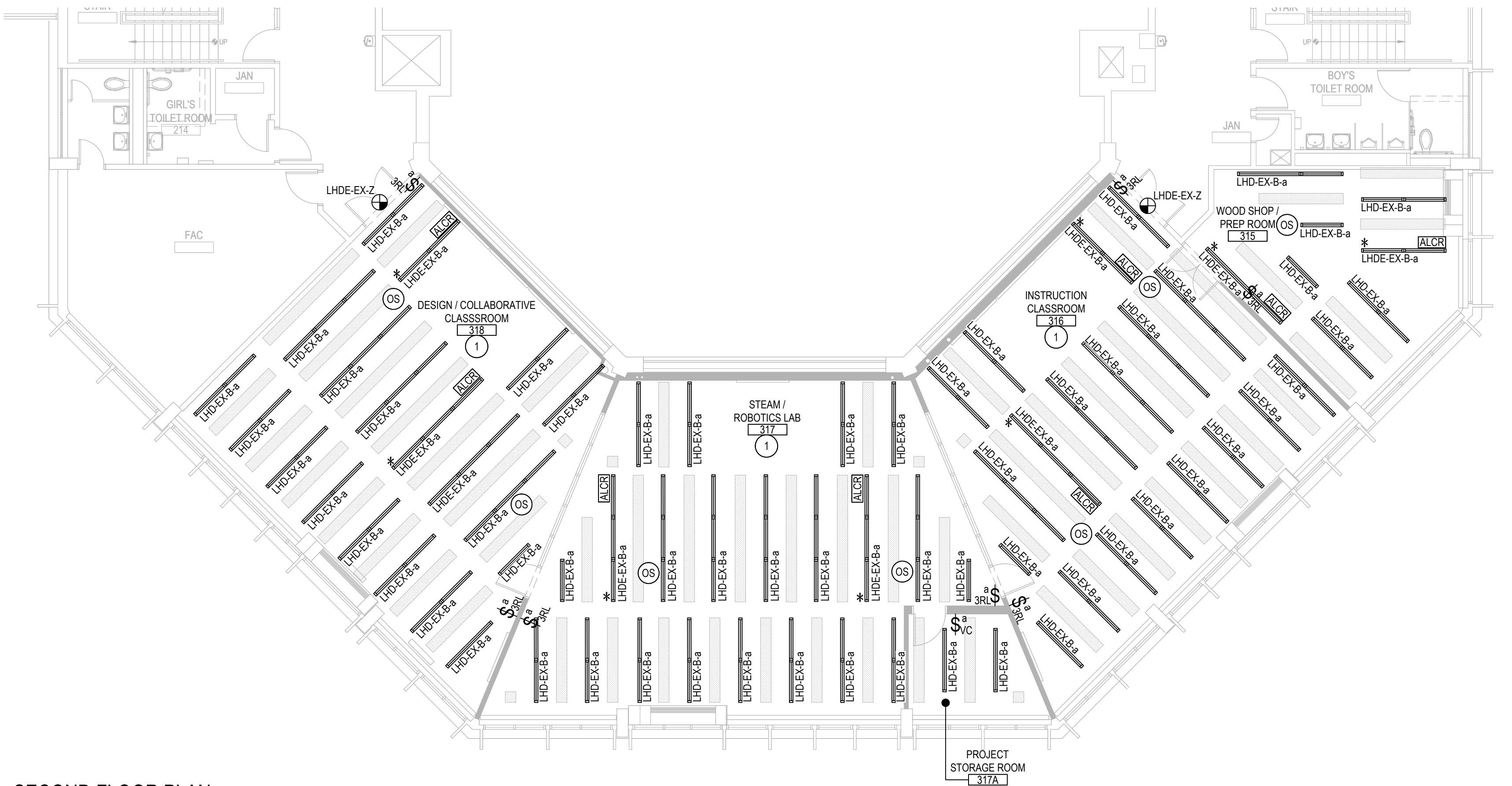
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E2.02

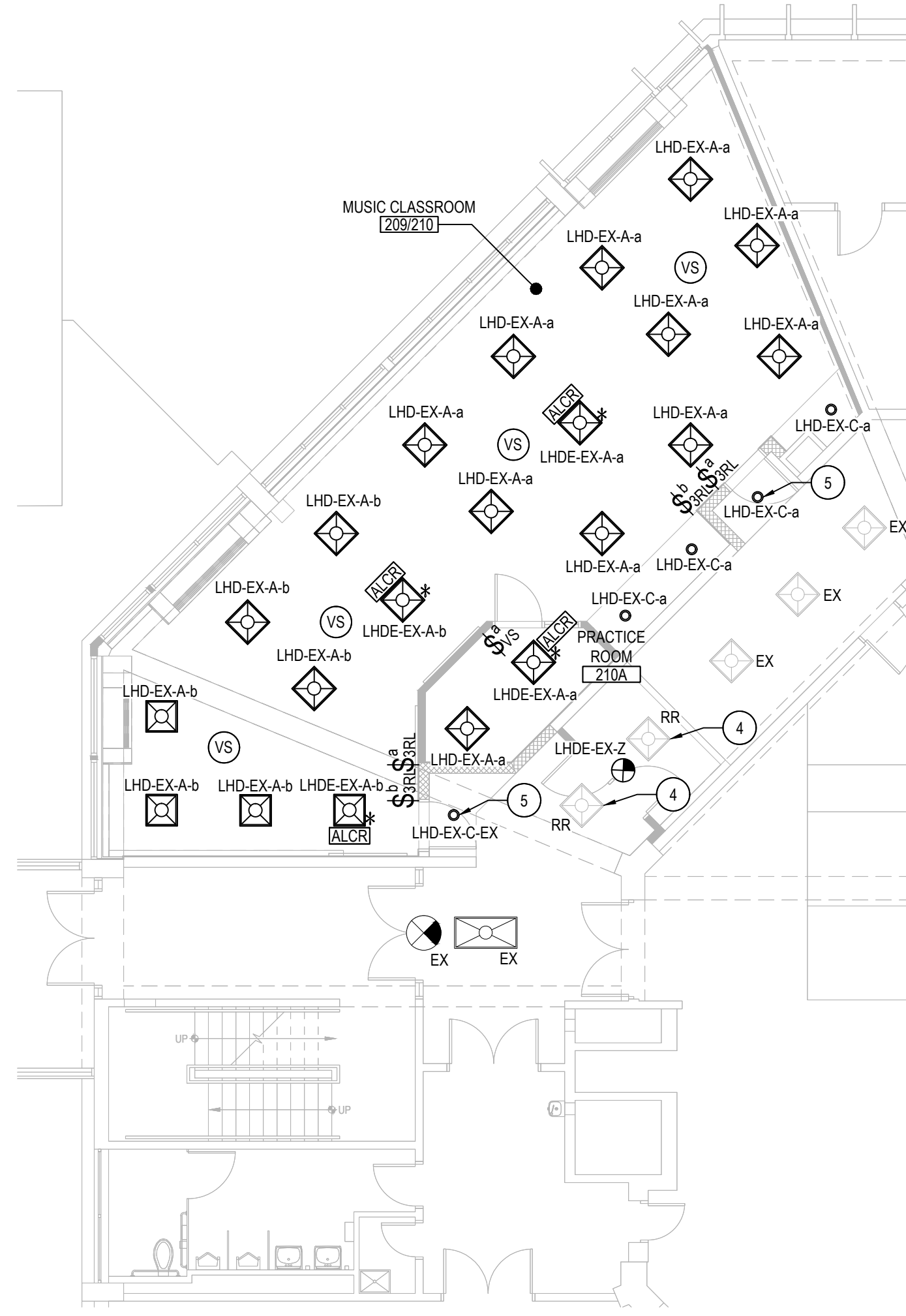




LOWER LEVEL FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN

- ELECTRICAL PROPOSED GENERAL NOTES:**
1. ALL LIGHT FIXTURES DENOTED WITH AN ASTERISK \* SHALL BE WIRED TO EMERGENCY GENERATOR PANEL SHOWN BY LIGHT FIXTURE WIRING FORMAT. THE EXISTING GENERATOR MEET NFPA 110 REQUIREMENT (LESS THAN 10 SECONDS TO PROVIDE EMERGENCY LIGHTING).
  2. NEW LIGHT FIXTURES BEING POWERED BY EXISTING CIRCUITS SHALL USE ALL NEW WIRING AND CONDUIT. RETAIN CONTINUITY OF LIGHT FIXTURES OUTSIDE THE WORK SCOPE. PROVIDE AND INSTALL NEW BREAKERS INTO EXISTING PANEL POSITIONS.
  3. E.C. TO PROVIDE POWER PACKS FOR ALL NEW LIGHTING AS REQUIRED. SEE DRAWING E7.02 FOR LIGHTING CONTROL DETAILS.
  4. WHERE NECESSARY, E.C. SHALL RUN ALL EXPOSED CONDUITS AS CLOSE TO EXPOSED BEAMS AS POSSIBLE TO MAINTAIN AESTHETICS OF THE RENOVATED SPACES.
  5. CONTRACTOR SHALL CONNECT THE EXIT SIGNS DIRECTLY TO THE ASSOCIATED LIGHTING CIRCUITS AHEAD OF ANY LIGHTING SWITCHES, CONTACTORS, ETC. THE EXIT SIGNS BATTERY SHOULD LAST MINIMUM 90 MINUTES.

- ELECTRICAL DEMOLITION KEY NOTES:**
1. THE LINEAR LIGHTS IN THIS ROOM SHALL BE MOUNTED SUCH THAT THE BOTTOM OF THE FIXTURE IS FLUSH WITH THE LOWER CEILING RIBS WITHIN.
  2. E.C. TO RELOCATE EXISTING LIGHT POLE CLEAR OF NEW VESTIBULE ADDITION. CONNECT TO REROUTED EXISTING CIRCUIT. COORDINATE WITH NEW SITE WORK, ALL EXCAVATION, BACKFILL, AND COMPACTION BY E.C.
  3. E.C. TO REROUTE AND EXTEND EXISTING UNDERGROUND LIGHT POLE CIRCUIT AROUND NEW VESTIBULE. FOUNDATION AND INTO RELOCATED LIGHT POLE MATCH EXISTING CIRCUIT SIZE.
  4. WHEN REINSTALLING EXISTING FIXTURE, REWIRE TO NEARBY GENERATOR PANEL CIRCUIT AND CONTROLS. EXTEND/SHORTEN WIRING AS NEEDED.
  5. WIRE TO EXISTING CORRIDOR LIGHTING CIRCUIT AND CONTROLS.

LIGHTING SCHEDULE		
TYPE	SYMBOL	DESCRIPTION
A		2x2 RECESSED LIGHTING TROFFER BY DAY-BRITE. 28 WATTS, 3500K, 3600 LUMENS MODEL #2FGXG-38L-835-2-RS-UNV-DIM
AE		2x2 RECESSED LIGHTING TROFFER WITH 90 MIN EMERGENCY BATTERY PACK BY DAY-BRITE. 28 WATTS, 3500K, 3600 LUMENS MODEL #2FGXG-38L-835-2-RS-UNV-DIM-ASLSLST
B		LOW PROFILE DIRECT LUMINAIRE BY CORONET LED. 7 WATTS/FT, 0-10 DIMMING DRIVER, 677 LUMENS/FT. LENGTH OF FIXTURE VARIES BY SECTION. MODEL #LS1LP-X-35-MED-UNV-DB-W-AC-FL-NA-NA
C		4-INCH LED DOWNLIGHT BY CSL LIGHTING. 12.3W, 0-10 DIMMING DRIVER, 1485 LUMENS. MODEL #N14-RD-SW-15LM-35K-60-50D-CL-WH-WH-NC-UNV-DIM10
D		3 RING LIGHTING FIXTURE BY CORONET LED. 138 WATTS, 3500K, 5300 DIRECT/INDIRECT LUMENS. RAL 3001 POWDER COAT MODEL #PRD-UPDN-3-35-MED-MED-UNV-DB-CC-AC-CENT-SD-SD
E		DOWNLIGHT BY WE-EF 28 WATTS, 2542 LUMENS, 4000K, 0-10V DIMMING DRIVER MODEL #DCC120-FT-LED-134-6259
F		4 RING LIGHTING FIXTURE BY CORONET LED. 138 WATTS, 3500K, 13007 LUMENS. RAL 3001 POWDER COAT MODEL #PRD-4-35-MED-UNV-DB-CC-SM-SD
Z		LED EXIT SIGN W/ 90-MINUTE EMERGENCY BATTERY BY ATG LED LIGHTING. MODEL #EES91-R-1-WH

1. LENGTHS OF CONTINUOUS RUNS FOR LINEAR FIXTURES VARY BY SECTION. E.C. SHALL SUBMIT SHOP DRAWINGS OF ALL CONTINUOUS RUNS FOR APPROVAL.

LIGHT FIXTURE WIRING FORMAT				
P1-1-AE-b	PANEL NAME/ EXISTING CIRCUIT	OKT BRK/ EXISTING CIRCUIT GROUPING	FIXTURE TYPE	SWITCH LETTER
	"P1"	"1"	"AE"	"b"
	"EX"	"EX"	"AE"	"EX"

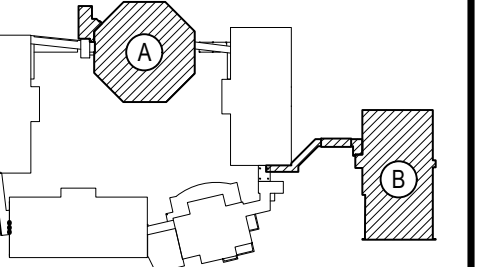
NL = NIGHT LIGHT.  
FIXTURE TO BE WIRED AHEAD OF ALL SWITCHING TO PROVIDE CONTINUOUS ILLUMINATION.

LIGHTING CONTROLS	
SYMBOL	DESCRIPTION
	LOW VOLTAGE WALL SWITCH BY SENSORWORK: • LOWER CASE LETTER (TOP) INDICATES SWITCHING DESIGNATION • UPPER CASE LETTER(S) OR NUMBER SUBSCRIPTS (BOTTOM): 3 = THREE WAY SWITCH M = MOMENTARY CONTACT SWITCH K = KEY SWITCH - #SWX-AS-MOM 3RS = 3-BUTTON CONTROLS - MODEL #SWX-854-B-WH VS = VACUANCY PIR SENSOR DIMMER - MODEL #SWX-103-D-WH VC = VACUANCY PIR SENSOR SWITCH - MODEL #SWX-103-WH OC = OCCUPANCY PIR SENSOR SWITCH - MODEL #SWX-101-WH
	CEILING MOUNTED OCCUPANCY SENSOR BY SENSORWORK. WIRE AS AUTO ON/AUTO OFF UNLESS OTHERWISE NOTED. PROVIDE POWER PACKS AS REQUIRED. MODEL #SWX-201-B
	EMERGENCY POWER CONTROL FOR DIMMABLE LOADS MODEL #SWX-EP-C-A-2-D
	EMERGENCY POWER CONTROL FOR DIMMABLE LOADS MODEL #SWX-LCS624D

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROPOSED LIGHTING PLANS**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**PROJECT**

DRAWING BY: RP  
CHECK BY: LW

**NOTICE**

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**SED No.** 66-01-02-06-0-007-013

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE** PROPOSED LIGHTING PLANS

**SCALE:** AS NOTED

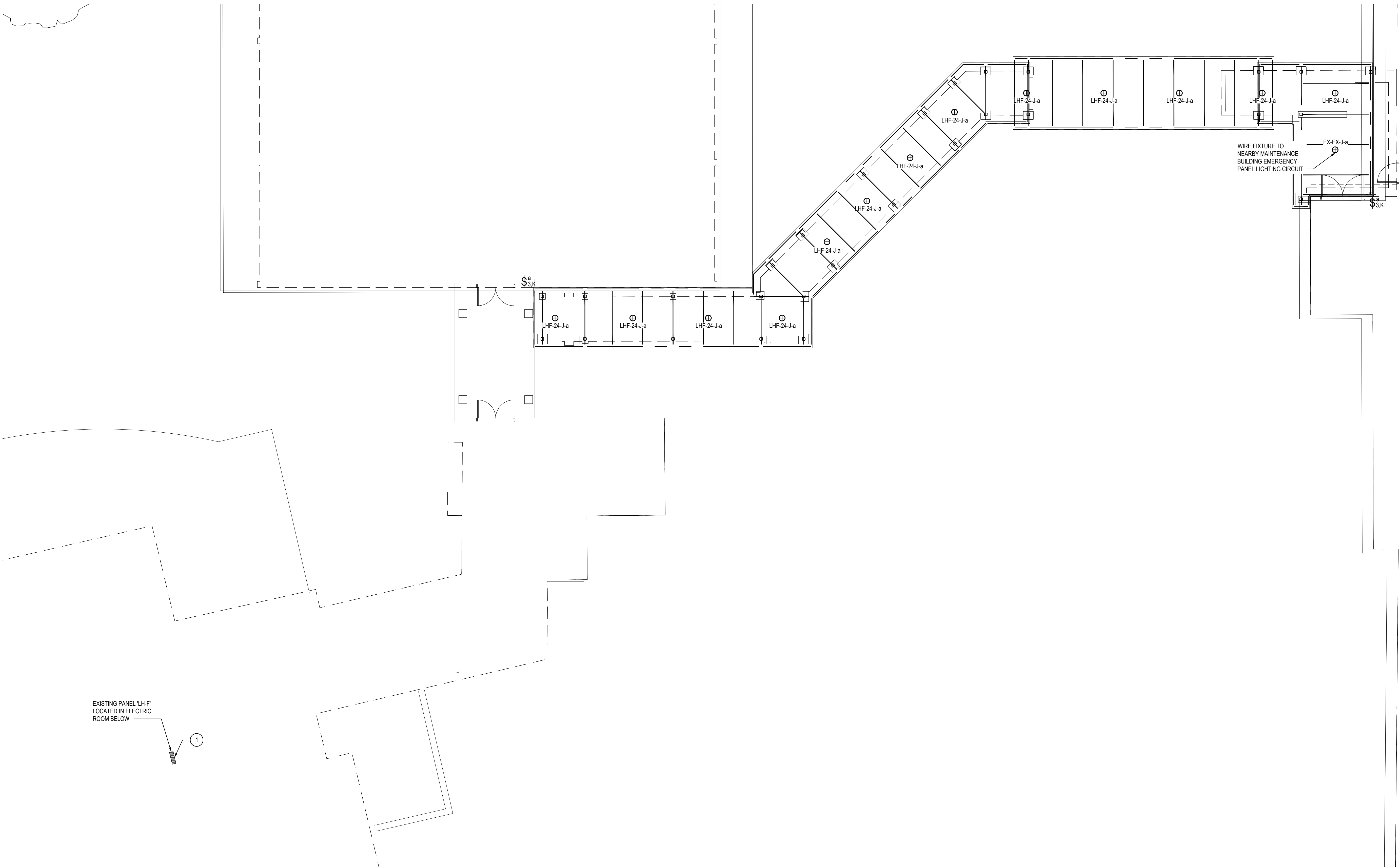
**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No.** 23-1316 **FLMS**

E3.01





THIRD FLOOR PLAN

SCALE: 1/8" = 1'-0"

ELECTRICAL PROPOSED GENERAL NOTES:

1. SEE DRAWING E7.02 FOR LIGHTING CONTROL DETAILS.
2. REFER TO DRAWING E3.01 FOR FULL LIGHT FIXTURE AND LIGHTING CONTROL SCHEDULE.

ELECTRICAL DEMOLITION KEY NOTES:

1. E.C. TO PROVIDE AND INSTALL NEW 20A BREAKER INTO EXISTING PANEL 'LH-P' TO FEED NEW CANOPY LIGHTS. BREAKER SHALL BE COMPATIBLE WITH EXISTING PANEL.

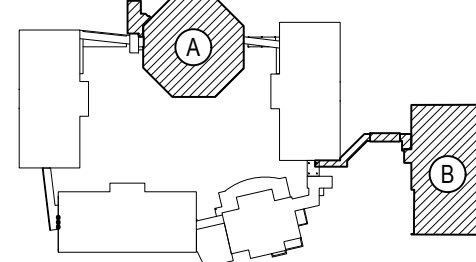
LIGHT FIXTURE WIRING FORMAT

	PANEL NAME/ EXISTING CIRCUIT	CKT BK/ EXISTING CIRCUIT GROUPING	FIXTURE TYPE	SWITCH LETTER
P1-1-AE-b	"P1"	"1"	"AE"	"b"
	"EX"	"1"	"AE"	"b"

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
PROPOSED  
LIGHTING PLAN - WALKWAY CANOPY

DRAWING BY: RP  
CHECK BY: LW

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66-01-02-06-0-007-013

DISTRICT

BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT

PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE

PROPOSED LIGHTING PLAN -  
WALKWAY CANOPY

SCALE

AS NOTED

DATE

APRIL 2024

BID PICK-UP

FEBRUARY 24, 2025

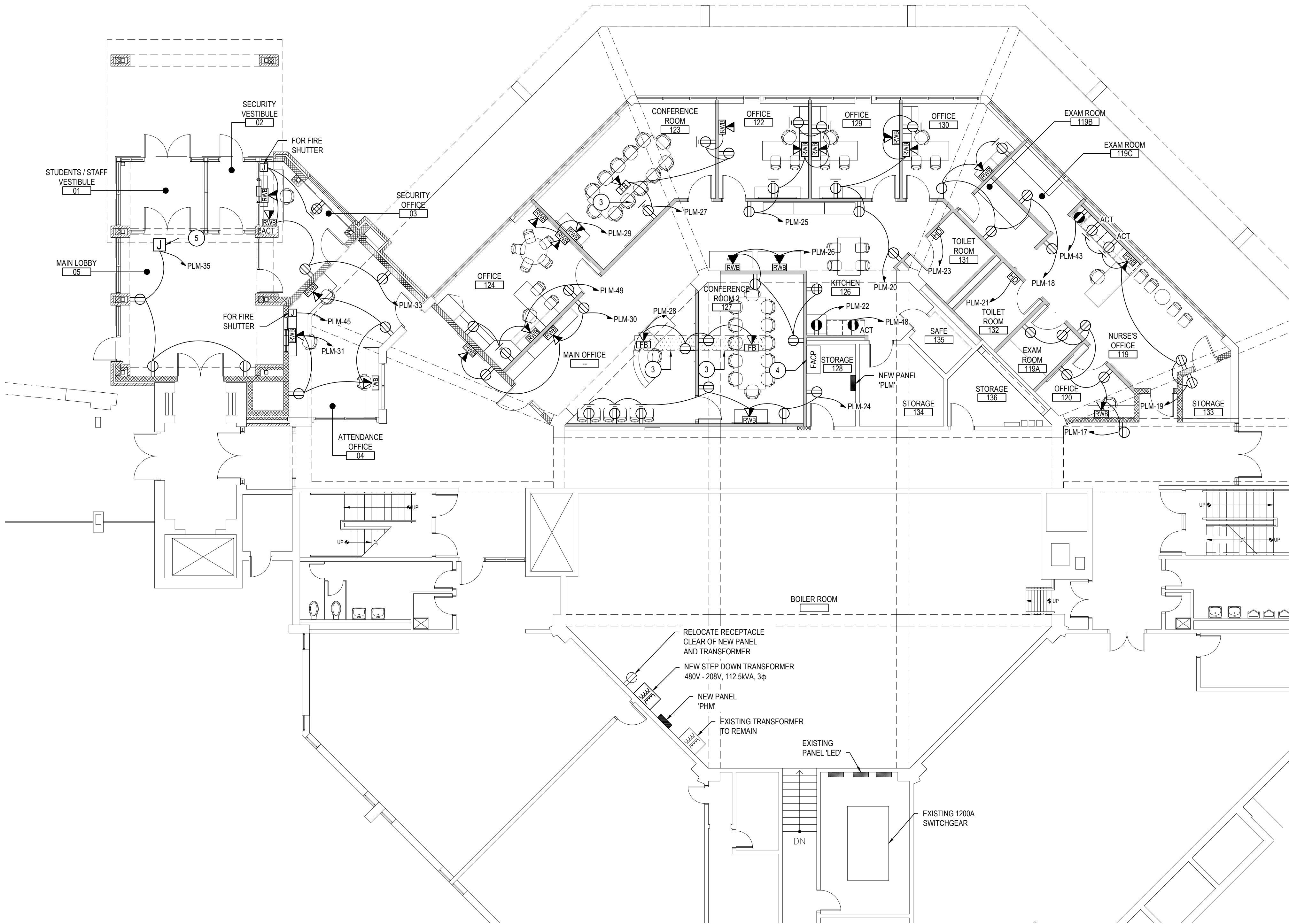
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23-131b

FLMS

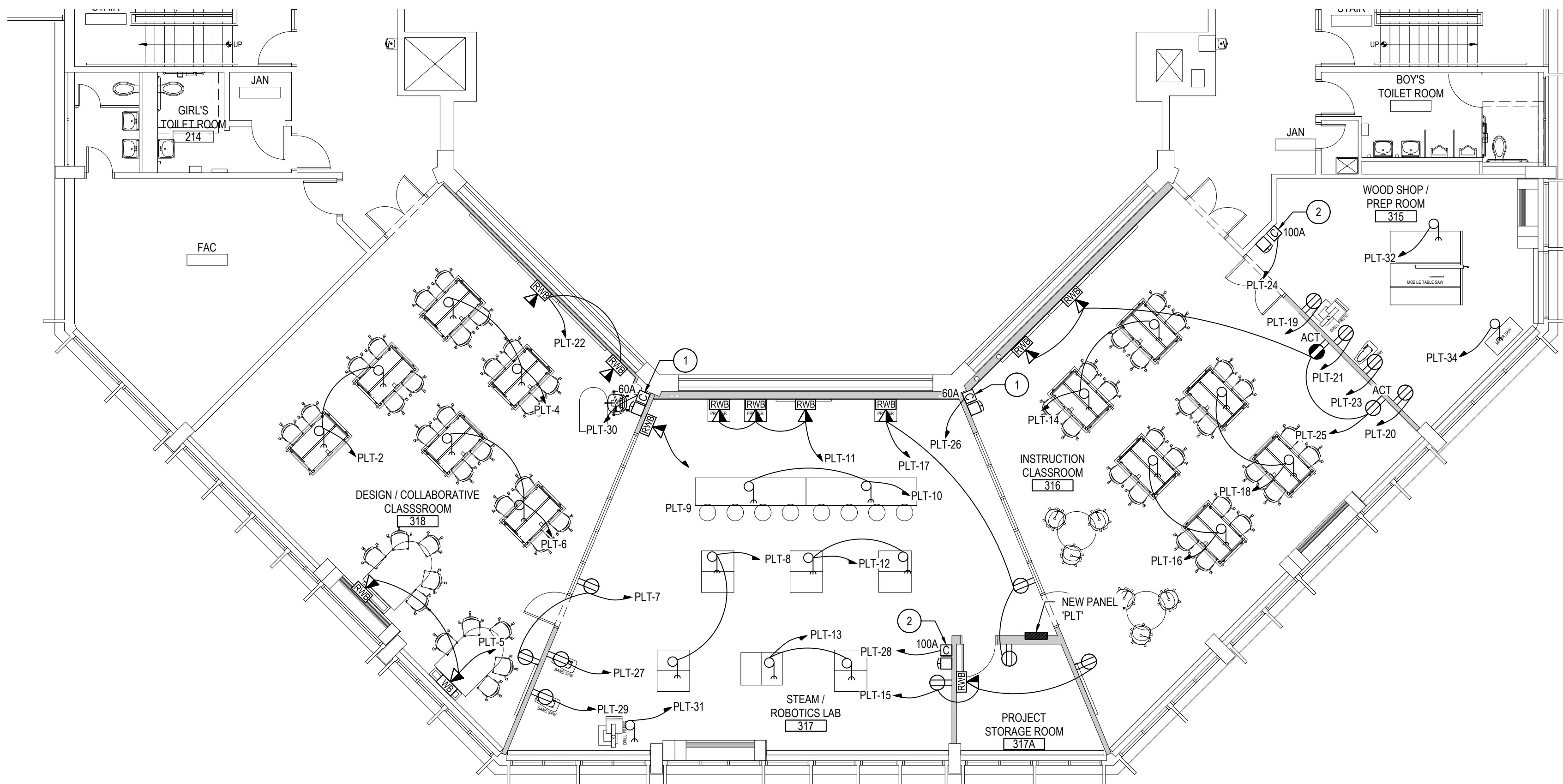
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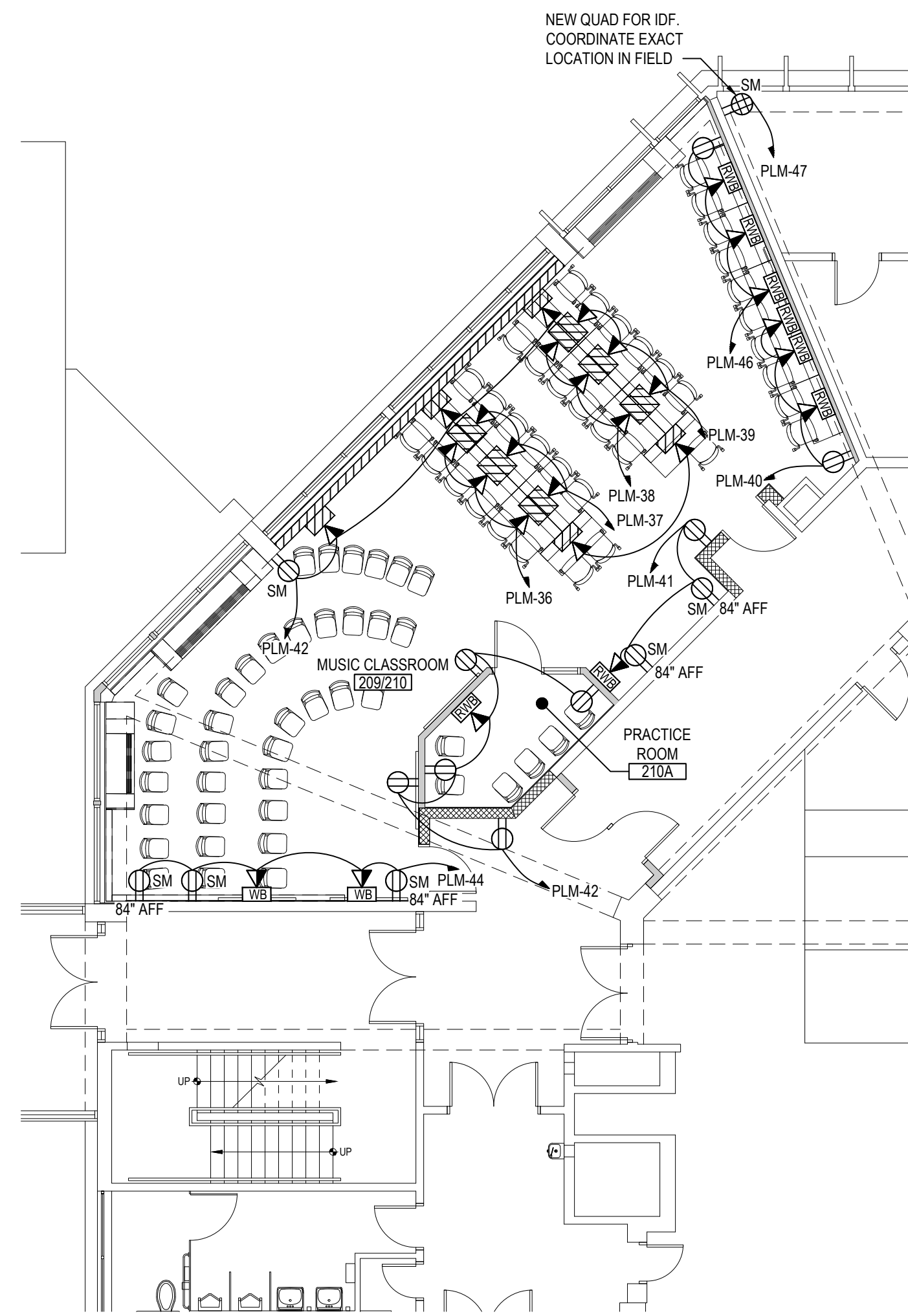
LOWER LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

ELECTRICAL PROPOSED GENERAL NOTES:

1. SEE DETAIL 5 ON E7.01 FOR CONTACTOR WIRING DIAGRAM
2. WHERE NECESSARY, E.G. SHALL RUN ALL EXPOSED CONDUITS AS CLOSE TO EXPOSED BEAMS AS POSSIBLE TO MAINTAIN AESTHETICS OF THE RENOVATED SPACES.

ELECTRICAL PROPOSED GENERAL NOTES:

1. POWER AND DATA SERVICE WILL BE SUPPLIED TO FLOOR EQUIPMENT VIA FLOOR BOXES AND CONDUITS AS DESCRIBED AS FOLLOWS.
2. THE FLOOR BOXES ARE FOUR-COMPARTMENT CAST-IRON COMBINATION FLOOR BOX. THE BOX WILL CONTAIN VARIOUS WIRING SERVICES. SEE TECHNOLOGY DRAWING FOR MORE DETAILS. ALL IN QUANTITIES AS REQUIRED FOR THE SPECIFIC LOCATION/LOAD SUPPLIED.
3. THE EXISTING SITE CONCRETE FLOOR IS TO BE SAW CUT BY ELECTRICAL CONTRACTOR FROM THE WALL TO BOX LOCATION AS REQUIRED. THE FLOOR IS EXPECTED TO BE 4 INCHES THICK, BUT THIS THICKNESS IS NOT CONFIRMED. THE SLOT FOR THE CONDUITS SHALL BE 12 INCHES WIDE. THE FLOOR BOX HOLE SHALL BE 18 INCHES BY 18 INCHES, MINIMUM, OR LARGER AS REQUIRED. PROVIDE A CONCRETE FOUNDATION BLOCK UNDER THE FLOOR BOX TO PROVIDE BEARING STRENGTH. PROVIDE BLOCKS UNDER THE CONDUITS AS REQUIRED TO STABILIZE AND POSITION THEM FOR FLOOR RESTORATION. PLACE CONDUITS IN THE SAND BELOW THE FLOOR POUR WITH 4" SAND OVER THE CONDUITS. USE SCHEDULE 40 PVC CONDUITS. UTILIZE THE FLOOR BOX ADJUSTING LEG SCREWS TO LEVEL THE BOX TO BE FLUSH WITH FLOOR WITH THE COVER INSTALLED, AS PER MANUFACTURER'S INSTRUCTIONS.
4. OBSERVE CAT-6 MINIMUM BENDING RADIUS IN DATA CONDUITS.

ELECTRICAL DEMOLITION KEY NOTES:

1. E.C. TO WIRE CORD REEL CIRCUITS SERVING THE ROOM THROUGH 60A CONTACTOR. WIRE CONTACTOR CIRCUIT THROUGH EMERGENCY PUSH BUTTON SO THAT IN THE EVENT THE BUTTON IS PRESSED, POWER IS CUT FROM ALL CORD REELS IN THE ROOM.
2. E.C. TO WIRE DRILL PRESS, SAW, AND CORD REEL CIRCUITS THROUGH 100A CONTACTOR. WIRE CONTACTOR CIRCUIT THROUGH EMERGENCY PUSH BUTTON SO THAT IN THE EVENT THE BUTTON IS PRESSED, POWER IS CUT FROM ALL MACHINES IN THE ROOM.
3. TRENCH BY E.C. TO RUN FROM INSIDE NEW WALL TO NEW FLOOR BOX IN TRENCH.  
(1) 1 1/2" CONDUIT FOR NEW POWER CIRCUIT  
(1) 1 1/2" CONDUIT FOR NEW DATA WIRING
4. RELOCATED FACP TO NEW LOCATION AND WIRE TO GENERATOR POWERED PANEL.
5. PROVIDE AND INSTALL JUNCTION BOX FOR CARD ACCESS CONTROLLERS AND MOUNT ABOVE CEILING. SEE TECHNOLOGY PLANS FOR MORE INFORMATION.

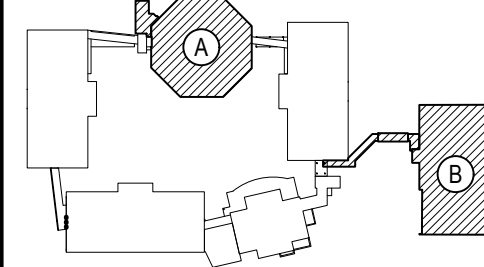
FLOOR BOX CONSTRUCTION NOTES:

1. POWER AND DATA SERVICE WILL BE SUPPLIED TO FLOOR EQUIPMENT VIA FLOOR BOXES AND CONDUITS AS DESCRIBED AS FOLLOWS.
2. THE FLOOR BOXES ARE FOUR-COMPARTMENT CAST-IRON COMBINATION FLOOR BOX. THE BOX WILL CONTAIN VARIOUS WIRING SERVICES. SEE TECHNOLOGY DRAWING FOR MORE DETAILS. ALL IN QUANTITIES AS REQUIRED FOR THE SPECIFIC LOCATION/LOAD SUPPLIED.
3. THE EXISTING SITE CONCRETE FLOOR IS TO BE SAW CUT BY GENERAL CONTRACTOR FROM THE WALL TO BOX LOCATION AS REQUIRED. THE FLOOR IS EXPECTED TO BE 4 INCHES THICK, BUT THIS THICKNESS IS NOT CONFIRMED. THE SLOT FOR THE CONDUITS SHALL BE 12 INCHES WIDE. THE FLOOR BOX HOLE SHALL BE 18 INCHES BY 18 INCHES, MINIMUM, OR LARGER AS REQUIRED. PROVIDE A CONCRETE FOUNDATION BLOCK UNDER THE FLOOR BOX TO PROVIDE BEARING STRENGTH. PROVIDE BLOCKS UNDER THE CONDUITS AS REQUIRED TO STABILIZE AND POSITION THEM FOR FLOOR RESTORATION. PLACE CONDUITS IN THE SAND BELOW THE FLOOR POUR WITH 4" SAND OVER THE CONDUITS. USE SCHEDULE 40 PVC CONDUITS. UTILIZE THE FLOOR BOX ADJUSTING LEG SCREWS TO LEVEL THE BOX TO BE FLUSH WITH FLOOR WITH THE COVER INSTALLED, AS PER MANUFACTURER'S INSTRUCTIONS.
4. OBSERVE CAT-6 MINIMUM BENDING RADIUS IN DATA CONDUITS.

REV.	DATE	ITEM

NOTICE

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
PROPOSED POWER PLANS

DRAWING BY: RP  
CHECK BY: LW

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT: PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE: PROPOSED FLOOR PLANS

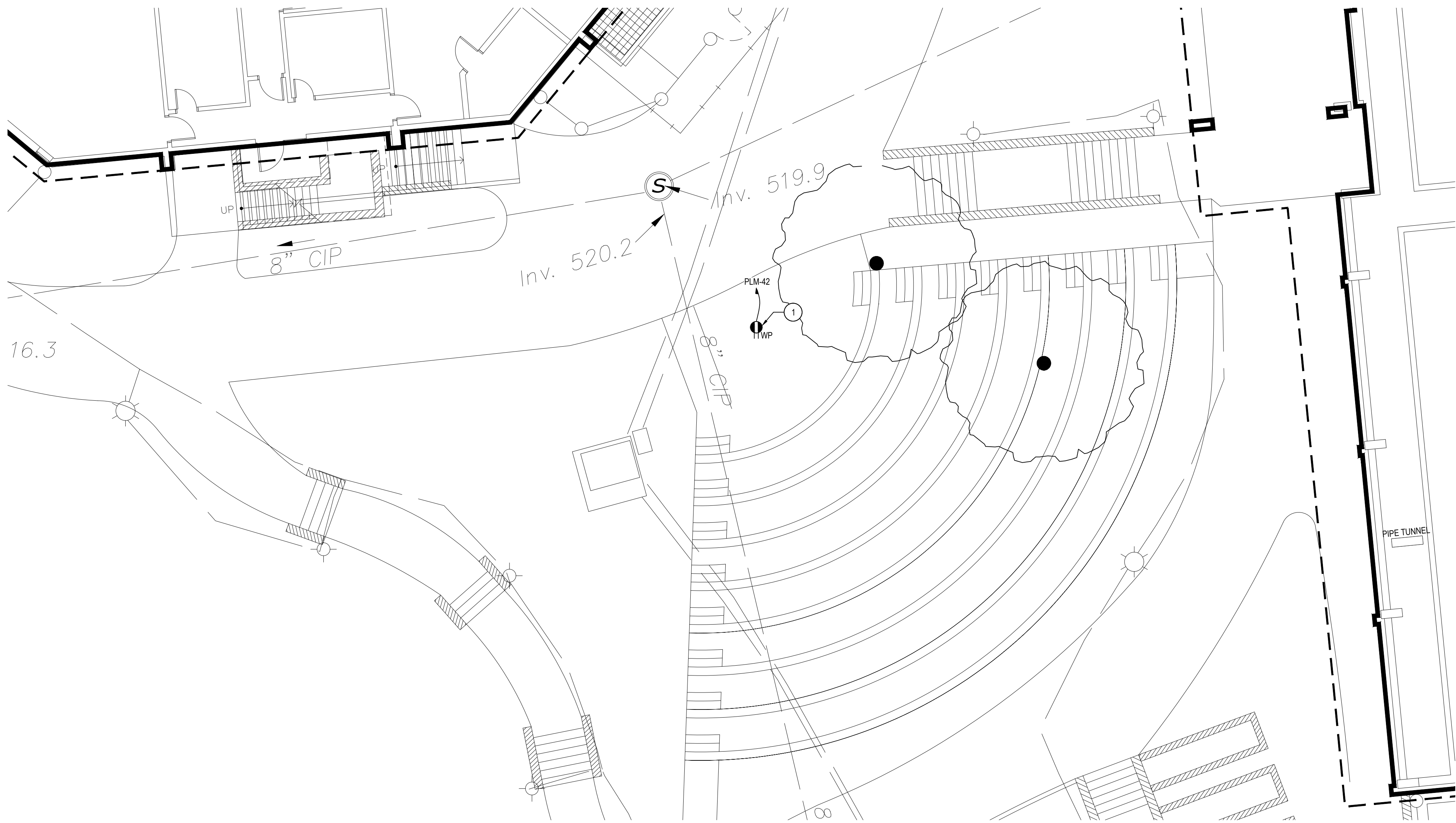
SCALE: AS NOTED  
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

E4.01





COURTYARD AMIPTHEATER PLAN

SCALE: 1/8" = 1'-0"

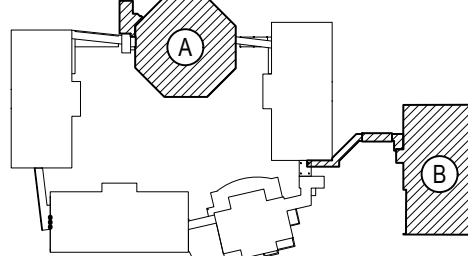
ELECTRICAL PROPOSED KEY NOTES:

1. INSTALL WEATHERPROOF GFCI RECEPTACLE TO SERVE OUTDOOR AMPHITHEATER AREA. ALL EXCAVATION, BACKFILL, COMPACTION, AND RESTORATION OF IMPACTED SURFACES (ASPHALT, GRASS, SIDEWALKS, ETC) IS BY E.C.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
PROPOSED  
POWER PLANS - COURTYARD AMIPTHEATER

DRAWING BY: RP  
CHECK BY: LW

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT: PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE: PROPOSED POWER PLANS -  
COURTYARD AMIPTHEATER

SCALE: AS NOTED

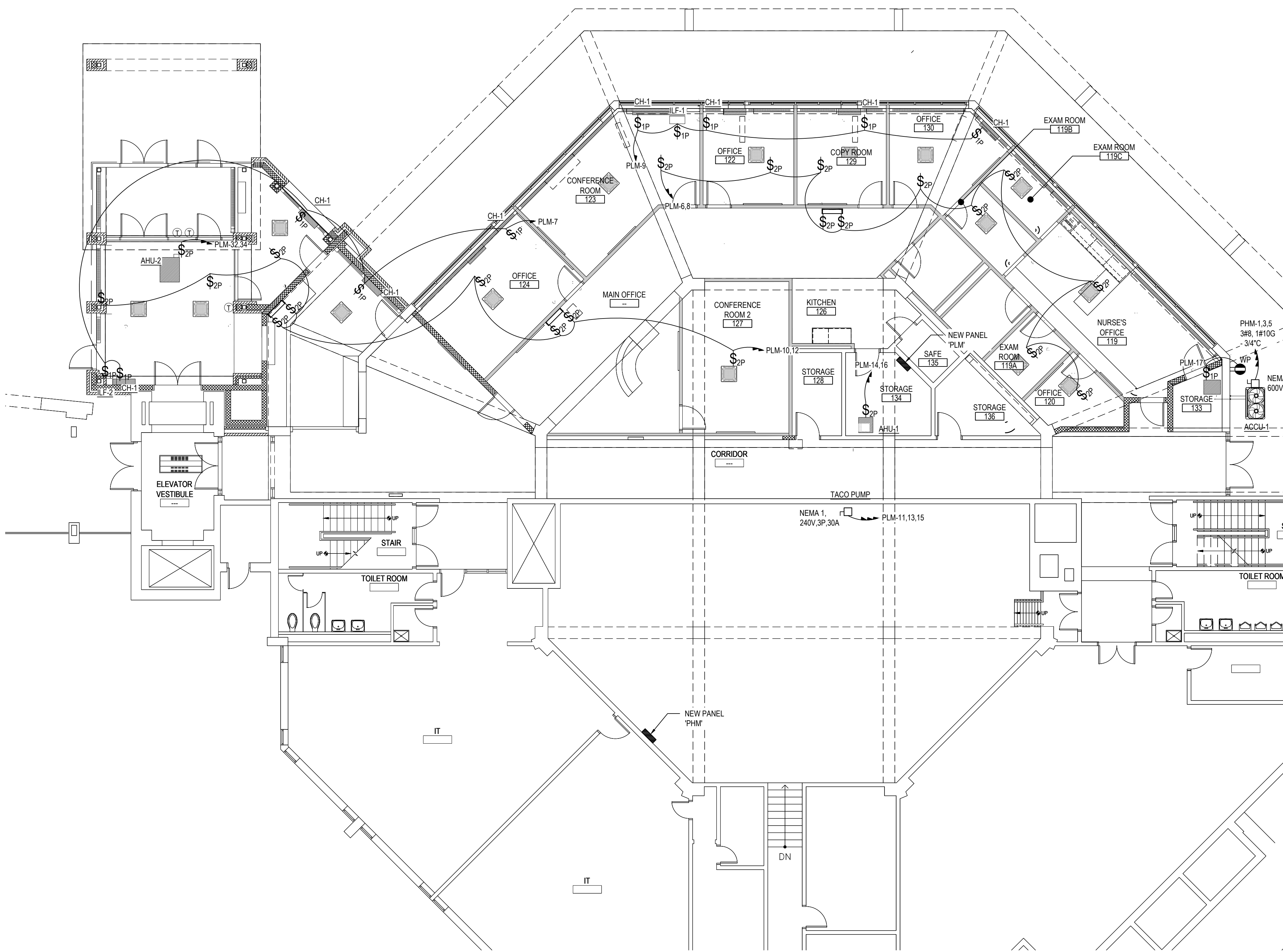
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

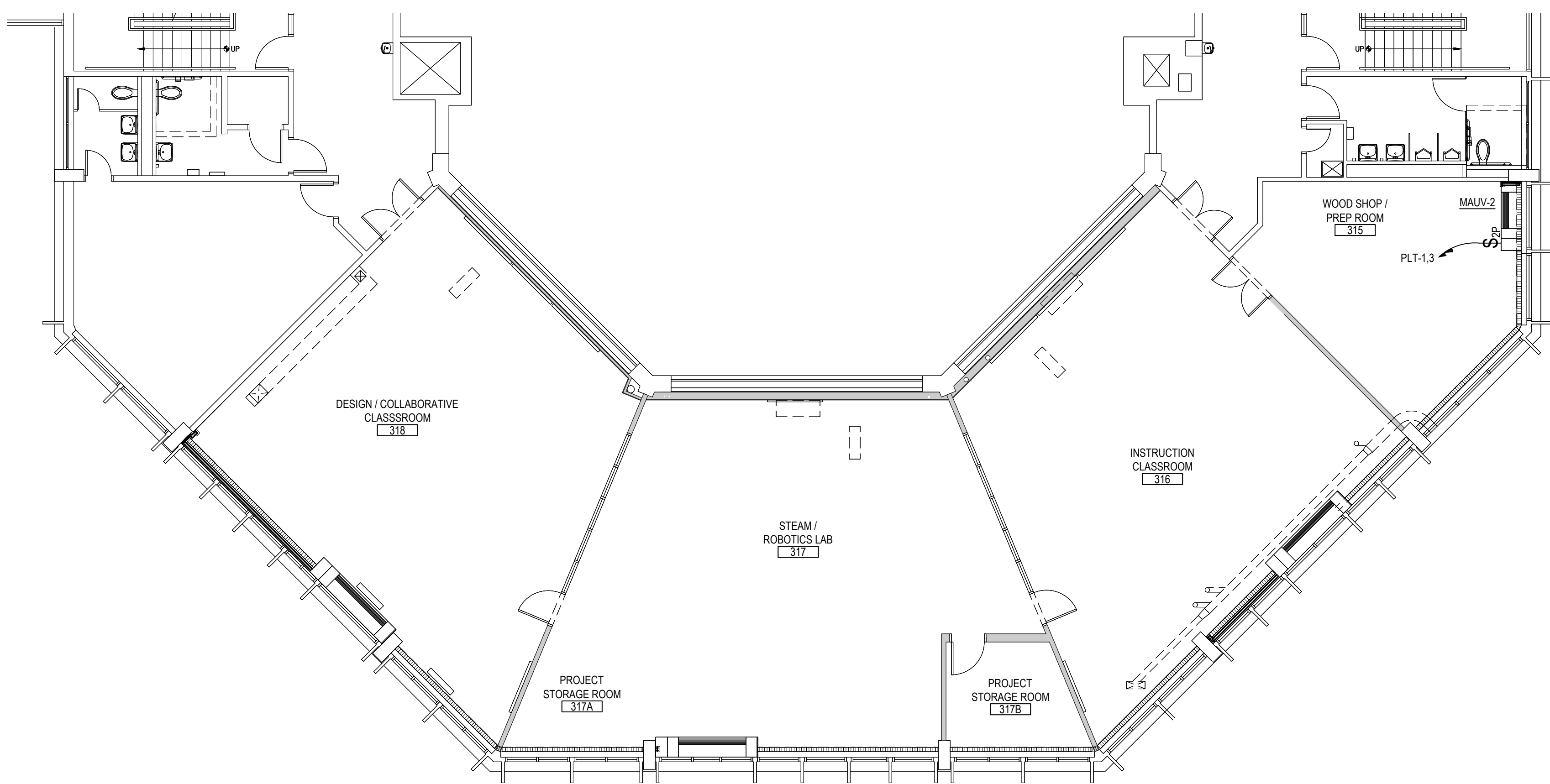
E4.02





LOWER LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN

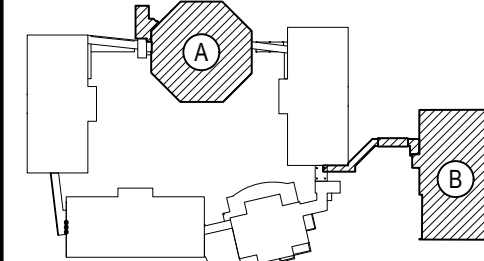
SCALE: 1/8" = 1'-0"

ELECTRICAL PROPOSED GENERAL NOTES:

1. WHERE NECESSARY, E.C. SHALL RUN ALL EXPOSED CONDUITS AS CLOSE TO EXPOSED BEAMS AS POSSIBLE TO MAINTAIN AESTHETICS OF THE RENOVATED SPACES.

