

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

121 McLean Avenue
Yonkers, NY 10705

JANUARY 13, 2022

**NEW COMMUNITY SCHOOL
35 AT ST DENIS SITE**

NY SED Project Control No.
66-23-00-01-0-346-001

KG+D Project No.
2019-1026

DESIGN TEAM

CONFORMED CONSTRUCTION SET



ARCHITECT
KG+D Architects
285 Maint Street
Mount Kisco, NY 10549
phone: 914.666.5900

MECHANICAL ENGINEER
Barile Gallagher & Assoc.
39 Marble Avenue
Pleasantville, NY 10570
phone: 914.328.6060

STRUCTURAL ENGINEER
The Di Salvo Engineering Group
Lee Farm Corporate Park - Suite 200
83 Wooster Heights Road
Danbury, CT 06810
phone: 203.490.4140

CIVIL ENGINEER
Insite Engineering, Surveying & Landscape Architecture, PC
3 Garrett Place
Carmel, NY 10512
phone: 845.225.9690

SPECIFICATIONS CONSULTANT
Sue McClymonds Architect
200 Robb Road
Amsterdam, NY 12010
phone: 518.843.4054

FOOD SERVICE CONSULTANT
Clevenger Frable LaVallee
39 Westmoreland Ave, 3rd Floor
White Plains, NY 10606
phone: 914.997.9660

LIST OF DRAWINGS

VOLUME 1

CODE COMPLIANCE
C0001 GENERAL PROJECT INFORMATION & CODE COMPLIANCE
C0002 CODE COMPLIANCE

PHASING
G002 STAGING PLANS

TRAFFIC CONTROL
T101 WORK ZONE TRAFFIC CONTROLS - 1
T102 WORK ZONE TRAFFIC CONTROLS - 2
T103 WORK ZONE TRAFFIC CONTROLS - 3
T104 WORK ZONE TRAFFIC CONTROLS - 4
T105 WORK ZONE TRAFFIC CONTROLS - 5
T106 WORK ZONE TRAFFIC CONTROLS - 6

CIVIL
C100 EXISTING CONDITIONS PLAN
C101 EROSION CONTROL AND REMOVALS PLAN
C200 LAYOUT AND LANDSCAPE PLAN
C201 ENLARGED PLANS
C300 GRADING AND UTILITIES PLAN
C400 DETAILS
C401 DETAILS
C402 DETAILS
C403 DETAILS
C404 DETAILS
C405 DETAILS

STRUCTURAL
S001 GENERAL NOTES AND MATERIAL SPECIFICATIONS
S100 PART. FOUNDATION AND BASEMENT SLAB ON GRADE PLAN
S101 FIRST FLOOR SLAB-ON-GRADE AND FOUNDATION PLAN
S102 SECOND FLOOR AND LINK ROOF FRAMING PLAN
S103 THIRD FLOOR FRAMING PLAN
S104 FOURTH FLOOR FRAMING PLAN
S105 ROOF FRAMING PLAN
S106 STAIR ROOF FRAMING PLAN
S110 COMMUNITY WING PART. FOUNDATION AND LOWER LEVEL SLAB ON GRADE PLAN
S111 COMMUNITY WING GROUND FLOOR SLAB ON GRADE & FRAMING PLAN
S112 COMMUNITY WING LOW AND HIGH ROOF FRAMING PLAN
S201 FOUNDATION SCHEDULES AND TYPICAL DETAILS
S202 FOUNDATION SCHEDULES AND TYPICAL DETAILS
S210 FOUNDATION SECTIONS
S211 FOUNDATION SECTIONS
S212 FOUNDATION SECTIONS
S213 FOUNDATION SECTIONS
S301 STEEL FRAMING SCHEDULES AND TYPICAL DETAILS
S302 STEEL COLUMN SCHEDULE
S303 STEEL COLUMN SCHEDULE
S304 STEEL COLUMN SCHEDULE
S305 STEEL TRUSS ELEVATION AND COLUMN BASEPLATE DETAIL
S310 FRAMING SECTIONS
S311 FRAMING SECTIONS
S312 FRAMING SECTIONS
S313 FRAMING SECTIONS
S314 FRAMING SECTIONS

FRAMING SECTIONS
S316 FRAMING SECTIONS
S317 FRAMING SECTIONS
S401 MASONRY SCHEDULE AND TYPICAL DETAILS
S402 MASONRY TYPICAL DETAILS
S501 COLD FORMED FRAMING SCHEDULES AND TYPICAL DETAILS

ARCHITECTURAL
A101 KEY PLANS
A200 BASEMENT PLAN
A201 1st FLOOR PLAN
A202 2nd FLOOR PLAN
A203 3rd FLOOR PLAN
A204 4th FLOOR PLAN
A205 ROOF LEVEL PLAN
A211 COMMUNITY WING BASEMENT & 1st FLOOR PLANS
A212 COMMUNITY WING ROOF & CLERESTORY PLANS
A213 ADD ALTERNATE GYM BASEMENT FIT-OUT PLAN & RCP
A301 CLASSROOM BUILDING ELEVATIONS
A302 CLASSROOM BUILDING ELEVATIONS
A303 CLASSROOM BUILDING SECTIONS
A304 CLASSROOM BUILDING SECTIONS
A305 SOUTH FACADE BAY WINDOW AXONOMETRIC ELEVATION & DETAILS
A306 NORTH, WEST FACADE BAY WINDOW AXONOMETRIC ELEVATIONS & DETAILS
A307 EAST FACADE CORNER WINDOW AXONOMETRIC ELEVATION & DETAILS
A308 1st FLOOR FENCING PLAN
A309 FENCE ELEVATIONS SECTIONS & DETAILS
A311 COMMUNITY WING BUILDING ELEVATIONS
A312 COMMUNITY WING BUILDING SECTIONS
A401 TOILET ROOM PLANS & ELEVATIONS
A402 TOILET ROOM PLANS & ELEVATIONS
A403 OFFICE & HEALTH SUITE ELEVATIONS
A404 CAFETERIA INTERIOR DETAILS
A405 LIBRARY & MAKER SPACE - ENLARGED PLANS & ELEVATIONS
A406 ART & MUSIC ROOMS - ENLARGED PLANS & ELEVATIONS
A407 SCIENCE ROOM ENLARGED PLAN & ELEVATIONS
A408 TYPICAL PRE-K & KINDERGARTEN CLASSROOM PLANS & ELEVATIONS
A409 TYPICAL 2nd, 3rd, & 4th FLOOR CLASSROOM PLANS & ELEVATIONS
A410 2nd & 4th FL. SPEC. EDU. CLASSROOM PLANS & ELEVATIONS
A411 TYPICAL 1st, 2nd, & 3rd FLOOR CORRIDOR ELEVATIONS
A412 4TH FL CORRIDOR ELEVATIONS
A413 GYMNASIUM INTERIOR ELEVATIONS
A420 TYP. MILLWORK DETAILS & OTHER INTERIOR DRAWINGS
A421 TYP. MILLWORK DETAILS & MISC INTERIOR DETAILS
A422 CLASSROOM MILLWORK DETAILS
A501 BASEMENT & 1st FLOOR FINISH PLANS
A502 2nd FLOOR FINISH PLAN
A503 3rd FLOOR FINISH PLAN
A504 4th FLOOR FINISH PLAN
A505 COMMUNITY WING BASEMENT & 1st FLOOR FINISH PLANS
A506 ACADEMIC WING FINISH SCHEDULE
A507 COMMUNITY WING FINISH SCHEDULE & MISC SCHEDULES
A508 WALL FINISH ELEVATION TYPES
A530 SIGNAGE TYPES
A531 SIGNAGE TYPES

A532 SIGNAGE SCHEDULE
A600 BASEMENT CEILING PLAN
A601 1st FLOOR CEILING PLAN
A602 2nd FLOOR CEILING PLAN
A603 3rd FLOOR CEILING PLAN
A604 4th FLOOR CEILING PLAN
A611 COMMUNITY WING BASEMENT & 1st FLOOR REFLECTED CEILING PLANS
A701 STAIR "A" PLANS & SECTIONS
A702 STAIR "B" PLANS
A703 STAIR "B" SECTIONS
A704 STAIR "C" PLANS & SECTIONS
A705 STAIR "D", "E" & "F" PLANS & SECTIONS
A706 STAIR "G", "H" & STAGE STAIRSLIFT PLANS & SECTIONS
A707 ELEVATOR PLANS & SECTIONS
A708 TYPICAL STAIR & RAILING DETAILS
A801 WALL SECTIONS
A802 WALL SECTIONS
A803 WALL SECTIONS
A804 WALL SECTIONS and DETAILS
A805 TYPICAL BAY WINDOW ENLARGED PLANS, SECTIONS & DETAILS
A806 ENLARGED SECTIONS and DETAILS
A807 ENLARGED SECTIONS and DETAILS
A811 GYM WALL SECTIONS
A812 GYM WALL SECTIONS
A813 GYM WALL SECTIONS
A814 FIRE WALL & CORRIDOR LINK WALL SECTIONS & DETAILS
A901 TYPICAL WALL TYPES
A902 DOOR SCHEDULE
A903 TYPICAL DOOR TYPES & DETAILS
A904 ALUMINUM WINDOW & DOOR ASSEMBLIES
A905 HOLLOW METAL WINDOW & DOOR ASSEMBLIES
A906 TYPICAL ROOF SECTIONS & DETAILS
A907 CEILING DETAILS

KITCHEN
KA-1 KITCHEN EQUIPMENT PLAN
KA-2 KITCHEN PLUMBING PLAN
KA-3 KITCHEN ELECTRICAL PLAN
KA-4 KITCHEN SPECIAL CONDITIONS PLAN
KA-5 SHOP DRAWING DETAILS

VOLUME 2

SPRINKLER
SP200 LEGEND, SCHEDULE, NOTES, AND BASEMENT FLOOR SPRINKLER PLAN
SP201 1st FLOOR PLAN
SP202 2nd FLOOR PLAN
SP203 3rd FLOOR PLAN
SP204 4th FLOOR PLAN
SP210 COMMUNITY WING SPRINKLER PLAN
SP213 COMMUNITY WING BASEMENT - ADD ALT - GYM BASEMENT FIT-OUT PLAN
SP300 BUILDING SPRINKLER / FIRE STANDPIPE RISER DIAGRAM AND DETAILS

PLUMBING
P200 LEGEND, SCHEDULE, NOTES AND BASEMENT FLOOR PLUMBING PLAN
P201 1st FLOOR PLAN
P202 2nd FLOOR PLAN
P203 3rd FLOOR PLAN
P204 4th FLOOR PLAN
P205 1st FLOOR KITCHEN PLAN
P206 SITE PLAN
P210 COMMUNITY WING GYM FLOOR PLANS PLAN
P211 COMMUNITY WING BASEMENT FLOOR PLAN
P213 COMMUNITY WING BASEMENT - ADD ALT - GYM BASEMENT FIT-OUT PLAN
P300 PLUMBING DETAILS
P400 ACADEMIC BUILDING SCHEMATIC SANITARY RISER DIAGRAM
P401 ACADEMIC BUILDING DOMESTIC WATER SCHEMATIC RISER DIAGRAM

MECHANICAL
H200 LEGEND, BASEMENT FLOOR PLANS, AND NOTES
H201 1st FLOOR PLAN
H202 2nd FLOOR PLANS
H203 3rd FLOOR PLANS
H204 4th FLOOR PLANS
H205 ROOF PLAN
H206 MECHANICAL SECTIONS
H210 COMMUNITY WING BASEMENT FLOOR PLAN
H211 COMMUNITY WING 1st FLOOR PLANS
H213 COMMUNITY WING BASEMENT - ADD ALT - GYM BASEMENT FIT-OUT
H300 BASEMENT PIPING
H301 1st FLOOR PIPING
H302 2nd FLOOR PIPING
H303 3rd FLOOR PIPING
H304 4th FLOOR PIPING
H311 COMMUNITY WING 1st FLOOR PIPING
H400 SCHEDULES
H401 SCHEDULES
H402 SCHEDULES
H403 SCHEDULES
H500 DETAILS
H501 DETAILS
H502 DETAILS
H503 ACADEMIC BUILDING SCHEMATIC HYDRONIC HEATING RISER DIAGRAM

ELECTRICAL
E001 LEGENDS, ABBREVIATIONS AND NOTES
E200 BASEMENT FLOOR ELECTRICAL LIGHTING PLAN
E201 1st FLOOR ELECTRICAL LIGHTING PLAN
E202 2nd FLOOR ELECTRICAL LIGHTING PLAN
E203 3rd FLOOR ELECTRICAL LIGHTING PLAN
E204 4th FLOOR ELECTRICAL LIGHTING PLAN
E210 COMM. WING BASEMENT ELEC LIGHTING PLAN
E211 COMM. WING 1st FL ELEC LIGHTING PLAN
E212 SITE ELECTRICAL PLAN
E213 COMM. WING BASEMENT ELEC LIGHTING PLAN ADD ALTERNATE
E300 BASEMENT POWER AND FA PLAN
E301 1st FLOOR POWER AND FA PLAN
E302 2nd FLOOR POWER AND FA PLAN
E303 3rd FLOOR POWER AND FA PLAN
E304 4th FLOOR POWER AND FA PLAN
E305 ROOF POWER PLAN

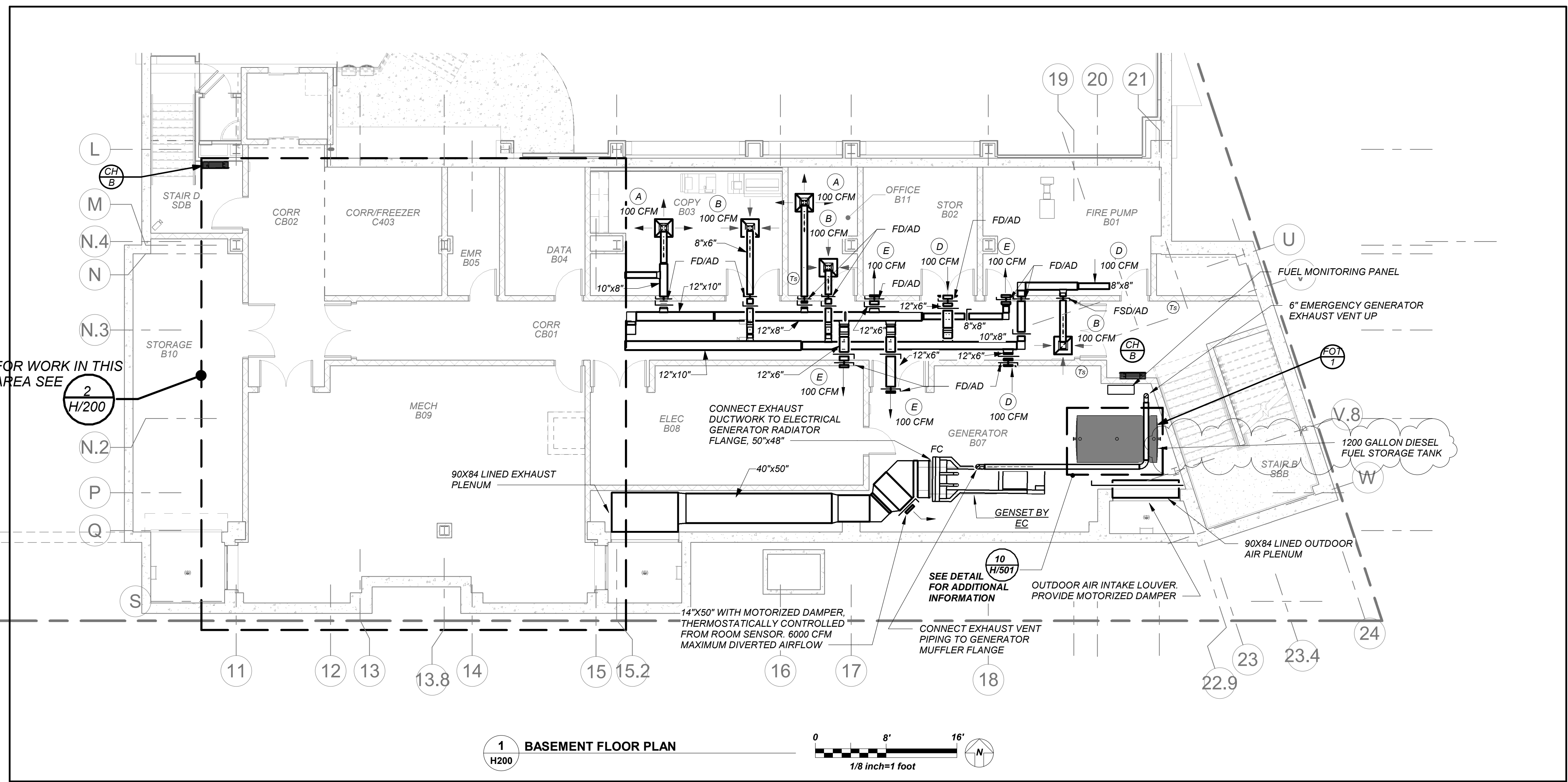
E310 COMM. WING BASEMENT POWER AND FA PLAN
E311 COMM. WING 1st FLOOR POWER AND FA PLAN
E312 KITCHEN POWER PLAN
E313 COMM. WING ADD ALTERNATE POWER AND FA PLAN
E400 ELECTRICAL CONDUIT PLAN
E501 ELECTRICAL RISERS
E502 FIRE ALARM RISER
E503 PUBLIC ADDRESS & RESCUE ASSISTANCE RISER
E601 LIGHTING SCHEDULES
E602 ELECTRICAL PANEL SCHEDULES
E603 ELECTRICAL PANEL SCHEDULES
E604 ELECTRICAL PANEL SCHEDULES
E701 ELECTRICAL DETAILS
E702 ELECTRICAL DETAILS
E703 ELECTRICAL DETAILS
E704 ELECTRICAL DETAILS
E705 ELECTRICAL DETAILS

SOLAR ROOF TOP SYSTEM
PG001 TITLE SHEET
PG200 OVERALL ARRAY PLAN
PG300 FIRE ACCESS PLAN
PE001 ELECTRICAL NOTES & SYMBOL LIST
PE100 ELECTRICAL PANEL SCHEDULES
PE200 DC ELECTRICAL PLAN
PE300 ONE LINE DIAGRAM
PE310 SCHEDULES & CALCULATIONS
PE401 GROUNDING DETAILS
PE402 ELECTRICAL DETAILS
PE500 LABELS & SIGNAGE
PE600 EQUIPMENT DATA SHEETS

SECURITY
SE-000 COVER SHEET / LEGEND & INDEX
SE-100 SECURITY UPDATE PROJECT FIRST FLOOR
SE-101 SECURITY UPDATE PROJECT BASEMENT
SE-102 SECURITY UPDATE PROJECT COMMUNITY FIRST FLOOR
SE-103 SECURITY UPDATE PROJECT COMMUNITY BASEMENT
SE-104 SECURITY UPDATE PROJECT SECOND FLOOR
SE-105 SECURITY UPDATE PROJECT THIRD FLOOR
SE-106 SECURITY UPDATE PROJECT FOURTH FLOOR
SE-200 SECURITY RISER DIAGRAM FIRST FLOOR
SE-201 SECURITY RISER DIAGRAM BSMT, COMM. 1st FL & COMM. BSMT
SE-202 SECURITY RISER DIAGRAM SECOND FL, THIRD FL & FOURTH FL
SE-300 CLOSET ELEVATIONS IDF-1
SE-301 CLOSET ELEVATIONS COMMUNITY BASEMENT IDF-2
SE-302 CLOSET ELEVATIONS SECOND FLOOR IDF-3
SE-303 CCTV ONE LINE DIAGRAM
SE-700 ISTAR DRAWING WIRING DIAGRAM
SE-701 BURGLAR & ACCESS INTERFACE
SE-702-A ULTRA SE TYP WIRING DIAGRAM FOR 16 CR DOORS w/ MOTION REX
SE-702-B ULTRA SE TYP WIRING DIAGRAM FOR 16 CR DOORS w/ BUILT-IN REX
SE-703 SECURITY EQUIPMENT DETAIL 1A DOOR TYPICALS
SE-703A SECURITY EQUIPMENT DETAIL 1A DOOR TYPICALS
SE-703B SECURITY EQUIPMENT DETAIL 1B DOOR TYPICALS
SE-704 SECURITY EQUIPMENT DETAIL 2 ACCESS DEVICE TYPICALS
SE-705 SECURITY EQUIPMENT DETAIL 3 ILDA DEVICE TYPICALS
SE-705A SECURITY EQUIPMENT DETAIL 4 BURGLAR DEVICE TYPICALS
SE-706 SECURITY EQUIPMENT DETAIL 5 CCTV TYPICALS
Sheet Total: 254

COVER

VOL. 2



1 BASEMENT FLOOR PLAN
H200

BUILDING STRUCTURE FIREPROOFING:

THE BUILDING STRUCTURE WILL BE PROTECTED BY 2" FIREPROOFING THROUGHOUT. THIS CONTRACTOR SHALL ISSUE COORDINATION DRAWINGS ACCORDING TO THE STRICT SCHEDULE OUTLINED IN THE "FRONT END" DOCUMENTS. ALL HANGERS FOR PIPING, CONDUIT, DUCTWORK, EQUIPMENT, ETC. MUST BE IN PLACE BEFORE FIREPROOFING TAKES PLACE. THE INSTALLATION OF HANGERS AFTER THE FACT THAT REQUIRES THE RE-APPLICATION OF FIREPROOFING WILL BE AT THE EXPENSE OF THIS CONTRACTOR.

GENERAL NOTES:
VRF AND DUCTLESS SPLIT SYSTEMS:

THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:

PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. FOR COMPLETE AND OPERABLE SYSTEMS.

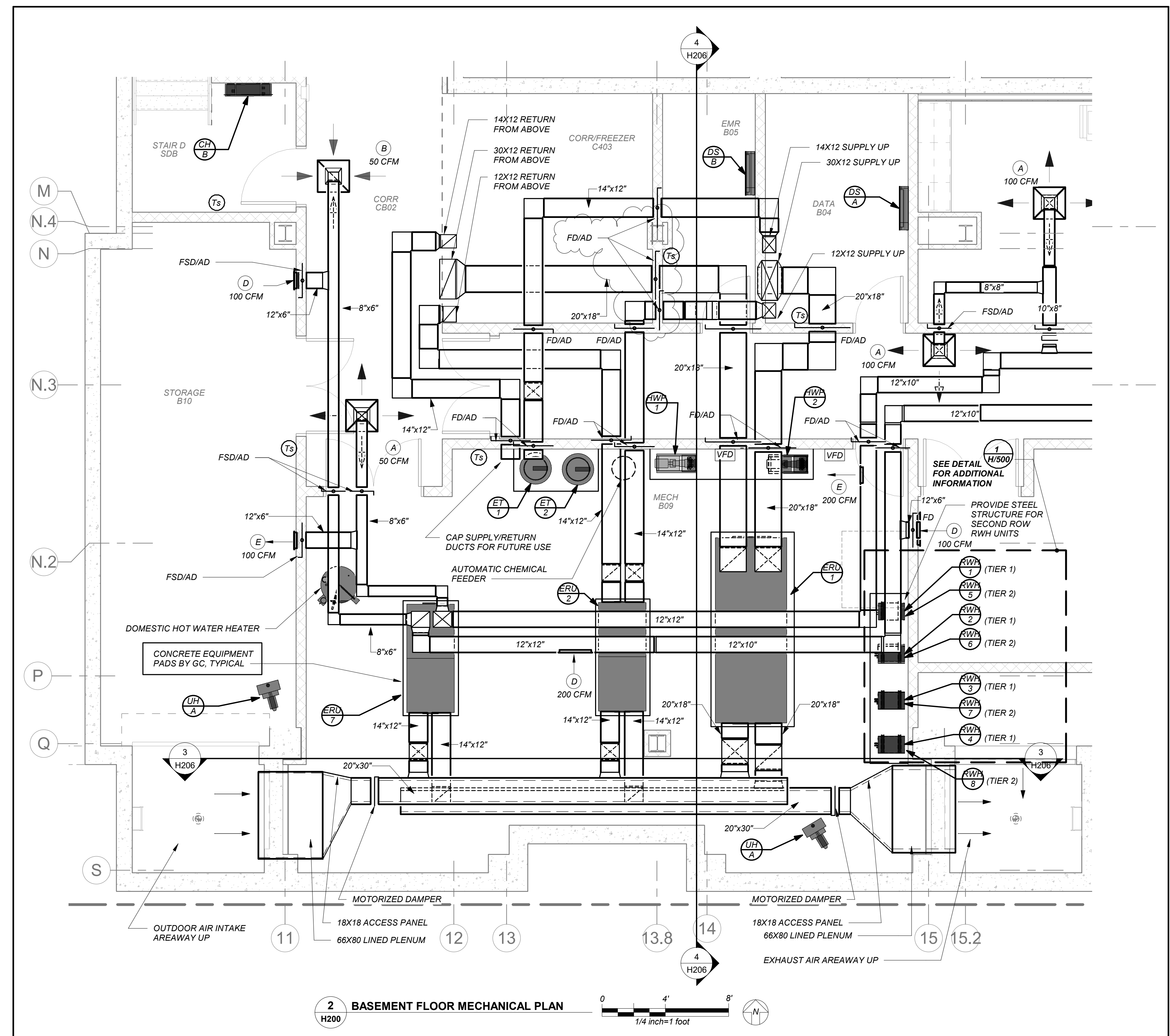
PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

EQUIPMENT IDENTIFICATION TAGS:

EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG NUMBERS/LETTERS. THOSE DESIGNATIONS SHALL BE USED IN ALL BMS PROGRAMMING AND ON PERMANENT EQUIPMENT TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL DESIGNATIONS.

DUCTWORK LINER:

ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS. PROVIDE ADDITIONAL LINER WHERE NOTED.



2 BASEMENT FLOOR MECHANICAL PLAN
H200

| LEGEND | |
|--------|---|
| | NEW DUCTWORK |
| | 1" THERMAL ACOUSTIC LINING DUCTWORK ON PLANS ARE CLEAR INSIDE DIMENSIONS |
| | FLEXIBLE CONNECTION |
| | SQUARE DUCT TURN WITH TURNING VANES |
| | NEW 4-WAY CEILING DIFFUSER |
| | NEW 3-WAY CEILING DIFFUSER |
| | NEW 2-WAY CEILING DIFFUSER |
| | CEILING EXHAUST/RETURN REGISTER |
| | REGISTER/DIFFUSER IDENTIFICATION |
| | DUCT DROP, DUCT RISE |
| | DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE) |
| | MOTORIZED AIR VOLUME DAMPER (W/ACCESS DOOR) |
| | FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR |
| | COMBINATION FIRE/SMOKE DAMPER (U.L. APPROVED) & ACCESS DOOR |
| | HOT WATER SUPPLY PIPING |
| | HOT WATER RETURN PIPING |
| | LIQUID REFRIGERANT PIPING |
| | SUCTION REFRIGERANT PIPING |
| | HOT GAS REFRIGERANT PIPING |
| | CONDENSATE DRAIN PIPING |
| | FLOW DIRECTION WITHIN PIPE |
| | GATE VALVE (HORIZONTAL/VERTICAL) |
| | COMBINATION BALANCING & SHUT-OFF VALVE (CIRCUIT SETTER) |
| | 2-WAY CONTROL VALVE |
| | 3-WAY CONTROL VALVE |
| | CHECK VALVES |
| | PIPE CONNS. (BOTTOM, TOP 45 OR 90; PIPE UP) |
| | EXPANSION JOINT, ANCHOR AND GUIDES |
| | HOT WATER PUMP IDENTIFICATION |
| | EXHAUST FAN IDENTIFICATION |
| | SUPPLY FAN IDENTIFICATION |
| | DUCTLESS SPLIT UNIT IDENTIFICATION |
| | HOT WATER CABINET HEATER IDENTIFICATION |
| | ELECTRIC CABINET HEATER IDENTIFICATION |
| | HOT WATER UNIT HEATER IDENTIFICATION |
| | ELECTRIC UNIT HEATER IDENTIFICATION |
| | CONDENSATE PUMP IDENTIFICATION |
| | INDOOR ENERGY RECOVERY UNIT IDENTIFICATION |
| | OUTDOOR ENERGY RECOVERY UNIT IDENTIFICATION |
| | FAN COIL UNIT IDENTIFICATION |
| | REFRIGERANT TO HOT WATER HEAT EXCHANGER UNIT IDENTIFICATION |
| | AIR SOURCE HEAT PUMP UNIT IDENTIFICATION |
| | EXPANSION TANK IDENTIFICATION |
| | CONVECTOR IDENTIFICATION |
| | FUEL OIL TANK IDENTIFICATION |
| | HOT WATER HEATING COIL IDENTIFICATION |
| | RADIANT CEILING PANEL IDENTIFICATION |
| | NEW FIN TUBE RADIATION IDENTIFICATION |
| | TO CONTROLLED ITEM WALL MTD. (S-2" A.F.-F-U.O.N.) TEMPERATURE SENSOR |
| | TO CONTROLLED ITEM WALL MTD. (S-2" A.F.-F-U.O.N.) REVERSE ACTING THERMOSTAT |
| | TO CONTROLLED ITEM WALL MTD. (S-2" A.F.-F-U.O.N.) CARBON DIOXIDE SENSOR |
| | CIRCUIT SETTER |
| | DOOR UNDERCUT |
| | POWDER COATED SHEET METAL RISER ENCLOSURE |
| | AUTOMATIC TEMPERATURE CONTROLS |
| | CEILING DIFFUSER |
| | CEILING REGISTER |
| | TOP WALL REGISTER |
| | CUBIC FEET PER MINUTE |
| | FULL SIZE CONNECTION |
| | ABOVE FINISHED FLOOR |
| | OUTSIDE (FRESH) AIR INTAKE |
| | HEATING, VENTILATING, AIR CONDITIONING CONTRACTOR |
| | ELECTRICAL CONTRACTOR |
| | PLUMBING CONTRACTOR |
| | GENERAL TRADES CONTRACTOR |
| | FLEXIBLE CONNECTION |
| | FULL SIZE CONNECTION |
| | ACCESS DOOR |
| | 1/2" SQ. WIRE MESH GRILLE |
| | FIRE DAMPER |
| | SECTION/DETAIL/ELEVATION/PART NUMBER |
| | DRAWING NUMBER |
| | SECTION/ELEVATION IDENTIFICATION |

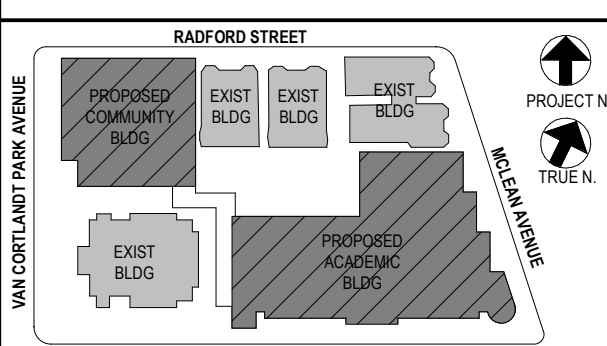
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bgd
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
RLA328.0009 GENENAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Legend, Basement Floor Plans, and Notes

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

H200

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

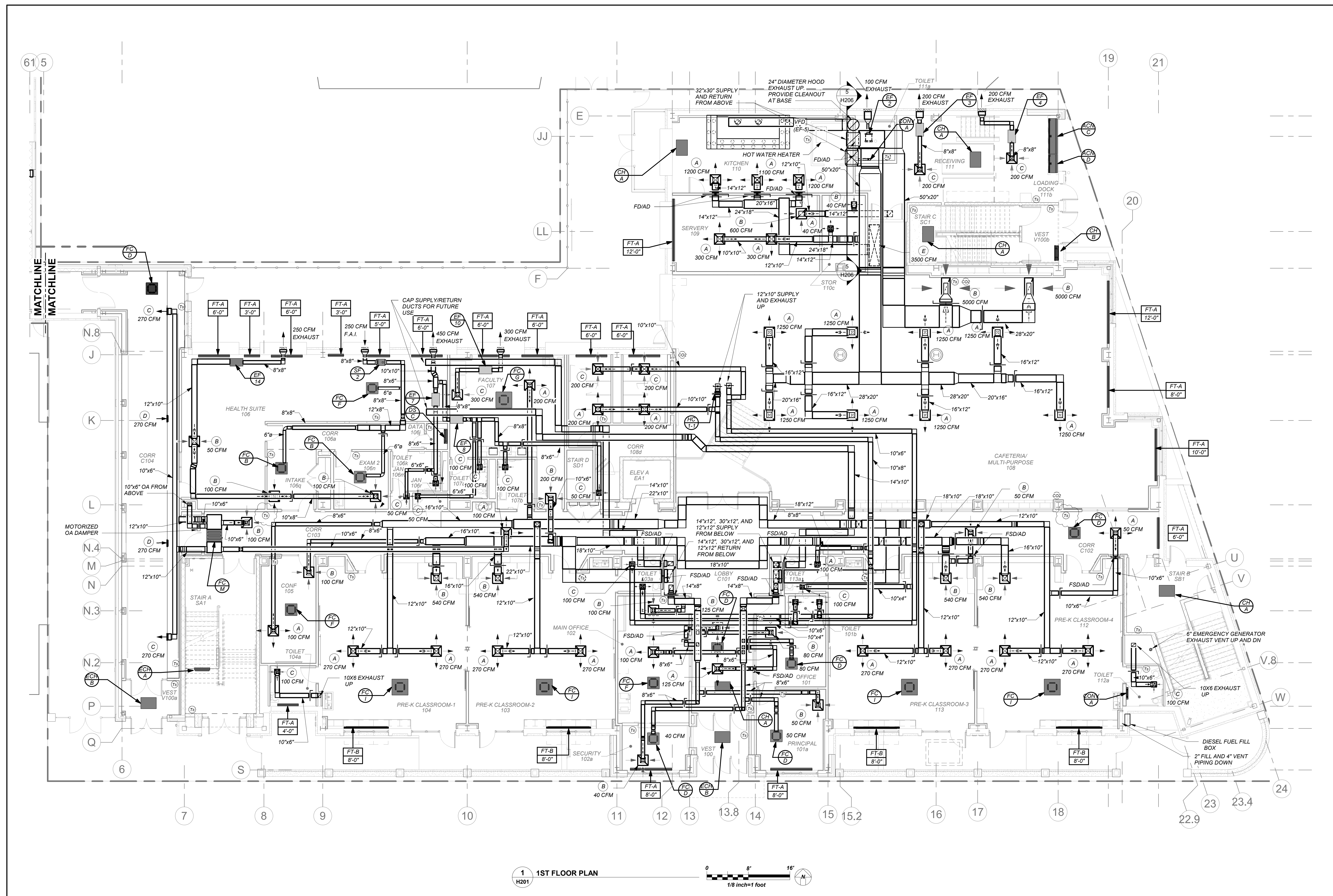
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

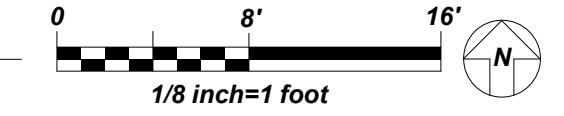


BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 1ST FLOOR PLAN
H201



DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NOTE: ALL LOCAL, REGIONAL, STATEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF INTER-CARBET A DIVISION OF KEGAN ARCHITECTS PC. THESE PLANS WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KEGAN.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT © INTER-CARBET, A DIVISION OF KEGAN ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| | |
|----------------|-----------------|
| Sheet Title | |
| 1st Floor Plan | |
| Job No. | Date |
| 2019-1026 | 8/31/20 |
| Scale | Drawn / Checked |
| AS NOTED | BGA/BGA |
| Sheet Number | |
| H201 | |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.686.5900 KGDARCHITECTS.COM

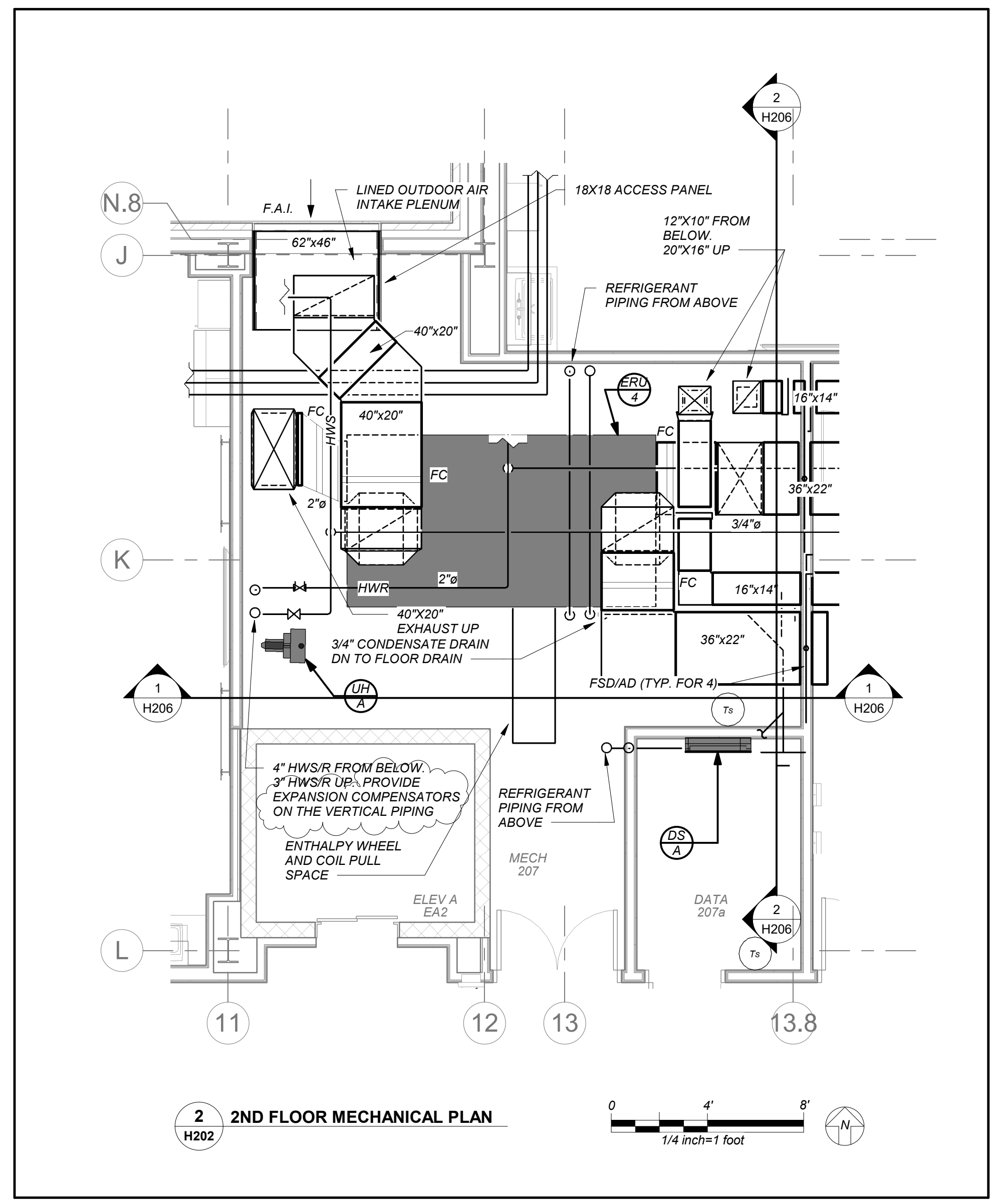
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

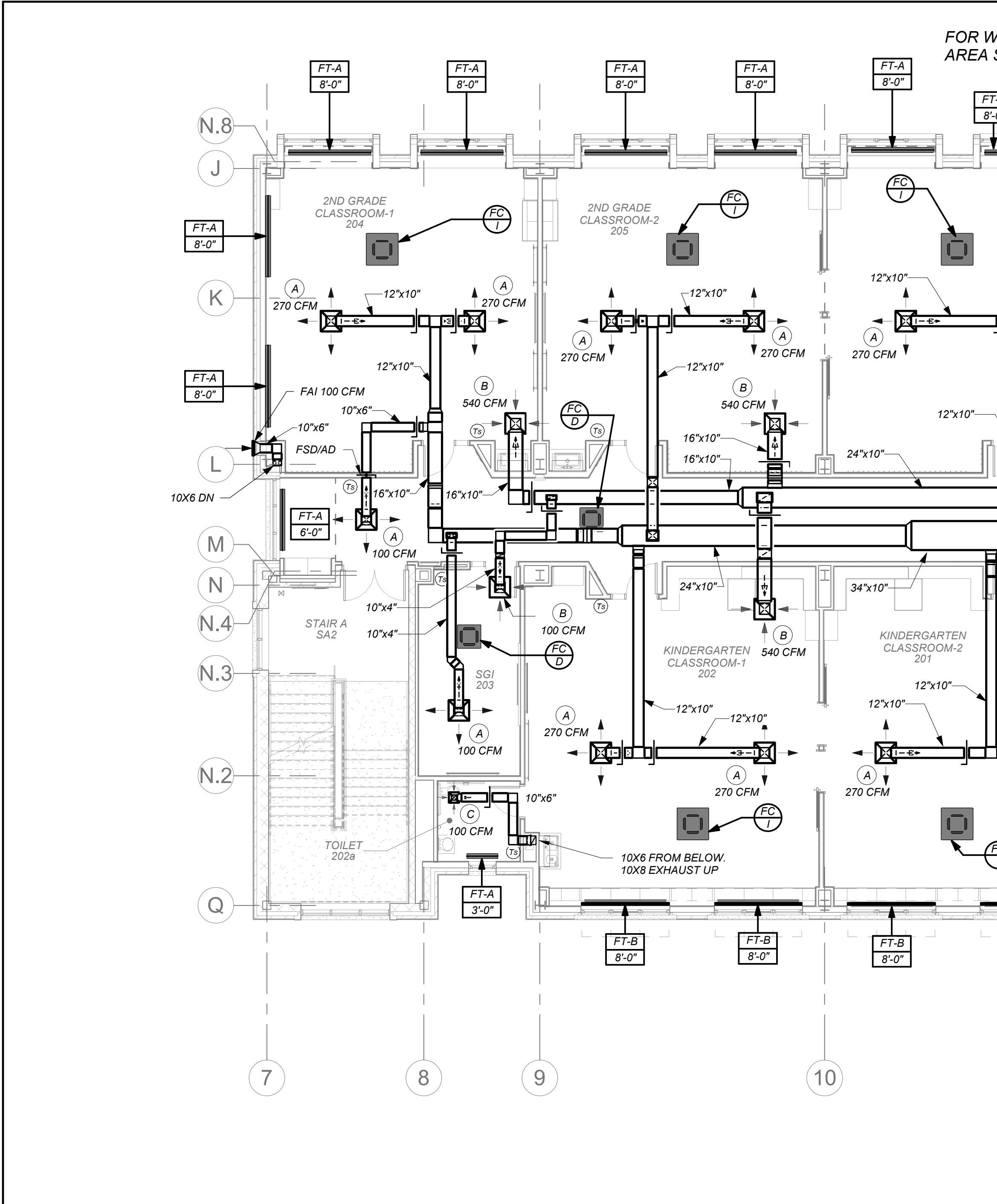
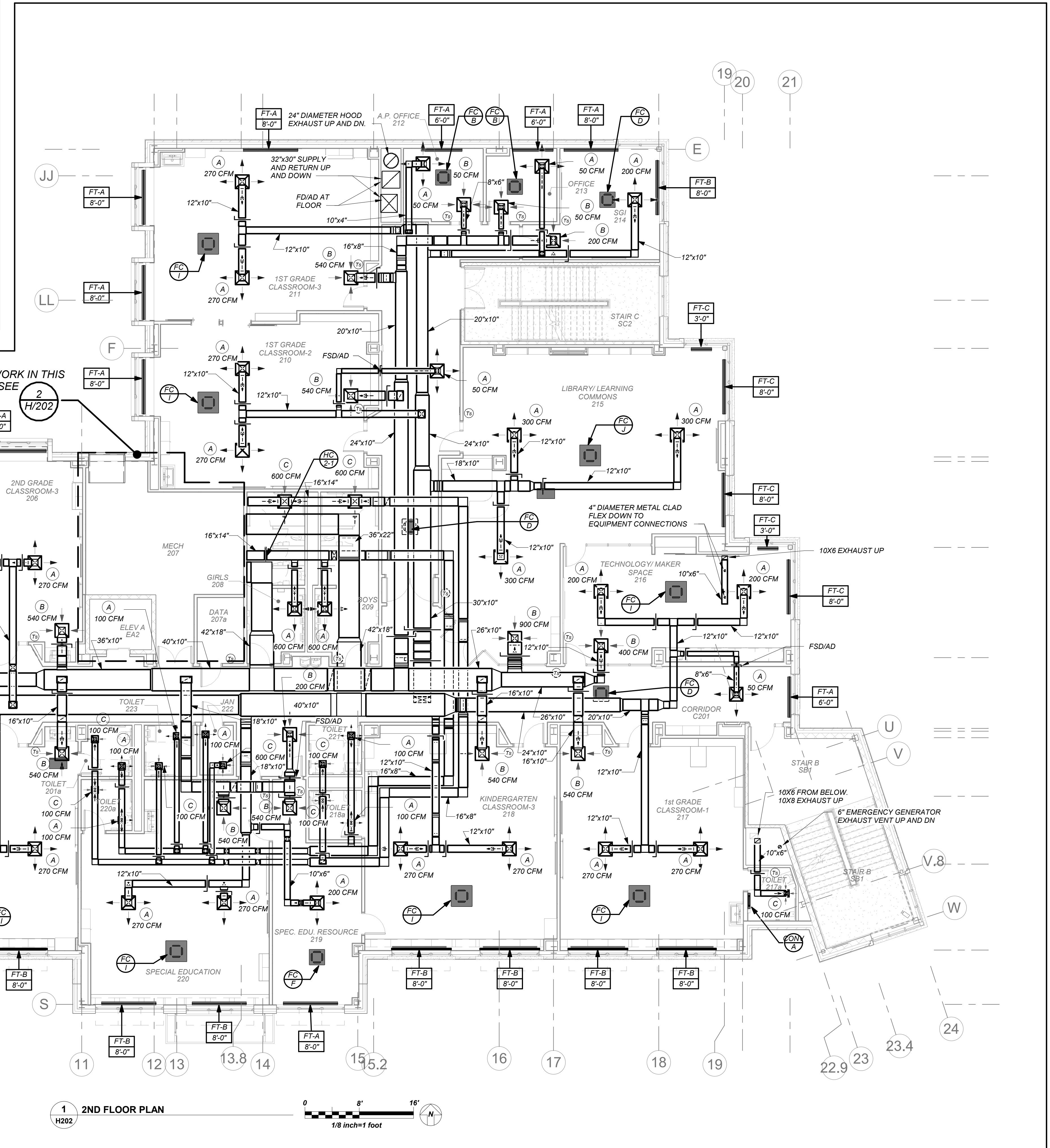


BARILE GALLAGHER & ASSOCIATES

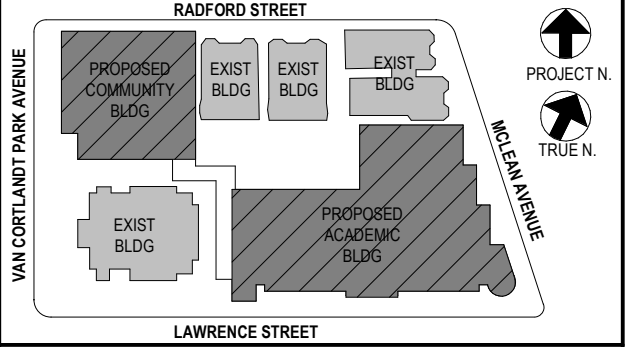
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P-914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NOTE: ALL LOCAL ORDINANCES, ORDINANCES AND RULES INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF WATER GARDEN & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS OR PLANS SHALL BE USED BY OR DECISIONS TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA/D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL, OR PROFESSIONAL REGISTERED AS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW, CONSTITUTE MALPRACTICE, GROSS NEGLIGENCE AND CONSTITUTE A VIOLATION OF ALL RIGHTS RESERVED.