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY  
DWG TITLE  
PROPOSED MECHANICAL POWER PLANS

DRAWING BY: RP  
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: PROPOSED MECHANICAL POWER PLANS  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS



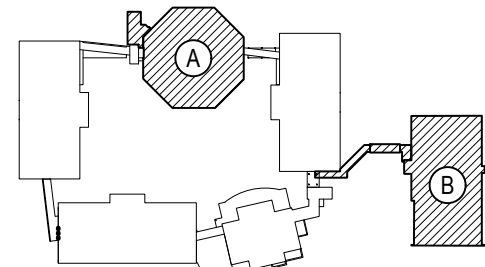
ELECTRICAL GENERAL PROPOSED NOTES:

1. WIRE ALL MAINTENANCE RECEPTACLES TO NEAREST 120V CIRCUIT.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE

PROPOSED ROOF PLANS

DRAWING BY: RP  
CHECK BY: LW

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: PROPOSED ROOF PLANS

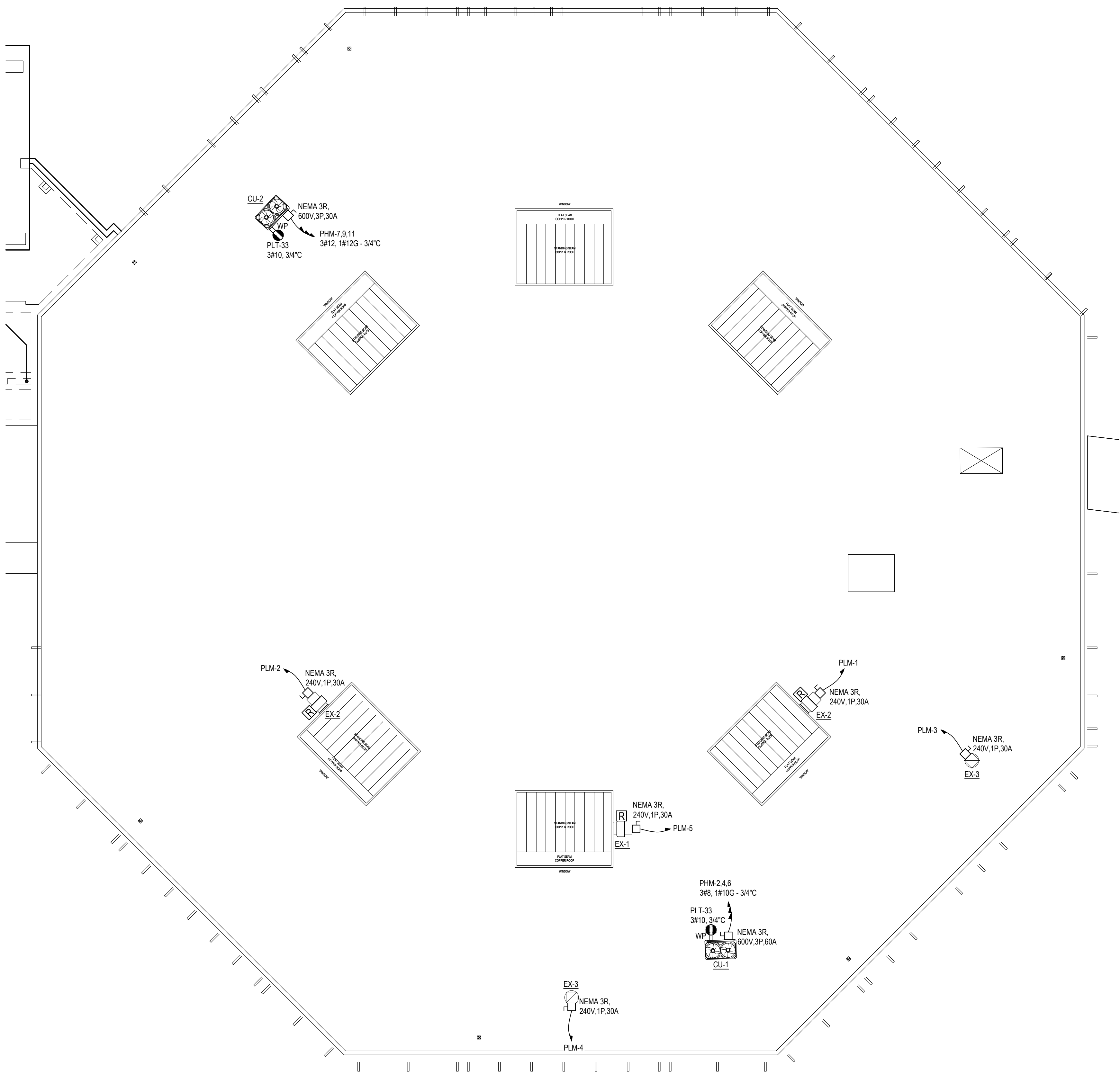
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DATE: APRIL 2024

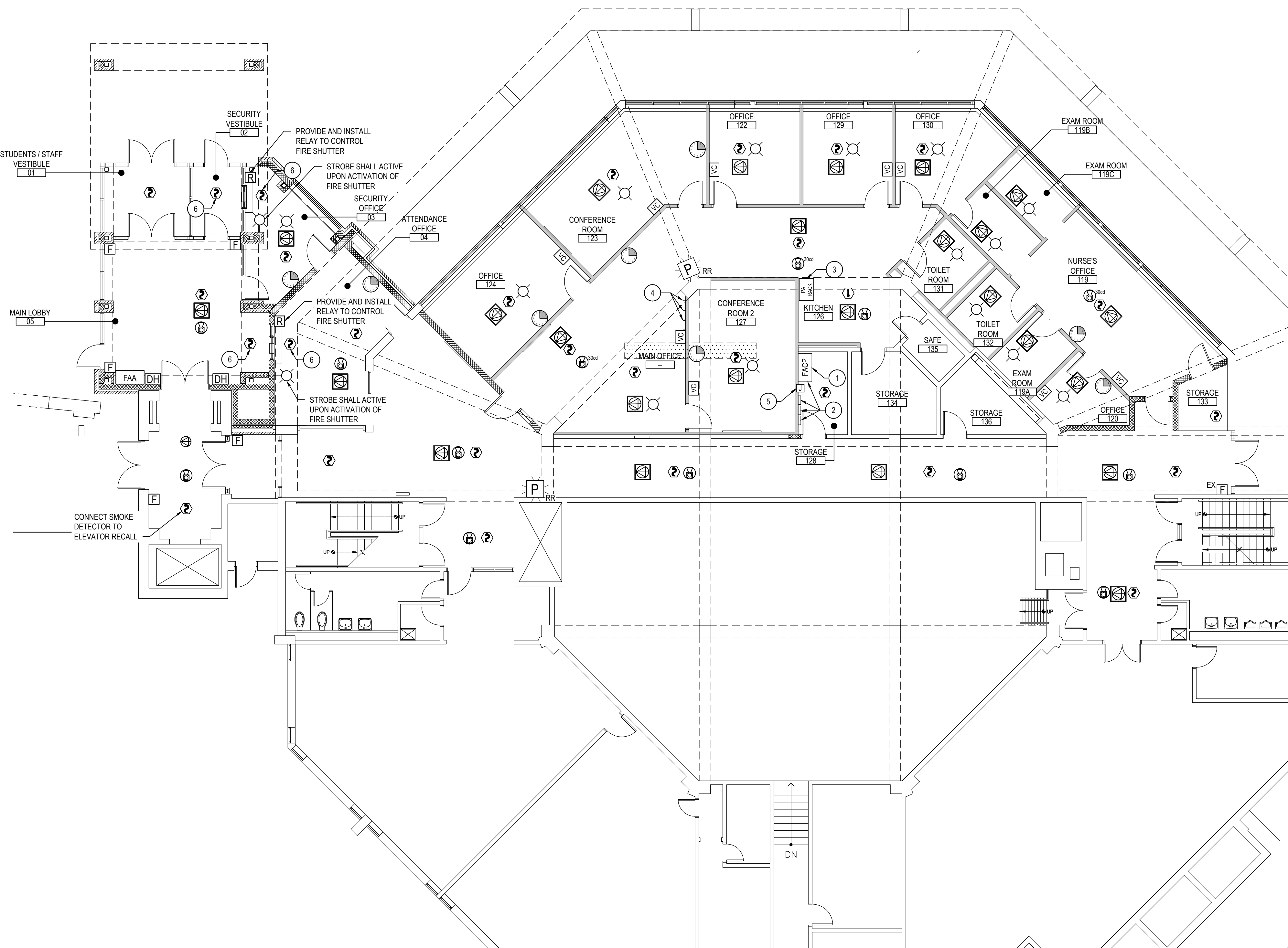
BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

E4.04

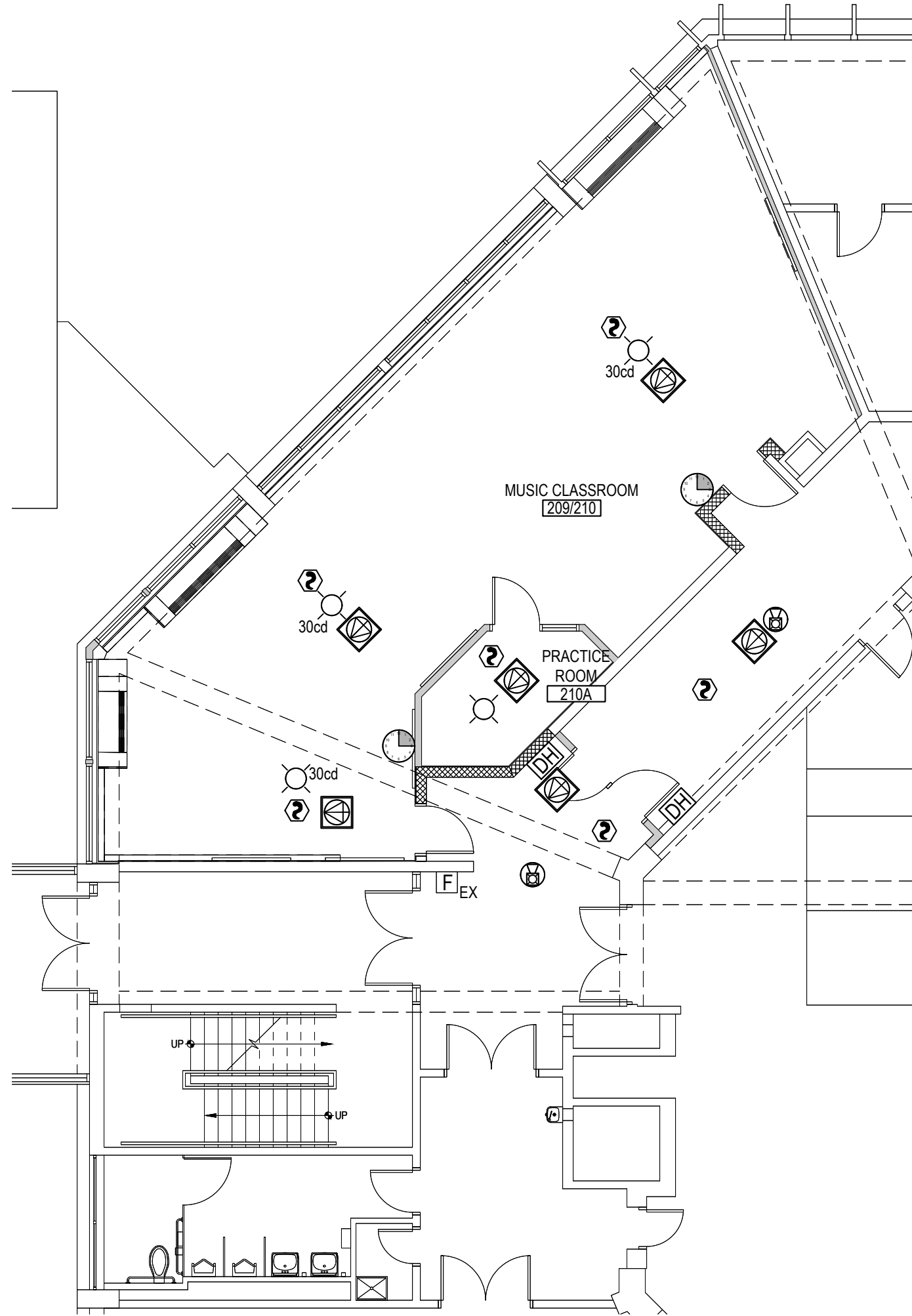






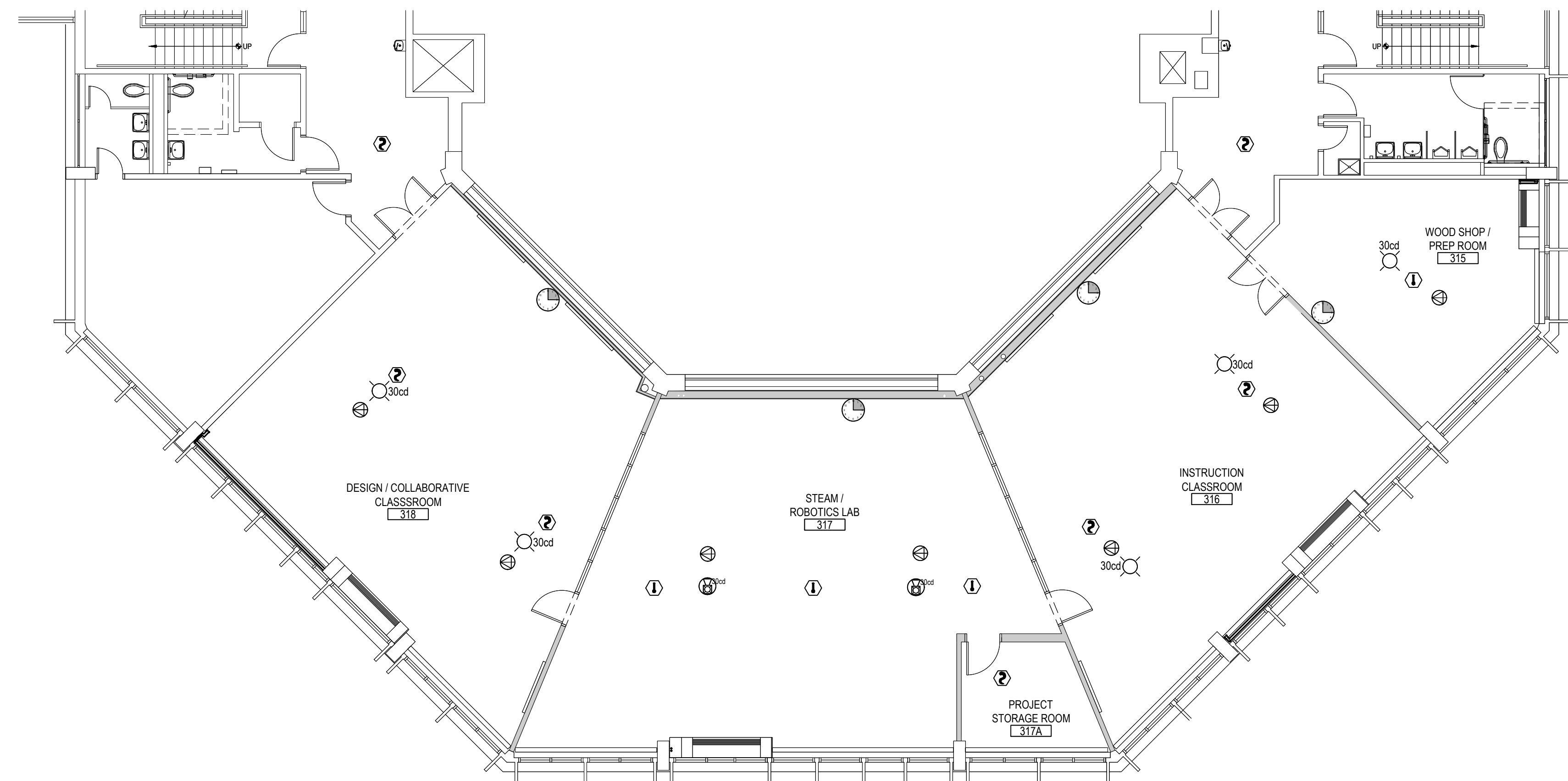
LOWER LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

ELECTRICAL PROPOSED GENERAL NOTES:

- WHERE NECESSARY, E.C. SHALL RUN ALL EXPOSED CONDUITS AS CLOSE TO EXPOSED BEAMS AS POSSIBLE TO MAINTAIN AESTHETICS OF THE RENOVATED SPACES.
- PROVIDE ADAPTIVE HARDWARE TO POWER OF THE STROBES AND HORNS. THE STROBE CANDELA IS 15 cd UNLESS OTHERWISE INDICATED ON DRAWING.

ELECTRICAL PROPOSED KEY NOTES:

- E.C. TO PROVIDE AND INSTALL NEW LOOP CONTROLLER INTO EXISTING FIRE ALARM CONTROL PANEL TO SERVE PROPOSED ADDITIONAL DEVICES.
- E.C. TO REINSTALL FIRE ALARM PANEL, FIRE ALARM BOX, DATABASE, AND ALARM PANEL INTO NEW STORAGE CLOSET. TEST ALL DEVICES TO ENSURE FUNCTIONALITY AFTER REINSTALLATION. EXTEND/SHORTEN WIRING AS NEEDED. PROVIDE FA CERTIFICATION LETTER FROM FIRE ALARM VENDOR.
- E.C. TO RECONNECT ALL PA CONNECTIONS TO EXISTING RACK IN NEW LOCATION. EXTEND/SHORTEN WIRING AS NEEDED.
- E.C. TO REINSTALL TIME CARD READER, EMERGENCY GENERATOR ANNUNCIATOR, AND PAVCLOCK SYSTEM CONTROLS ONTO NEW MAIN OFFICE WALL. TEST ALL DEVICES TO ENSURE FUNCTIONALITY AFTER REINSTALLATION. EXTEND/SHORTEN WIRING AS NEEDED.
- E.C. TO REROUTE ALL FA WIRES FROM OLD SPLICE BOX LOCATION TO NEW SPLICE BOX LOCATION. INSTALL NEW SPLICE BOX RECESSED IN WALL UNDERNEATH THE FACP. EXTEND/SHORTEN WIRES AS NEEDED. VERIFY ALL CONNECTIONS AND ENSURE THAT ALL DEVICES TO REMAIN ARE FUNCTIONAL.
- CONNECT SMOKE DETECTOR TO FIRE SHUTTER SUCH THAT IN THE ACTIVATION OF THIS DETECTOR THE SHUTTER SHALL CLOSE.

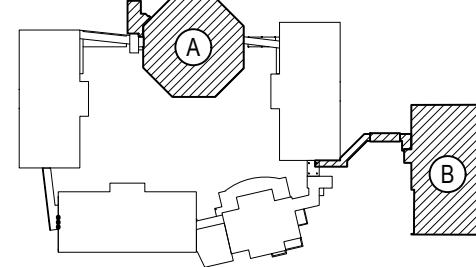
SPECIAL SYSTEMS SCHEDULE

SYMBOL	DESCRIPTION
	SMOKE DETECTOR WITH BASE BY SIMPLEX. MODEL #FDC421
	MANUAL PULL STATION WITH STI STOPPER PROTECTIVE SHIELD WITHOUT ALARM (OR SIMILAR). MODEL #MMS-S
	CEILING MOUNT STROBE NOTIFICATION DEVICE. MODEL #SLSCW-F
	CEILING MOUNT HORN / STROBE NOTIFICATION DEVICE. MODEL #SLHSCW-F
	ELECTROMAGNETIC HOLD OPEN DEVICE. VOLTAGE TO MATCH SYSTEM.
	FIRE ALARM RELAY. MODEL #TRI-R
	RECESSED CEILING MOUNTED PUBLIC ADDRESS SPEAKER COMPATIBLE WITH EXISTING SYSTEM.
	RECESSED LAY-IN 2X2 PUBLIC ADDRESS DROP-IN CEILING SPEAKER. MODEL #CS02X2
	VOLUME CONTROL ATTENUATOR FOR PUBLIC ADDRESS SPEAKER(S). MODEL #AT10A OR AT35A

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
PROPOSED SPECIAL SYSTEMS PLANS

DRAWING BY: RP  
CHECK BY: LW

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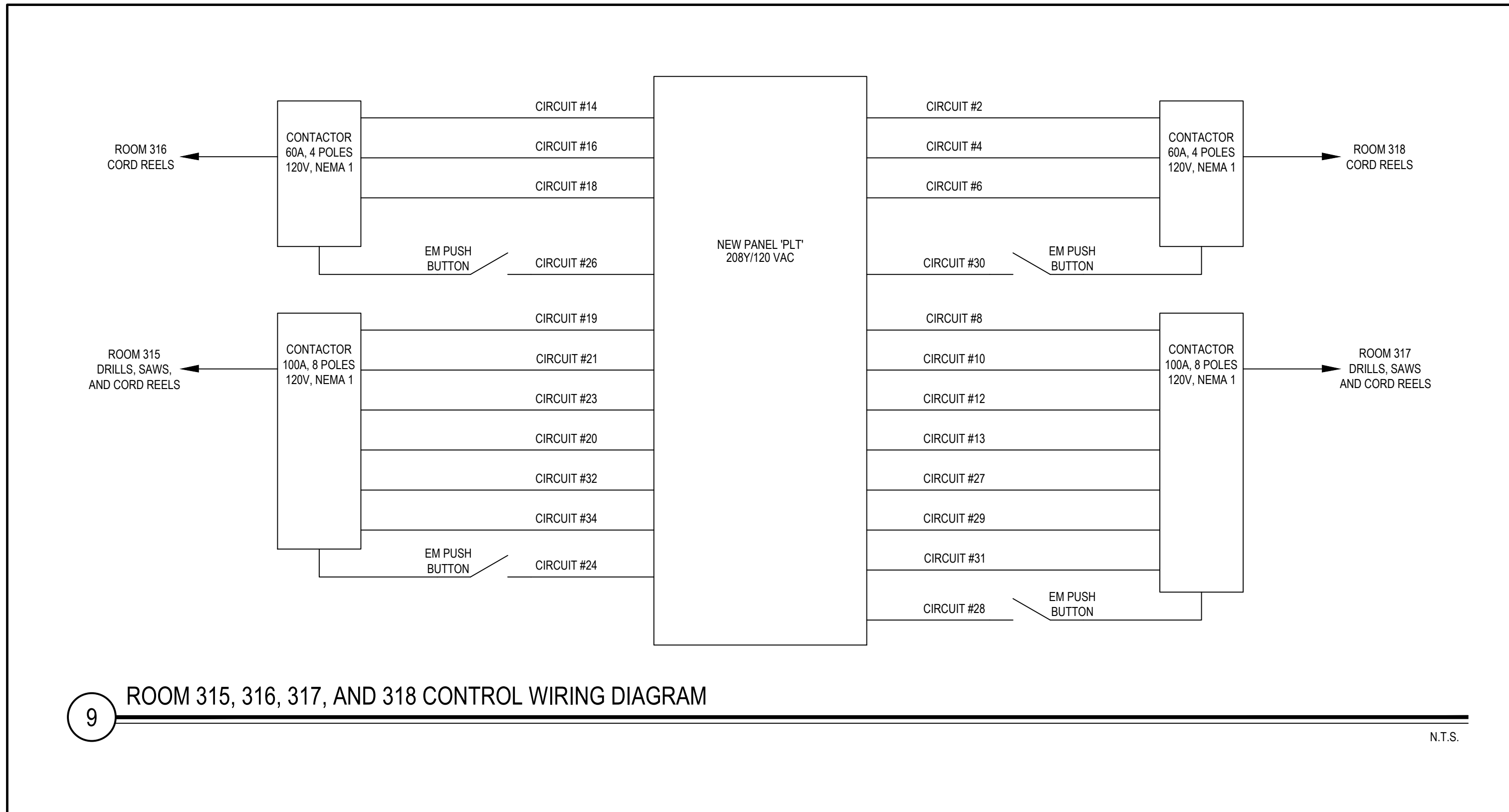
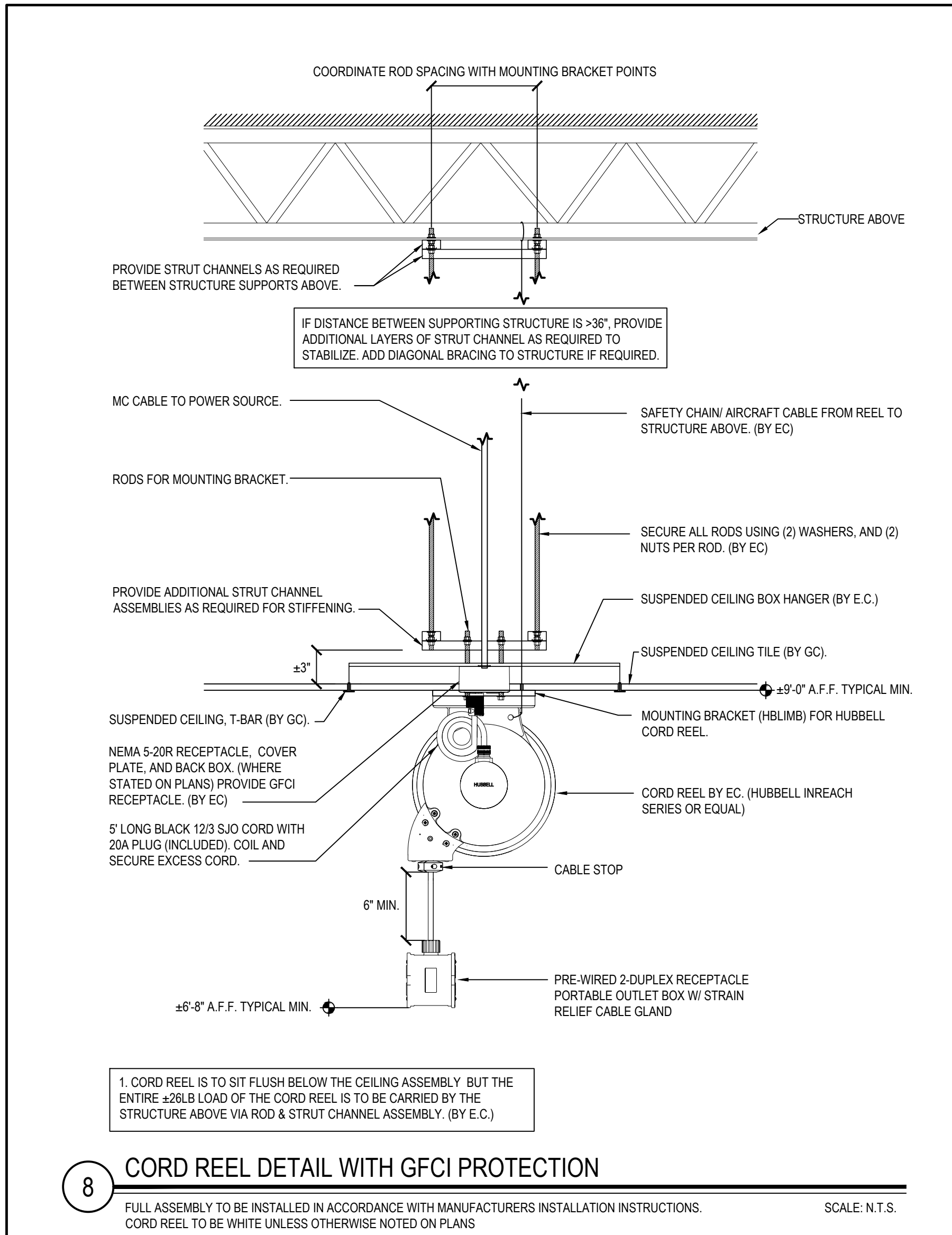
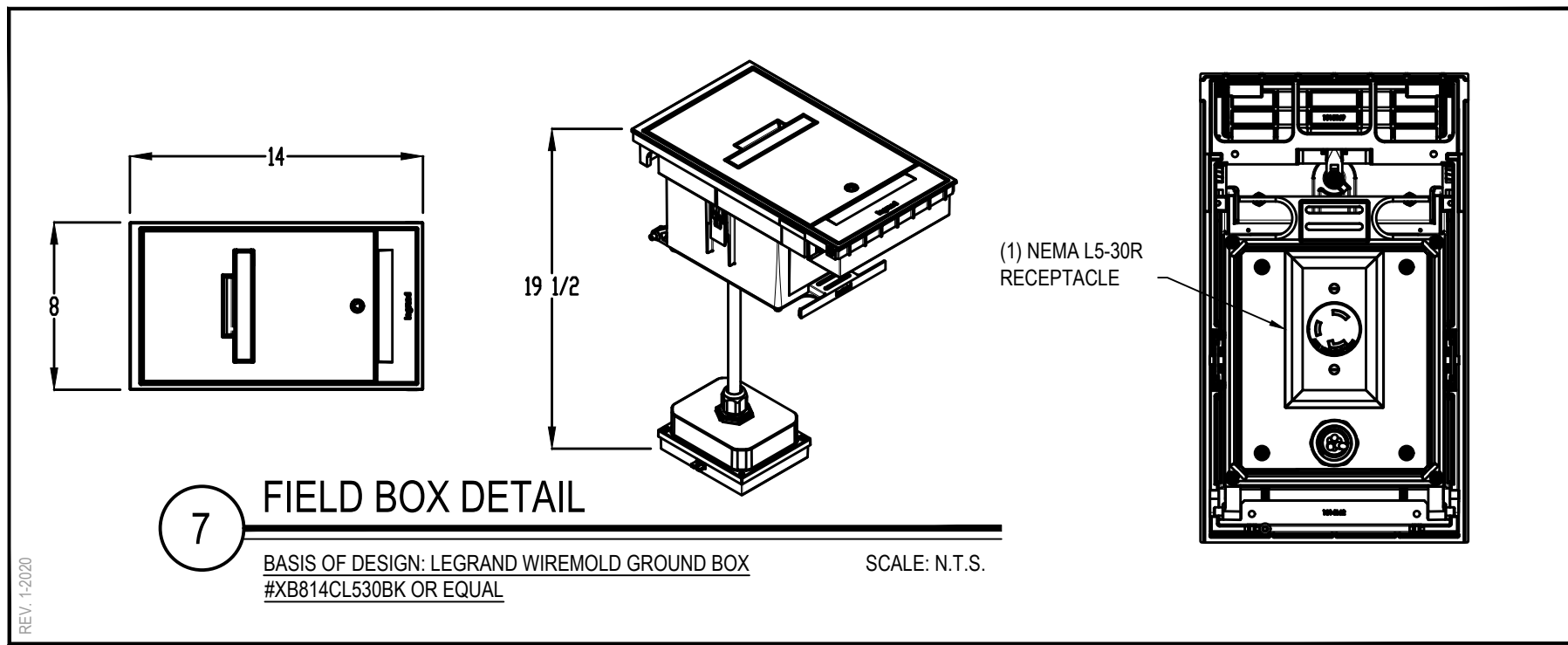
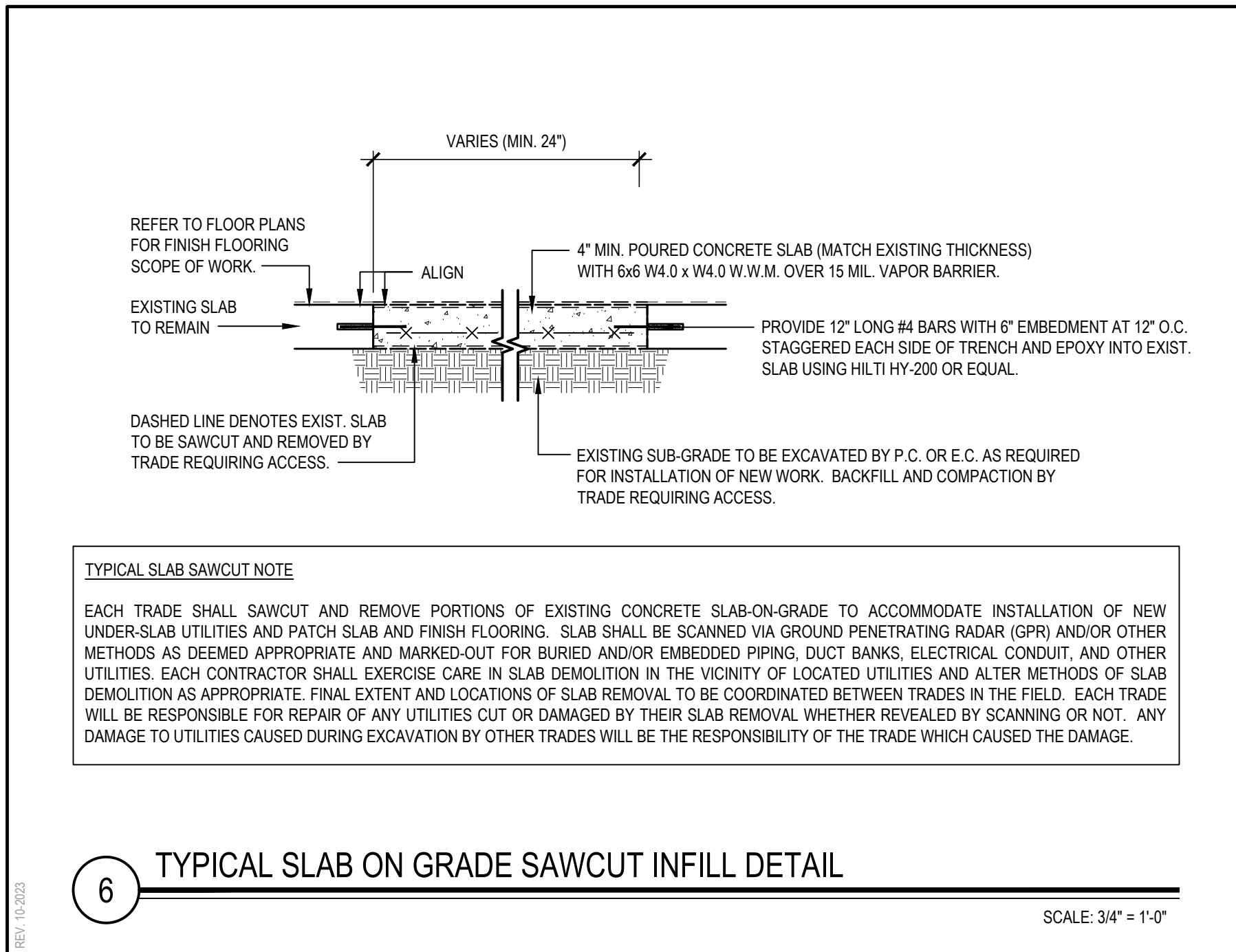
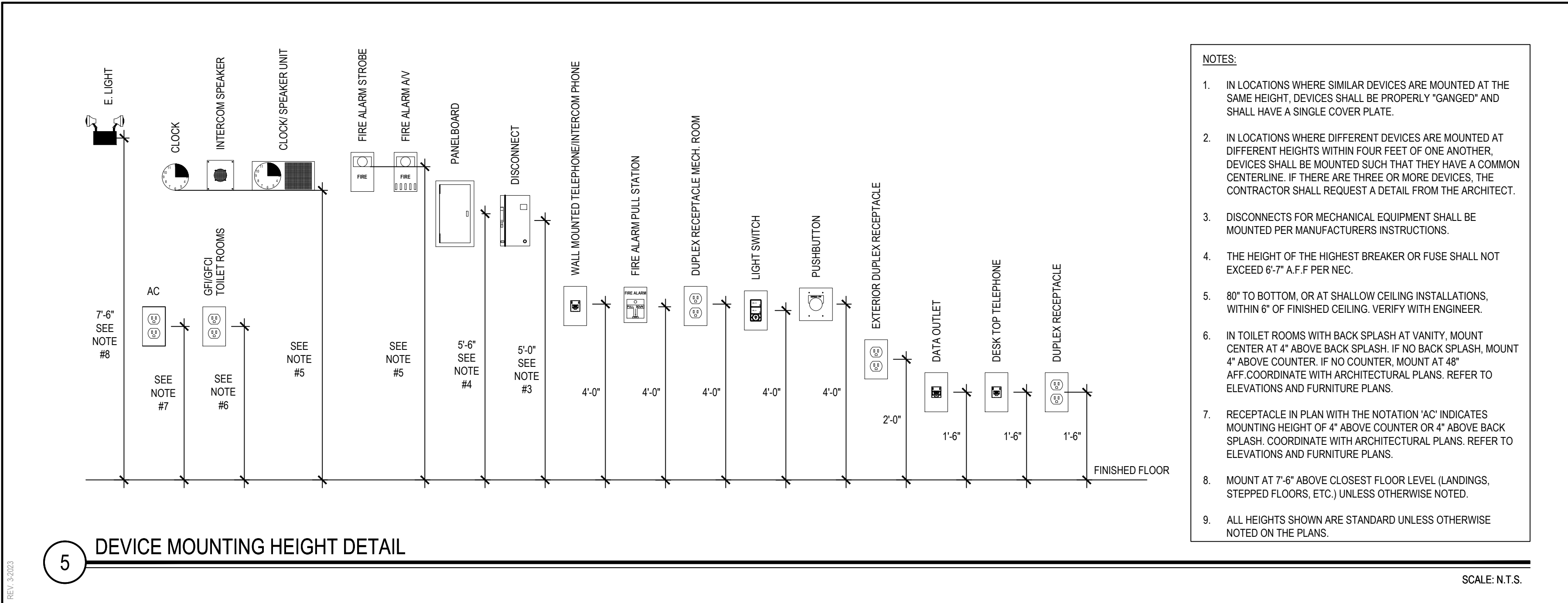
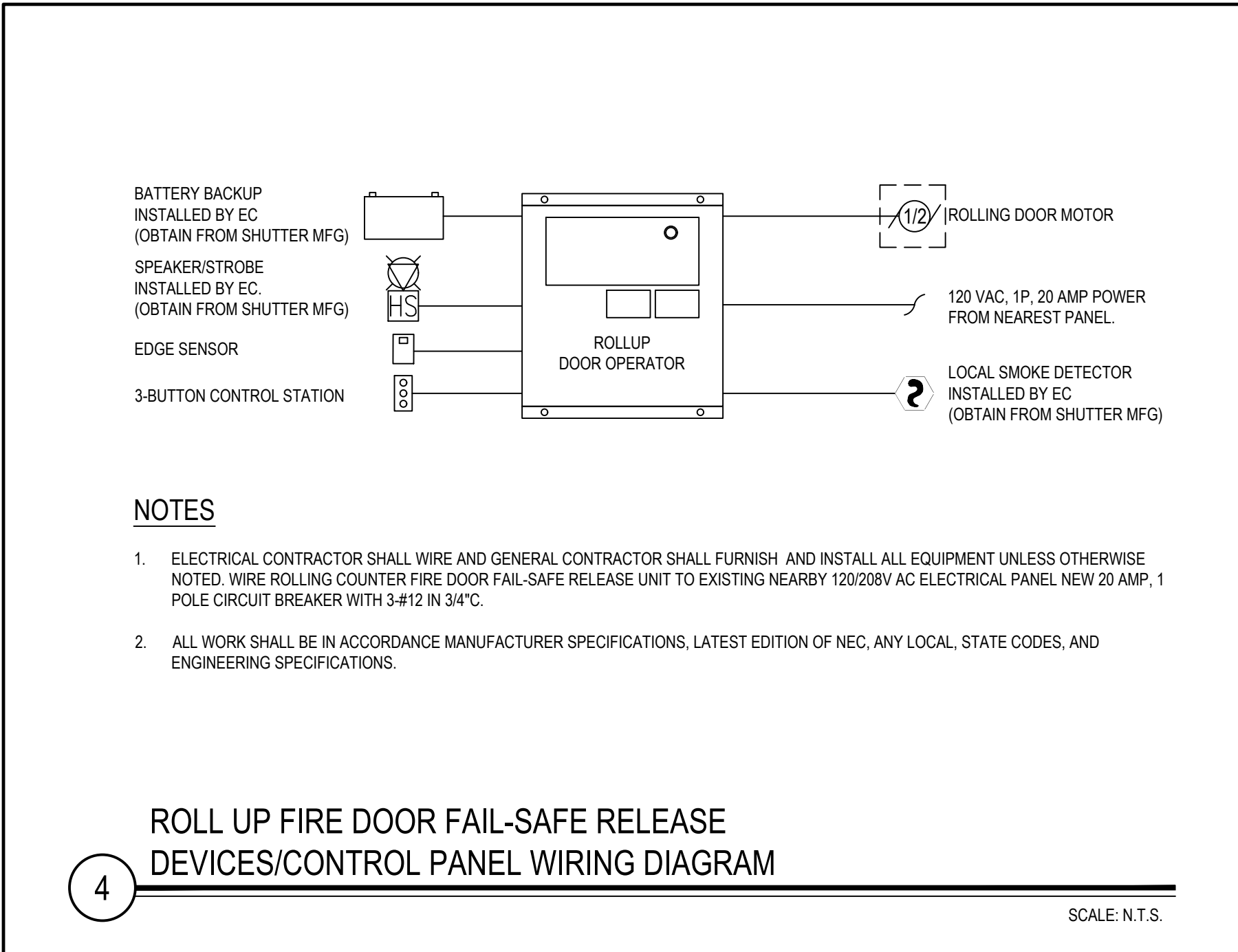
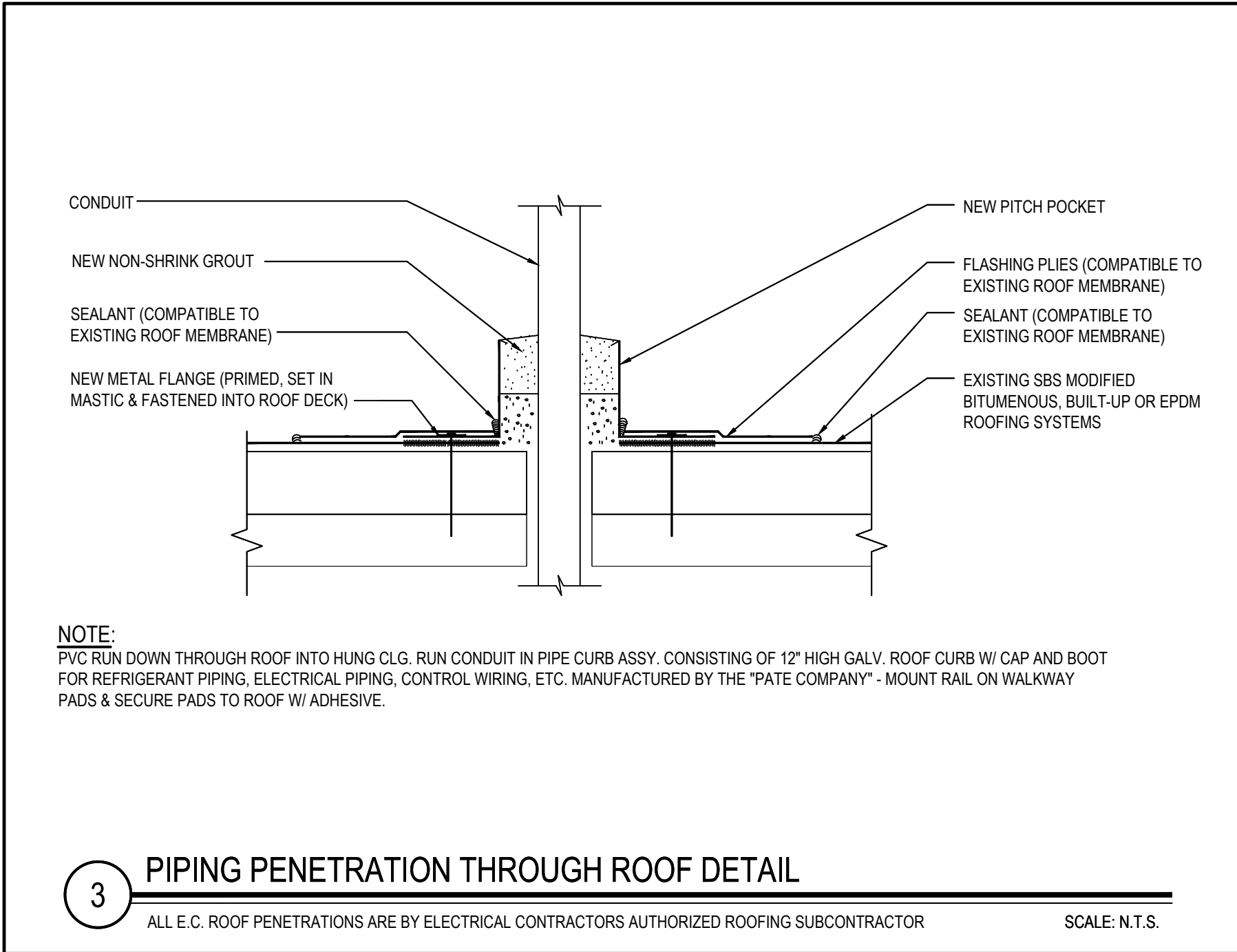
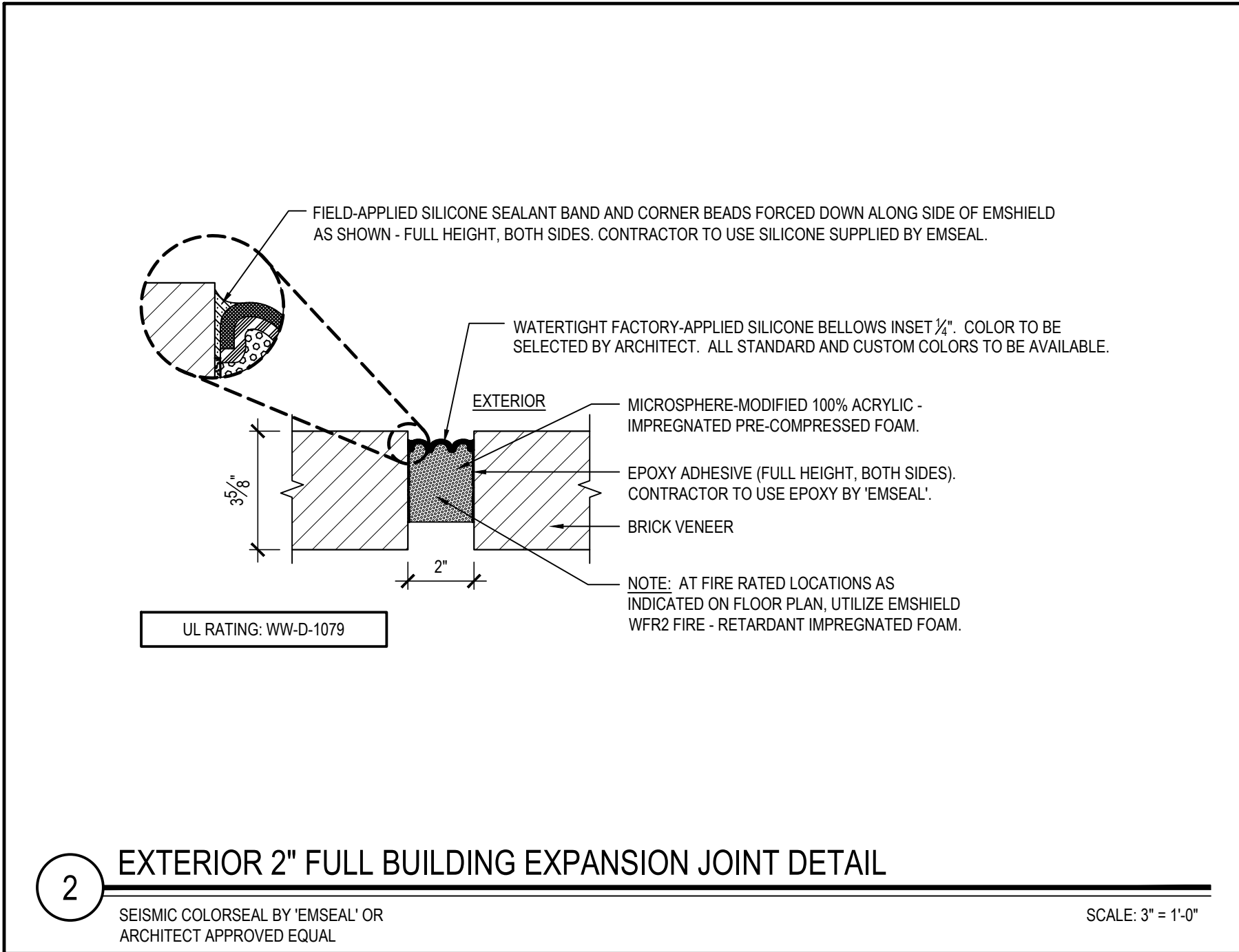
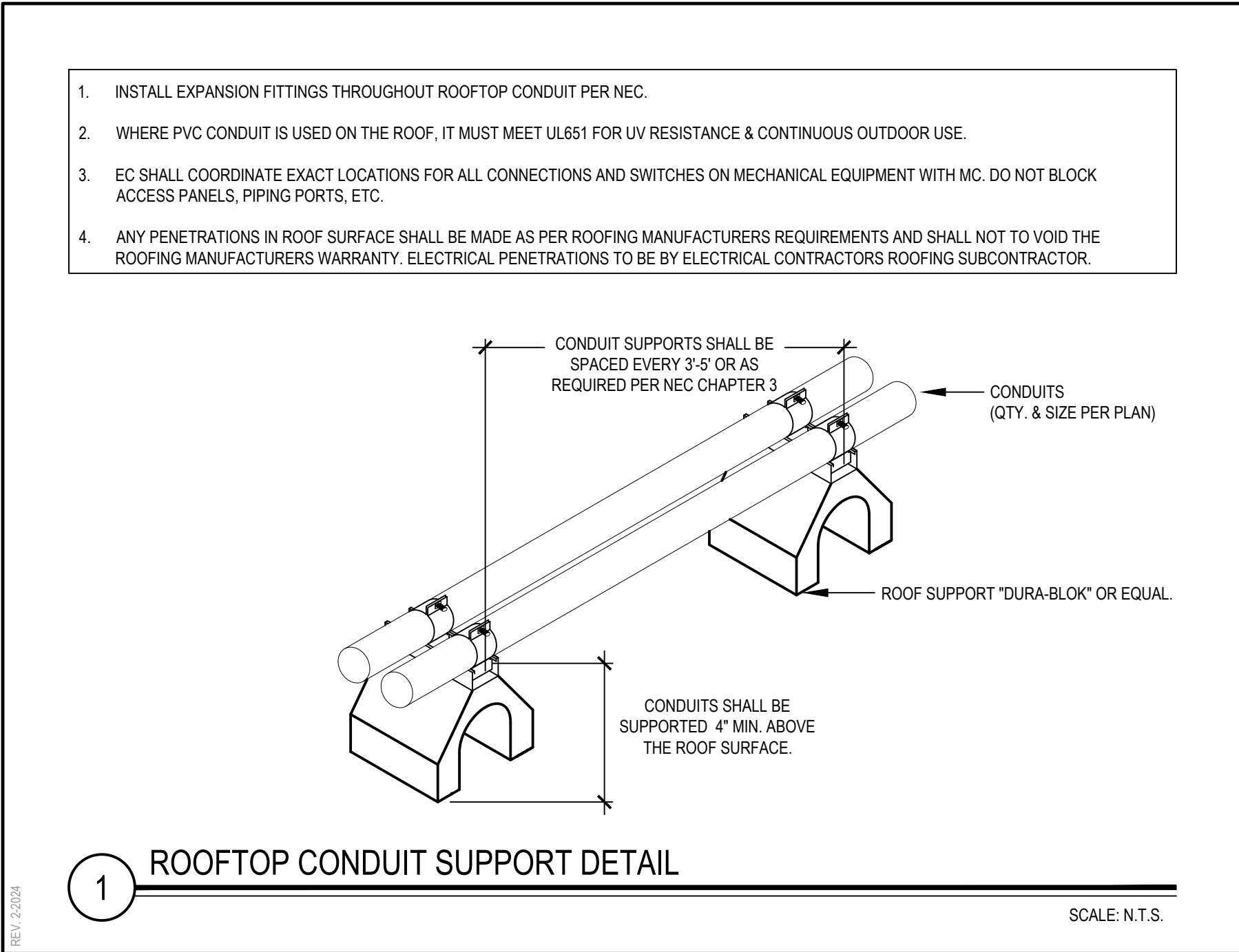
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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: PROPOSED SPECIAL SYSTEMS PLANS  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS





REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**DETAILS**

**PROJECT**

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**DWG TITLE**

DRAWING BY: RP  
CHECK BY: LW

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**SED No.** 66-01-02-06-0-007-013

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE** DETAILS

**SCALE:** AS NOTED

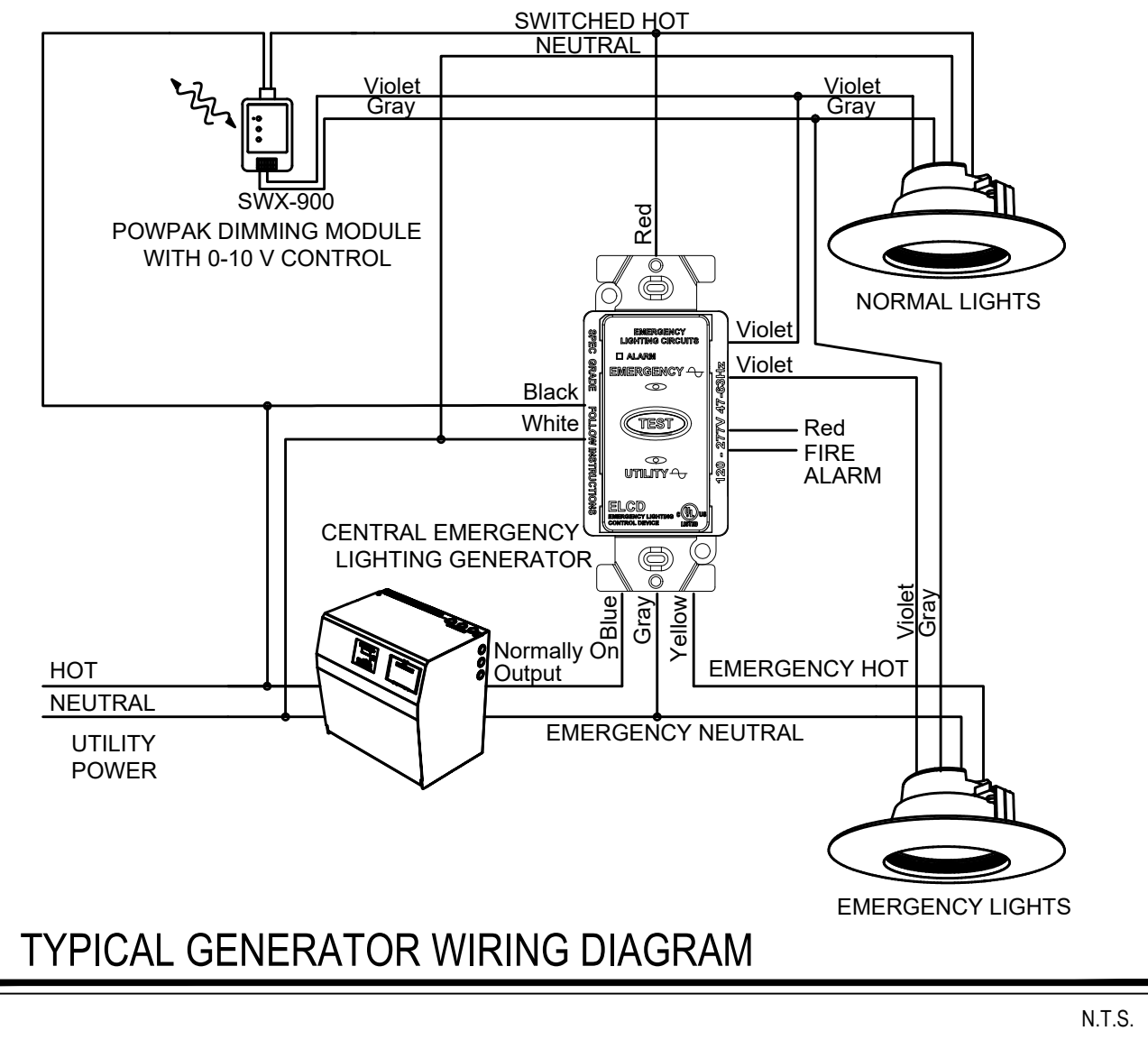
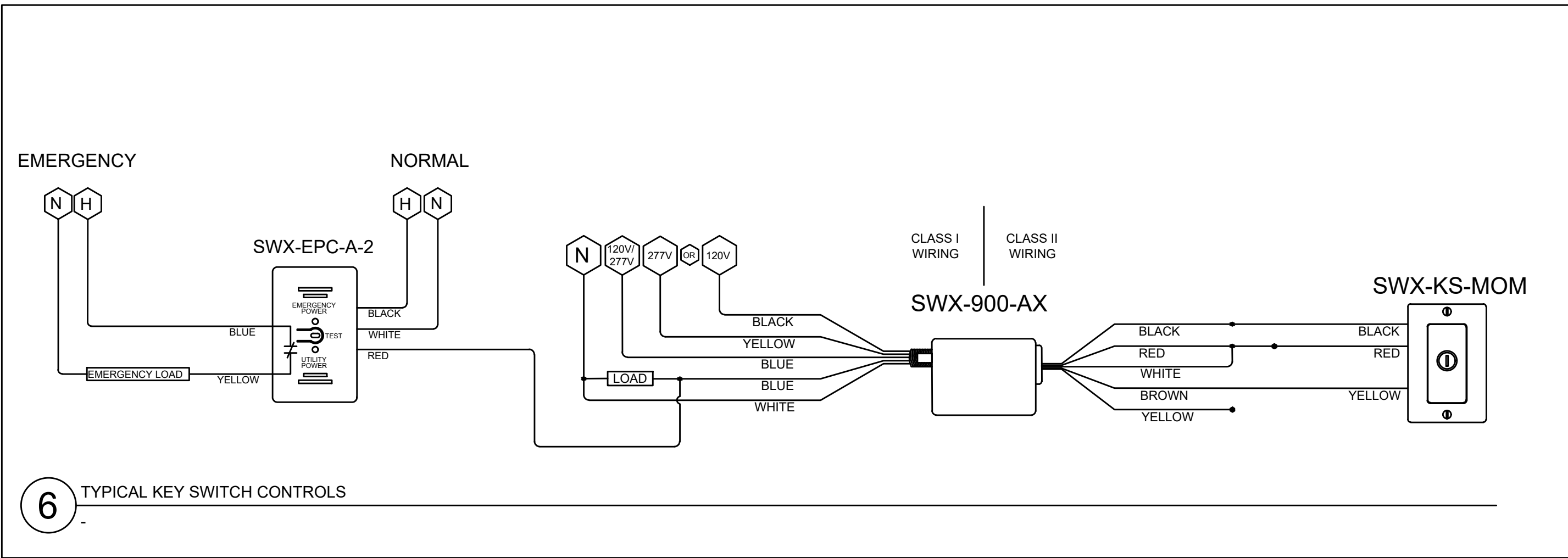
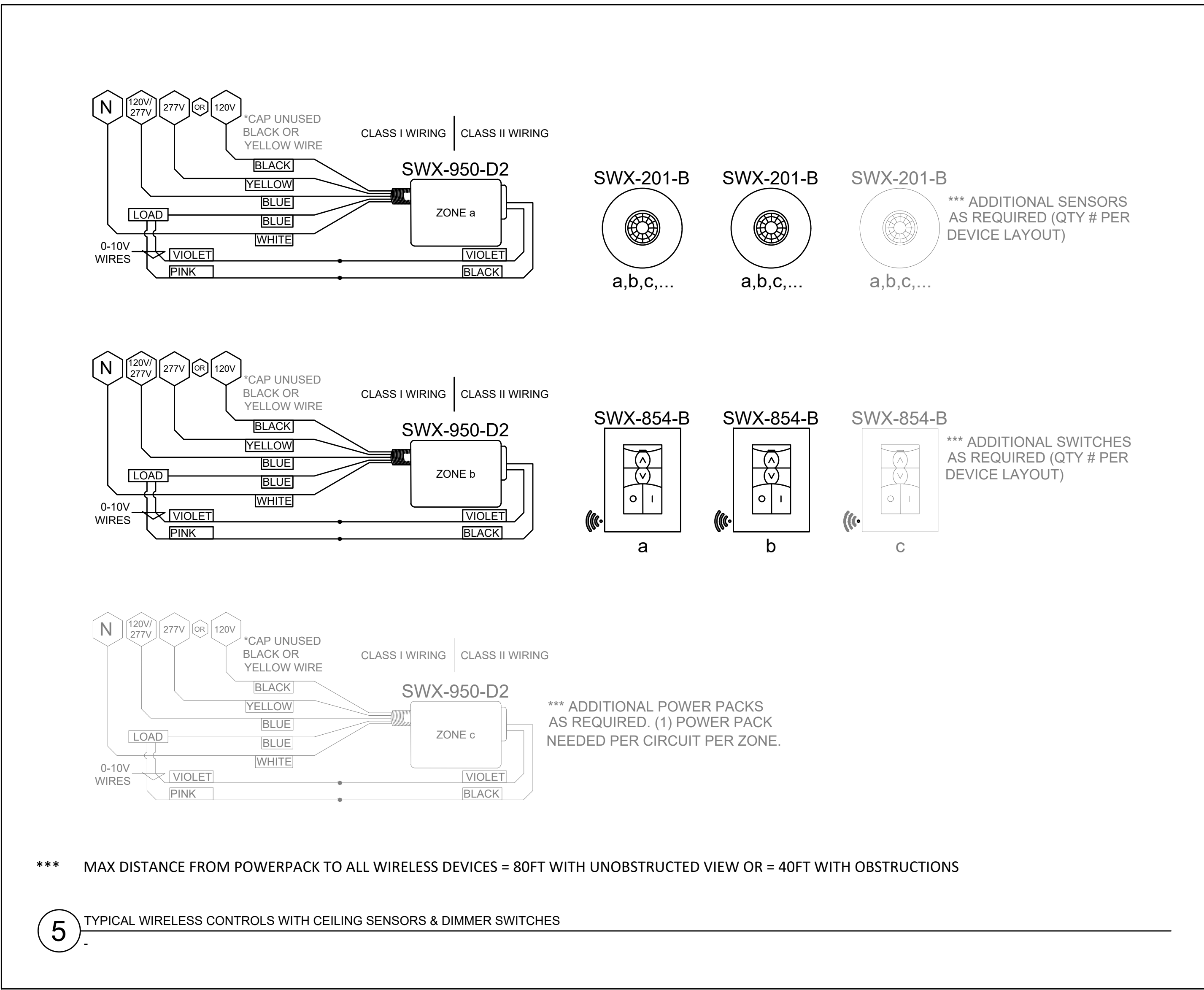
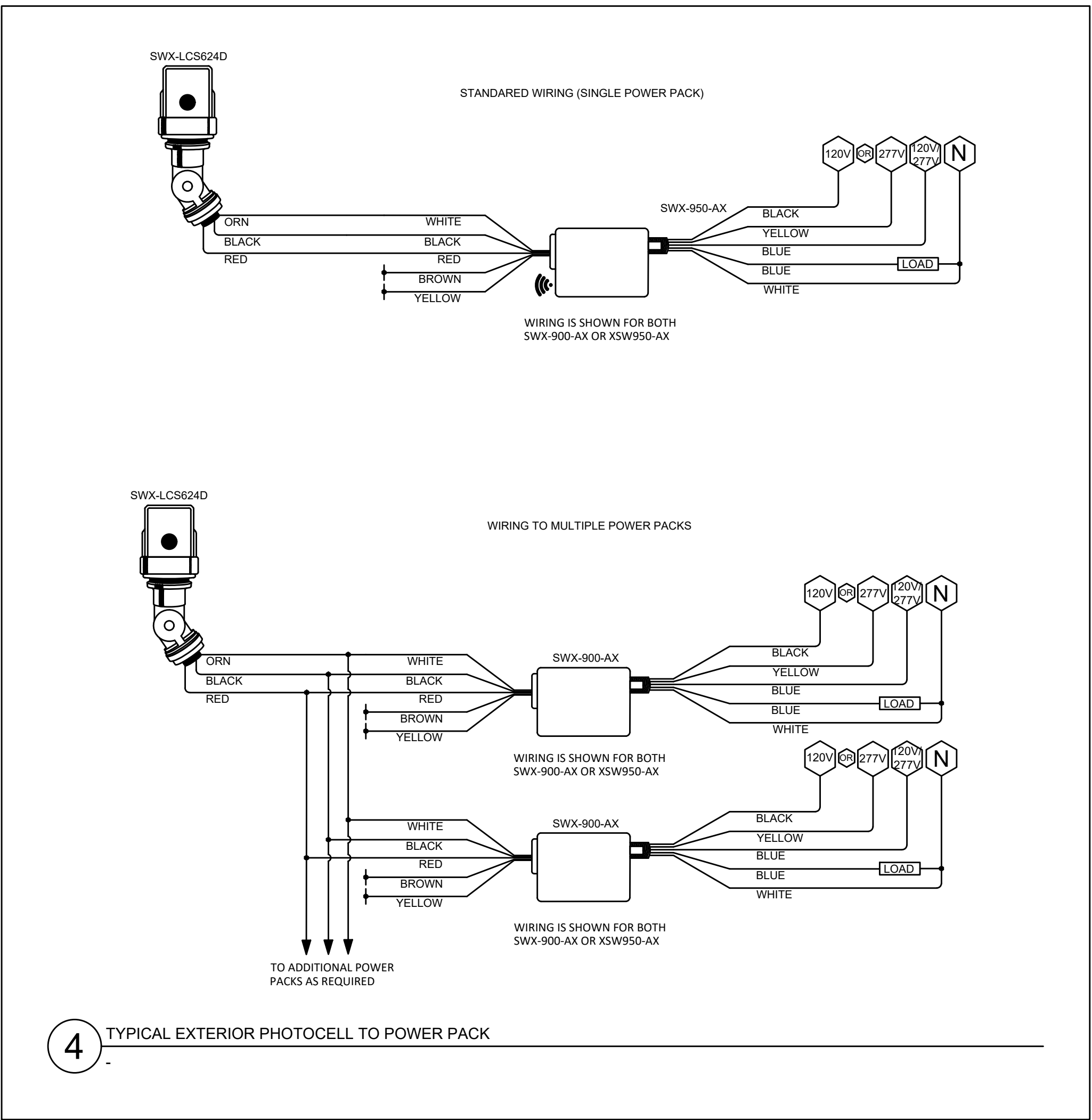
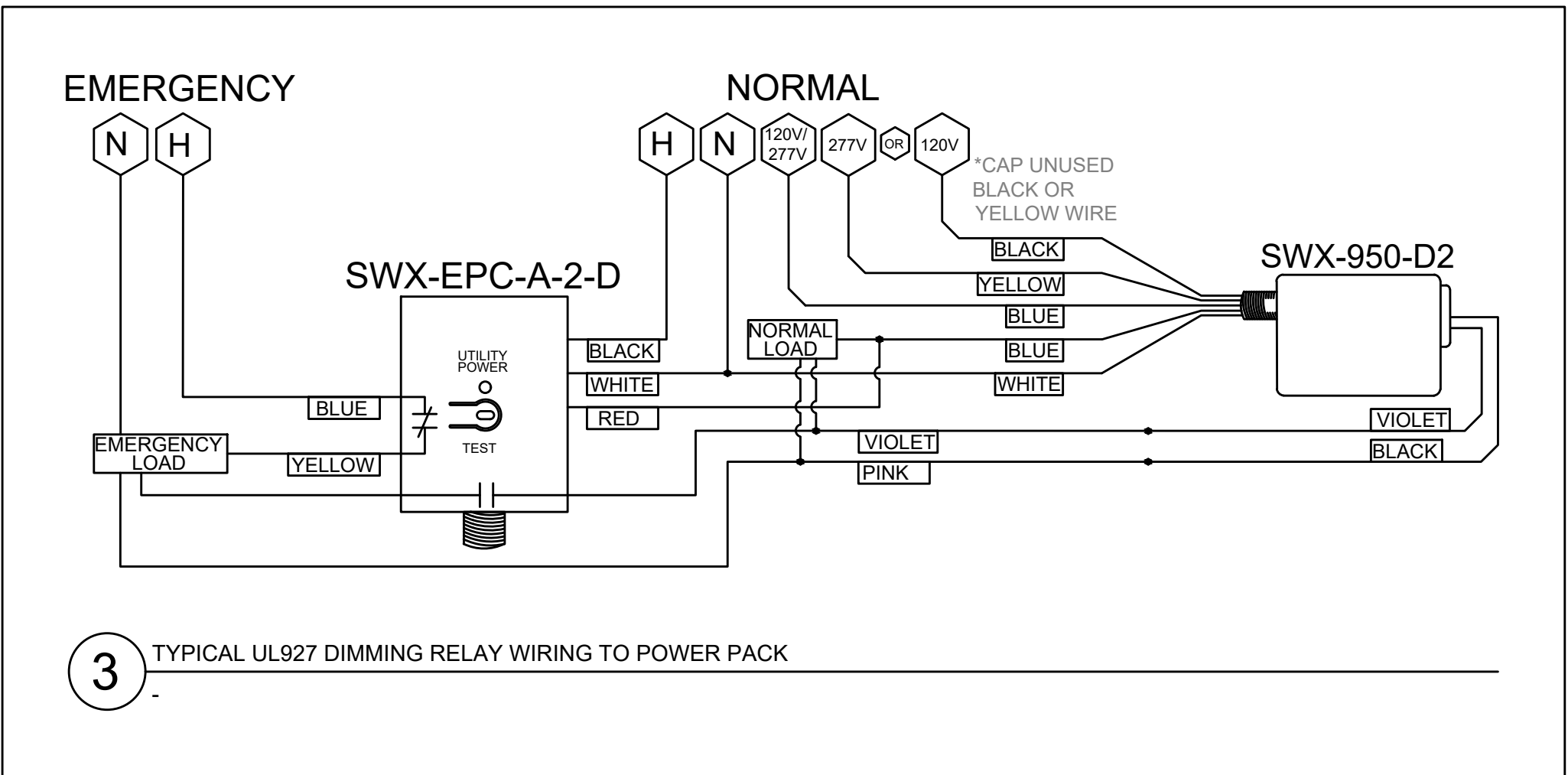
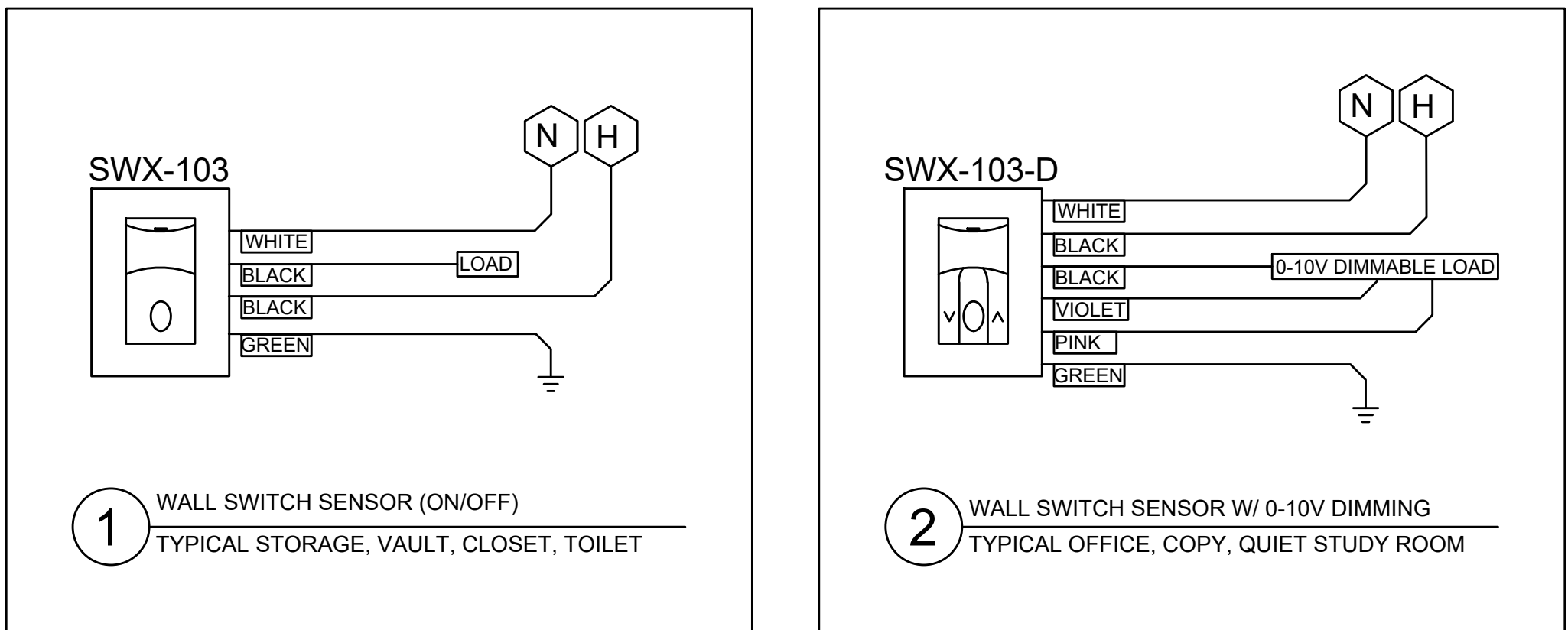
**DATE:** APRIL 2024

**BID PICK-UP:** FEBRUARY 24, 2025

**FILE No.** 23-1316 **FLMS**

**E7.01**





REV.	DATE	ITEM
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KEY PLAN		
NOT TO SCALE		
PROJECT		
BEDFORD CENTRAL SCHOOL DISTRICT PHASE 2 - BOND IMPROVEMENTS FOX LANE MIDDLE SCHOOL TOWN OF BEDFORD / WESTCHESTER COUNTY		
DWG TITLE		
DETAILS		
DRAWING BY: RP		
CHECK BY: LW		
NOTICE		
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DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT		
PROJECT: PHASE 2 - BOND IMPROVEMENTS		
DWG TITLE: DETAILS		
SCALE: AS NOTED		
DATE: APRIL 2024		
BID PICK-UP: FEBRUARY 24, 2025		
FILE No: 23-131b FLMs		
E7.02		



PANEL BOARD				NAME: PHM				LOCATION: BOILER ROOM			
TYPE: _____		BRANCH BREAKER TYPE: <u>BOLT ON</u>		NO. OF POLES: <u>42</u>		BUS SIZE (A): <u>225A</u>					
MIN AIC RATING (KA): <u>22K</u>		NEUTRAL: <u>225A</u>		MAIN CIRCUIT BREAKER: <u>225A 3P</u>							
MAIN LUGS: <u>4/0</u>		VOLTS: <u>277/480V</u>		PHASE: <u>3</u>		# WIRES: <u>4</u>					
ACCESSORIES:		MOUNTING: <u>SURFACE MOUNTED</u>		ENCL. TYPE: <u>1</u>		DOOR REQ'D: <u>DOOR-IN-DOOR</u>					
		SURGE PROTECTIVE DEVICE (SPD): <input type="checkbox"/>		SPD RATING(KA): <u>N/A</u>		SUB-FEED LUGS: <input type="checkbox"/>		FEED-THRU LUGS: <input type="checkbox"/>			
		SHUNT TRIP MAIN: <input type="checkbox"/>		ASCO SWITCH: <input type="checkbox"/>		ISOLATED GROUND: <input type="checkbox"/>					

CKT. #	DESIGNATION	WIRE SIZE	CKT. BRKR	LOAD			CKT. BRKR	WIRE SIZE	DESIGNATION	CKT. #
				A	B	C				
1	ACCU-1	8	50A				50A	8	CU-1	2
3										4
5										6
7	CU-2	12	25A				175A	2/0	NEW 112.5KVA TRANSFORMER	8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

\*PROVIDE NEW BREAKERS FOR ALL EXISTING LOADS MATCHING EXISTING BREAKER SIZE

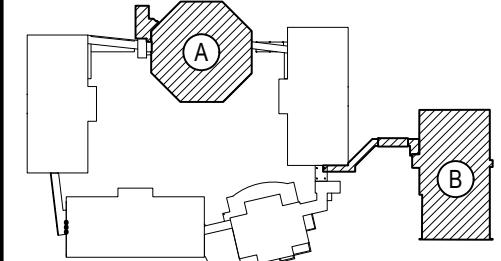
PANEL BOARD				NAME: <u>PLM</u>				LOCATION: <u>STORAGE 134</u>			
TYPE: _____		BRANCH BREAKER TYPE: <u>BOLT ON</u>		NO. OF POLES: <u>54</u>		BUS SIZE (A): <u>400A</u>					
MIN AIC RATING (KA): <u>22K</u>		NEUTRAL: <u>400A</u>		MAIN CIRCUIT BREAKER: <u>400A 3P</u>							
MAIN LUGS: <u>500KCMIL</u>		VOLTS: <u>120/208V</u>		PHASE: <u>3</u>		# WIRES: <u>4</u>					
MOUNTING: <u>SURFACE</u>		ENCL. TYPE: <u>1</u>		DOOR REQ'D: <u>DOOR IN-DOOR</u>							
ACCESSORIES:		SURGE PROTECTIVE DEVICE (SPD): <input type="checkbox"/>		SPD RATING(KA): <u>N/A</u>		SUB-FEED LUGS: <input type="checkbox"/>		FEED-THRU LUGS: <input type="checkbox"/>			
		SHUNT TRIP MAIN: <input type="checkbox"/>				ISOLATED GROUND: <input type="checkbox"/>					
CKT. #	DESIGNATION	WIRE SIZE	CKT. BRKR	LOAD			WIRE SIZE	CKT. BRKR	DESIGNATION	CKT. #	
				A	B	C					
1	EX-2	12	25A				25A	12	EX-2	2	
3	EX-3	12	25A				25A	12	EX-3	4	
5	EX-1	12	15A				20A	12	IDUs	6	
7	HYDRONIC CABINET HEATERS	12	20A							8	
9	HYDRONIC CABINET HEATERS	12	20A				20A	12	IDUs	10	
11	TACO PUMP	12	20A							12	
13							15A	12	AHU-1	14	
15										16	
17	ERV, OUTSIDE GFL, EXAM ROOM, OFFICE REC.	12	20A				20A	12	OFFICE, EXAM ROOM RECEPTACLES	18	
19	119, 133 RECEPTACLES	12	20A				20A	12	OFFICE RECEPTACLES	20	
21	HAND DRYER	12	20A				20A	12	KITCHEN REFRIGERATOR RECEPTACLE	22	
23	HAND DRYER	12	20A				20A	12	CONFERENCE & RECEPTION RECEPTACLES	24	
25	OFFICE RECEPTACLES	12	20A				20A	12	CONFERENCE, PRINT, COPY, RECEPTACLES	26	
27	OFFICE, CONFERENCE ROOM RECEPTACLES	12	20A				20A	12	RECEPTION, CONFERENCE RECEPTACLES	28	
29	OFFICE, CONFERENCE ROOM RECEPTACLES	12	20A				20A	12	MAIN OFFICE AND LOBBY RECEPTACLES	30	
31	SECURITY RECEPTACLES	12	20A				15A	12	AHU-2	32	
33	SECURITY RECEPTACLES	12	20A							34	
35	VESTIBULE RECEPTACLES	12	20A				20A	12	209/210 RECEPTACLES	36	
37	209/210 RECEPTACLES	12	20A				20A	12	209/210 RECEPTACLES	38	
39	209/210 RECEPTACLES	12	20A				20A	12	209/210 RECEPTACLES	40	
41	209/210 RECEPTACLES	12	20A				20A	12	209/210 RECEPTACLES	42	
43	NURSE'S OFFICE FRIDGE RECEPTACLE	12	20A				20A	12	209/210 RECEPTACLES	44	
45	FIRE SHUTTER	12	20A				20A	12	209/210 RECEPTACLES	46	
47	IDF QUAD	12	20A				20A	12	KITCHEN COUNTER RECEPTACLE	48	
49	124 RECEPTACLES AND WALLBOX	12	20A				225A	4/0	PANEL "PLT"	50	
51										52	
53										54	

\*PROVIDE NEW BREAKERS FOR ALL EXISTING LOADS MATCHING EXISTING BREAKER SIZE

PANEL BOARD				NAME: <u>PLT</u>				LOCATION: <u>STEAM/ROBOTICS 317</u>			
TYPE: _____		BRANCH BREAKER TYPE: <u>BOLT ON</u>		NO. OF POLES: <u>42</u>		BUS SIZE (A): <u>225A</u>					
MIN AIC RATING (KA): <u>22K</u>		NEUTRAL: <u>225A</u>		MAIN CIRCUIT BREAKER: <u>225A 3P</u>							
MAIN LUGS: <u>4/0</u>		VOLTS: <u>120/208V</u>		PHASE: <u>3</u>		# WIRES: <u>4</u>					
MOUNTING: <u>RECESSED</u>		ENCL. TYPE: <u>1</u>		DOOR REQ'D: <u>DOOR-IN-DOOR</u>							
ACCESSORIES:		SURGE PROTECTIVE DEVICE (SPD): <input type="checkbox"/>		SPD RATING(KA): <u>N/A</u>		SUB-FEED LUGS: <input type="checkbox"/>		FEED-THRU LUGS: <input type="checkbox"/>			
		SHUNT TRIP MAIN: <input type="checkbox"/>				ASCO SWITCH: <input type="checkbox"/>		ISOLATED GROUND: <input type="checkbox"/>			
CKT. #	DESIGNATION	WIRE SIZE	CKT. BRKR	LOAD			WIRE SIZE	DESIGNATION	CKT. #		
				A	B	C					
1	MAUV-2	12	15A				20A	12	318 CORD REELS	2	
3							20A	12	318 CORD REELS	4	
5	318 WINDOW WALLBOXES	12	20A				20A	12	318 CORD REELS	6	
7	317A, 317, 318 RECEPTACLES	12	20A				20A	12	317 CORD REELS	8	
9	317 LASER PRINTER WALLBOX	12	20A				20A	12	317 CORD REELS	10	
11	317 WALLBOXES	12	20A				20A	12	317 CORD REELS	12	
13	317 CORD REEL	12	20A				20A	12	316 CORD REELS	14	
15	316, 317, 317B RECEPTACLES	12	20A				20A	12	316 CORD REELS	16	
17	317 WALLBOXES	12	20A				20A	12	316 CORD REELS	18	
19	315 RECEPTACLE	12	20A				20A	12	315 RECEPTACLE	20	
21	315 RECEPTACLE	12	20A				20A	12	316, 318 SMARTBOARD WALLBOXES	22	
23	315 RECEPTACLE	12	20A				20A	12	315 CONTACTOR POWER	24	
25	316 RECEPTACLE AND WALLBOX	12	20A				20A	12	316 CONTACTOR POWER	26	
27	317 RECEPTACLE	12	20A				20A	12	317 CONTACTOR POWER	28	
29	317 RECEPTACLE	12	20A				20A	12	318 CONTACTOR POWER	30	
31	317 RECEPTACLE	12	20A				20A	12	316 CORD REEL	32	
33	MAINTENANCE RECEPTACLES	10	20A				20A	12	316 CORD REEL	34	
35										36	
37										38	
39										40	
41										42	

REV.	DATE	ITEM

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KEY PLAN  
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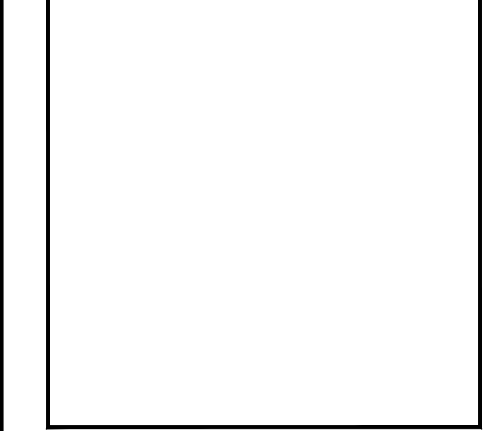
PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
PANEL SCHEDULES

DRAWING BY: RP  
CHECK BY: LW

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SED No: 66-01-02-06-0-007-013  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: PANEL SCHEDULES  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131b FLMS



GENERAL NOTES

1. IT IS STRONGLY RECOMMENDED BY THE ARCHITECT / ENGINEER THAT THE CONTRACTOR VISIT THE SITE AND VERIFY IN THE FIELD ALL EXISTING CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR NO MATTER WHAT TRADE, TO REVIEW THE ENTIRE BID PACKAGE CONSISTING OF ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR(S) WILL BE HELD ACCOUNTABLE FOR ALL MATERIALS IN THE BID PACKAGE NO MATTER WHERE IT IS LOCATED IN THE DOCUMENTATION.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS, COMPONENTS, MEASUREMENTS, DISCREPANCIES AND ANY OTHER ITEMS THAT WILL IMPEDE THE PROGRESS OF OR INCREASE THE COSTS TO THE CURRENT WORK SCOPE. IF ANY OF THESE ITEMS EXIST THE CONTRACTOR SHALL REFER TO GENERAL NOTE No. 4.
4. ALL QUESTIONS, DISCREPANCIES AND REQUESTS FOR INFORMATION MUST BE SUBMITTED IN WRITTEN FORM TO THE ATTENTION OF THE ARCHITECT OR ENGINEER. THE CONTRACTOR SHALL FOLLOW THE FORMAT OUTLINED IN THE PROJECT MANUAL, DIVISION 1, GENERAL REQUIREMENTS, SPECIFICATION SECTION - 012800, CONSTRUCTION PHASE. CLARIFICATIONS, REQUESTS FOR INFORMATION FROM ARCHITECT'S OFFICE.
5. IF NO QUESTIONS ARE RAISED ON A PARTICULAR ITEM IN QUESTION DURING THE BIDDING PROCESS, IT WILL BE THE UNDERSTANDING OF THE OWNER, CONSTRUCTION MANAGER, ARCHITECT, ENGINEER AND CONTRACTOR(S), THAT THE CONTRACTOR HAS VISITED THE SITE IN CONJUNCTION WITH REVIEWING THE CONTRACT DOCUMENTS (ALL CONSTRUCTION DRAWINGS AND THE PROJECT MANUAL) AND UNDERSTANDS THE ARCHITECT/ENGINEER'S INTENTIONS. IF A QUESTION IS RAISED AFTER THE BIDDING PHASE, THE CONTRACTOR WILL BE HELD TO THE ARCHITECT OR ENGINEER'S INTERPRETATION OF ANY AND ALL COSTS ASSOCIATED WILL BE SOLELY ON THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ACCEPTED OR PASSED ONTO THE OWNER.
6. THE CONTRACTOR SHALL PROTECT THE AREA OF WORK FROM ANY INCLEMENT WEATHER THAT MAY OCCUR DURING THE WORK DAY AND AFTER DAILY OPERATIONS. THIS PROTECTION SHALL BE IN PLACE THROUGHOUT THE DURATION OF THE PROJECT, AS OUTLINED IN SPECIFICATION SECTION 013300.
7. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED, AND PROTECTED, AS OUTLINED IN SPECIFICATION SECTION 013300 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS, COMMISSIONERS REGULATIONS, SECTION 155.5.
8. ALL CONTRACTORS SHALL SUBMIT SAMPLES TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO THE COMMENCEMENT OF WORK. ALL SUBMITTALS SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SPECIFICATION SECTION 013300 - SUBMISSIONS.
9. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION TO THE DISTRICT ADMINISTRATION OPERATIONS AND SHALL COMPLY WITH THE PROCEDURES OUTLINED IN THE PROJECT MANUAL - DIVISION 1 - GENERAL REQUIREMENTS - SECTION 013300 - SPECIAL PROCEDURES AND PROVISIONS, AND SECTION 013300 - COMMISSIONERS REGULATIONS, (PART 155.5) AND SAFETY STANDARDS.
10. ALL EXISTING VENTILATION DIFFUSERS AND GRILLS SHALL BE COVERED AND PROTECTED AGAINST ANY FOREIGN MATTER ENTERING THE SYSTEMS DURING CONSTRUCTION. THE CONTRACTOR MUST ALSO MAINTAIN ADEQUATE VENTILATION THROUGHOUT THE PROJECT, AS STATED IN THE REGULATIONS OF THE COMMISSIONER OF EDUCATION PART 155 (NYCRR 155), AS OUTLINED IN SPECIFICATION SECTION - 013300.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINANTS TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES, AS OUTLINED IN SPECIFICATION SECTION 013300 - UNIFORMED SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS, COMMISSIONERS REGULATIONS, SECTION 155.5.
12. ALL WORK AND MATERIALS OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE REPAIRS AND REPLACEMENTS NECESSARY TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL ENFORCE UPON STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTORS' EMPLOYEES AND OTHER PERSONS CARRYING OUT THE CONTRACT. THE CONTRACTORS SHALL NOT PERMIT EMPLOYMENT OF UNFIT PERSONS OR PERSONS NOT SKILLED IN THE TASK ASSIGNED TO THEM. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
14. ALL WORKERS WILL BE REQUIRED TO WEAR A PHOTO-IDENTIFICATION BADGE FOR WORKERS IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES. ALL IN ACCORDANCE WITH PROJECT MANUAL SECTION - CONDITIONS OF THE CONTRACT.
15. ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATIONS ARE TO BE COORDINATED WITH SCHOOL DISTRICT OFFICIALS. OFF-SITE DISPOSAL SHALL BE PERFORMED ON A REGULAR BASIS. CONTRACTORS SHALL RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
16. ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHOULD BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT/ENGINEER AND OWNER.

GENERAL RACEWAY NOTES

1. QUANTITIES OF MATERIAL AS REQUIRED.
2. ELECTRICAL CONTRACTOR SHALL ROUTE ALL SURFACE RACEWAY AROUND ALL OBSTRUCTIONS.
3. ELECTRICAL CONTRACTOR WILL PROVIDE AND INSTALL ANY OTHER FITTINGS THAT WERE NOT MENTIONED IN ORDER TO PROVIDE A COMPLETE SYSTEM.
4. ELECTRICAL CONTRACTOR MUST MECHANICALLY ANCHOR ALL SURFACE MOUNT RACEWAY WITH ADEQUATE ANCHORS.
5. ELECTRICAL CONTRACTOR MUST SECURE INCOMING MC CABLE TO END FITTING OF SURFACE RACEWAY WITH APPROPRIATE CONNECTORS.
6. WHEREVER SPECIFIED SURFACE RACEWAY IS UNABLE TO BE INSTALLED DUE TO SIZE LIMITATION THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ARCHITECT/ENGINEER SPECIFIED ALTERNATE SURFACE RACEWAY.
7. FINAL COLOR FOR ALL MATERIALS SHALL BE DETERMINED BY ARCHITECT/ENGINEER.
8. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CAT-6 CABLE WITHIN SURFACE RACEWAY.
9. ELECTRICAL CONTRACTOR SHALL REFER TO "E" AND "E3.X" SERIES DRAWINGS FOR COORDINATION OF INSTALLATION.
10. ELECTRICAL CONTRACTOR SHALL INSTALL DIVIDER WALL (WHERE APPLICABLE) CONTINUOUSLY THROUGHOUT SURFACE RACEWAY AND ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR A POWER AND DATA INSTALLATION.
11. THE ELECTRICAL CONTRACTOR SHALL CONFIRM RACEWAY HEIGHT BEFORE INSTALLATION. THE FINAL HEIGHT SHALL BE DETERMINED BY CASEWORK, DESK, WORK SURFACE HEIGHT AND OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION OF SURFACE RACEWAY.
12. MAINTAIN APPROPRIATE SEPARATION OF LINE VOLTAGE AND LOW VOLTAGE CABLE.
13. QUANTITY OF DROPS AS PER FLOOR PLANS.
14. CABLES BACK FED OR RACEWAY FED AS REQUIRED.

CAT 6 / CAT 6A NOTES

1. ALL 4-PAIR UTP HORIZONTAL STATION PLENUM RATED CABLES FOR VOICE / DATA SERVICES SHALL BE HOMERUN TO THE NEAREST COMMUNICATIONS ROOM, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR WORKSTATIONS, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. COMMUNICATIONS CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE NEAREST COMMUNICATIONS ROOM.
3. REFER TO THE REFLECTED CEILING PLANS AND MECHANICAL PLANS TO COORDINATE PATHWAYS IN THE CEILINGS WITH LIGHT FIXTURES AND MECHANICAL DUCT WORK.
4. ALL 4-PAIR UTP HORIZONTAL STATION NETWORK DATA CABLES SHALL LAND SEQUENTIALLY BY THEIR OUTLET ID, ON THE 48-PORT PATCH PANELS, IN THE RACKS AND CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
6. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
7. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT AND ELECTRICAL WIRING.
8. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
9. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
10. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
11. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY FIVE (5) FEET OF CENTER AND BUNDLES MUST BE HOOK AND LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
12. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
13. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
14. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR VOICE AND DATA SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. HOOK & LOOP CABLES AND CUT TO LENGTH AT TERMINATION POINTS.
15. WHEN INSTALLING ENHANCED CATEGORY 6 UTP CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 4 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 4-PAIR CABLE, THIS IS APPROXIMATELY ONE INCH.)
16. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS AND/OR SPECIFICATIONS.
17. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
18. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
19. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
20. PROVIDE A MINIMUM OF SIX (6) FEET OF SLACK WITH A 12 INCH DIAMETER COIL AT THE STATION END FOR WORKSTATION LOCATIONS. NEATLY COIL AND CONCEAL SLACK ABOVE THE HUNG CEILING AND PROTECT FROM DAMAGE BY WORKMEN PRIOR TO EXTENDING CABLE AND INSTALLING TO VORCE/ DATA WORKSTATION OUTLET.
21. ALL VOICE / DATA UTP STATION CABLES SHALL BE HOMERUN BACK TO THE MAIN OR IDF COMMUNICATIONS ROOM AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS. REFER TO DETAILS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
22. ALL ABANDONED / NON USED CABLES TO BE REMOVED FROM PLENUM SPACES BACK TO THEIR POINT OF ORIGIN.
23. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
24. E.C. SHALL ROUTE CABLES IN THE BEST, SHORTEST ROUTE POSSIBLE TO THE NEAREST WIRE CLOSET.
25. E.C. SHALL REMOVE AND REINSTALL CEILING TILES AS REQUIRED TO ACCOMMODATE CABLE INSTALLATIONS.
26. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

PROPOSED KEY NOTES

1. LOCATION OF EXISTING NETWORK CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
2. EXISTING WIRELESS ACCESS POINT TO REMAIN. E.C. SHALL PROTECT ALL EQUIPMENT AND CABLE DURING CONSTRUCTION.
3. E.C. SHALL REMOVE AND REINSTALL EXISTING WIRELESS ACCESS POINT. E.C. SHALL INSTALL NEW CAT 6A CABLING. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
4. E.C. SHALL FURNISH AND INSTALL NEW CARD READER AT 44" A.F.F. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
5. E.C. SHALL FURNISH AND INSTALL NEW CEILING MOUNTED SECURITY CAMERA. FINAL LOCATION AND FIELD OF VIEW TO BE COORDINATED WITH OWNER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
6. E.C. SHALL FURNISH AND INSTALL EXTERIOR SECURITY CAMERA AT 10 FEET ABOVE GRADE. FINAL LOCATION AND FIELD OF VIEW TO BE COORDINATED WITH OWNER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
7. E.C. SHALL FURNISH AND INSTALL VIDEO INTERCOM AT 44" A.F.F. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
8. E.C. SHALL FURNISH AND INSTALL WALL MOUNT TELEPHONE BRACKET AT 44" A.F.F. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
9. E.C. SHALL FURNISH AND INSTALL DATA WALL BOX AT 18" A.F.F. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
10. E.C. SHALL FURNISH AND INSTALL DATA RACEWAY AT 18" A.F.F. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
11. E.C. SHALL FURNISH AND INSTALL DATA WALL BOX AT COUNTER HEIGHT. REFER TO DETAILS AND CASEWORK DRAWINGS FOR ADDITIONAL INFORMATION.
12. E.C. SHALL FURNISH AND INSTALL DATA RACEWAY AT COUNTER HEIGHT. REFER TO DETAILS AND CASEWORK DRAWINGS FOR ADDITIONAL INFORMATION.

FIBER OPTIC CABLE NOTES

1. ALL LASER OPTIMIZED 50 MICRON OM3 MULTIMODE FIBER PLENUM RATED CABLES FOR CLOSET BACKBONE CONNECTIONS SHALL BE A HOMERUN TO THE NETWORK OPERATIONS CENTER (N.O.C.) ROOM OR MDF, AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS.
2. REFERENCING THE CABLE PATHS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS, FOR FIBER BACKBONES ON THIS FLOOR, ROUTE THE COMMUNICATIONS CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. FIBER CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE N.O.C. ROOM OR MDF.
3. ALL FIBER BACKBONE CABLES SHALL LAND SEQUENTIALLY BY STRAND, ON THE FIBER BULK HEADS WITHIN THE FIBER PANELS, IN THE RACKS / CABINETS LOCATED IN THE COMMUNICATIONS ROOMS AS INDICATED ON THE TECHNOLOGY FLOOR PLANS.
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
5. ELECTRICAL CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. ELECTRICAL CONTRACTOR TO COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
6. DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT.
7. FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
8. PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
9. FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
10. CABLES MUST BE SUPPORTED AT A MINIMUM EVERY SIX (6) FEET AND BUNDLES MUST BE HOOK & LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
11. ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
12. ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
13. ELECTRICAL CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR FIBER CABLES SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. ALL FIBER CABLES TO BE INSTALLED WITHIN THE FAN TRAY OF THE FIBER PANEL UTILIZING THE APPROPRIATE BEND RADIUS AT TERMINATION POINTS.
14. WHEN INSTALLING FIBER CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 10 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 12-STRAND CABLE, THIS IS APPROXIMATELY TWO INCHES.)
15. ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON DRAWINGS AND/OR SPECIFICATIONS.
16. PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
17. THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
18. QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
19. PROVIDE A MINIMUM OF SEVEN (7) FEET OF SLACK AT BOTH THE COMMUNICATIONS ROOM END AND THE N.O.C. ROOM OR MDF. NEATLY COIL SLACK AND ATTACH TO THE RACK/CABINET USING HOOK AND LOOP.
20. ALL FIBER OPTIC CABLE TO BE HOMERUN BACK TO THE N.O.C. ROOM OR MDF AS INDICATED. REFER TO DETAIL PLANS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
21. ALL ABANDONED/NON USED CABLES TO BE REMOVED FROM THE PLENUM SPACES BACK TO THE POINT OF ORIGIN.
22. ALL NEW NETWORK EQUIPMENT SHALL BE GROUNDED AND BONDED AS PER CODE.
23. E.C. SHALL FURNISH AND INSTALL ALL NECESSARY COMPONENTS TO FORM A COMPLETE SYSTEM EVEN IF THE COMPONENTS ARE NOT LISTED. REFER TO SPEC SECTION 271501 FOR ADDITIONAL INFORMATION.

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
	KEYED NOTE
	ROOM TAG
	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
	LOCATION OF NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING SINGLE DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING MULTI DATA DROP. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING WIRELESS ACCESS POINT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING PROJECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DROP DOWN PROJECTION SCREEN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER POKE THROUGH. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF DATA/POWER RACEWAY. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW CATV STATION. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW RECESSED DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER WALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER FLOOR BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	INDICATES DATA DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	INDICATES VOICE DROP ID NUMBER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW DATA/POWER POLE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	REVISION CLOUD AND KEYED DESIGNATION.

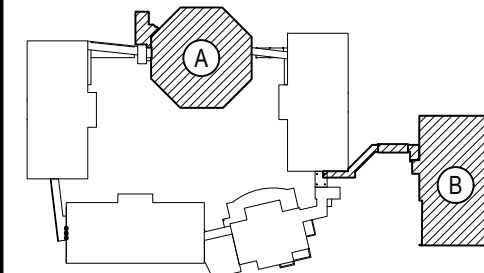
SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
	KEYED NOTE
	ROOM TAG
	DETAIL TAG DETAIL NUMBER DRAWING NUMBER
	LOCATION OF EXISTING INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING EXTERIOR CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW INTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW EXTERIOR SECURITY CAMERA. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SECURITY PANIC BUTTON. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING ACCESS CONTROL CARD READER. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW REQUEST FOR EXIT SENSOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM CALL BOX. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ACCESS CONTROL DOOR CONTACT. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW ELECTRONIC DOOR STRIKE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW MOTION DETECTOR. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW VIDEO INTERCOM STATION PHONE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SECURITY HORN. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF NEW SECURITY STROBE. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	LOCATION OF EXISTING NEW LOCAL WIRE CLOSET. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
	REVISION CLOUD AND KEYED DESIGNATION.

REV.	DATE	ITEM

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT EXISTING AS ARCHITECT/ENGINEER'S INFORMATION. ENGINEERS, PC AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAIL PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT

DRAWING BY: ---  
CHECK BY: ---

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DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: GENERAL NOTES, LEGENDS and ABBREVIATIONS

SCALE: AS NOTED

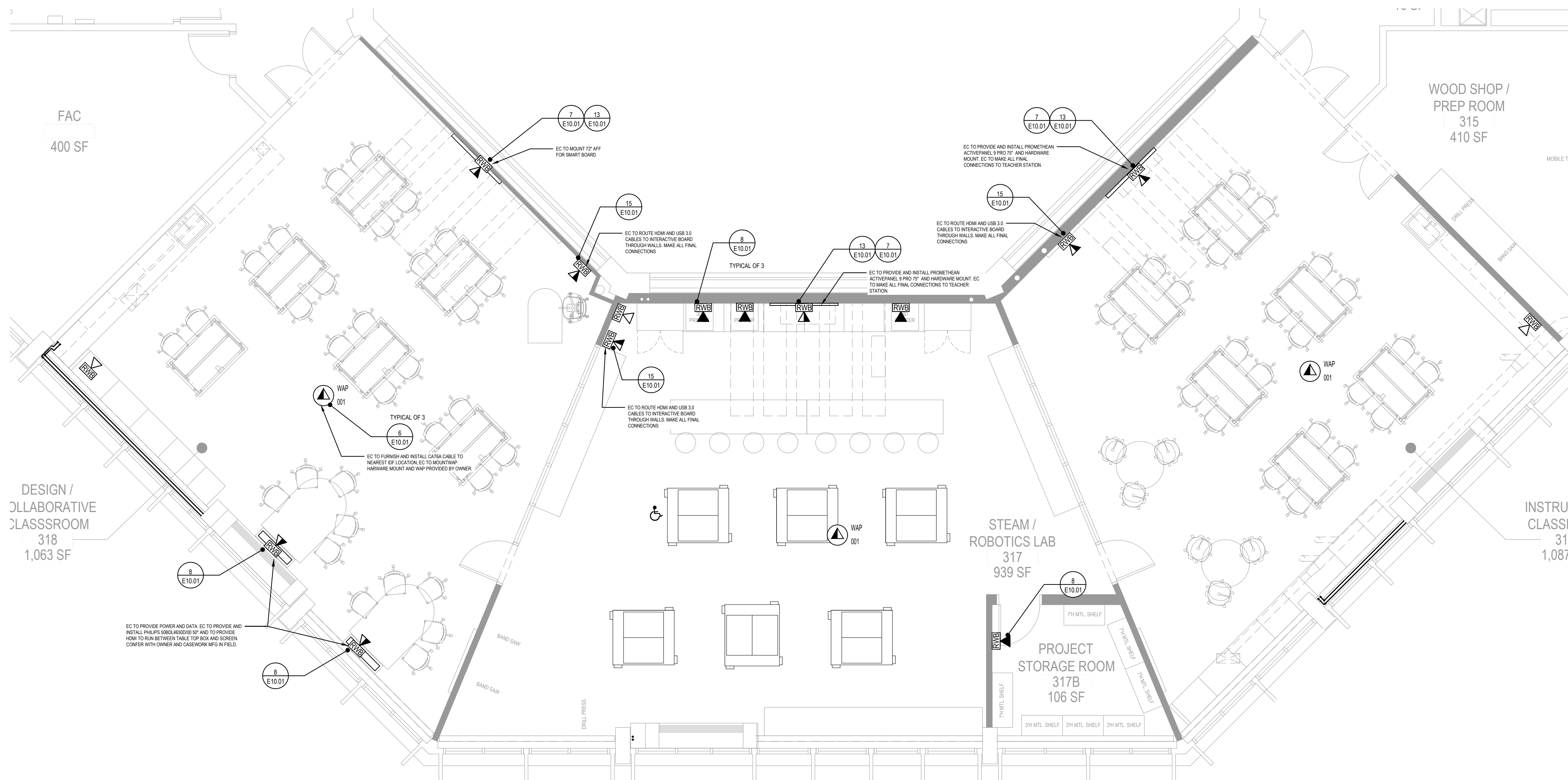
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FILE No: 23-1316 FLMS

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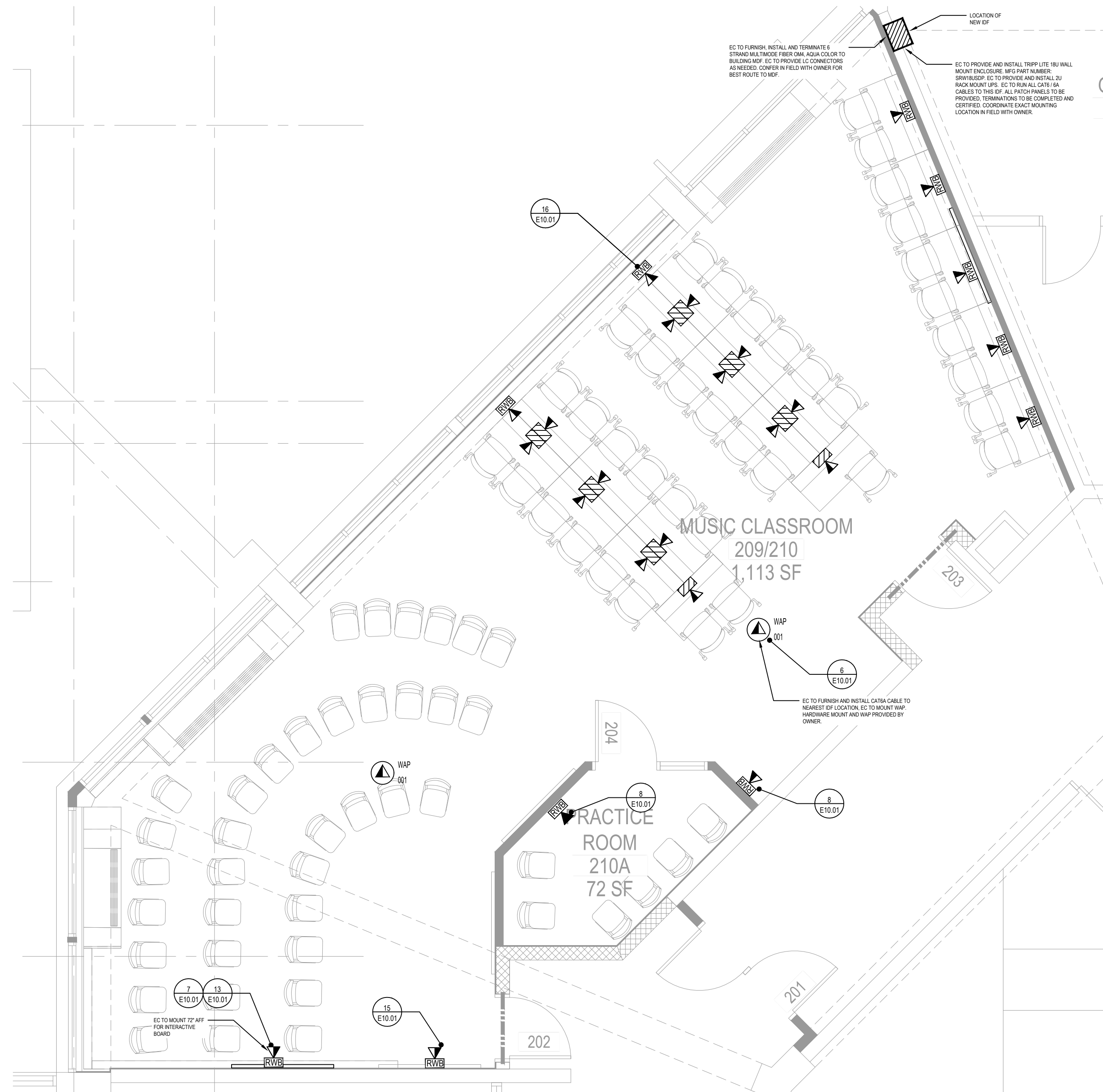




THIRD FLOOR TECHNOLOGY PLAN - STEAM / ROBOTICS LAB

NOTE:

SCALE: 3/16" = 1'-0"



SECOND FLOOR TECHNOLOGY PLAN - MUSIC ROOM

NOTE:

SCALE: 1/4" = 1'-0"

DRAWING NOTES

1. BASIS OF SECURITY SYSTEM DESIGN:

DIGITAL PROVISIONS  
3385-E VETERANS MEMORIAL HWY.  
ROCKY HILL, CT 06381  
CONTACT: MR. BRIAN MCCABE  
PHONE: 631-209-2600 EXT 14  
EMAIL: BMCCABE@DIGITALPROVISIONS.COM

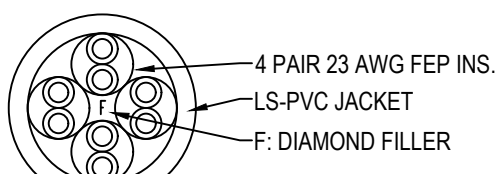
2. BASIS OF VIDEO SYSTEM DESIGN:

ADVANCE SOUND COMPANY  
157 ROME STREET  
FARMINGDALE, NY 11735  
CONTACT: MR. THOMAS DEPACE  
PHONE NUMBER: 631-467-0973  
EMAIL: TDEPACE@ADVANCESOUND.COM

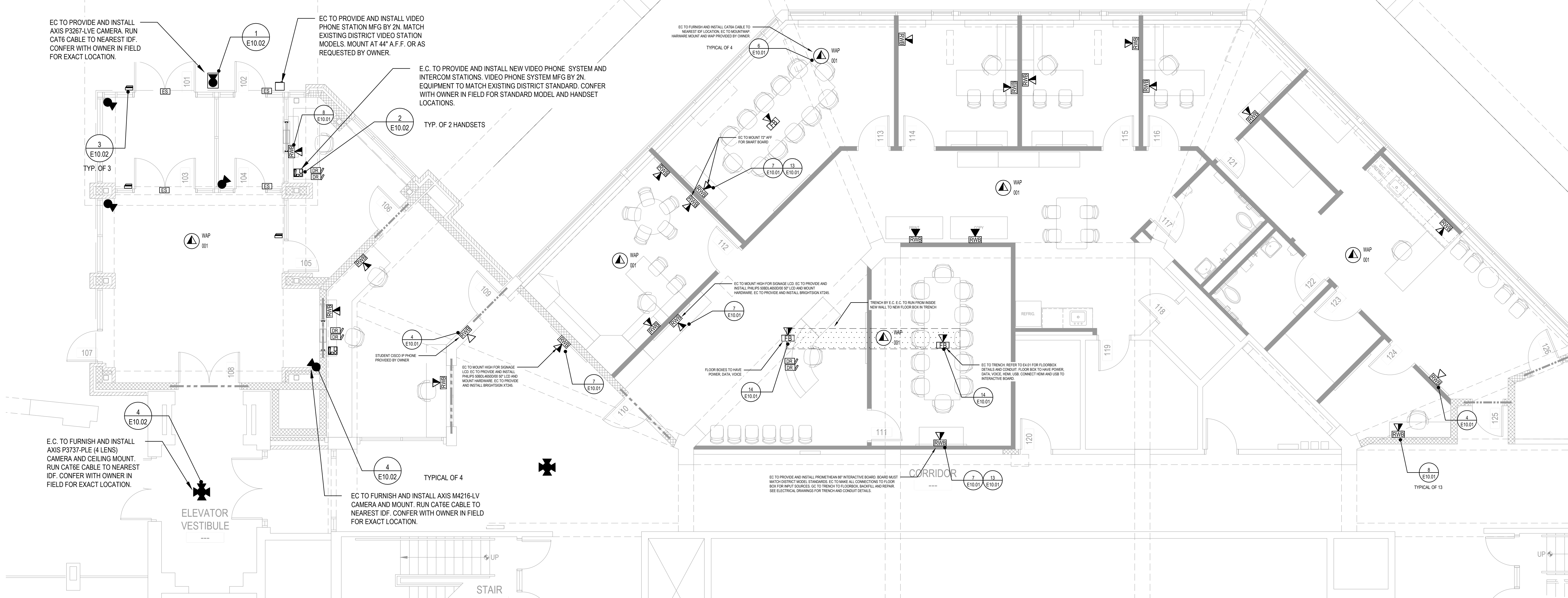
CAT6 NOTES

1. MOHAWK COPPER CABLE DETAIL DISTRICT COLOR STANDARD TO BE USED:

M57414 CAT 6E CABLE BLUE FOR DATA/VOICE LOCATIONS



DATA DROP LABELING AS FOLLOWS:  
EX: RMB-01



FIRST FLOOR TECHNOLOGY PLAN - MAIN OFFICE & ADDITION

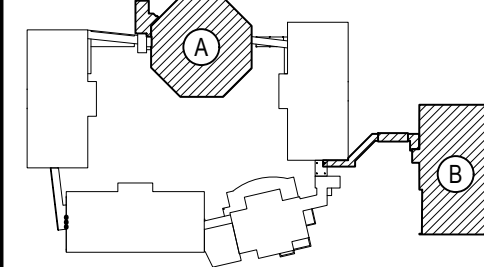
NOTE:

SCALE: 3/16" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
TECHNOLOGY  
DATA & SECURITY PLAN

DRAWING BY:

GUL

CHECK BY:

---

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F: 631-475-0361

100 GREAT OAKS BLVD.  
SUITE 115, ALBANY  
NEW YORK 12203  
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F: 518-621-7655

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SED No:

66-01-02-06-0-007-013

DISTRICT

BEDFORD CENTRAL  
SCHOOL DISTRICT

PROJECT

PHASE 2 -  
BOND IMPROVEMENTS

DWG TITLE

TECHNOLOGY  
DATA & SECURITY PLAN

SCALE:

AS NOTED

DATE:

APRIL 2024

BID PICK-UP:

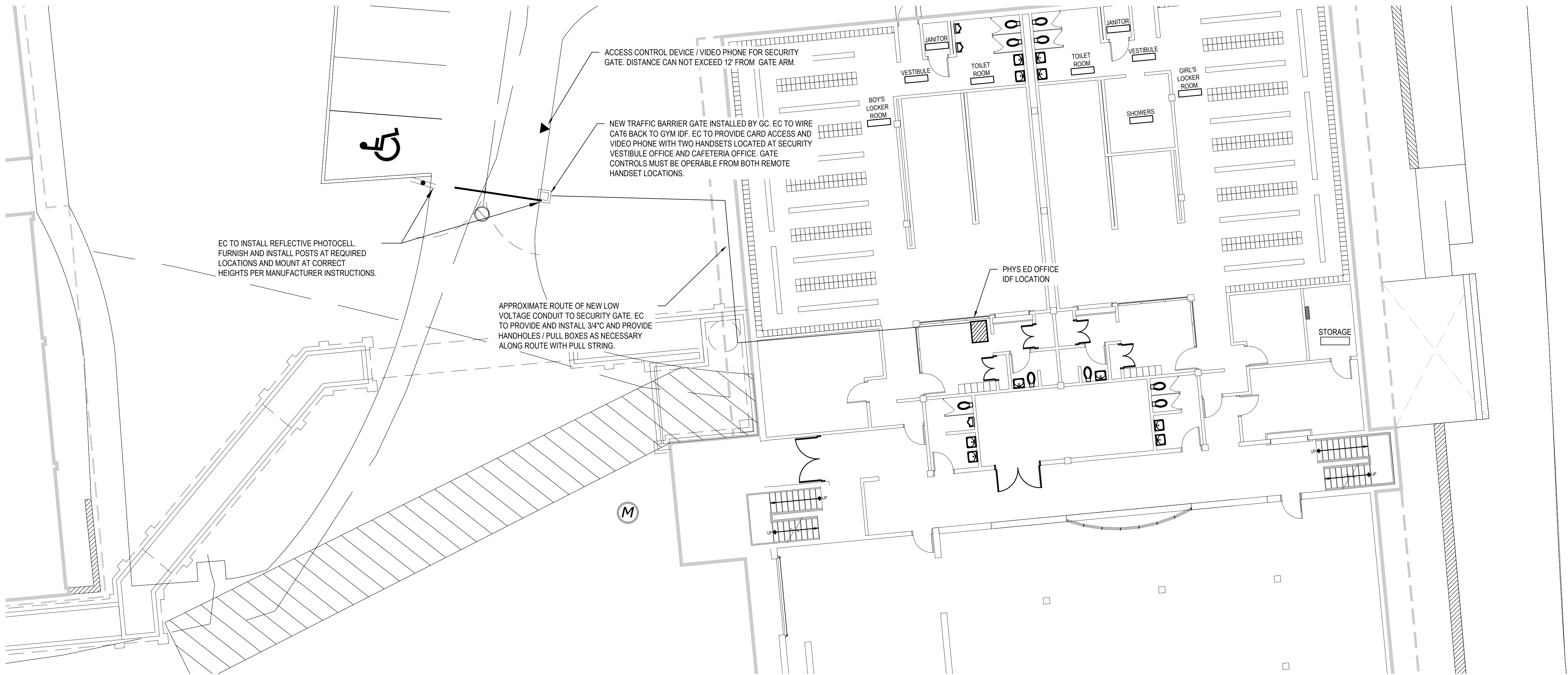
FEBRUARY 24, 2025

FILE No:

23-1316 FLMS

E9.01





TECHNOLOGY PLAN - SECURITY GATE

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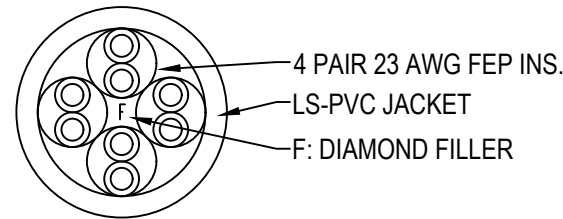
DRAWING NOTES

1. BASIS OF SECURITY SYSTEM DESIGN:  
DIGITAL PROVISIONS  
3385-E VETERANS MEMORIAL HWY.  
ROCKONKOMA, NY 11779  
CONTACT: MR. BRIAN MCCABE  
PHONE: 631-209-2600 EXT 14  
EMAIL: BMCCABE@DIGITALPROVISIONS.COM

CAT6 NOTES

1. MOHAWK COPPER CABLE DETAIL DISTRICT COLOR STANDARD TO BE USED:

M57414 CAT 6E CABLE BLUE FOR DATA / VOICE LOCATIONS



DATA DROP LABELING AS FOLLOWS:  
EX: RM# - 01

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
TECHNOLOGY PLAN  
SECURITY GATE