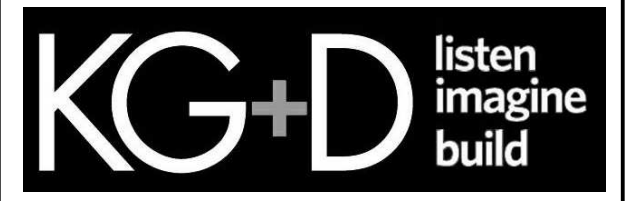
Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| | |
|-----------------|-----------|
| 2nd Floor Plans | |
| Job No. | 2019-1026 |
| Date | 8/31/20 |
| Scale | AS NOTED |
| Drawn / Checked | BGA/BGA |
| Sheet Number | H202 |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



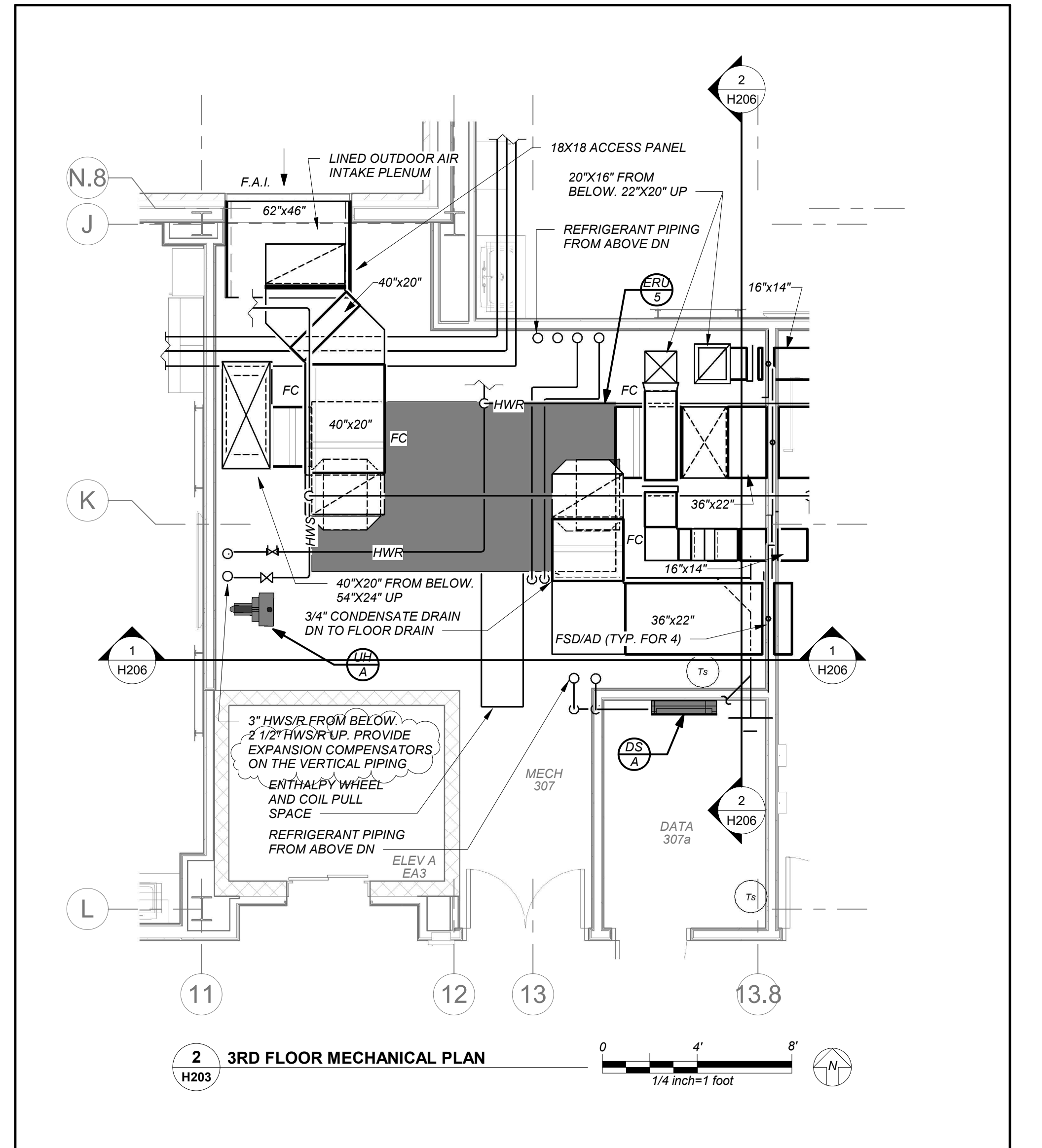
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

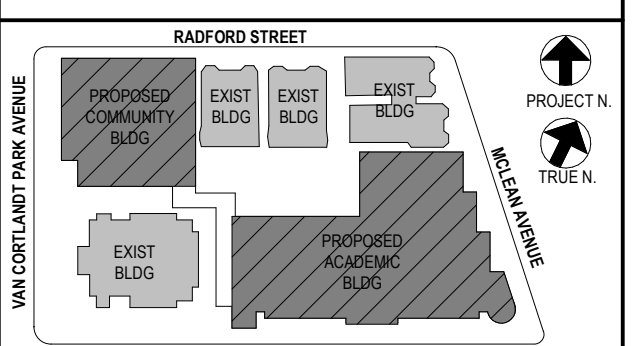
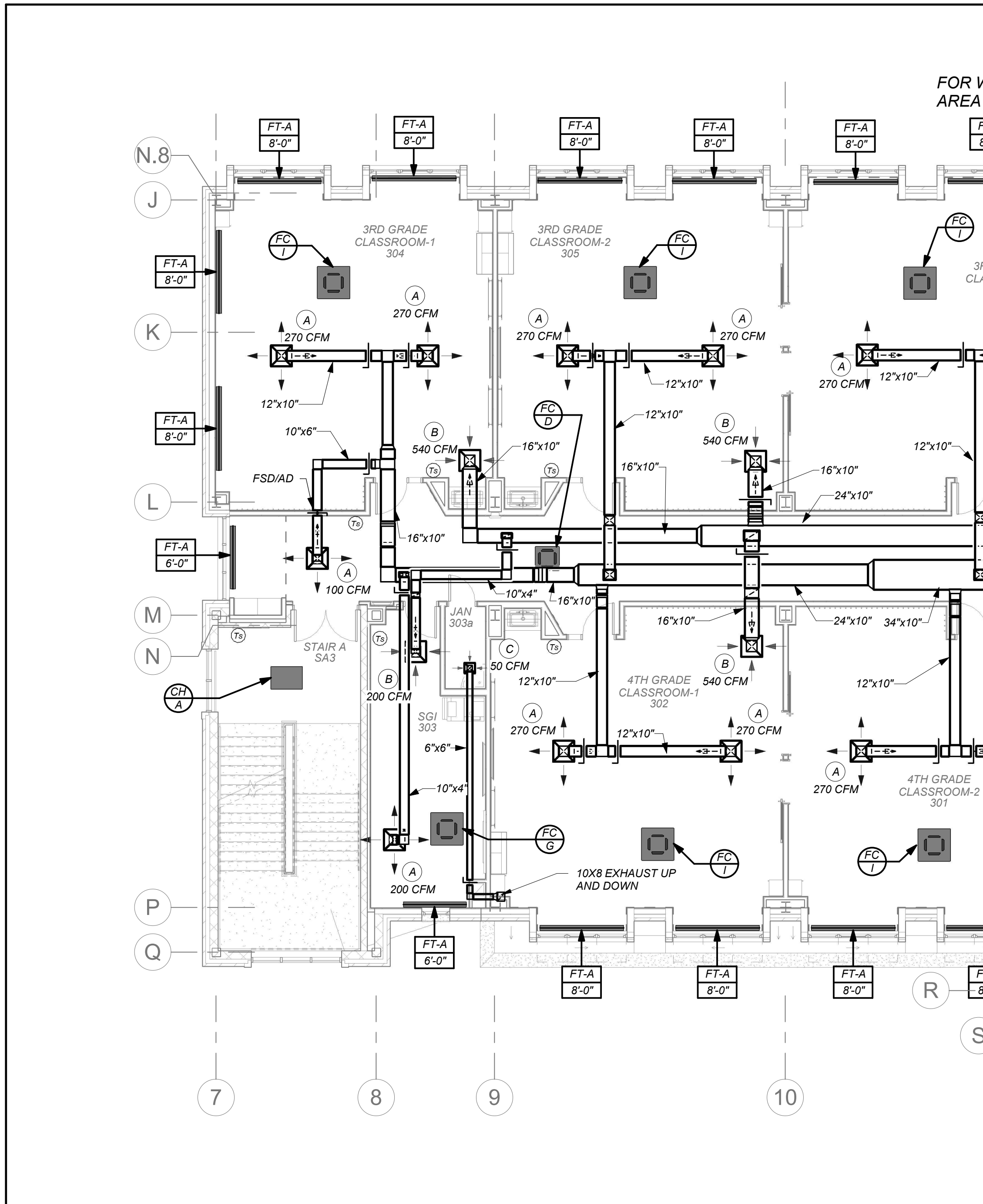
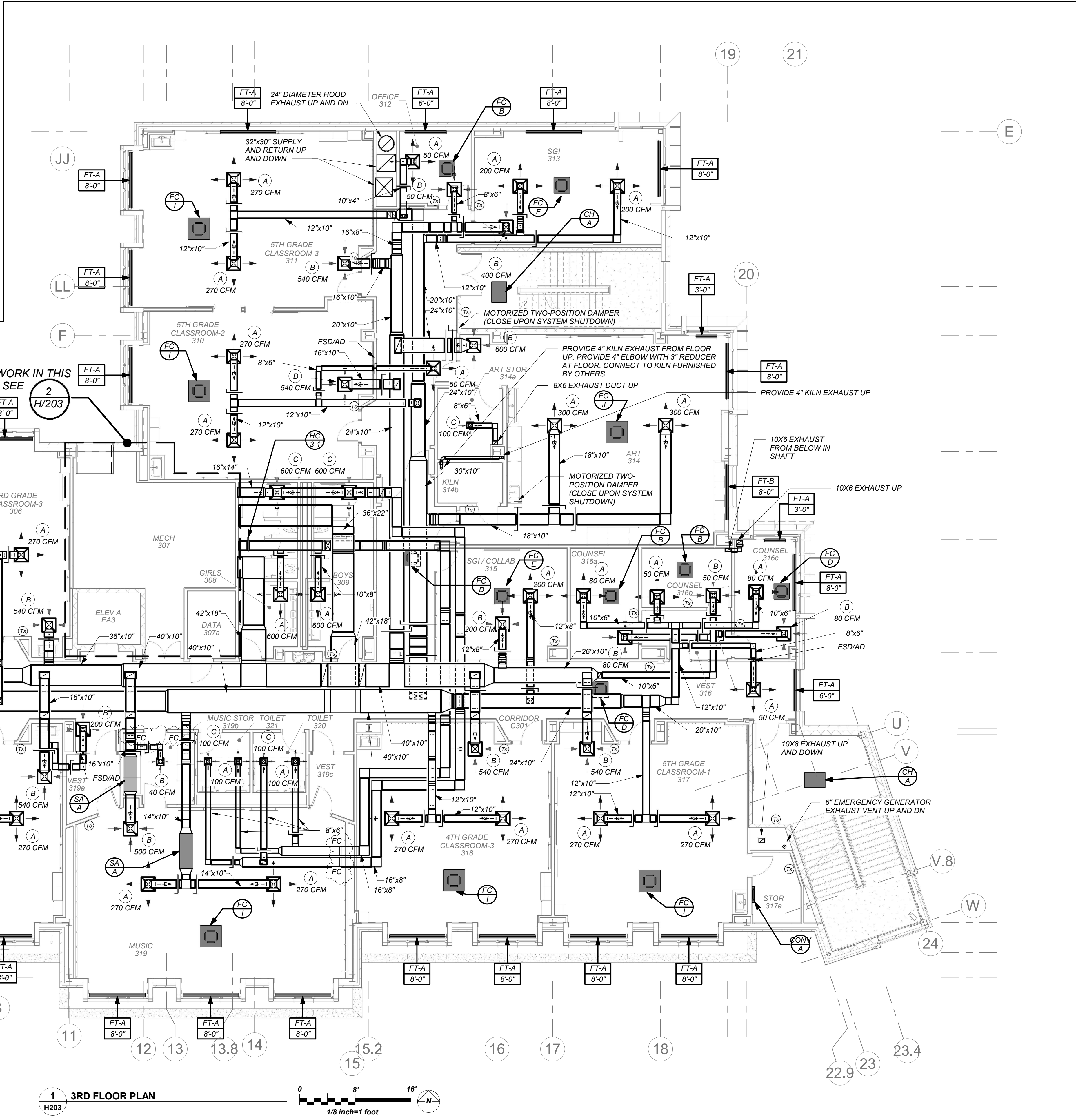
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P-914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD. ANY REUSE OR REPRODUCTION FOR USE ON THIS PROJECT WITHOUT THE WRITTEN PERMISSION OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD IS PROHIBITED. ANY REUSE OR REPRODUCTION OF THIS DRAWING FOR OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD IS PROHIBITED.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE V, SECTION 215.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022 YONKERS JOINT SCHOOL CONSTRUCTION BOARD. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

3rd Floor Plans

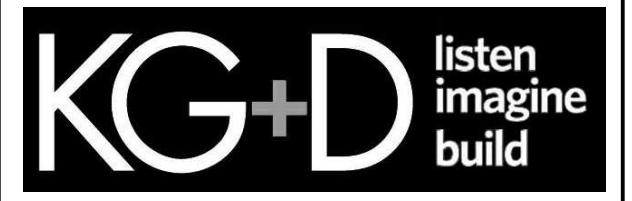
Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

H203

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



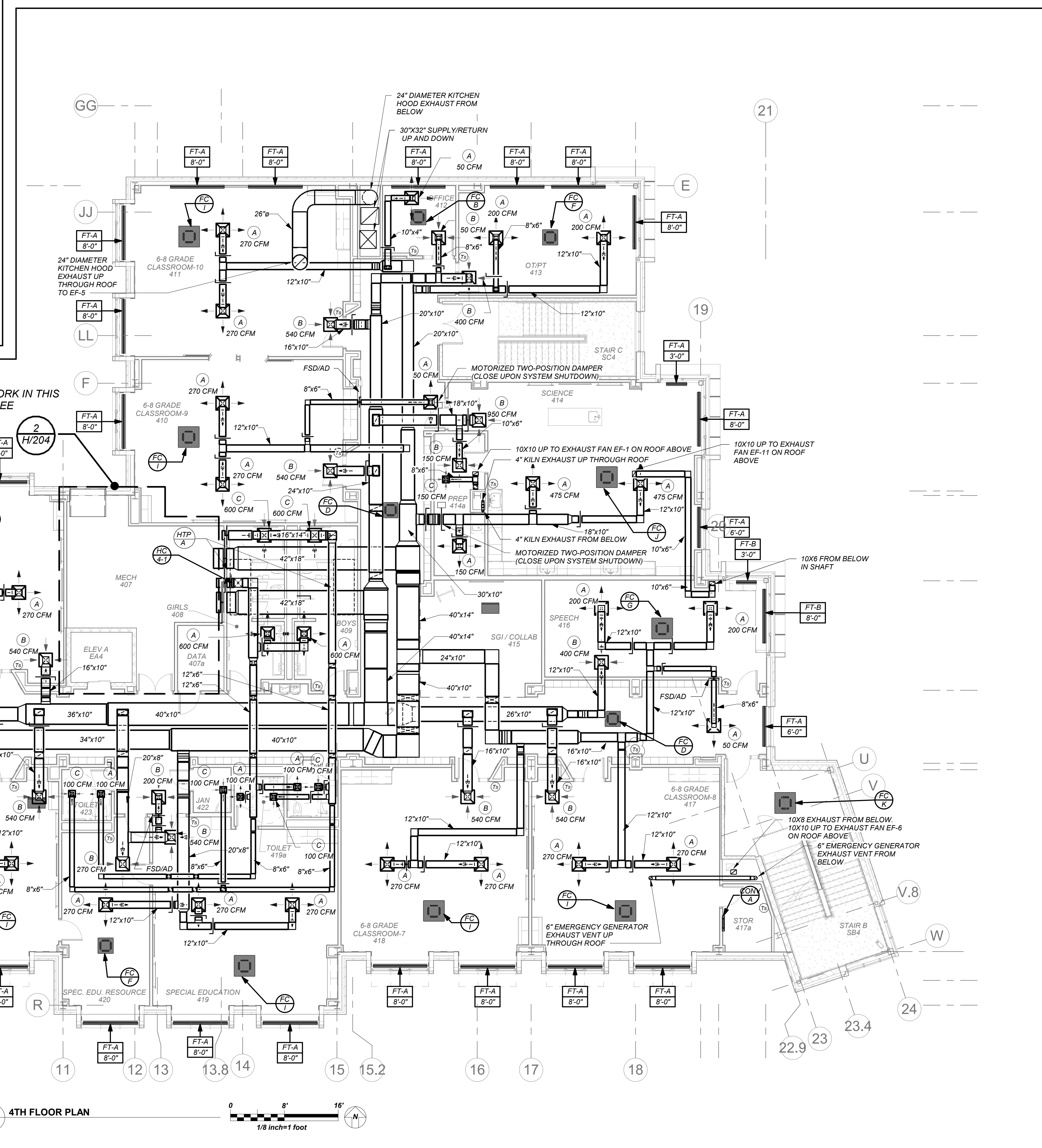
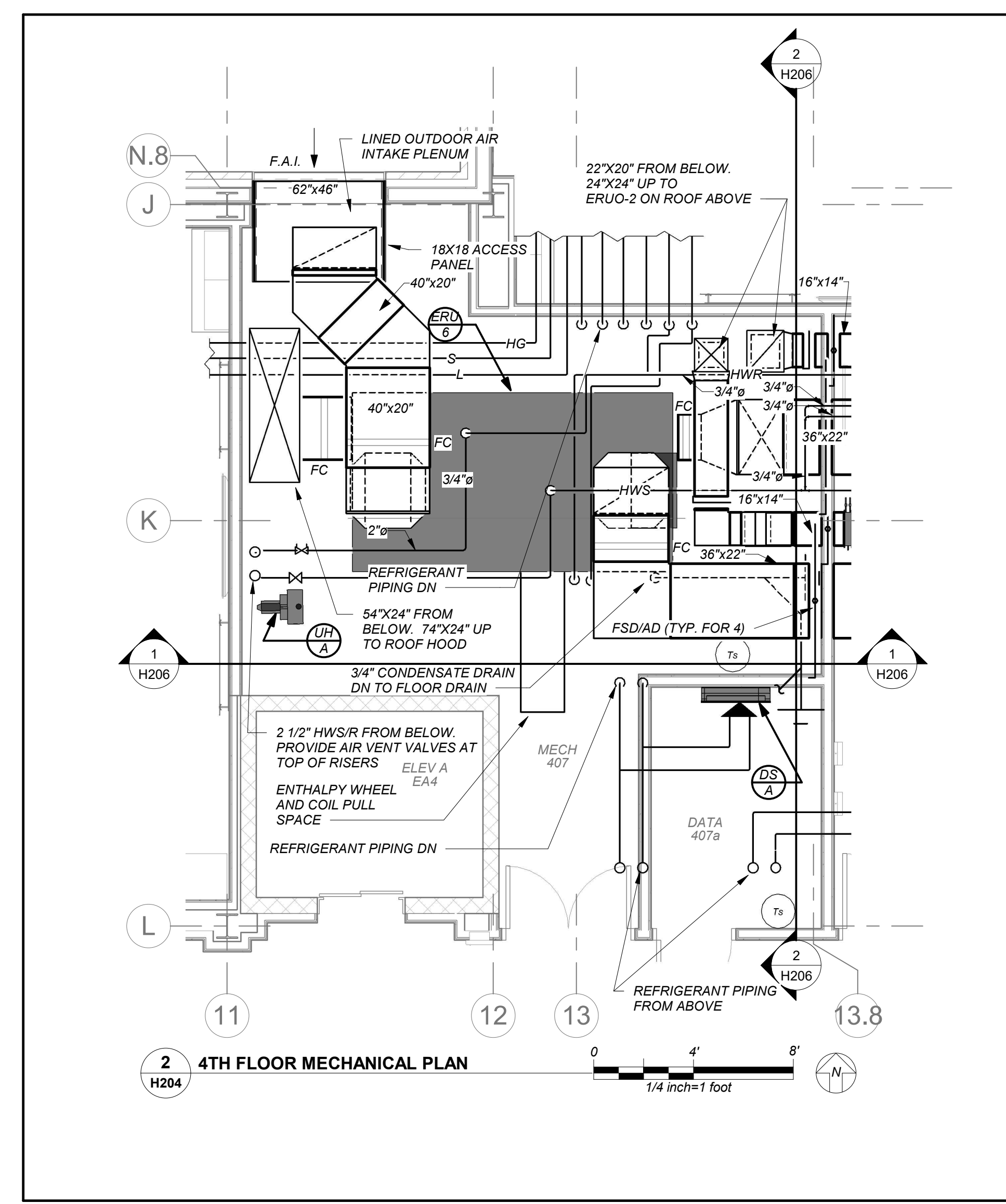
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.836.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NOTE: ALL LOCAL ORDINANCE, REGULATIONS AND PLANS INDICATED OR REFERENCED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE CITY OF YONKERS. ANY CHANGES TO THESE ORDINANCES OR REGULATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF YONKERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF YONKERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF YONKERS.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
4th Floor Plans

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
H204

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

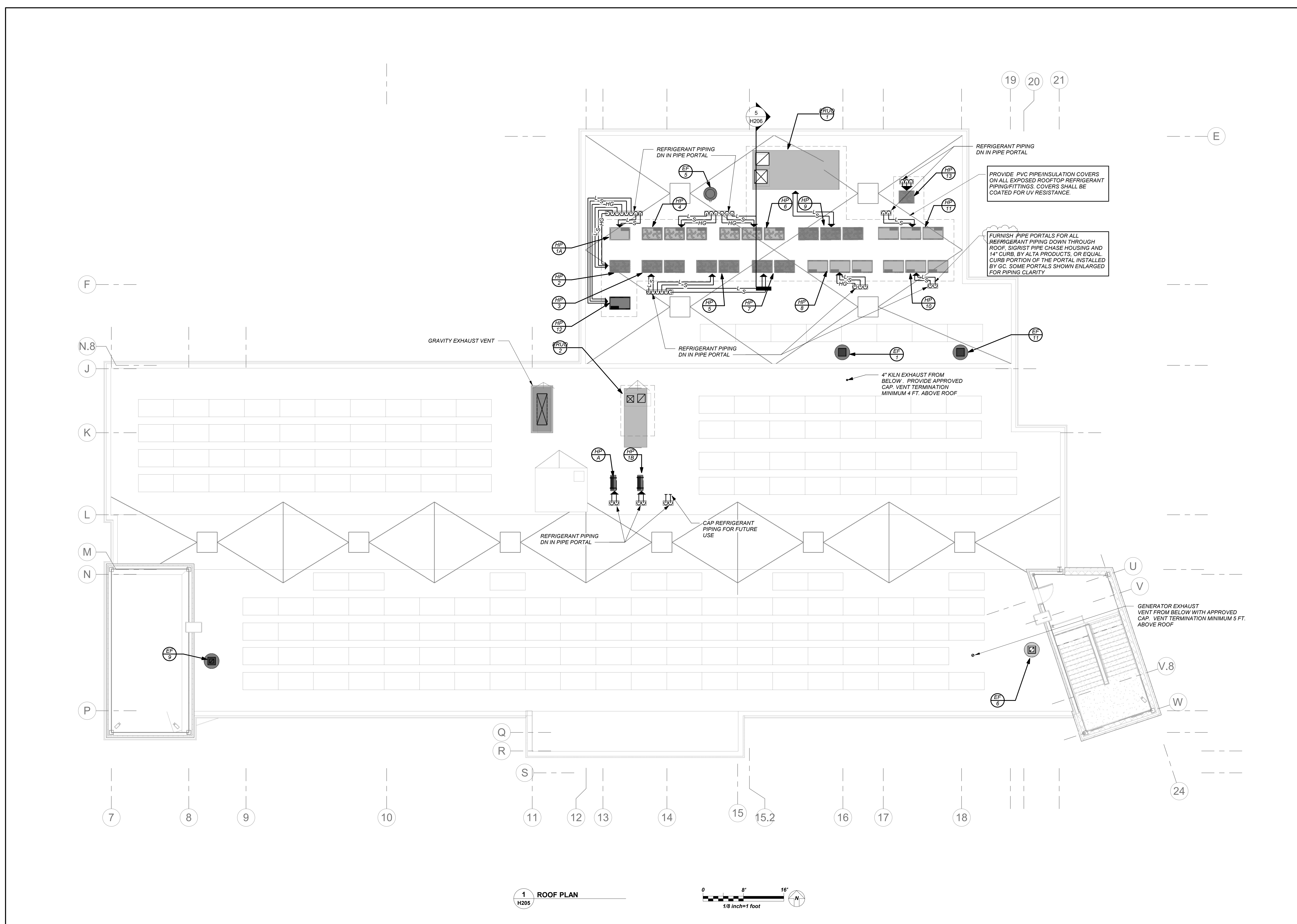
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

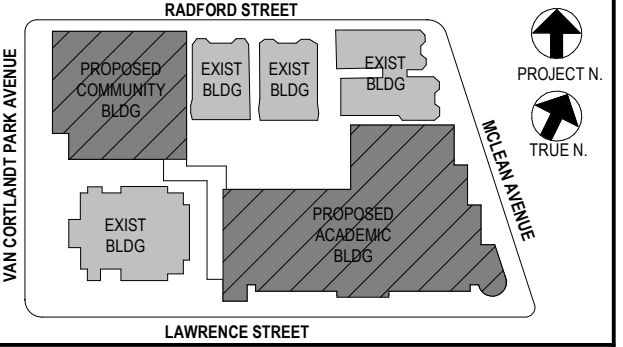
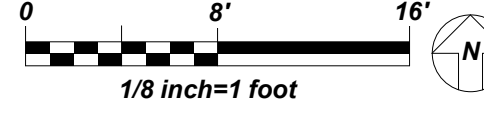
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 ROOF PLAN
H205



NOTE: ALL LOCAL REGIONAL ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING AND ARE THE PROPERTY OF ANEXER GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF ANEXER GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSER WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANEXER GARBETT & ASSOCIATES ARCHITECTS PC.

WRITE UP DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL, OR AS PROVIDED HEREIN, IS A VIOLATION OF TITLE 16, SECTION 17-150 OF NEW YORK STATE LAW. COPYRIGHT ANEXER GARBETT & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

DUCTWORK LINER:
ALL SUPPLY, RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.
PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title: Roof Plan

Job No.: 2019-1026 Date: 04/07/21

Scale: AS NOTED Drawn / Checked: BGA/BGA

Sheet Number: H205

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

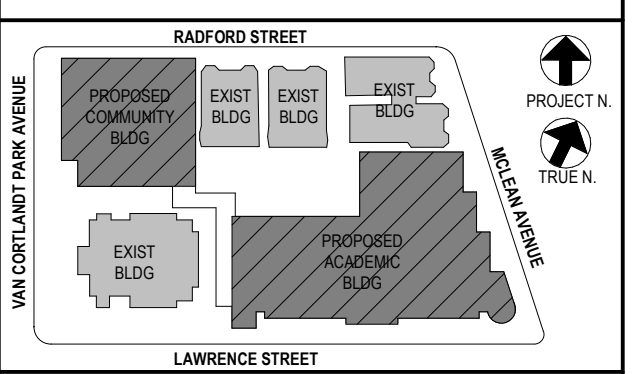
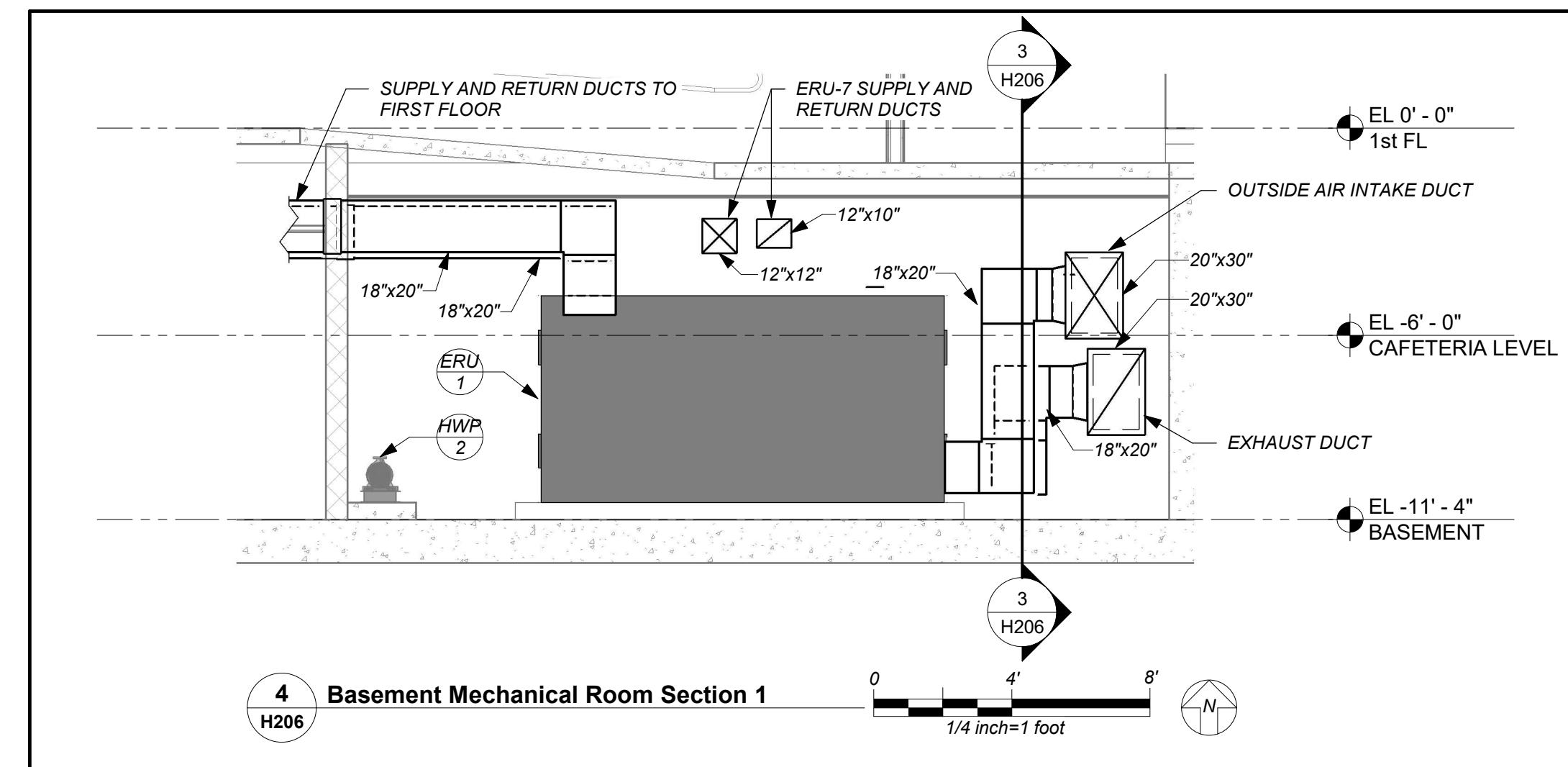
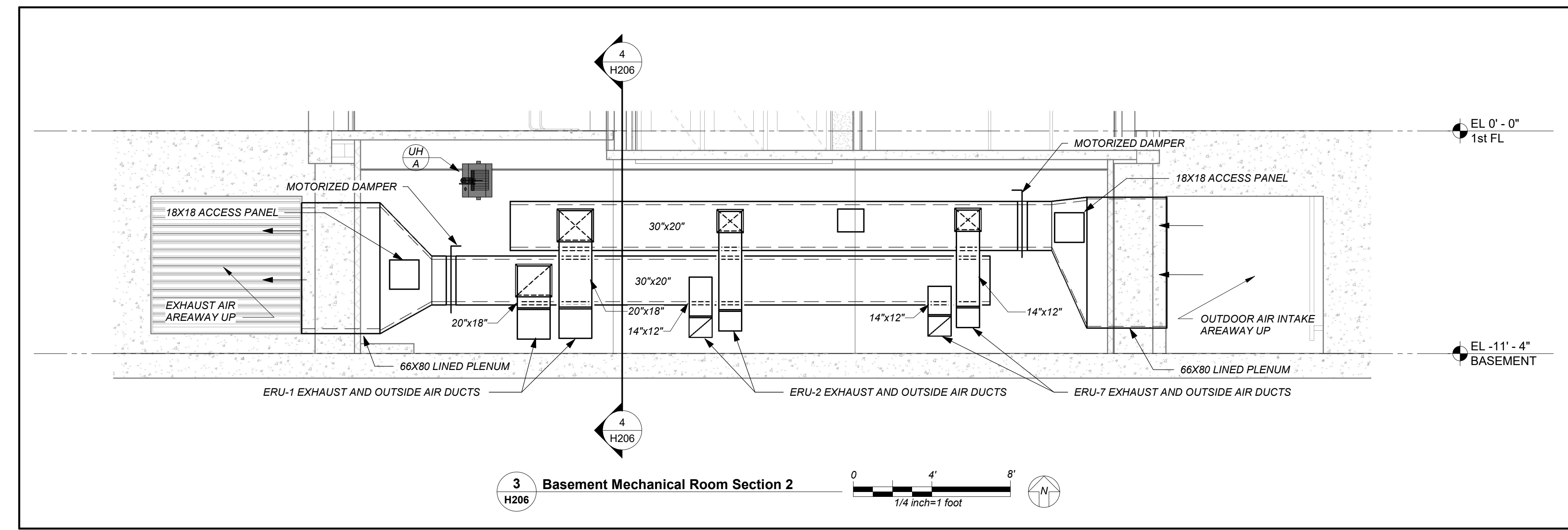
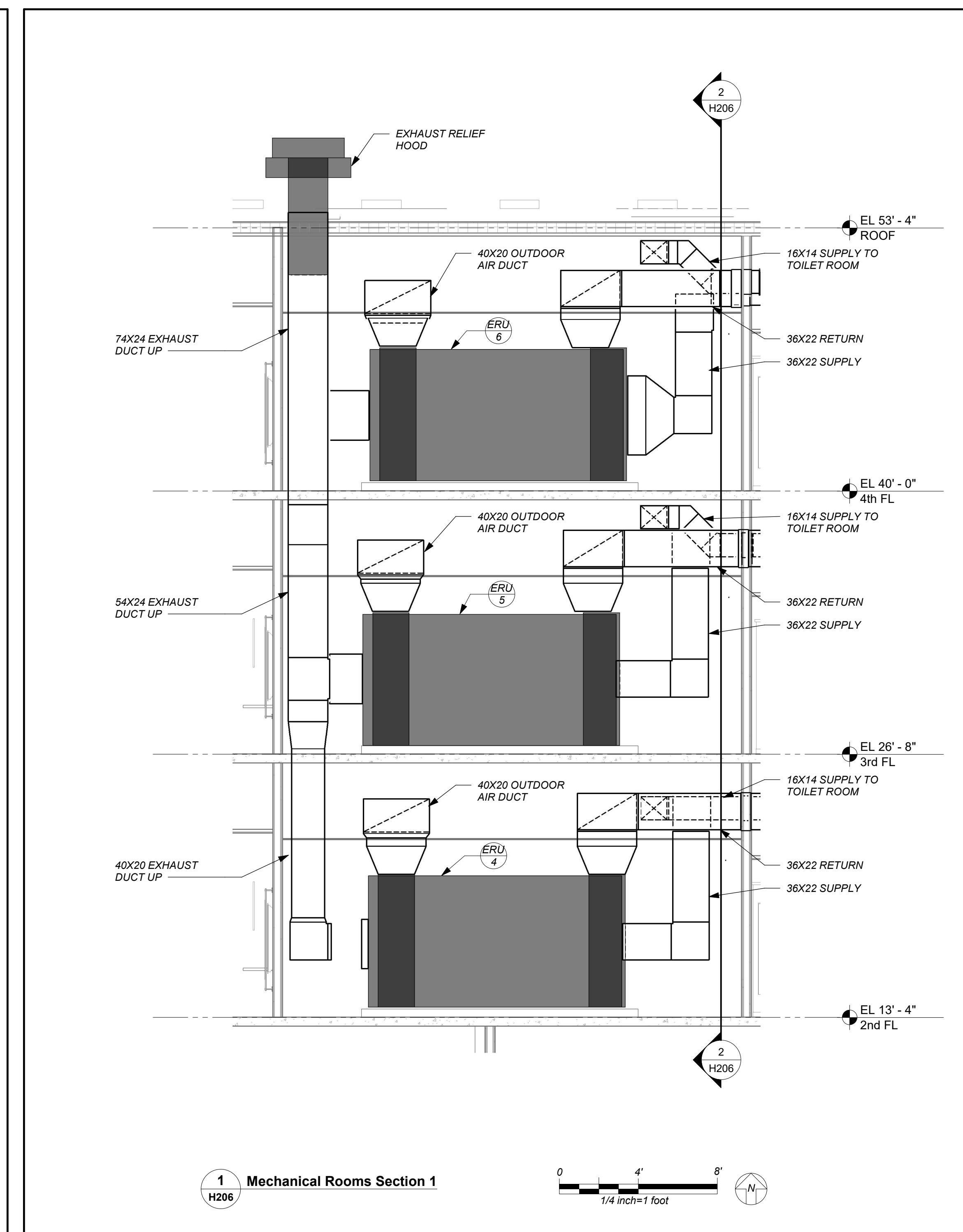
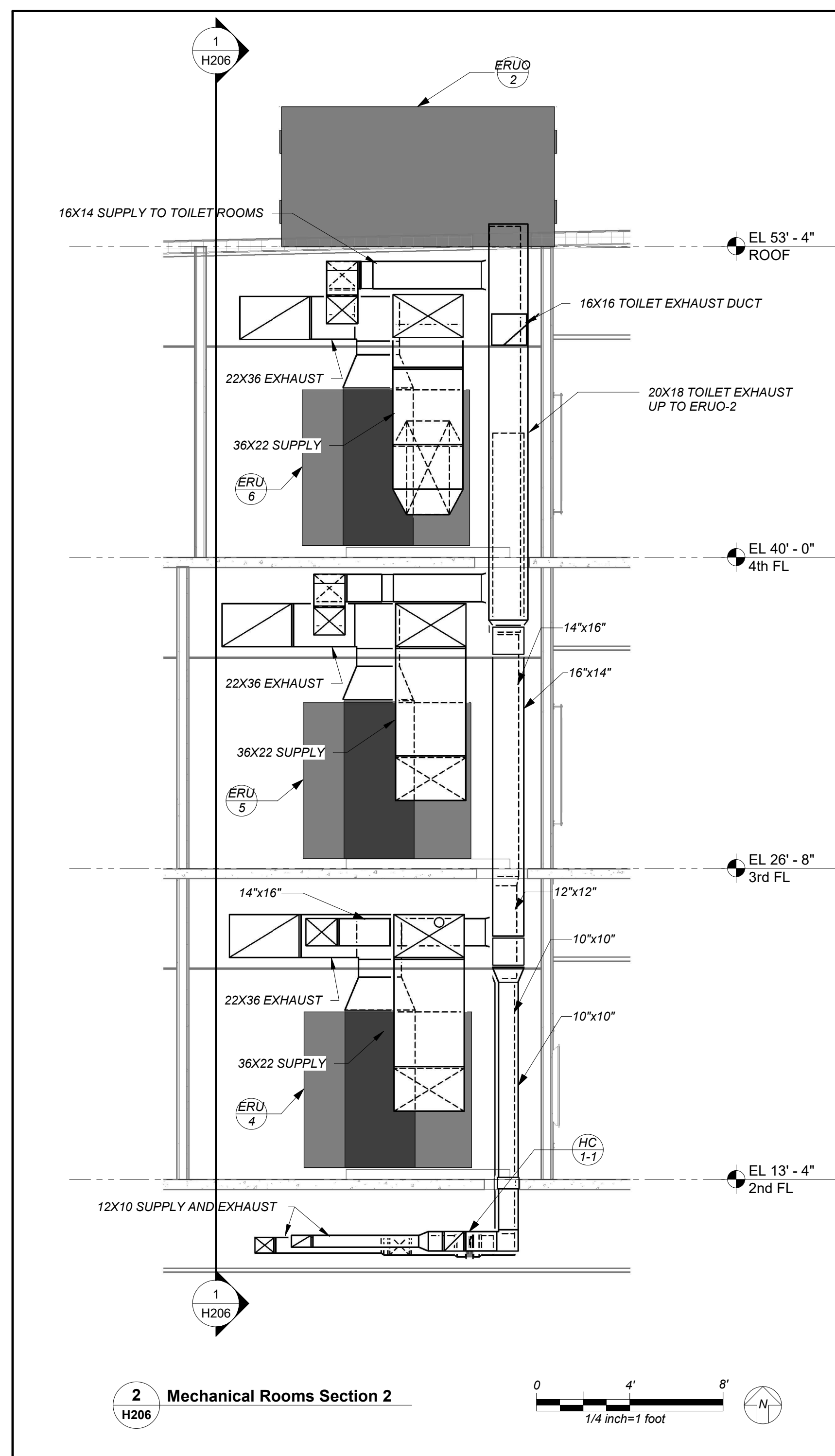
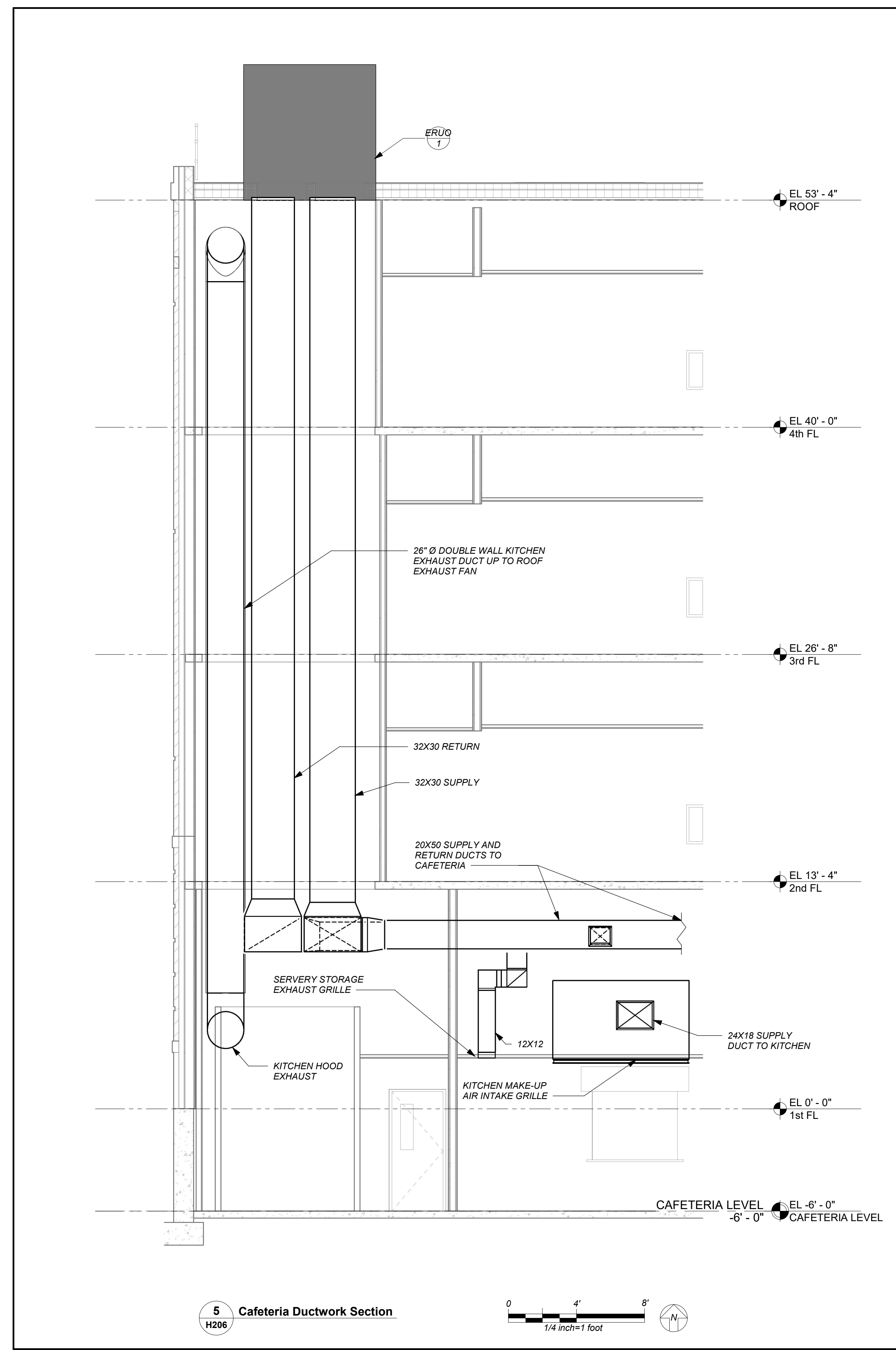
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ORDINANCE, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & SHAWSON ARCHITECTS, P.C. HEREIN, AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANKER GARBETT & SHAWSON ARCHITECTS, P.C. HEREIN.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLABLED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & SHAWSON ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Mechanical Sections

| | | | |
|--------------|-------------|-----------------|----------|
| Job No. | 2019-1026 | Date | 09/20/21 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | H206 | | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



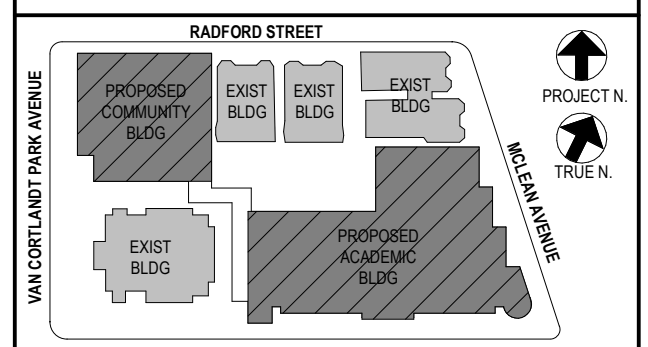
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10540
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLASANTVILLE, NY 10570
P:914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LEGAL DESIGN ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF INTER GARBENT & SHAWDON ARCHITECTS PC HEREIN AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LEGAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF INTER GARBENT & SHAWDON ARCHITECTS PC.
WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLINED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.
ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER IN VIOLATION OF TITLE 23, SECTION 2813.5 OF NEW YORK STATE LAW AND/OR COPYRIGHT INFRINGEMENT, SHALL BE A VIOLATION OF TITLE 23, SECTION 2813.5 OF NEW YORK STATE LAW AND/OR COPYRIGHT INFRINGEMENT. ALL RIGHTS RESERVED.