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F: 631.475.0361

187 WOLF ROAD, STE. 205  
ALBANY, NY 12205  
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SED No.  
66-01-02-06-0-007-013

DISTRICT  
BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT  
PHASE 2 - BOND IMPROVEMENTS

DWG TITLE  
TECHNOLOGY PLAN  
SECURITY GATE

SCALE:  
AS NOTED

DATE:  
APRIL 2024

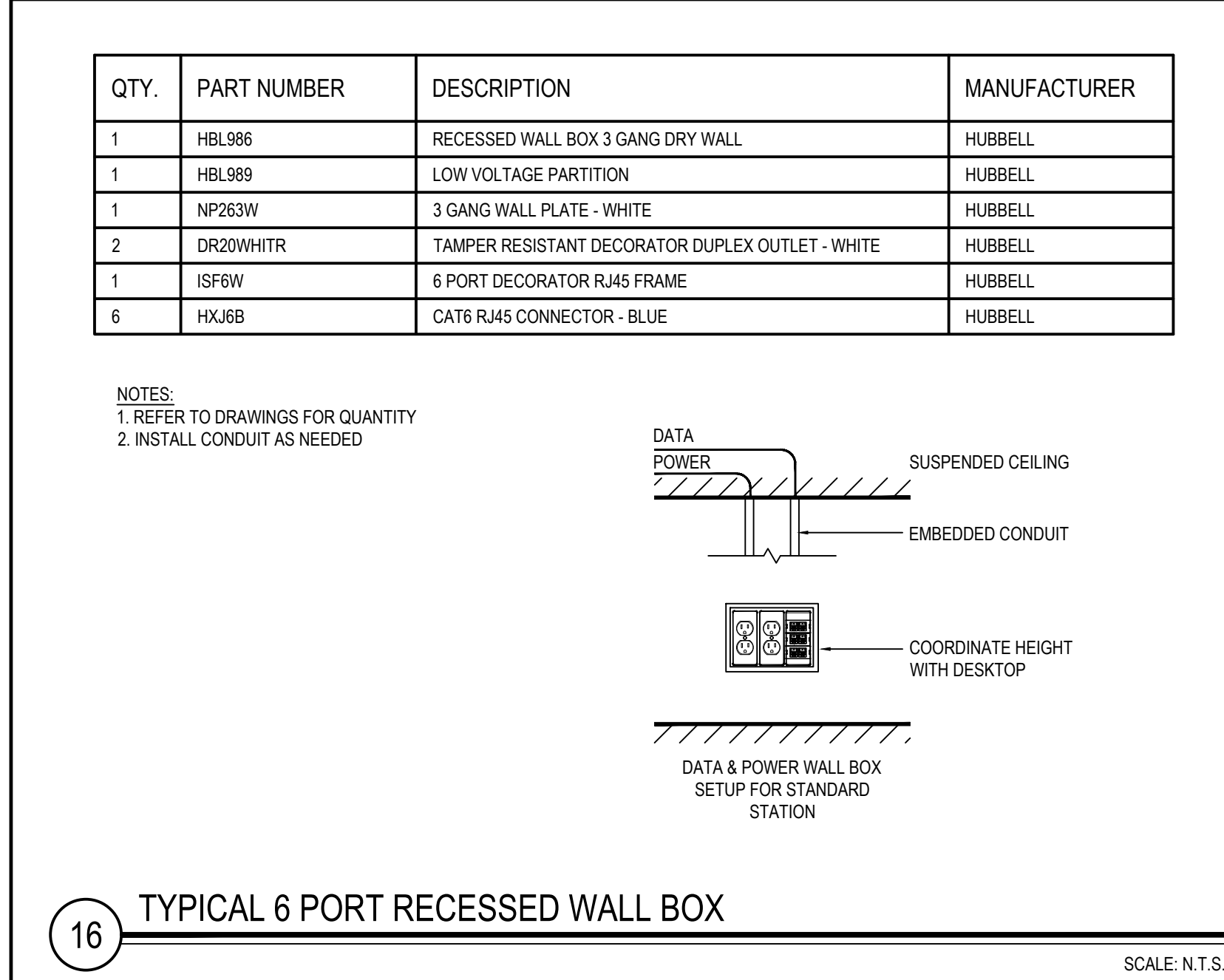
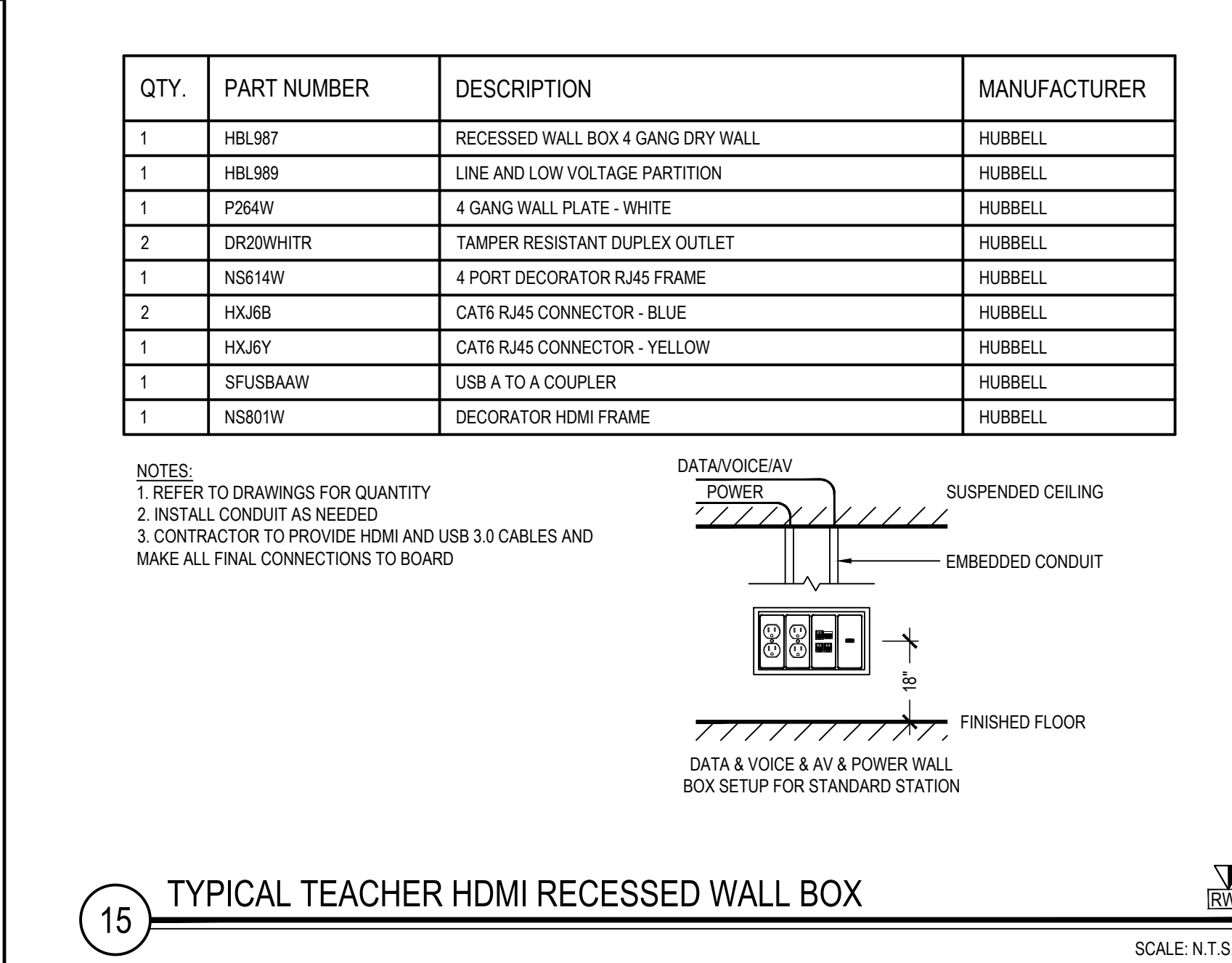
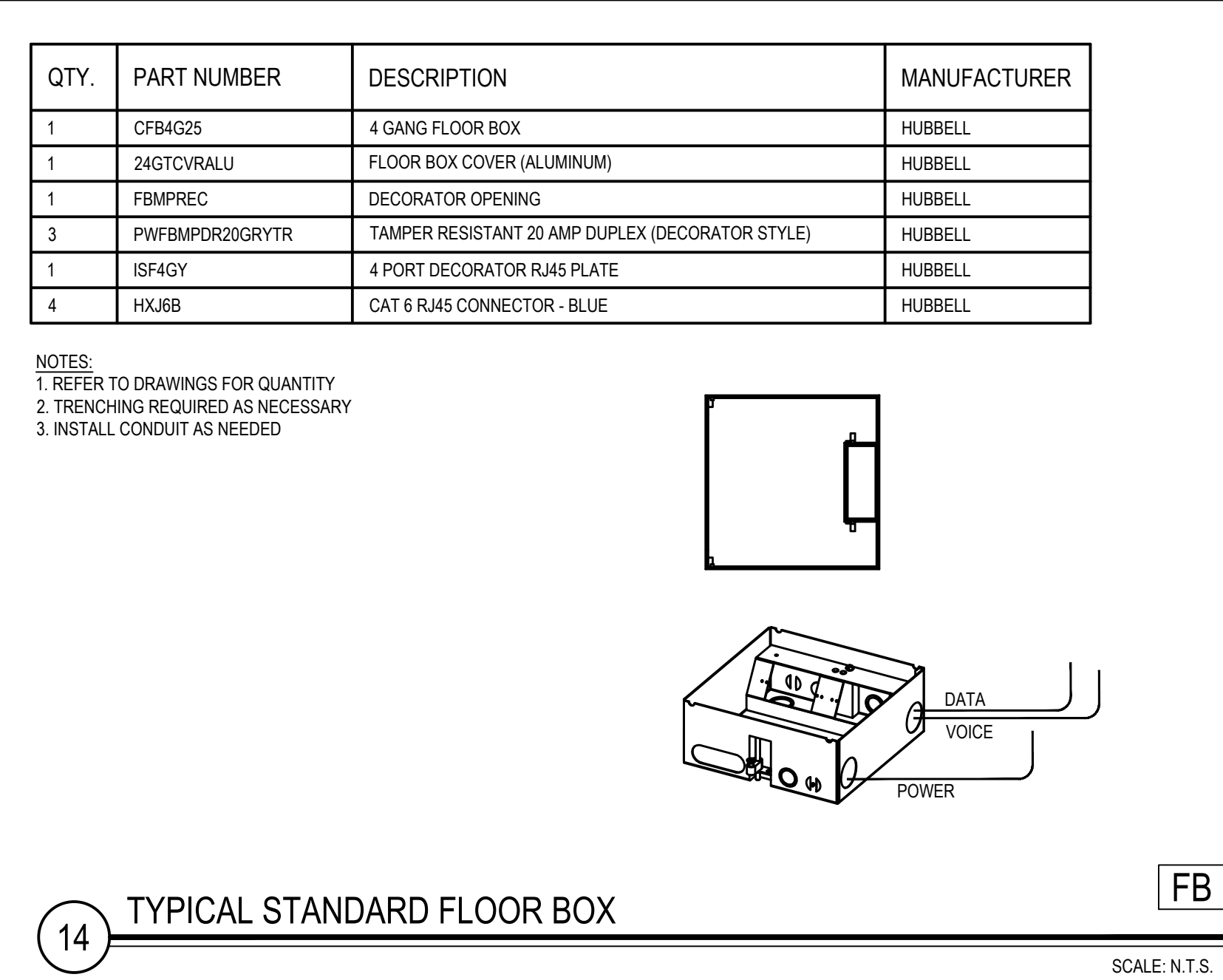
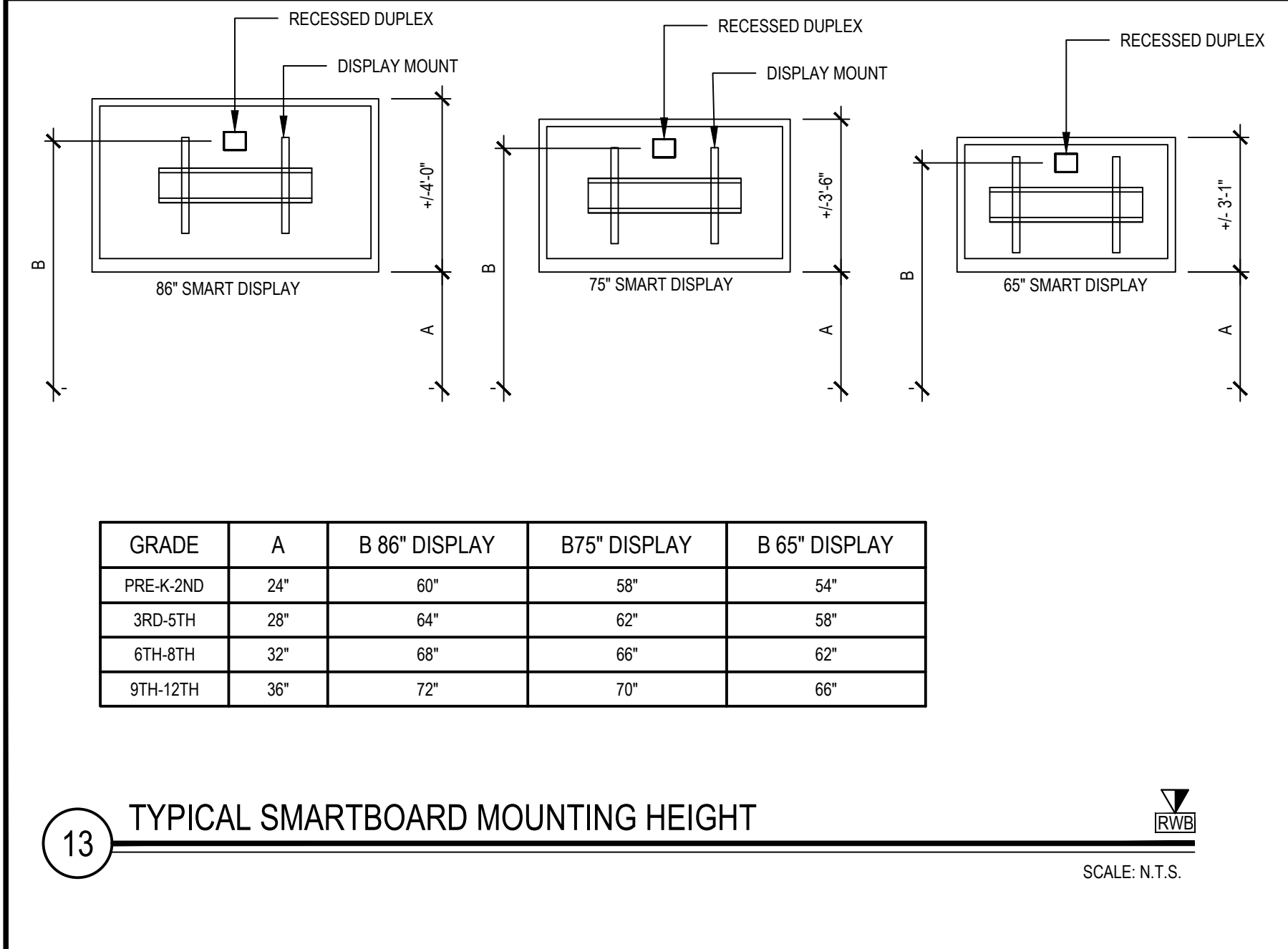
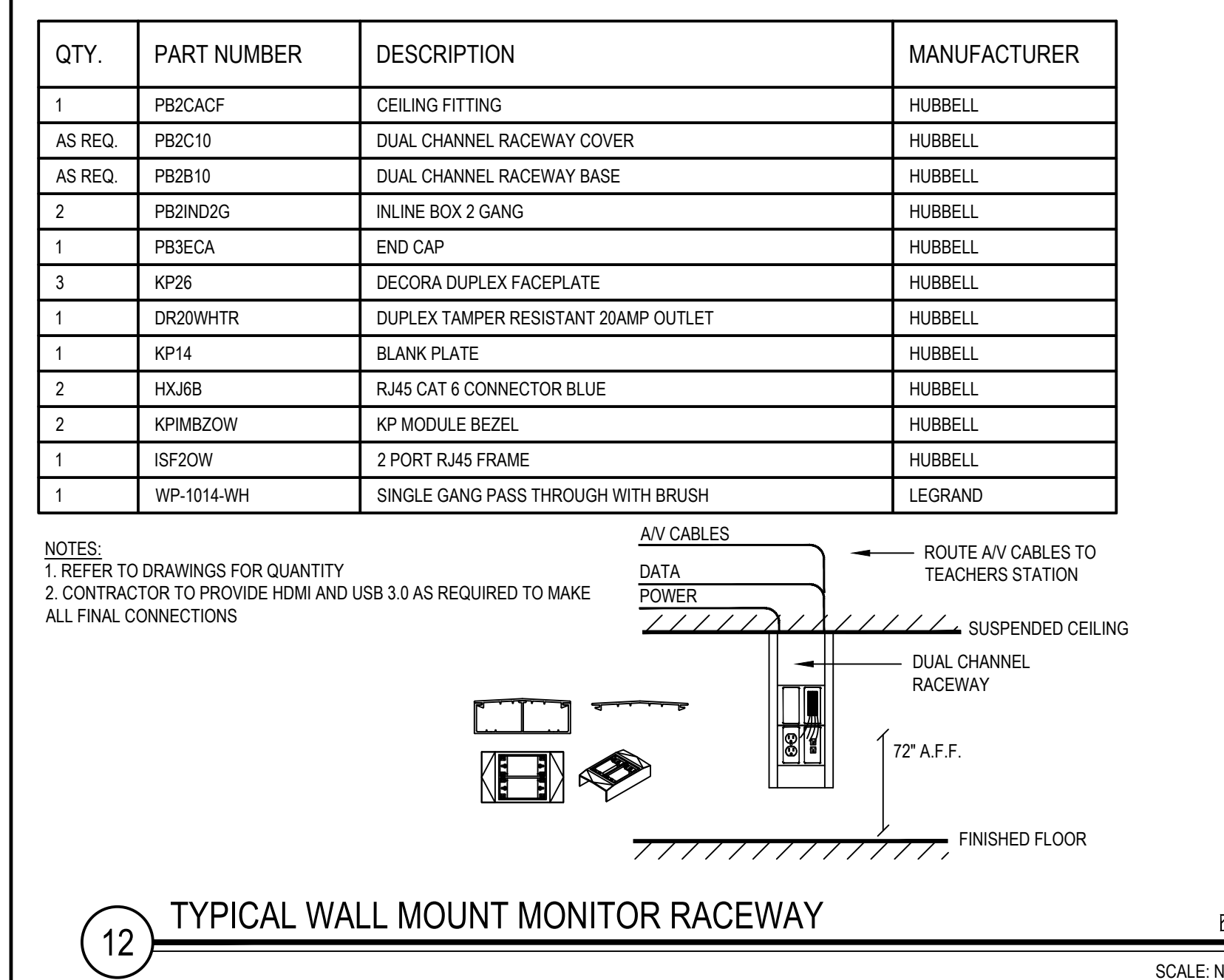
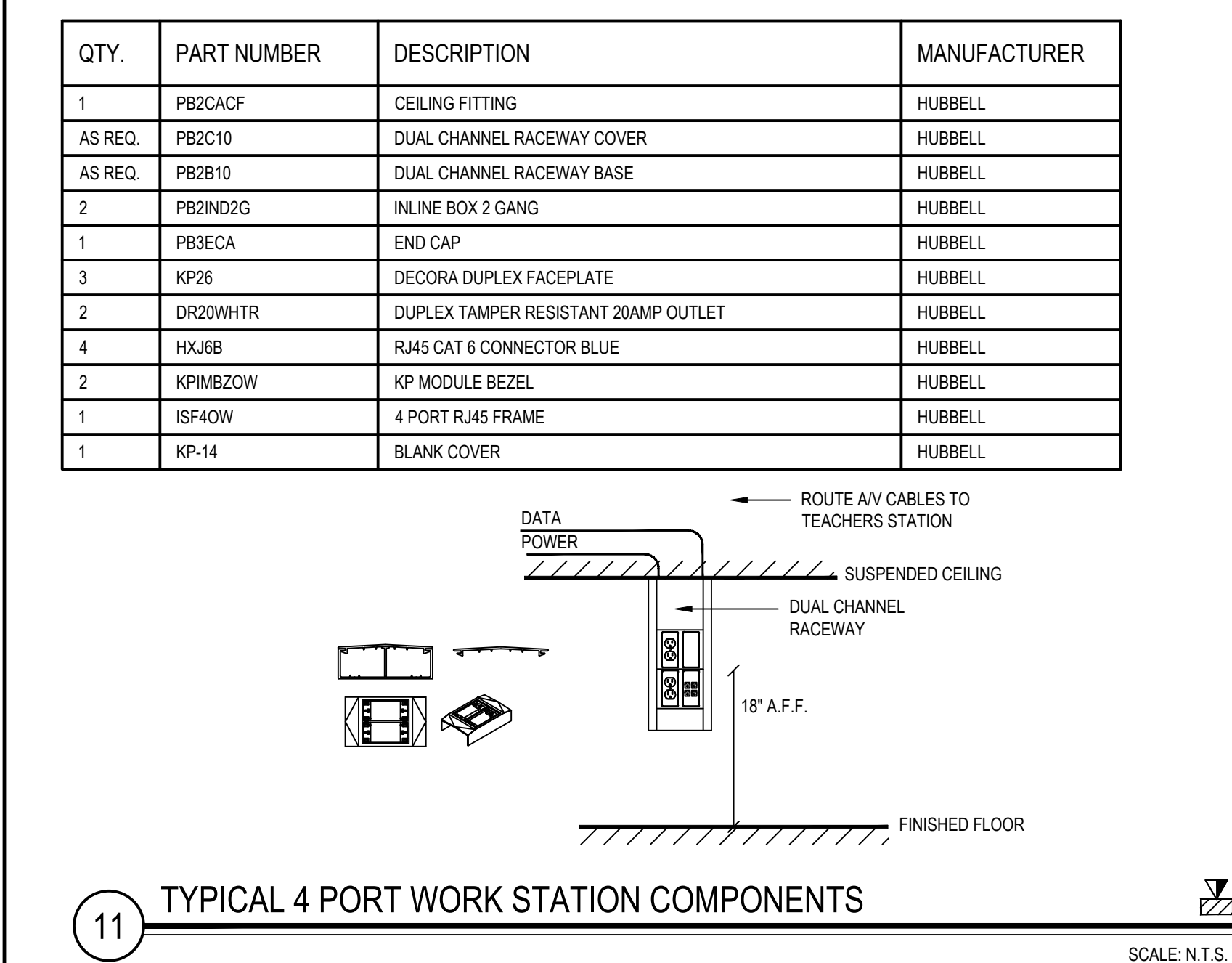
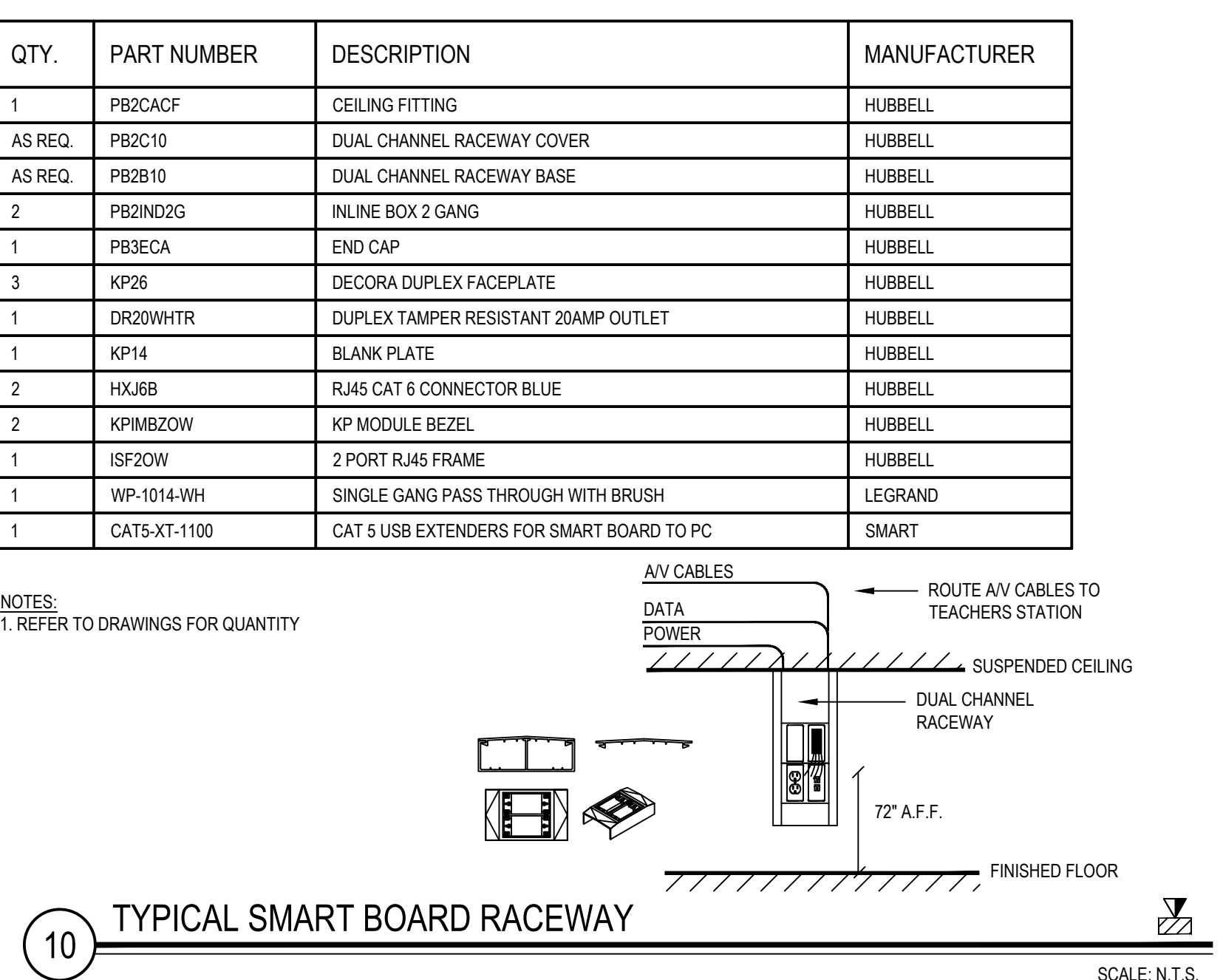
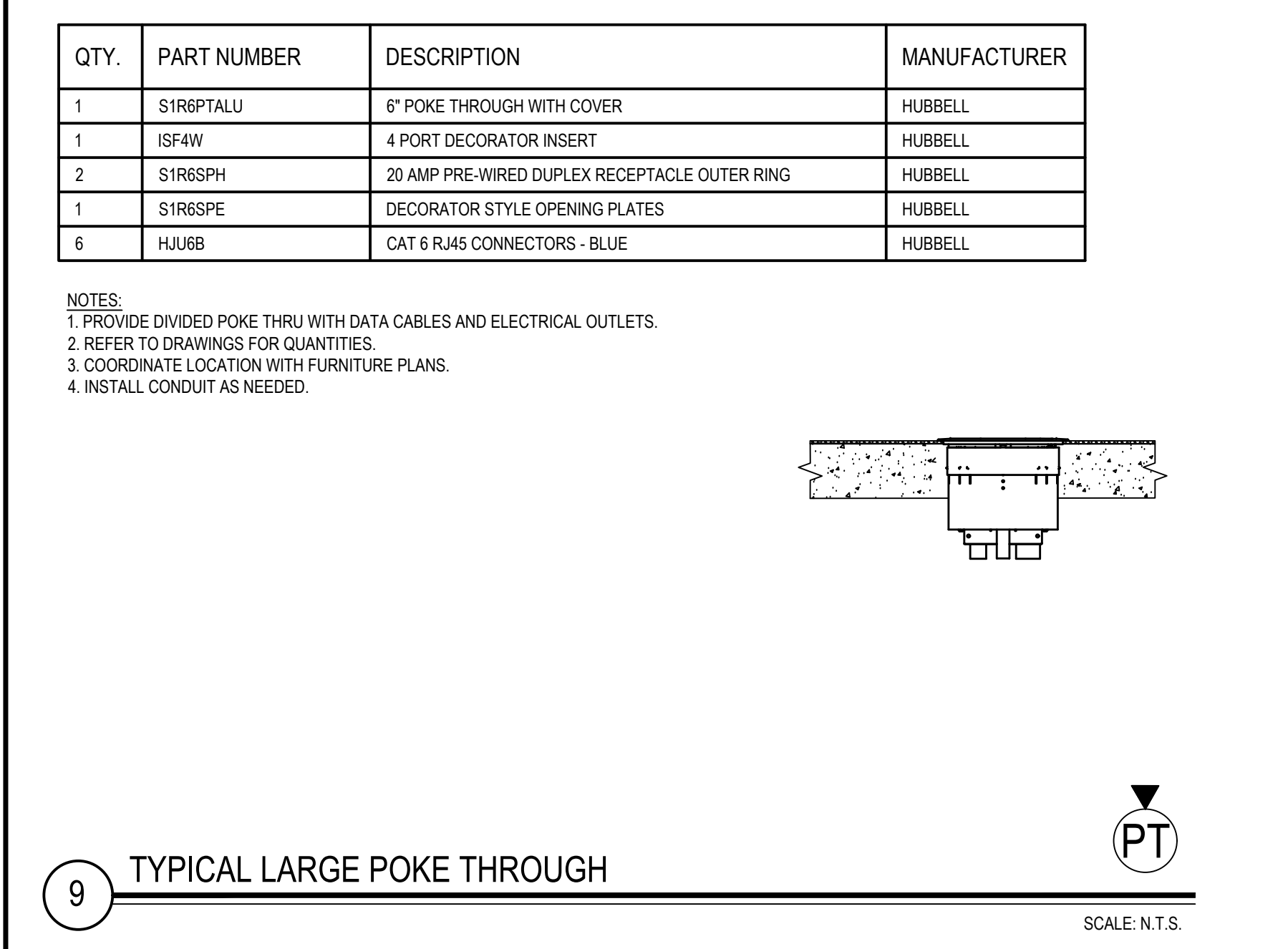
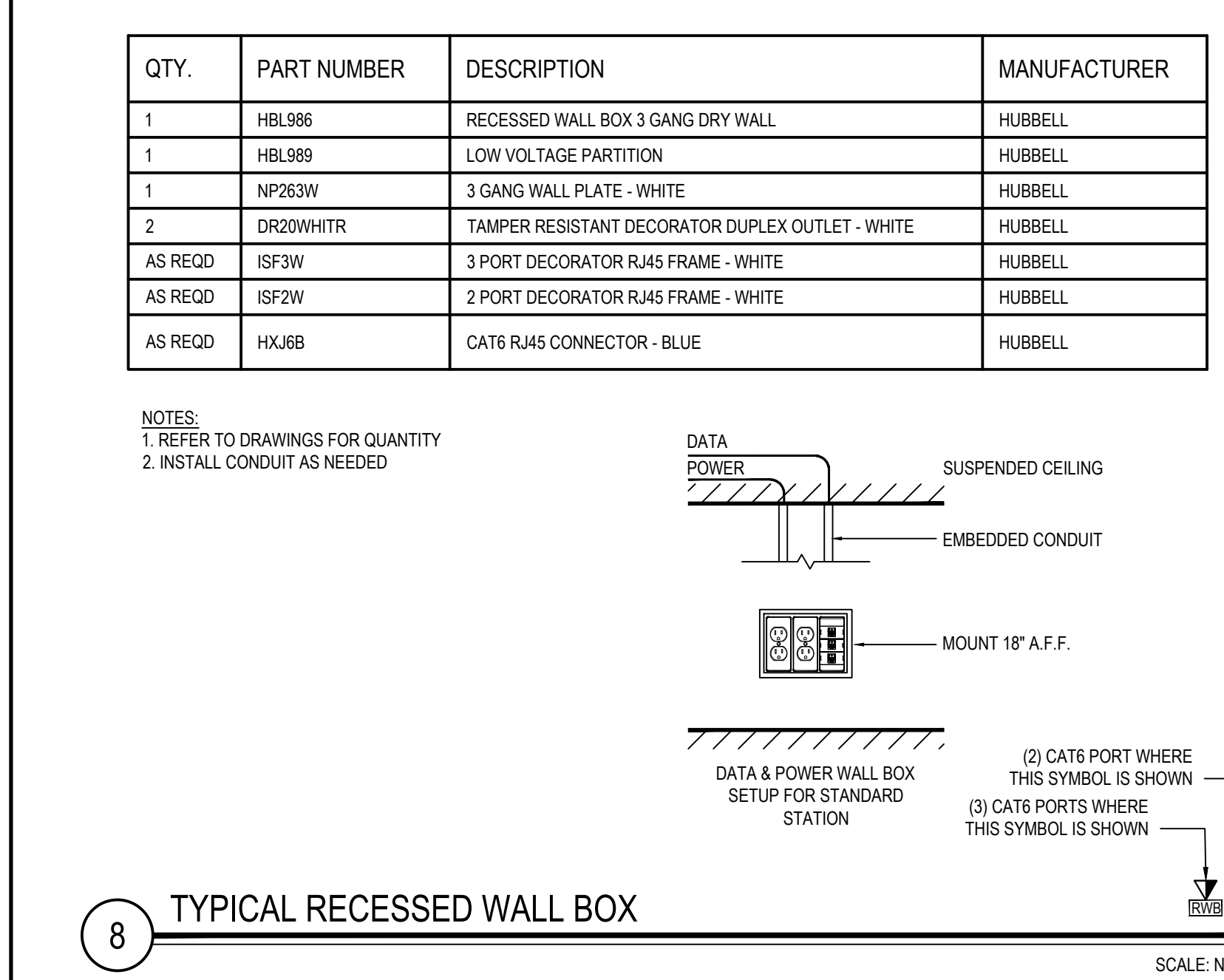
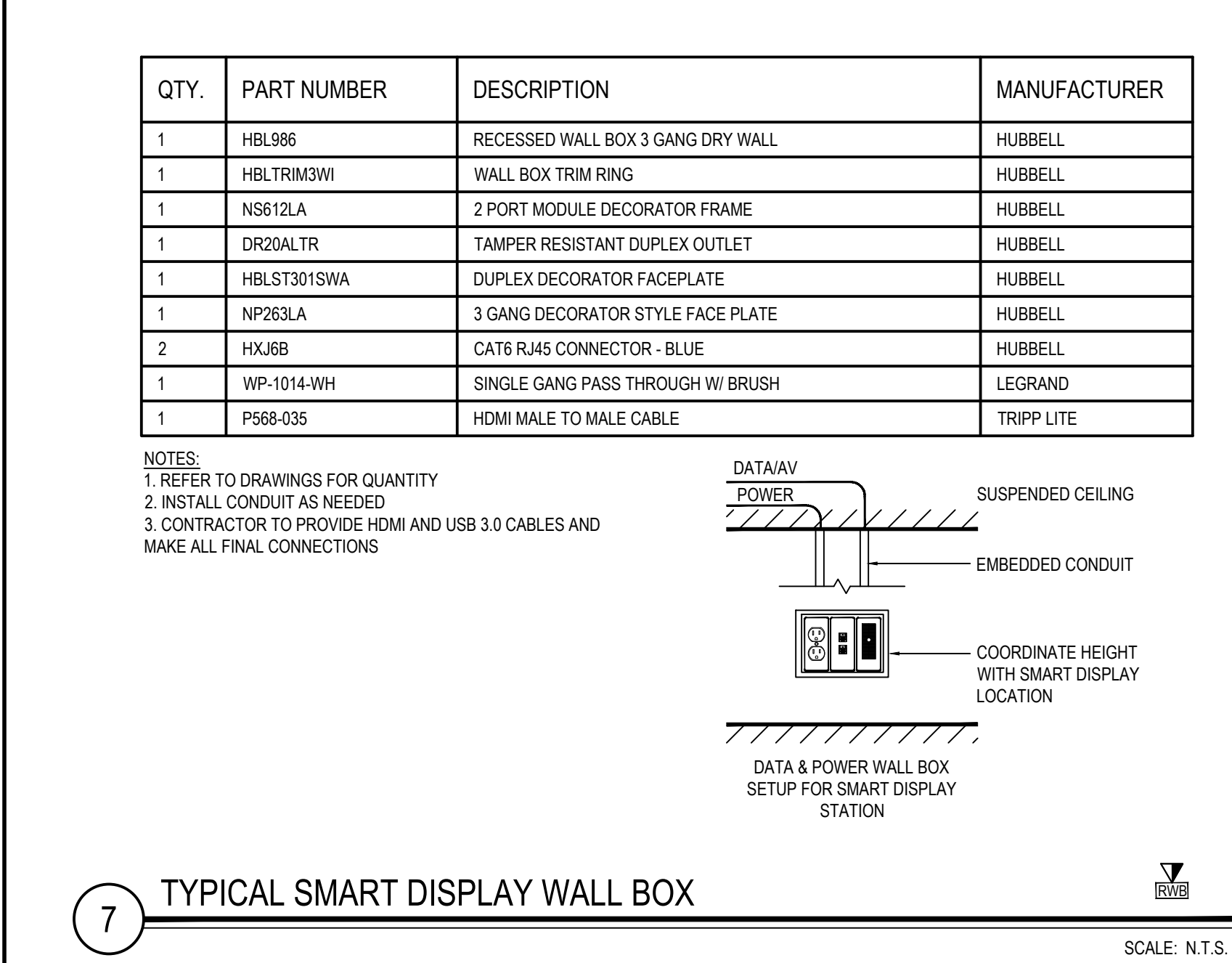
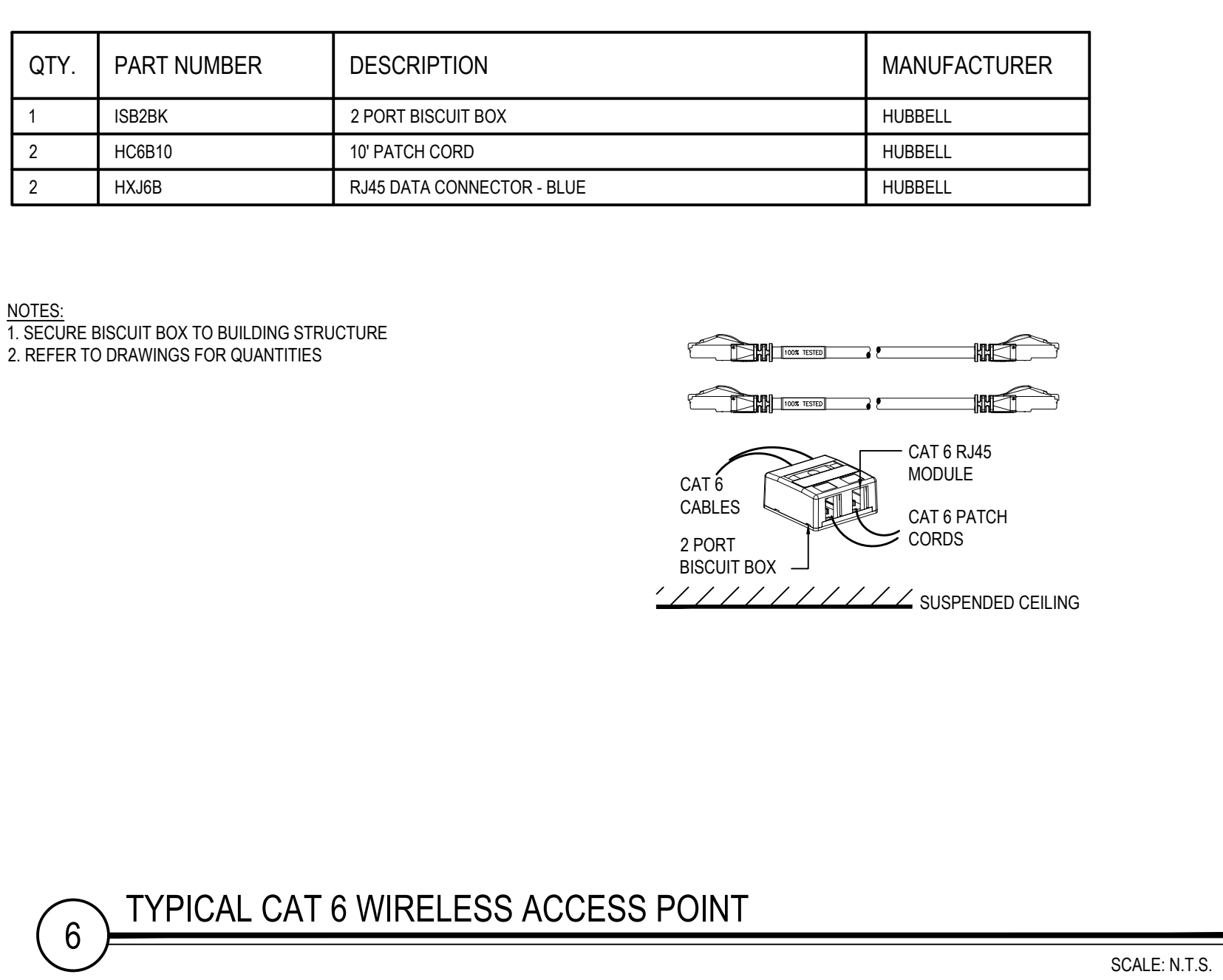
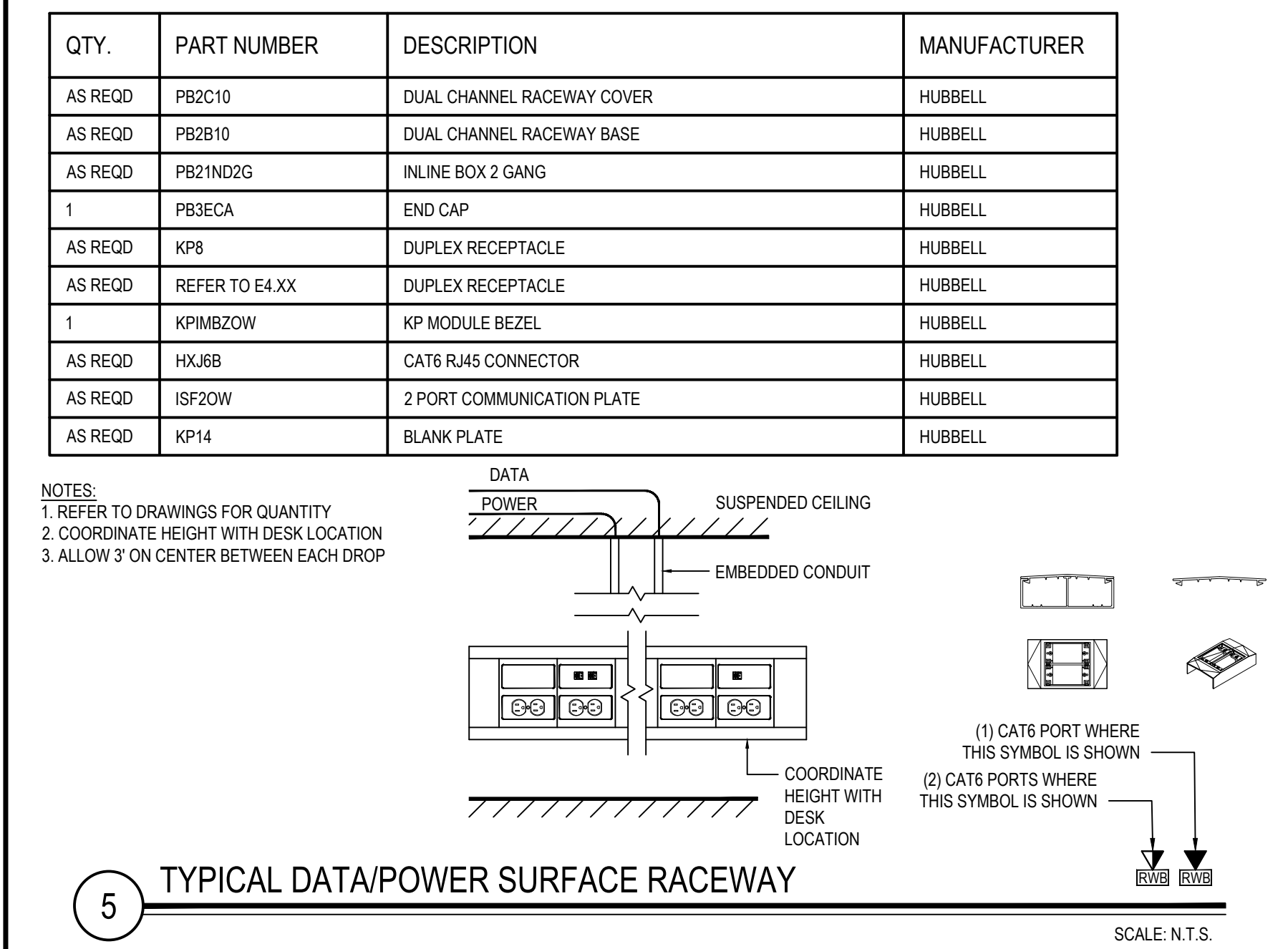
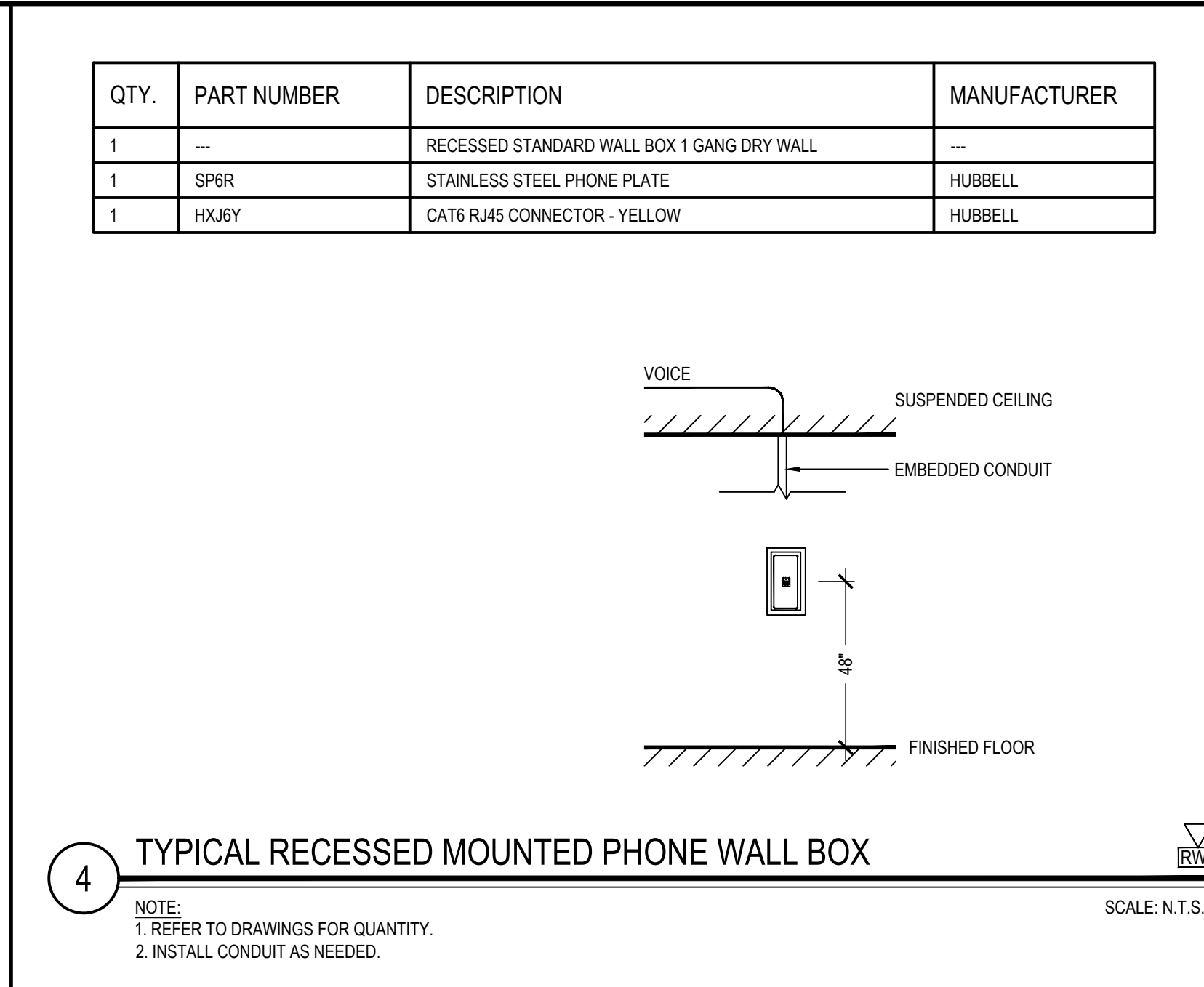
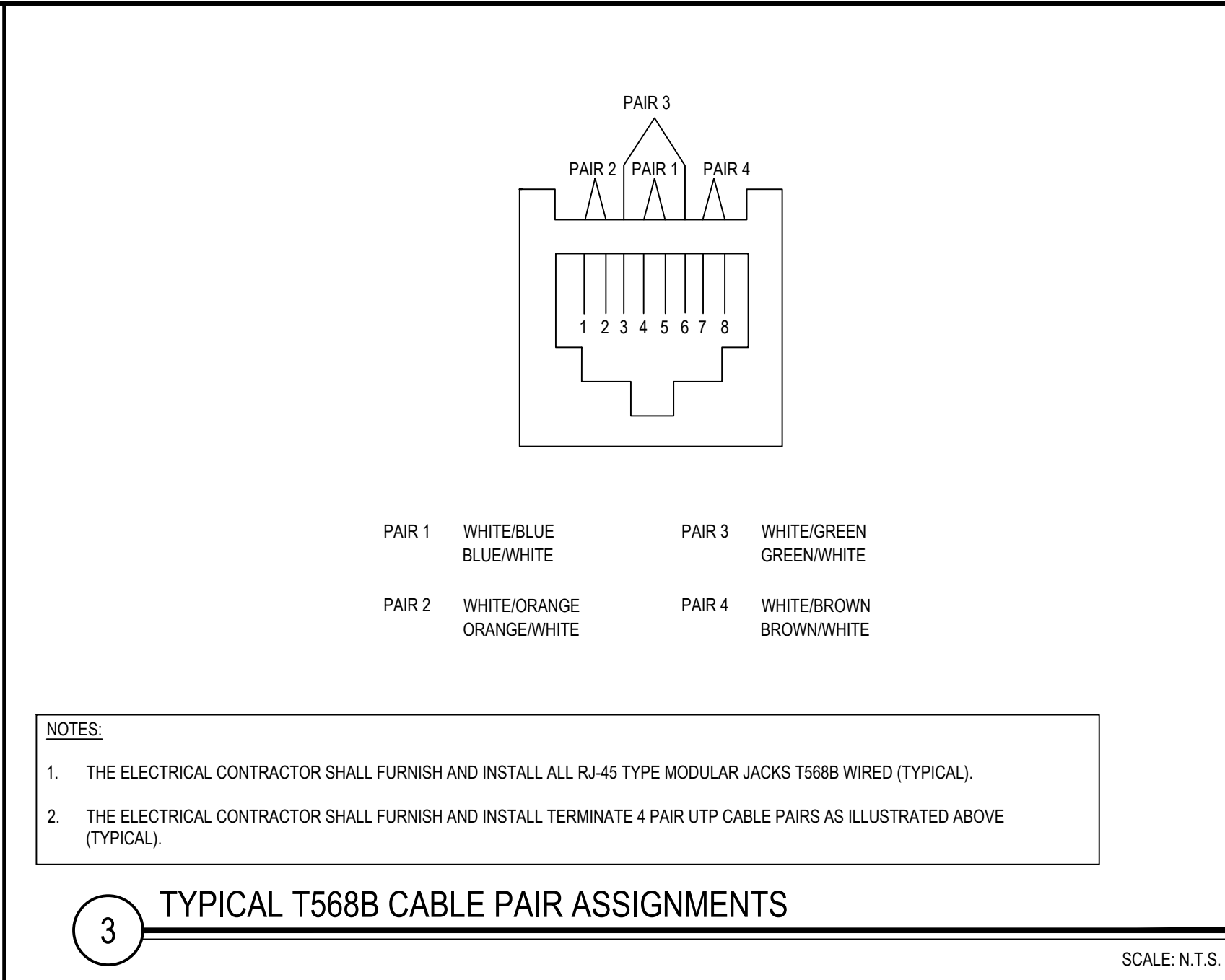
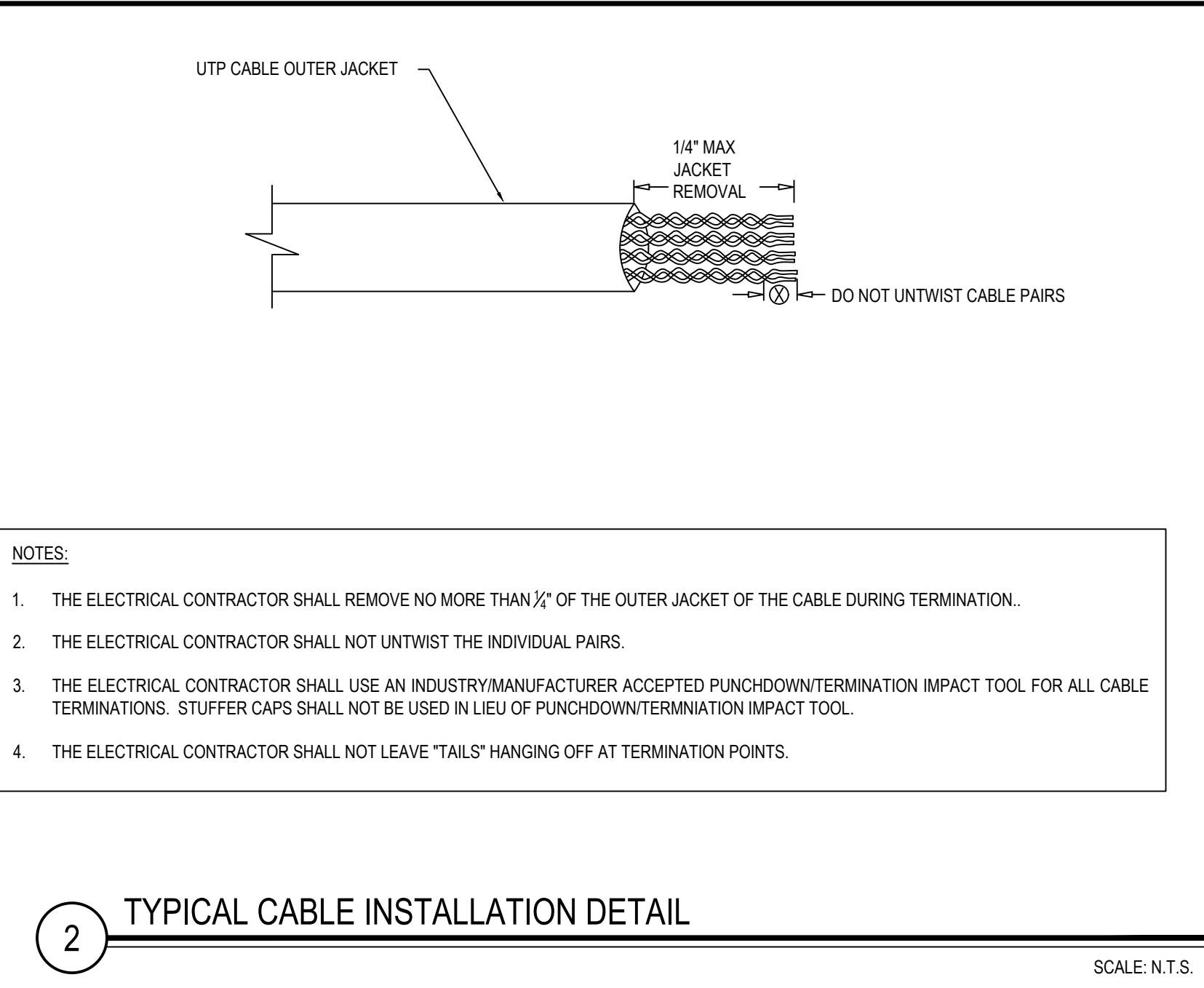
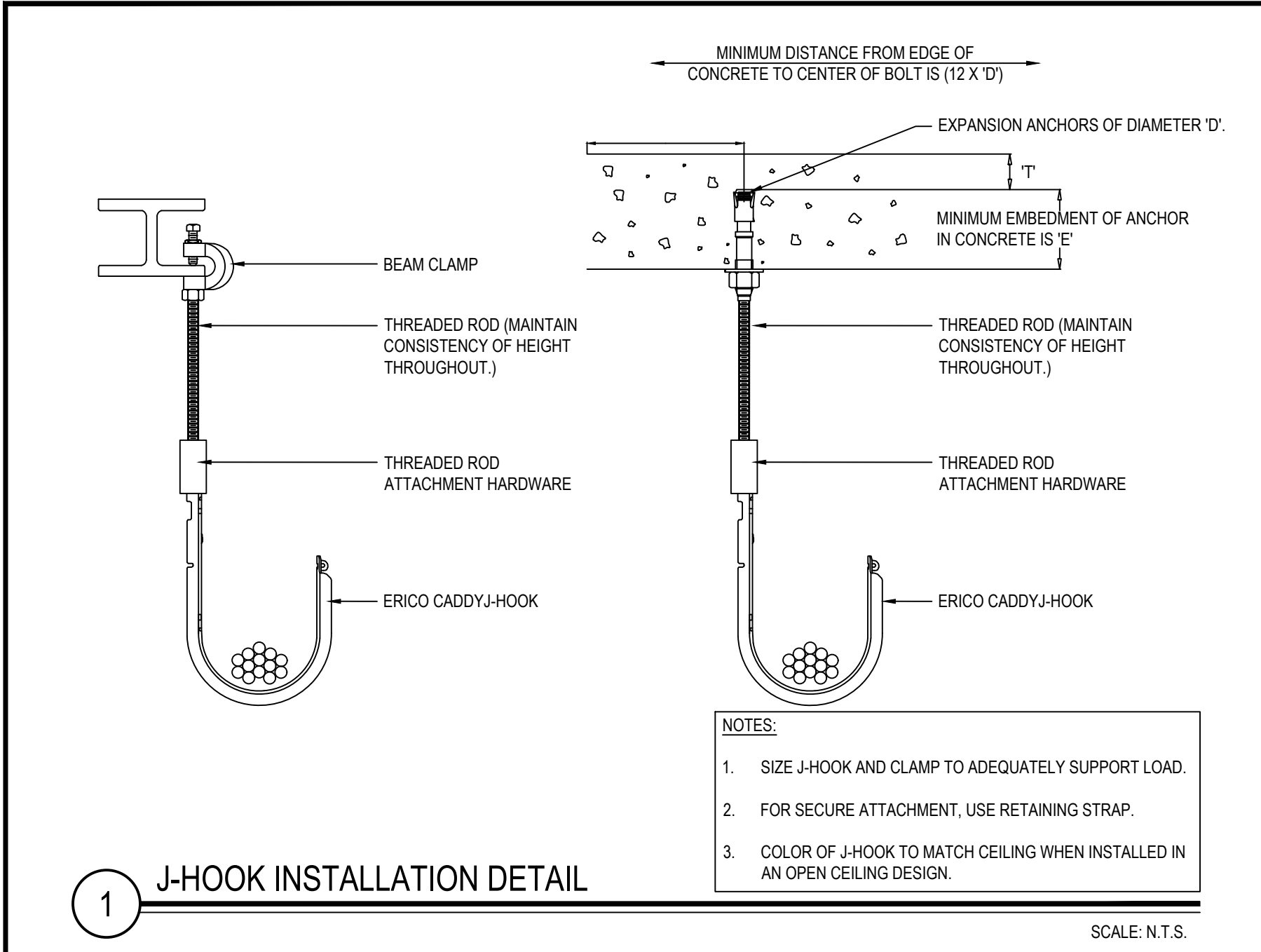
BID PICK-UP:  
FEBRUARY 24, 2025