Professional Seal

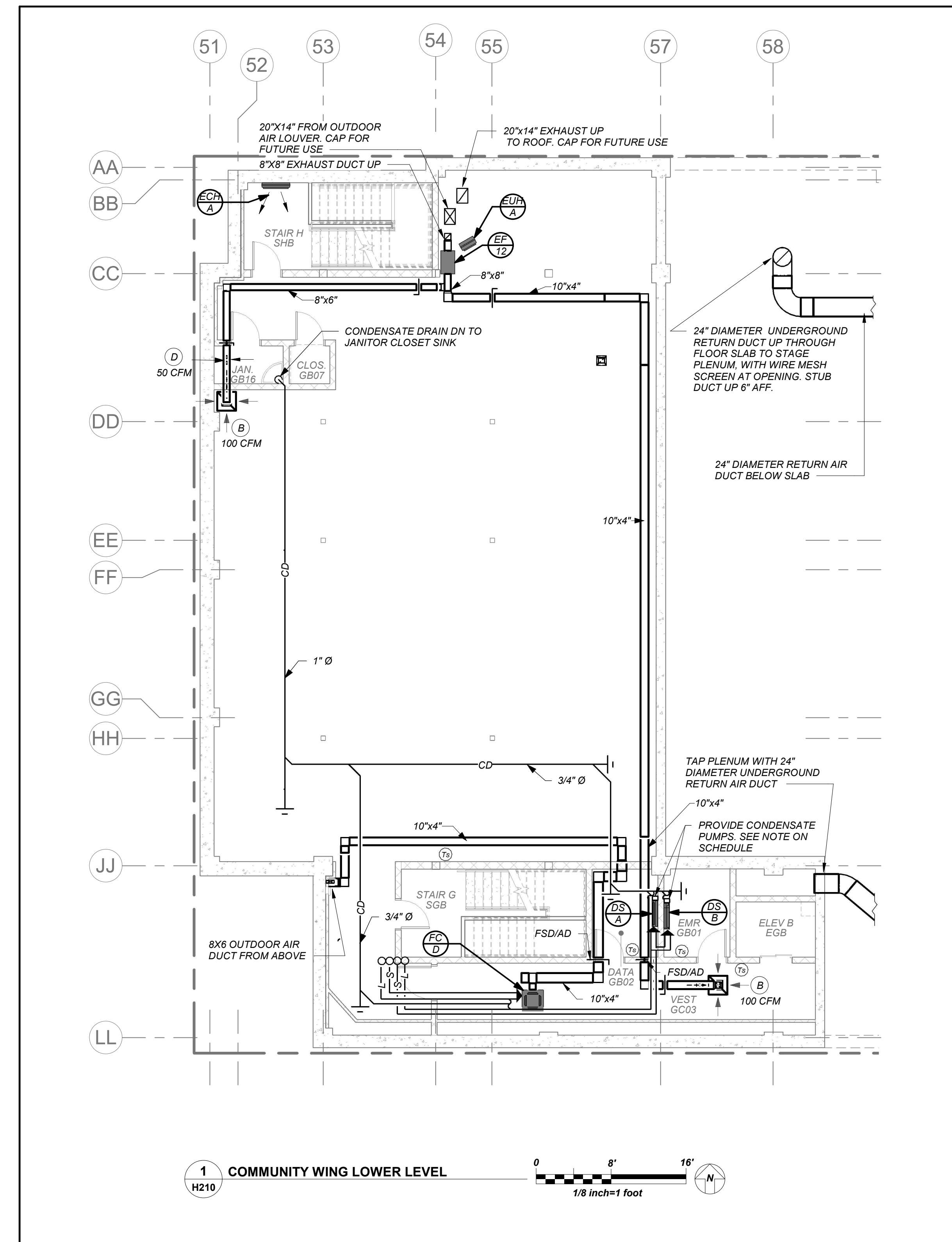
| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
Community Wing Basement Floor Plan

| | | | |
|---------|-----------|-----------------|---------|
| Job No. | 2019-1026 | Date | 8/31/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |

Sheet Number

H210



1 COMMUNITY WING LOWER LEVEL
1/8" = 1' 0"

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLER'S EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL, EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.
PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

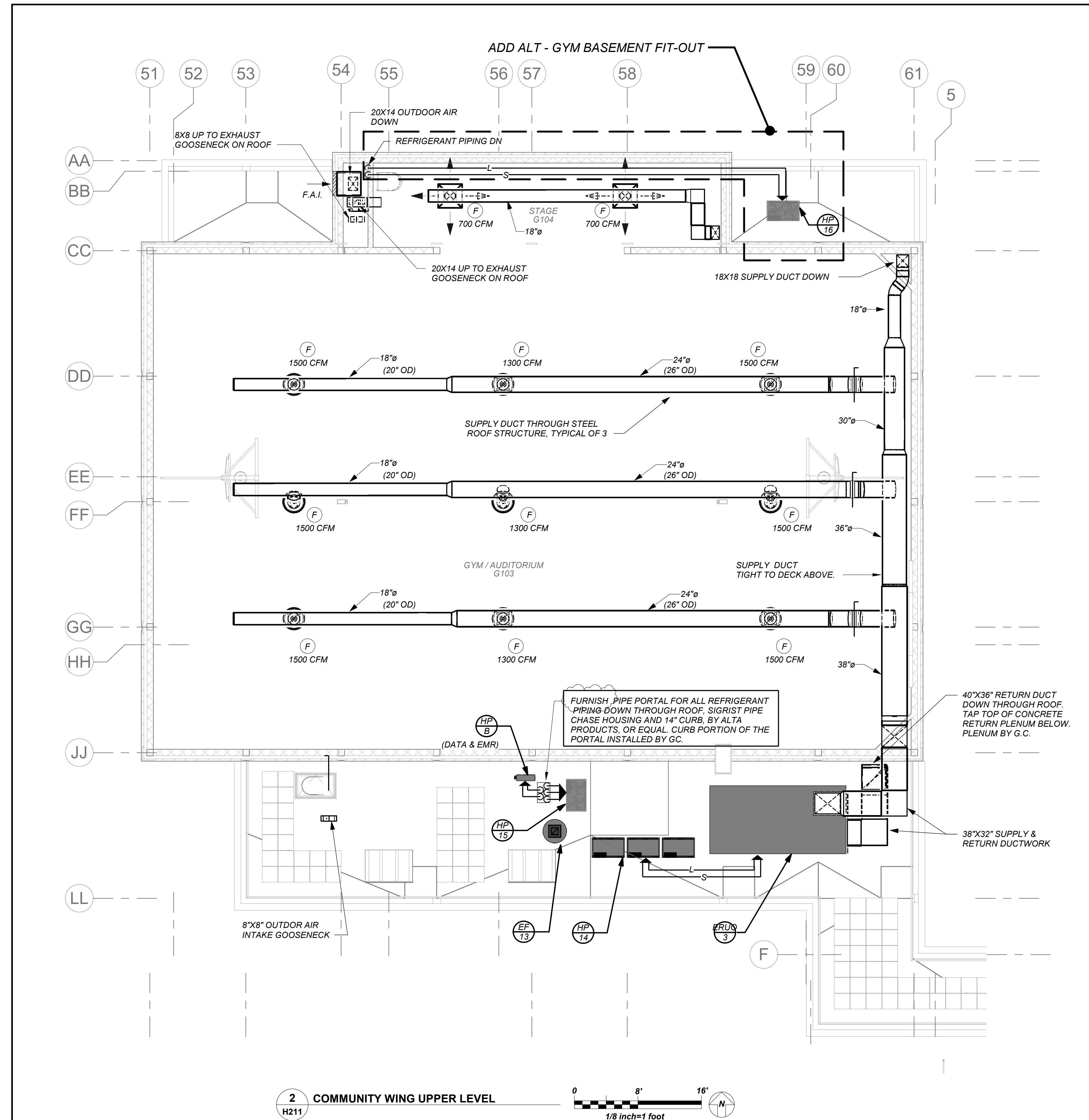
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

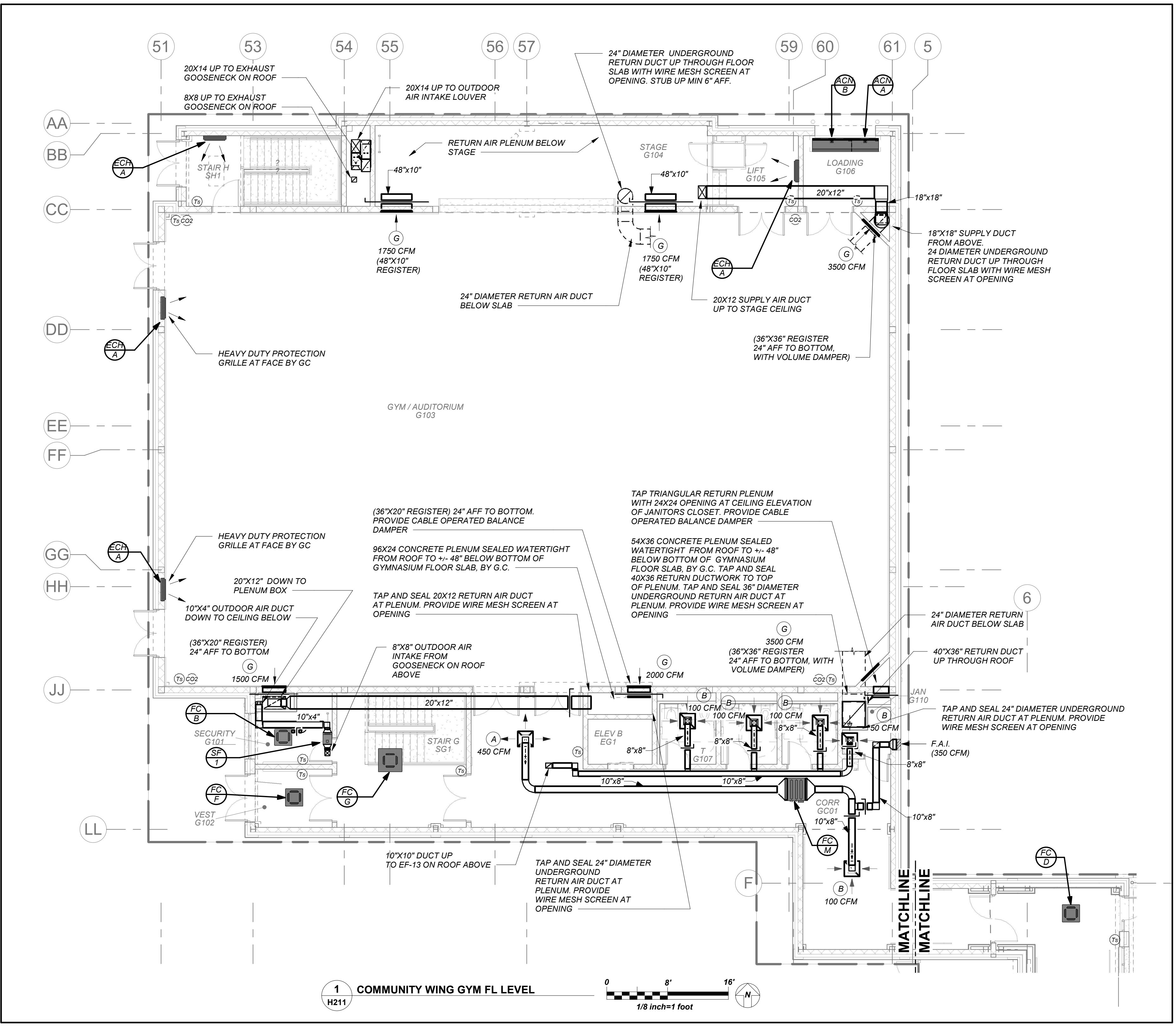
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.268.0099 GENENAL@BGA-ENG.COM WWW.BGA-ENG.COM



2 COMMUNITY WING UPPER LEVEL
H211

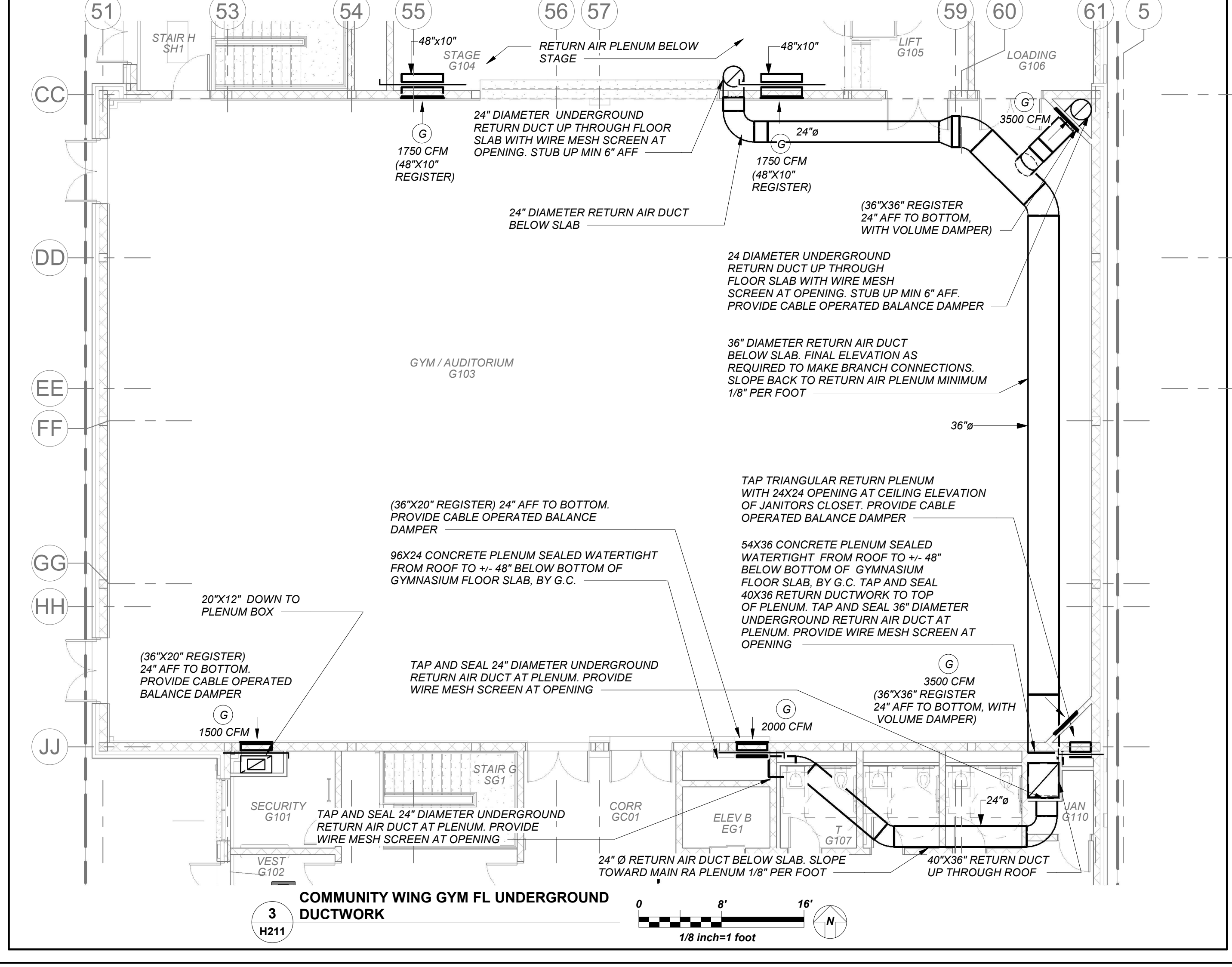


1 COMMUNITY WING GYM FL LEVEL
H211

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

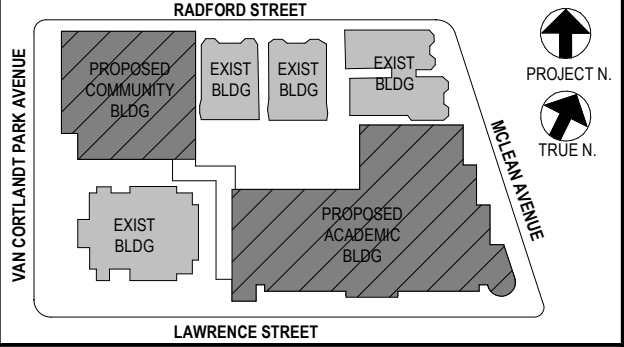
DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLER'S EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL, EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.
PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.



3 COMMUNITY WING GYM FL UNDERGROUND DUCTWORK
H211

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NOTE: ALL LOCAL, REGIONAL, STATEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC AND ARE HEREBY CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANKER GARDNER & SHAWSON ARCHITECTS PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Community Wing 1st Floor Plans

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

H211

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



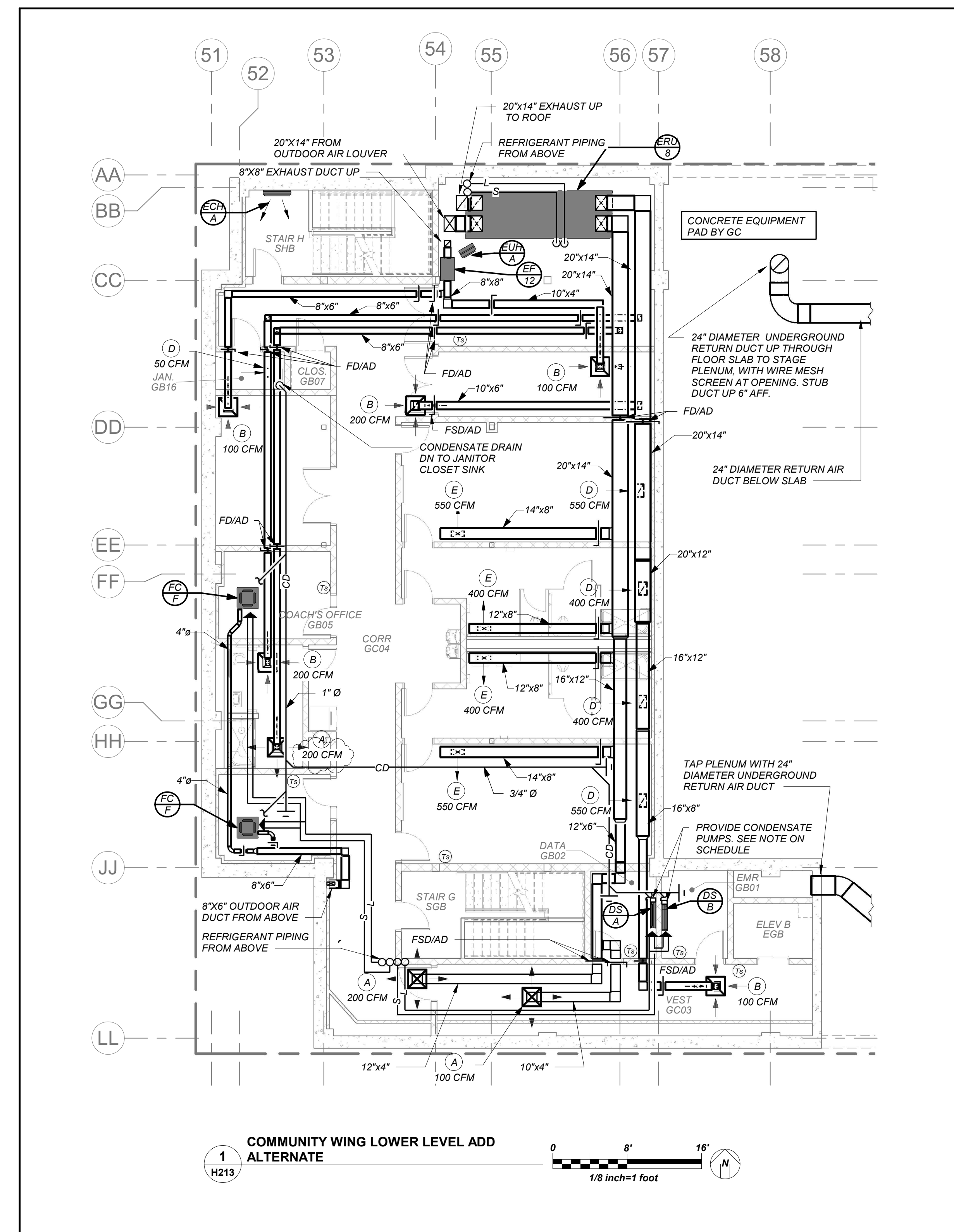
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



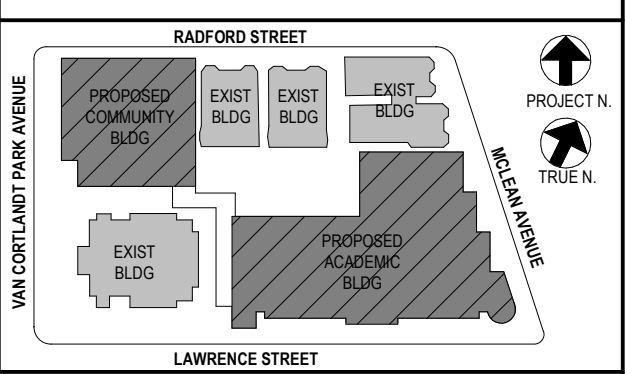
1 COMMUNITY WING LOWER LEVEL ADD ALTERNATE
H213
1/8" = 1' - 0"

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

DUCTWORK LINER:
ALL SUPPLY/RETURN/EXHAUST DUCTWORK SHALL BE LINED WITHIN 20 FT. OF AIR HANDLERS. EXHAUST DUCTWORK WITHIN 10 FT. OF EXTERIOR SHALL BE LINED. SEE SPECIFICATIONS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL, EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF INTER GARDNER & ASSOCIATES ARCHITECTS PC HEREIN AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLINED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-05 OF NEW YORK STATE LAW. COPYRIGHT INTER GARDNER & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
Community Wing Basement - Add Alt - Gym Basement Fit-Out

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 10/18/21 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |

Sheet Number
H213

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



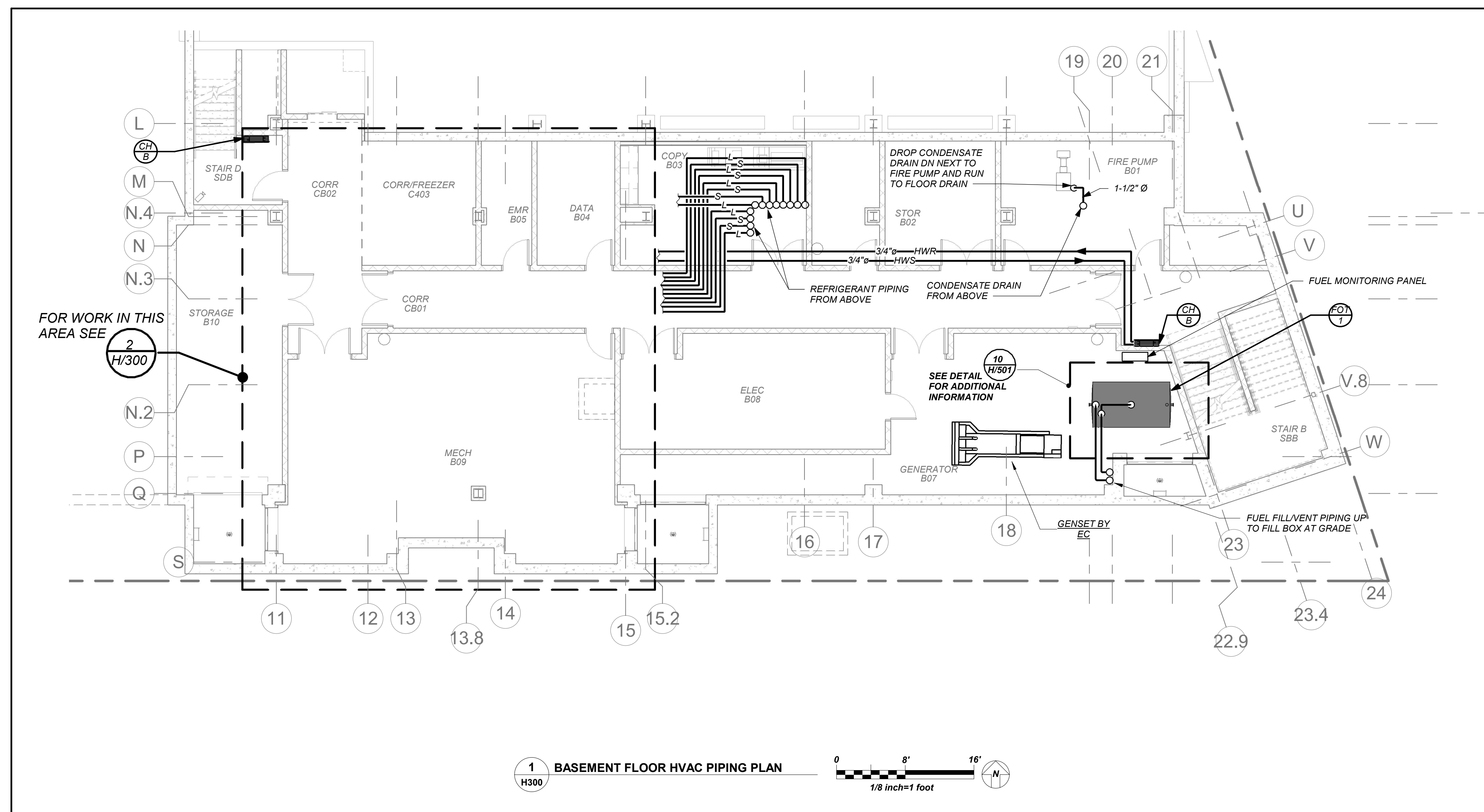
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

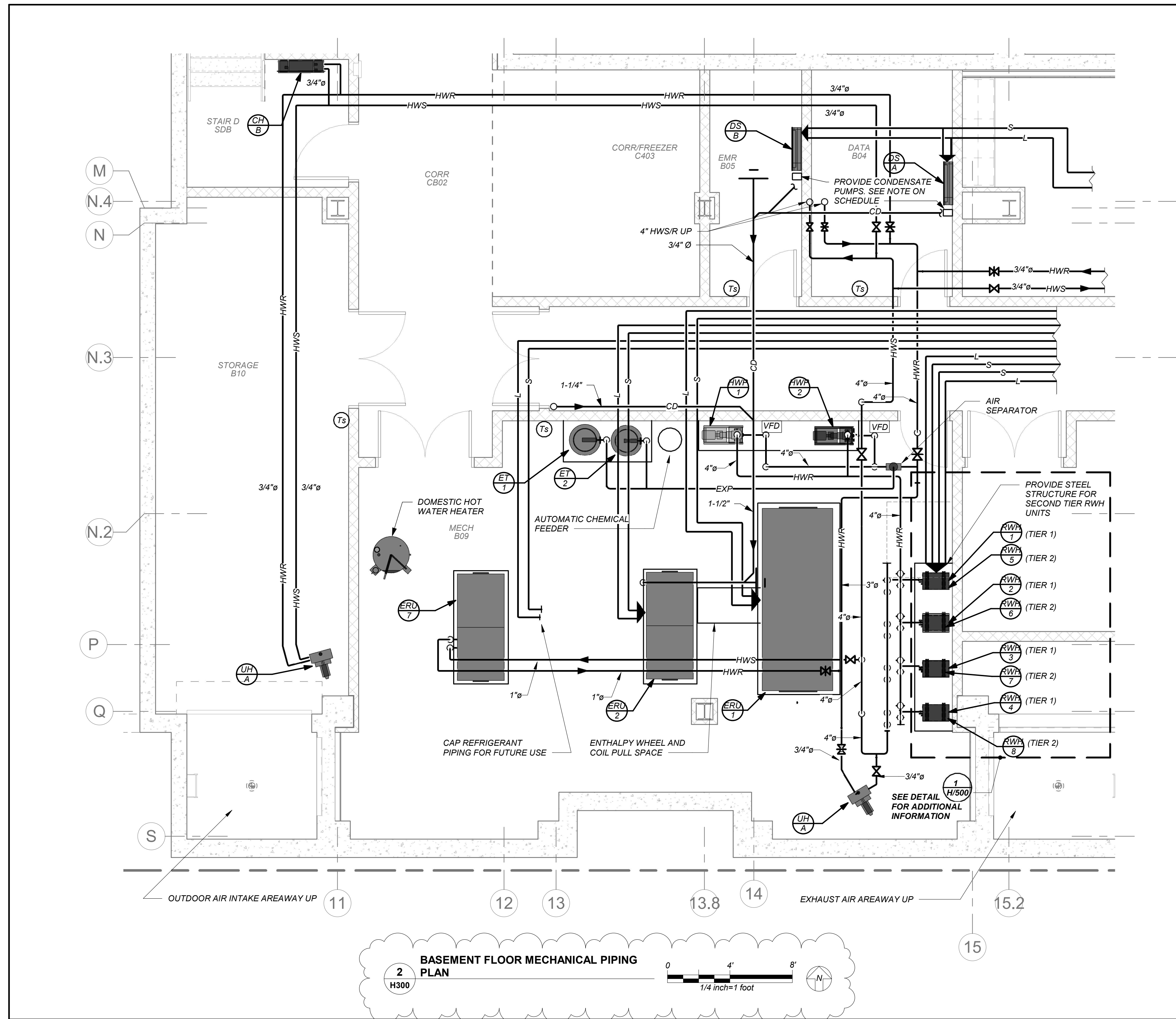


BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

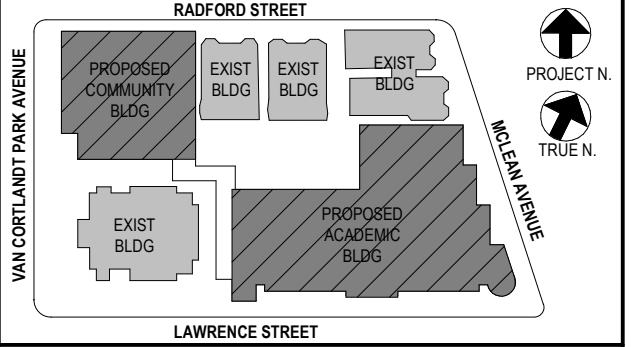


VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING, SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. FOR COMPLETE AND OPERABLE SYSTEMS.
PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD. NO PART OF THIS DRAWING IS TO BE USED FOR ANY OTHER PROJECT. NONE OF SUCH ZONING, ORDINANCES, REGULATIONS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022, BARILE GALLAGHER & ASSOCIATES, ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/01/2021 | ADDENDIUM 3 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Basement Piping

Job No. 2019-1026 Date 09/02/21
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

H300

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



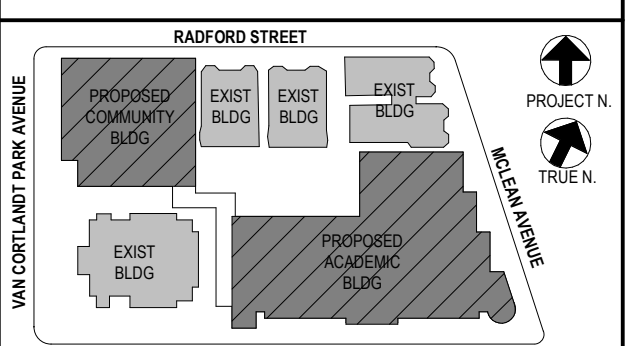
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P:914.268.0999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL SECTION ARRANGEMENTS ARE PLANS INDICATED OR REPRESENTED BY THIS DRAWING. THESE ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 16, SECTION 17-05 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

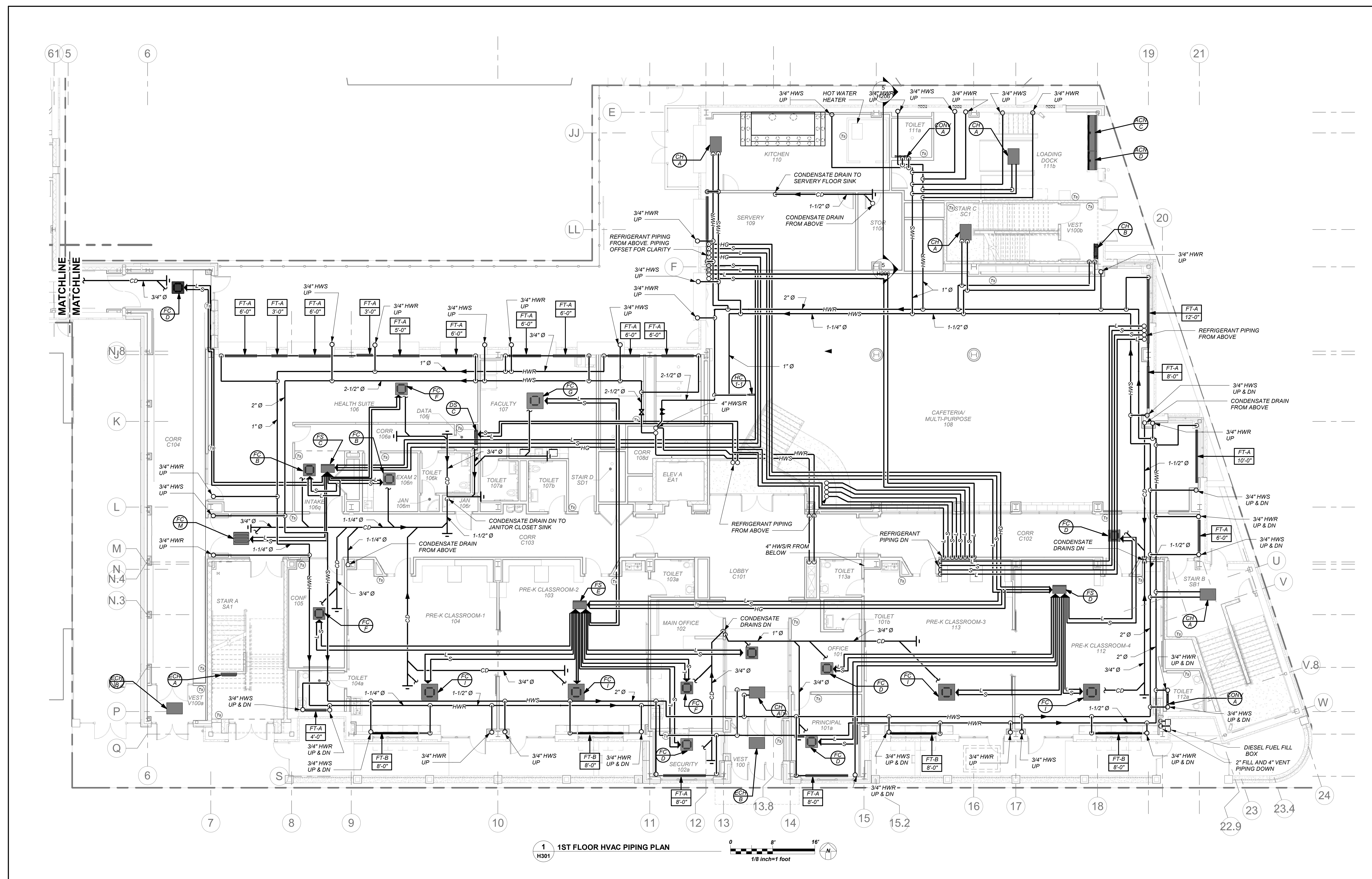
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

1st Floor Piping

Job No. 2019-1026 Date 08/24/21
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

H301



1 1ST FLOOR HVAC PIPING PLAN
H301

HOT WATER PIPING:
HOT WATER SUPPLY AND RETURN LOOP IS LOCATED IN FIRST FLOOR CEILING. DOWNFEED TO FIRST FLOOR TERMINAL UNITS AND UPFEED TO SECOND FLOOR TERMINAL UNITS. SEE DETAIL 11903 FOR PIPING RISER DIAGRAM.

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT. FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



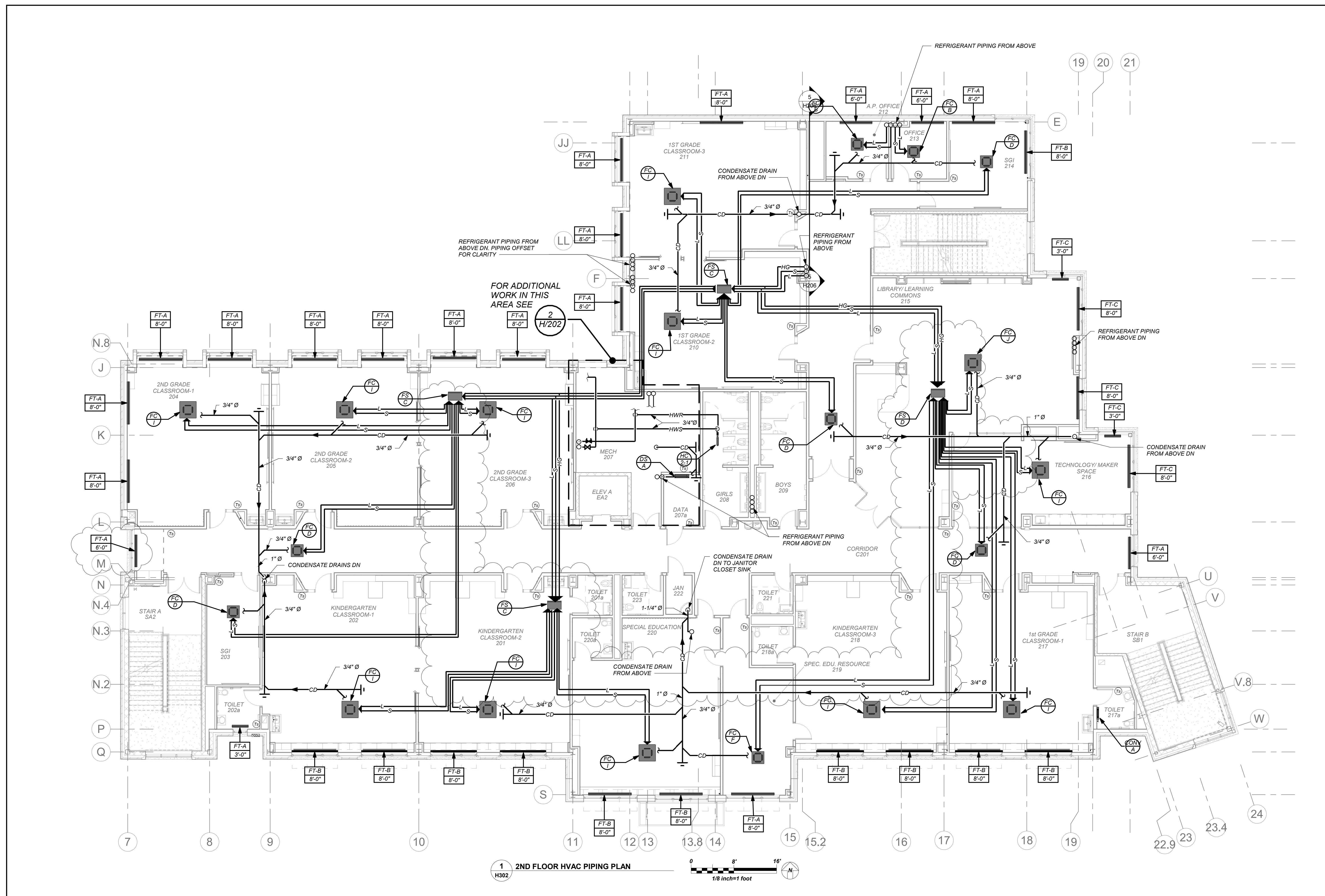
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

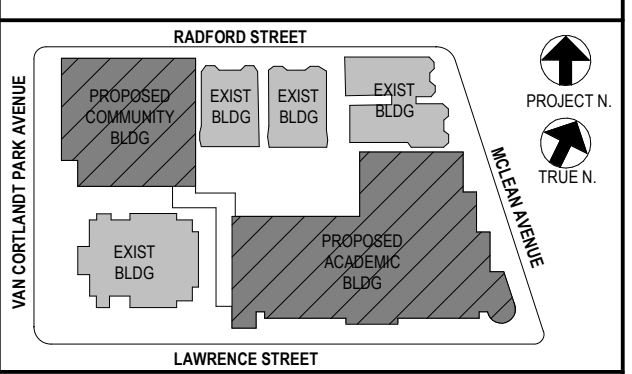
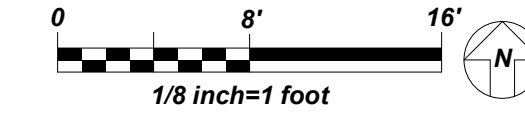
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P-914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 H302 2ND FLOOR HVAC PIPING PLAN



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS ARE INDICATED OR REPRESENTED BY THIS DRAWING AND ARE THE PROPERTY OF THE YONKERS JOINT SCHOOL CONSTRUCTION BOARD. ANY CHANGES OR MODIFICATIONS TO THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT'S DESIGN SHALL BE SUBJECT TO THE APPROVAL OF THE YONKERS JOINT SCHOOL CONSTRUCTION BOARD. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

HOT WATER PIPING:
SEE FIRST FLOOR PIPING PLAN FOR HOT WATER SUPPLY AND RETURN LOOP UPFEEDING SECOND FLOOR TERMINAL UNITS. SEE DETAIL 1H503 FOR PIPING RISER DIAGRAM.

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING, SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT. FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 12/10/2021 | ADDENDUM 4 |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
2nd Floor Piping

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



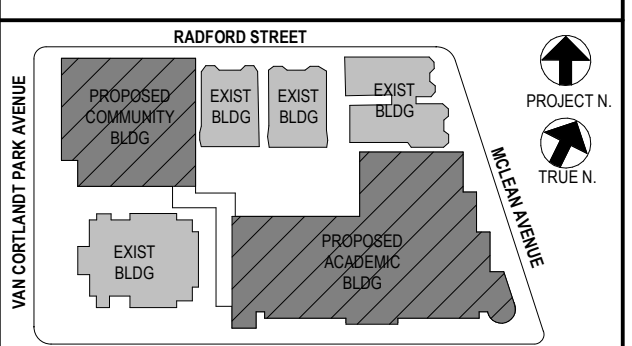
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

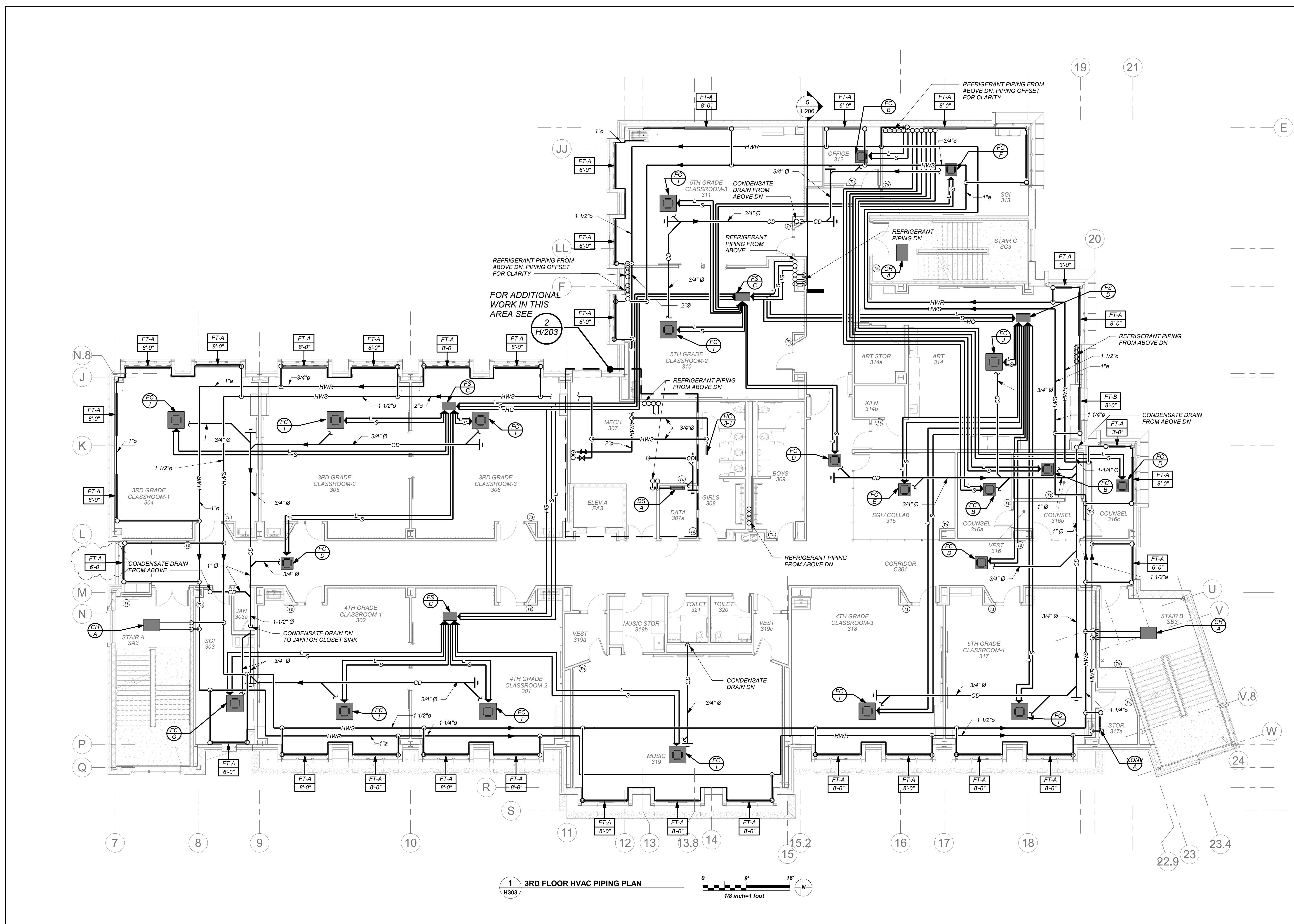
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL TISSUE ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING. ANY CHANGES TO THE PROPERTY OF ANY OTHER PARTY ARE THE RESPONSIBILITY OF THE ARCHITECT. ANY CHANGES TO THIS DRAWING FOR USE ON THIS PROJECT MUST BE MADE BY THE ARCHITECT. ANY CHANGES TO THIS DRAWING FOR USE ON THIS PROJECT MUST BE MADE BY THE ARCHITECT. ANY CHANGES TO THIS DRAWING FOR USE ON THIS PROJECT MUST BE MADE BY THE ARCHITECT.



1 3RD FLOOR HVAC PIPING PLAN
H303

HOT WATER PIPING:
HOT WATER SUPPLY AND RETURN LOOP SHOWN ON PLAN OUTSIDE OF MECHANICAL ROOM IS LOCATED IN SECOND FLOOR CEILING BELOW. SHOWN ON THIS PLAN FOR CLARITY. UPFEED TO THIRD FLOOR TERMINAL UNITS. SEE DETAIL 1/H503 FOR PIPING RISER DIAGRAM.

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT. FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

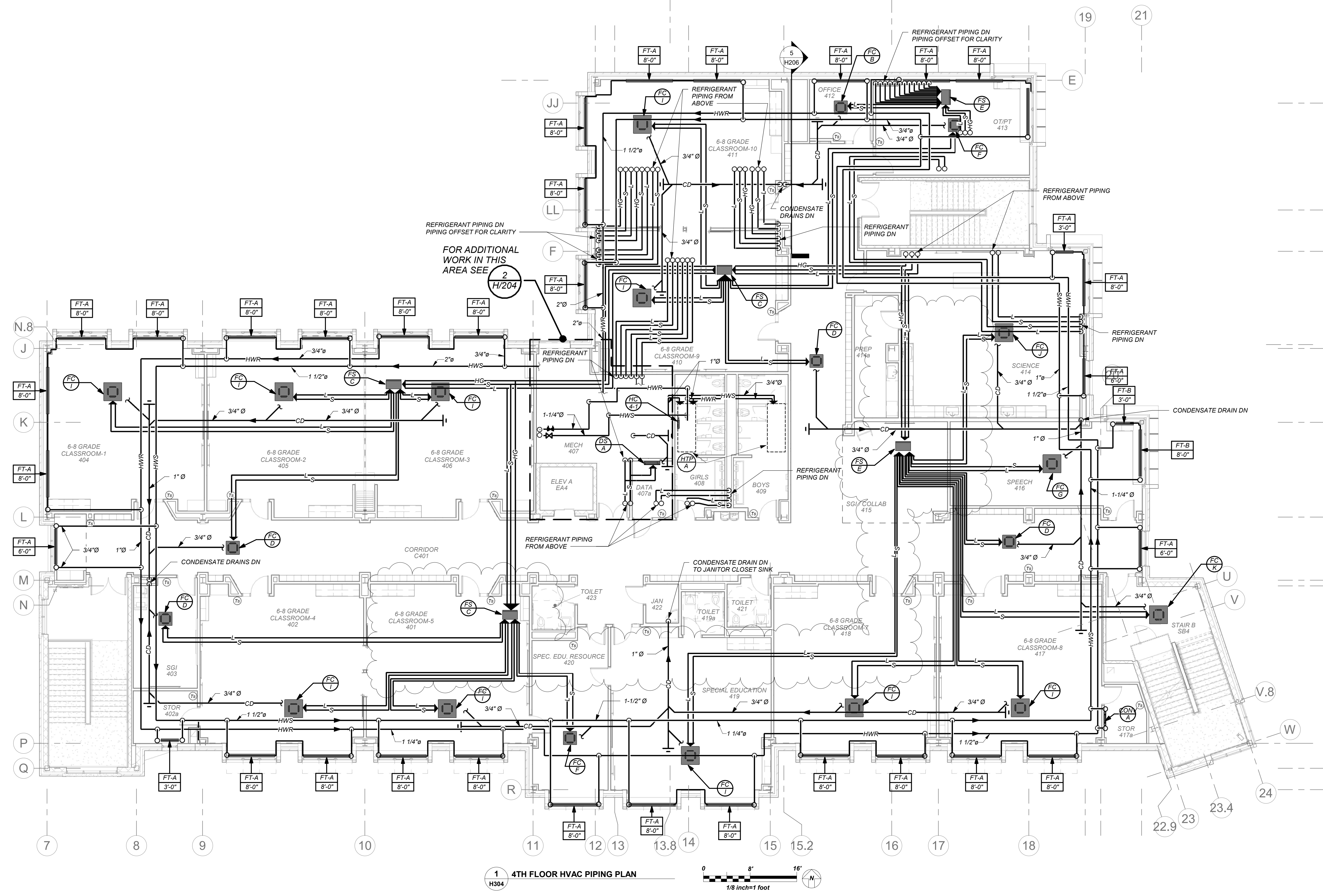
Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/23/2021 | ADDENDUM 2 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

3rd Floor Piping

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



1 4TH FLOOR HVAC PIPING PLAN
H304

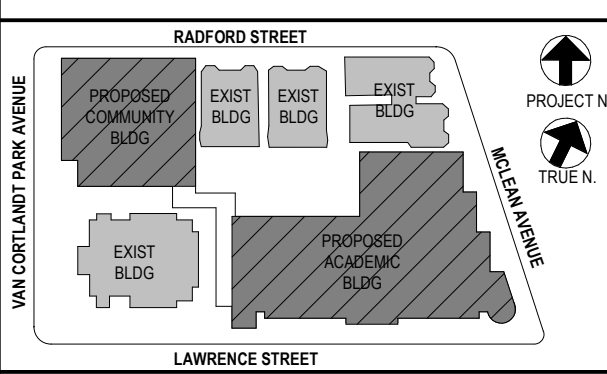
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

HOT WATER PIPING:
HOT WATER SUPPLY AND RETURN LOOP SHOWN ON PLAN OUTSIDE OF MECHANICAL ROOM IS LOCATED IN THIRD FLOOR CEILING BELOW. SHOWN ON THIS PLAN FOR CLARITY. UPFEED TO FOURTH FLOOR TERMINAL UNITS. SEE DETAIL 1A503 FOR PIPING RISER DIAGRAM.

VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC (AGS), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL, ETC., AS INDICATED HEREIN, IS A VIOLATION OF TITLE 16, SECTION 17-05 OF NEW YORK STATE LAW.

COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

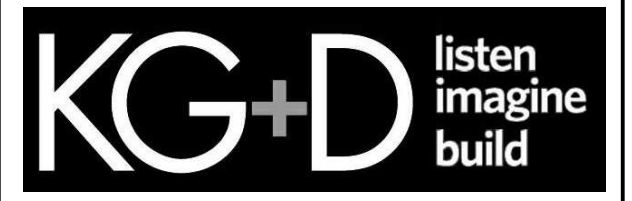
Sheet Title

4th Floor Piping

| | | | |
|--------------|-------------|-----------------|----------|
| Job No. | 2019-1026 | Date | 08/24/21 |
| Scale | AS NOTED | Drawn / Checked | BGA/ BGA |
| Sheet Number | H304 | | |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



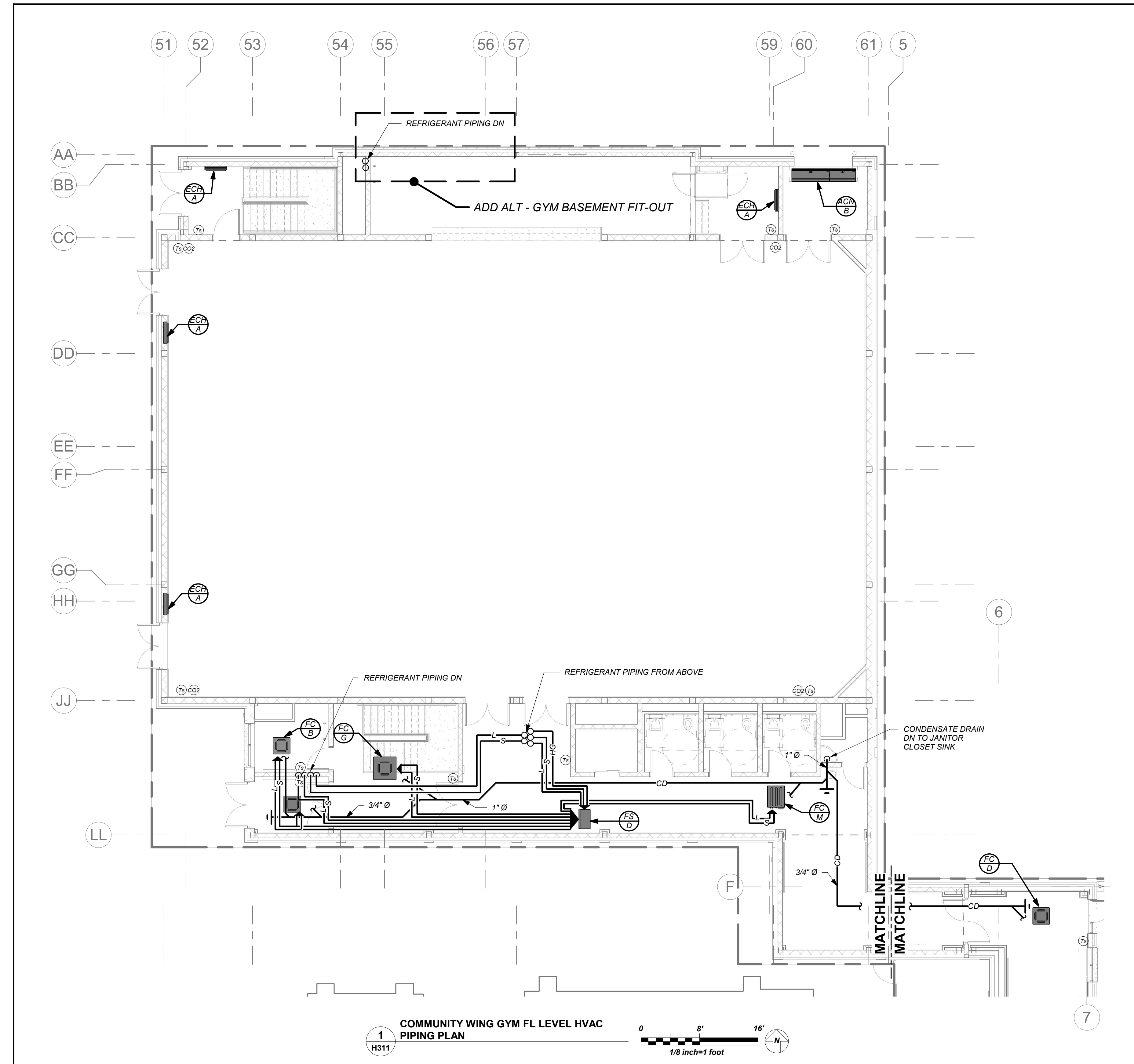
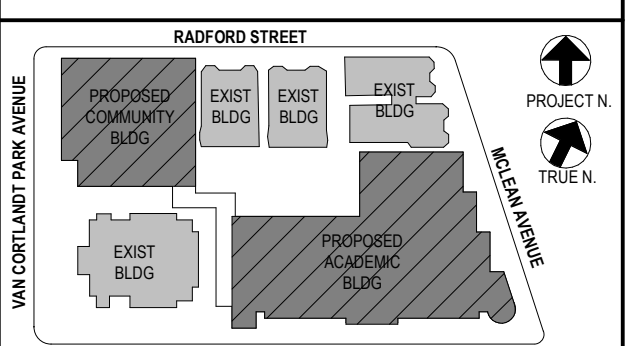
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

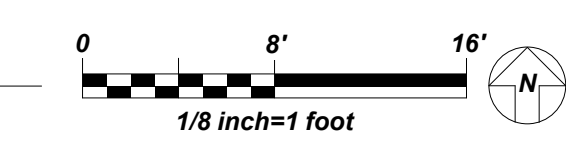
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 H311 COMMUNITY WING GYM FL LEVEL HVAC PIPING PLAN



VRF AND DUCTLESS SPLIT SYSTEMS:
THE CONTRACTOR SHALL RETAIN THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE FOR PURPOSES OF PROVIDING REFRIGERANT PIPING SIZING. SPECIFIED SYSTEM IS HEAT RECOVERY TYPE WHICH REQUIRES A THIRD REFRIGERANT PIPE FROM THE OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE PIPING FROM RESPECTIVE OUTDOOR UNIT TO EACH NEW INDOOR UNIT, FOR COMPLETE AND OPERABLE SYSTEMS.

CONDENSATE PIPING:
PROVIDE CONDENSATE PIPING FOR ALL INDOOR FAN COIL, EVAPORATOR UNITS AND AIR HANDLER CONDENSATE PANS. RUN CONDENSATE TO NEAREST FLOOR DRAIN OR JANITOR'S SINK. PROVIDE CONDENSATE PUMPS WHERE GRAVITY DRAINAGE IS NOT POSSIBLE, FOR COMPLETE AND OPERABLE SYSTEMS.

PROVIDE CONDENSATE PIPING FOR ALL OUTDOOR AIR HANDLERS FROM RESPECTIVE CONDENSATE PAN TO NEAREST ROOF DRAIN.

NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 16-1.55 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
Community Wing 1st Floor Piping

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 10/19/21 |
| Scale | AS NOTED | Drawn / Checked | BGA/ BGA |

Sheet Number
H311

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

| COMMUNITY BUILDING LOWER LEVEL - SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES | | | | | | | | | | | |
|--|--|-------------------------|---|--|--|---|-------------------------------------|--|---|---|---------------------------------------|
| ROOM NAME/NUMBER | OCCUPANCY CATEGORY | A ROOM AREA (SQ.FT.) | B PEOPLE DENSITY (#/1000 SQ.FT.) / # OF FIXTURES | C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON) | D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.) | E EXHAUST AIR FLOW RATE (CFM/SQ.FT.) | F NUMBER OF PEOPLE (A*B)+1000=HP | G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F*C)+(A*D)=CFM | H ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR | I MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM | MINIMUM EXHAUST AIR FLOW RATE A+E=CFM |
| P.E. Office GB03 | OFFICE SPACE | 110 | 5 | 5 | 0.06 | 0 | 1 | 12 | 0.8 | 15 | 0 |
| Toilet GB04 | CELL W/ TOILET | 110 | 25 | 5 | 0.12 | 1 | 3 | 28 | 0.8 | 35 | 110 |
| Coach's Office GB05 | OFFICE SPACE | 110 | 5 | 5 | 0.06 | 0 | 1 | 12 | 0.8 | 15 | 0 |
| Storage GB06 | OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS | 255 | 2 | 5 | 0.06 | 0 | 1 | 20 | 0.8 | 25 | 0 |
| Mechanical Room GB07 | OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS | 420 | 2 | 5 | 0.06 | 0 | 1 | 30 | 0.8 | 38 | 0 |
| Storage GB08 | OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS | 160 | 2 | 5 | 0.06 | 0 | 1 | 15 | 0.8 | 18 | 0 |
| Girls Locker Room GB09 | LOCKER ROOMS FOR ATHLETIC, INDUSTRIAL, AND HEALTHCARE | 345 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.8 | 0 | 173 |
| Girls Toilet GB10 | CELL W/ TOILET | 225 | 25 | 5 | 0.12 | 1 | 6 | 57 | 0.8 | 71 | 225 |
| Boys Toilet GB11 | CELL W/ TOILET | 220 | 25 | 5 | 0.12 | 1 | 6 | 56 | 0.8 | 71 | 220 |
| Boys Locker Room GB12 | LOCKER ROOMS FOR ATHLETIC, INDUSTRIAL, AND HEALTHCARE FACILITIES | 345 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.8 | 0 | 173 |
| Vestibule GC01 | CORRIDORS | 290 | 0 | 0 | 0.06 | 0 | 0 | 17 | 0.8 | 22 | 0 |

| COMMUNITY BUILDING GYM FLOOR LEVEL - SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES | | | | | | | | | | | |
|--|--|-------------------------|---|--|--|---|-------------------------------------|--|---|---|---------------------------------------|
| ROOM NAME/NUMBER | OCCUPANCY CATEGORY | A ROOM AREA (SQ.FT.) | B PEOPLE DENSITY (#/1000 SQ.FT.) / # OF FIXTURES | C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON) | D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.) | E EXHAUST AIR FLOW RATE (CFM/SQ.FT.) | F NUMBER OF PEOPLE (A*B)+1000=HP | G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F*C)+(A*D)=CFM | H ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR | I MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM | MINIMUM EXHAUST AIR FLOW RATE A+E=CFM |
| Corridor GC01 | CORRIDORS | 927 | 0 | 0 | 0.06 | 0 | 0 | 56 | 0.8 | 70 | 0 |
| Security Office G102 | OFFICE SPACE | 95 | 5 | 5 | 0.06 | 0 | 1 | 11 | 0.8 | 13 | 0 |
| Toilet G107 | CELL W/ TOILET | 58 | 25 | 5 | 0.12 | 1 | 2 | 17 | 0.8 | 21 | 58 |
| Toilet 2 | OFFICE SPACE | 58 | 5 | 5 | 0.06 | 0 | 1 | 8 | 0.8 | 11 | 0 |
| Toilet 3 | OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS | 58 | 2 | 5 | 0.06 | 0 | 1 | 8 | 0.8 | 11 | 0 |
| Janitor Closet G107 | OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS | 37 | 2 | 5 | 0.06 | 0 | 1 | 7 | 0.8 | 9 | 0 |
| Gym/Auditorium G103 | MULTIPURPOSE ASSEMBLY | 5890 | 120 | 5 | 0.06 | 0 | 707 | 3888 | 0.8 | 4861 | 0 |
| Stage G104 | LOCKER ROOMS FOR ATHLETIC, INDUSTRIAL, AND HEALTHCARE FACILITIES | 467 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.8 | 0 | 234 |

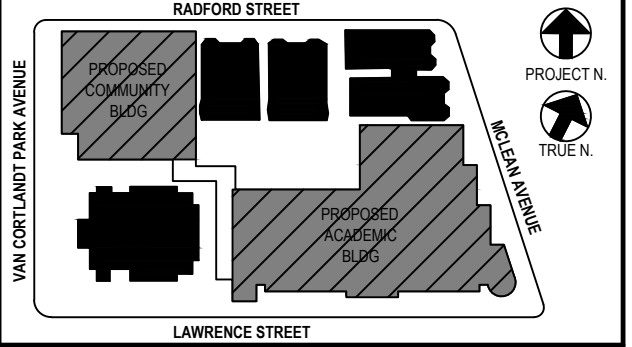
| COMMUNITY BUILDING UPPER LEVEL - SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES | | | | | | | | | | | |
|--|-----------------------|-------------------------|---|--|--|---|-------------------------------------|--|---|---|---------------------------------------|
| ROOM NAME/NUMBER | OCCUPANCY CATEGORY | A ROOM AREA (SQ.FT.) | B PEOPLE DENSITY (#/1000 SQ.FT.) / # OF FIXTURES | C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON) | D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.) | E EXHAUST AIR FLOW RATE (CFM/SQ.FT.) | F NUMBER OF PEOPLE (A*B)+1000=HP | G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F*C)+(A*D)=CFM | H ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR | I MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM | MINIMUM EXHAUST AIR FLOW RATE A+E=CFM |
| Gym/Auditorium G103 | MULTIPURPOSE ASSEMBLY | 5940 | 120 | 5 | 0.06 | 0 | 713 | 3921 | 0.8 | 4902 | 0 |
| Stage G104 | STAGES, STUDIOS | 490 | 70 | 10 | 0.06 | 0 | 35 | 379 | 0.8 | 474 | 0 |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLEAN AVENUE
YONKERS, NY 10705



NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



NOTE: ALL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, PC (BGA) AND ARE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR INCORPORATED INTO ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS PRIOR TO CONSTRUCTION. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 1703 OF NEW YORK STATE LAW. COPYRIGHT 2022, BARILE GALLAGHER & ASSOCIATES, ARCHITECTS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-----------------------|
| 5 | 01/13/2022 | CONFIRMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| No. | Date | Issue |
|-----|------|-------|
|-----|------|-------|

SCHEDULES

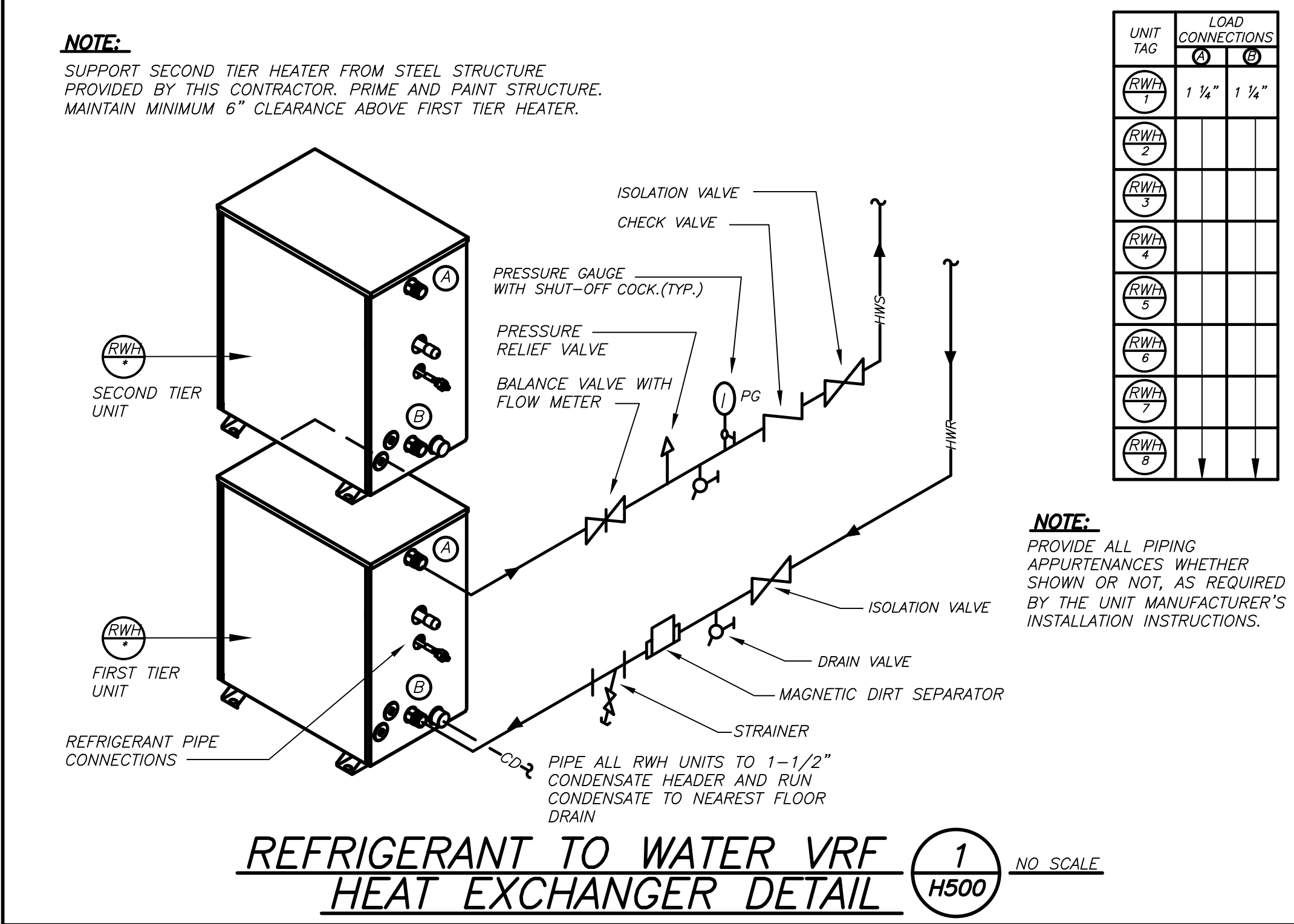
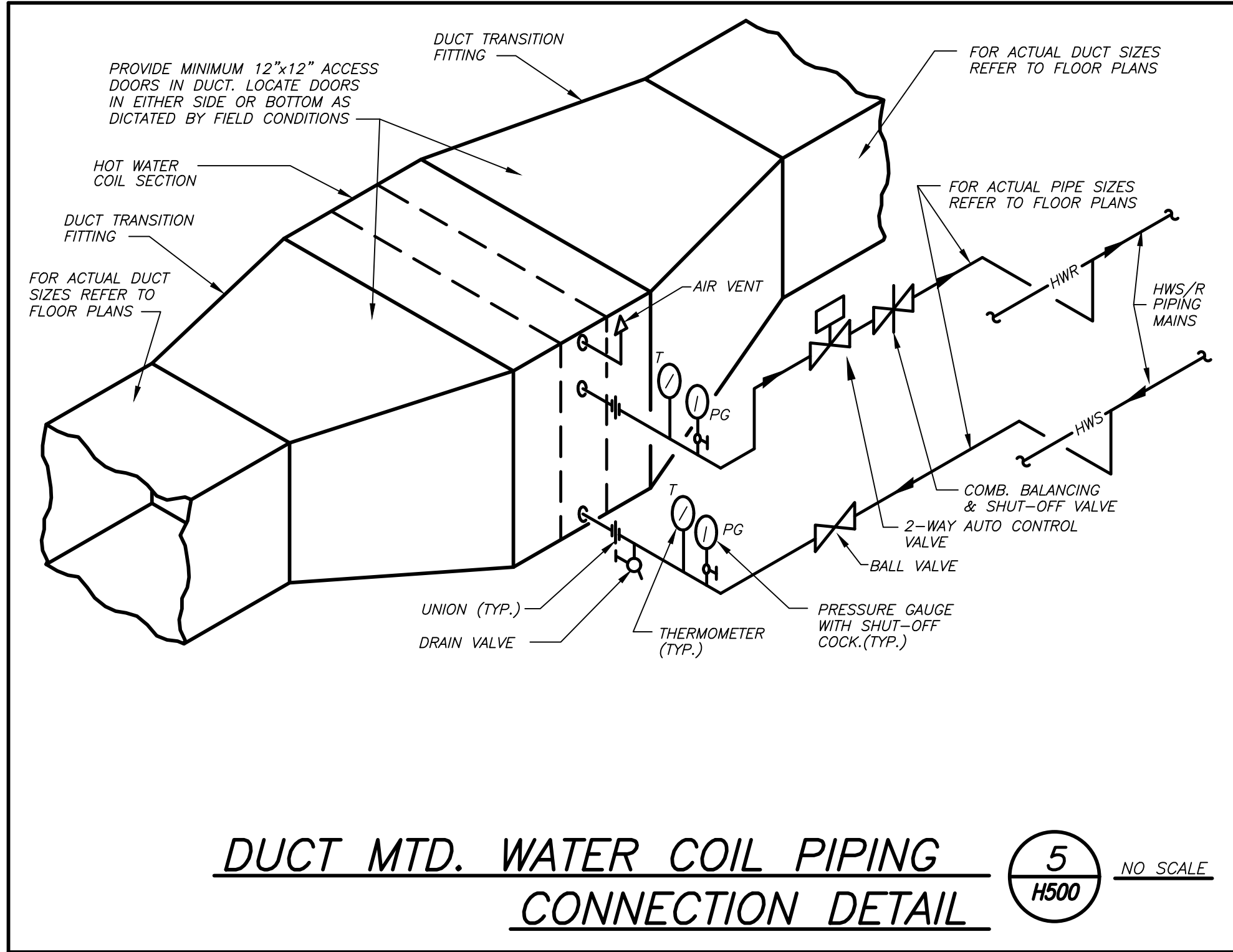
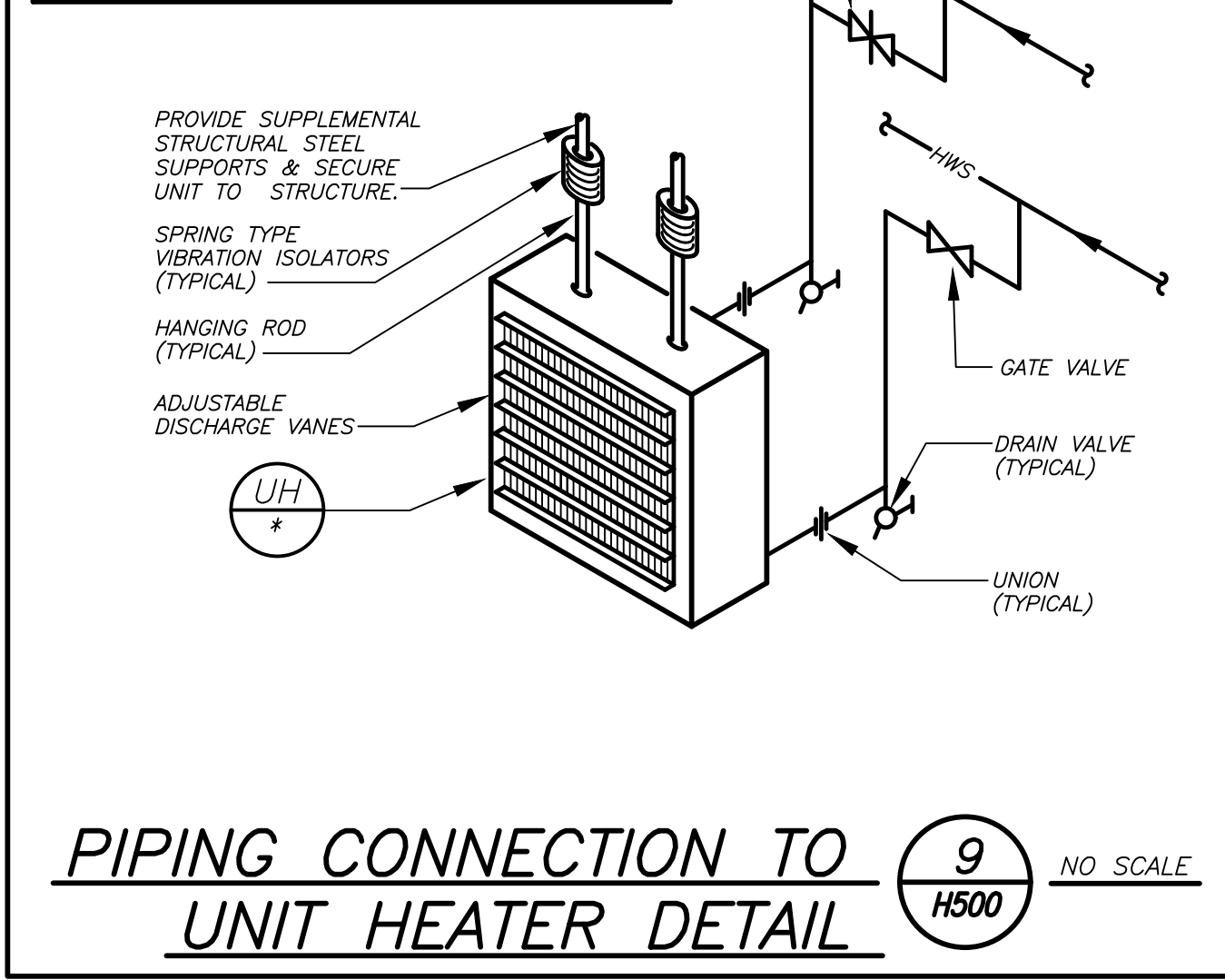
| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |

Sheet Number
H403

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

| SCHEDULE OF UNIT HEATERS | | | | | | | | | |
|--------------------------|-----------|-------------|----------|---------|-----|-------------|------------------|--|--|
| MARK | MODEL NO. | CAP. BTU/HR | WGT. LBS | WGT. OZ | OPM | MOTOR WATTS | ELECTRIC SERVICE | | |
| 9 | HS-36 | 26,000 | 122 | 102 | 3.0 | 25 | 120/1/60 | | |

AS MANUFACTURED BY "STERLING CO."
 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 555 CFM @ 1550 RPM.