FILE No.  
23-131b

FLMS

E9.02





REV. DATE ITEM

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KEY PLAN

NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
FOX LANE MIDDLE SCHOOL  
TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT

DWG TITLE

TECHNOLOGY DETAILS

DRAWING BY: GUL

CHECK BY: ---

NOTICE

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SED No: 66-01-02-06-0-007-013

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: TECHNOLOGY DETAILS

SCALE: AS NOTED

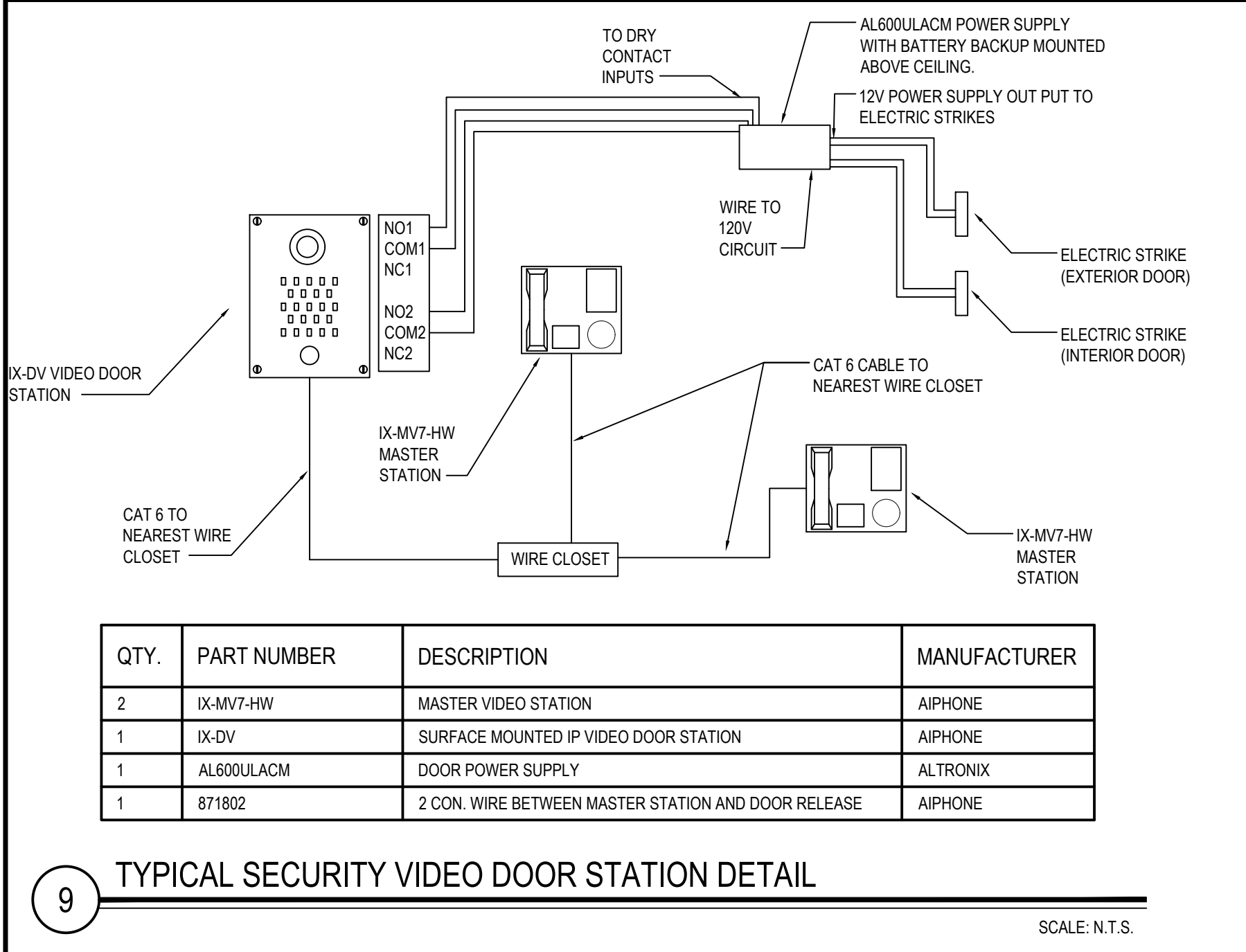
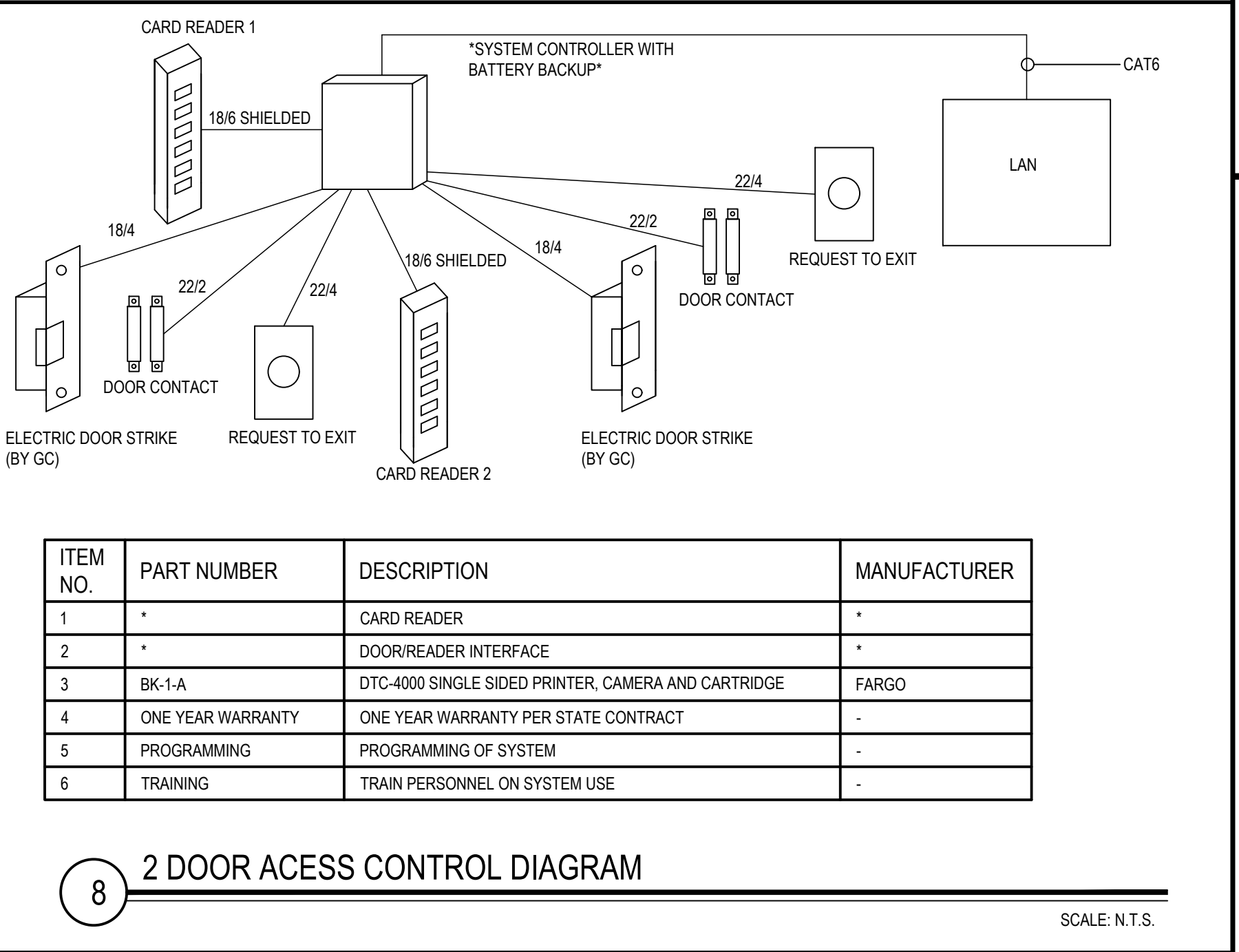
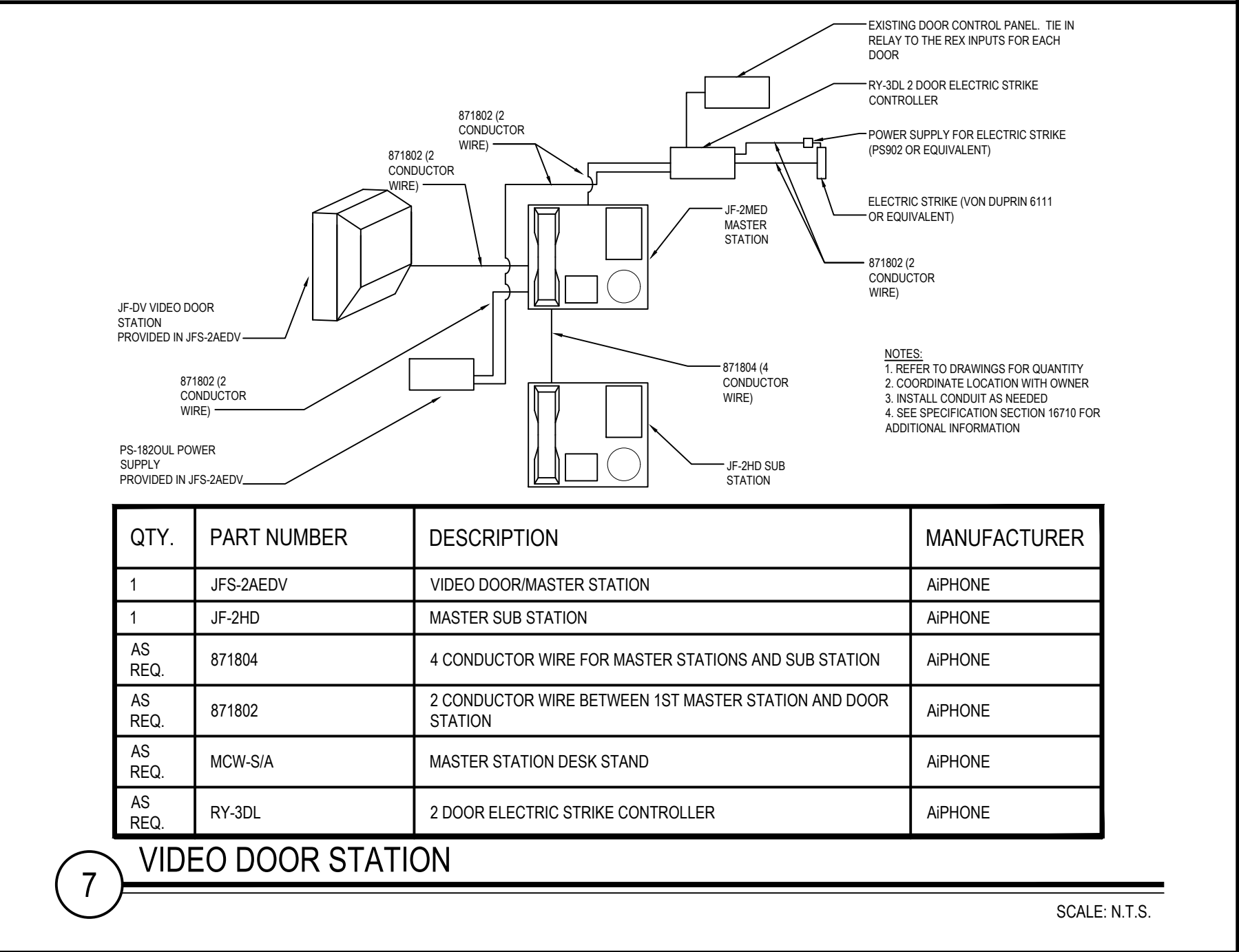
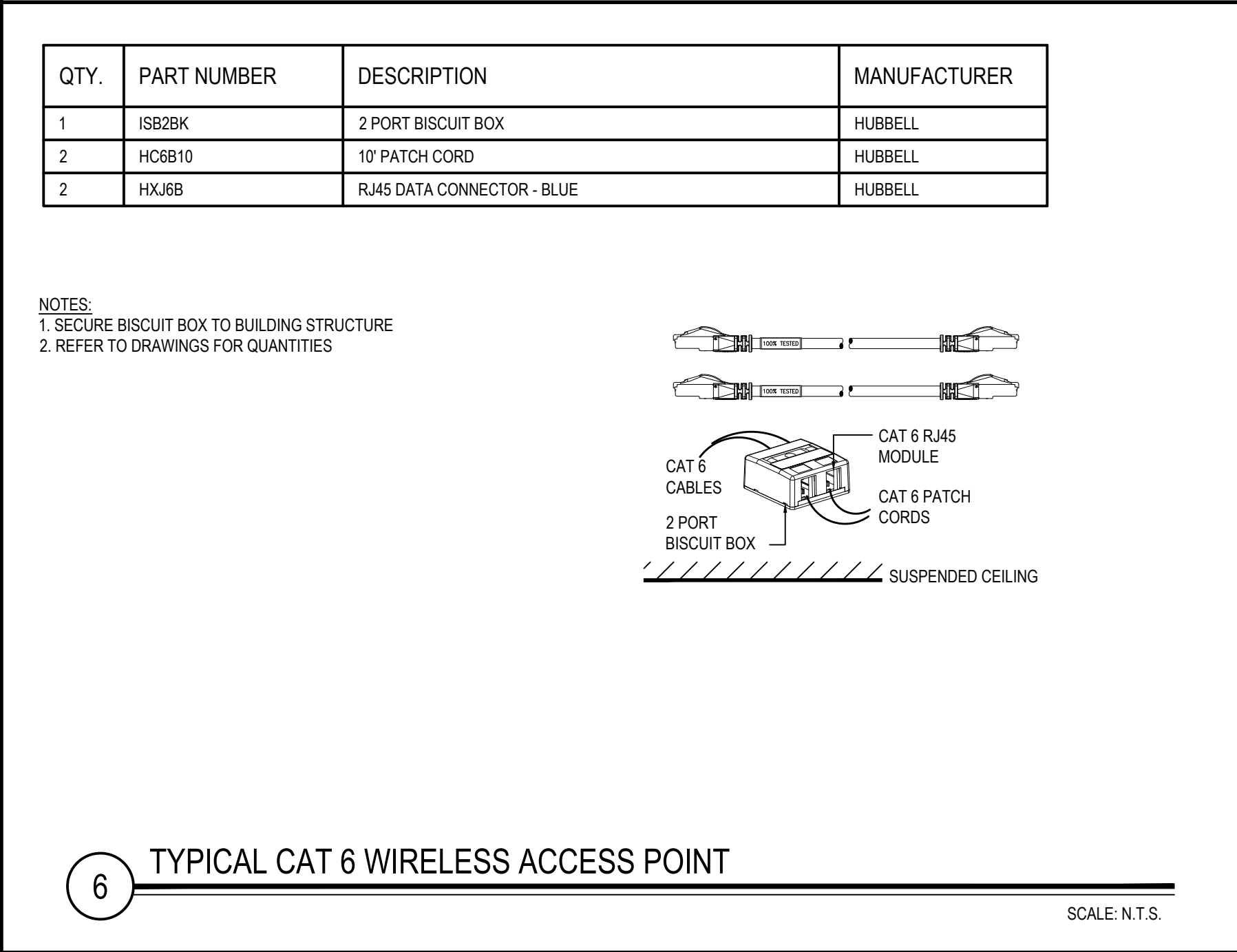
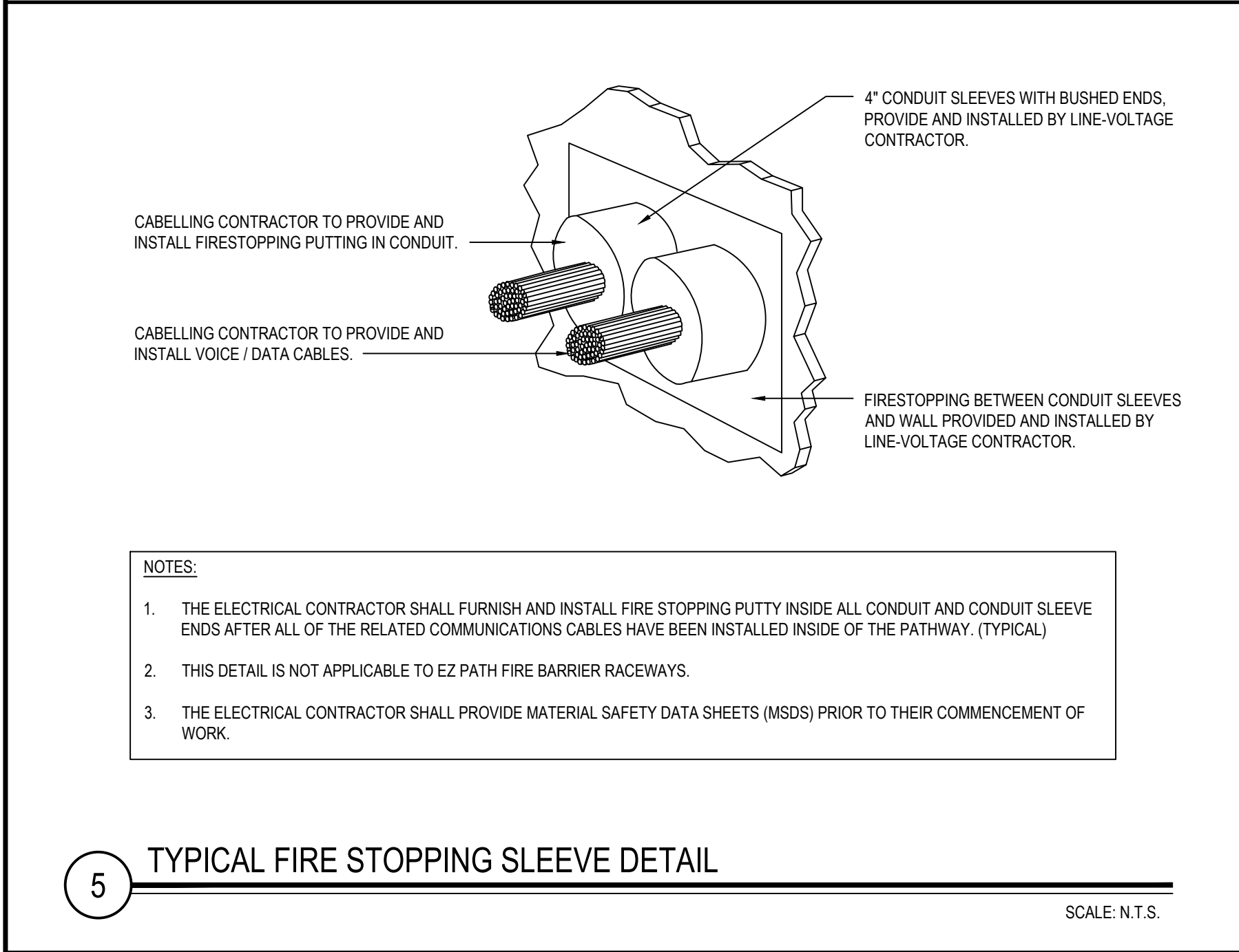
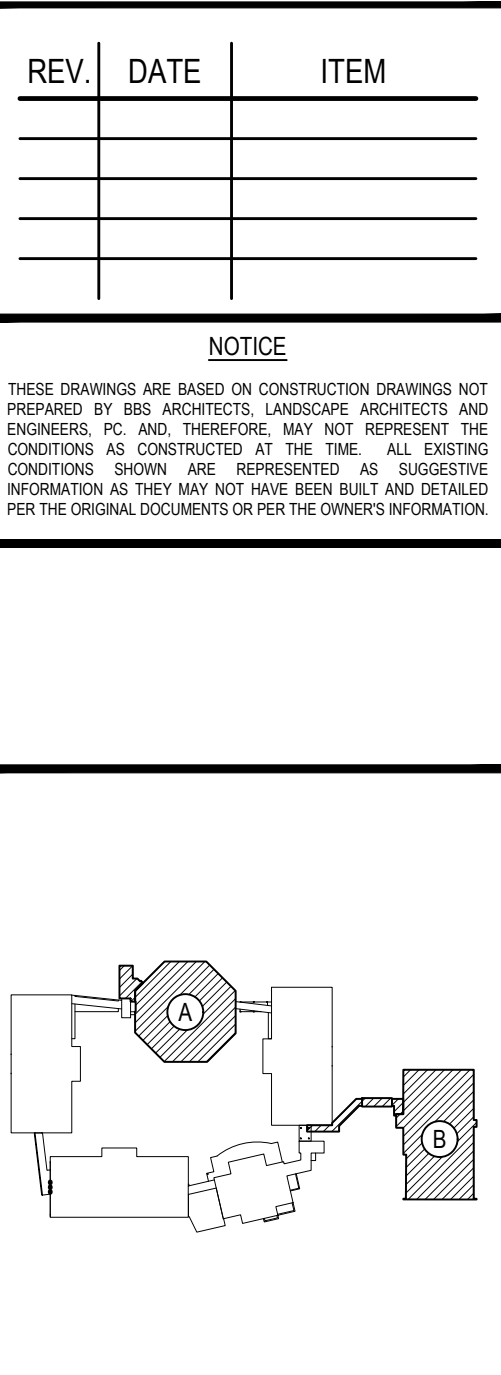
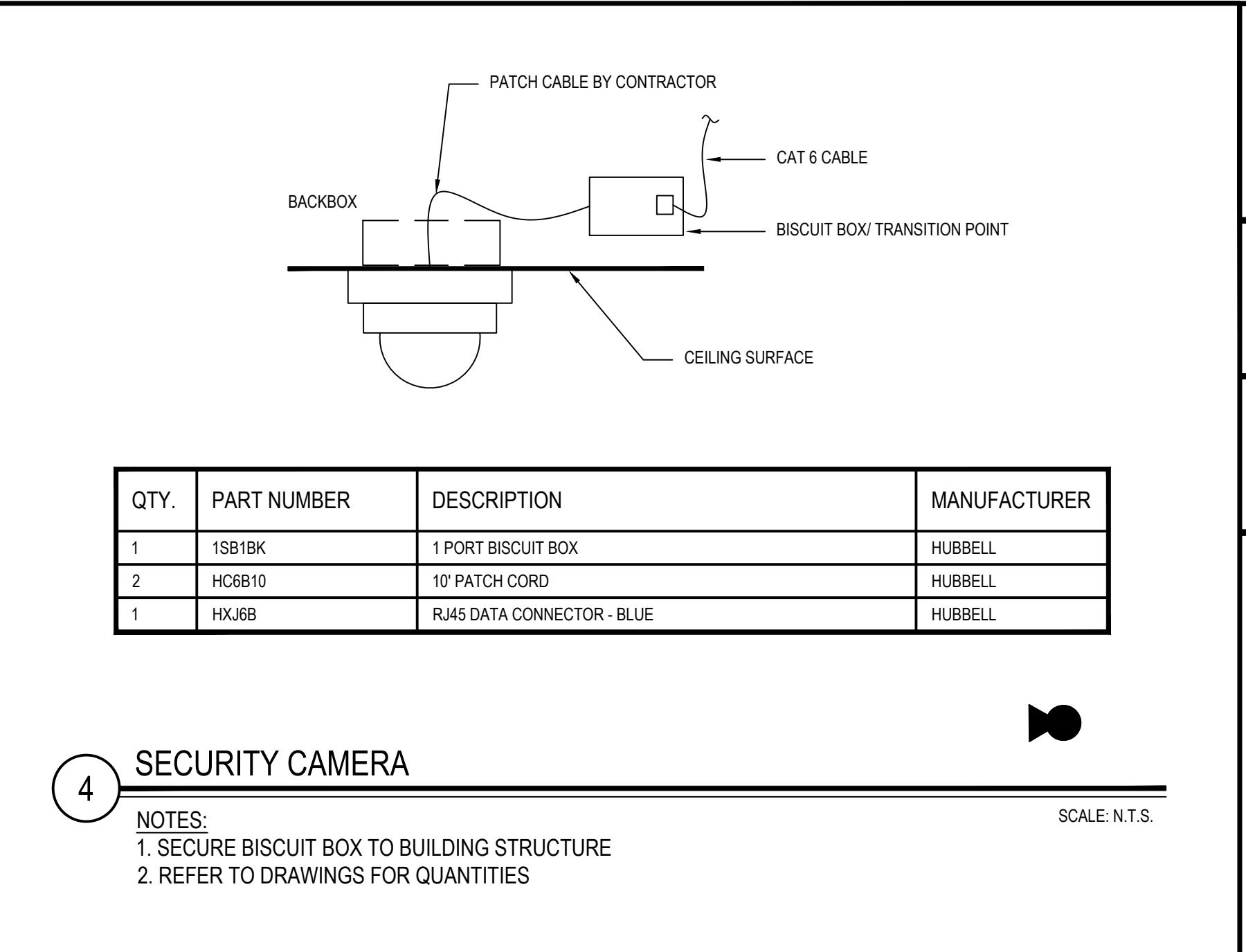
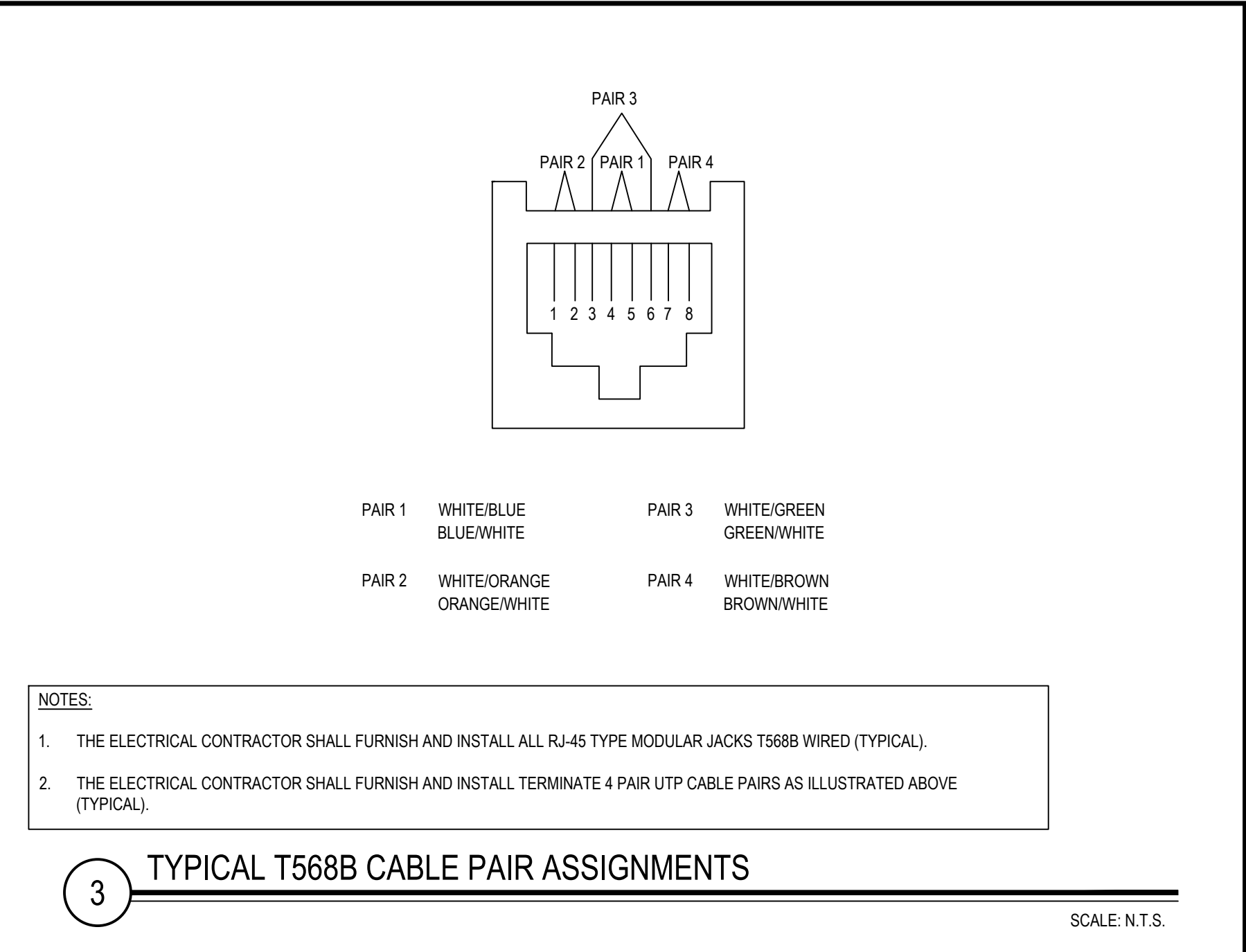
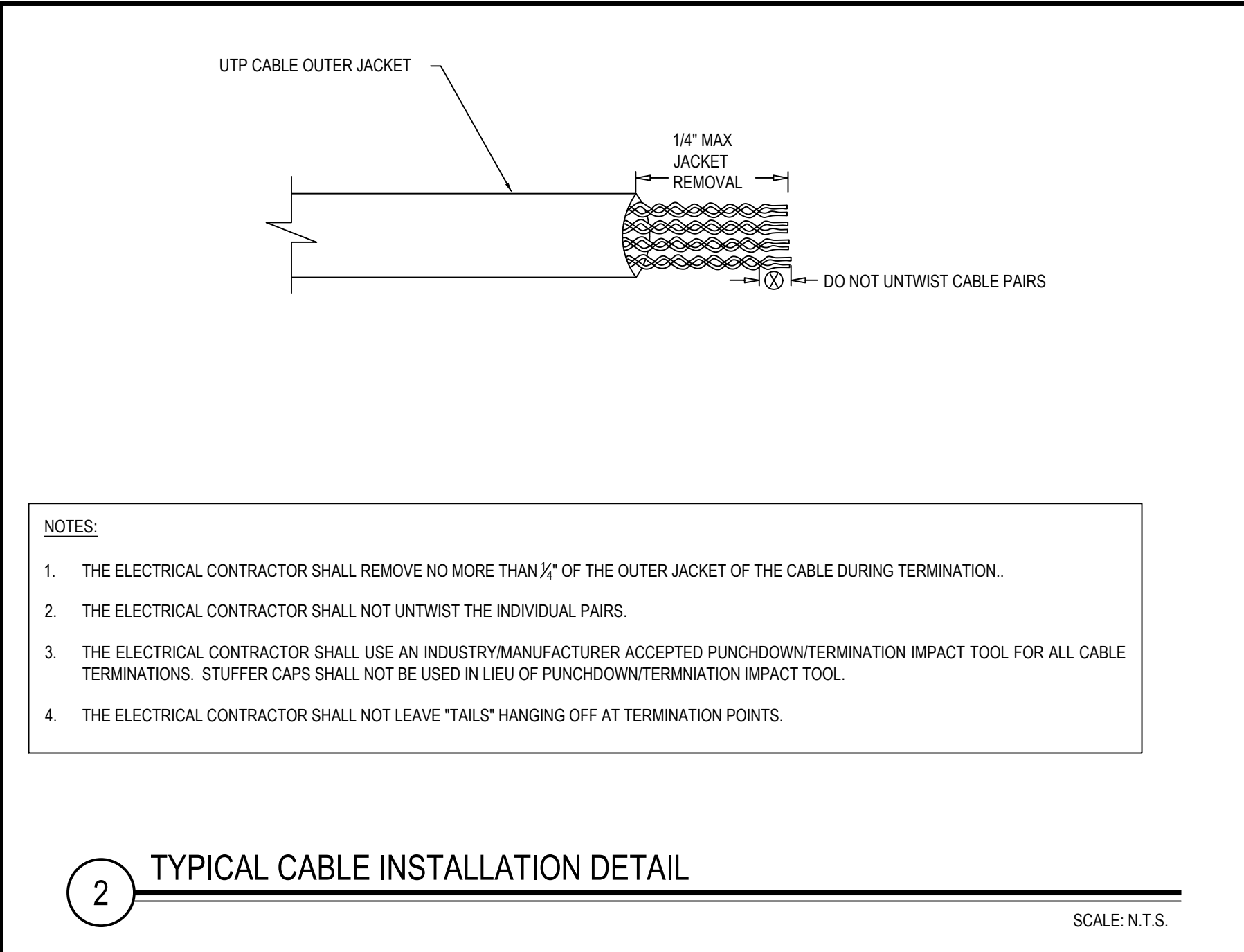
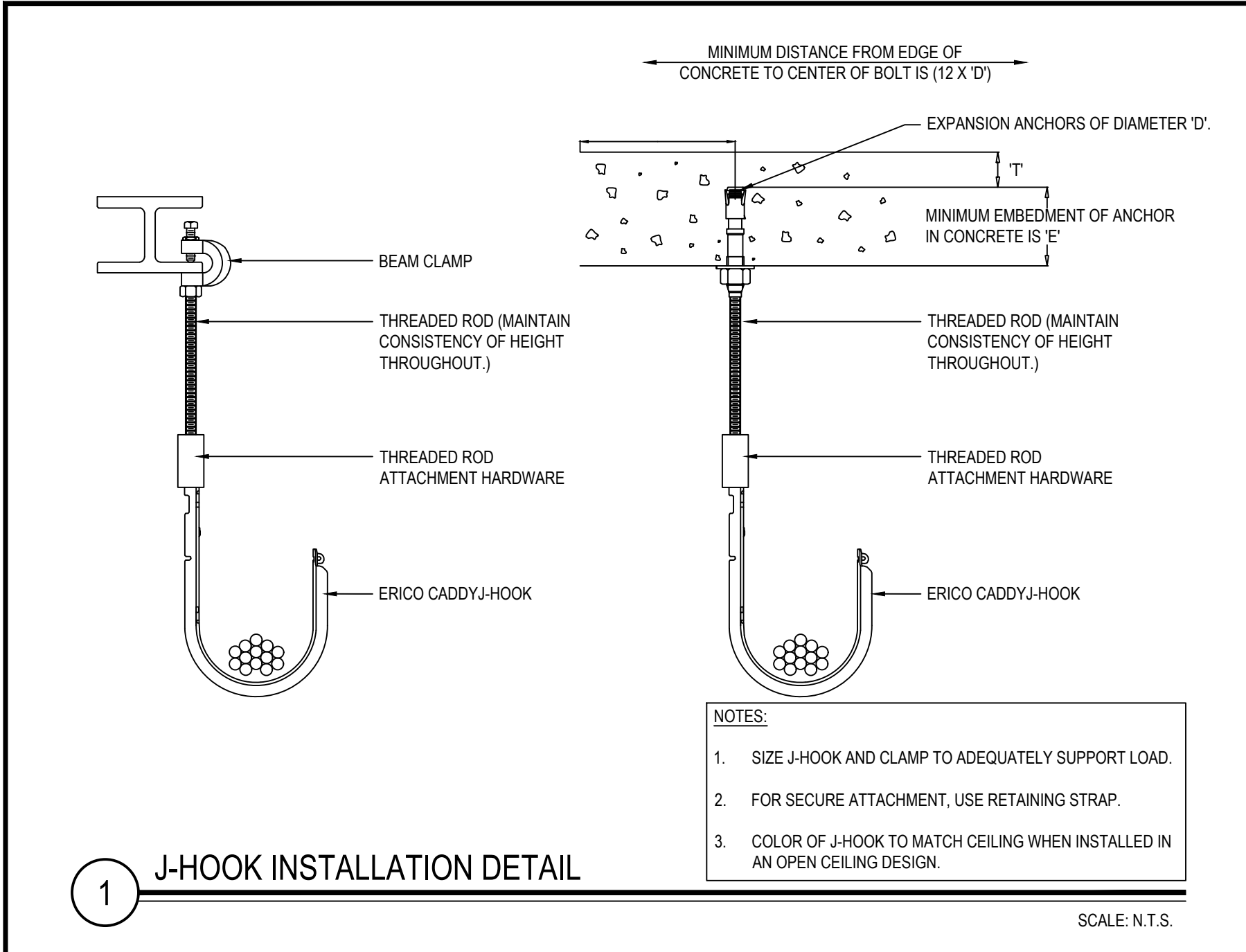
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-1316 FLMS

E10.01





SECURITY DETAILS

PROJECT

DWG TITLE

DRAWING BY: ---

CHECK BY: ---

NOTICE

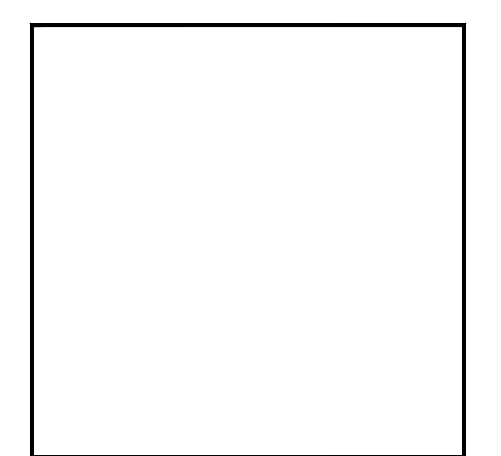
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SED No: 66-01-02-06-0-007-013

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 2 - BOND IMPROVEMENTS

DWG TITLE SECURITY DETAILS

SCALE: AS NOTED

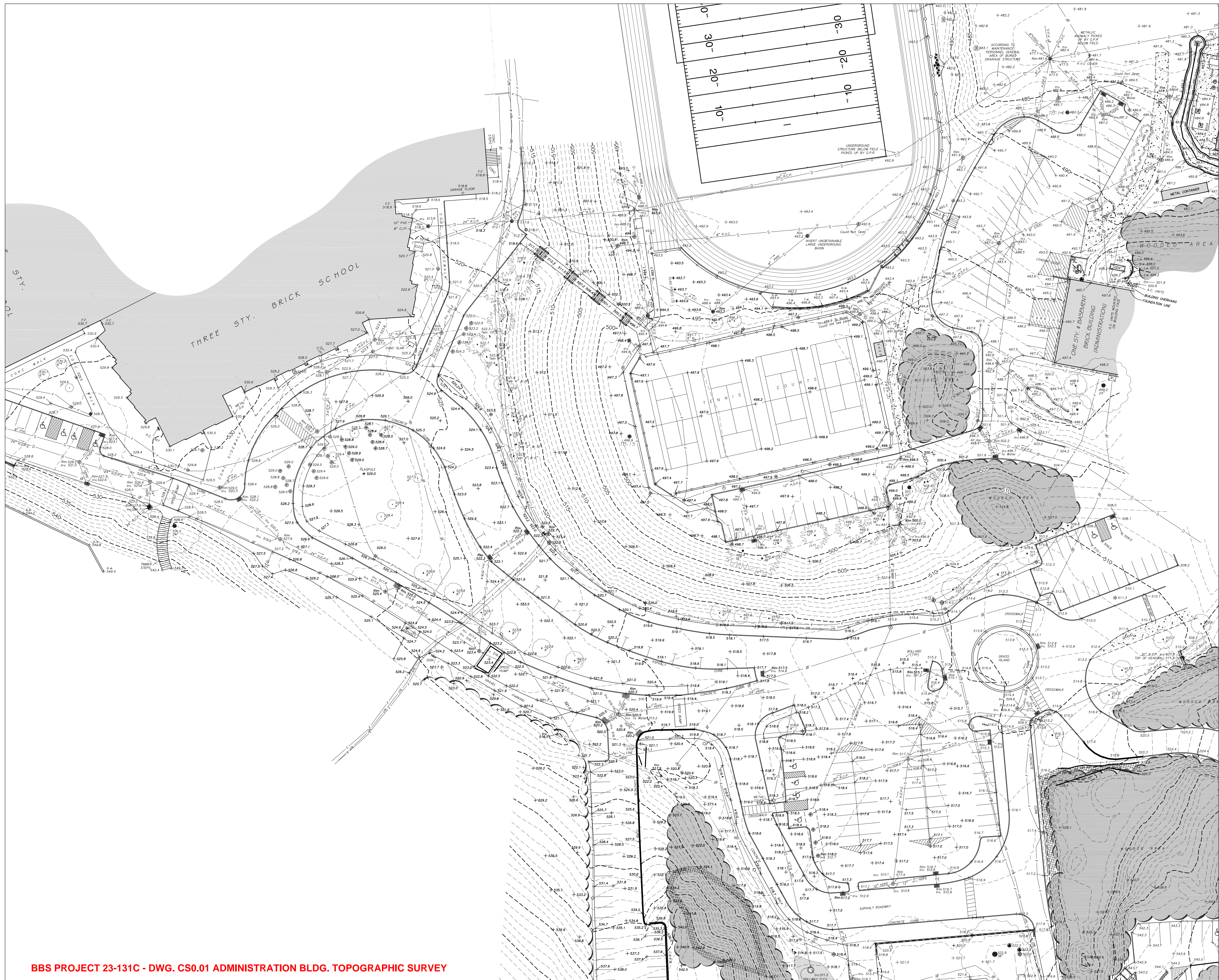
DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

FILE No: 23-131b FLMS

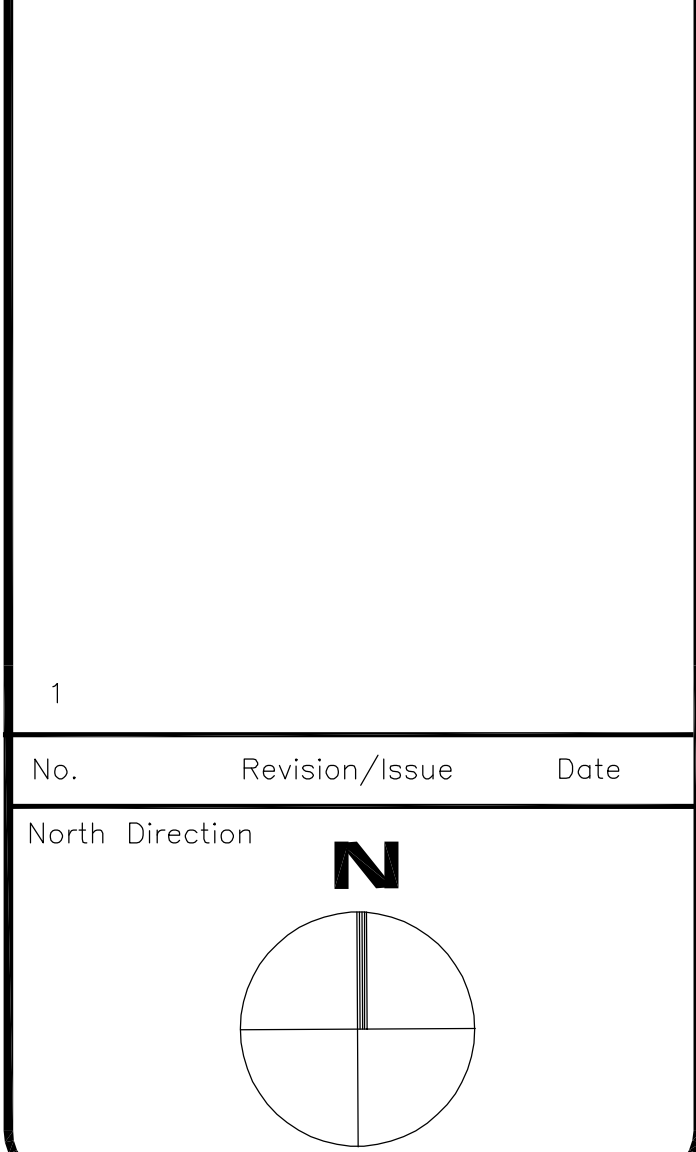
E10.02





- INDICATES SPOT ELEVATION  
T.C. TOP CURB  
B.C. BOTTOM CURB  
D.W. TOP WALL  
D.B. BOTTOM WALL  
D.B. TOP OF BANK  
D.B. BOTTOM OF BANK  
S.M.W. STONE MASONRY RETAINING WALL  
S.R.W. STONE RETAINING WALL  
C.B.W. CONC. BLOCK RETAINING WALL  
C.R.W. CONC. RETAINING WALL  
L.D.R. LEADER DRAIN  
2" 4" STORM DRAIN  
CATCH BASIN (TYP.)  
4" 4" STORM DRAIN  
2" 2" DRAIN INLET  
1" 1" DRAIN INLET  
DRAIN CURB  
IRRIGATION CONTROL BOX  
IRRIGATION CONTROL VALVE  
FIRE HYDRANT  
WATER SHUT OFF VALVE  
MANHOLE (COMMUNICATIONS)  
STORM DRAIN  
MANHOLE (DRAINAGE)  
MANHOLE (ELEC. CON. ED.)  
MANHOLE (SEWER)  
SEWER CLEANOUT  
MANHOLE (WATER)  
FURNING BELLWELL  
MONITORING WELL  
UTILITY POLE  
UTILITY POLE W/ GUY WIRE  
LIGHT POLE  
LIGHT FIXTURE  
GAS VALVE  
ELECTRICAL OUTLET  
CHAIN LINK FENCE  
TRUSS SCISSOR  
PORTABLE TOILET (RESTROOM)  
TRASH DUMPSTER  
DECIDUOUS TREE  
EVERGREEN TREE  
EDGE OF WOODED AREA / BRUSH  
HANDICAP SPACE

Abbreviations & Symbols



Firm Name and Address

**Link**  
**Land Surveyors P.C.**  
21 CORTLAND ST., SUITE 100  
MAYWOOD, N.J. 07066  
Phone: 945-428-5857  
Fax: 945-428-1003

**BRUCE J. LINK**  
NEW YORK STATE LICENSED  
LAND SURVEYOR 056042

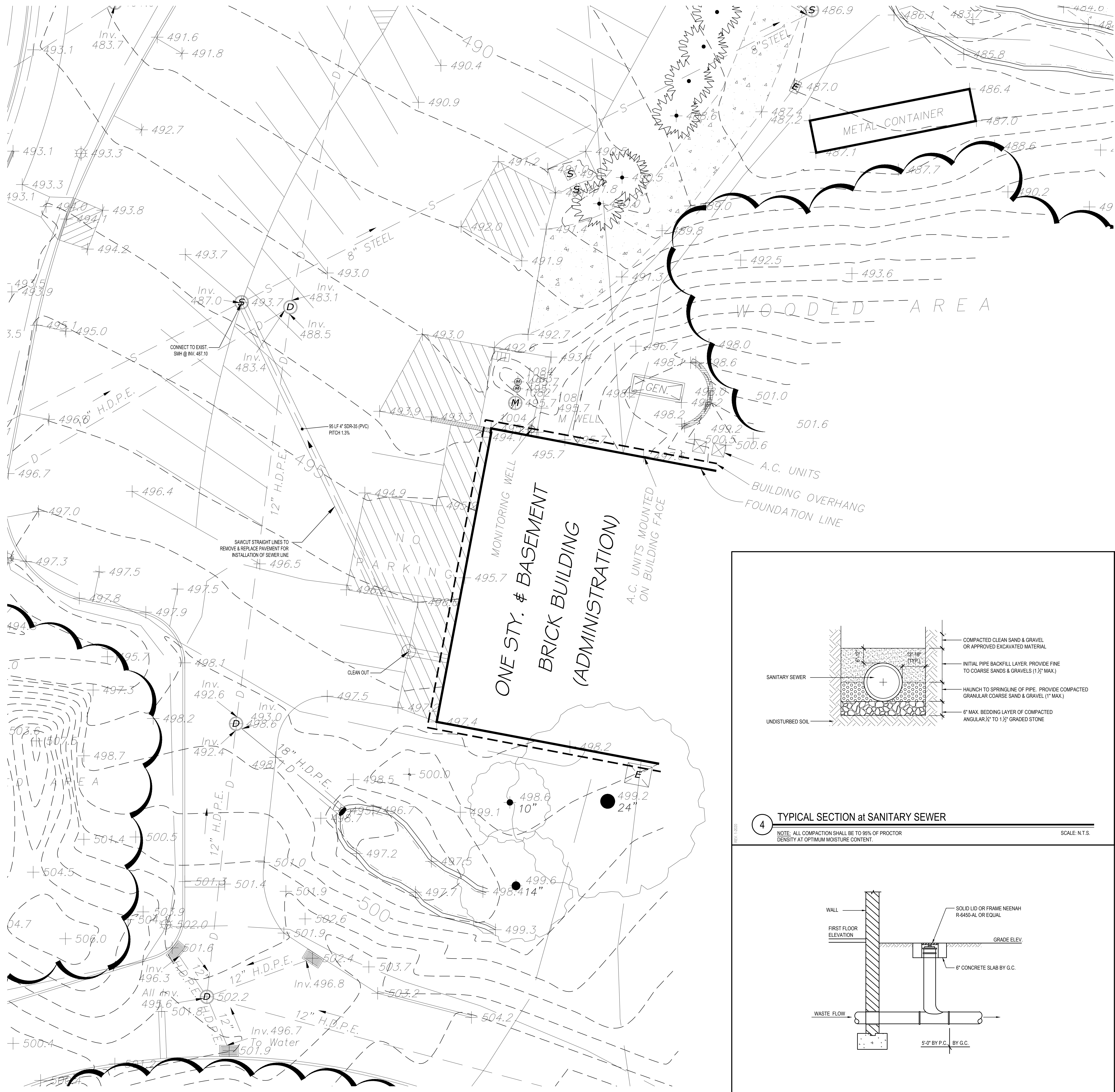
UNDERGROUND UTILITIES MARK-OUT BY  
ENVIROPROBE SERVICES, INC.  
81 Mariner Avenue, Laurel, N.J.  
(609) 658-6504 (800) 566-7472

**ENVIROPROBE**  
SERVICE  
INCORPORATED

**FOX LANE HIGH SCHOOL**  
&  
**FOX LANE MIDDLE SCHOOL**  
632 South Bedford Rd., Bedford, NY 10506

Project	Sheet
RKL JOB # 9241	4
Date	JUNE 21, 2023
Scale	1 inch = 80 feet





SITE SEWER PLAN

SCALE: 1" = 10'-0"

GENERAL NOTES

- ALL PAVED SURFACES SHALL PITCH 1% MIN. IN THE DIRECTION OF THE NEAREST DRAIN INLET OR THE DIRECTION AS SHOWN ON THE PLANS.
- ALL PAVED SURFACES ON AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM CROSS PITCH OF 2% UNLESS OTHERWISE NOTED. OUTSIDE OF ACCESSIBLE ROUTES THE PITCH SHALL NOT EXCEED 5%.
- INDICATED SPOT GRADES REPRESENT FINISHED GRADES UNLESS OTHERWISE NOTED.
- LANDSCAPED AREAS SHALL BE GRADED FLUSH WITH THE TOP OF CURBS AND PAVEMENTS TO MEET EXISTING GRADE EXCEPT WHERE OTHERWISE NOTED.
- CAUTION SHALL BE EXERCISED DURING GRADING OPERATIONS SO AS NOT TO RAISE OR LOWER GRADE IN THE VICINITY OF EXISTING TREES TO THE EXTENT THAT ROOTS ARE EXPOSED OR BURIED.
- ALL NEW PAVEMENT AREAS TO BE INSTALLED TO SMOOTH, EVEN GRADE. CORRECT LOW SPOTS AND GRADE DISCREPANCIES BY FILLING AND CUTTING AS REQUIRED.
- MEET EXISTING GRADES AT PROPERTY LINES AND LIMIT OF WORK LINES WHERE INDICATED.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES, CLEARLY MARK AND PROTECT DURING EXCAVATION.
- SEE DRAWING CS600 SERIES DRAWINGS FOR PAVING AND DRAINAGE DETAILS.
- DRAINAGE AND SANITARY PIPE LAYING LENGTHS ARE MEASURED TO THE CENTERLINE OF MANHOLES AND TO THE INSIDE FACE OF CATCH BASINS AND DRAIN INLETS.
- CONTRACTOR SHALL CLEAN EXISTING DRAINAGE STRUCTURES AND PIPES TO REMAIN OF ALL SILT AND DEBRIS AS SHOWN.

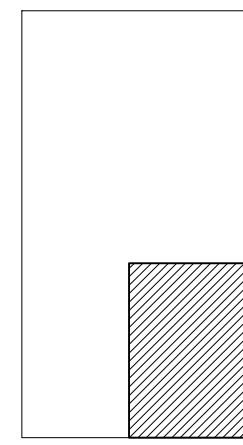
SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PROPOSED TOPOGRAPHIC CONTOUR
	PAVEMENT PITCH DIRECTION
	GRADING LIMIT LINE (G.L.L.)
	PROPOSED SPOT ELEVATION
	EXISTING TOPOGRAPHIC CONTOUR
	EXISTING SPOT ELEVATION
	NEW ITEM DETAIL TAG - SEE CS600 SERIES
	EXISTING DRAINAGE STRUCTURE

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING

DWG TITLE  
SITE SEWER PLAN

DRAWING BY: CTC  
CHECK BY: JP

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F. 631.475.0361 | F. 518.621.7655

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SED No: 66-01-02-06-1-008-014

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: PHASE 2 - BOND IMPROVEMENTS

DWG TITLE: SITE SEWER PLAN

SCALE: AS NOTED

DATE: APRIL 2024

BID PICK-UP: FEBRUARY 24, 2025

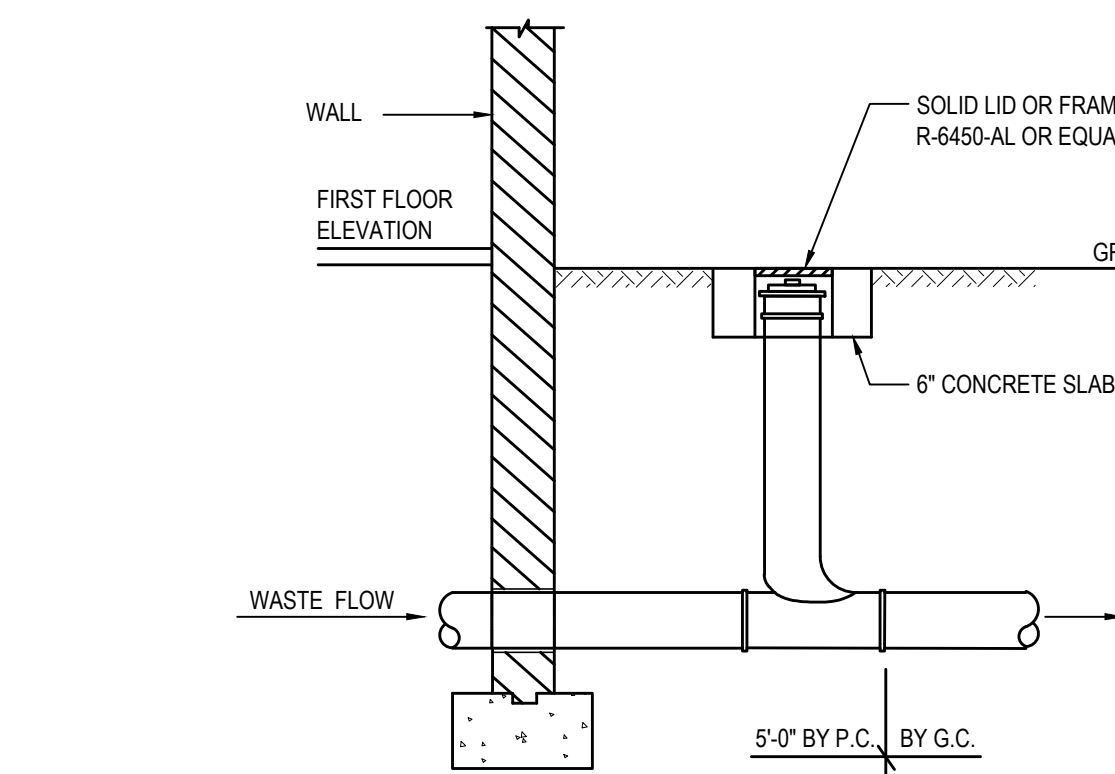
FILE No: 23-131C ADMIN

CS4.01

4 TYPICAL SECTION at SANITARY SEWER

NOTE: ALL COMPACTION SHALL BE TO 95% OF PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.