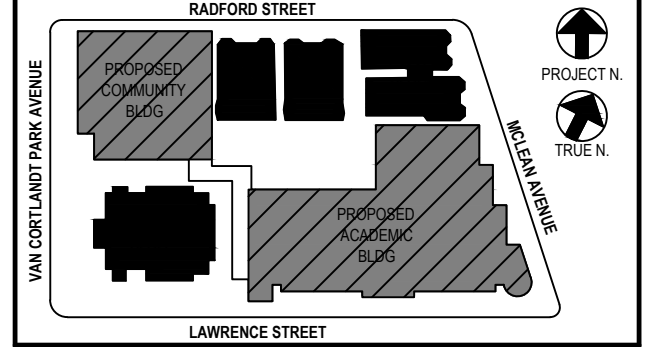
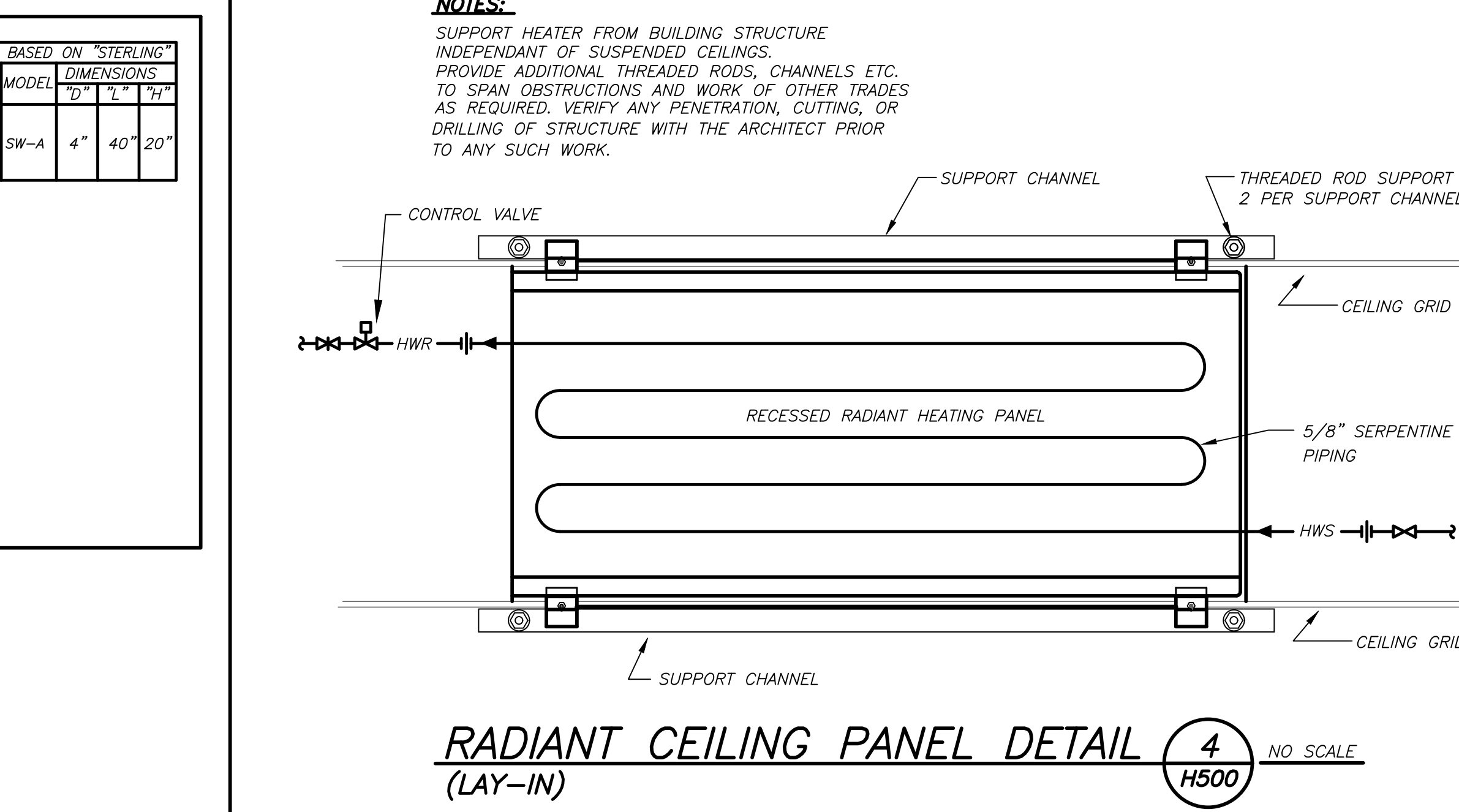
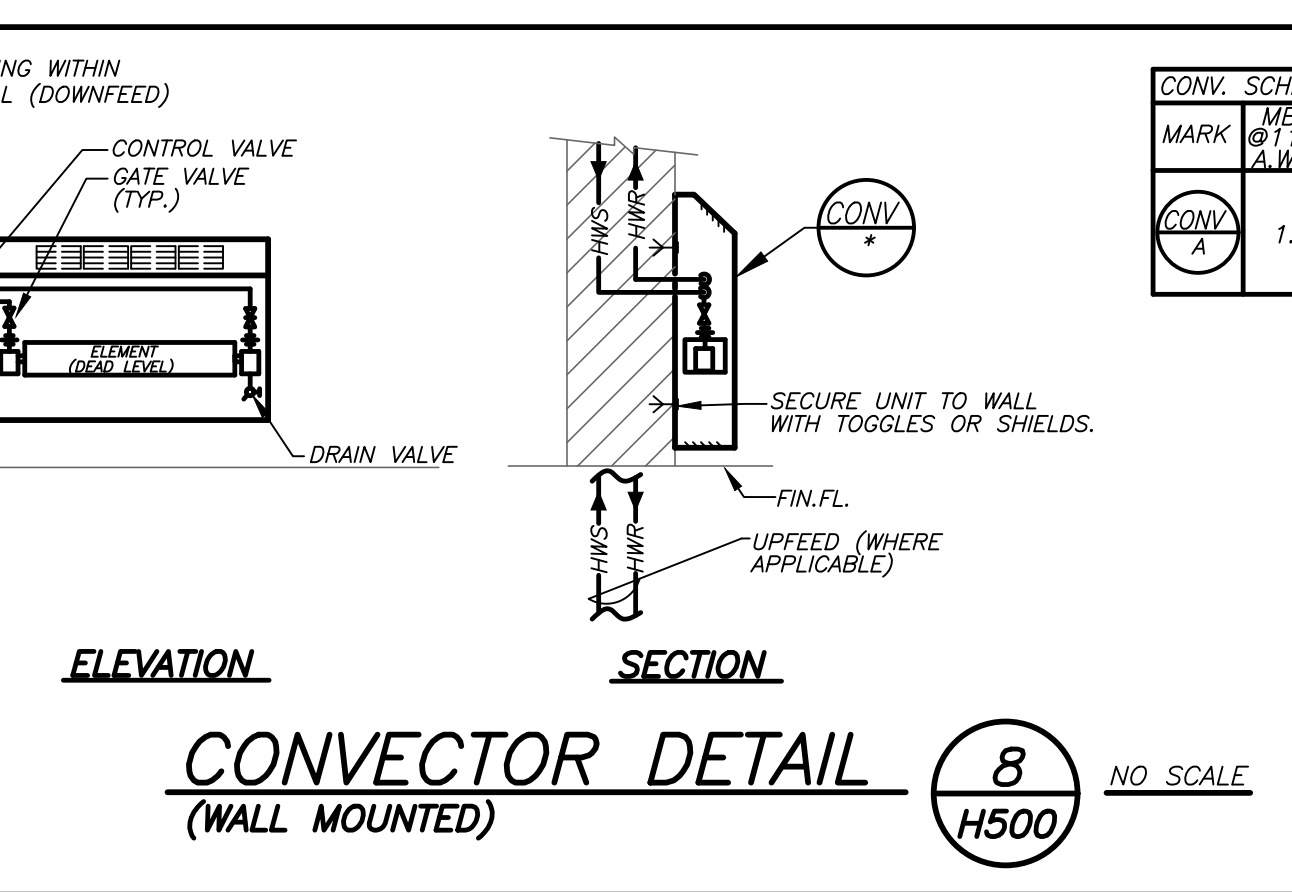
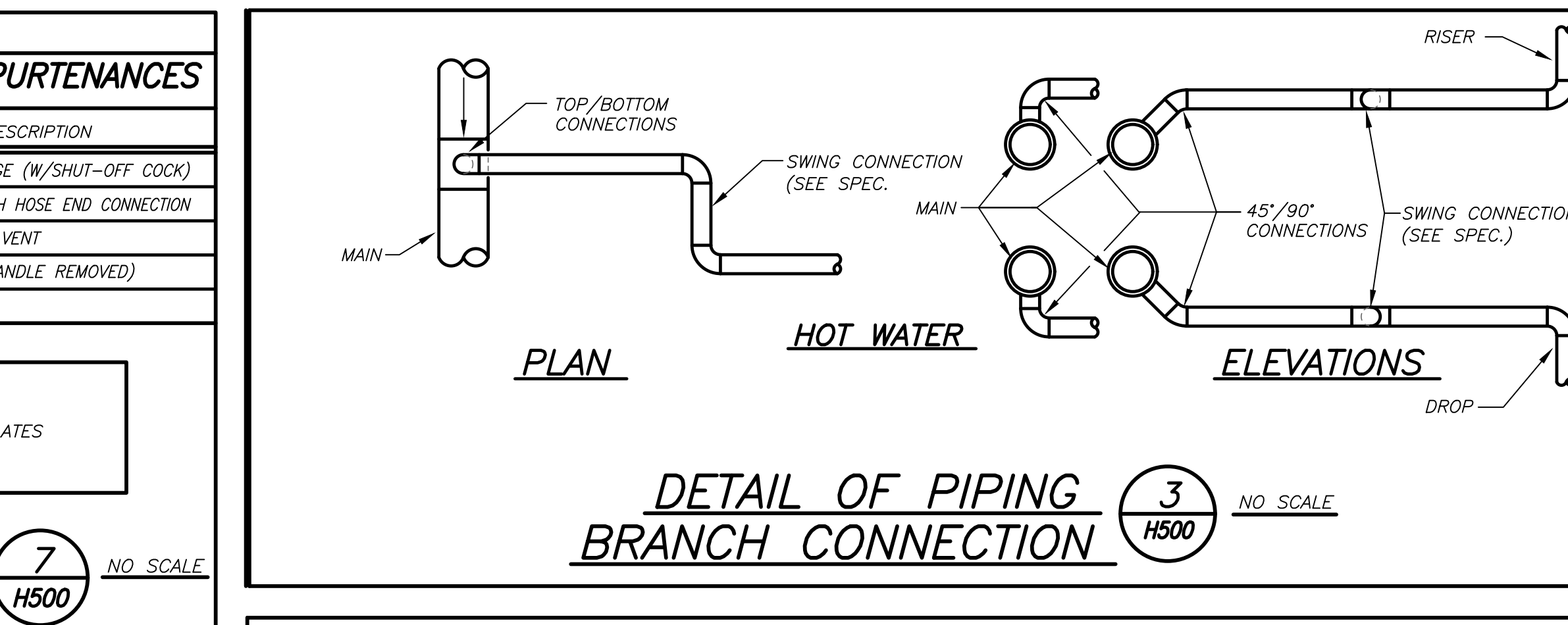
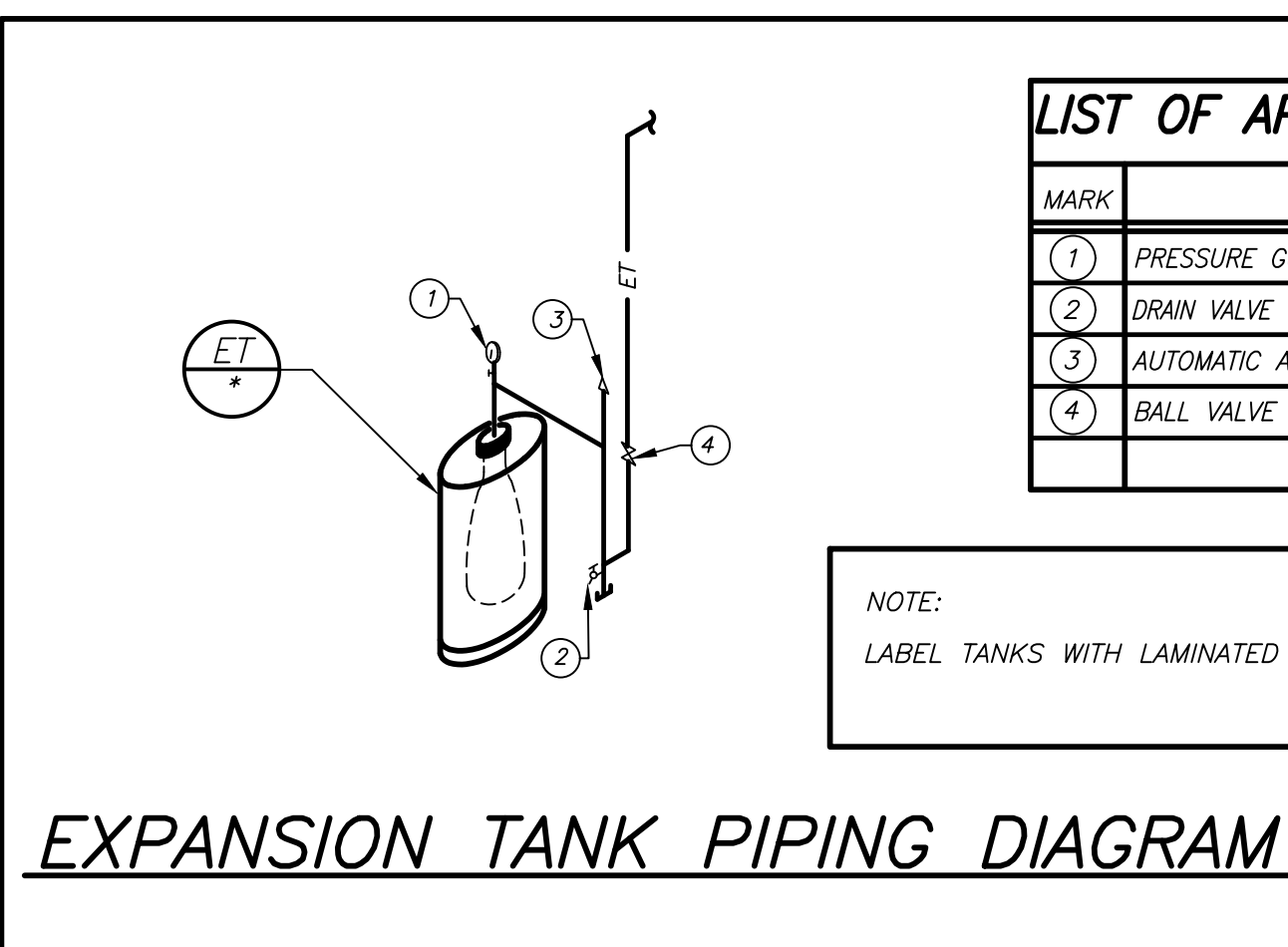
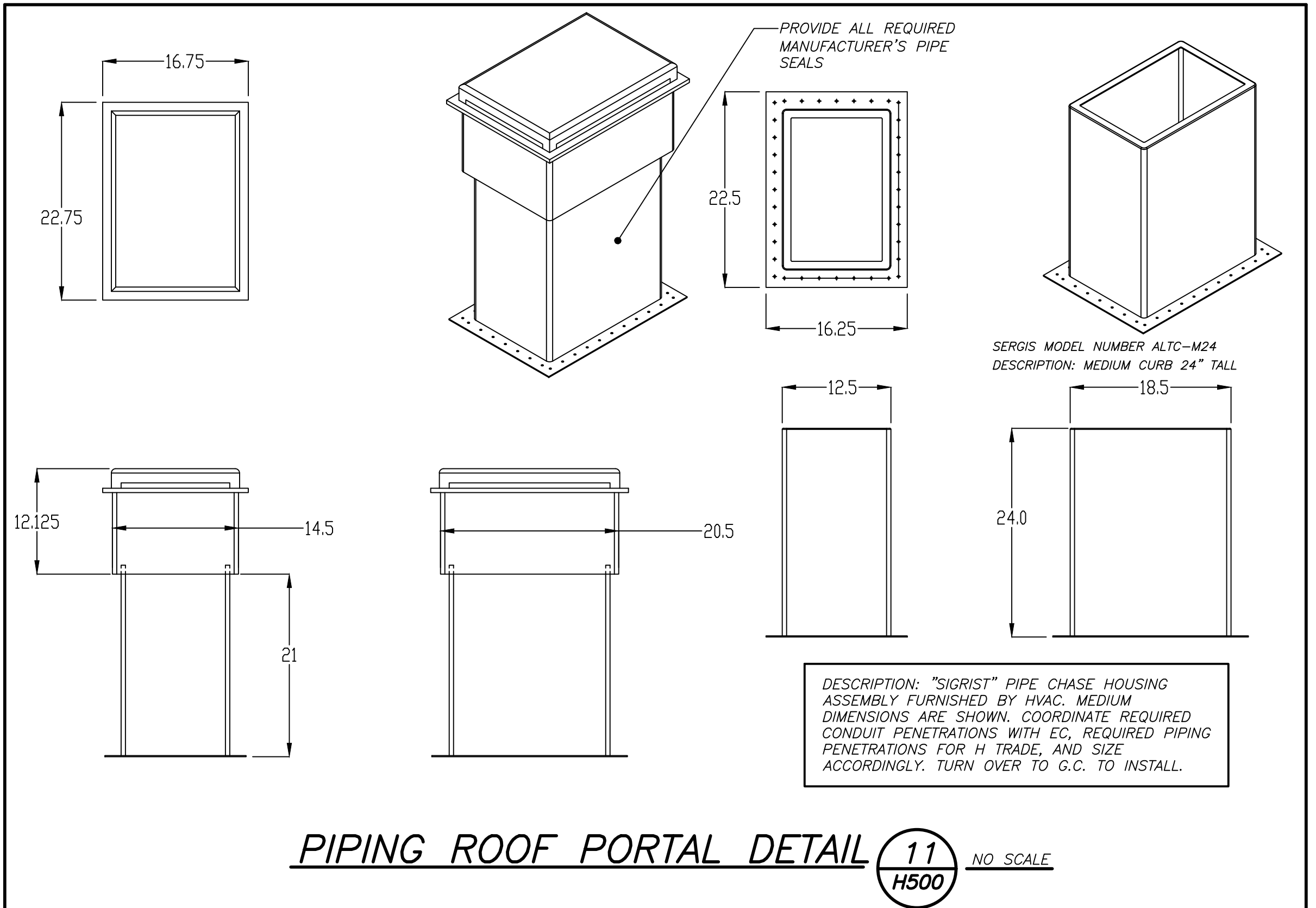
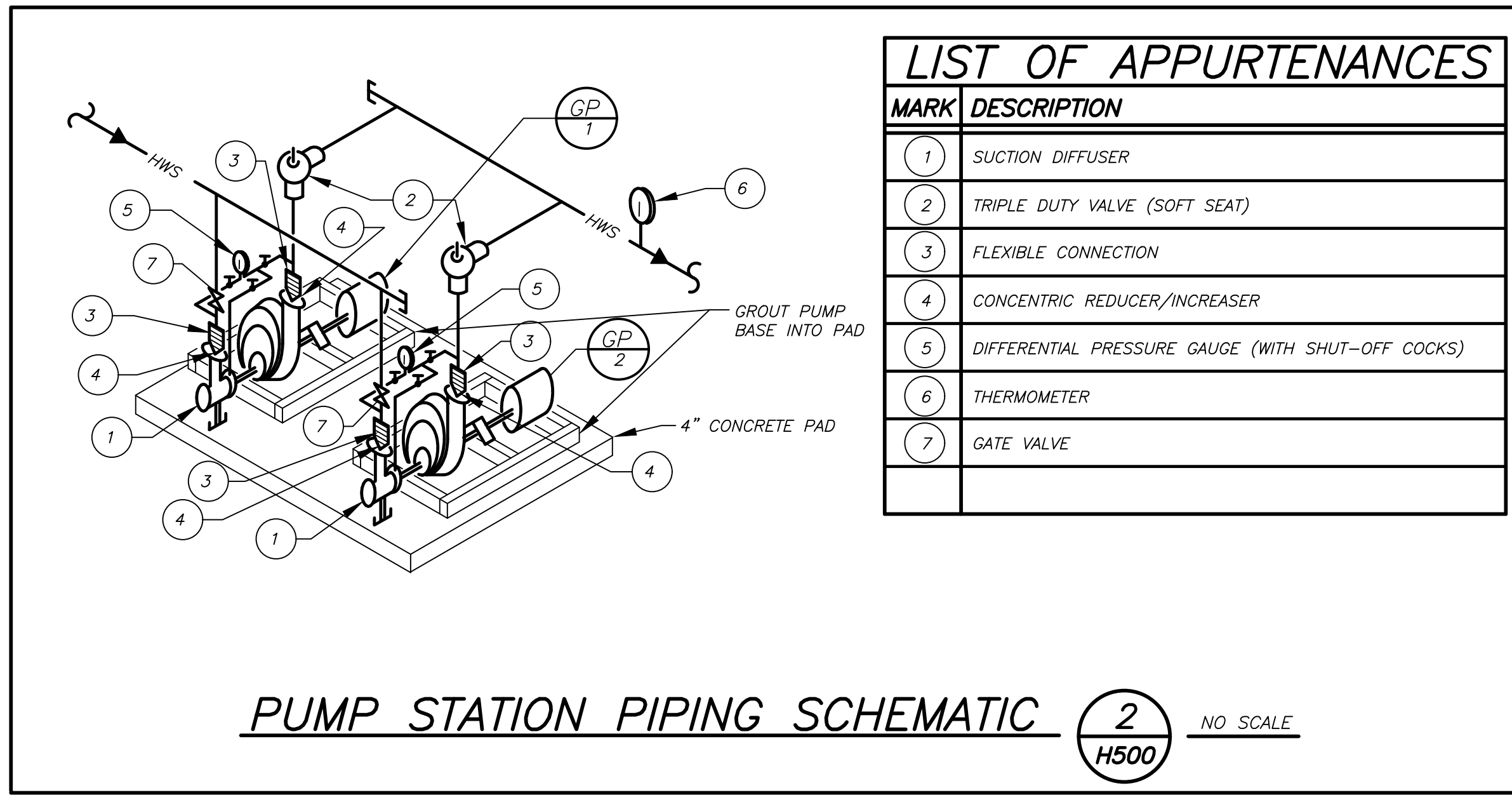
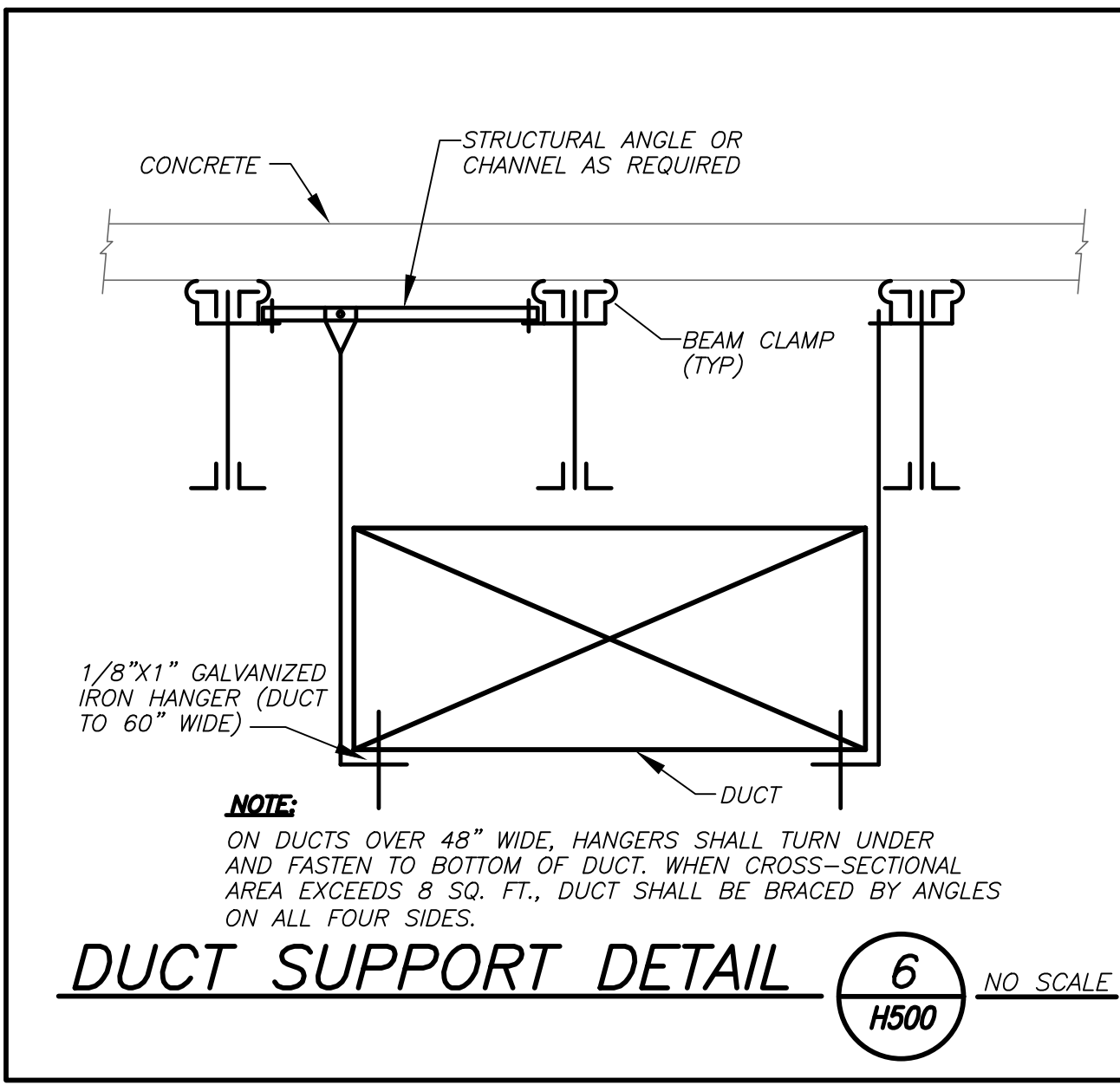
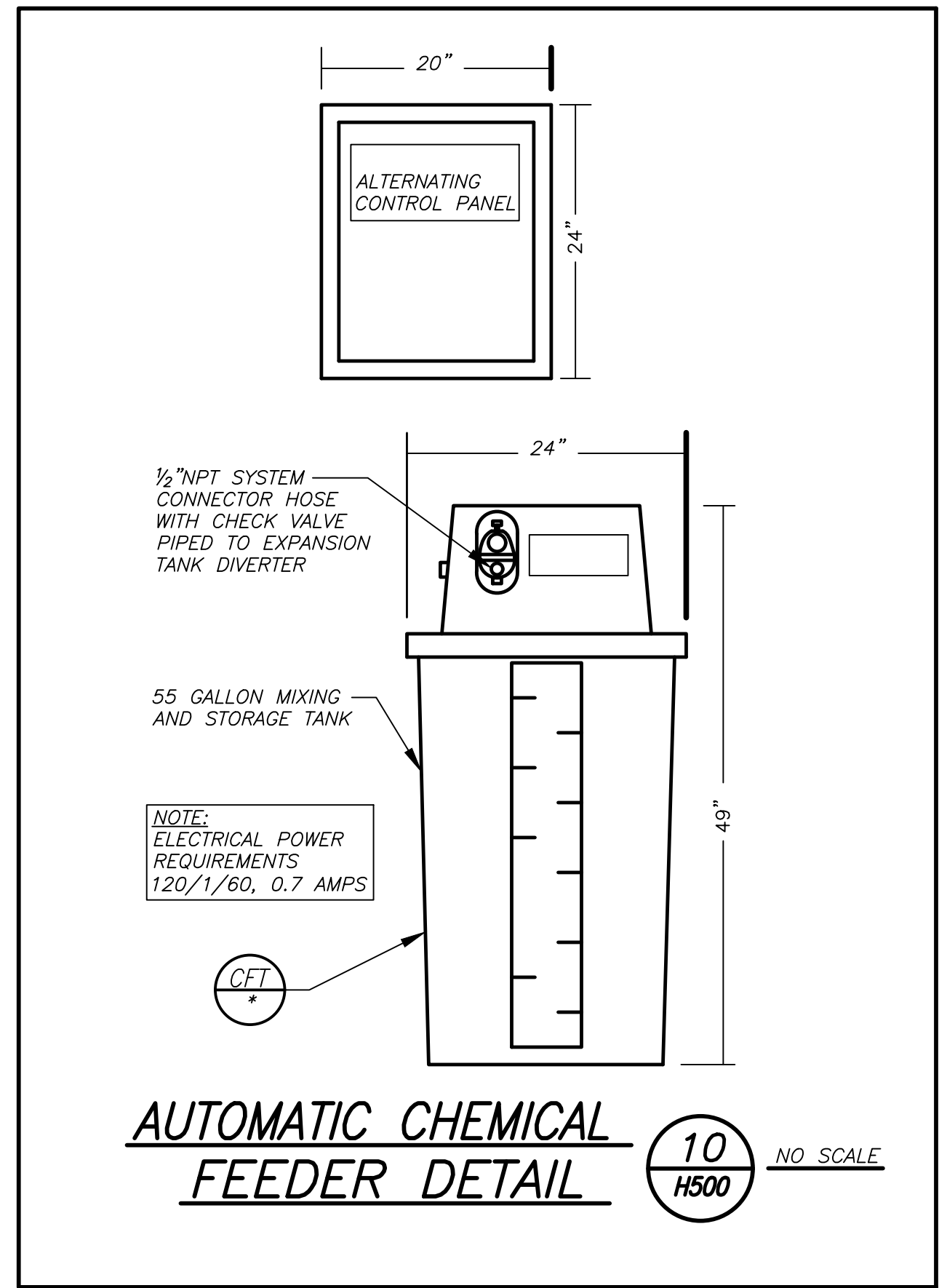
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLEAN AVENUE
 YONKERS, NY 10705

KG+D listen imagine build
 ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
 BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLEASANTVILLE, NY 10570
 P.914.326.6999 GENERAL@BGAINC.COM WWW.BGAINC.COM



NOTE: ALL LEGAL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF WATER GARDEN. NO PART OF THIS DRAWING OR ANY INFORMATION HEREON SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF WATER GARDEN.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OR ANY ITEM CONTAINED ON THIS DOCUMENT UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 2603 OF NEW YORK STATE LAW. COPYRIGHT © 2021 WATER GARDEN. WATER GARDEN ARCHITECTS ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-----------------------|
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS |
| 3 | 11/01/2021 | ISSUED TO BID |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 5 | 01/13/2022 | CONFIRMED SET |

DETAILS

| Job No. | Date |
|-----------|----------|
| 2019-1026 | 11/18/20 |

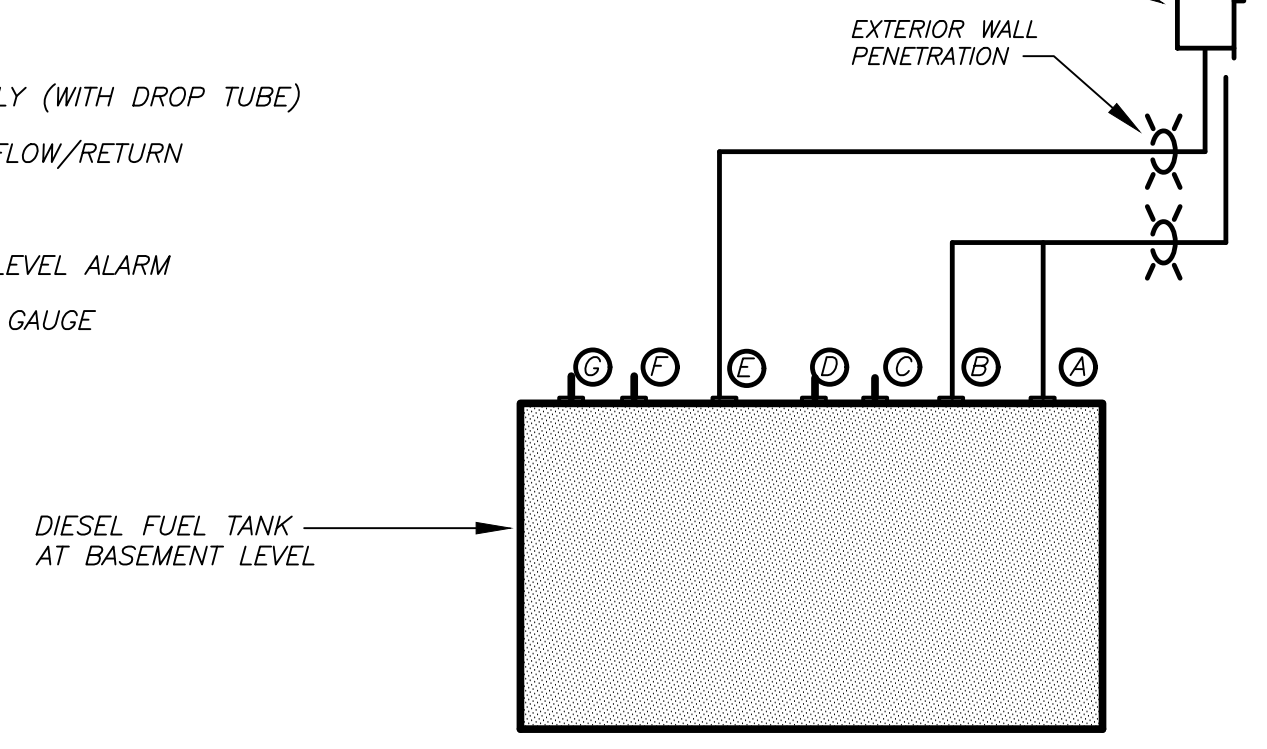
| Scale | Drawn / Checked |
|----------|-----------------|
| AS NOTED | BGA/BGA |

Sheet Number

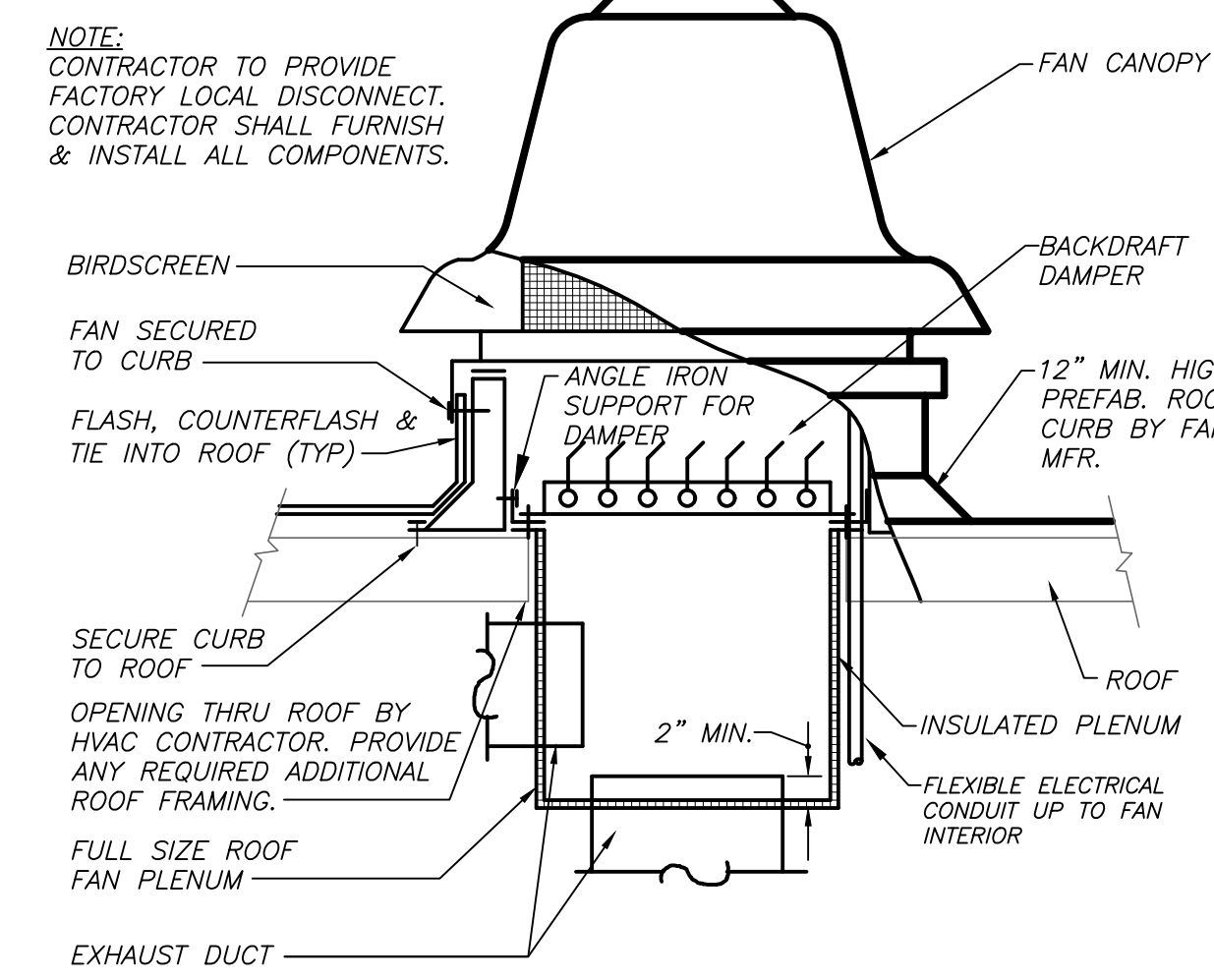
H500

LEGEND - EMERGENCY GENERATOR

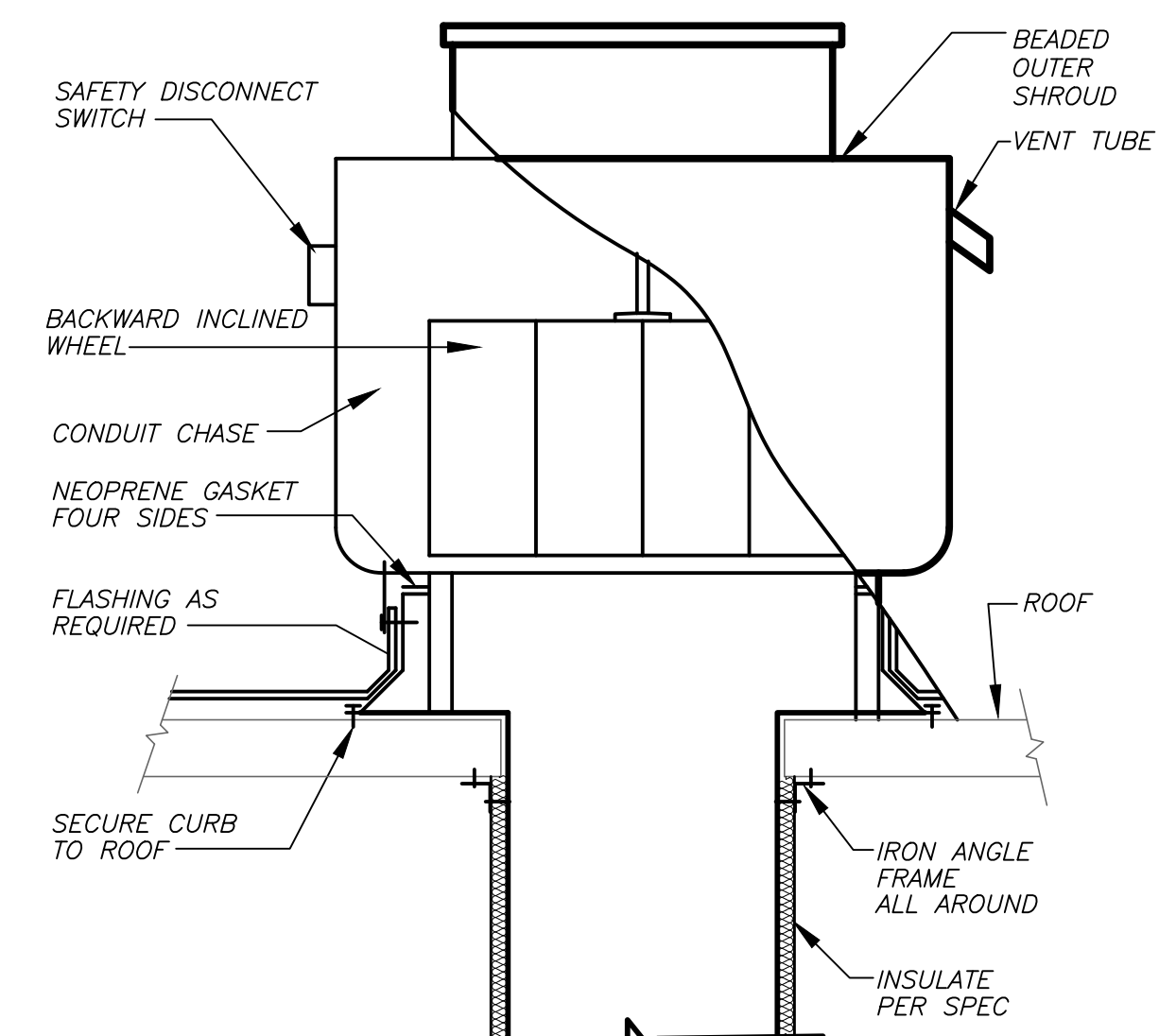
- ① 3" EMERGENCY VENT
- ② 2" NORMAL VENT
- ③ DIESEL FUEL SUPPLY (WITH DROP TUBE)
- ④ DIESEL FUEL OVERFLOW/RETURN
- ⑤ 2" TANK FILL
- ⑥ GAUGE/HIGH-LOW LEVEL ALARM
- ⑦ MECHANICAL LEVEL GAUGE



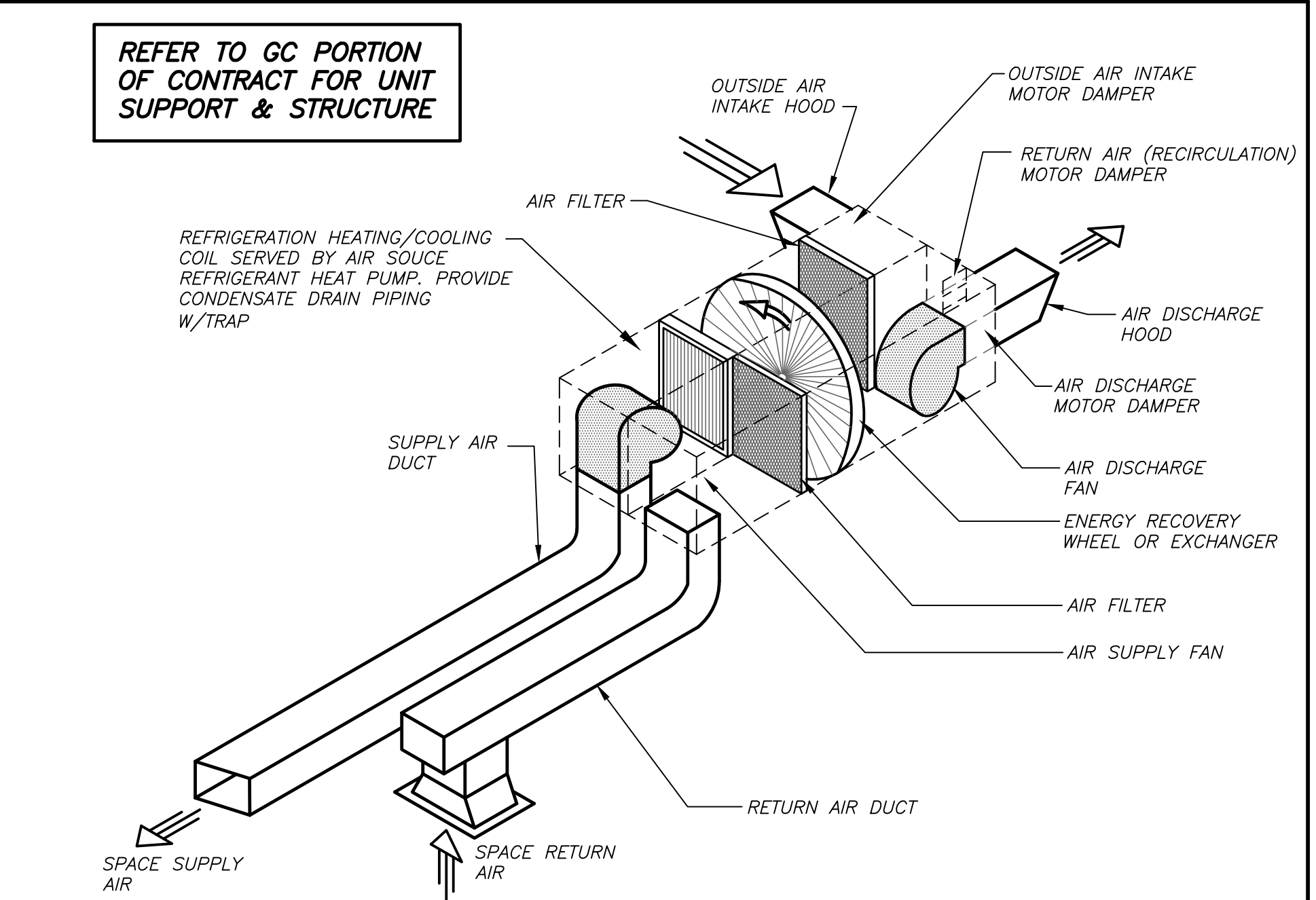
ABOVE GRADE DIESEL FUEL TANK DETAIL 10 H501 NO SCALE



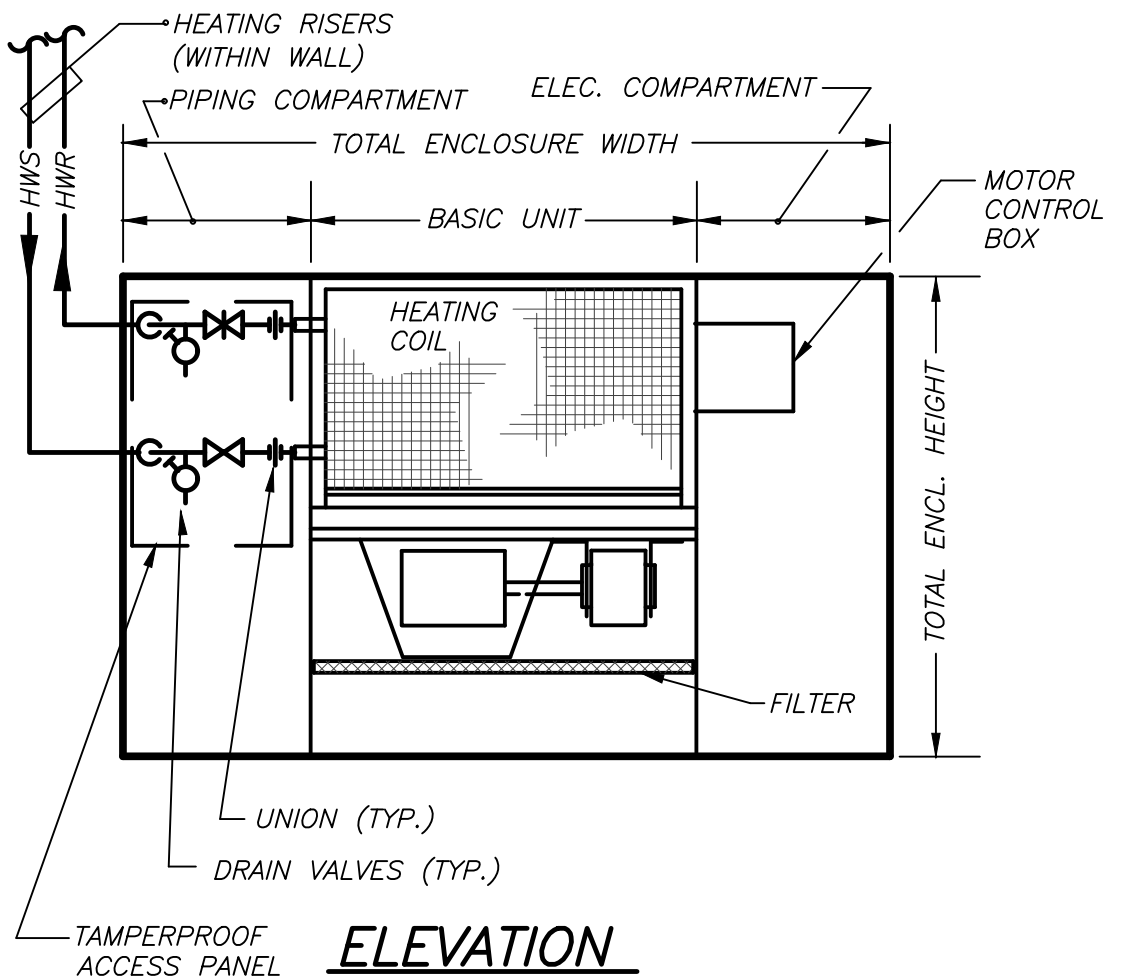
ROOF EXHAUST FAN DETAIL 6 H501 NO SCALE



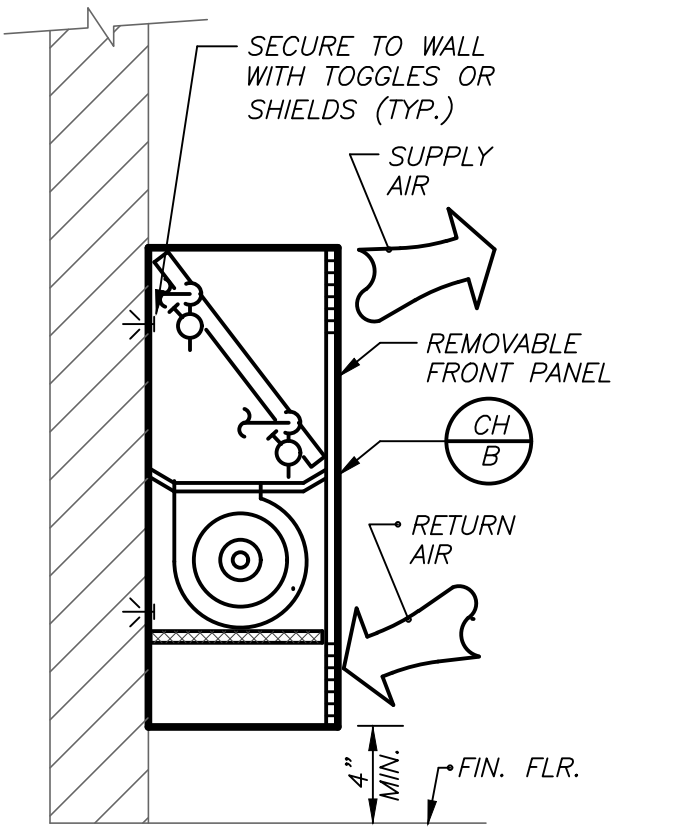
UPBLAST EXHAUST FAN DETAIL 4 H501 NO SCALE



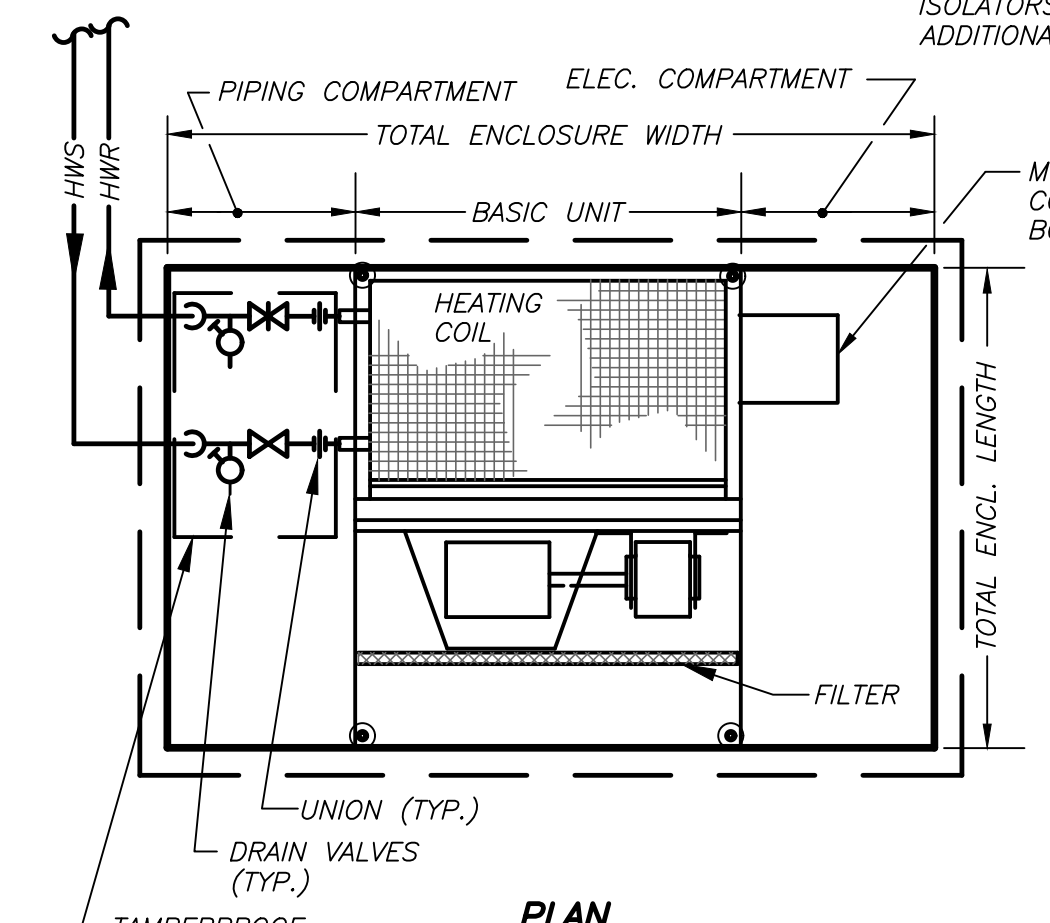
ISOMETRIC OF ROOF MOUNTED ENERGY RECOVERY AIR HANDLING UNIT DETAIL 1 H501 NO SCALE



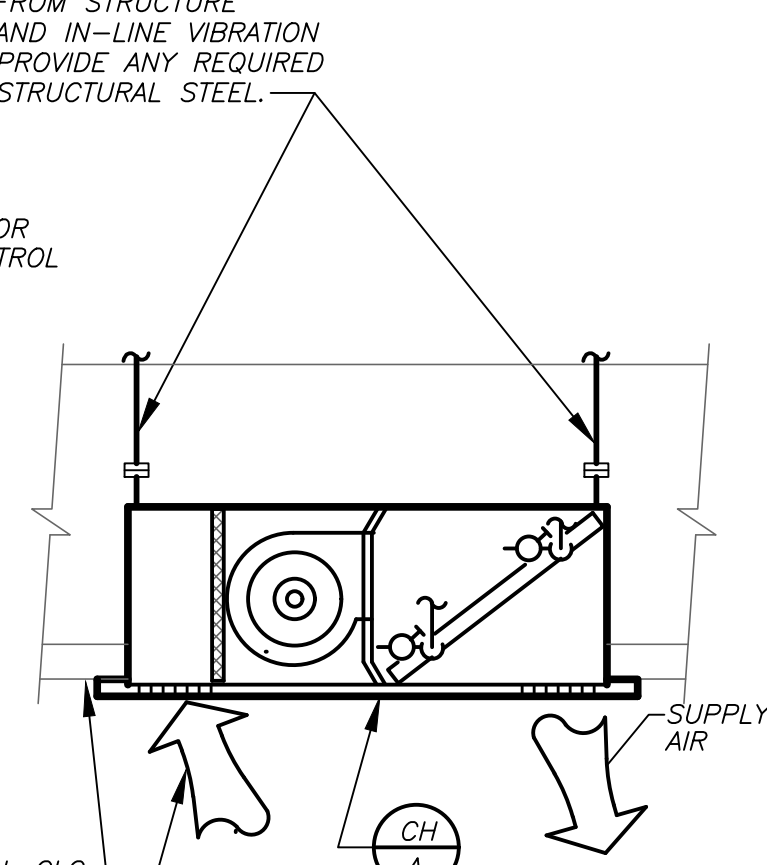
CABINET HEATER DETAIL 11 H501 NO SCALE



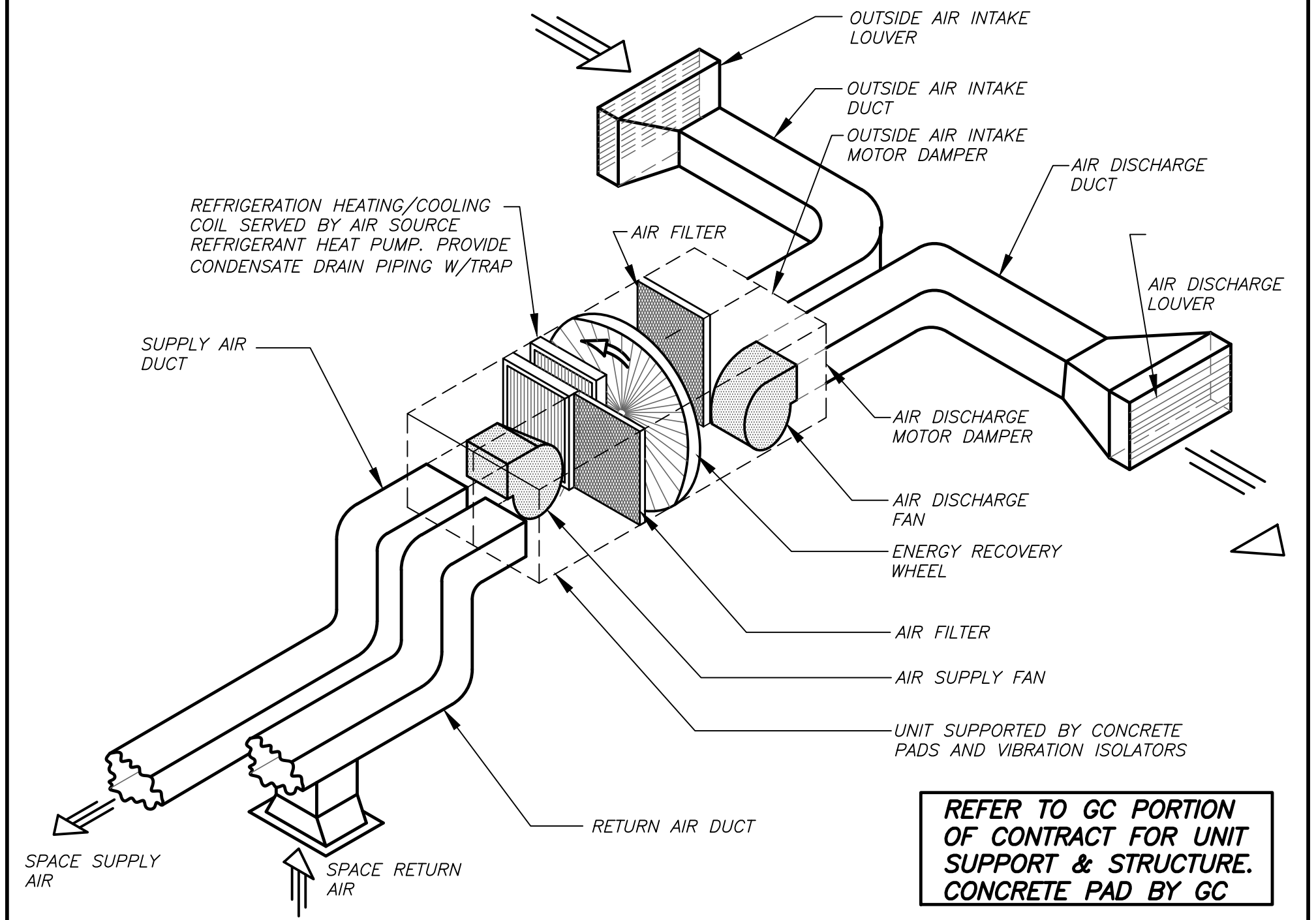
SECTION (SURFACE MOUNTED)



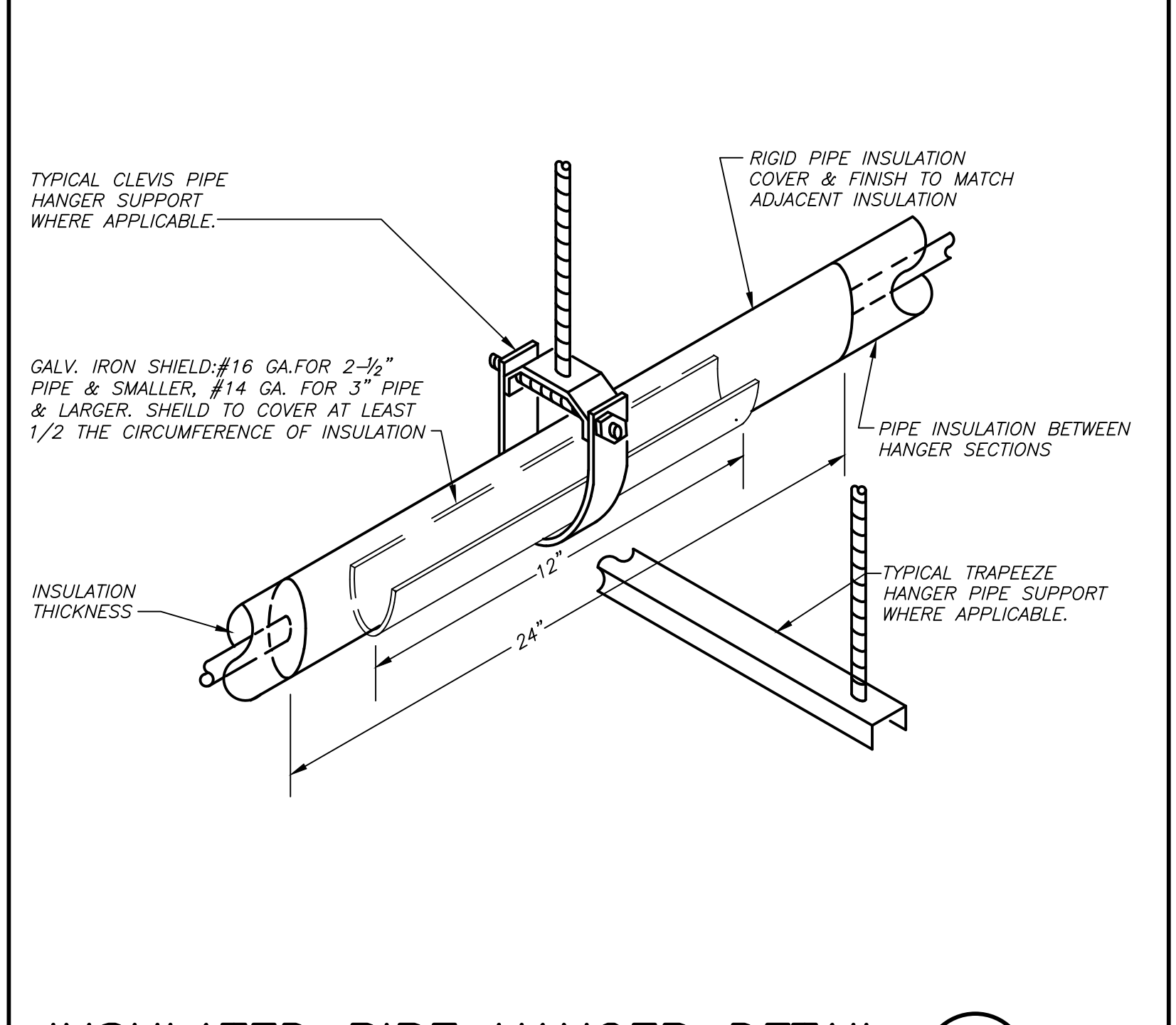
CABINET HEATER DETAIL 5 H501 NO SCALE



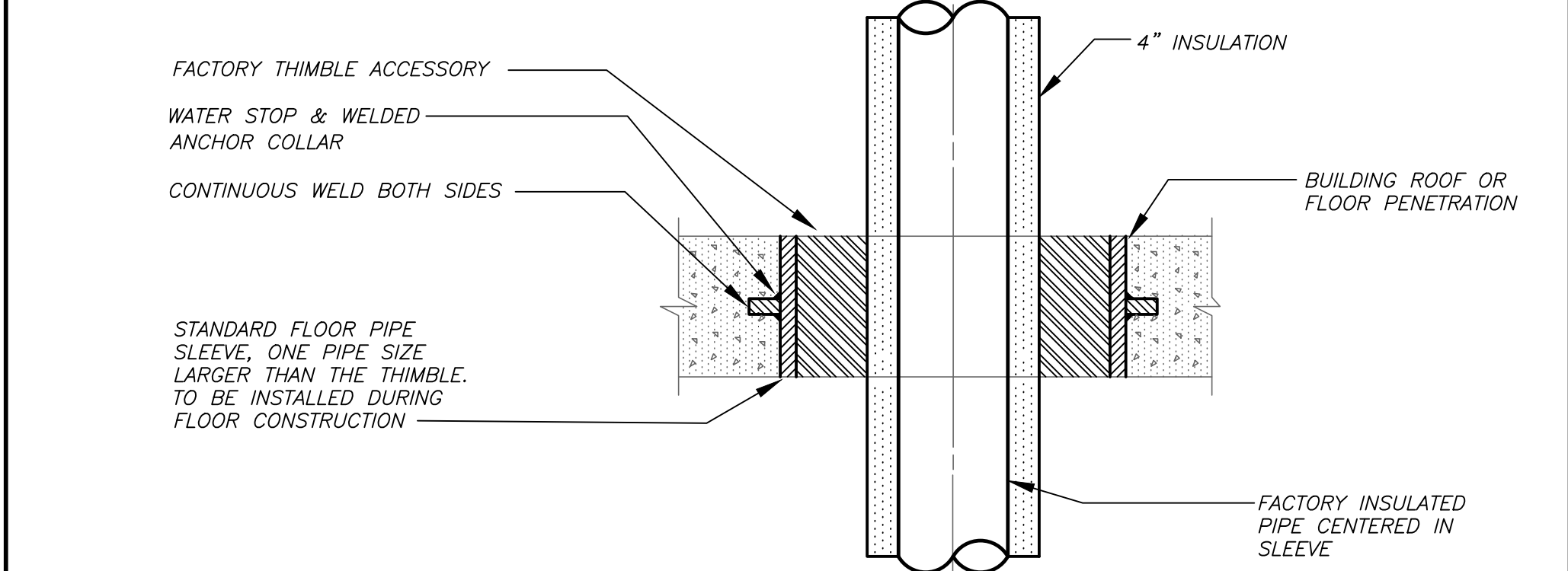
SECTION (Ceiling Mounted)



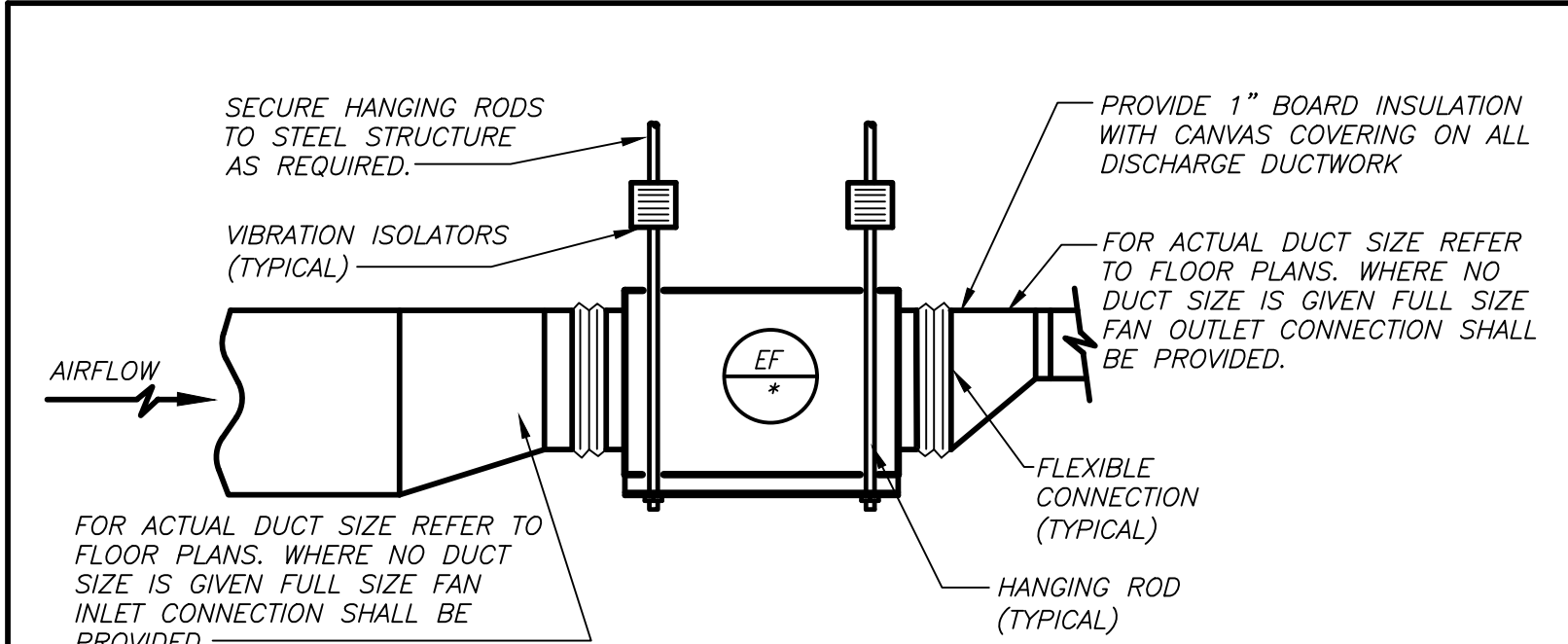
ISOMETRIC OF INDOOR ENERGY RECOVERY AIR HANDLING UNIT DETAIL 2 H501 NO SCALE



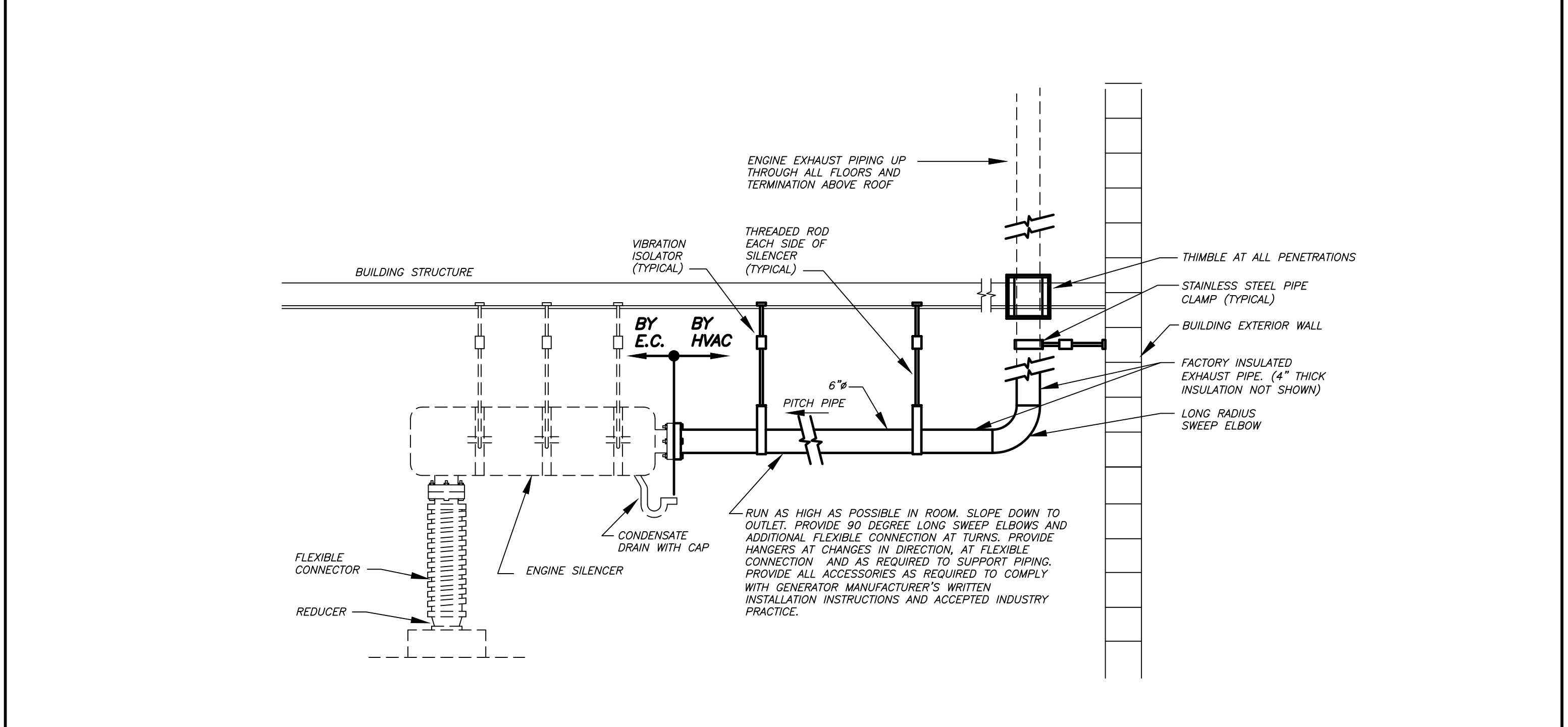
INSULATED PIPE HANGER DETAIL 7 H501 NO SCALE



GENERATOR EXHAUST PIPE FLOOR/ROOF PENETRATION DETAIL 8 H501 NO SCALE



INLINE FAN DETAIL 9 H501 NO SCALE



GENERATOR EXHAUST SYSTEM DETAIL 3 H501 NO SCALE

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLEAN AVENUE
YONKERS, NY 10705

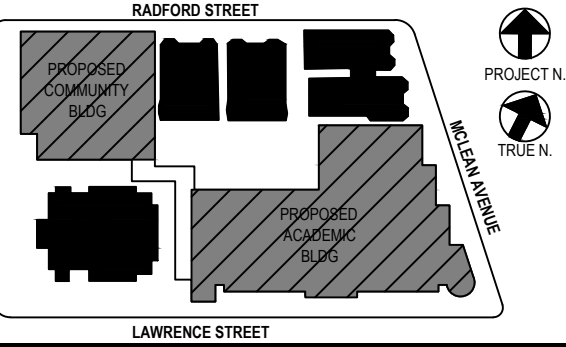
KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLASANTVILLE, NY 10570
P.914.326.6999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LEGAL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, P.C. (BGA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LEGAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 2615.03 OF NEW YORK STATE LAW. COPYRIGHT BARILE GALLAGHER & ASSOCIATES ARCHITECTS ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

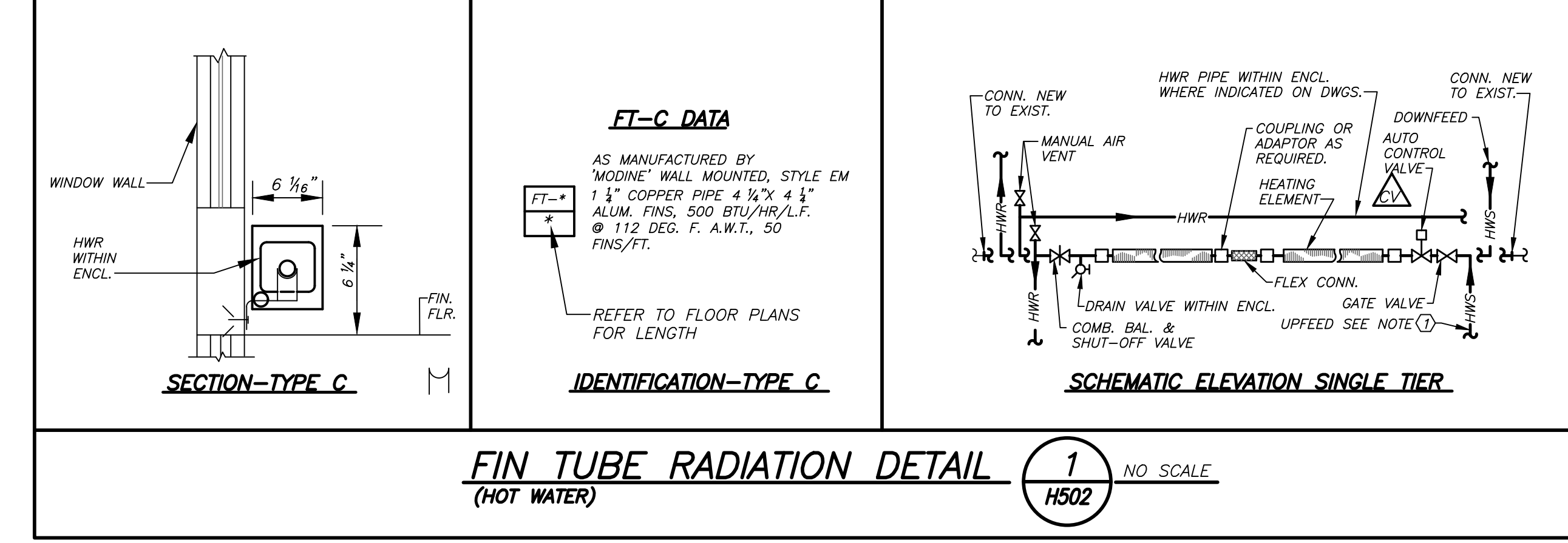
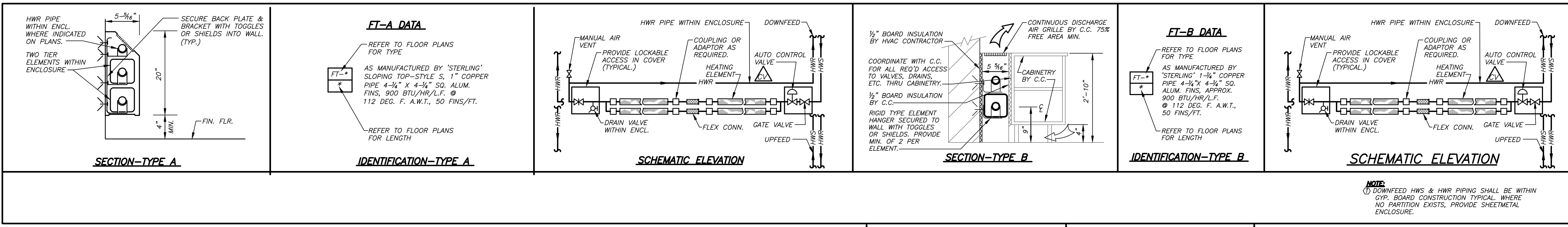
| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFIRMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

DETAILS

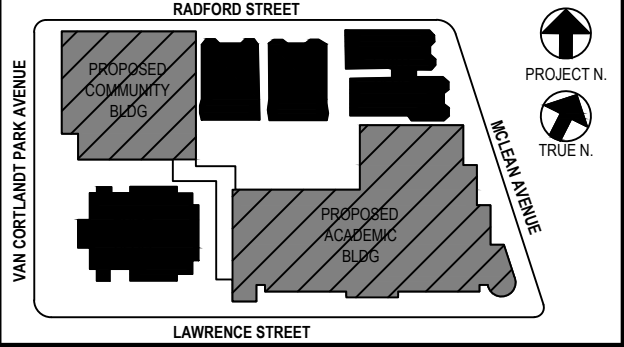
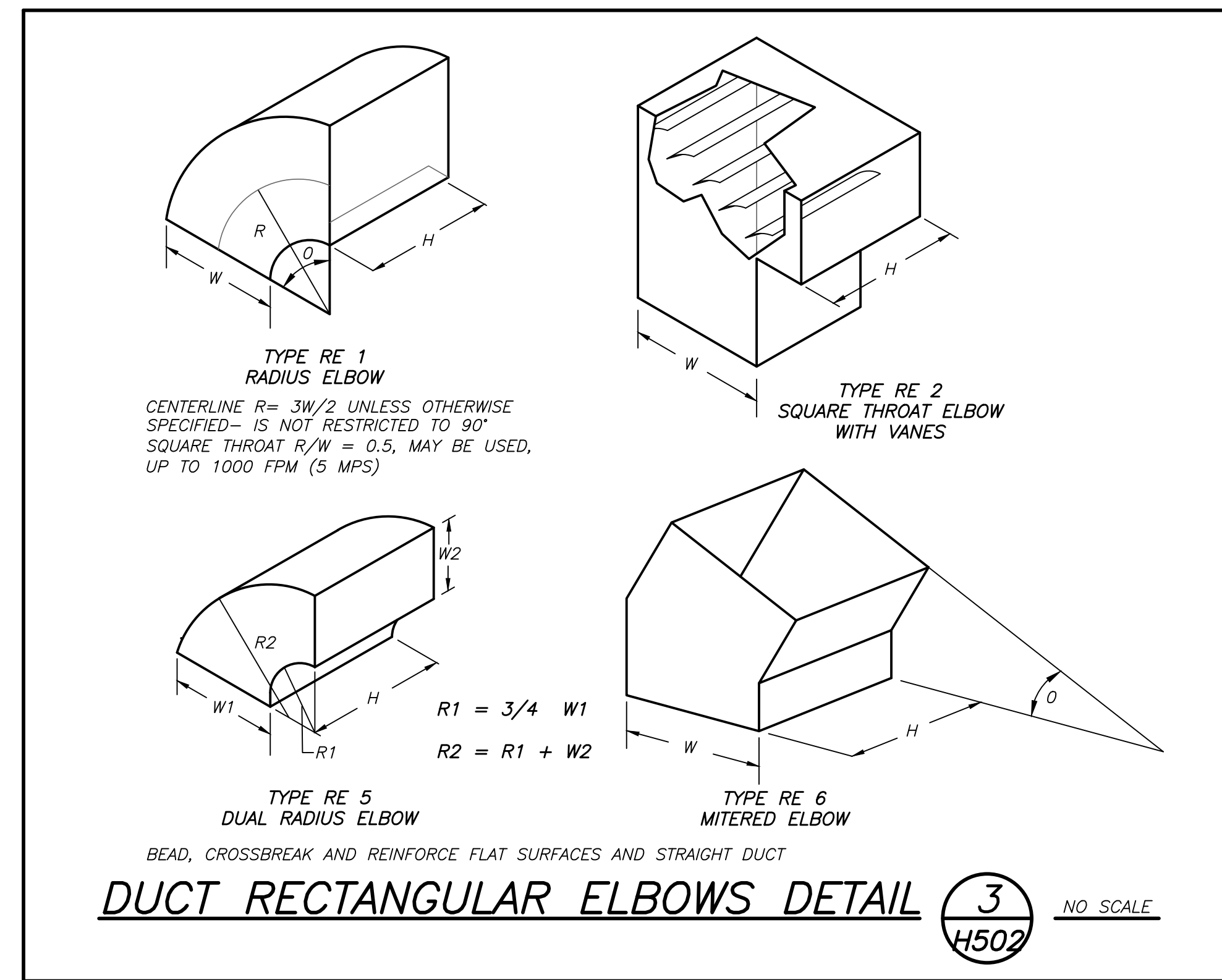
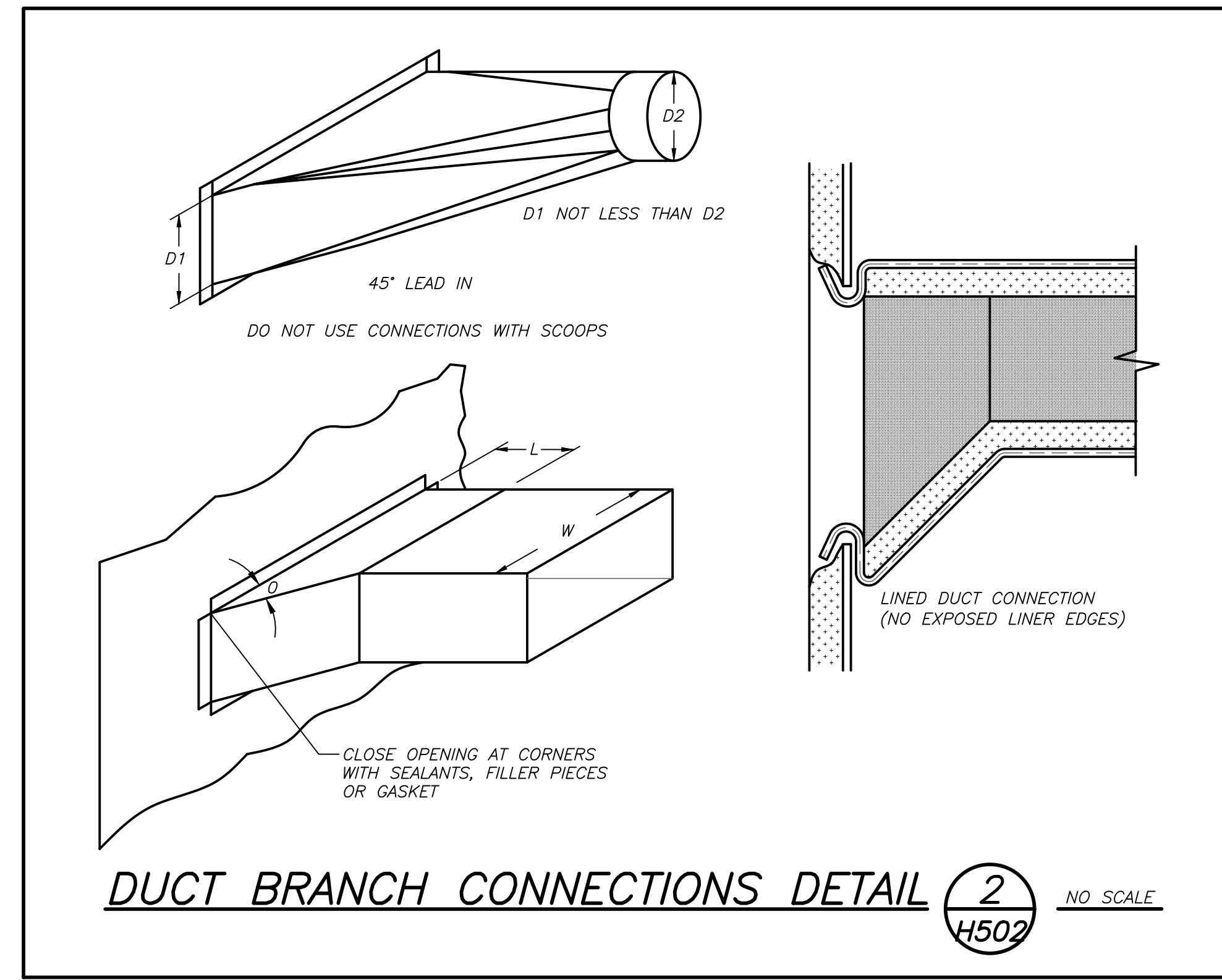
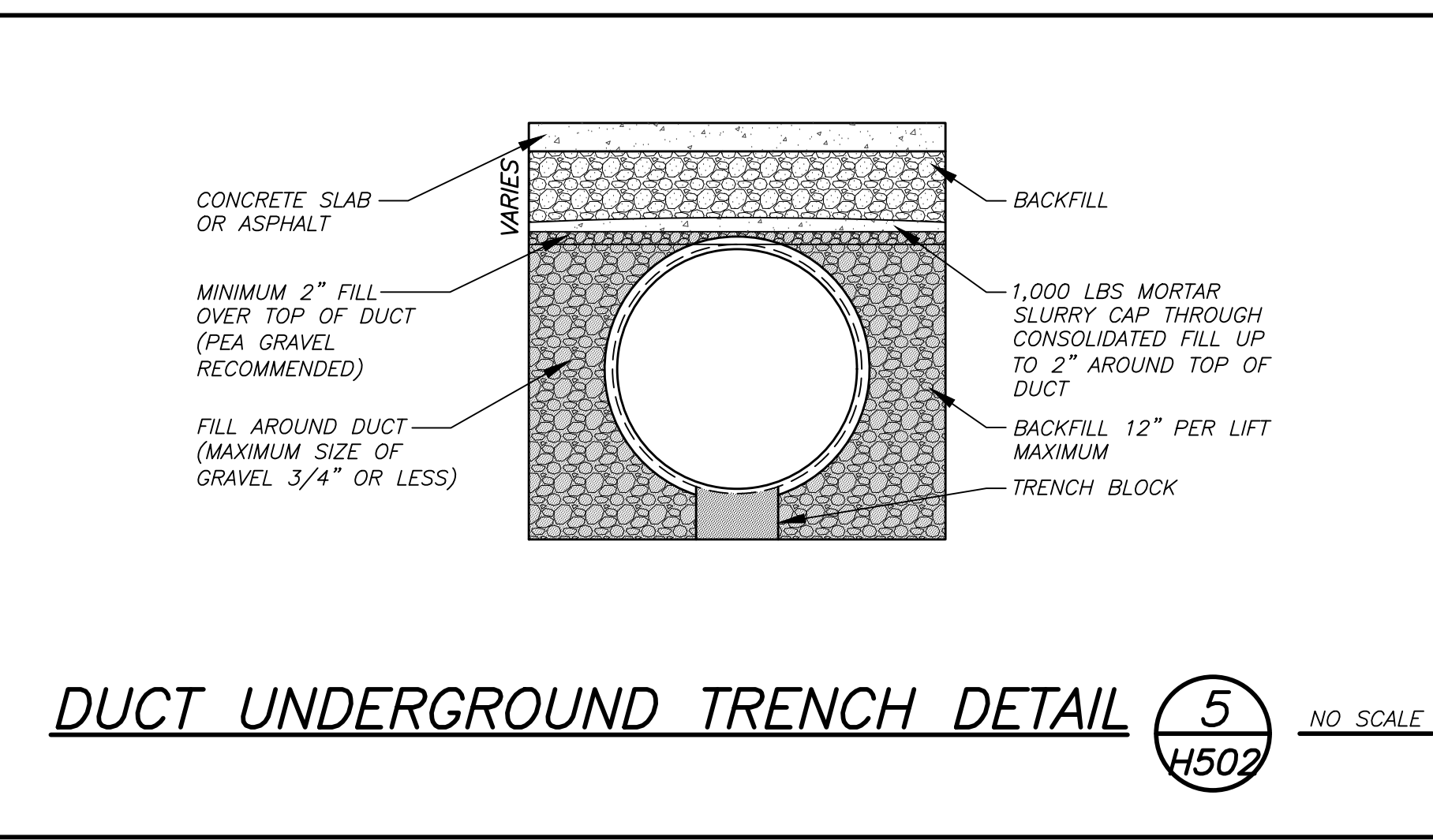
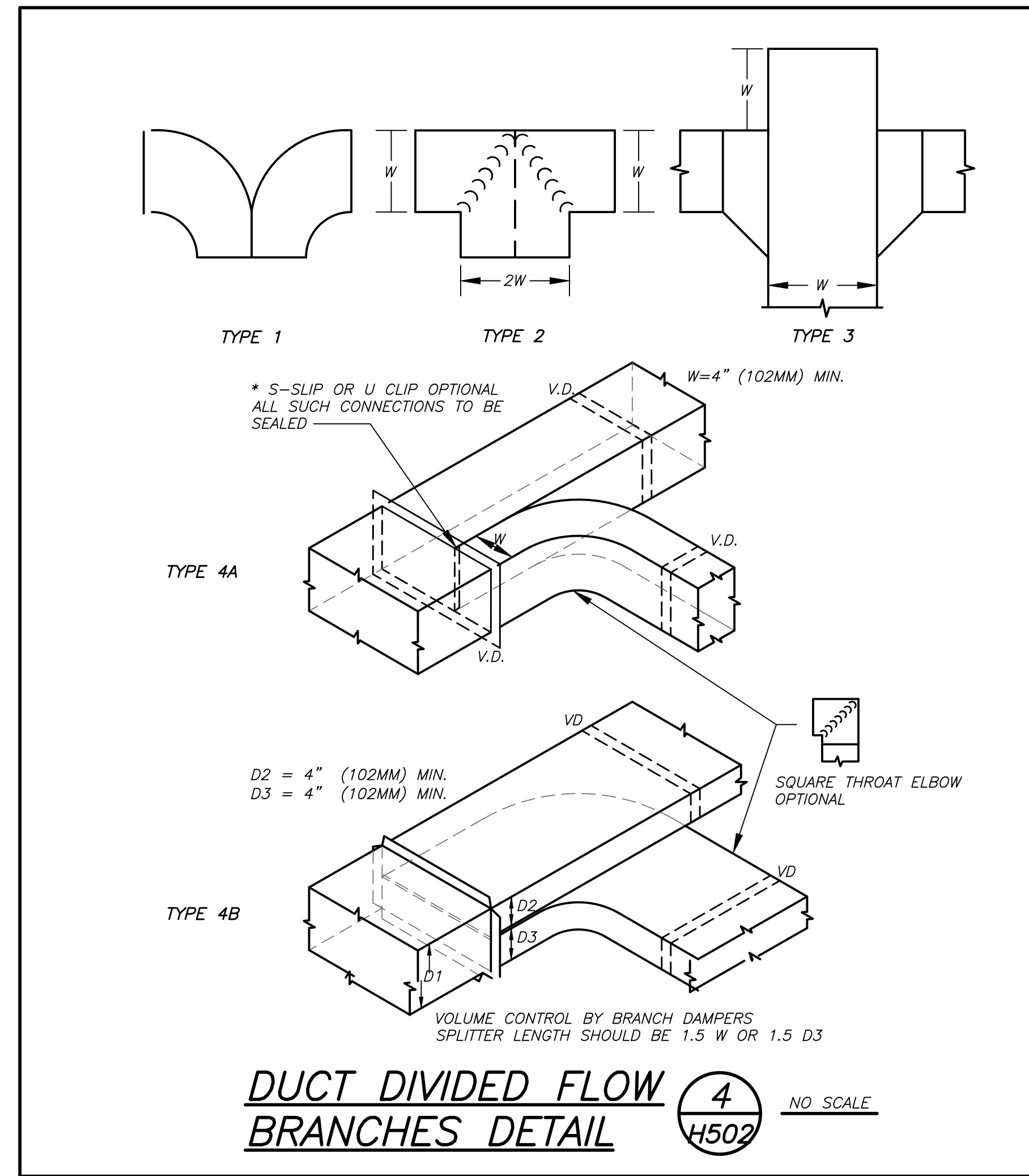
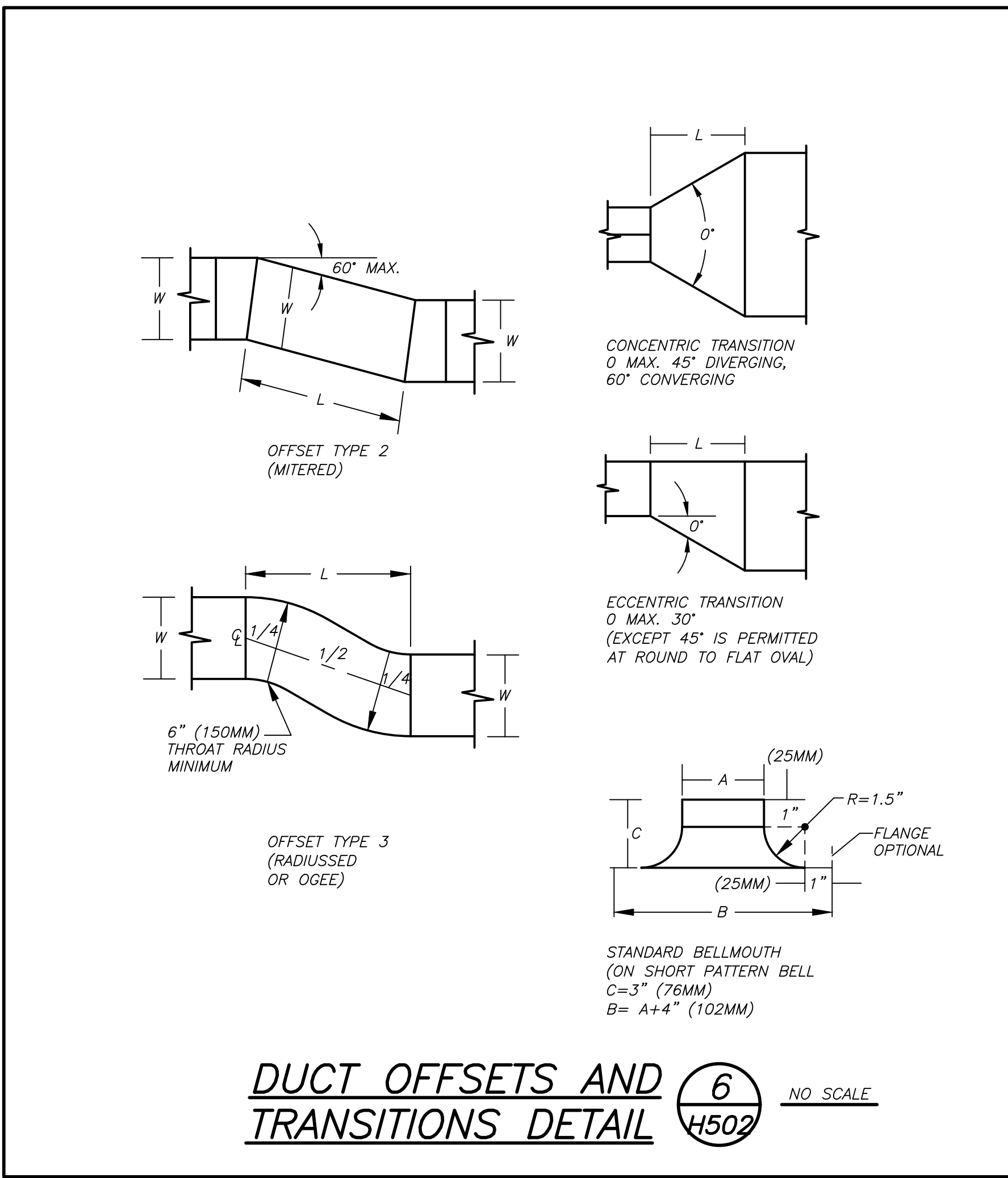
Job No. 2019-1026 Date 11/18/20
Scale AS NOTED Drawn / Checked BC/ABGA
Sheet Number

H501

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



FIN TUBE RADIATION DETAIL 1 NO SCALE
 H502



NOTE: ALL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BAKER BROTHERS. CIVIL ENGINEERS, P.C. (BBA) AND WILL BE GRANTED FOR USE ON THIS PROJECT NONE OF SUCH DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DERIVED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BBA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 18-1.03 OF NEW YORK STATE LAW. COPYRIGHT BAKER BROTHERS, CIVIL ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFIRMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

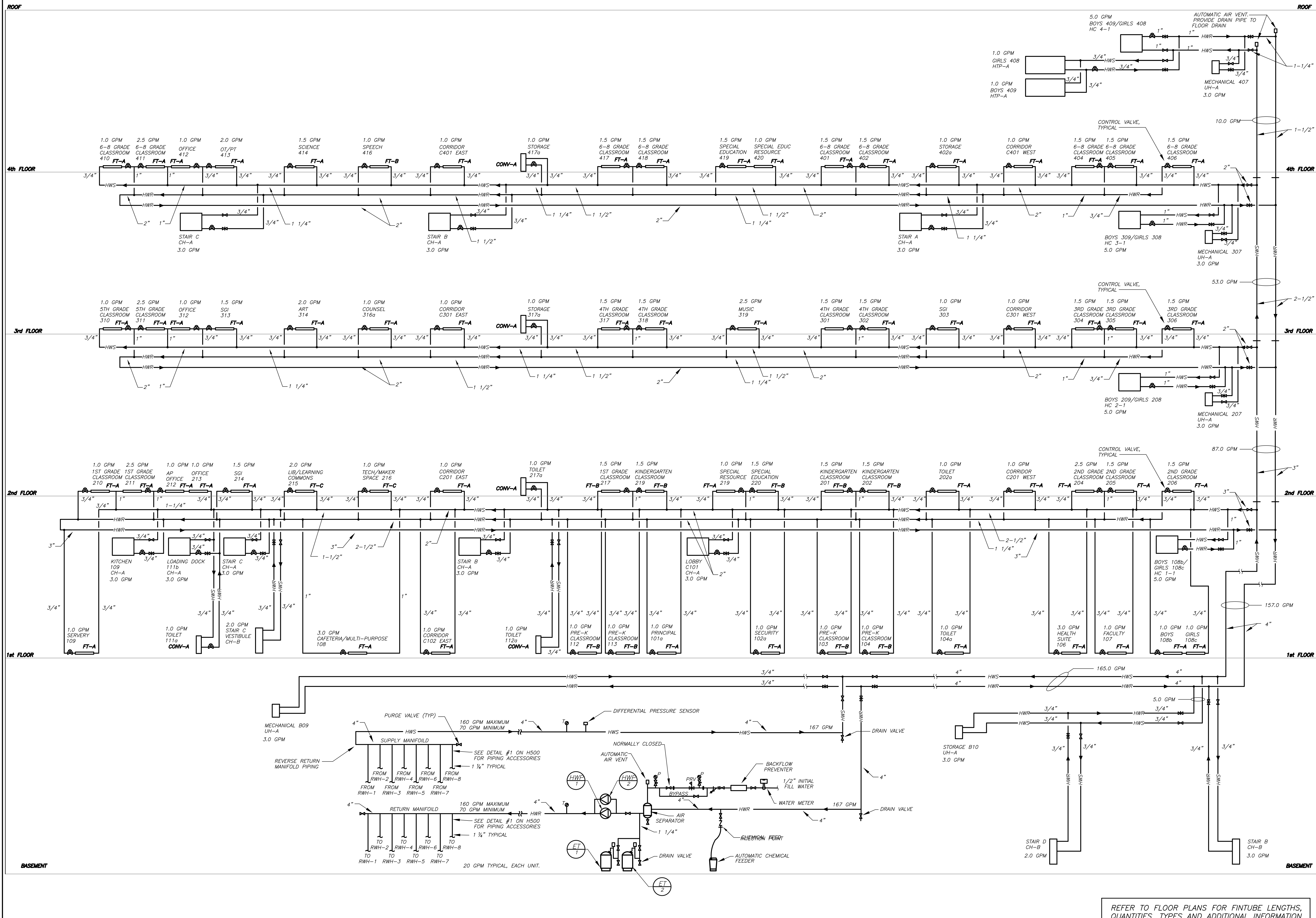
DETAILS

| Job No. | Date |
|-----------|----------|
| 2019-1026 | 11/18/20 |

| Scale | Drawn / Checked |
|----------|-----------------|
| AS NOTED | BCA/BGA |

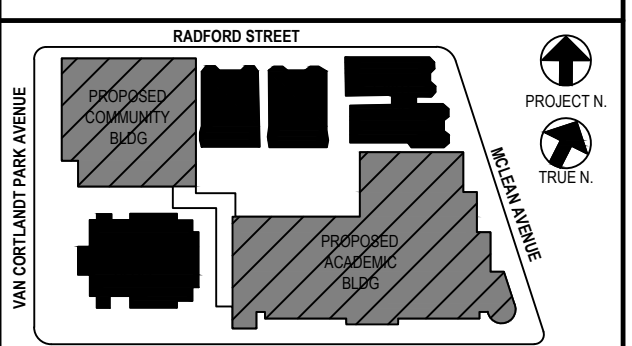
Sheet Number

H502



REFER TO FLOOR PLANS FOR FINITUBE LENGTHS, QUANTITIES, TYPES AND ADDITIONAL INFORMATION.