SCALE: N.T.S.

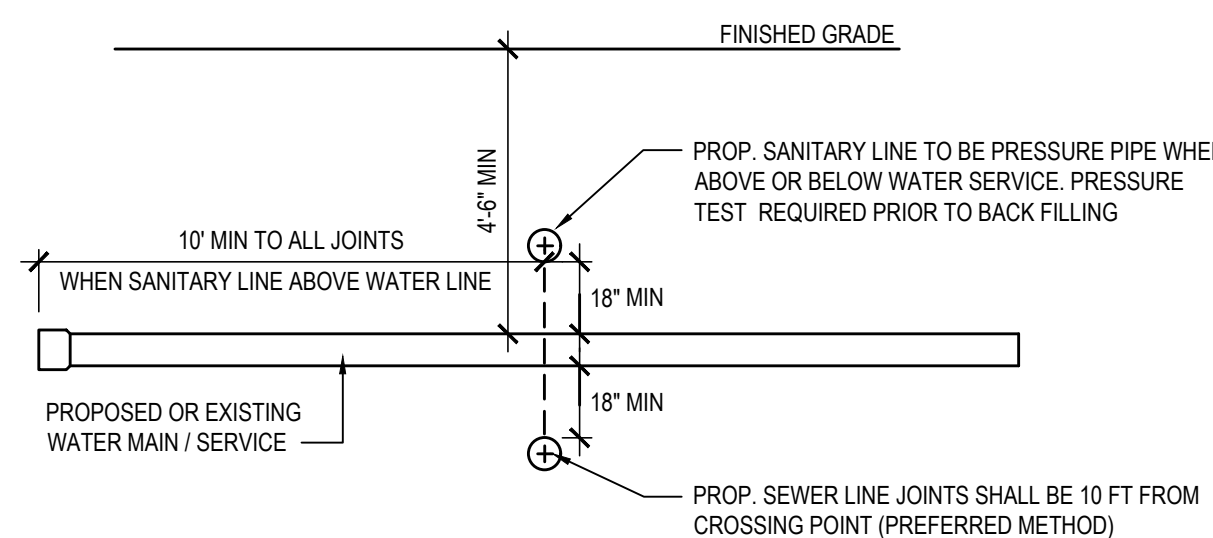


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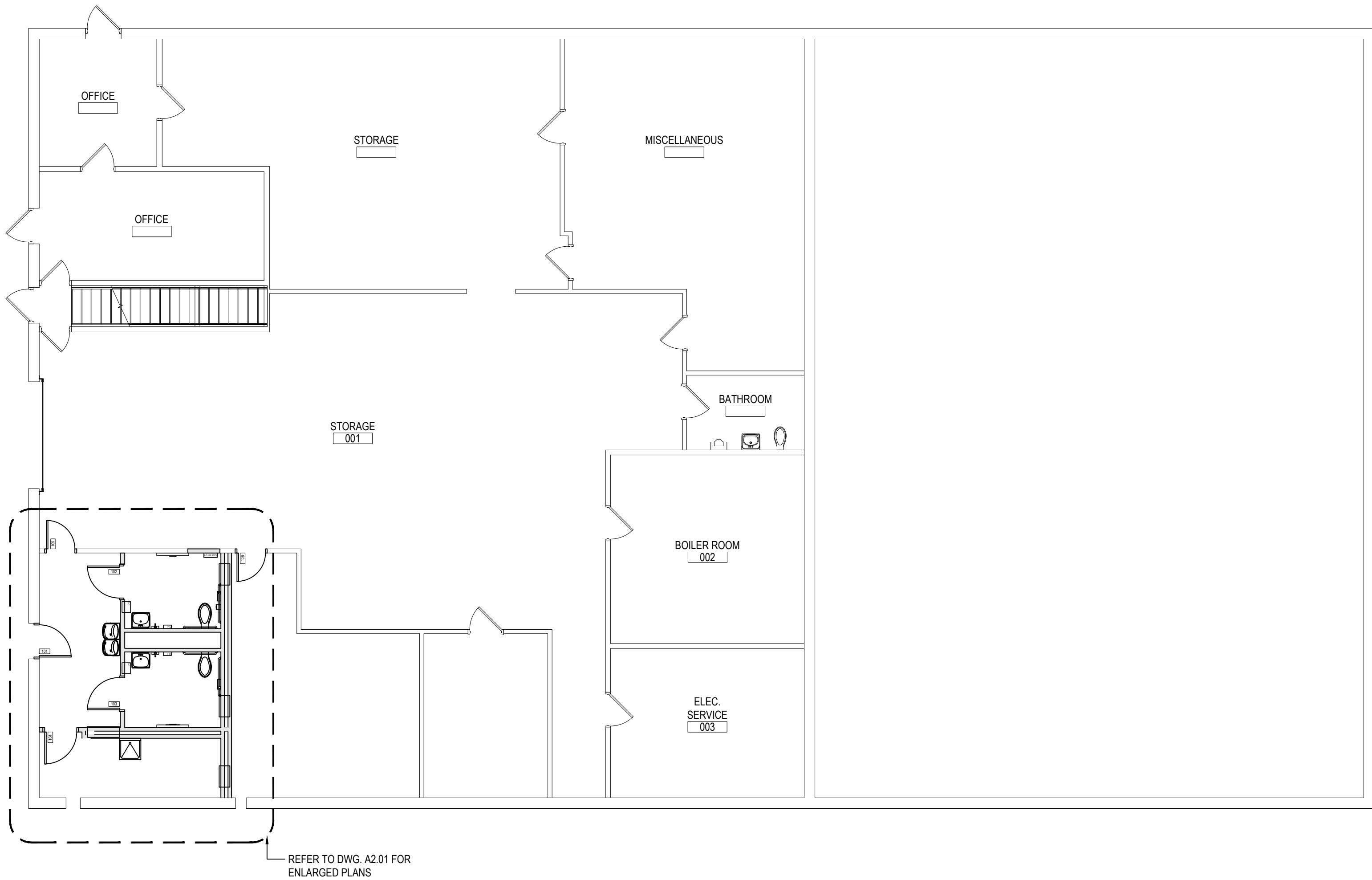
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3 SANITARY / WATER CROSSING DETAIL

SCALE: N.T.S.

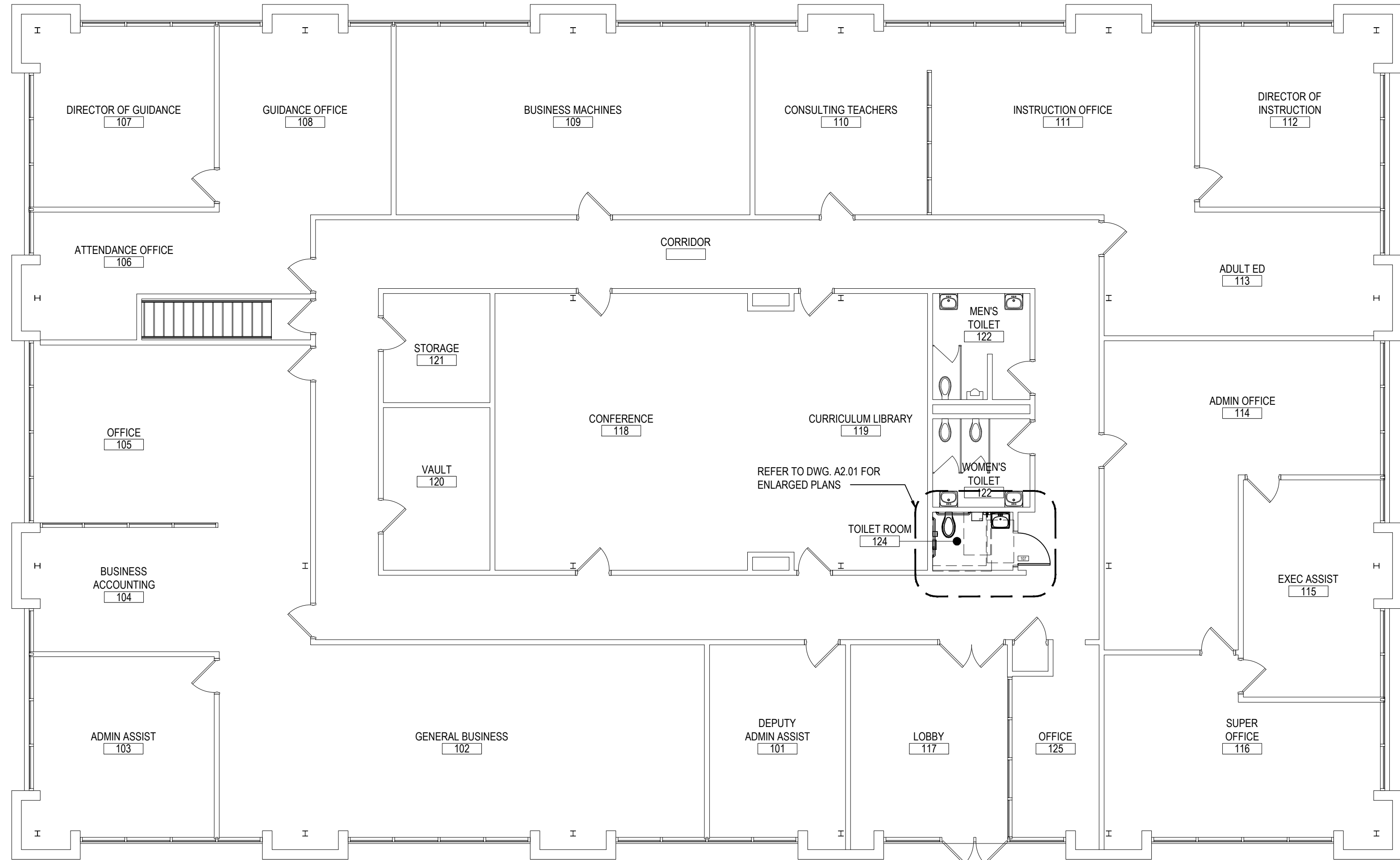






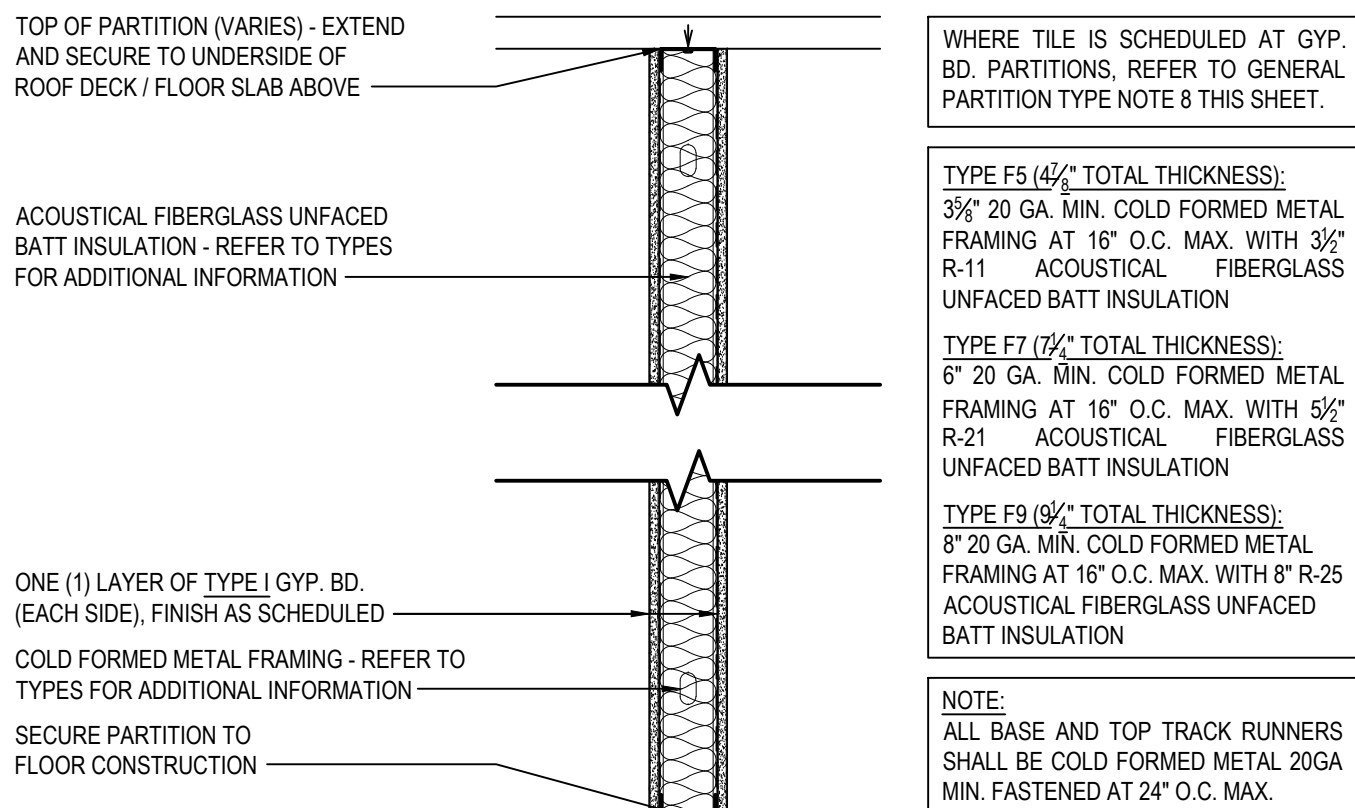
OVERALL BASEMENT FLOOR PLAN

SCALE: 1/8" = 1'-0"



OVERALL FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"



**F5** 5" NOM. GYP. BD. METAL STUD PARTITION

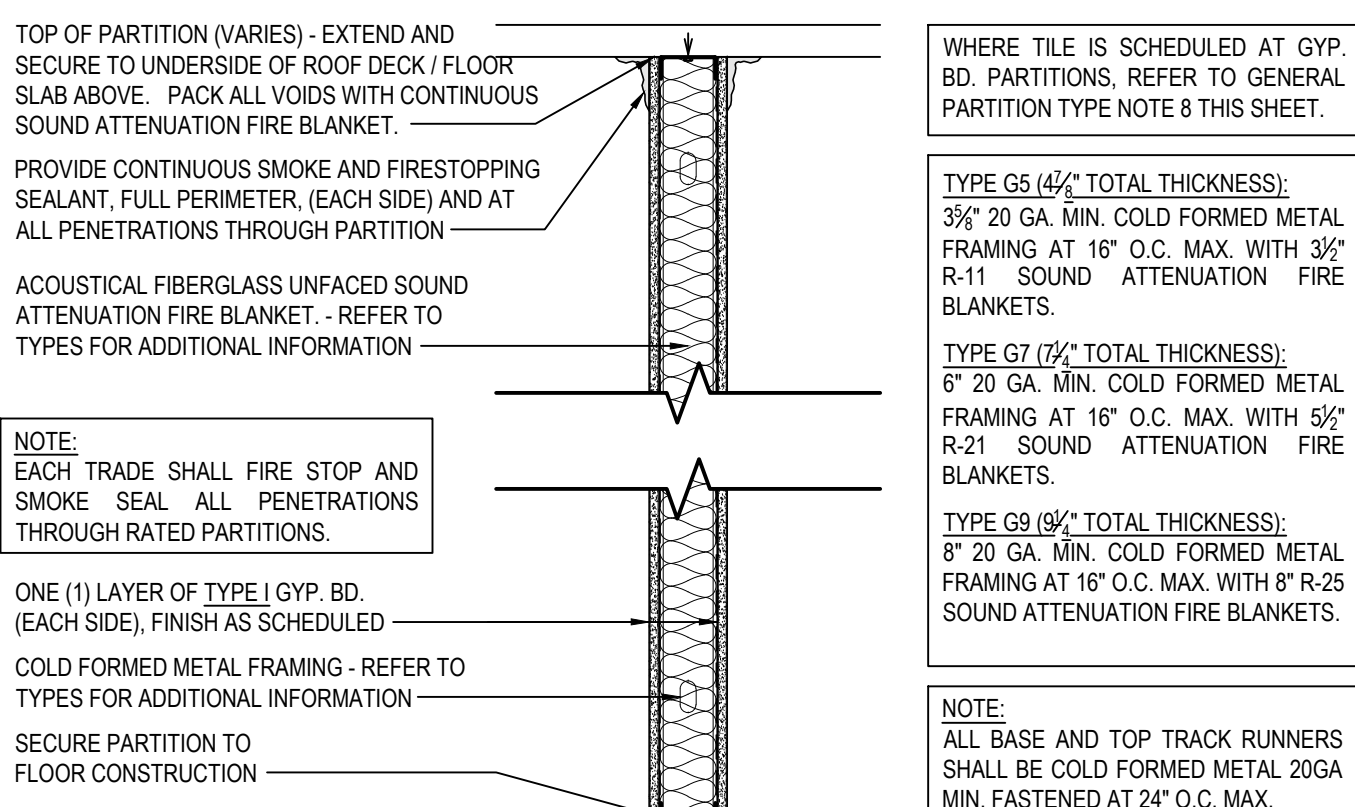
NON-RATED / NON-BEARING INTERIOR PARTITION

**F7** 7" NOM. GYP. BD. METAL STUD PARTITION

NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

**F9** 9" NOM. GYP. BD. METAL STUD PARTITION

NON-RATED / NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



**G5** 5" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

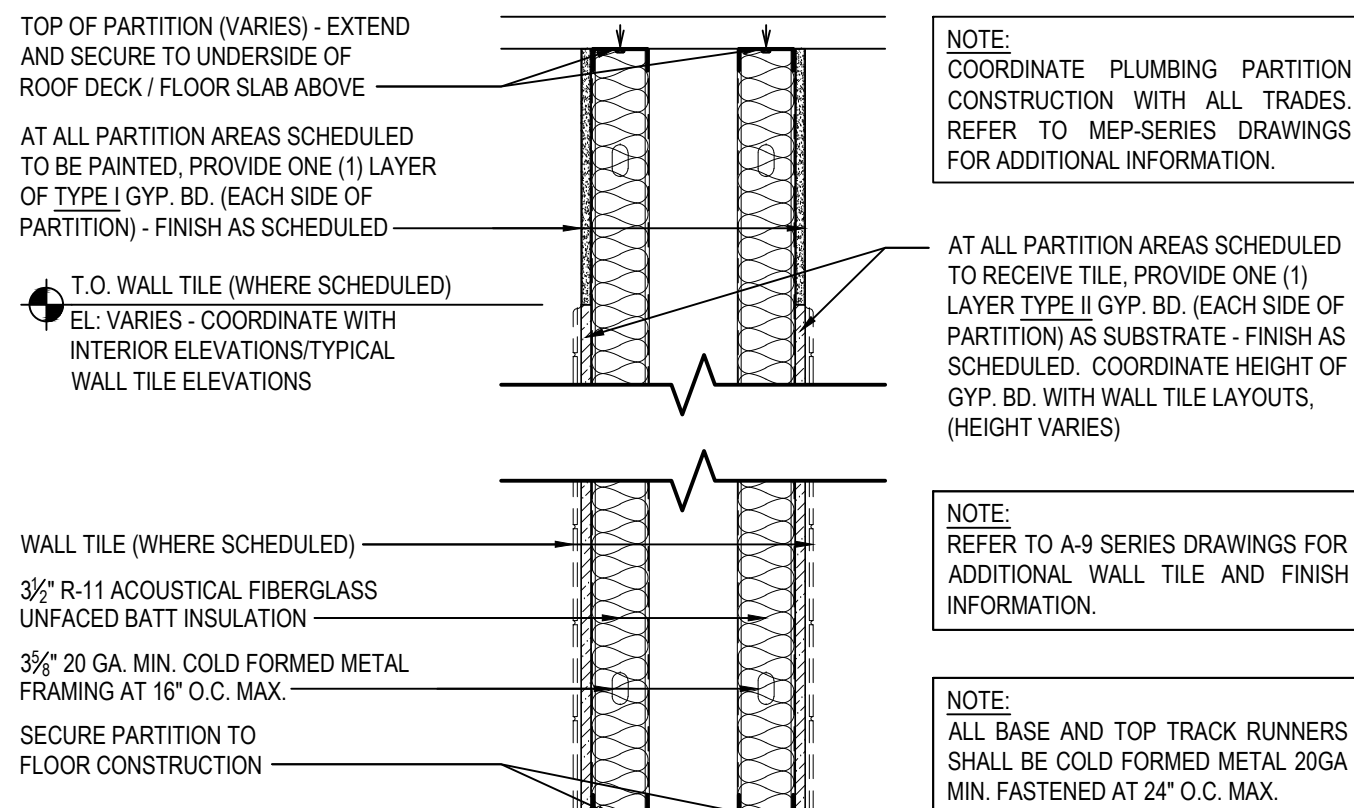
UL U419 / STC 49, NON-BEARING INTERIOR PARTITION

**G7** 7" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN

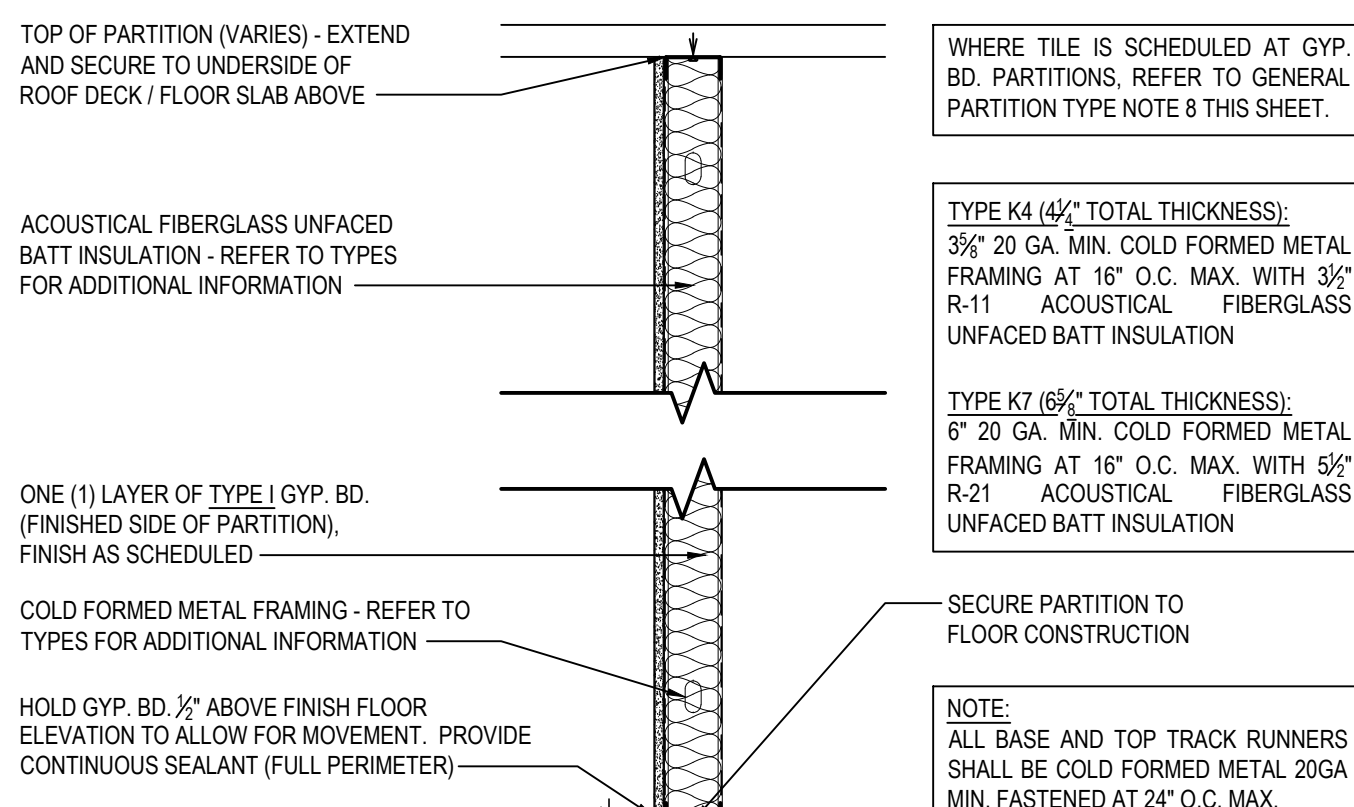
**G9** 9" NOM. GYP. BD. METAL STUD PARTITION (1-HR RATING)

UL U419 / STC 49, NON-BEARING INTERIOR PARTITION, GRAPHIC SIMILAR AS SHOWN



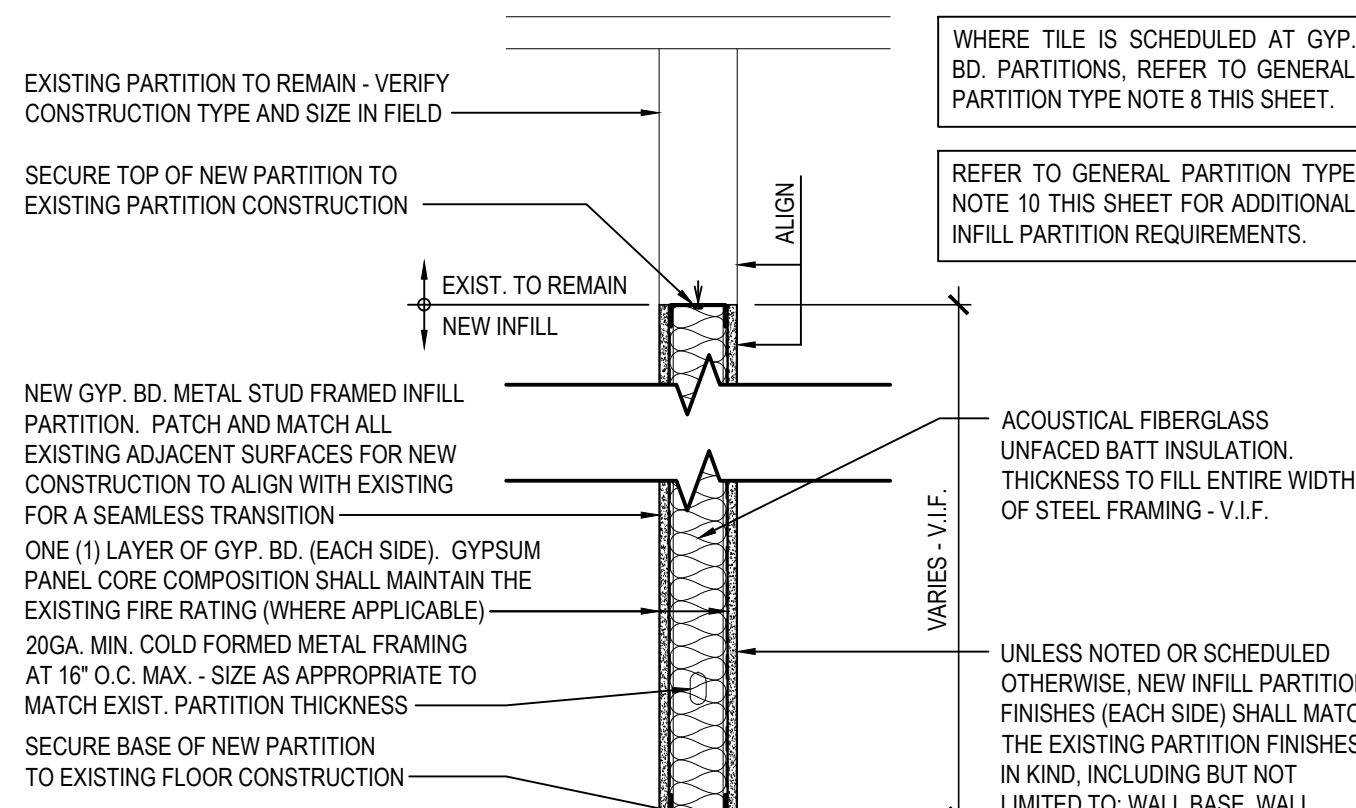
**L** GYP. BD. METAL STUD PLUMBING PARTITION

REFER TO ENLARGED TOILET ROOM PLANS FOR ADDITIONAL INFORMATION



**K4** 4" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED

**K7** 7" NOM. GYP. BD. METAL STUD PARTITION - SINGLE SIDED

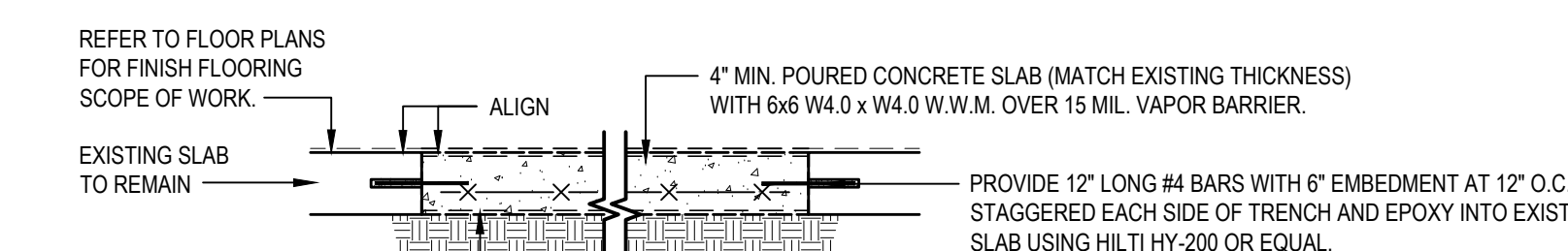


**O** GYP. BD. METAL STUD INFILL PARTITION

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN FIELD

GENERAL PARTITION TYPE NOTES:

- ALL PARTITIONS SHALL EXTEND TO UNDERSIDE OF A FLOOR SLAB OR ROOF DECK UNLESS OTHERWISE NOTED.
- AT ALL PARTITIONS THAT ARE DESIGNATED TO BE FIRE RATED PARTITIONS, PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT AT TOPS OF PARTITIONS; AT ALL PENETRATIONS THROUGH RATED PARTITIONS, AND FIRE SAFING JOINT FILLER AT PARTITION TO SLAB/DECK JUNCTION.
- REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS/ASSEMBLIES AND ADDITIONAL FIRE RATING INFORMATION.
- ALL PARTITIONS SHALL BE FINISHED AS SCHEDULED. ALL FINISHES SHALL BE CONTINUOUS AT ALL PARTITION FACES UNLESS NOTED OTHERWISE. REFER TO A9-SERIES FOR ADDITIONAL FINISH INFORMATION.
- ALL NEW PARTITIONS SHALL BE PREPARED, PRIMED AND PAINTED. REFER TO SPECIFICATION SECTION 090900.
- REFER TO THE PROJECT MANUAL FOR CONTROL AND EXPANSION JOINT REQUIREMENTS FOR ALL MASONRY WALL CONSTRUCTION. GYP. BD. WALL CONSTRUCTION, GYP. BD. LAMINATION, AND PLASTER SURFACING.
- REFER TO SPECIFICATIONS FOR GYPSUM BOARD TYPE DESIGNATIONS AND APPLICABLE LOCATIONS (GYP. BD. TYPE I / TYPE II).
- WHERE METAL STUD FRAMED PARTITIONS ARE SCHEDULED TO RECEIVE NEW TILE FINISHES, THE CONTRACTOR SHALL PROVIDE GYPSUM WALL BOARD TYPE II AT THE LOCATIONS TO RECEIVE TILE (ONLY) IN LIEU OF THE SCHEDULED GYP. BD. TYPE FOR A SUITABLE WALL FINISH SUBSTRATE. REFER TO A-9 SERIES FOR ADDITIONAL INFORMATION.
- ALL NEW OPENINGS IN METAL STUD PARTITIONS, INCLUDING BUT NOT LIMITED TO DOORS AND WINDOWS, SHALL RECEIVE THE APPROPRIATE HEADER AS DESIGNED BY THE LIGHT GAUGE FRAMING MANUFACTURER.
- WHERE EXISTING OPENINGS IN EXISTING PARTITIONS ARE SCHEDULED TO BE INFILLED, THE NEW INFILL CONSTRUCTION SHALL MAINTAIN AND MATCH THE EXISTING ADJACENT SURFACES IN KIND. CONTRACTOR TO V.I.F.
- AT ALL LOCATIONS WHERE NEW WORK IS SCHEDULED, THE CONTRACTOR SHALL PROVIDE SOLID BLOCKING, LATERAL BRACING, AND ADDITIONAL FRAMING AS REQUIRED TO SECURE NEW PARTITIONS TO THE STRUCTURE ABOVE AND TO ACCOMMODATE ALL NEW WALL MOUNTED FIXTURES, ACCESSORIES, EQUIPMENT, ETC.
- WHERE PARTITION TYPES ARE NOT SPECIFICALLY IDENTIFIED IN PLAN, IT IS THE INTENT THAT THE GRAPHICALLY INDICATED WALL TYPE SHALL BE CONTIGUOUS UNTIL INTERRUPTED BY ANOTHER SPECIFIED WALL TYPE.



**TYPICAL SLAB SAWCUT NOTE**

EACH TRADE SHALL SAWCUT AND REMOVE PORTIONS OF EXISTING CONCRETE SLAB-ON-GRADE TO ACCOMMODATE INSTALLATION OF NEW UNDER-SLAB UTILITIES AND PATCH SLAB AND FINISH FLOORING. SLAB SHALL BE SCANNED VIA GROUND PENETRATING RADAR (GPR) AND/OR OTHER METHODS AS DEEMED APPROPRIATE AND MARKED-OUT FOR BURIED AND/OR EMBEDDED PIPING, DUCT BANKS, ELECTRICAL CONDUIT, AND OTHER UTILITIES. EACH CONTRACTOR SHALL EXERCISE CARE IN SLAB DEMOLITION IN THE VICINITY OF LOCATED UTILITIES AND ALTER METHODS OF SLAB DEMOLITION AS APPROPRIATE. FINAL EXTENT AND LOCATIONS OF SLAB REMOVAL TO BE COORDINATED BETWEEN TRADES IN THE FIELD. EACH TRADE WILL BE RESPONSIBLE FOR REPAIR OF ANY UTILITIES CUT OR DAMAGED BY THEIR SLAB REMOVAL, WHETHER REVEALED BY SCANNING OR NOT. ANY DAMAGE TO UTILITIES CAUSED DURING EXCAVATION BY OTHER TRADES WILL BE THE RESPONSIBILITY OF THE TRADE WHICH CAUSED THE DAMAGE.

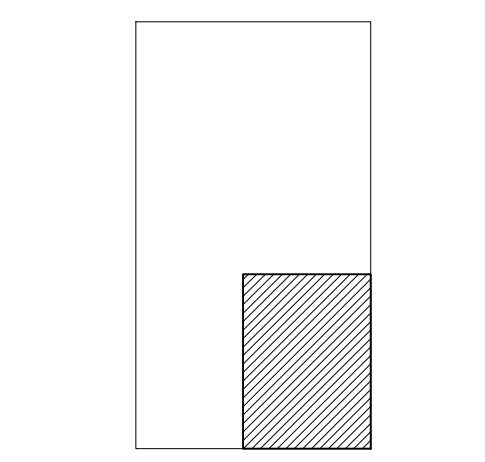
**1** TYPICAL SLAB ON GRADE SAWCUT INFILL DETAIL

SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

**BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING**  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**PROJECT**  
DRAWING BY: BCM  
CHECK BY: PJH

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**SED No.** 66-01-02-06-1-008-014

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE** PARTITION TYPES and DETAILS

**SCALE:** AS NOTED  
**DATE:** APRIL 2024  
**BID PICK-UP:** FEBRUARY 24, 2025  
**FILE No.:** 23-131C **ADMIN.**

**A2.00**

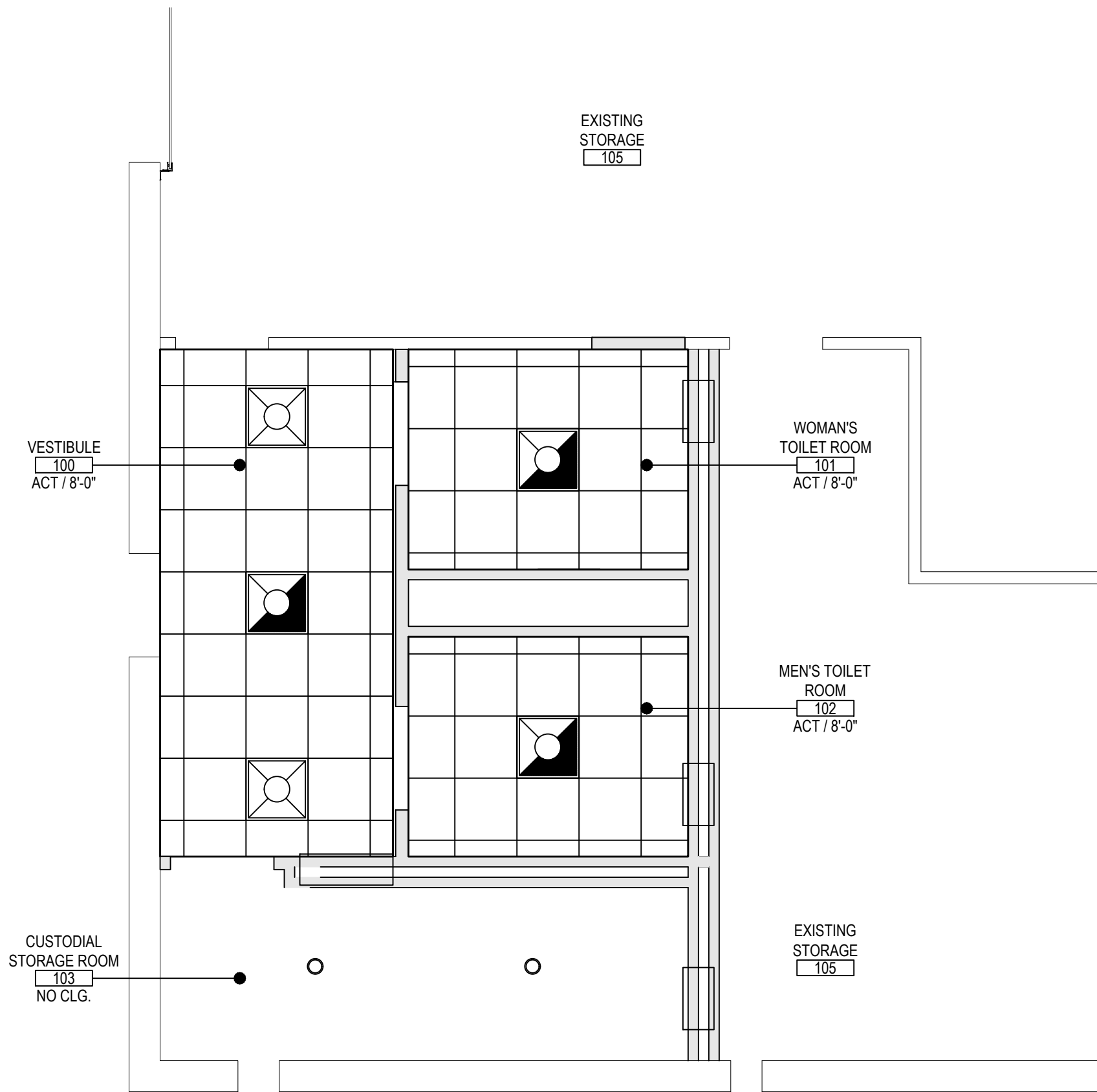






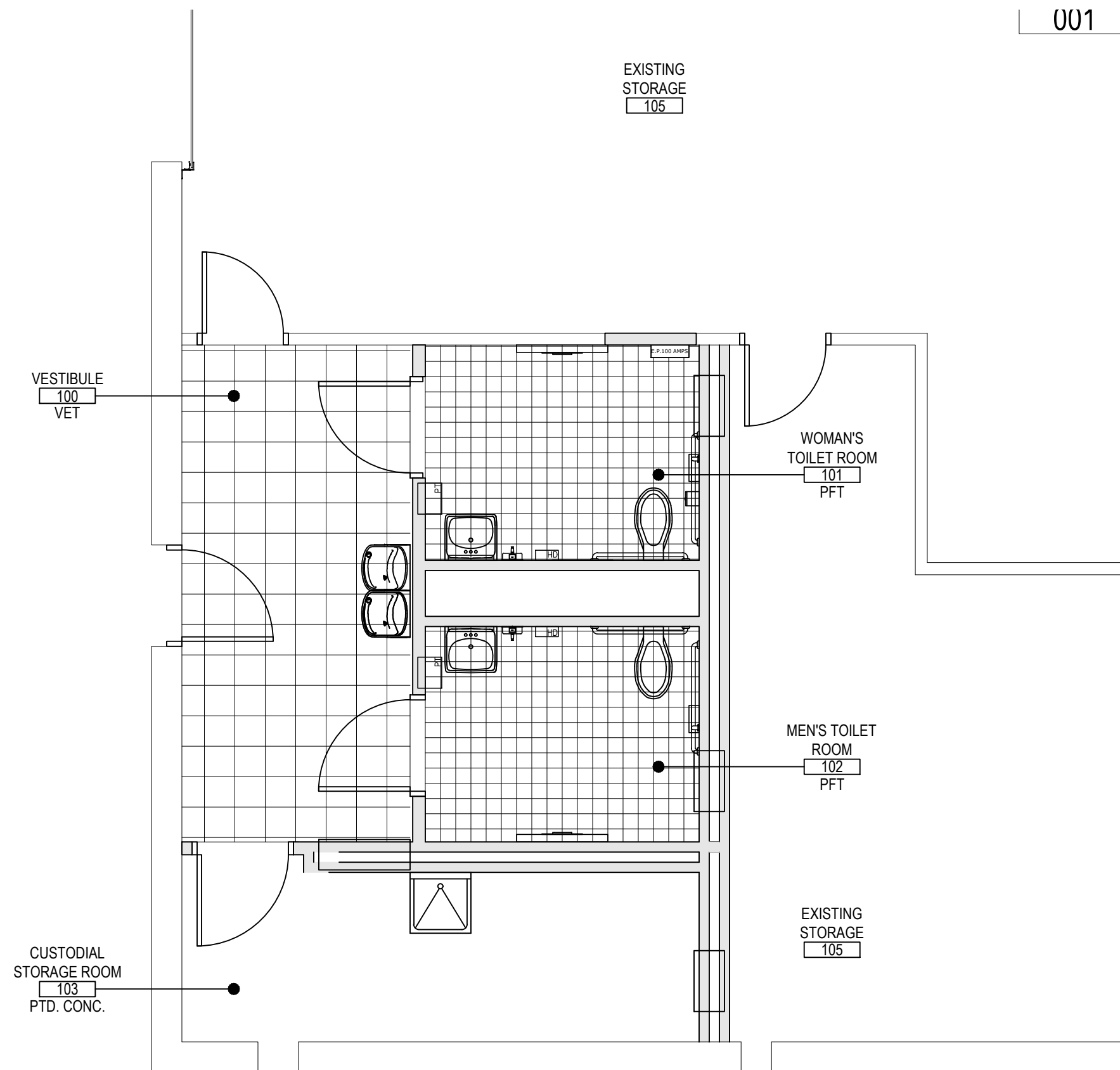
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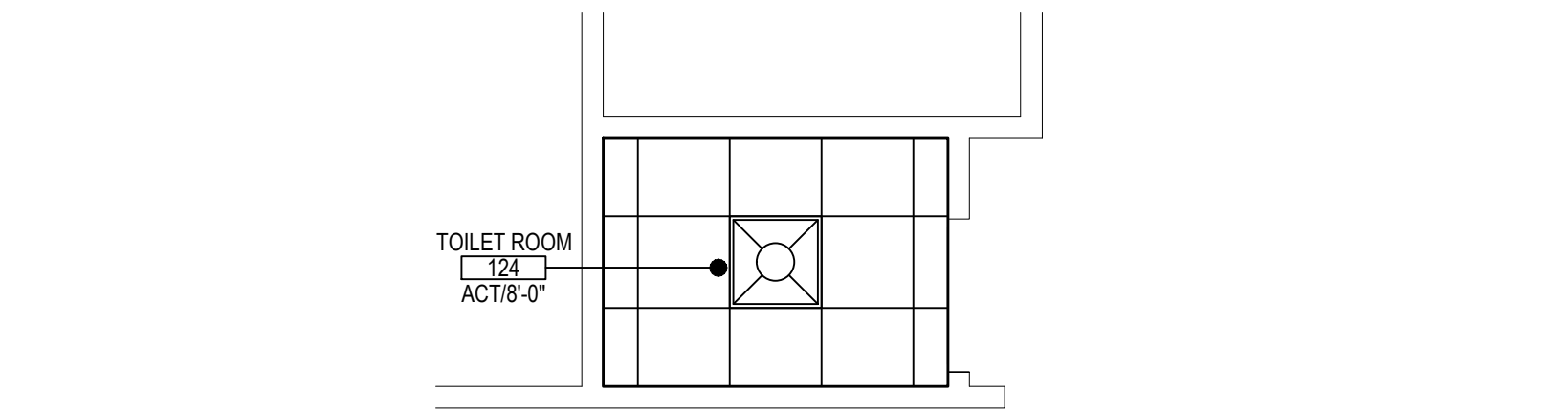
BASEMENT REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



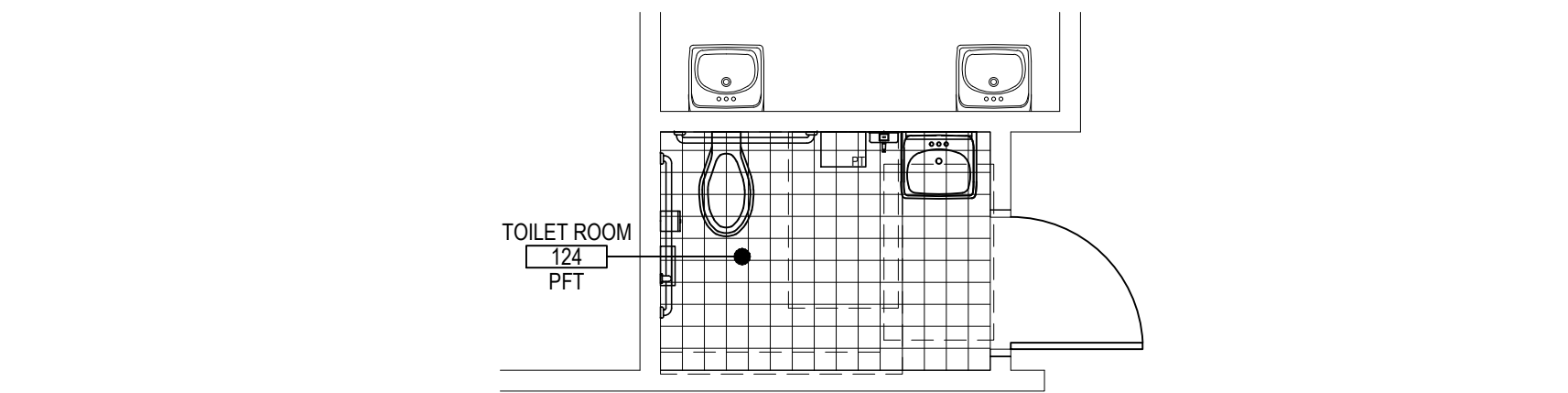
BASEMENT FINISHED FLOOR PLAN

SCALE: 1/4" = 1'-0"



FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



FIRST FLOOR FINISHED FLOOR PLAN

SCALE: 1/4" = 1'-0"

ABBREVIATIONS			
ACT	ACOUSTIC CEILING TILE	VET	VINYL ENHANCED TILE
CTILE	CARPET TILE	LVT	LUXURY VINYL TILE
PFT	PORCELAIN FLOOR TILE	GYP	GYPSUM BOARD
CMU	CONCRETE MASONRY UNIT	RUB	RUBBER FLOOR TILE
CTCB	CERAMIC TILE COVE BASE	RCB	RUBBER COVE BASE
CWT	CERAMIC WALL TILE	TERR	TERRAZZO / TERRAZZO BASE
EPOXY	EPOXY TERRAZZO	VCT	VINYL COMPOSITION TILE

- FINISH NOTES**
- ALL FINISHED TYPES (STYLE/COLOR/PATTERN) SHALL BE OFF THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE / COLOR / PATTERN TO BE SELECTED BY ARCHITECT.
  - ALL INTERIOR AND EXTERIOR C.M.U. SURFACES SHALL BE PRIMED WITH SHERWIN WILLIAMS PRO INDUSTRIAL HEAVY DUTY BLOCK FILLER B 42 SERIES PRIOR TO FINISH PAINT APPLICATION.
  - ALL NEW BRICK WALLS ARE TO REMAIN NATURAL, CLEANED AND SEALED, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - CONTRACTOR SHALL PREP, PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY M.C.) COLOR AS SELECTED BY ARCHITECT.
  - BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
  - REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
  - ALL INTERIOR FINISHES IN CORRIDOR SHALL BE 'CLASS - A' RATED.
  - PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR AT POINTS OF DEMOLITION TO MATCH EXISTING. EXISTING FINISHES TO REMAIN.
  - SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, THE CONTRACTOR MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
  - AT ROOMS HAVING EXISTING FLOOR TILE TO BE REMOVED AND / OR ABATED, CONTRACTOR SHALL PROVIDE AND INSTALL FLOOR PATCH (PLAN/PATCH PLUS) BY 'MAPEI' OR ARCHITECT APPROVED EQUAL OVER ENTIRE EXISTING SUBSTRATE AND / OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SPECIFIED FOR INSTALLATION OF FINISH FLOORING AS SPECIFIED ON FINISH SCHEDULE.
  - HOLLOW METAL DOOR FRAMES, SIDE LIGHTS AND WINDOW FRAMES SHALL BE PREPARED AND PAINTED AS PER PAINTING SPECIFICATION 099000. (ALL COLORS AS SELECTED BY ARCHITECT.)
  - CONTRACTOR SHALL PREP, PRIME AND PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED.
  - REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED AND TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX AND PERCENTAGES AS INDICATED IN THE PROJECT MANUAL.
  - ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
  - REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION.
  - NEW TOILET AND URINAL PARTITIONS SHALL BE 1" THICK HDPE AS MANUFACTURED BY SCRANTON, ASI GLOBAL PARTITIONS, OR APPROVED EQUAL. (COLOR AND FINISH TO BE SELECTED BY ARCHITECT).
  - GENERAL CONTRACTOR SHALL PROVIDE TERMINATION STRIPS, RUBBER REDUCERS, EDGE GUARDS, ADAPTERS AND TRANSITIONS BETWEEN DISSIMILAR MATERIALS AND HEIGHT DIFFERENTIALS BOTH TO PROTECT THE FINISH EDGE OR TO PROVIDE AN ADA ACCESSIBLE TRANSITION.