ACADEMIC BUILDING SCHEMATIC HYDRONIC HEATING RISER DIAGRAM 1/NO SCALE H503



NOTE: ALL LEGAL DESIGN APPROVALS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF WATER GARDEN, A CIVIL ENGINEERING FIRM, WHOSE SERVICES ARE BEING PROVIDED FOR USE ON THIS PROJECT. NONE OF SUCH LEGAL DESIGN APPROVALS OR PLANS SHALL BE USED BY OR DERIVED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF JUDGE.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V, SECTION 88.15(b) OF NEW YORK STATE LAW. COPYRIGHT WATER GARDEN, A CIVIL ENGINEERING FIRM, ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

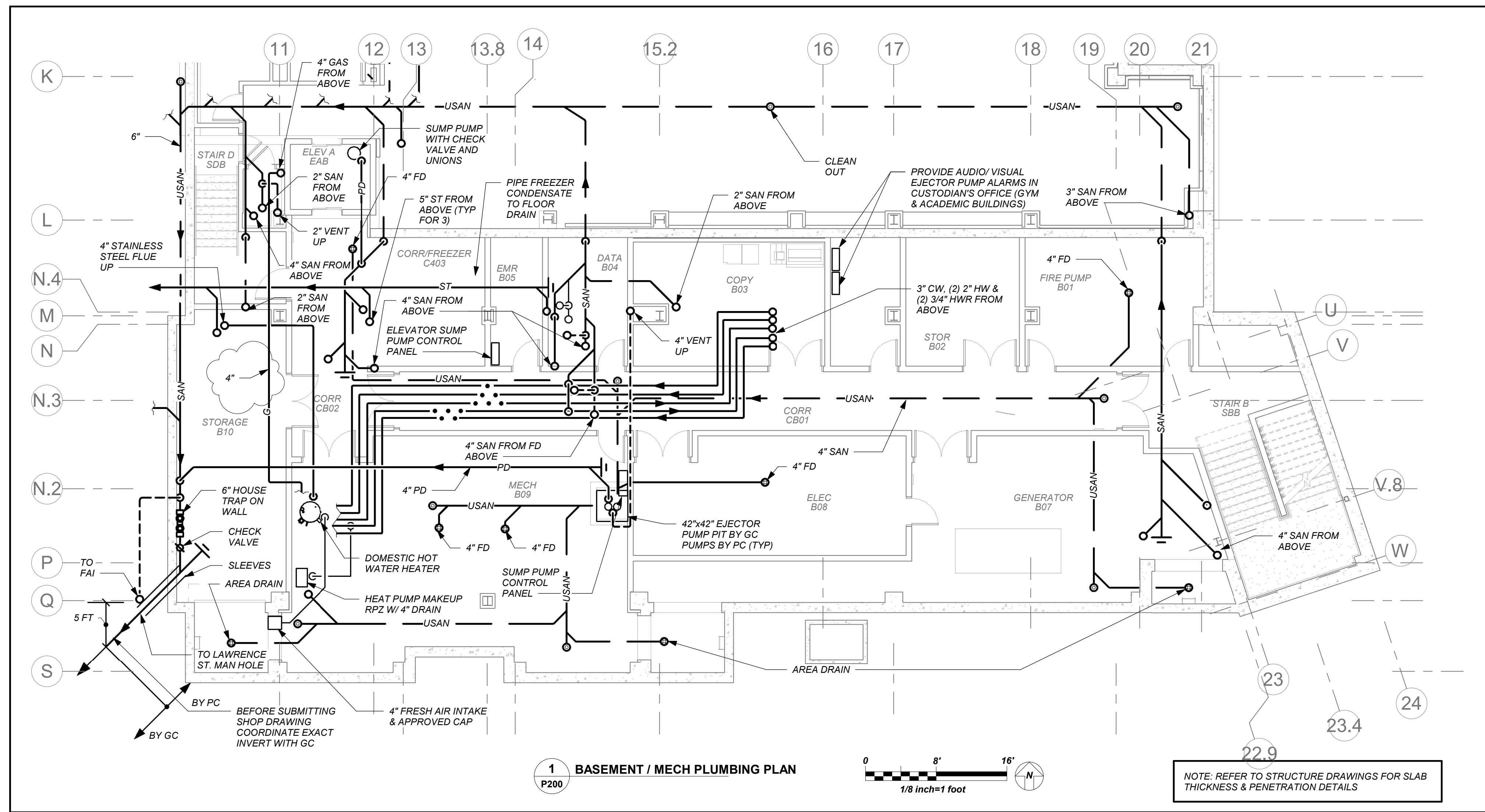
Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 3 | 11/01/2021 | ISSUED TO BID |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 5 | 01/13/2022 | CONFIRMED SET |

ACADEMIC BUILDING SCHEMATIC HYDRONIC HEATING RISER DIAGRAM

| | | | |
|--------------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BCA/BGA |
| Sheet Number | H503 | | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



LEGEND

| | |
|-----|--|
| --- | NEW PIPING, FIXTURES, ETC. |
| --- | COLD WATER PIPING |
| --- | HOT WATER PIPING |
| --- | HOT WATER RETURN PIPING |
| --- | PLUMBING VENT PIPING |
| --- | SAN |
| --- | SANITARY PIPING (UNDERGROUND) |
| --- | PD |
| --- | PUMP DISCHARGE PIPING |
| --- | UPD |
| --- | UNDERGROUND PUMP DISCHARGE PIPING |
| --- | ST |
| --- | STORM PIPING |
| --- | ST (UNDERGROUND) |
| --- | UNINTERRUPTIBLE GAS PIPING |
| --- | UG |
| --- | UNINTERRUPTIBLE GAS PIPING (UNDERGROUND) |
| --- | W |
| --- | WATER SERVICE PIPING |
| --- | F |
| --- | FIRE PROTECTION PIPING |
| --- | SP |
| --- | SPRINKLER PIPING |
| --- | SPRINKLER HEAD |
| --- | FLOW DIRECTION WITHIN PIPE |
| --- | CLEANOUT |
| --- | CLEANOUT DECK PLATE |
| --- | SHUT-OFF VALVE |
| --- | COMBINATION BALANCING & SHUT-OFF VALVE |
| --- | OS & Y VALVE |
| --- | OS & Y VALVE WITH TAMPER SWITCH |
| --- | CHECK VALVE |
| --- | GAS SHUT OFF COCK |
| --- | SIDEWALL SPRINKLER HEAD |
| --- | PIPE CONNS. (BOTTOM: TOP 45 OR 90; PIPE UP) |
| --- | PLUMBING FIXTURE IDENTIFICATION |
| --- | BACKFLOW PREVENTER APPURTENANCE IDENTIFICATION |
| --- | P.C. |
| --- | PLUMBING CONTRACTOR |
| --- | G.C. |
| --- | GENERAL CONTRACTOR |
| --- | HVAC |
| --- | HVAC CONTRACTOR |
| --- | VTR |
| --- | VENT THRU ROOF |
| --- | FAI |
| --- | FRESH AIR INTAKE |
| --- | FD |
| --- | FLOOR DRAIN |
| --- | PRV |
| --- | PRESSURE REDUCING VALVE |
| --- | CIRCULATOR PUMP IDENTIFICATION |
| --- | SUMP PUMP IDENTIFICATION |
| --- | HOT WATER HEATER IDENTIFICATION |
| --- | POINT OF CONNECTION |
| --- | DRAWING, DETAIL, SECTION NUMBER |
| --- | SECTION IDENTIFICATION |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

LIST OF BACKFLOW PREVENTER APPURTENANCES

| MARK | DESCRIPTION |
|------|---|
| 1 | RESILIENT SEATED GATE VALVE |
| 2 | TAMPER PROOF RESILIENT SEATED GATE VALVE WITH TAMPER SWITCH |
| 3 | STRAINER |
| 4 | 4" RPZ BACKFLOW PREVENTER - WATTS SERIES 909 |
| 5 | WATER METER (PER WATER DEPARTMENT) |
| 6 | 2" TEST OUTLET VALVE |
| 7 | PRESSURE REDUCING VALVE |
| 8 | AIR GAP (JR SMITH 3955) |
| 9 | FUNNEL (JR SMITH 3811) |
| 10 | 8" DOUBLE CHECK DETECTOR ASSEMBLY-WATTS SERIES 709 DCDA |

GENERAL NOTES - BACKFLOW PREVENTER:

- LOCATION OF BACKFLOW DEVICES SHALL HAVE ADEQUATE HEAT AND LIGHT.
- BACKFLOW DEVICES SHALL BE PROTECTED FROM FLOODING.
- BACKFLOW DEVICES AND WATER METER SHALL BE TESTED AFTER INSTALLATION.
- OWNER SHALL ARRANGE FOR BACKFLOW DEVICES TO BE TESTED ANNUALLY BY A CERTIFIED TESTER.
- ANY REVISIONS OR ALTERATION OF THESE PLANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE SIGNING ENGINEER IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

BACKFLOW PREVENTER FILING REQUIREMENTS

A. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LICENCED ENGINEER TO FILE ALL APPLICATIONS, PERMITS AND FILING FEES WITH THE AUTHORITIES HAVING JURISDICTION OVER THE WORK.

B. THE FOLLOWING LIST SERVES AS THE MINIMUM FILING REQUIREMENTS. FAILURE TO LIST ANY ITEM DOES NOT RELIEVE THE CONTRACTOR FROM FULFILLING THAT REQUIREMENT.

- CERTIFICATE OF RESOLUTION OF LETTER OF AUTHORIZATION FROM OWNER/USER TO AUTHORIZE LICENCED PROFESSIONAL TO EXECUTE FILING.
- PREPARE AND SUBMIT FORM DOH-347 WITH PLANS, PROFESSIONAL ENGINEERS REPORT AND SPECIFICATIONS WITH ENGINEER'S SEAL, FILE WITH HEALTH DEPARTMENT AND WATER DEPARTMENT.
- FILING FEES, PER DEVCE.
- EVIDENCE OF CONFORMANCE TO NEW YORK STATE SANITARY CODE, PART 5 AND CHAPTER 873 OF THE LAWS OF WESTCHESTER COUNTY.

PLUMBING FIXTURE SCHEDULE

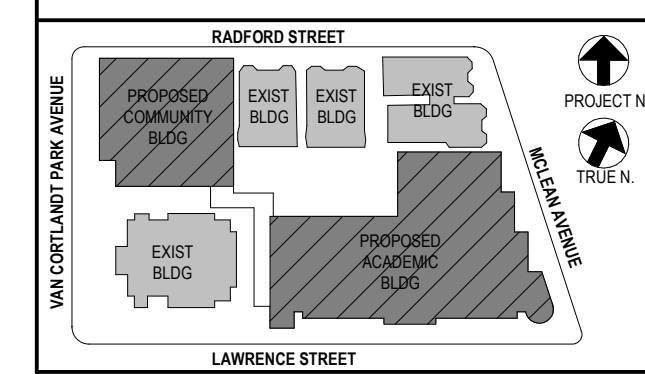
| MARK | DESCRIPTION | BRANCH SIZE | | | |
|------|--|-------------|--------|------|------|
| | | W | V | F | C |
| A1 | WALL MOUNTED WATER CLOSET (FLUSH VALVE) | 4" | 2" | - | 1" |
| A2 | WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED) | 4" | 2" | - | 1" |
| A3 | FLOOR MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED) | 4" | 2" | - | 1" |
| A4 | FLOOR MOUNTED CHILDS WATER CLOSET (FLUSH VALVE) | 4" | 2" | - | 1" |
| B1 | SINGLE SINK UNIT (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B2 | DOUBLE SINK UNIT (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B3 | TRIPPLE SINK UNIT (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B4 | COUNTERTOP CLASSROOM SINK (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B5 | MAKER SPACE SINK | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B6 | HEALTH SUITE SINK (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B7 | ART SINK (SINGLE) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B8 | FACULTY SINK (HANDICAPPED) | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B9 | MUSIC ROOM SINK | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| B10 | PRE-K/ K SINK | 1-1/2" | 1-1/2" | 1/2" | 1/2" |
| C | URINAL - WALL MOUNTED | 3" | 2" | - | 1/2" |
| D1 | SINGLE WATER COOLER (HANDICAPPED) W/ BOTTLE FILL | 2" | 1-1/2" | - | 1/2" |
| D2 | DOUBLE WATER COOLER (HANDICAPPED) W/ BOTTLE FILL | 2" | 1-1/2" | - | 1/2" |
| D3 | DOUBLE BOTTLE FILLING STATION | 2" | 1-1/2" | - | 1/2" |
| E | MOP RECEPTOR | 3" | 3" | 3/4" | 3/4" |
| F | SHOWER | 2" | 1-1/2" | 1/2" | 1/2" |
| G1 | LABORATORY COUNTER MOUNTED SINK | 2" | 1-1/2" | - | 1/2" |
| G2 | LABORATORY COUNTER MOUNTED SINK (TEACHERS) | 2" | 1-1/2" | 1/2" | 1/2" |
| H | EYE WASH | 2" | 1-1/2" | 1/2" | 1/2" |

BUILDING STRUCTURE FIREPROOFING:

THE BUILDING STRUCTURE WILL BE PROTECTED BY 2" FIREPROOFING THROUGHOUT. THIS CONTRACTOR SHALL ISSUE COORDINATION DRAWINGS ACCORDING TO THE STRICT SCHEDULE OUTLINED IN THE "FRONT END" DOCUMENTS. ALL HANGERS FOR PIPING, CONDUIT, DUCTWORK, EQUIPMENT, ETC. MUST BE IN PLACE BEFORE FIREPROOFING TAKES PLACE. THE INSTALLATION OF HANGERS AFTER THE FACT THAT REQUIRES THE RE-APPLICATION OF FIREPROOFING WILL BE AT THE EXPENSE OF THIS CONTRACTOR.

BASEMENT WATERPROOFING:

REFER TO STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR SLAB/ WALL THICKNESS AND PENETRATION DETAILS. COORDINATE WITH G.C.



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, INC. (BGA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENCED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR REGISTERED PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 19, SECTION 17-150 OF NEW YORK STATE LAW. COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, INC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/01/2021 | ADDENDUM 3 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Legend, Schedule, Notes and Basement Floor Plumbing Plan

Job No. 2019-1026 Date 11/18/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

P200

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

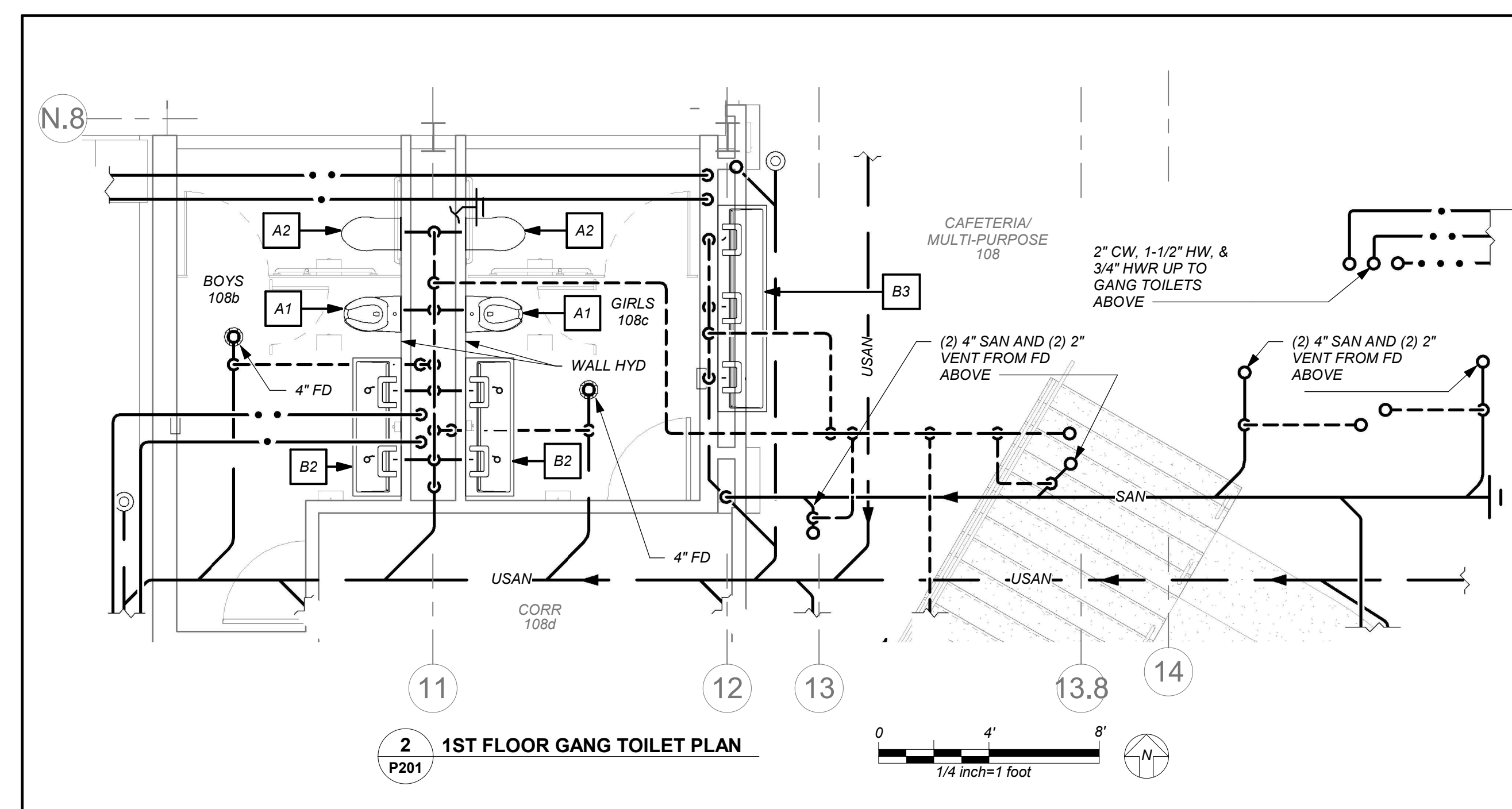
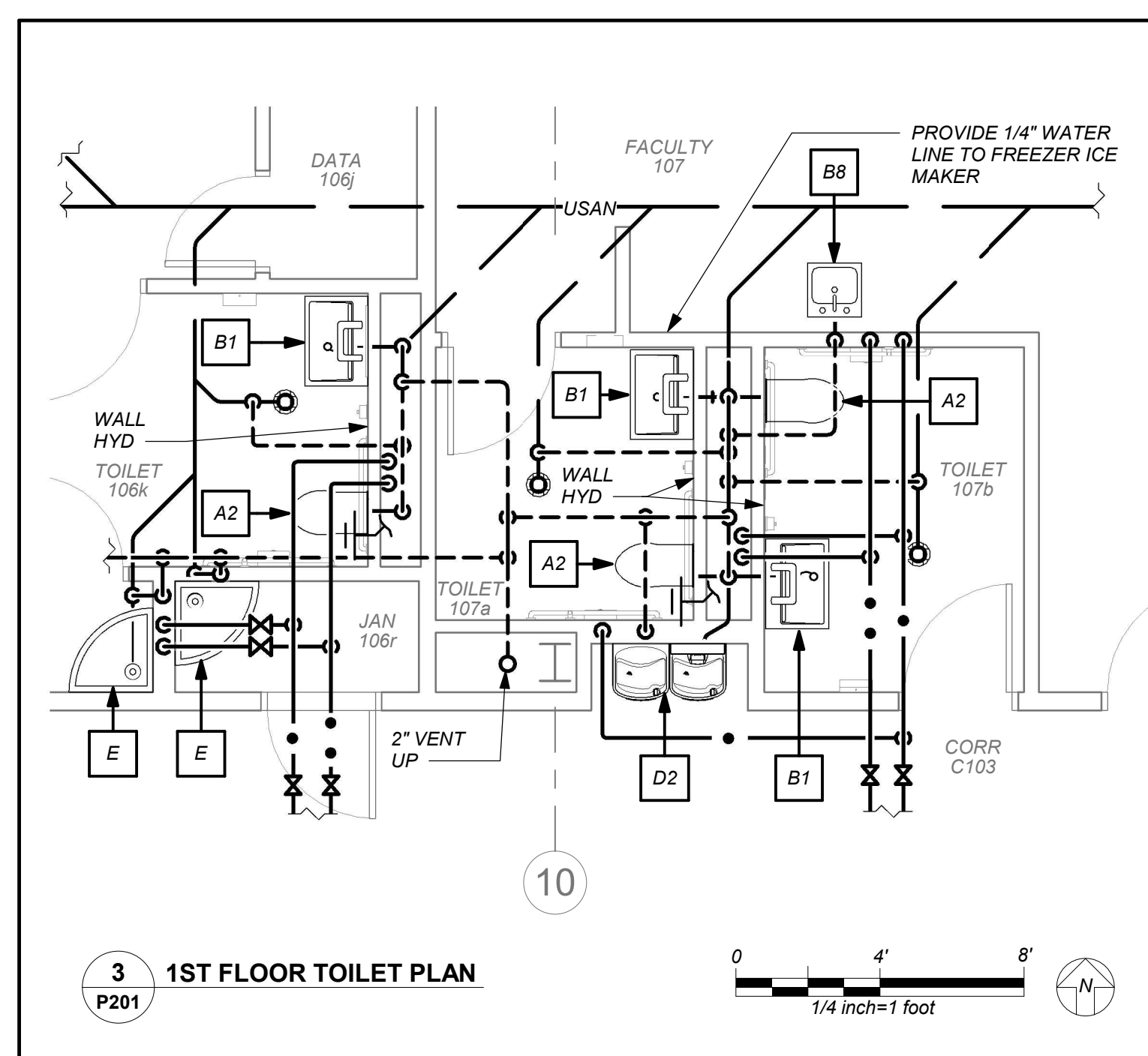
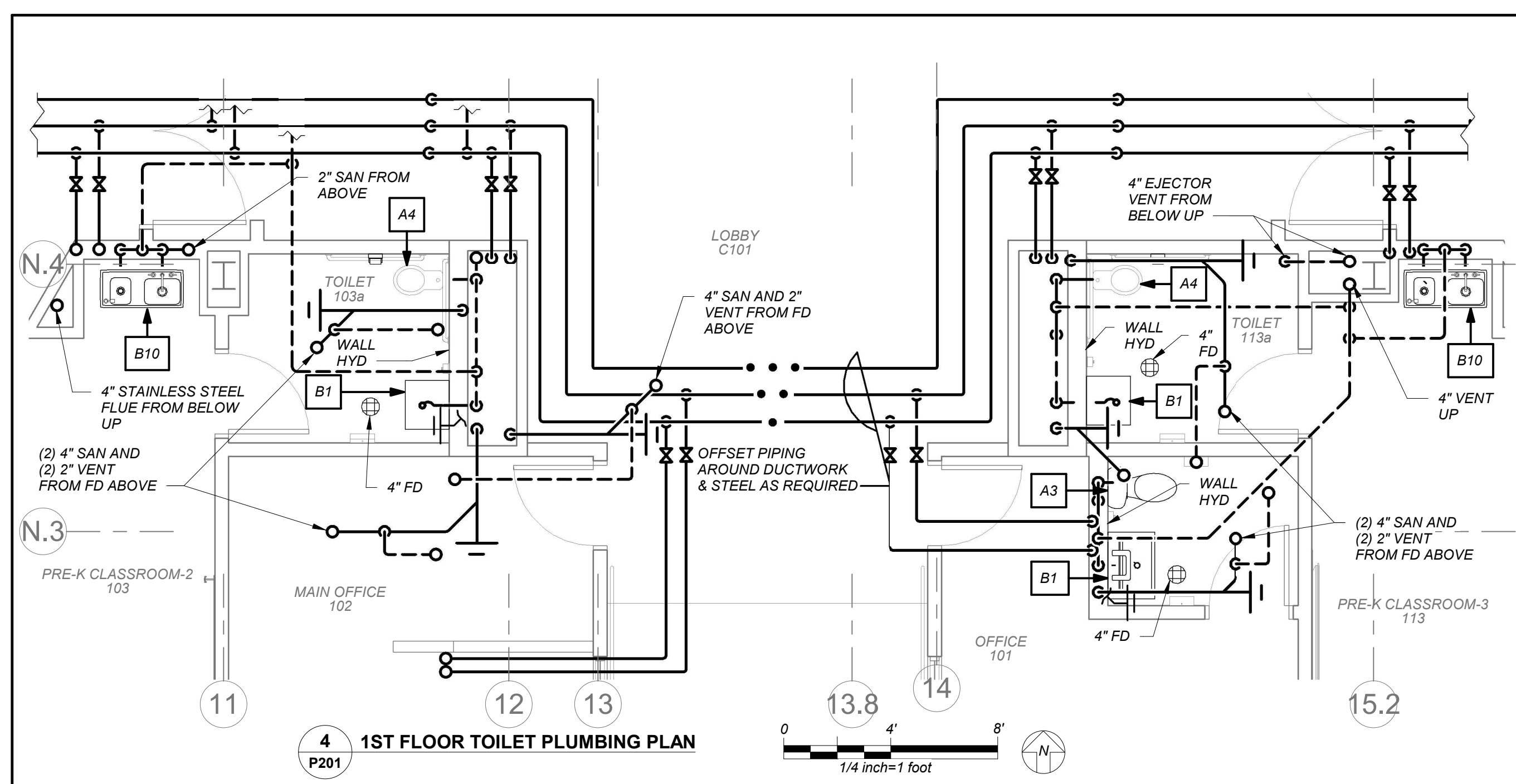
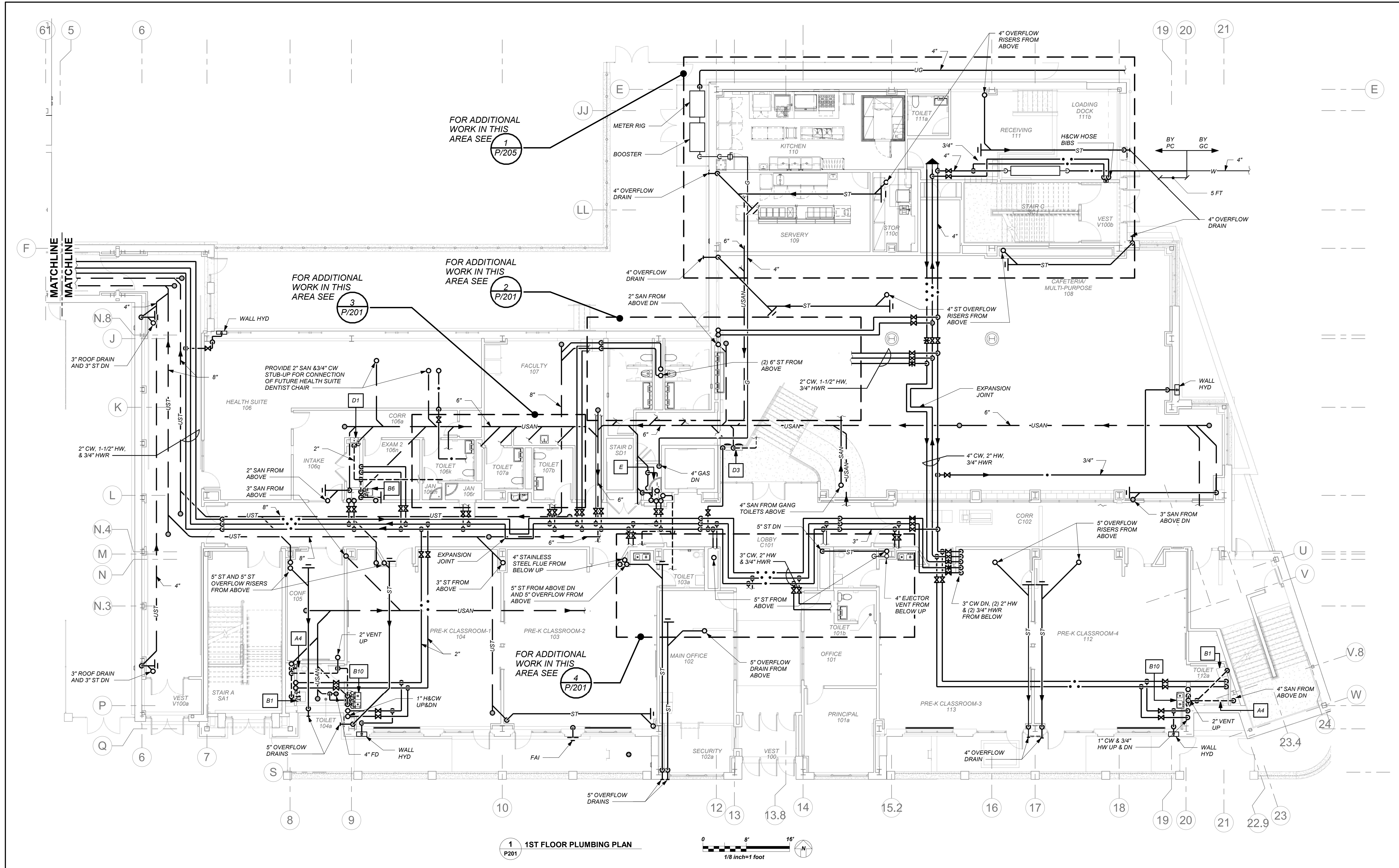
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bgga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
PL126.009 GENERAL@BGGA-ENG.COM WWW.BGGA-ENG.COM



NOTE: ALL LOCAL, REGIONAL, STATEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

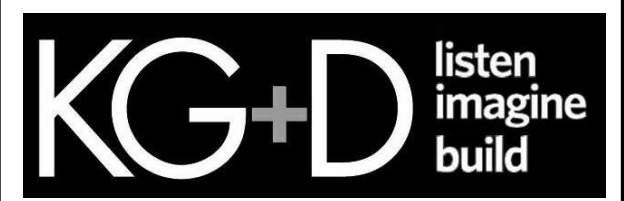
Sheet Title
1st Floor Plan

Job No. 2019-1026 Date 11/18/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
P201

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



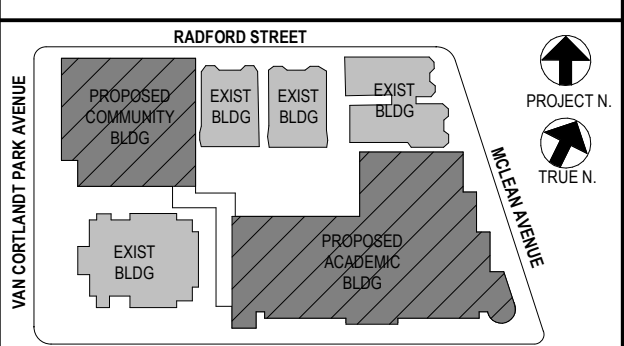
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.238.0999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL, REGIONAL, STATEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBERT & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSER WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLABLED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. IF DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 24, SECTION 24-205 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBERT & ASSOCIATES ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

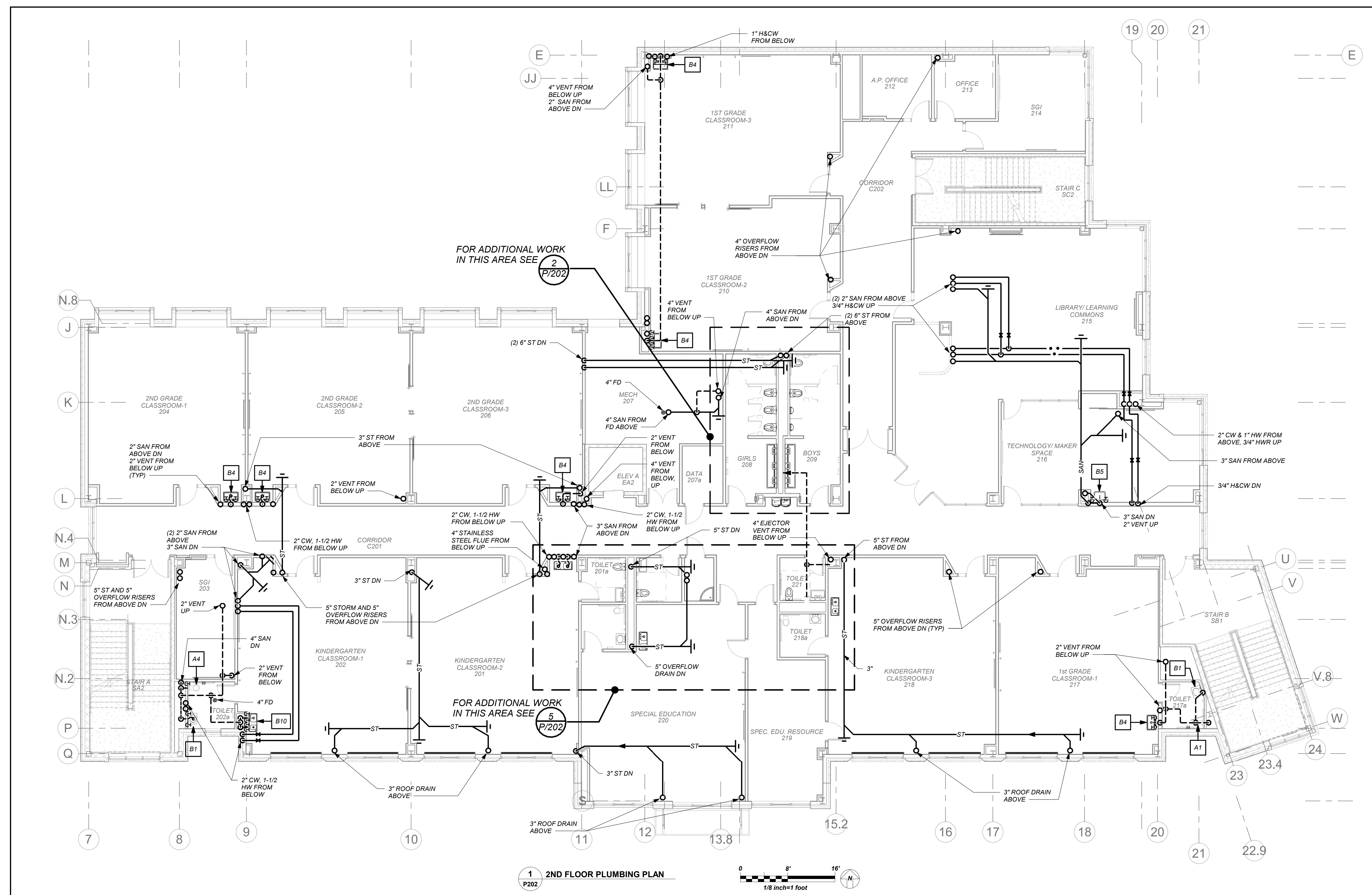
2nd Floor Plan

Job No. 2019-1026 Date 11/16/20

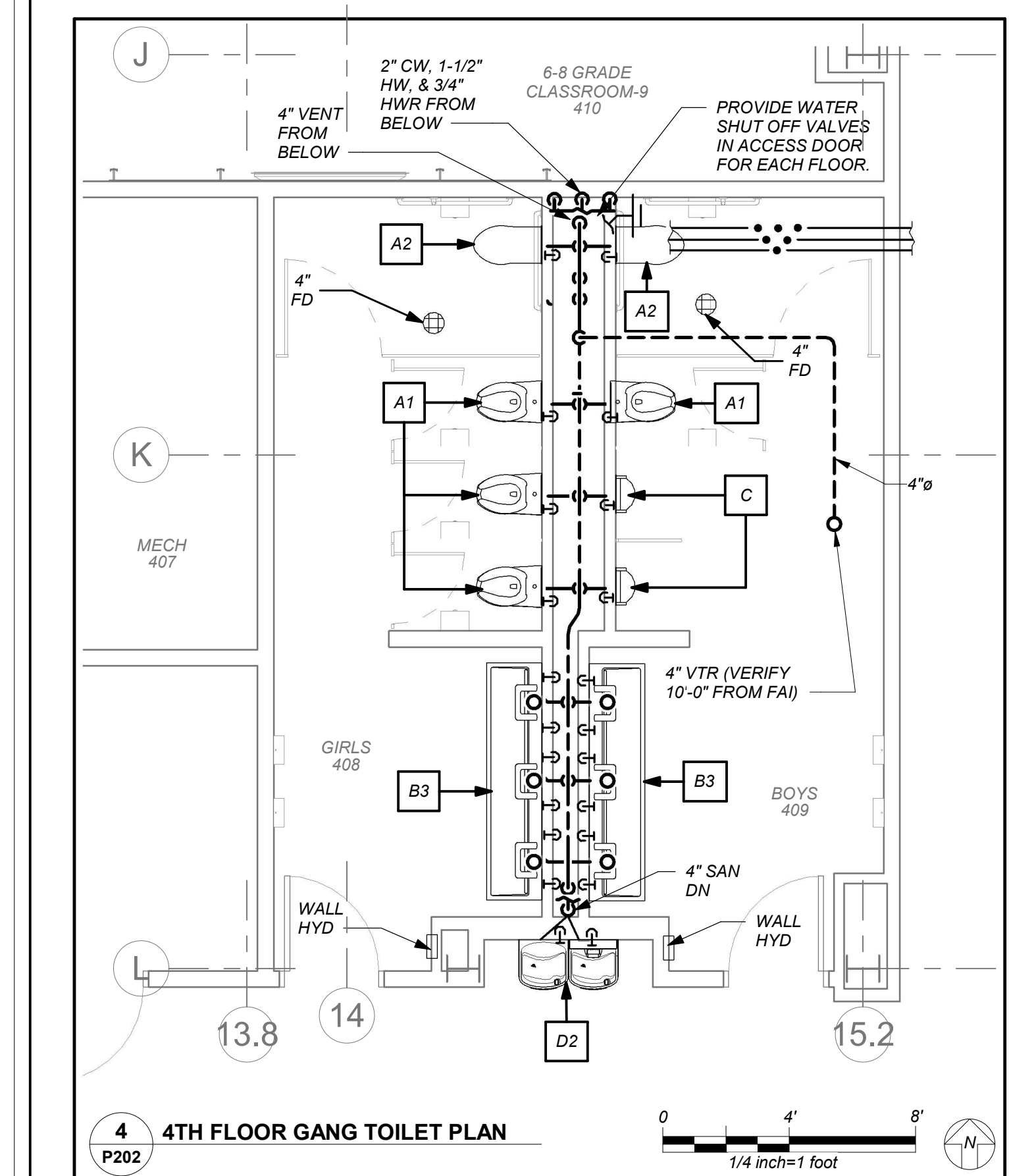
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number

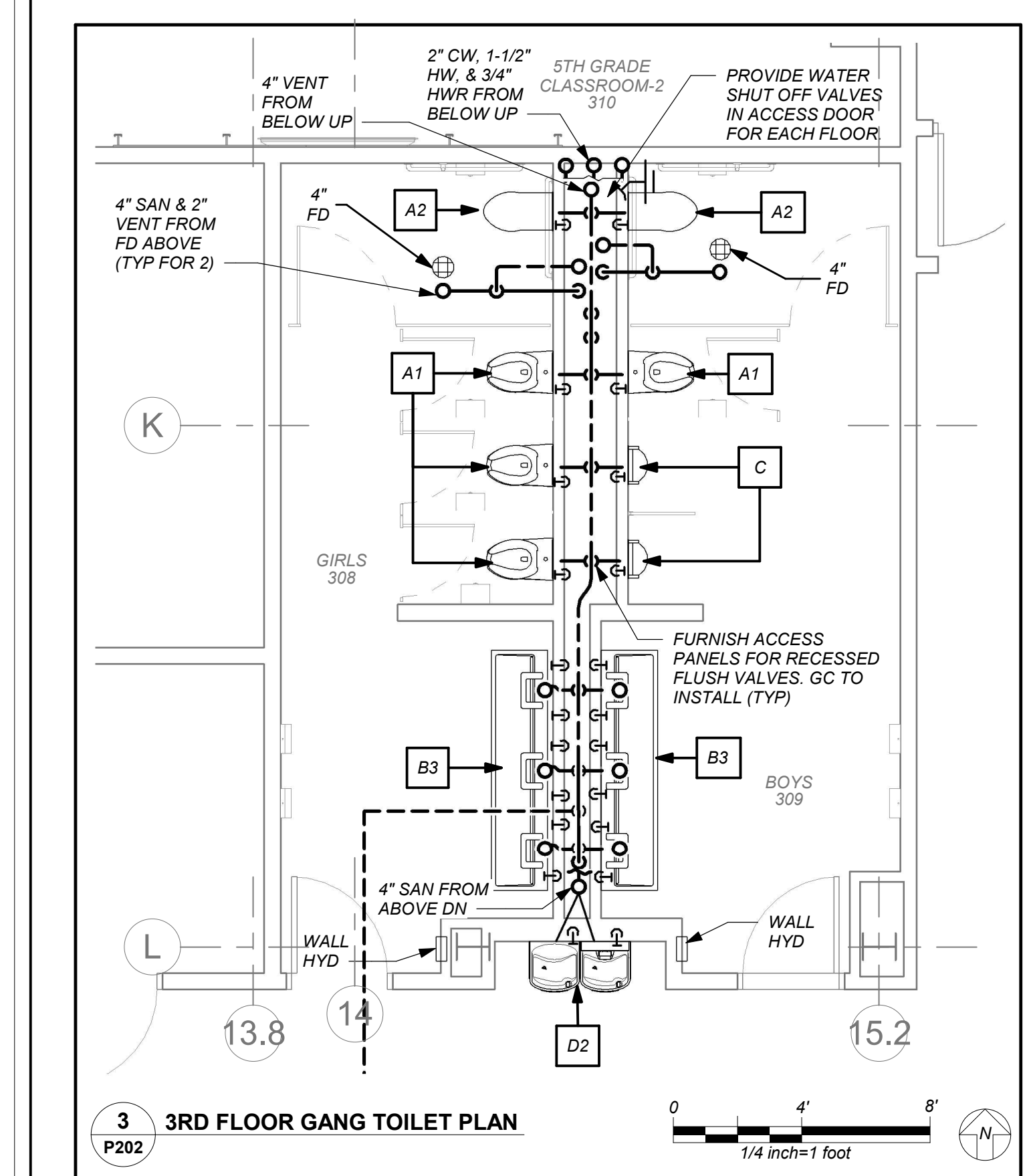
P202



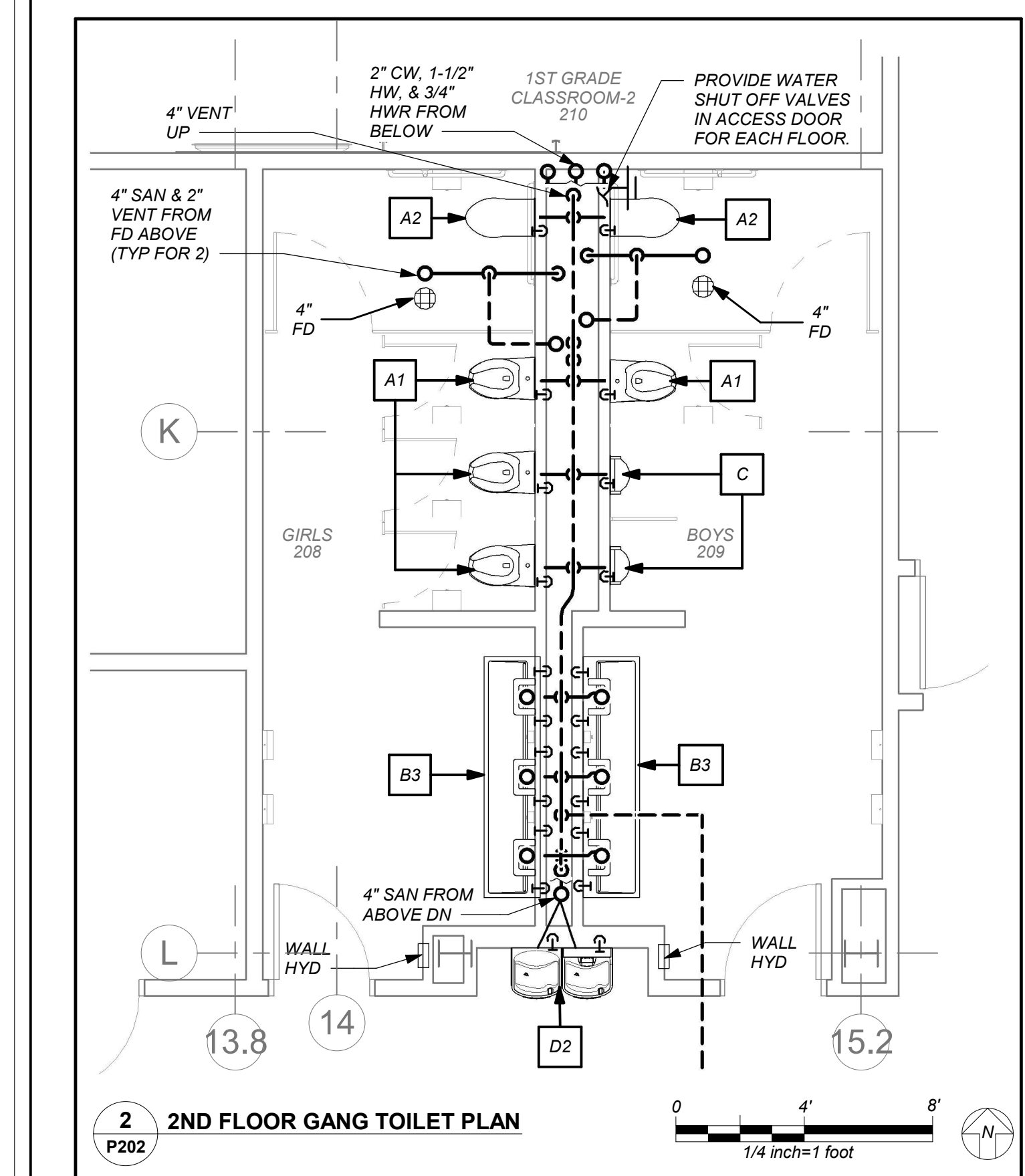
1 2ND FLOOR PLUMBING PLAN
P202
1/8 inch=1 foot



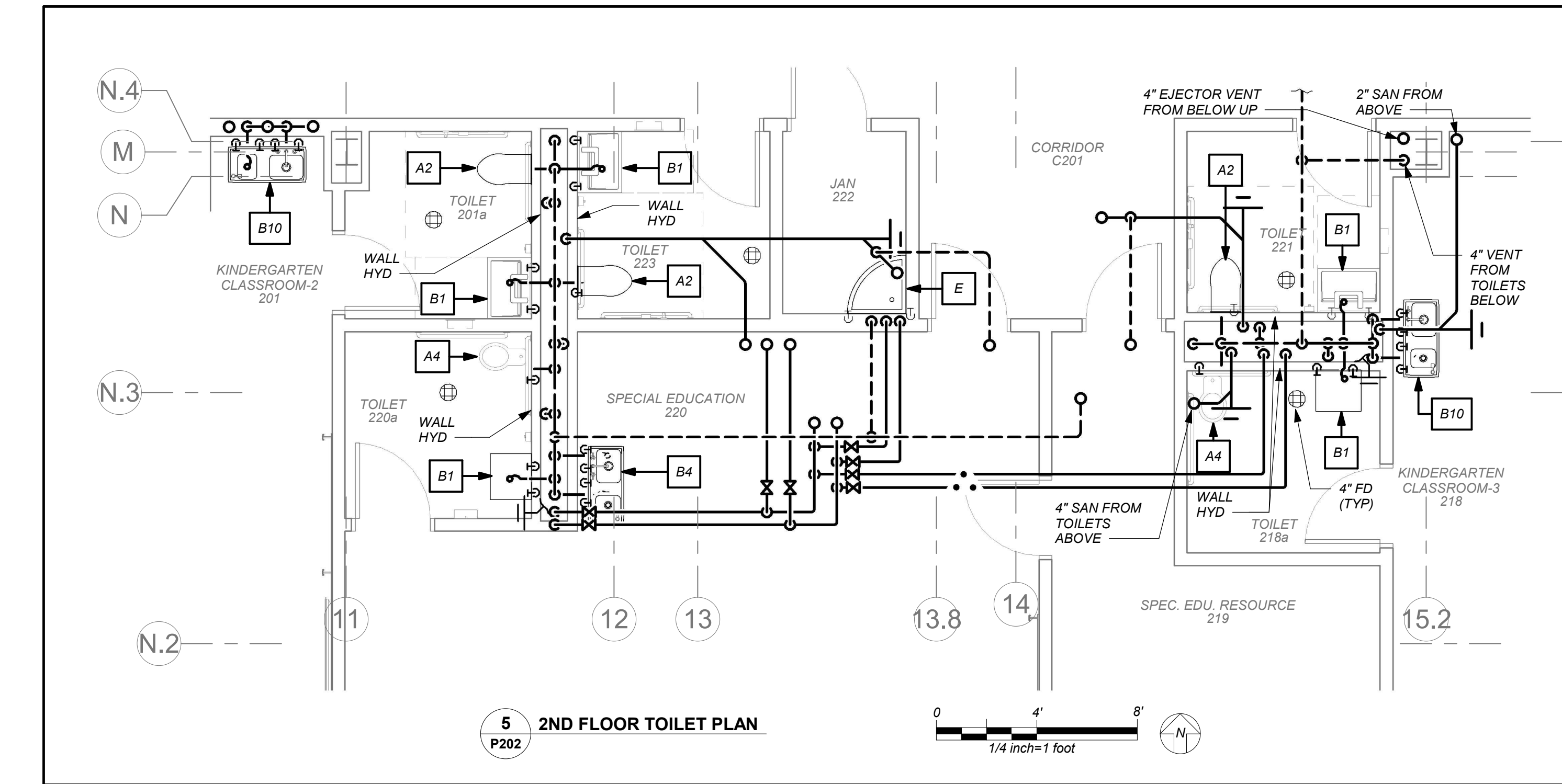
4 4TH FLOOR GANG TOILET PLAN
P202
1/4 inch=1 foot