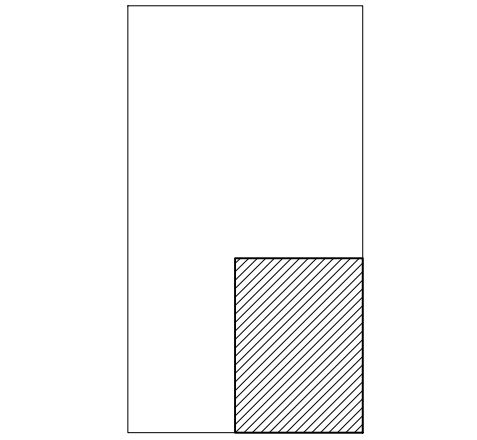
SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	ROOM TAG, CEILING TILE TYPE AND FINISH CEILING ELEVATION (A.F.F.)
	NO CLG. OPEN TO STRUCTURE AND DECK ABOVE (PAINT)
	SUSPENDED ACOUSTICAL CEILING TILE AND GRID
	VINYL ENHANCED TILE
	PORCELAIN FLOOR TILE
	PAINTED CONCRETE
	2x2' RECESSED LED LIGHT FIXTURE MODEL NO. CRUZE ST 22C22-LD5-24-UNV-LSS3-CD-U1
	1' X 4' SURFACE MOUNT LIGHTING FIXTURE

- TYPICAL REFLECTED CEILING PLAN NOTES**
- CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND / OR ELECTRICAL CEILING MOUNTED ITEMS. REFER TO M - SERIES AND E - SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
  - CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION WITH NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
  - PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERSECTIONS AND WHERE INDICATED ON PLANS.
  - UNLESS OTHERWISE NOTED, ALL SOFFITS AND WINDOW POCKETS SHALL BE 3/4" TYPE 'X' GYP. BOARD OVER 18 GA. COLD FORMED FRAMING AT 16" O.C.
  - ALL AREAS NOTED AS 'OPEN' AND / OR 'NO CEILING (CLG.)' SHALL BE PAINTED - INCLUDING BUT NOT LIMITED TO DECK, STRUCTURE, DUCTWORK, ETC.)
  - ACOUSTICAL CEILINGS SHALL HAVE A FLAME SPREAD OF 25 OR LESS COMPLYING WITH 'ASTM E-84'; SMOKE DEVELOPED RATING OF 80 OR LESS COMPLYING WITH PERFORMANCE REQUIREMENTS AND PHYSICAL CHARACTERISTICS OF THE SPECIFIED CEILINGS AS INDICATED IN THE REFLECTED CEILING PLAN. (ASTM E-1284)
  - ACOUSTICAL CEILINGS SHALL HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) RATING OF 0.65.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**BEDFORD CENTRAL SCHOOL DISTRICT**  
**PHASE 2 - BOND IMPROVEMENTS**  
**ADMINISTRATION BUILDING**  
TOWN OF BEDFORD / WESTCHESTER COUNTY

**REFLECTED CEILING PLAN and FINISH FLOOR PLAN**

**PROJECT**

DRAWING BY: BCM  
CHECK BY: PJH

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**SED No.** 66-01-02-06-1-008-014

**DISTRICT** BEDFORD CENTRAL SCHOOL DISTRICT

**PROJECT** PHASE 2 - BOND IMPROVEMENTS

**DWG TITLE** REFLECTED CEILING PLAN and FINISH FLOOR PLAN

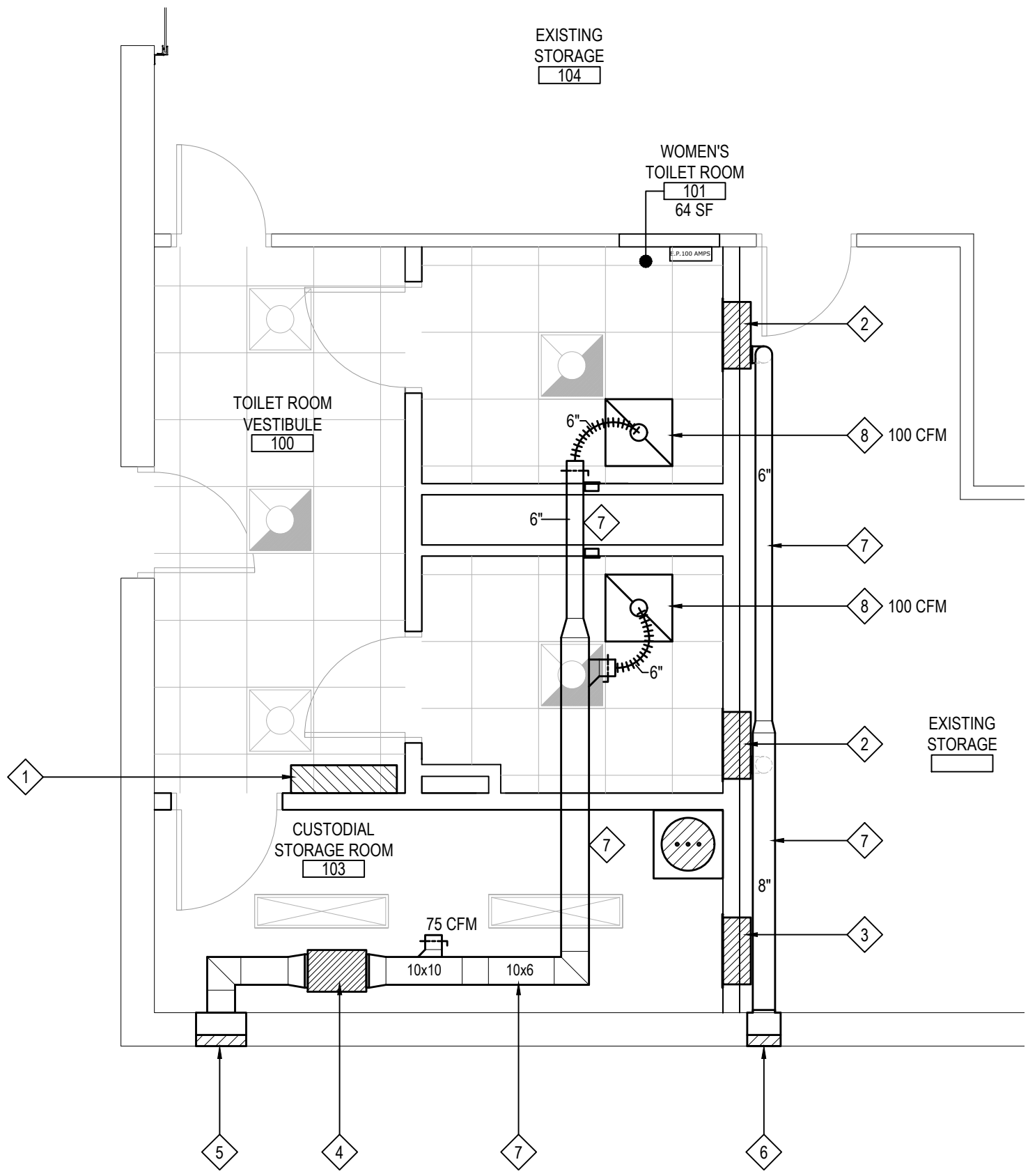
**SCALE** AS NOTED

**DATE** APRIL 2024

**BID PICK-UP** FEBRUARY 24, 2025

**FILE No.** 23-131C ADMIN





PROPOSED TOILET ROOM PLAN - LOWER LEVEL MECHANICAL LAYOUT

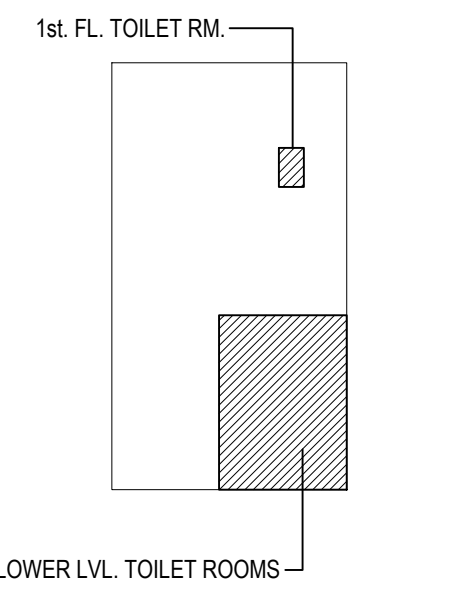
SCALE: 1/4" = 1'-0"

NEW MECHANICAL CONSTRUCTION NOTES

- MC to provide & install a new electric cabinet unit heater in the vestibule at the location shown. New cabinet unit heater shall be a "Sleipro" #ACBH0381CTW, 3kW, 208v / 1 ph., fully exposed cabinet, arrangement "TF", 300 cfm. New unit to be wired by the EC. Unit shall come with a unit mounted built-in thermostat, on-off switch, unit sub base, & built in disconnect switch. Unit shall have a fully finished cabinet on all sides & back.
- MC to provide & install a new electric cabinet unit heater at the location shown. New cabinet unit heater shall be a "Sleipro" #ACBH0281CTW, 2kW, 208v / 1 ph., fully recessed cabinet, arrangement "TF", 300 cfm. New unit to be wired by the EC. Unit shall come with a unit mounted built-in thermostat, on-off switch, full recess trim ring & built in disconnect switch. Unit shall have a fully finished cabinet on the front only.
- MC to provide & install a new electric cabinet unit heater in the Storage / Custodial Room at the location shown. New cabinet unit heater shall be a "Sleipro" #ACBH0281CTW, 2kW, 208v / 1 ph., fully recessed cabinet, arrangement "TF", 300 cfm. New unit to be wired by the EC. Unit shall come with a unit mounted built-in thermostat, on-off switch, recess trim ring, & built in disconnect switch. Unit shall have a fully finished cabinet on the front only.
- MC shall provide & install a new in-line exhaust fan, mtd. +/- 7'-0" x 11' at the location shown. New fan shall be a "Penn Barry" #SX085S, 1/2 hp, 120v, 435 cfm @ 1" s.p., 5.5 zones. Provide speed control for fan, mtd. in Custodial / Storage room. Provide backdraft damper. Provide a 7 day programmable timer to provide day / night operation of fan, mtd. in Custodial / Sto. room. Provide all supports for fan, tied into structure above. Provide kindorf or other steel rail systems as required to provide support for the fan. Use rubber in shear vibration isolators on hangers & flexible duct connections at inlet & outlet of fan.
- MC shall provide & install a new 18x12 louver & duct box through the wall where shown. Backing galvanized sheet metal box shall be 18x12 & shall extend completely through the wall. Provide bird screen for louver. Louver to be .081 l. extruded aluminum blades / jambs. Provide louver in color as selected by architect.
- MC shall provide & install a new 12x12 louver & duct box through the wall where shown. Backing galvanized sheet metal box shall be 12x12 & shall extend completely through the wall. Provide bird screen for louver. Louver to be .081 l. extruded aluminum blades / jambs. Provide louver in color as selected by architect.
- MC shall provide new ductwork as shown. New galvanized steel ductwork shall be constructed per SMACNA standards. Provide all supports, duct seal, fittings, etc. as required. New ductwork for outdoor air applications must be insulated per the latest edition of the NYS Energy Conservation Code. New exhaust ductwork is not required to be insulated. Provide volume dampers for each diffuser / each point of connection to cabinet unit heaters.
- MC shall provide a new "Nalor" #4260 egg crate exhaust grille w/ 6" dia. round collar at the locations shown. Provide support for grilles from the structure above (not the ceiling grid). Balance each grille to the value(s) shown on the plan.

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
LOWER LEVEL MECHANICAL PLAN

DRAWING BY: BCM  
CHECK BY: PJH

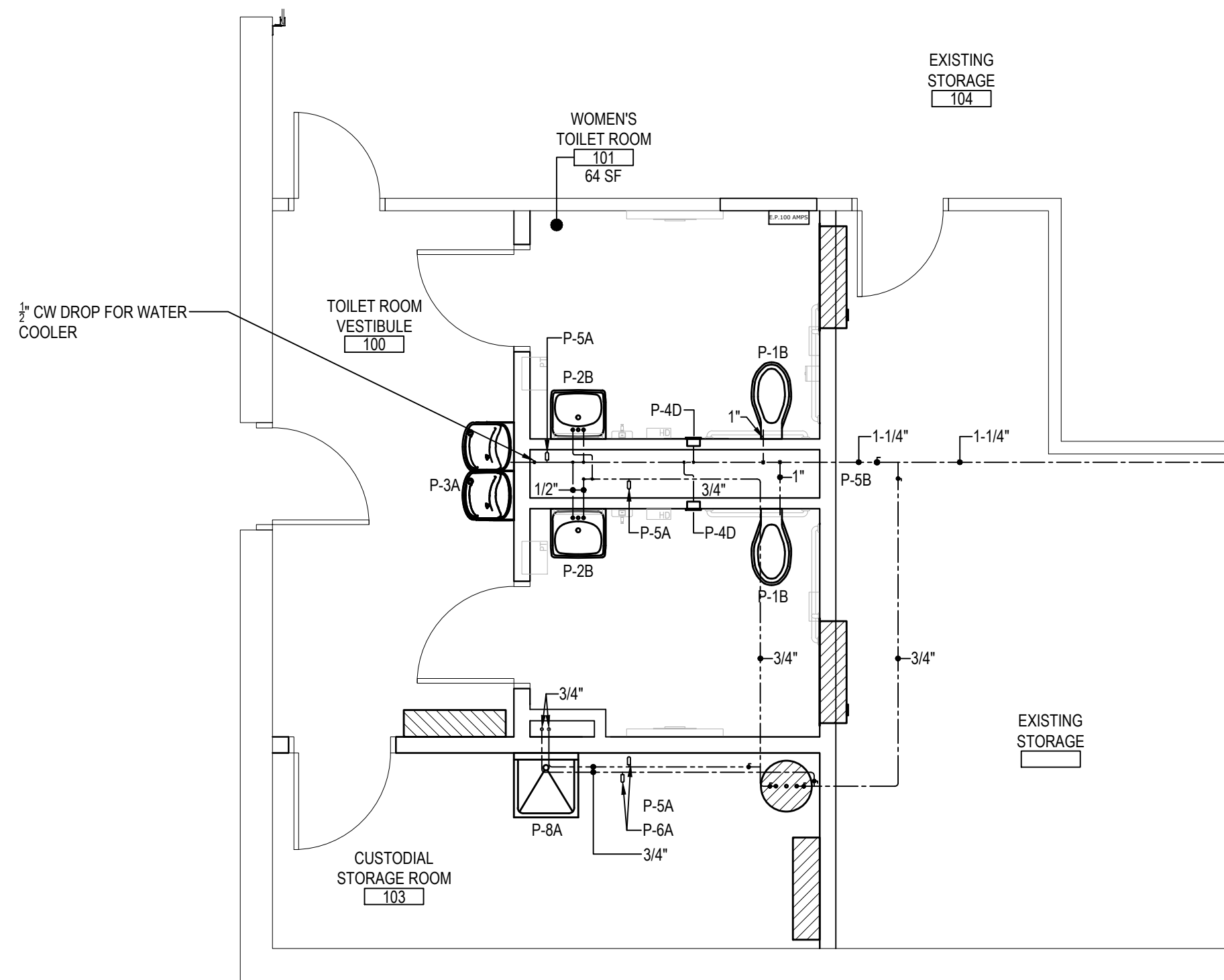
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SED No: 66-01-02-06-1-008-014  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: LOWER LEVEL MECHANICAL PLAN  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131C ADMIN.

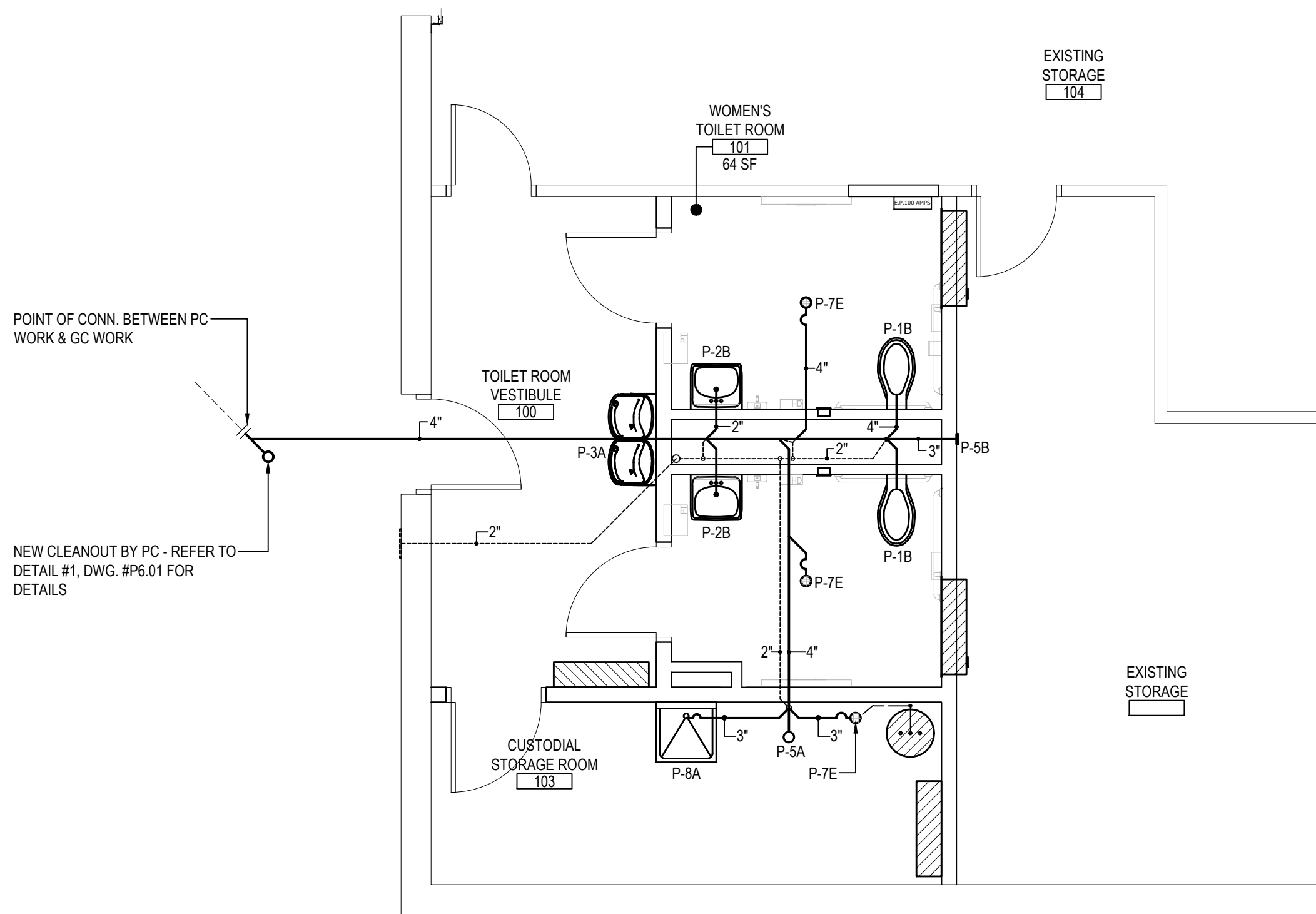
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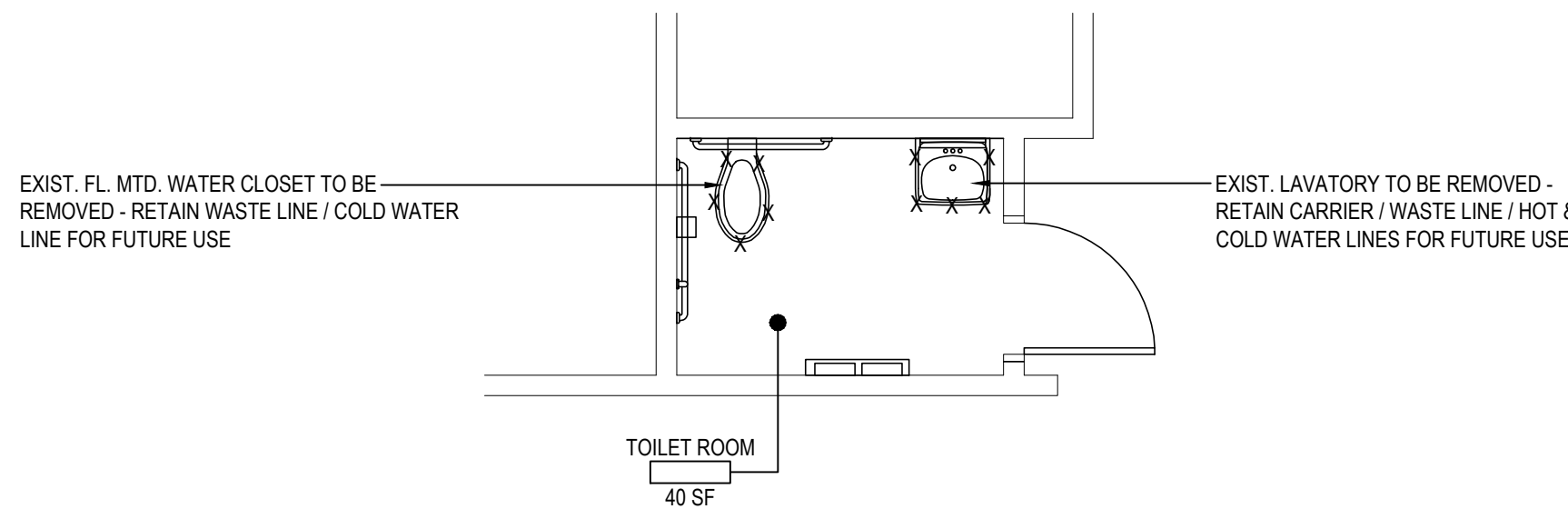
PROPOSED TOILET ROOM PLAN - LOWER LEVEL WATER PIPING LAYOUT

SCALE: 1/4" = 1'-0"



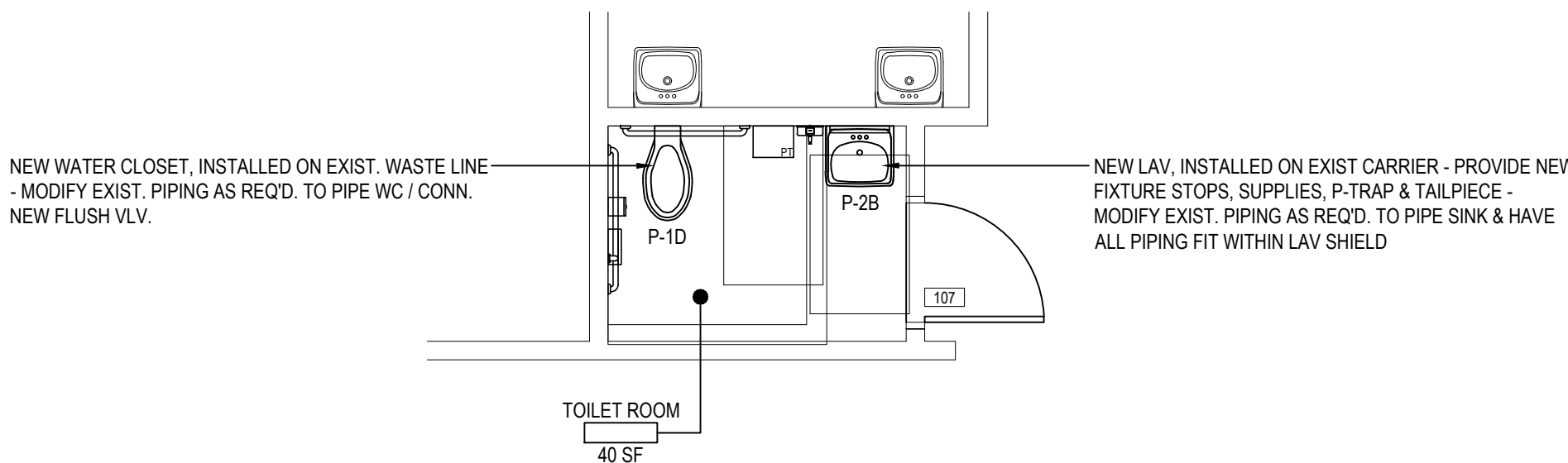
PROPOSED TOILET ROOM PLAN - LOWER LEVEL SANITARY PIPING LAYOUT

SCALE: 1/4" = 1'-0"



DEMOLITION PLAN (1st FLOOR TOILET ROOM)

SCALE: 1/4" = 1'-0"



PROPOSED TOILET ROOM PLAN (1st FLOOR TOILET ROOM)

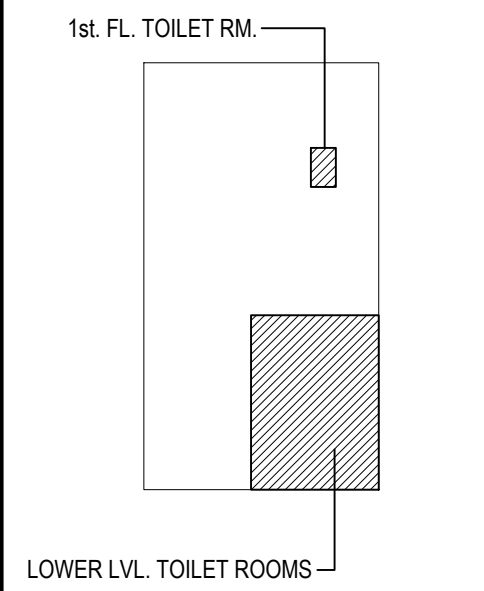
NOTE: USE ADULT HEIGHT FIXTURES.

SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

NOTICE

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KEY PLAN

NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING  
TOWN of BEDFORD / WESTCHESTER COUNTY

DWG TITLE  
TOILET ROOM PLANS and DETAILS

DRAWING BY: BCM  
CHECK BY: PJH

NOTICE

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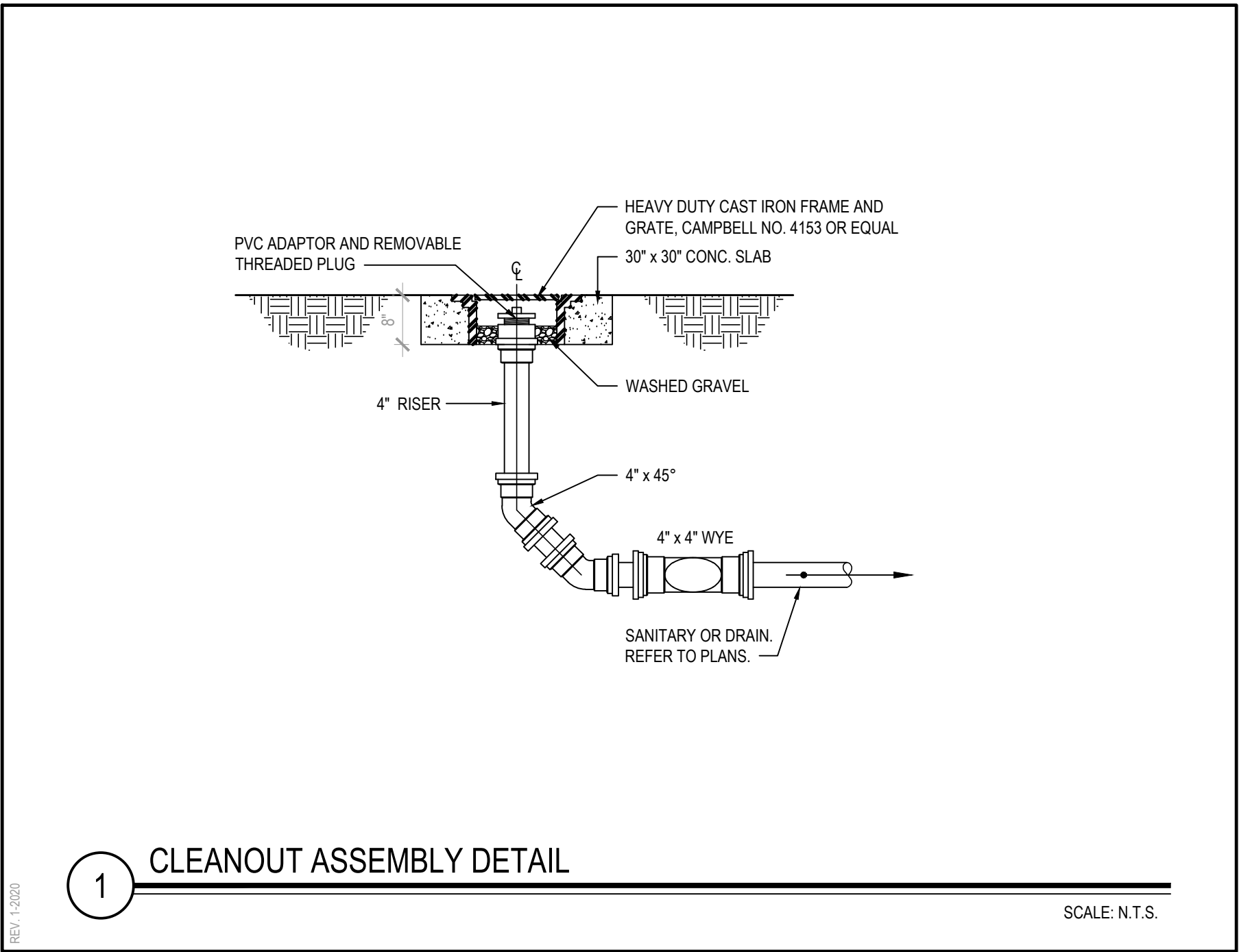
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SED No: 66-01-02-06-1-008-014  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: TOILET ROOM PLANS and DETAILS  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131C ADMIN

P2.01

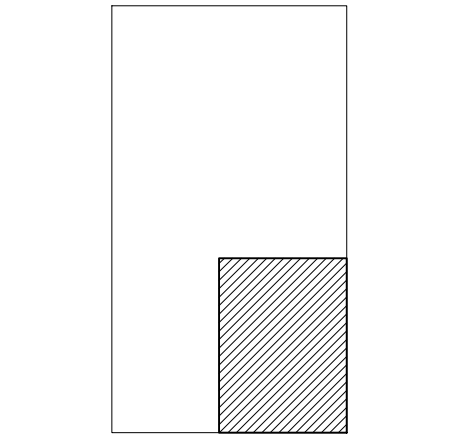


PLUMBING FIXTURE TYPES									
FIXTURE TYPE	TAG NO.	FIXTURE	TRAP SIZE	VENT SIZE	COLD WATER	HOT WATER	TEMPERED WATER	DESCRIPTION	
WATER CLOSET	P-1B	ADA ACCESSIBLE WALL MOUNTED WATER CLOSET	4"	2"	1½"	--	--	ZURN MODEL# Z5615-BWL-AM, ECOVANTAGE HIGH-EFFICIENCY TOILET SYSTEM VITREOUS CHINA, 1.1 GPF OR GREATER HIGH-EFFICIENCY WALL HUNG TOILET WITH SIPHON JET FLUSHING ACTION, ZURN SHIELD CERAMIC GLAZE AND ELONGATED FRONT RIM WITH 1-1/2" SPUD. ZURN MODEL# Z178200-ONE-LL, EXPOSED, QUIET PISTON-TYPE, CHROME-PLATED FLUSHOMETER VALVE WITH A POLISHED EXTERIOR, COMPLETE WITH CHLORAMINE-RESISTANT, FILTERED PISTON KIT. THE VALVE INCORPORATES A BATTERY-POWERED SOLENOID ACTUATOR, AN AUTOMATIC SENSOR WITH A MANUAL OVERRIDE, PUSH BUTTON, AND A ROBUST VANDAL-RESISTANT METAL COVER. ZURN MODEL# Z5956SS-EL-AM, 1" HIGH, IS AN ELONGATED, EXTRA HEAVY DUTY, PREMIUM WHITE, OPEN FRONT TOILET SEAT WITH LESS COVER AND STAINLESS STEEL CHECK HINGE. PROVIDE A WALL CARRIER FOR TOILET SYSTEM. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.	
WATER CLOSET	P-1D	ADA ACCESSIBLE FLOOR MOUNTED WATER CLOSET	4"	2"	1½"	--	--	ZURN MODEL# Z5665-BWL-L-AM, ECOVANTAGE HIGH-EFFICIENCY TOILET SYSTEM VITREOUS CHINA, 1.1 GPF OR GREATER, 16-3/4" HIGH WITH 1" HIGH TOILET SEAT, FLOOR MOUNTED, BOTTOM OUTLET TOILET WITH SIPHON JET FLUSHING ACTION AND ELONGATED FRONT RIM WITH 1-1/2" SPUD. ZURN MODEL# Z178200-ONE-LL, EXPOSED, QUIET PISTON-TYPE, CHROME-PLATED FLUSHOMETER VALVE WITH A POLISHED EXTERIOR, COMPLETE WITH CHLORAMINE-RESISTANT, FILTERED PISTON KIT. THE VALVE INCORPORATES A BATTERY-POWERED SOLENOID ACTUATOR, AN AUTOMATIC SENSOR WITH A MANUAL OVERRIDE, PUSH BUTTON, AND A ROBUST VANDAL-RESISTANT METAL COVER. BATTERY POWERED SOLENOID ACTUATOR, AUTOMATIC SENSOR WITH MANUAL OVERRIDE, PUSH BUTTON, AND ROBUST VANDAL-RESISTANT METAL COVER. ZURN MODEL# Z5956SS-EL-AM ELONGATED, 1" HIGH EXTRA HEAVY DUTY, PREMIUM WHITE, OPEN FRONT TOILET SEAT, LESS COVER, WITH STAINLESS STEEL CHECK HINGE.	
LAVATORY	P-2B	ADA ACCESSIBLE TOILET ROOM LAVATORY	1½"	1½"	½"	½"	½"	ZURN MODEL# Z3341 WALL-MOUNTED CONCEALED CARRIER ARM LAVATORY - SINGLE HOLE 20" X 18" VITREOUS CHINA WALL-MOUNTED LAVATORY WITH SINGLE FAUCET HOLE, PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS, FRONT OVERFLOW. ZURN MODEL# Z5956-XL-S-F ZURN HYDRO-X POWER SENSOR FAUCETS, CHROME-PLATED CAST BRASS SENSOR FAUCET WITH INFRARED PROXIMITY SENSOR, A STANDARD 0.5 GPM FLOW CONTROL AND MOUNTING HARDWARE. ZURN MODEL# P6900-TMV-1-XL THERMOSTATIC LEAD FREE VALVE MEETS ASSE 1070. ZURN MODEL# Z3746-PC, CHROME PLATED CAST BRASS OPEN GRID DRAIN STRAINER, AND CHROME PLATED CAST BRASS ELBOW, FURNISHED WITH 1-1/4 17 GAUGE CHROME PLATED TUBULAR BRASS OFFSET TAILPIECE FOR SINK DEPTH TO 2-1/2. ZURN MODEL# Z2702-PC TO Z2709-PC, CHROME-PLATED CAST BRASS (COPPER ALLOY) BODY P-TRAP WITH CLEAN-OUT, TUBULAR BRASS WALL BEND AS SPECIFIED, DIE-CAST NUTS, AND SHALLOW ESCUTCHEON WITH COMPRESSION INLET. ZURN MODEL# Z2802-XL-LR-PC TO Z8809-XL-LRLK-PC, TWO ZURN CHROME PLATED, SOLID BRASS ANGLE STOPS WITH ROUND WHEEL HANDLES OR LOOSE KEY AS SPECIFIED. TWO 12" FLEXIBLE CHROME PLATED COPPER LAVATORY RISERS COMPLETE WITH TWO CHROME PLATED STEEL FLANGES. ZURN MODEL# Z8808-XL-LR-PC TO Z8809-XL-LRLK-PC INCLUDE 51(12MM) CHROME PLATED COPPER EXTENSION TUBES AND DEEP BELL STEEL FLANGES. TRUEBRO MODEL# Z016-AS-LAV SHIELD ENCLOSURE. ZURN MODEL# Z1231 LAVATORY SUPPORT SYSTEM WITH CONCEALED ARMS, COMPLETE WITH DURA-COATED RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVES, ALIGNMENT TRUSS, AND MOUNTING FASTENERS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.	
WATER COOLER	P-3A	BI-LEVEL WATER COOLER WITH BOTTLE FILL STATION	2"	1½"	½"	--	--	FURNISH AND INSTALL ELKAY MODEL# L25TL8W5LP FILTERED BI-LEVEL SELF-CONTAINED WALL HUNG ELECTRIC REFRIGERATED WATER COOLER AT 8-GPH CHILLING CAPACITY AT 50 DEG. F WATER, LIGHT GRAY GRANITE FINISH, LEAD FREE, RATED 370-WATTS, 115-VOLTS, SINGLE PHASE, WITH EASY TOUCH FRONT AND SIDE PUSHBAR CONTROLS, FLEXI-GUARD SAFETY BUBBLER AND MODEL E2H20 BOTTLE FILLER STATION LOCATED ON THE LEFT SIDE (LOW-HI) ADA COOLER, WEIGHT 98-LBS. INSTALL ADA COOLER PER GUIDELINES 32" FROM FLOOR TO ORIFICE HEIGHT. FURNISH WITH MODEL# MLP200 BI-LEVEL IN WALL CARRIER.	
WALL HYDRANT	P-4D	WALL HYDRANT (INTERIOR)	--	--	¾"	--	--	ZURN MODEL# Z13350-CL-34FS ENCASED, ECOCLOTROLTM, LEAD-FREE, ANTI-SIPHON, MODERATE CLIMATE / INTERIOR WALL HYDRANT FOR FLUSH INSTALLATION. HYDRANT FEATURES ALL-BRONZE INTERIOR COMPONENTS WITH 1/2 TURN LONG-LIFE CERAMIC DISC CARTRIDGE, 3/4" FEMALE SOLDER INLET CONNECTION, AND 3/4" MALE HOSE CONNECTION. HYDRANT FURNISHED WITH TYPE 304 STAINLESS STEEL FLANGED HOUSING WITH LOCKING HINGED COVER STAMPED "WATER" AND INCLUDES OPERATING KEY.	
CLEANOUT	P-5A	FLOOR CLEAN-OUT	--	--	--	--	--	ZURN MODEL# ZN1400-BZ-LVP CLEAN-OUT, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, WITH GAS AND WATER TIGHT THREADED ABS TAPERED PLUG, POLISHED NICKEL BRONZE TOP AND VANDAL-PROOF SCREWS. (CLEANOUT SIZE TO MATCH PIPE SIZE)	
CLEANOUT	P-5B	WALL CLEAN-OUT	--	--	--	--	--	ZURN MODEL# Z1468-VP WALL CLEAN-OUT, ROUND STAINLESS STEEL WALL ACCESS COVER COMPLETE WITH SECURING SCREW AND BRONZE RAISED HEX HEAD PLUG. (CLEANOUT SIZE TO MATCH PIPE SIZE)	
ARRESTOR	P-6A	WATER HAMMER ARRESTOR	--	--	¾"	--	--	QATEY QUIET PIPES HAMMER ARRESTORS SIZE A-F. ARRESTOR CHAMBERS SHALL BE SPECIFICALLY SIZED TO ACCOMMODATE AND DISSIPATE ENERGY GENERATED BY SUCH VALVES AND FAUCETS. ARRESTORS SHALL BE EFFECTIVE WHEN INSTALLED ANY ANGLE. ARRESTOR SHALL BE LEAD-FREE, MADE OF COPPER AND INCLUDE POLYPROPYLENE PISTON WITH TWO NBR O-RINGS. ARRESTORS SHALL BE ANSISASSE1010-2017 CERTIFIED AND APPROVED FOR INSTALLATION WITH NO ACCESS PANEL. REQUIRED: ARRESTOR BODY COPPER(TYPE K), PISTON POLYPROPYLENE WITH TWO NBR O-RINGS PISTON, LUBRICATION: DOW CORNING MOLYKOTE 111, FITTINGS AVAILABLE: MALES SWEAT/PRESS, FEMALE CPVC, MIP, F1807 PEX & F1960 PEX(NO LEAD BRASS C46400), TEMPERATURE RANGE:33°F-180°F, MAX WORKING PRESSURE: 0-400 PSI. ANSISASSE1010-2004CUPC PDI WH-201-2017.	
FLOOR DRAIN	P-7E	LOW PROFILE ADJUSTABLE FLOOR DRAIN	4"	2"	--	--	--	ZURN MODEL# ED-2322-ST LOW PROFILE ADJUSTABLE FLOOR DRAIN, RECOMMENDED FOR FINISHED FLOOR AREAS WHERE IS NOT REQUIRED. THE DRAIN IS DESIGNED FOR FOOT TRAFFIC AND LIGHT CART APPLICATIONS. COMPLETE WITH CAST IRON BODY AND ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY, 1/2" P-TRAP PRIMER CONNECTION WITH PLUG. OPTIONS CHROME PLATED, POLISHED BRASS, 6" DIAMETER NICKEL HEAD ASSY. VANDAL-PROOF. FURNISH AND INSTALL WITH J.R. SMITH MODEL# Z692-04 QUAD CLOSE TRAP SEAL.	
SERVICE SINK	P-8A	FLOOR MOUNTED SERVICE SINK	3"	2"	½"	½"	--	ZURN MODEL# Z1996-36 MOP SERVICE BASIN 24"X36"X10", MOLDED HIGH DENSITY COMPOSITE BASIN WITH AN INTERGRALLY MOLDED, SELF-DRAINING MCP SHELF, PVC DRAIN BODY, STAINLESS STEEL STRAINER & 3" GASKETED OUTLET CONNECTION. CERTIFICATIONS: MEETS ANSI Z124, CSA LISTED , AND IAPMO LIST UNDER FILE#3561. ZURN MODEL# Z343M6-XL POLISHED CHROME-PLATED CAST BRASS 8" SINK FAUCET, LEAD FREE W/ QUARTER TURN CERAMIC DISC CARTRIDGES, 3/8" SHORT SWIVEL INLETS PROVIDING ADJUSTABLE CENTERS FROM 7-1/4" TO 8-3/4", INTEGRAL SERVICE STOPS & A 6" CENTERLINE CAST BRASS SPOUT W/ CHEMICAL RESISTANT VACUUM BREAKER, 3/4" HOSE THREADED OUTLET, PAIL HOOK AND ADJUSTABLE WALL BRACE. UNIT IS FURNISHED W/ 6" VANDAL-RESISTANT COLOR-CODED METAL WRIST BLADE HANDLES.	



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KEY PLAN  
NOT TO SCALE

PROJECT  
BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING  
TOWN of BEDFORD / WESTCHESTER COUNTY  
DWG TITLE  
PLUMBING DEMOLITION / NEW PLUMBING WORK

DRAWING BY: CMW  
CHECK BY: CMW

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SED No: 66-01-02-06-1-008-014  
DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT: PHASE 2 - BOND IMPROVEMENTS  
DWG TITLE: PLUMBING DEMOLITION & NEW WORK  
SCALE: AS NOTED  
DATE: APRIL 2024  
BID PICK-UP: FEBRUARY 24, 2025  
FILE No: 23-131C ADMIN



ELECTRICAL CONSTRUCTION NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NEC, APPLICABLE LOCAL CODES, STATE CODES, SCHOOL WORKING RULES AND SCHEDULE DIRECTIVES, AND THE ENGINEER'S SPECIFICATIONS.
2. THE VOLTAGE CHARACTERISTIC OF EXISTING BUILDING IS 208Y/120V, 3-PHASE, 4-WIRE. THE VOLTAGE CHARACTERISTIC OF THE PROPOSED ADDITIONAL WIRING SHALL BE 208Y/120V DERIVED FROM STEP-DOWN TRANSFORMERS. ALL EQUIPMENT SHALL BE COMPATIBLE WITH THESE CHARACTERISTICS.
3. THE DRAWINGS SHOW SCHEMATICALLY, THE APPROXIMATE LOCATION OF ALL EQUIPMENT, CONDUITS, DEVICES, ETC., THE EXACT LOCATION OF WHICH SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/OWNER WHO RESERVES THE RIGHT TO MAKE PRIOR TO INSTALLATION, ANY REASONABLE CHANGES IN LOCATION INDICATED WITHOUT EXTRA COST TO THE OWNER. CONTRACTOR SHALL VERIFY ALL INDICATED OR APPROXIMATED DIMENSIONS DRAWN OR DENOTED.
4. ELECTRICAL CONTRACTOR SHALL EXAMINE THE SITE TO VERIFY WORK TO BE PERFORMED AS SHOWN ON DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID. ANY DISCREPANCY BETWEEN DRAWING/SPECIFICATIONS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO ARCHITECT/ENGINEERS ATTENTION BEFORE BID SUBMITTAL.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, SERVICE MATERIALS, EQUIPMENT, AND RELATED ITEMS TO COMPLETE THE WORK OF THIS DIVISION, AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, AND ALL STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL HARDWARE SHOWN ON THESE DRAWINGS AND RELATED DETAIL MATERIALS NOT SPECIFICALLY SHOWN OR SPECIFIED.
7. ELECTRICAL CONTRACTOR SHALL PAY ANY FEES APPLICABLE TO ELECTRICAL WORK, SUCH AS, BUT NOT LIMITED TO, THE POWER COMPANY, TELEPHONE COMPANY, CITY, CERTIFIED ELECTRICAL INSPECTORS, ALARM AND FIRE PROTECTION COMPANIES.
8. THE ELECTRICAL CONTRACTOR SHALL REFER TO ALL OTHER DRAWINGS IN BID PACKAGE AND PERFORM THE WORK (INCLUDE IN HIS BID) INDICATED AS ELECTRICAL CONTRACTOR (E.C.) WORK.
9. ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIVES OF THE SCHOOL DISTRICT BUILDINGS AND GROUNDS DEPARTMENT.
10. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL OBTAIN AN INSPECTION CERTIFICATE AND PAY ASSOCIATED FEE. SUBMIT A PHOTOCOPY OF THIS CERTIFICATE TO THE ENGINEER WITH FINAL PAYMENT APPLICATION.
11. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND THEIR INSTALLATION TO BE FREE OF DEFECTS FOR A PERIOD AS DEFINED IN SECTION 7100 OF THE PROJECT MANUAL.
12. A COMPLETE SYSTEM OF WIRING, WITH ALL FEEDERS, MAINS, AND BRANCHES AS SHOWN ON THE DRAWINGS, SHALL BE FURNISHED AND INSTALLED FROM THE MAIN DISTRIBUTION BOARD TO THE PANELS OUTLETS, MOTORS, AND APPURTENANCES.
13. PROVIDE IDENTIFICATION FOR ALL PANEL AND MOTOR FEEDER CABLES IN PULL BOXES AND AT TERMINATIONS, ANY CONDUCTOR VOLTAGE HIGHER THAN 240 VOLTS SHALL BE MARKED ON DEVICES AND JUNCTION BOXES.
14. FURNISH AND INSTALL ALL WIRING OF ANY VOLTAGE OR PURPOSE AS SHOWN ON THE DRAWINGS.
15. ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS, SHARING COMMON NEUTRALS AMONG BUNDLED CIRCUITS IS SPECIFICALLY DISALLOWED UNLESS OTHERWISE NOTED.
16. PULL/JUNCTION BOXES SHALL BE PROVIDED WHERE INDICATED OR AS OTHERWISE REQUIRED TO FACILITATE THE PROPER INSTALLATION OF WIRES AND CABLES. CONDUITS MAY BE INCREASED IN SIZE FOR CONSTRUCTION CONVENIENCE.
17. FURNISH AND INSTALL ALL DISCONNECT DEVICES AND SAFETY SWITCHES AS SHOWN ON THE DRAWINGS AND/OR AS REQUIRED TO CONFORM WITH REQUIREMENTS.
18. FURNISH AND INSTALL ALL INDICATED LIGHTING FIXTURES AND MOUNTING HARDWARE AS REQUIRED FOR A COMPLETE INSTALLATION.
19. ELECTRICAL CONTRACTOR SHALL PROVIDE TO SCHOOL 5 PERCENT SPARE LAMPS (MINIMUM QUANTITY 1) OF EACH TYPE SPECIFIED WITH NEW FIXTURES.
20. PROVIDE ALL WIRING, PANEL BOARDS, SWITCHES, FUSES, EQUIPMENT, AND ALL INCIDENTAL MATERIALS REQUIRED TO SUPPLY TEMPORARY AND PERMANENT ELECTRICAL NEEDS FOR THE WORK INVOLVED, ALL IN ACCORDANCE WITH OSHA, LOCAL, STATE AND UNDERWRITERS REQUIREMENTS.
21. ALL WIRING TO BE 100% 14/20/20W-1/2"125-G3/4" OR STEEL JACKETED MC CABLE (WHERE CODE PERMITTED), UNLESS OTHERWISE SPECIFIED ON DRAWINGS. RUN BRANCH CIRCUITS IN DROPPED CEILINGS, VOIDS, & CHASES. CONDUITS MAY BE SURFACE MOUNTED IN MECHANICAL SPACES UNLESS OTHERWISE NOTED. CONDUITS IN PUBLIC AREAS SHALL BE CONCEALED IN HUNG CEILINGS, EMBEDDED IN SLAB OR MASONRY WALLS, EXCEPT WHERE SURFACE MOUNTED RACEWAY IS SPECIFIED. ALUMINUM JACKETED MC CABLE IS NOT ACCEPTABLE.
22. ALL CONNECTIONS AND SPLICES SHALL BE MADE ONLY IN ACCESSIBLE JUNCTION BOXES.
23. ALL COUPLINGS AND CONNECTORS FOR USE WITH EMT SHALL BE COMPRESSION TYPE, SET SCREW TYPE OR INDENT TYPE. FITTINGS WILL NOT BE ACCEPTED.
24. ALL CONNECTIONS TO CONDUIT RUN UNDERGROUND SHALL BE MADE WATERTIGHT. ALL METALLIC CONDUIT INSTALLED IN EARTH FILL, AS WELL AS UNDERGROUND, SHALL BE PAINTED WITH TWO COATS OF ASPHALTUM PAINT OR EQUAL.
25. WIRING INSTALLED IN CEILINGS SHALL BE HUNG INDEPENDENT OF CEILING SYSTEM AND SECURELY TIED TO BUILDING STEEL.
26. ALL LOW VOLTAGE FIRE ALARM, PA INTERCOM, PHONE, DATA, ETC.) WIRING INSTALLED IN OPEN AREAS SHALL BE IN METALLIC RACEWAY IN MECHANICAL AREAS, GYMNASIUMS, ART ROOMS, STORE ROOMS, ETC., AND IN SURFACE MOUNTED RACEWAY IN PUBLIC AREAS. LOW VOLTAGE WIRE INSTALLED IN DROPPED CEILINGS SHALL BE BUNDLED TOGETHER AND SUPPORTED BY BUILDING STEEL.
27. LOW VOLTAGE WIRE SHALL NOT BE SUPPORTED BY BRANCH CIRCUITS OR FEEDER CIRCUITS AND SHALL NOT BE SUPPORTED BY CONDUIT, PIPES, ETC.. LOW VOLTAGE WIRING NOT INSTALLED IN CONDUITS, SHALL BE PLENUM RATED.
28. CONDUITS SHALL BE SECURED IN PLACE AND PROTECTED WHERE NECESSARY TO PREVENT DAMAGE DURING CONSTRUCTION. FURNISH AND INSTALL ALL HARDWARE TO PROPERLY SUPPORT ALL CONDUITS NOT INSTALLED IN CONCRETE SLABS OR UNDERGROUND.
29. ALL CONDUITS OR MC CABLE SHALL BE EQUIPPED WITH AN INSULATING/CHAFE GUARD GROMMET AT WIRE EXIT/ENTRANCE. MC CABLE SHALL USE MC STYLE BUSHINGS. BX OR OTHER BUSINGS ARE SPECIFICALLY DISALLOWED.
30. WHERE AN EXISTING CONDUIT OR CABLE IS REQUIRED TO BE REMOVED, BUT SERVES AN EXISTING PIECE OF EQUIPMENT WHICH IS TO REMAIN OPERABLE, THE ELECTRICAL CONTRACTOR SHALL REROUTE SAID CONDUIT OR CABLE OR PROVIDE A NEW SOURCE OF POWER (APPROVED BY ENGINEERING) TO THIS EQUIPMENT AS A PART OF THIS CONTRACT.
31. ALL PANELS, SWITCHES, DISCONNECT STARTERS, OR OTHER ELECTRIC SYSTEM CONTROLS SHALL BE STENCILED WITH THEIR APPROPRIATE DESIGNATION/FUNCTION. ALL CIRCUIT BREAKERS SHALL BE IDENTIFIED BY A PANEL SCHEDULE OR STENCIL ADJACENT TO THE CIRCUIT BREAKER.
32. ALL CIRCUIT BREAKERS POSITIONS IN ALL PANELS ARE SHOWN FOR ESTIMATE PURPOSES ONLY. EC IS RESPONSIBLE FOR LOAD BALANCING.
33. ALL DEVICES SHALL BE FASTENED IN PLACE SECURELY. GRID MOUNTING LIGHTING FIXTURES SHALL BE SECURED TO GRID WITH CLIPS LISTED FOR THE PURPOSE OR SUSPENDED FROM STRUCTURE PER NEC.
34. WORK WHICH MUST BE DONE IN OCCUPIED AREAS SHALL BE DONE AT SUCH TIMES AS INDICATED IN THE PHASING OF CONSTRUCTION AND AS APPROVED BY THE SCHOOL.
35. WHERE THE ELECTRICAL CONTRACTOR IS INSTRUCTED TO PROVIDE, INSTALL AND WIRE CIRCUIT BREAKER(S) TO AN EXISTING PANEL AND THAT PANEL DOES NOT HAVE THE ROOM TO INSTALL REQUIRED CIRCUIT BREAKERS, THE ELECTRICAL CONTRACTOR SHALL REMOVE (2) ADJACENT 1-P CIRCUIT BREAKERS AND PROVIDE A 3-P, 60A BREAKER IN THEIR PLACE FOR SUB-FEED TO A SURFACE MOUNTED 100A 3-P, 4W, 2-P CABLE SUB-PANEL, AND ESTABLISH OVERFLOW CIRCUITS IN NEW SUB-PANEL, EACH WITH REQUIRED CIRCUIT BREAKERS. PROVIDE (3) 1-P, AMPERAGE AS BEFORE CIRCUIT BREAKERS FOR DISCONNECTED CIRCUITS IN MAIN PANEL AND RECONNECT THEM IN SUB-PANEL. SUB-PANEL FEED TO BE 300% MINIMUM 1/2"125-G3/4" MC.
36. SELECTED RECEPTACLES AS SHOWN ON DRAWINGS MAY BE GFI PROTECTED BY CONNECTING TO GFCI RECEPTACLE FIRST IN CIRCUIT. ALL RECEPTACLES THAT ARE PROTECTED FROM AN UPSTREAM GFCI UNIT SHALL BE VISIBLY LABELED AS SUCH. GFCI RECEPTACLE SHALL BE SPEC. GRADE AND RATED 20A, WITH OPERATING NOTIFICATION INDICATING LIGHT.
37. ALL DEVICES ADDRESSED BY ADA REGULATIONS SHALL BE INSTALLED AT ADA COMPLIANT HEIGHT AND LOCATIONS.
38. ALL NEW LIGHTING OR EXISTING LIGHTING HAVING SWITCHING REARRANGEMENT SHALL BE EQUIPPED WITH CODE COMPLIANT ENERGY CONSERVATION CONTROLS. SUCH CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
39. REMOVAL OF ELECTRICAL ITEMS INCLUDES THEIR DISPOSAL. THE EXCEPTION WILL BE TO TURN OVER TO THE OWNER ITEMS, IF ANY, THEY SPECIFY TO BE RETAINED IN THEIR INVENTORY. PCB OR ASBESTOS BEARING MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH LAWS AND REGULATIONS.
40. EC SHALL PROVIDE A WIRE WEATHERPROOF GFCI RECEPTACLES ON ALL APPLICABLE ROOFTOP UNITS AS PART OF HIS BID. SEE MECHANICAL EQUIPMENT SCHEDULES FOR UNITS WITH SERVICE RECEPTACLES FACTORY INSTALLED.
41. WHEREAS OTHERWISE NOTED, STARTERS AND DISCONNECTS FOR MECHANICAL EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ALL POWERED MECHANICAL EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL MOTOR STARTERS AND ASSOCIATED POWER WIRING FROM SOURCE TO UNIT VIA STARTERS AND DISCONNECTS. THE LOCATIONS OF MOTOR STARTERS SHALL BE DETERMINED BY THE MECHANICAL CONTRACTOR IN THE FIELD AND SUBMITTED TO THE ENGINEER FOR APPROVAL, UNLESS IT IS SPECIFIED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS, EQUIPMENT SCHEDULES & NOTES AND INCLUDE IN HIS BID PRICE ALL ELECTRICAL WORK ASSOCIATED WITH THEIR INSTALLATION, AND THE REMOVAL OF MOTOR STARTERS/DISCONNECTS NO LONGER REQUIRED.

DEMOLITION NOTES:

1. THE ITEMS SPECIFICALLY SHOWN ON DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE ELECTRICAL CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL, OR REMOVAL, STORAGE, AND RE-INSTALLATION/LOCATION, OR TEMPORARY REMOVAL/STORAGE, AND RE-INSTALLATION IN SAME LOCATION.
2. MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN INCLUDE, BUT ARE NOT LIMITED TO, SWITCHES, RECEPTACLE, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE PUNCH DOWN BLOCKS, AND OUT OF SERVICE ITEMS. ALL SUCH ITEMS SHALL BE PERMANENTLY DE-ENERGIZED, DISCONNECTED, AND OTHERWISE MADE SAFE FOR DEMOLITION BY NON-ELECTRIC DEMOLITION WORKERS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES, OF ANY VOLTAGE OR FUNCTION, THAT ARE TO BE DEMOLISHED ARE SAFE AND ADVISE THE DEMOLITION CONTRACTOR WHEN THIS IS SO.
3. AFTER THE ELECTRICAL CONTRACTOR HAS DISCONNECTED ELECTRIC SUPPLIES TO ITEMS TO BE DEMOLISHED, HE SHALL ADVISE THE GENERAL CONTRACTOR OF ANY ELECTRIC ITEMS TO BE RETAINED FOR FUTURE USE AND THEREFOR NOT TO BE DEMOLISHED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION. THIS MATTER APPLIES TO ALL ELECTRIC ITEMS, OF ANY VOLTAGE OR PURPOSE.
4. THE SPECIAL/SPECIFIC ITEMS SHOWN ON THE DRAWING FOR ELECTRICAL CONTRACTOR TO ACT ON WERE FOUND BY SURVEY. NUMEROUS LOCATIONS WERE BLOCKED BY FURNITURE, ETC. AND ADDITIONAL EQUAL TYPE ITEMS MAY BE PRESENT. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THIS IN HIS BID PRICE AND ATTEND TO THOSE EQUAL OR SIMILAR DEVICES AS MAY BE DISCOVERED.
5. REMOVAL ITEMS THAT ARE LISTED AS TO BE TURNED OVER TO OWNERS INVENTORY SHALL BE DISCUSSED WITH THE DISTRICT BUILDINGS AND GROUNDS MANAGER. THOSE ITEMS THAT THE OWNER DECLINES SHALL THEN BE DISPOSED OF BY THE CONTRACTOR IN THE MANNER OF OTHER PERMANENT REMOVALS. ANY PCB BEARING FLUORESCENT FIXTURES SHALL BE DISPOSED OF PER REGULATIONS.
6. RETAIN EXISTING RECEPTACLES IN WALLS THAT WILL NOT BE IN CONFLICT WITH NEW CONSTRUCTION. RETAIN LIGHT SWITCH LOCATIONS THAT WILL NOT BE IN CONFLICT WITH NEW CONSTRUCTION. INSTALL BLANKING PLATE COVERS OVER THE UNUSED PORTION OF GANG BOXES HAVING MORE GANG POSITIONS THAN NEEDED FOR NEW SWITCHES.
7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL, NON-ELECTRIC, CONTRACTOR DEMOLITION. ELECTRICAL CONTRACTOR RESPONSIBLE TO SAFE OFF LIGHTING CIRCUITS FOR REMOVAL BY OTHERS. NO SPECIFIC QUANTITIES OR LOCATIONS ARE SHOWN. RETURN WHATEVER QUANTITY, IF ANY, OF THESE TO OWNERS INVENTORY IF HE SO SPECIFIES OR THEY ARE OTHERWISE TO BE DISPOSED OF. ELECTRICAL CONTRACTOR SHALL EXAMINE FIXTURES FOR PRESENCE OF PCBs AND SPECIAL DISPOSAL.
8. THE ELECTRICAL CONTRACTOR SHALL COVER ALL BACK BOXES IN THE WALL THAT BECOME EXPOSED DUE TO DEVICE REMOVALS. THIS INSTRUCTION ALSO APPLIES TO EXPOSED ELECTRICAL BACK BOXES AS MAY EXIST AT THE SITE PRIOR TO THIS PROJECT. THE COVER SHALL BE BRUSHED ALUMINUM WITH CHAMFERED EDGES AND COVER THE HOLE COMPLETELY WITH AT LEAST 3/4" EXTRA MARGIN ON ALL SIDES. MOUNT THE COVER WITH SCREWS TO MATCH THE ORIGINAL PATTERN.
9. IT IS EXPECTED THAT STRUCTURAL DEMOLITION BY THE GENERAL CONTRACTOR WILL CAUSE VARIOUS ELECTRIC SUPPLIES, OF VARIOUS VOLTAGES AND PURPOSES, TO BE CUT AND RENDER SOME DEVICES TEMPORARILY INACTIVE. IF IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RECONSTRUCT AND RECONNECT SUCH ELECTRIC SOURCES WHEN THE NEW STRUCTURE IS BUILT, NOTE THAT MOST REINSTALLED ITEMS WILL BE IN DIFFERENT LOCATIONS FROM THE REMOVAL LOCATION. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL REQUIRED CIRCUIT EXTENSIONS OR MODIFICATIONS TO PROVIDE SERVICE TO A REINSTALLED ITEM AS RELOCATED. PROVIDE ALL REQUIRED CIRCUIT EXTENSIONS AS REQUIRED TO RESTORE SERVICE TO DEVICES. NOTE THAT THIS REQUIREMENT ALSO APPLIES TO THE ROOMS AND ELECTRICAL ITEMS WITHIN THAT ARE NOMINALLY NOT IN CONTRACT. SUCH RESTORATION OF SERVICE, IF NEEDED, IS SPECIFICALLY IN THE ELECTRICAL CONTRACTOR'S CONTRACT.
10. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL ELECTRICAL DEVICES, FROM DAMAGES DURING CONSTRUCTION, WHICH ARE EITHER INDICATED TO REMAIN, AND/OR TO BE REMOVED AND REINSTALLED THROUGHOUT ALL CONSTRUCTION AREAS. DEVICES SHALL INCLUDE BUT NOT BE LIMITED TO: SMOKE DETECTORS, EMERGENCY LIGHTS, EXIT SIGNS, OCCUPANCY SENSORS, SPEAKERS, LIGHT FIXTURES, SWITCHES, RECEPTACLE, ETC. IN THE EVENT OF DAMAGES INCURRED DUE TO CONSTRUCTION ACTIVITIES, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY DAMAGED DEVICES AT NO ADDITIONAL COST TO OWNER.
11. ALL SYSTEM ASSOCIATED WITH THE DEVICES SCHEDULED TO BE REMOVED, STORED AND PROTECTED SHALL BE TESTED BY THE MANUFACTURER'S CERTIFIED TESTING VENDOR PRIOR TO ANY DEMOLITION ACTIVITY. ANY DEVICE WHICH FAILS THE TEST SHALL BE REPLACED WITH A FORM, FIT AND FUNCTION COMPONENT PER UNIT PRICES, AND SUCH DEVICES ARE NOT INCLUDED IN THIS RESPONSIBILITY STATEMENT, BUT ALSO SUCH INSTALLATION SHALL BE IN THE ELECTRICAL CONTRACTOR'S BASE BID. THE ELECTRICAL CONTRACTOR SHALL RE-TEST ALL SUCH SYSTEM COMPONENTS BY A MANUFACTURER CERTIFIED TESTING VENDOR OR SUCH SYSTEM OF ALL PREVIOUSLY TESTED SYSTEM COMPONENTS AFTER ALL WORK BY ALL TRADES HAS BEEN COMPLETED, AND ALL SYSTEM COMPONENTS HAVE BEEN INSTALLED. ANY COMPONENT WHICH FAILS SHALL BE REPLACED, AND PROGRAMMED IF NECESSARY BY THE ELECTRICAL CONTRACTOR. ALL SUCH REPLACEMENT AND PROGRAMMING COSTS SHALL BE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. ALL COSTS ASSOCIATED WITH THE TESTING OF AFFECTED SYSTEM SUCH AS BUT NOT LIMITED TO: FIRE ALARM, PUBLIC ADDRESS, INTERCOM, TELEPHONE, AND SECURITY SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL EQUIPMENT, DEVICES, WIRING AND THEIR ASSOCIATED MATERIAL SPECIFIED TO REMAIN, WHICH IS NOT STORED AND PROTECTED, SHALL BE PROTECTED DURING THE DEMOLITION ACTIVITIES, AND ALL TRADES SHALL BE INFORMED OF SUCH COMPONENTS. ANY OF SUCH COMPONENTS WHICH BECOME DAMAGED DURING DEMOLITION SHALL BE REPLACED FORM, FIT AND FUNCTION BY THE ELECTRICAL CONTRACTOR AT HIS EXPENSE.

ABBREVIATIONS

E, EX	EXISTING
ETR	EXISTING TO REMAIN
PSEGL	PSEG LONG ISLAND (UTILITY CO.)
SM, S.M.	SURFACE MOUNTED
U.O.N.	UNLESS OTHERWISE NOTED
EC, E.C.	ELECTRICAL CONTRACTOR
GC, G.C.	GENERAL CONTRACTOR
MC, M.C.	MECHANICAL CONTRACTOR
PC, P.C.	PLUMBING CONTRACTOR
TYP.	TYPICAL
REQ'D	REQUIRED
O.C.	ON CENTER
CKT	CIRCUIT
AFF	AWAY FROM FLOOR
CB	CIRCUIT BREAKER
REC.	RECEPTACLE
ACT	ABOVE COUNTERTOP

LINE DESIGNATIONS

EXISTING TO REMAIN DEVICES  
DEVICES TO BE REMOVED. PULL BACK ALL ASSOCIATED CONDUIT AND WIRING AND REMOVE UNLESS OTHERWISE NOTED ON THE PLANS.

NEW DEVICES

FIRE ALARM SYSTEM LEGEND

SYMBOL	DEVICE DESCRIPTION
	NEW INTELLIGENT ADDRESSABLE FIRE ALARM CONTROL PANEL W/ VOICE EVACUATION AND AUDIBLE NOTIFICATION. PROVIDE FRAMED BLDG GRAPHIC MAP WITHIN SIGHT OF PANEL.
	NEW REMOTE ANNUNCIATOR PANEL OR EQUAL. E.C. TO PROVIDE FRAMED BLDG GRAPHIC MAP WITHIN SIGHT OF PANEL.
	FIRE ALARM SHUT DOWN
	NEW SMOKE DETECTOR W/ BASE
	NEW CARBON MONOXIDE DETECTOR WITH SOUNDER BASE. CONNECT TO ASSOCIATED UNIT WITH SOUNDER BASE FOR SIMULTANEOUS LOCAL ALARM.
	NEW CARBON MONOXIDE SYSTEM AMBER COLOR VISUAL NOTIFICATION DEVICE.
	NEW MANUAL PULL STATION. PROVIDE WITH NON-ALARMED ST1 STOPPER 1/4 LIFT COVER (OR SIMILAR)
	NEW DUCT TYPE SMOKE DETECTOR W/ HOUSING AND REMOTE LED INDICATOR
	NEW SPEAKER NOTIFICATION DEVICE - WALL MOUNT.
	NEW SPEAKER/STROBE NOTIFICATION DEVICE - WALL MOUNT.
	NEW SPEAKER NOTIFICATION DEVICE - CEILING MOUNT.
	NEW SPEAKER/STROBE NOTIFICATION DEVICE - CEILING MOUNT.
	NEW STROBE NOTIFICATION DEVICE. WALL MOUNTED.
	NEW STROBE NOTIFICATION DEVICE. CEILING MOUNTED.
	NEW HORN/STROBE NOTIFICATION DEVICE
	NEW 24V ELECTROMAGNETIC DOOR HOUDER - GC FURNISH & MOUNT. EC TO WIRE. REFER TO FIRE ALARM DEVICE NOTES ON E5.01 FOR ADDITIONAL INFORMATION
	EXISTING FIRE ALARM BELL TO BE REMOVED. INSTALL BLANK COVER PLATE.
	NEW FIRE ALARM RELAY
	EXISTING BATTERY OPERATED CO DETECTOR TO REMAIN UNLESS OTHERWISE NOTED
	NEW AIR HANDLING UNIT. REFER TO MECHANICAL DWG. FOR ADDITIONAL INFORMATION
	NOTATION "R" - UNIT TO HAVE RELAY SHUTDOWN, REQUIRED ON ALL FANS OVER 1000 CFM
	WATERFLOW SWITCH FOR NEW SPRINKLER SYSTEM (BY FIRE SPRINKLER CONTRACTOR)
	TAMPER SWITCH FOR NEW SPRINKLER SYSTEM (BY FIRE SPRINKLER CONTRACTOR)
	EXISTING ANUL SYSTEM TO REMAIN
	FIRE ALARM - BEAM DETECTOR RECEIVER
	FIRE ALARM - BEAM DETECTOR TRANSMITTER
	STEEL WIRE GUARD.
	WEATHER PROOF.
	WALL MOUNT.
	EXISTING TO REMAIN
	AREA OF RESCUE
	AREA OF RESCUE POWER SUPPLY
	AREA OF RESCUE MAIN CONTROL PANEL

BASE BID IS GANESWELL F0-E3 SYSTEM WITH VOICE EVACUATION. REFER TO SPECIFICATIONS AND TO NOTES ON DWG. E5.01 FOR PART NUMBERS AND ADDITIONAL INFORMATION

MISCELLANEOUS

SYMBOL	DESCRIPTION
	CEILING MOUNTED PUBLIC ADDRESS SPEAKER.
	WALL MOUNTED PUBLIC ADDRESS SPEAKER
	HORN LOUDSPEAKER SUBSCRIPT "WP" INDICATES OUTDOOR WEATHERPROOF HORN SPEAKER
	WALL MOUNTED VOLUME CONTROL FOR LOCAL PUBLIC ADDRESS SPEAKER
	WIRELESS CLOCK

ITEMS IN ABOVE LEGENDS MARKED WITH SUBSCRIPTS ON THE PLANS ARE DENOTED AS FOLLOWS:  
(E) - EXISTING ITEM TO REMAIN  
(RL) - EXISTING ITEM TO BE RE-INSTALLED AND RELOCATED  
(RR) - REMOVE AND RE-INSTALL TO ACCOMMODATE NEW CONSTRUCTION  
NO SUBSCRIPT - NEW ITEM TO BE FURNISHED AND INSTALLED

ELECTRICAL SYMBOL LEGEND

	SINGLE POLE CIRCUIT 2#12, #12G, 1'C UNLESS OTHERWISE NOTED
	TWO POLE CIRCUIT 3#12, #12G, 1'C UNLESS OTHERWISE NOTED
	THREE POLE CIRCUIT 4#12, #12G, 1'C UNLESS OTHERWISE NOTED
	SINGLE RECEPTACLE, NEMA 5-20R W/ STAINLESS STEEL FACEPLATE
	GROUND FAULT CIRCUIT INTERRUPTER 20A, 125V SINGLE RECEPTACLE, WITH STAINLESS STEEL FACEPLATE FOR KITCHEN EQUIPMENT.
	DUPLEX RECEPTACLE, 125V, 20A W/ STAINLESS STEEL FACEPLATE
	M DESIGNATES TEACHING MONITOR RECEPTACLE, COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL PLANS
	QUADRUPLX RECEPTACLE - (2)-GANG DUPLEX RECEPTACLES PER ABOVE W/ STAINLESS STEEL FACEPLATE
	GROUND FAULT CIRCUIT INTERRUPTER 20A, 125V DUPLEX RECEPTACLE, WITH STAINLESS STEEL 302/304 FACEPLATE FOR MECHANICAL SPACES, BOILER ROOM, CORRIDORS, OUTDOORS, ETC.
	W/P - ANNITATION - IN RAINPROOF & IN-USE COVER
	GROUND FAULT CIRCUIT INTERRUPTER 20A, 125V QUADRUPLX RECEPTACLE, 2 GANG WITH STAINLESS STEEL 302/304 FACEPLATE OR EQUAL
	30A-TWISTLOCK RECEPTACLE, SPECIAL VOLTAGE & PHASE PER LABEL
	SINGLE DUPLEX, QUADRUPLX RECEPTACLE MOUNTED IN SERVICE PEDESTAL BOX, HUBBELL #S4688S OR SA6687, SS13 OR SS23
	BLANK PLATE IN REAR AND PLATE
	DUPLEX RECEPTACLE WITH USB PORTS, 125V, 20A WITH STAINLESS S
	STUB-UP CONDUIT FROM THE FLOOR
	MOTOR, NO. INDICATES HORSEPOWER
	UNFUSED DISCONNECT SWITCH, SIZE PER PLAN
	FUSED DISCONNECT SWITCH, SIZE AND FUSE PER PLAN
	TRANSFORMER, VOLTAGE, PHASE, KVA PER PLAN
	PANEL BOARD, MOUNTING PER SCHEDULE
	JUNCTION BOX CLG MOUNT, WALL MOUNT
	PANEL RPC-1, POLE POSITION "1"
	CONTACTOR "SC211" - CONTACT "1"
	POWER ONLY DUPLEX FLOOR BOX CAST IRON WHEN INSTALLED IN CONC. SLAB. COVER COLOR AND TYPE AS APPROVED BY ARCHITECT
	POWER ONLY DUPLEX RECEPTACLE MOUNTED ABOVE CEILING LOCATION FOR LIGHTING CONTROLLER
	POWER ONLY DUPLEX FLOOR BOX CAST IRON WHEN INSTALLED IN CONC. SLAB. COVER COLOR AND TYPE AS APPROVED BY ARCHITECT
	POWERDATA COMBO BOX. REFER TO TECHNOLOGY DRAWINGS
	WALL SWITCH W/ STAINLESS STEEL, FACEPLATE FACEPLATE LOWER CASE ALPHA SUPERSCRIPIT - CONTROLS CORRESPONDINGLY LABELED FIXTURES IN ROOM SUBSCRIPTS
	(NONE) = SINGLE POLE 20A, HEAVY DUTY SPEC GRADE SWITCH, MOS= MASTER CONTROL SWITCH, ASCO 210886, BY PLUMBING DRAWINGS
	K = KEY SWITCH
	3 = 3-WAY THREE WAY SWITCH
	4 = 2/4 FOUR WAY SWITCH
	D = WALLBOX SLIDE DIMMER COMPATIBLE W/ FUTURE DIMMING BALLAST
	DIG= DIGITAL SWITCH, F= INDICATES NUMBER OF BUTTONS
	VSDS = DUAL TECH WALL SWITCH/VACUANCY OR OCCUPANCY SENSOR -
	M= MOMENTARY CONTACT SWITCH - MODEL, # GMS= W OR EQUAL
	VS = PRESET WALL/STATION
	CEILING MOUNTED OCCUPANCY (VS/OCCUPANCY) SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, COMPLETE W/ POWER PAK(S) AS REQUIRED. EATON GREENGATE GMS-ST-2000A OR EQUAL
	VS - PROGRAM FOR MANUAL ON MODE
	US - PROGRAM FOR AUTOMATIC ON MODE
	U - ULTRASONIC TECHNOLOGY ONLY
	DAYLIGHT SENSOR PHOTOCELL - COMPATIBLE W/ ROOM CONTROLS
	ROOM CONTROLLER, EATON SERIES OR EQUAL. MOUNT ABOVE CLG UNLESS OTHERWISE NOTED.
	SWITCHPACK MOUNT ABOVE CLG UNLESS OTHERWISE NOTED
	POWERPACK MOUNT ABOVE CLG UNLESS OTHERWISE NOTED
	WIRELESS RELAY SWITCHPACK, MOUNT ABOVE CEILING. 0-10V DIMMING, 20A LOAD, 120/277V
	WIRELESS WAVELINX CONTROLLER OR APPROVED EQUAL.
	FOR LIGHTING FIXTURES - INDICATES PANELBOARD "LPA", POLE POSITION "1", FIXTURE TYPE "G" CONTROLLED BY SWITCH "a" "EX" CIRCUIT DESIGNATION INDICATES CONNECTION TO EXISTING ROOM LIGHTING CIRCUIT - INCLUDES ANY NECESSARY WIRING EXTENSIONS, N. NIGHT LIGHT DESIGNATION INDICATED FIXTURES TO BE UNSWITCHED AND CIRCUITED AHEAD OF ALL SWITCHING DEVICES.
	EMERGENCY SHUT-OFF MUSHROOM TYPE PUSH BUTTON
	"G"-GAS SHUTOFF, PC TO FURNISH EC TO WIRE, REFER TO PLUMBING DRAWINGS
	"W"-WATER SHUTOFF, PC TO FURNISH EC TO WIRE, REFER TO PLUMBING DRAWINGS
	"E"-ELECTRICAL SHUTOFF
	"H"-MOTORIZED HOIST SHUTOFF
	SUBSCRIPT "R" - INCLUDES KEY RESET
	EMERGENCY POWER OFF BUTTON
	RETRACTABLE INDUSTRIAL CORD REEL, 20A, 125V, 25' CORD LENGTH, DOUBLE GFI RECEPTACLE END. SEE ALSO MOUNTING DETAIL ON DWG. E0.02
	DATA & POWER SURFACE RACEWAY DROP - NUMBER OF TRIANGLES INDICATES NUMBER OF DATA DROPS - PROVIDE (2) DUPLEX RECEPTABLES PER DATA DROP. SEE ALSO TECH. PLANS.
	ELECTRONIC SMARTBOARD - REFER TO TECH. DRAWINGS FOR DETAILS
	NEW POWER & DATA FLOOR BOX, CAST IRON WHEN INSTALLED IN CONC. SLAB (2) DUPLEX RECEPTABLES PER DATA JACK ( ) SEE E5.XX, E10.XX FOR DETAILS
	EXISTING PROJECTOR TO BE REMOVED AND RE-INSTALLED UPON CONSTRUCTION COMPLETION
	FIRE/SMOKE DAMPER - FURNISHED AND INSTALLED BY MC. EC. TO WIRE. SEE MECH DRAWINGS FOR EXACT LOCATIONS.
	DATA & POWER RECESSED WALL BOX - NUMBER OF TRIANGLES INDICATES NUMBER OF DATA DROPS. SEE ALSO TECH. PLANS.
	DATA & POWER FLOOR MOUNTED POKE THROUGH. SEE TECH PLANS FOR ADDITIONAL INFO.
	GAS SYSTEM TEACHER EMERGENCY SHUT AND KEY RESET PC TO FURNISH EC TO WIRE AND INSTALL. REFER TO PLUMBING DRAWINGS FOR LOCATIONS AND ADDITIONAL INFORMATION

SIMILAR SYMBOLS USED ON DEMO PLANS. ALL ITEMS SHOWN ON DEMO PLAN TO BE REMOVED ENTIRELY UNLESS OTHERWISE NOTED.

SOUND SYTEM

SYMBOL	DESCRIPTION
	FLOOR/WALL RACK
	SPEAKERS
	MONITOR SPEAKER OUTPUT JACK PLATE
	ANTENNA
	AUDIO INPUT JACK PLATE
	HDBASET TRANSMITTER JACK PLATE - HOUSE CENTER STAGE APRON 2 GANG BOX
	MICROPHONE INPUT JACK PLATE
	DIGITAL MIXER JACK PLATE F.O.H. MIX BOOTH
	REMOTE CONTROL JACK PLATE
	SUBWOOFERS
	FOLDBACK (STAGE MONITOR) LOUDSPEAKERS
	12K LASER PROJECTOR
	COLUMN/LINE ARRAY LOUDSPEAKERS
	CENTER FILL LOUDSPEAKER
	CEILING SPEAKERS

REV.	DATE	ITEM

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BEDFORD CENTRAL SCHOOL DISTRICT  
PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING  
TOWN OF BEDFORD / WESTCHESTER COUNTY

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

PROJECT	DWG TITLE
DRAWING BY:	EEA
CHECKED BY:	EEA

NOTICE

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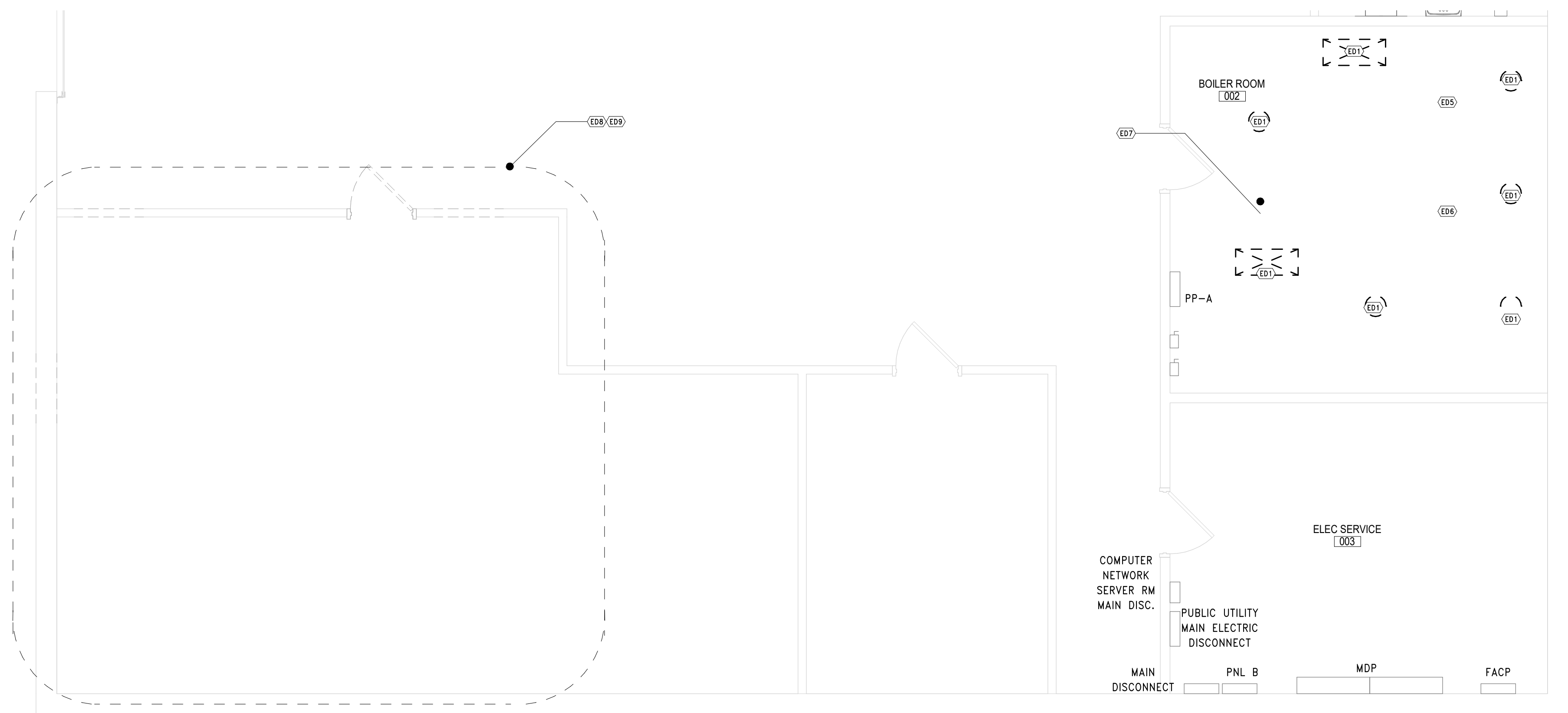
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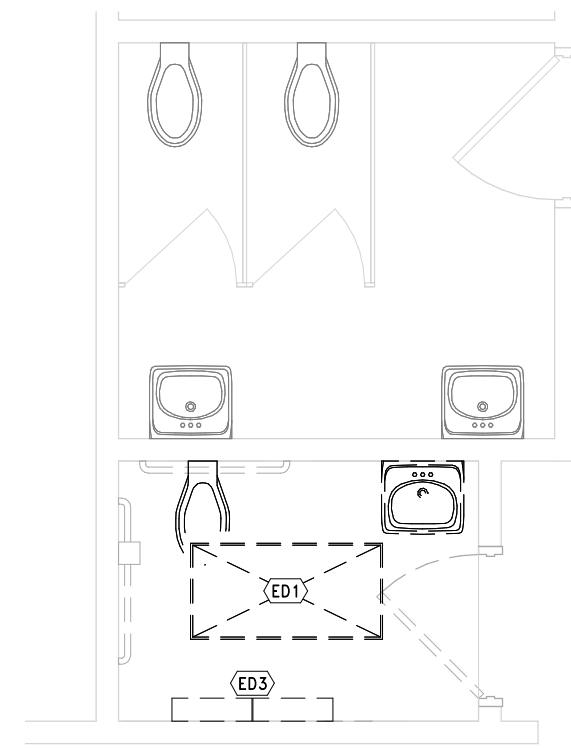
SED No.	66-01-02-06-0-008-014
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS ADMINISTRATION BUILDING
DWG TITLE	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
SCALE:	AS NOTED
DATE:	FEBRUARY 24, 2025
BID PICK UP:	FEBRUARY 24, 2025
FILE No.	23-131C ADMIN.

E0.01

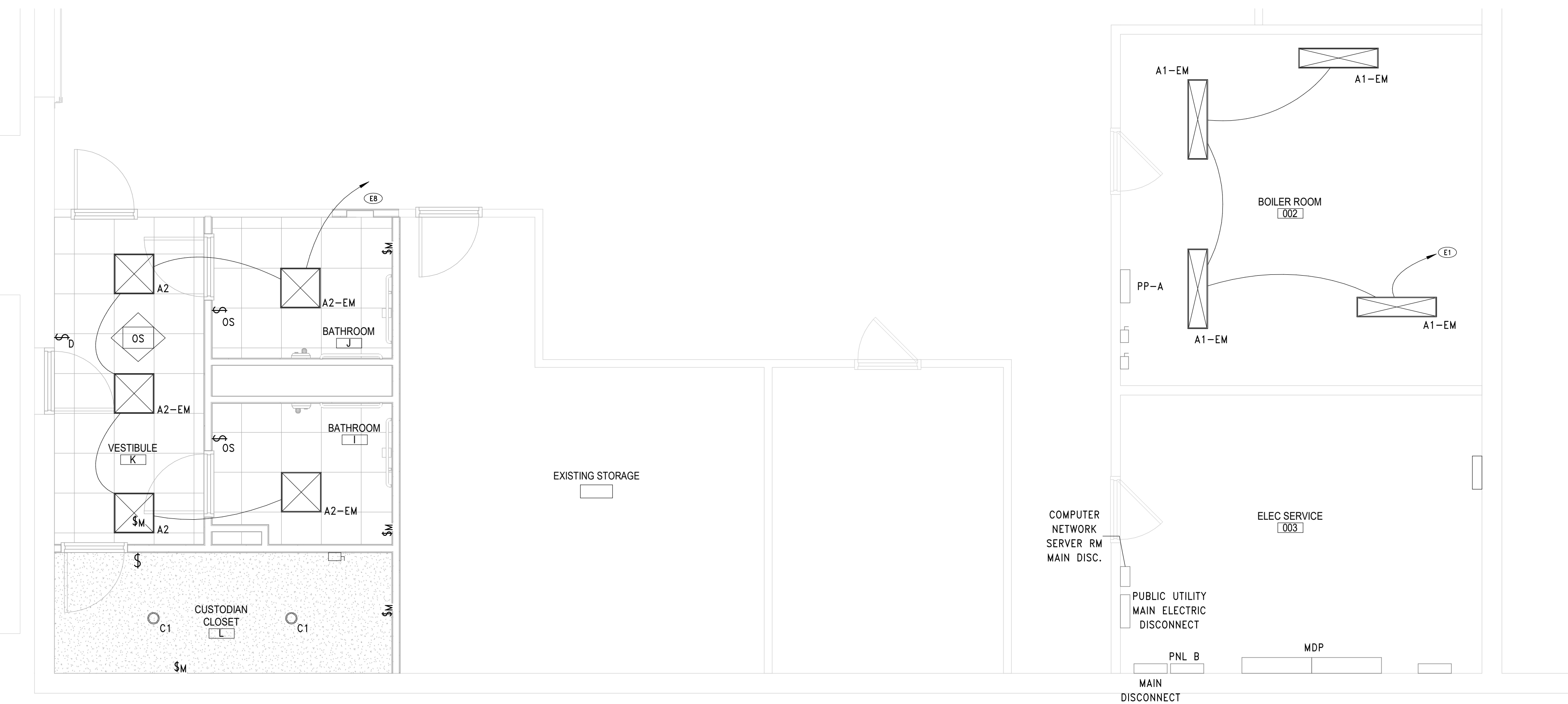




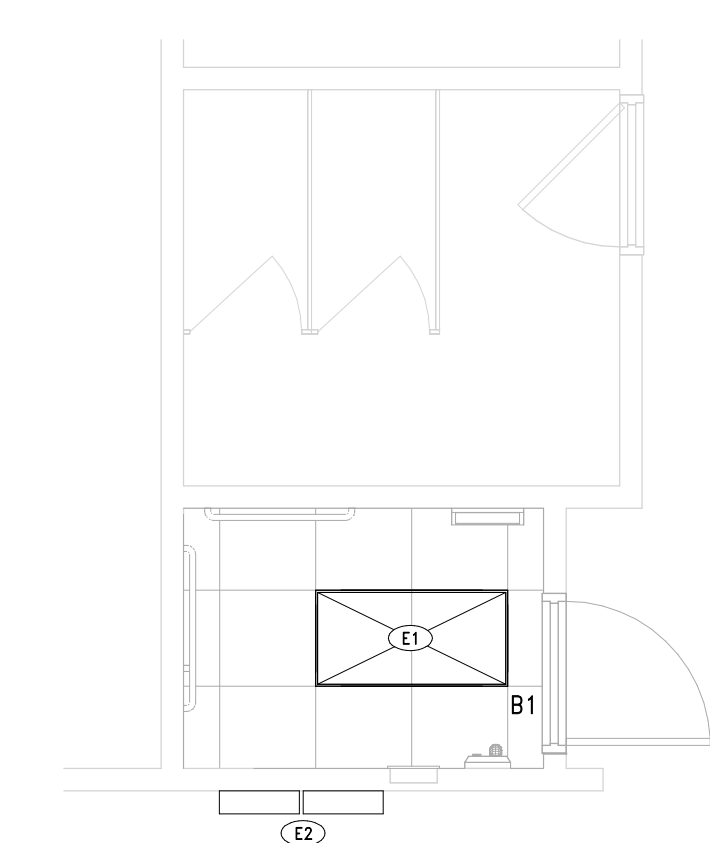
3 PARTIAL BASEMENT PLAN - DEMOLITION  
SCALE: 1/4" = 1'-0"



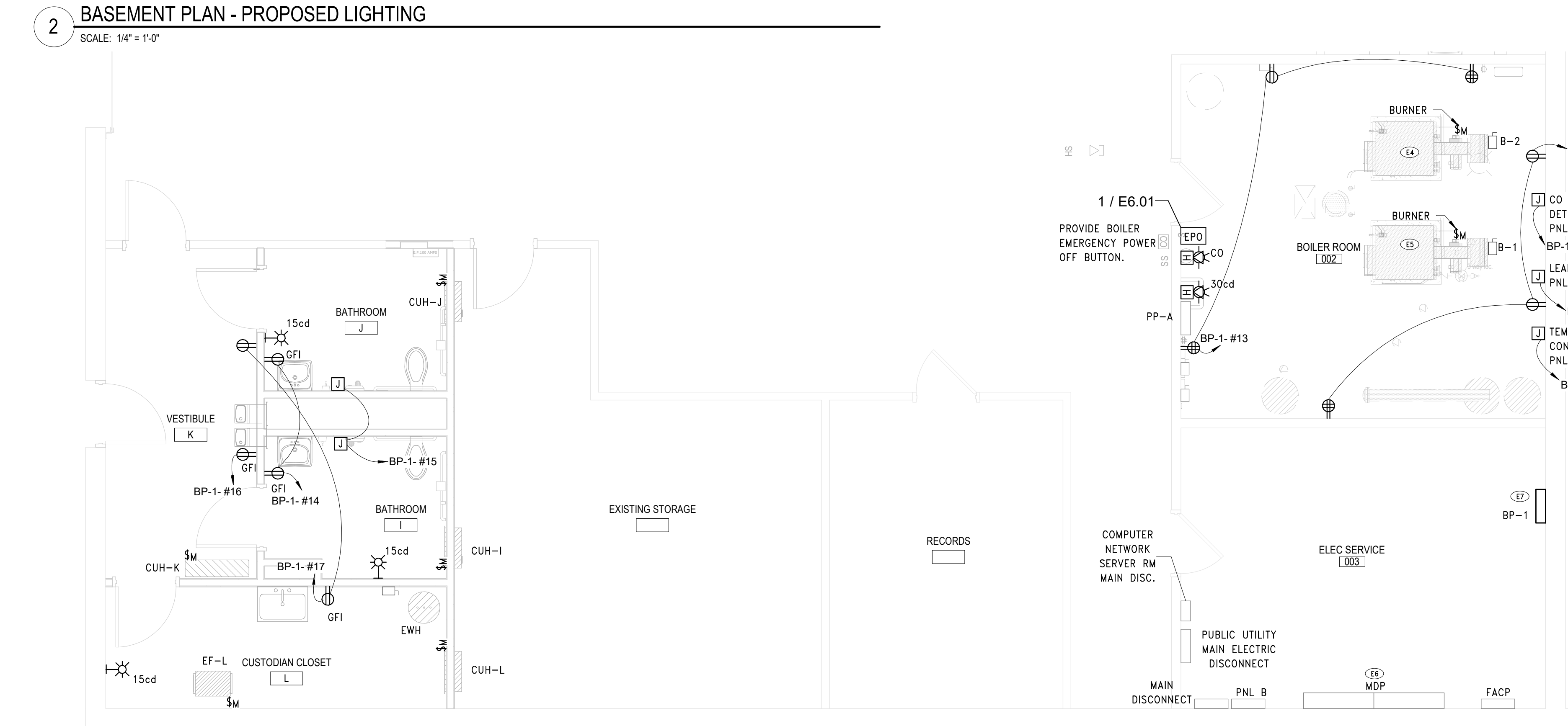
4 PARTIAL FIRST FLOOR PLAN - TOILET DEMO  
SCALE: 1/4" = 1'-0"



2 BASEMENT PLAN - PROPOSED LIGHTING  
SCALE: 1/4" = 1'-0"



5 FIRST FLOOR  
SCALE: 1/4" = 1'-0"



1 PROPOSED POWER - LOWER LEVEL  
SCALE: 1/4" = 1'-0"

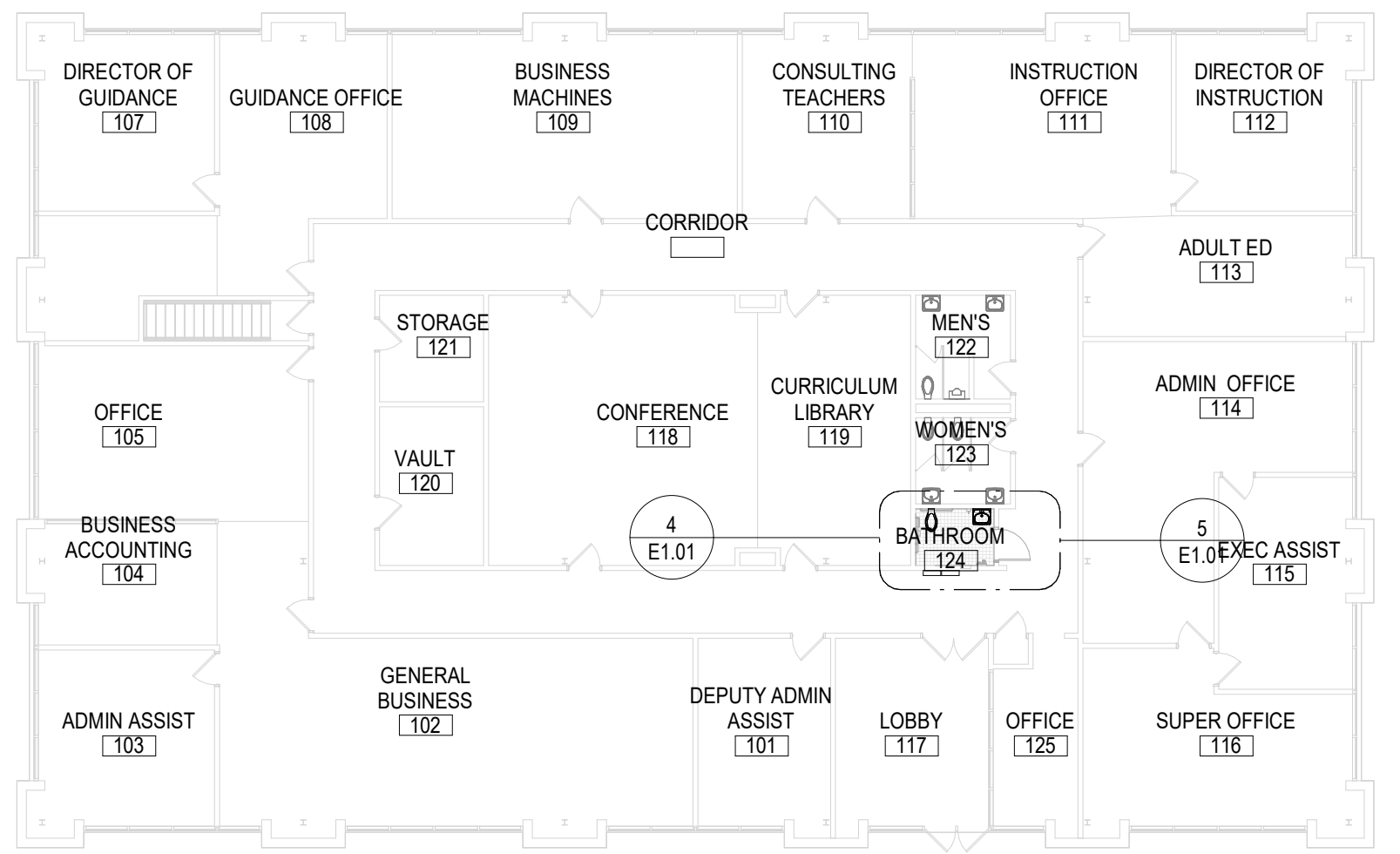
KEY NOTES	
E1	CONNECT PROPOSED FIXTURES TO EXISTING POWER BRANCH CIRCUIT AND ASSOCIATED CONTROLS. EXTEND EXISTING CONDUIT AND WIRING AS NECESSARY MATCHING EXISTING SIZE(S) AND TYPE(S).
E2	RELOCATE POWER PANELS TO PROPOSED LOCATION. PROVIDE SPLICE BOX SIZED PER NEC REQUIREMENTS AND EXTEND MAIN POWER FEEDERS AND BRANCH CIRCUIT CONDUIT AND WIRING MATCHING EXISTING SIZE(S) AND TYPE(S).
E4	UNDER ALTERNATE #E-1: RE-USE BRANCH CIRCUIT PREVIOUSLY CONNECTED TO REMOVED BOILER #1 AND CONNECT NEW BOILER #2.
E5	BASE BID: RE-USE BRANCH CIRCUIT PREVIOUSLY CONNECTED TO REMOVED BOILER #2 AND CONNECT NEW BOILER #1.
E6	UTILIZE SPACE IN MAIN DISCONNECT PANEL AND PROVIDE 208/120V, 100A-3P CIRCUIT BREAKER FOR PROPOSED PANEL BP-1. FEEDERS TO PANEL SHALL BE (3) #1, #66, IN 1-1/2" EMT CONDUIT.
E7	PROVIDE 208/120V, 3PH, 4-WIRE, 100A-3P 24-POLE SURFACE MOUNTED PANELBOARD.
E8	CONNECT PROPOSED FIXTURES TO EXISTING POWER BRANCH CIRCUIT. EXTEND EXISTING CONDUIT AND WIRING AS NECESSARY MATCHING EXISTING SIZE(S) AND TYPE(S).
ED1	DISCONNECT AND REMOVE LIGHTING FIXTURES. MAINTAIN ALL ASSOCIATED CONTROLS AND BRANCH CIRCUIT FOR RE-USE WITH NEW LIGHTING FIXTURES IN THIS SPACE. REFER TO NEW WORK PLAN.
ED3	DE-ENERGIZE, DISCONNECT, REMOVE AND POWER PANEL. PULL BACK AND REMOVE MAIN PANEL FEEDERS BACK TO SOURCE PANEL LOCATION. MAINTAIN BRANCH CIRCUIT WIRING FOR EXISTING TO REMAIN DEVICES CONNECTED TO PANEL. CONTRACTOR SHALL FIELD VERIFY WHICH CIRCUITS ARE TO REMAIN OPERATIONAL.
ED5	UNDER ALTERNATE #E-1: DE-ENERGIZE AND DISCONNECT BOILER #2 TO BE REMOVED (BY OTHERS). MAINTAIN DISCONNECTING MEANS AND ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING.
ED6	BASE BID: DE-ENERGIZE AND DISCONNECT BOILER #1 TO BE REMOVED (BY OTHERS). MAINTAIN DISCONNECTING MEANS AND ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING.
ED7	REMOVE ALL RECEPTACLES IN BOILER ROOM SPACE. FIELD VERIFY EXACT RECEPTACLE LOCATIONS. PULL BACK AND REMOVE ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING.
ED8	DISCONNECT AND REMOVE ALL LIGHTING AND ASSOCIATED CONTROLS WITHIN INDICATED AREA. MAINTAIN BRANCH CIRCUIT POWER WIRING FOR RE-USE.
ED9	DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES (RECEPTACLES, DISCONNECTS, HARDWIRED CONNECTIONS) WITHIN INDICATED AREA. PULL BACK AND REMOVE ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING.

SHEET NOTES	
A.	ALL DEVICES SHOWN AS DASHED LINES ARE TO BE DEMOLISHED. REMOVE ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO NEAREST ACTIVE SOURCE.
B.	ALL DEVICES SHOWN AS GREY/HALFTONED LINES ARE TO REMAIN UNDISTURBED. COORDINATE ALL DEMOLITION WORK AROUND THESE DEVICES. IF NECESSARY TO REMOVE OR RE-CIRCUIT DEVICES, TO ALLOW FOR ARCHITECTURAL OR MECHANICAL WORK, DEVICES SHALL BE RE-INSTALLED AND RECONNECTED.
C.	ALL TELEPHONE VOIP CABLEING SHALL BE ROUTED TO NEAREST MDF PANEL. REFER TO TECHNOLOGY DETAILS AND NOTES ON E6.01.
D.	ALL PROPOSED BREAKERS SHALL MATCH PANEL TYPE AND AIC RATING.

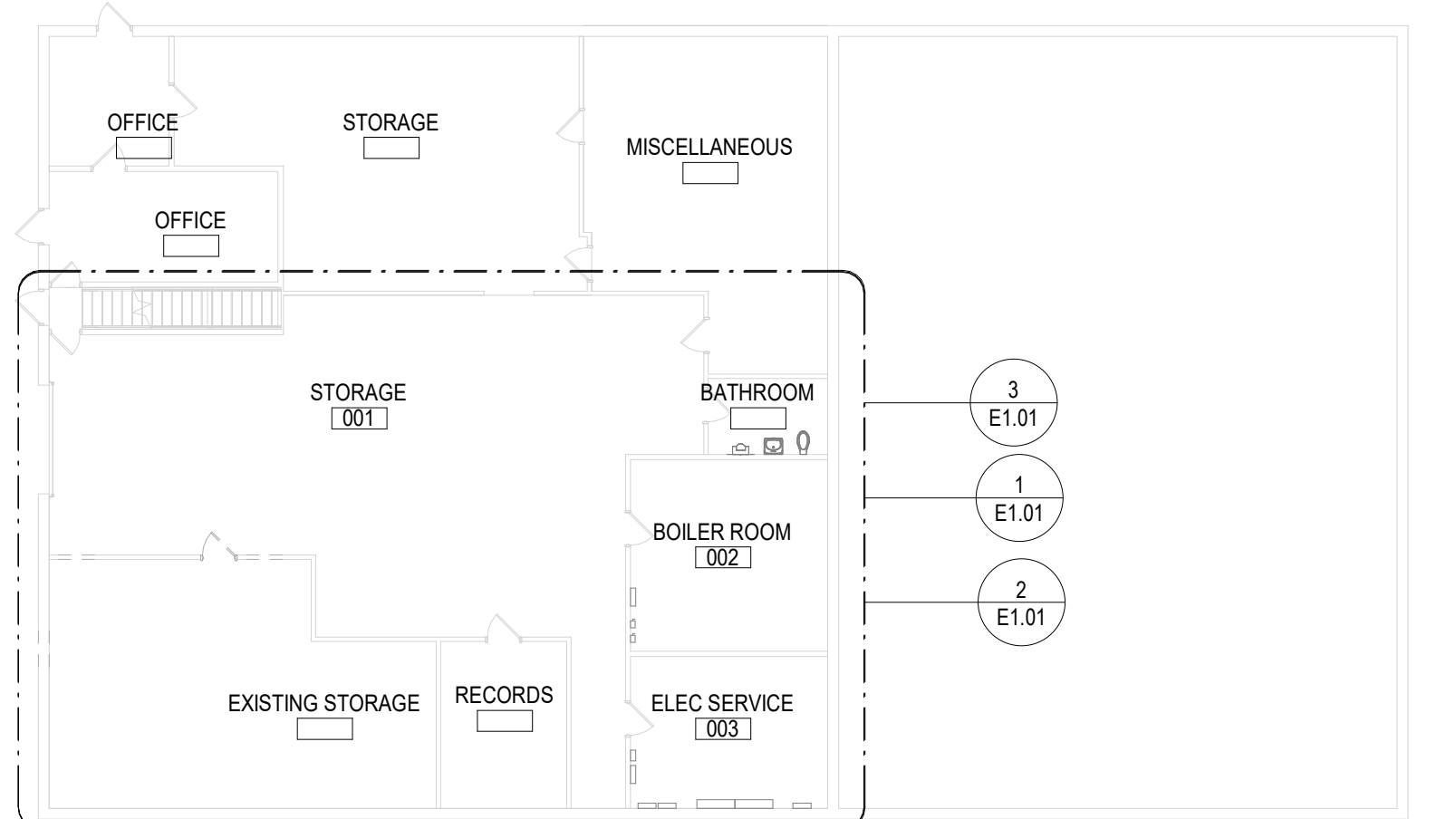
REV.	DATE	ITEM

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OVERALL FIRST FLOOR PLAN  
SCALE: 1/16" = 1'-0"



OVERALL BASEMENT PLAN  
SCALE: 1/16" = 1'-0"

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TOWN OF BEDFORD / WESTCHESTER COUNTY

PROJECT  
DRAWING BY: EEA  
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SEP No. 66-01-02-06-0-008-014  
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT  
PROJECT PHASE 2 - BOND IMPROVEMENTS ADMINISTRATION BUILDING  
DWG TITLE PROPOSED FIRST FL PLAN  
SCALE: AS NOTED  
DATE: FEBRUARY 24, 2025  
BID PICK UP: FEBRUARY 24, 2025  
FILE No. 23-131C ADMIN.

E1.01



LIGHTING FIXTURE SCHEDULE							
TAG	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTAGE / CCT / LAMP / CRI	VOLTAGE	REMARKS	
A1-EM	LED LINEAR BAY LIGHTING FIXTURE WITH EM BATTERY PACK, 14,000 LUMENS PACKAGE, DLC LISTING AND FROSTED ACRYLIC LENS	COOPER METALUX	4ILED-LD5-14-W-FL-UNV-L835-EL14W	98W/3500/LED/85+	UNV		
A2	2'X2' LED TROFFER WITH DLC LISTING AND 4300 LUMENS PACKAGE	COOPER METALUX	22EN-LD2-43-UNV-L835-CD1-U	38W/3500/LED/85+	UNV		
A2-EM	SAME AS A2 WITH EMERGENCY OPTION	COOPER METALUX	22EN-LD2-43-UNV-EL7W-L835-CD1-U	38W/3500/LED/85+	UNV		
B1	2'X4' LED TROFFER WITH EM BATTERY PACK, DLC LISTING AND 5400 LUMENS PACKAGE	COOPER METALUX	24EN-LD2-54-UNV-EL7W-L835-CD1-U	43W/3500/LED/85+	UNV		
C1	6" DOWNLIGHT	COOPER HALO	PR6-FS24-DO10	39W/3500/LED/85+	UNV		

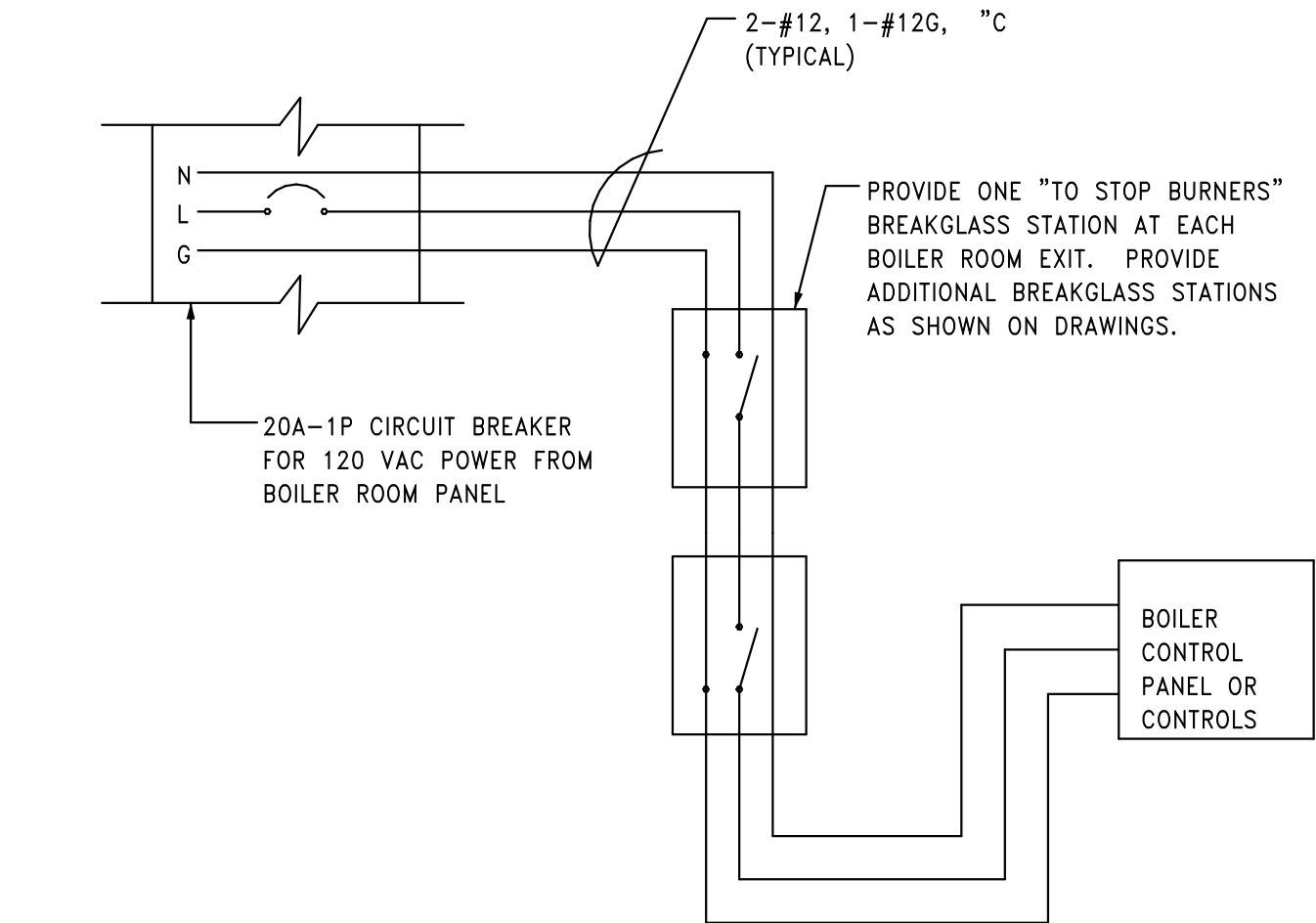
Electrical Equipment Schedule											
TAG	DESCRIPTION	VOLTAGE	PHASE	AMPS - (FLA/MCA)	POWER PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE	PROVIDE DISCONNECT	DISCONNECT	Notes
B-1	BOILER	208 V	3	7.8 FLA	BP-1	3.5,7	20A-3P	(3)#12, #12G, IN 3/4" C.	Yes	30A NEMA 1	
B-1 BURNER	BURNER	120 V	1	10 FLA	BP-1	1	20A-1P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
B-2 (ADD ALTERNATE)	BOILER	208 V	3	7.8 FLA	BP-1	4.6,8	20A-3P	(3)#12, #12G, IN 3/4" C.	Yes	30A NEMA 1	
B-2 BURNER (ADD ALTERNATE)	BURNER	120 V	1	10 FLA	BP-1	2	20A-1P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
CUH-I	CABINET UNIT HEATER	208 V	1	9.6 FLA	BP-1	19,21	20A-2P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
CUH-J	CABINET UNIT HEATER	208 V	1	9.6 FLA	BP-1	18,20	20A-2P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
CUH-K	CABINET UNIT HEATER	208 V	1	14.4 FLA	BP-1	26,28	25A-2P	(2)#10, #10G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
CUH-L	CABINET UNIT HEATER	208 V	1	9.6 FLA	BP-1	22,24	20A-2P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
EF-L	EXHAUST FAN	120 V	1	1 FLA	BP-1	29	15A-1P	(2)#12, #12G, IN 3/4" C.	Yes	MOTOR RATED TOGGLE SWITCH	
EW-H	ELECTRIC WATER HEATER	208 V	3	16.7 FLA	BP-1	23,25,27	25A-3P	(3)#10, #10G, IN 3/4" C.	Yes	30A NEMA 1	

### Branch Panel: BP-1

Location: ELEC SERVICE 003						Volts: 120/208 Wye						A.I.C. Rating:					
Supply From:						Phases: 3						Mains Type: MCB					
Mounting: SURFACE						Wires: 4						Mains Rating: 100 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT				
1	B-1 BURNER (SHUNT TRIP CB)	20 A	1	1200 VA	1200 VA					1	20 A	B-2 BURNER (SHUNT TRIP CB)	2				
3	B-1	20 A	3	--	--	941.9 VA	941.9 VA			3	20 A	B-2	4				
5	--	--	--	--	--			941.9 VA	941.9 VA	--	--	--	6				
7	--	--	--	941.9 VA	941.9 VA					--	--	--	8				
9	CO DETECTOR PNL	20 A	1			900 VA	900 VA			1	20 A	LEAD/LAG PNL	10				
11	TEMP CONTROL	20 A	1					900 VA	720 VA	1	20 A	CONVINIENCE RECEPT	12				
13	CONVINIENCE RECEPT	20 A	1	900 VA	360 VA					1	20 A	RECEPT - TOILET RM BASEMENT	14				
15	HAND DRYERS	20 A	1			1800 VA	180 VA			1	20 A	WATER COOLER	16				
17	GEN RECEPT	20 A	1					360 VA	1000 VA	2	20 A	CUH-J	18				
19	CUH-I	20 A	2	1000 VA	1000 VA					--	--	--	20				
21	--	--	--			1000 VA	1000 VA			2	20 A	CUH-L	22				
23	EW-H	25 A	3					2000 VA	1000 VA	--	--	--	24				
25	--	--	--	2000 VA	1500 VA					2	25 A	CUH-K	26				
27	--	--	--			2000 VA	1500 VA			--	--	--	28				
29	EF-L	15 A	1					1200 VA		--	--	--	30				
31													32				
33													34				
35													36				
37													38				
39													40				
41													42				
Total Load:				11044 VA		11164 VA		9064 VA									
Total Amps:				95 A		96 A		76 A									
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals									
Equipment		4500 VA		100.00%		4500 VA		Total Conn. Load: 31271 VA									
Motor		12600 VA		100.00%		12600 VA		Total Est. Demand: 31271 VA									
Receptacle		2520 VA		100.00%		2520 VA		Total Conn. Current: 87 A									
Power		11651 VA		100.00%		11651 VA		Total Est. Demand Current: 87 A									
Notes:																	

### Branch Panel: PNL B

Location: ELEC SERVICE 003						Volts: 120/208 Wye				A.I.C. Rating:															
Supply From:						Phases: 3				Mains Type: MCB															
Mounting: SURFACE						Wires: 4				Mains Rating: 100 A															
CKT	Circuit Description					Trip	Poles	A		B		C		Poles	Trip	Circuit Description					CKT				
1	Spare					100 A	3	0 VA	900 VA						1	20 A	SECRETARY AND MEETING RECEPT					2			
3	--					--	--			0 VA	1080 VA				1	20 A	OFFICE D RECEPT					4			
5	--					--	--					0 VA											6		
7								1080 VA								1	20 A	OFFICE C RECEPT					8		
9																							10		
11																							12		
13	Spare					20 A	3	0 VA	0 VA							3	200 A	Spare					14		
15	--					--	--			0 VA	0 VA					--	--	--						16	
17	--					--	--					0 VA		0 VA			--	--	--						18
Total Load:								1980 VA		1080 VA		0 VA													
Total Amps:								18 A		10 A		0 A													
Notes:																									



1 BOILER EPO  
SCALE: NTS

REV.

DATE

ITEM

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PROJECT

DWG TITLE

DESIGNER

APPROVER

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SED No.

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DISTRICT

BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT

PHASE 2 - BOND IMPROVEMENTS  
ADMINISTRATION BUILDING

DWG TITLE

SCHEDULES

SCALE:

AS NOTED

DATE:

FEBRUARY 24, 2025

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