3 3RD FLOOR GANG TOILET PLAN
P202
1/4 inch=1 foot



2 2ND FLOOR GANG TOILET PLAN
P202
1/4 inch=1 foot

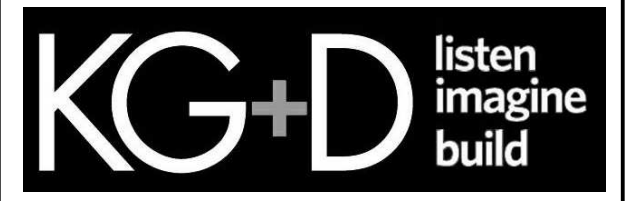


5 2ND FLOOR TOILET PLAN
P202
1/4 inch=1 foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



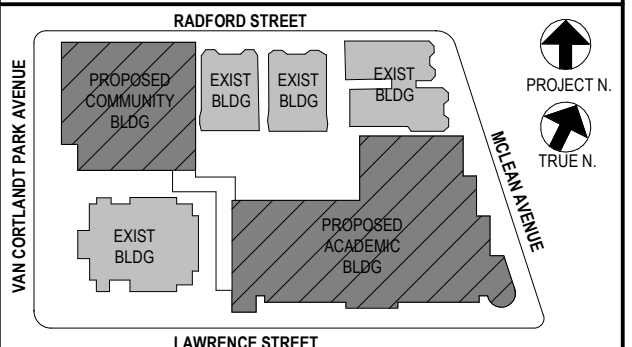
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL, REGIONAL, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

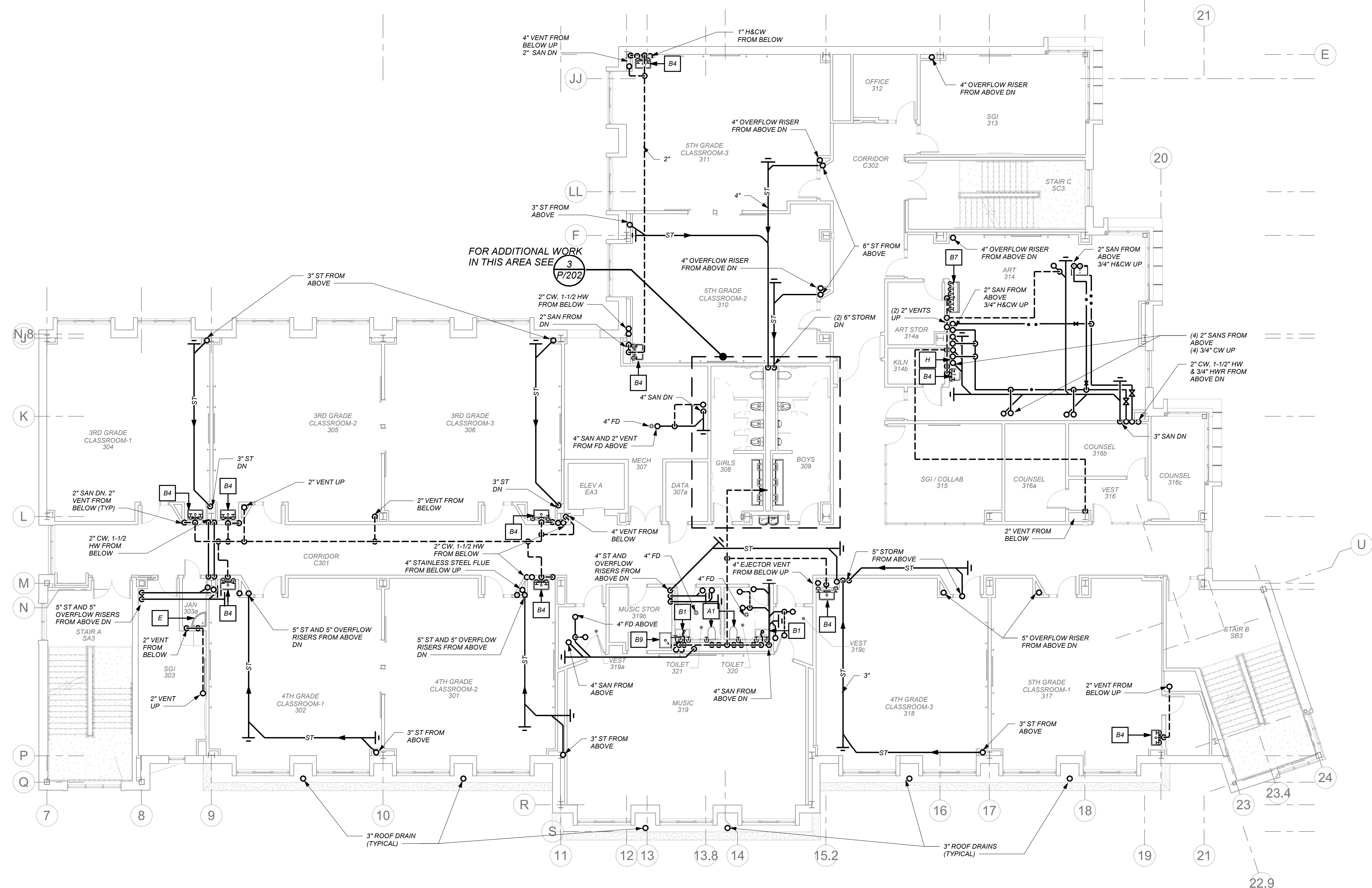
3rd Floor Plan

Job No. 2019-1026 Date 11/19/20

Scale AS NOTED Drawn / Checked BGA / BGA

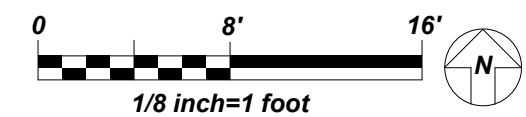
Sheet Number

P203



FOR ADDITIONAL WORK IN THIS AREA SEE P/202

1 3RD FLOOR PLUMBING PLAN



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



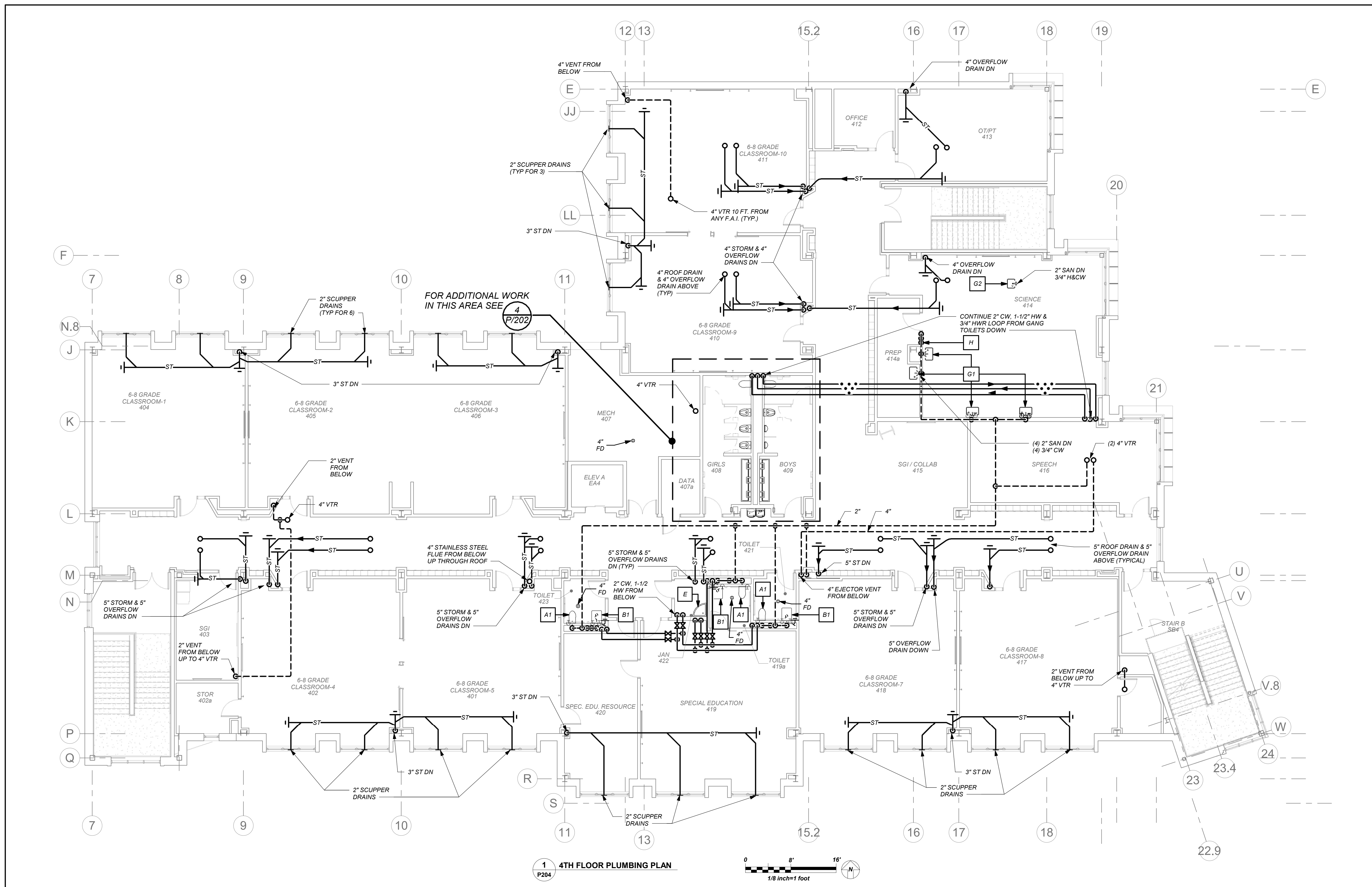
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

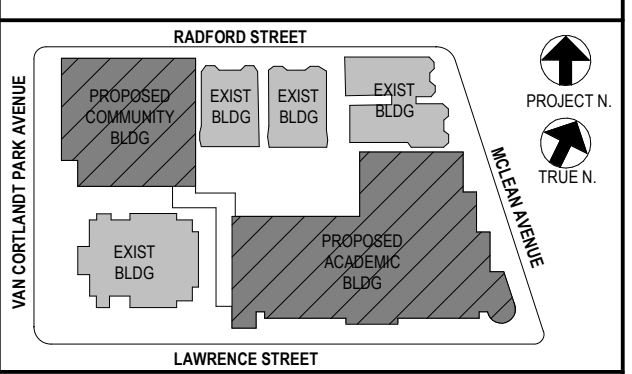
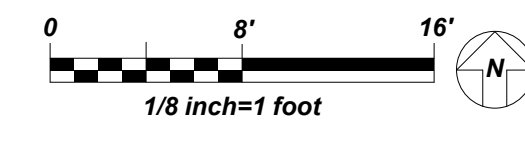
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P-914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 4TH FLOOR PLUMBING PLAN
P204



NOTE: ALL LOCAL ZONING ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING AND ARE THE PROPERTY OF ANKER GARBETT & SHAWSON ARCHITECTS PC. THESE ARRANGEMENTS ARE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH ZONING, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSER WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & SHAWSON ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

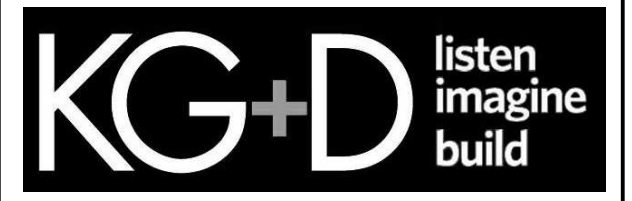
| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| Sheet Title | |
|----------------|-----------------|
| 4th Floor Plan | |
| Job No. | Date |
| 2019-1026 | 11/18/20 |
| Scale | Drawn / Checked |
| AS NOTED | BGA / BGA |
| Sheet Number | |
| P204 | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

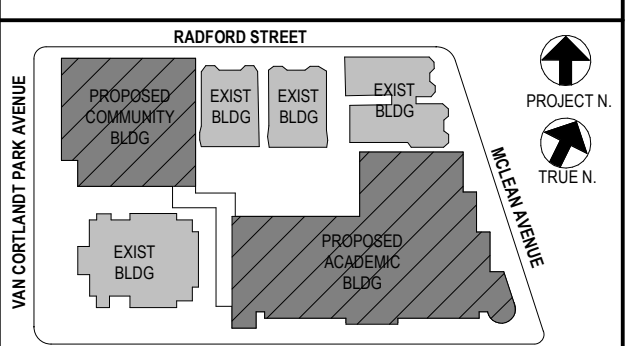
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
39 MARBLE AVE. PLEASANTVILLE, NY 10570
914.236.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS, P.C. THESE ARCHITECTS HAVE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL ORDINANCES, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANKER GARDNER & SHAWSON ARCHITECTS, P.C.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 18, SECTION 18-1.5 OF THE NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

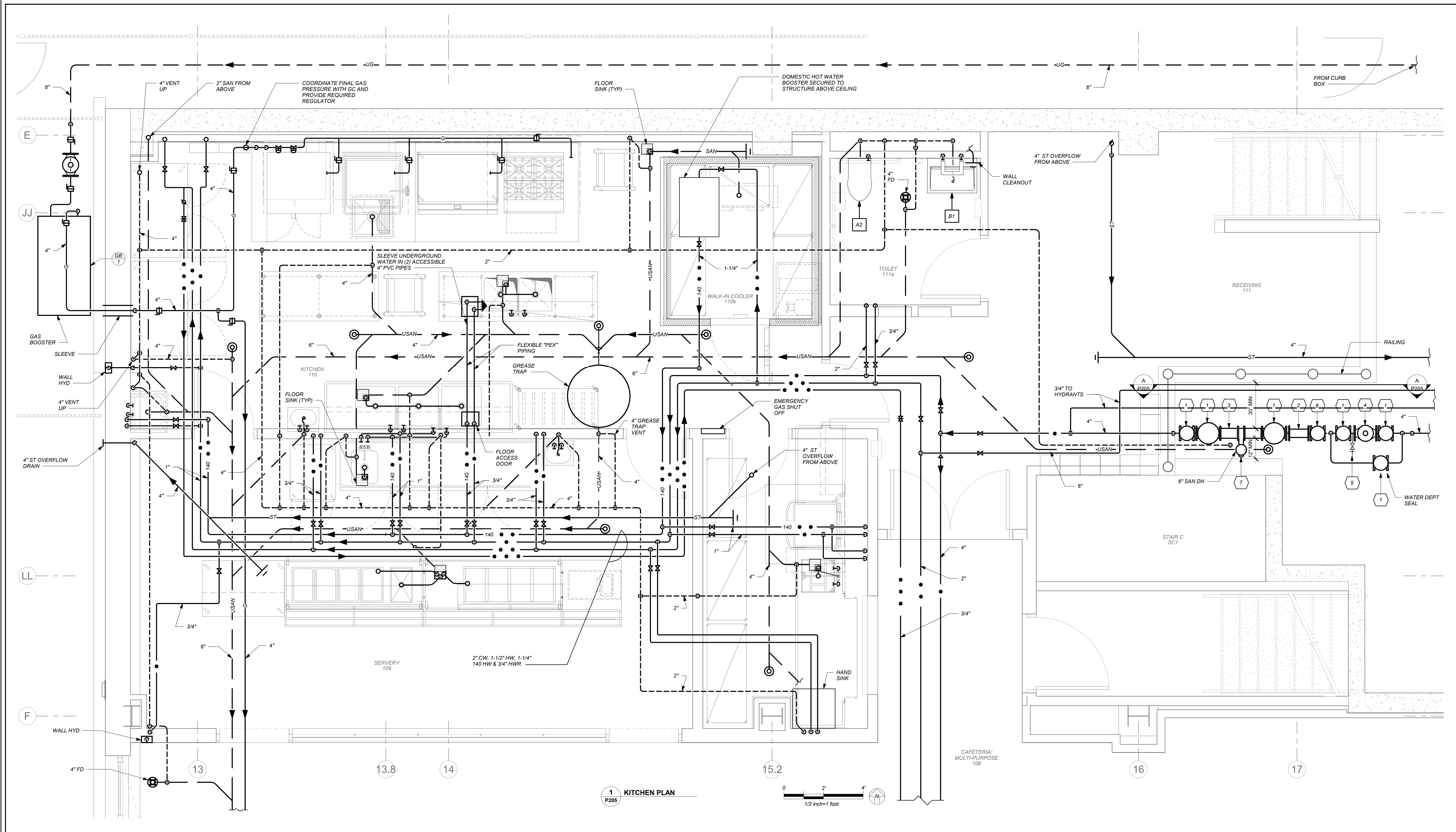
1st Floor Kitchen Plan

Job No. 2019-1026 Date 06/10/21

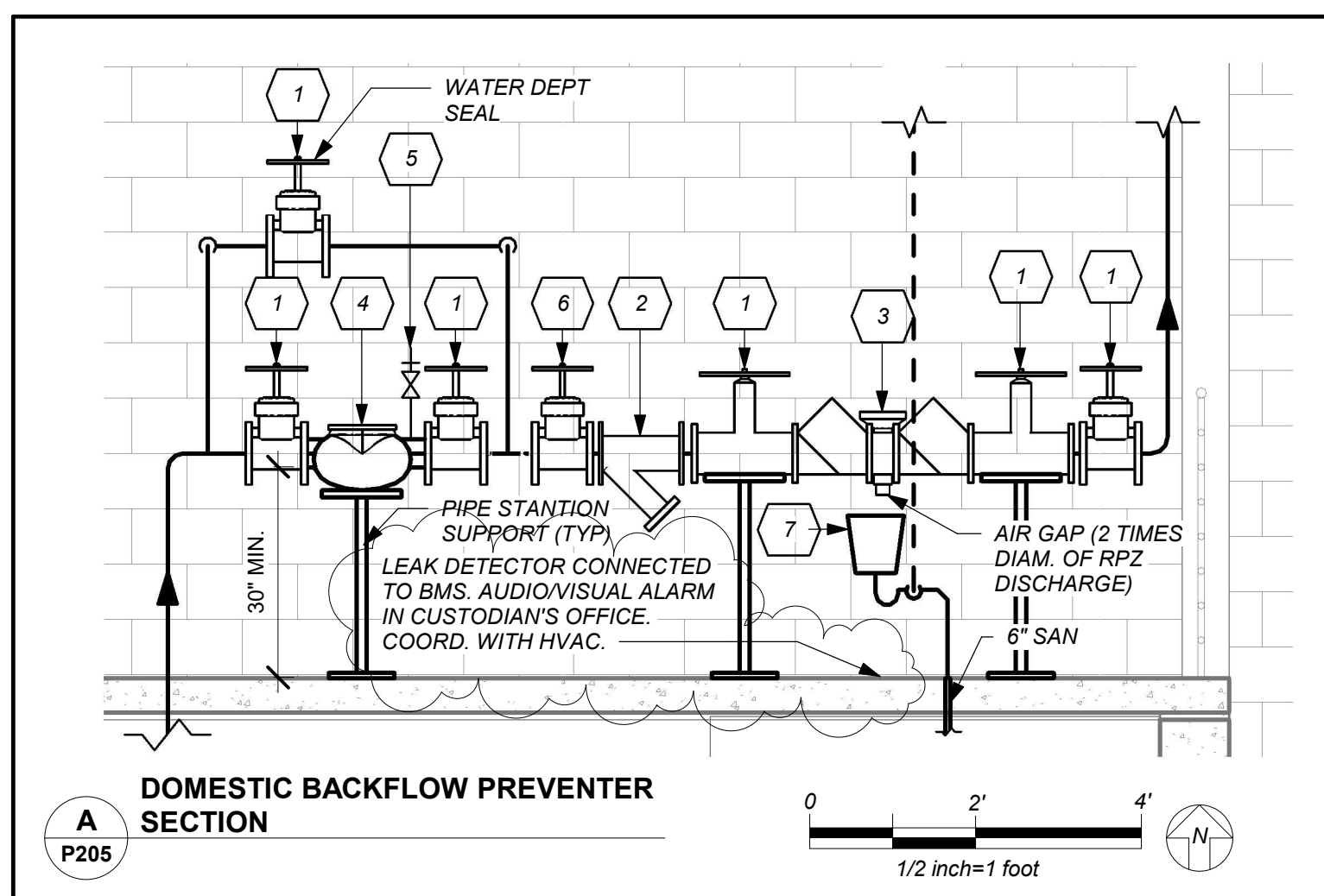
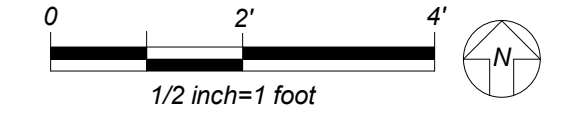
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number

P205



1 KITCHEN PLAN
P205



A DOMESTIC BACKFLOW PREVENTER SECTION
P205

- GENERAL NOTES:**
1. LOCATION OF BACKFLOW DEVICES SHALL HAVE ADEQUATE HEAT AND LIGHT.
 2. BACKFLOW DEVICES SHALL BE PROTECTED FROM FLOODING.
 3. BACKFLOW DEVICES AND WATER METER SHALL BE TESTED AFTER INSTALLATION.
 4. OWNER SHALL ARRANGE FOR BACKFLOW DEVICES TO BE TESTED ANNUALLY BY A CERTIFIED TESTER.
 5. ANY REVISIONS OR ALTERATION OF THESE PLANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE SIGNING ENGINEER IS A VIOLATION OF SECTION 2209 OF THE NEW YORK STATE EDUCATION LAW.

- BACKFLOW PREVENTER FILING REQUIREMENTS**
- A. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LICENSED ENGINEER TO FILE ALL APPLICATIONS, PERMITS AND FILING FEES WITH THE AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- B. THE FOLLOWING LIST SERVES AS THE MINIMUM FILING REQUIREMENTS. FAILURE TO LIST ANY ITEM DOES NOT RELIEVE THE CONTRACTOR FROM FULFILLING THAT REQUIREMENT.
1. CERTIFICATE OF RESOLUTION OF LETTER OF AUTHORIZATION FROM OWNER/USER TO AUTHORIZE LICENSED PROFESSIONAL TO EXECUTE FILING.
 2. PREPARE AND SUBMIT FORM DOH-347 WITH PLANS, PROFESSIONAL ENGINEERS REPORT AND SPECIFICATIONS WITH ENGINEER'S SEAL. FILE WITH HEALTH DEPARTMENT AND WATER DEPARTMENT.
 3. FILING FEES, PER DEVICE.
 4. EVIDENCE OF CONFORMANCE TO NEW YORK STATE SANITARY CODE, PART 5 AND CHAPTER 873 OF THE LAWS OF WESTCHESTER COUNTY.

LIST OF BACKFLOW PREVENTER APPURTENANCES

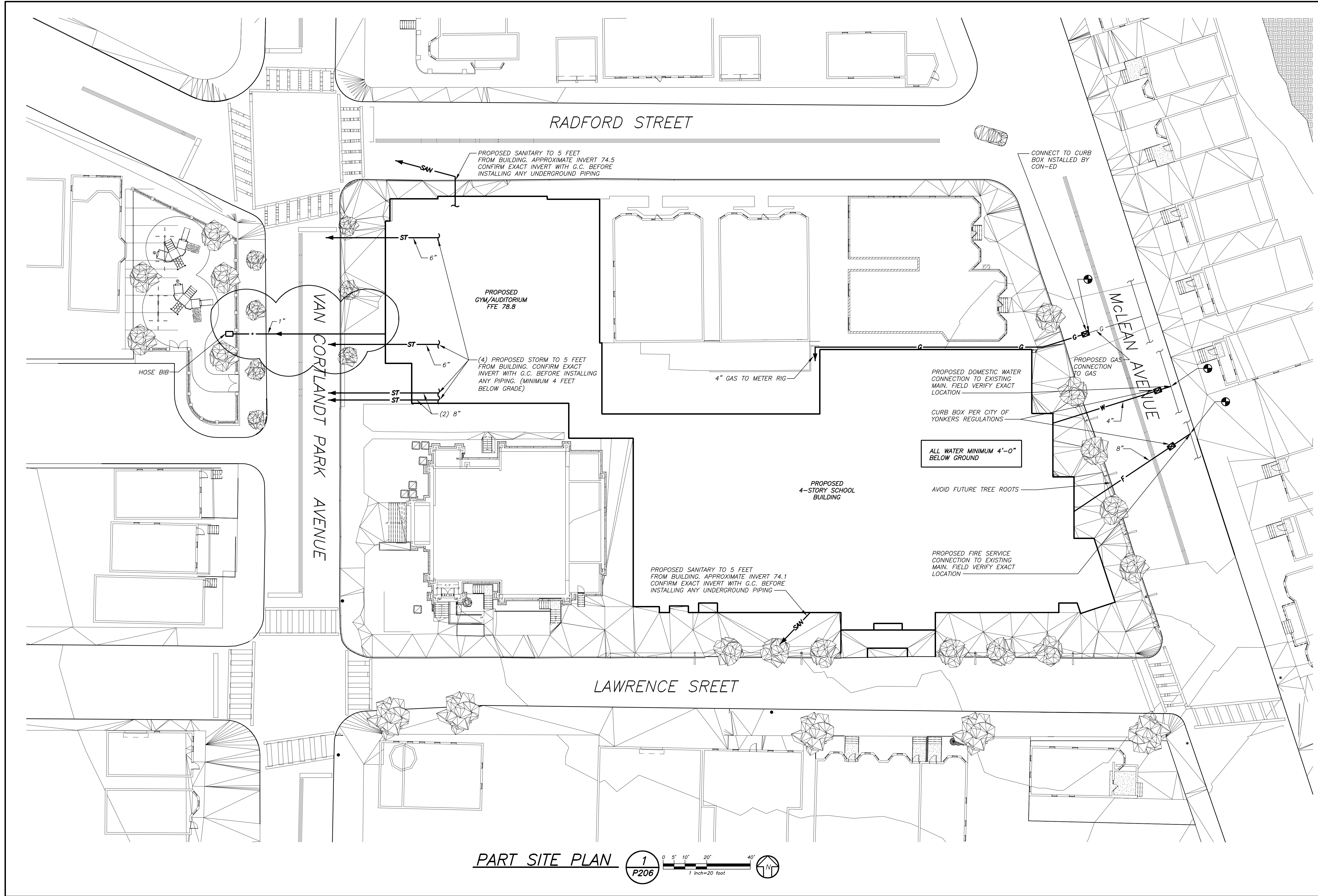
| MARK | DESCRIPTION |
|------|---|
| 1 | RESILIENT SEATED GATE VALVE |
| 2 | TAMPER PROOF RESILIENT SEATED GATE VALVE WITH TAMPER SWITCH |
| 3 | STRAINER |
| 4 | 4" RPZ BACKFLOW PREVENTER - WATTS SERIES LF909 |
| 5 | WATER METER (PER WATER DEPARTMENT) |
| 6 | 2" TEST OUTLET VALVE |
| 7 | PRESSURE REDUCING VALVE |
| 8 | 12" FUNNEL (JR SMITH 3811) |
| 9 | 8" DOUBLE CHECK DETECTOR ASSEMBLY-WATTS SERIES LF709 DCDA |

SIMPLEX PACKAGED GAS BOOSTER SYSTEM SCHEDULE

| MARK | LOCATION | BOOSTER INFORMATION AND PERFORMANCE | | | BOOSTER MOTOR INFORMATION | | | | |
|------|----------|--|--------------|-----------------------|---------------------------|-----|-------|-------|--------|
| | | MODEL + FEATURES | MAX FLOW CFH | ADDED BOOST INCHES WC | RPM | HP | VOLTS | PHASE | CYCLES |
| GB 1 | OUTDOOR | E101-PHC-S-NYC-PCFM-REG-GLD-TRNS- COMPLETE WITH PRESSURE COMPENSATED FLOW MODULE, MODE R CONTROLS, OUTLET PRESSURE REGULATOR, AUTO ON-OFF BASE ON BUILDING DEMAND, TOTAL VENTLESS SYSTEM 2" INLET/OUTLET, OUTDOOR STEEL GAS LEAK DETECTION WITH SAFETY SHUT OFF VALVE, TRANSCLOSURE WITH LOCKING DOORS, ALL PER WRITTEN SPECIFICATIONS | 1,100 | 10 | 3450 | 1/4 | 120 | 1 | 60 |

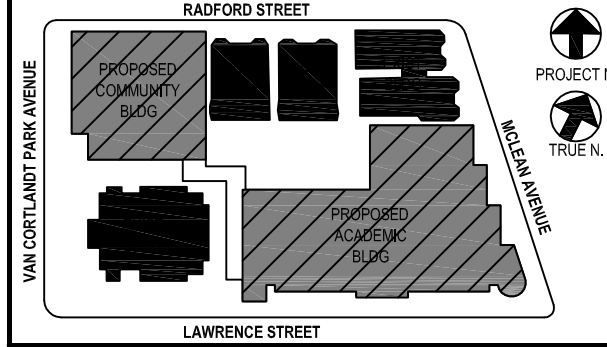
REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL PLUMBING WORK UNDER THIS CONTRACT.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



PART SITE PLAN 1 P206 0 5' 10' 20' 40' 1 inch=20 feet N

THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS FROM THE CITY OF YONKERS. INSTALL GAS AND WATER IN ACCORDANCE WITH ALL UTILITY COMPANY AND CITY REQUIREMENTS AND REGULATIONS. SEE CON-ED YELLOW BOOK. SEE CITY OF YONKERS "ENGINEERING FORMS" FOR METER, TAP, CONNECTIONS AND MISCELLANEOUS, ETC. FOR MORE INFORMATION. SEE FRONT END SPECIFICATION FOR SEPARATION OF CONTRACTOR'S RESPONSIBILITIES.



NOTE: ALL DETAILED UTILITIES AND ARRANGEMENTS ARE TO BE OBTAINED OR REPRESENTED BY THE DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, INC. (BGA). ANY REVISIONS OR CHANGES TO THESE ARRANGEMENTS FOR USE ON THIS PROJECT MUST BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THESE ARRANGEMENTS FOR USE ON THIS PROJECT MUST BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THESE ARRANGEMENTS FOR USE ON THIS PROJECT MUST BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THESE ARRANGEMENTS FOR USE ON THIS PROJECT MUST BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THESE ARRANGEMENTS FOR USE ON THIS PROJECT MUST BE MADE BY BGA.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
 SITE PLAN

Job No. 2019-1026 Date 11/18/20
 Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
P206

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

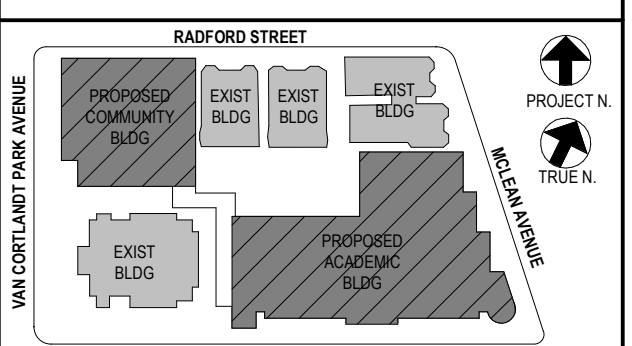
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD. ANY CHANGES OR MODIFICATIONS TO THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. ANY CHANGES OR MODIFICATIONS TO THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. ANY CHANGES OR MODIFICATIONS TO THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE ARCHITECT.

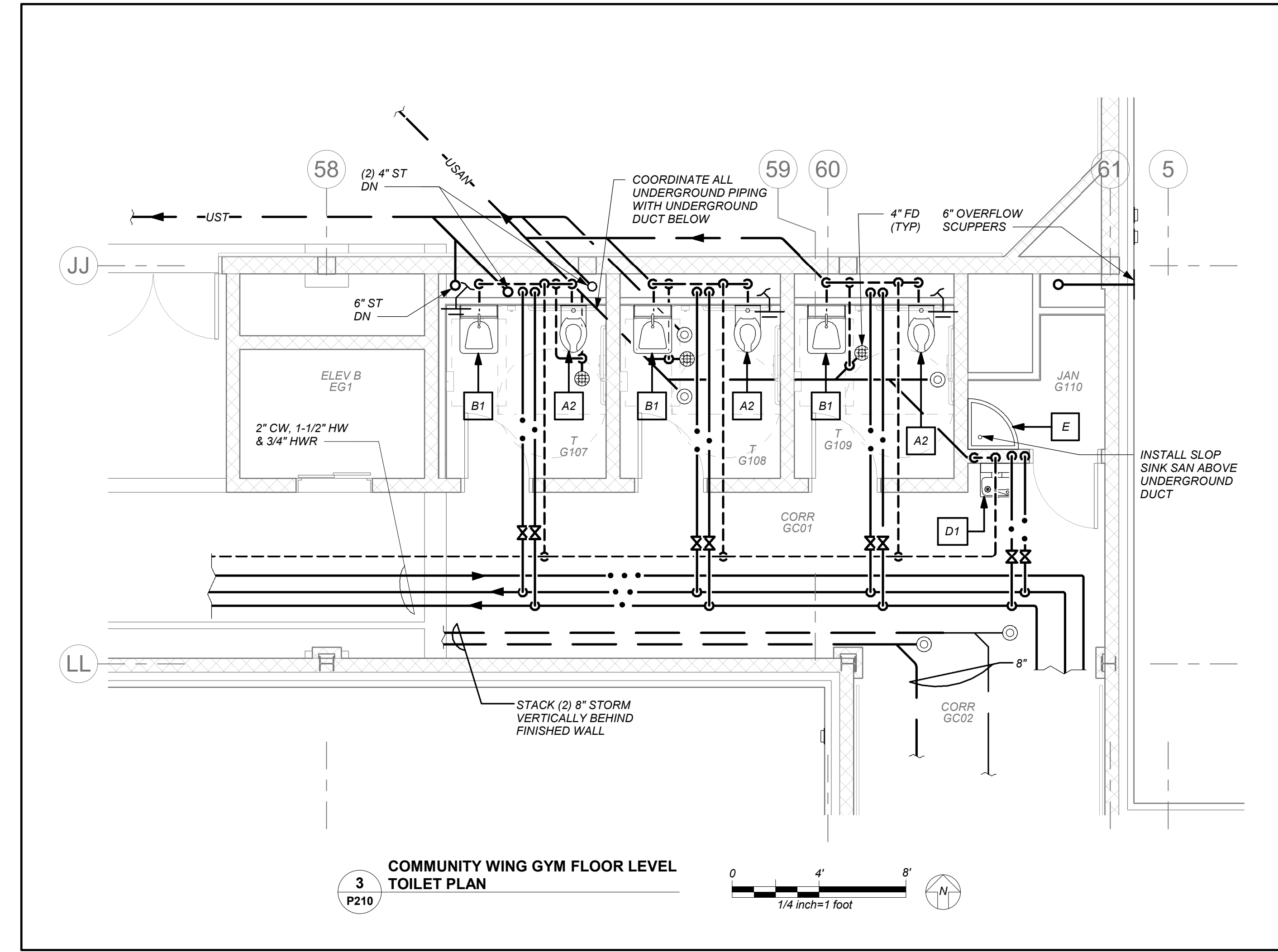
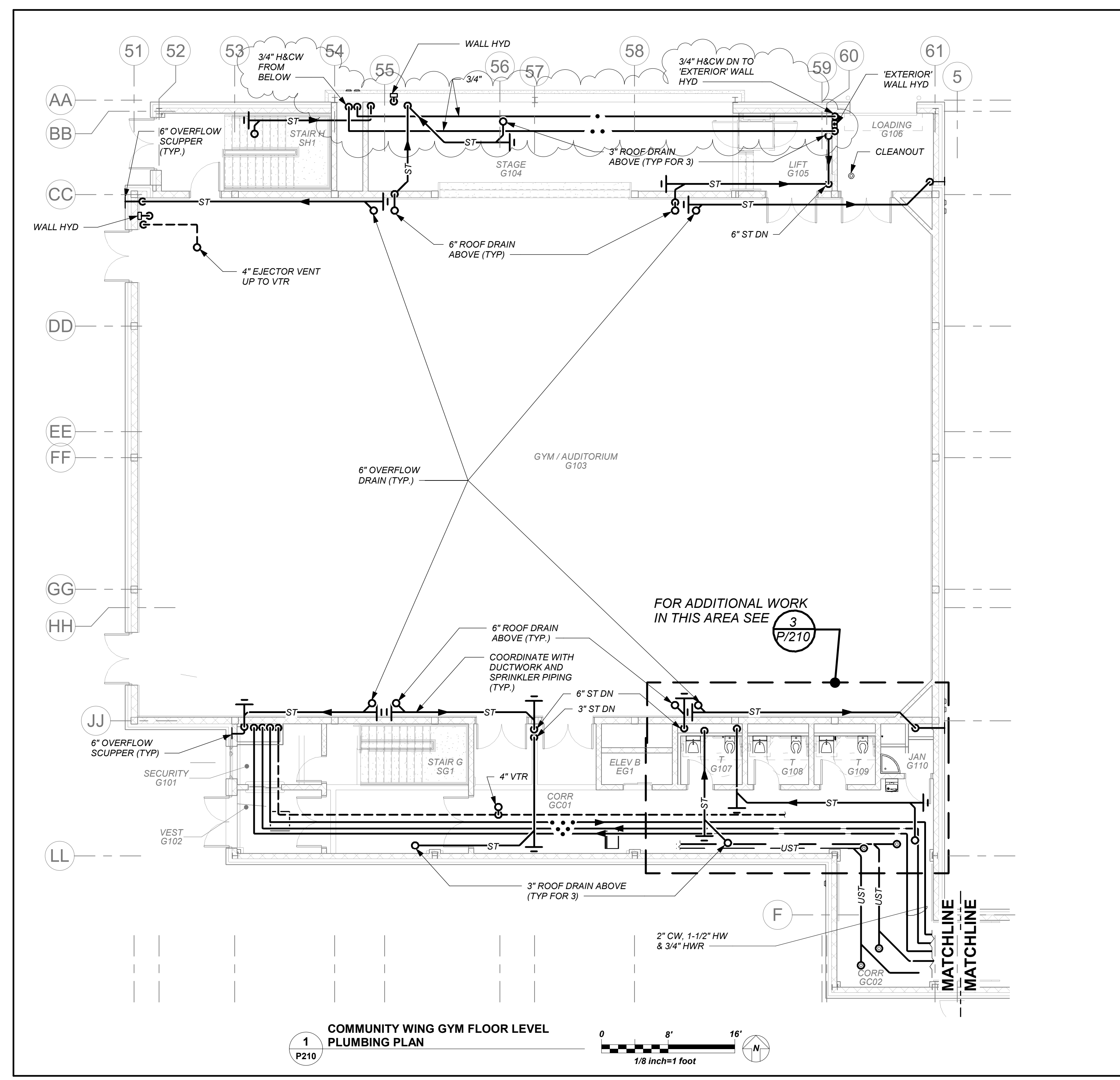
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Community Wing Gym Floor Plans

Job No. 2019-1026 Date 11/18/20
Scale AS NOTED Drawn / Checked BGA / BGA

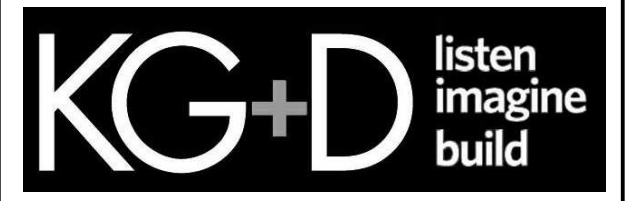
Sheet Number
P210



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



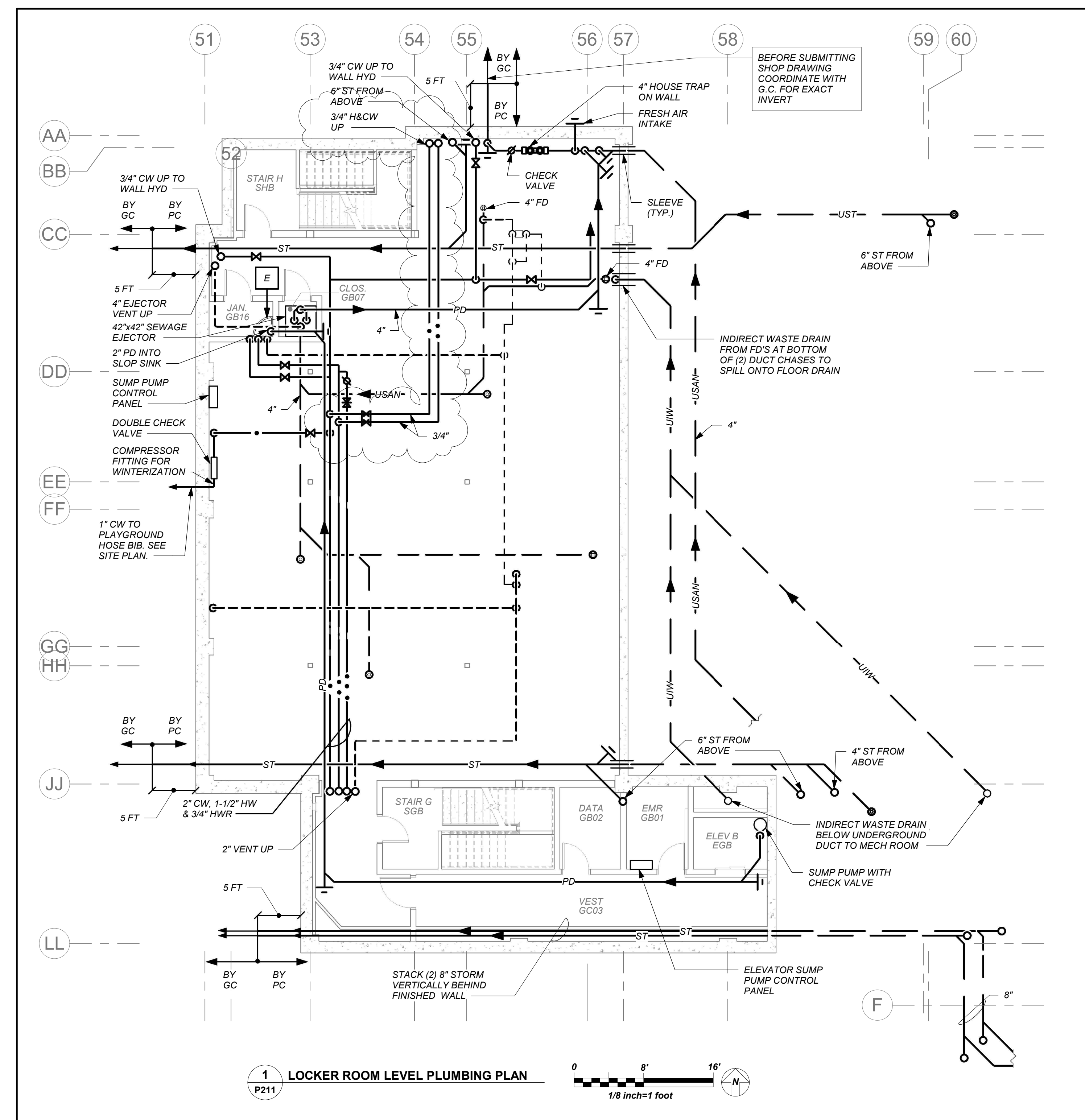
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

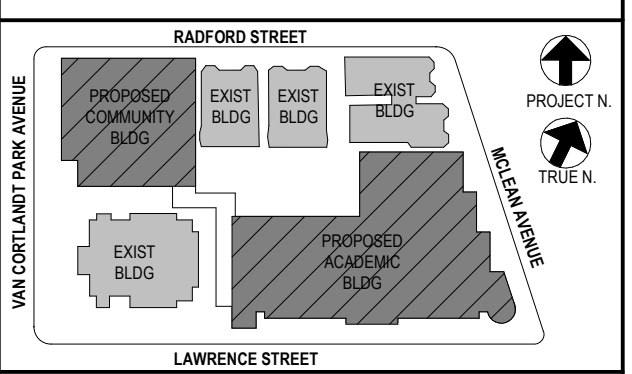
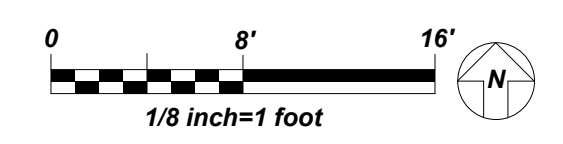
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 LOCKER ROOM LEVEL PLUMBING PLAN
P211



NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARE HEREBY GRANTED FOR USE ON THIS PROJECT. NONE OF SUCH ZONING, ORDINANCES, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSER WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 16-1.55 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. Date Issue

Community Wing Basement Floor Plan

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 10/20/21 |
| Scale | AS NOTED | Drawn / Checked | BGA /BGA |

Sheet Number
P211

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



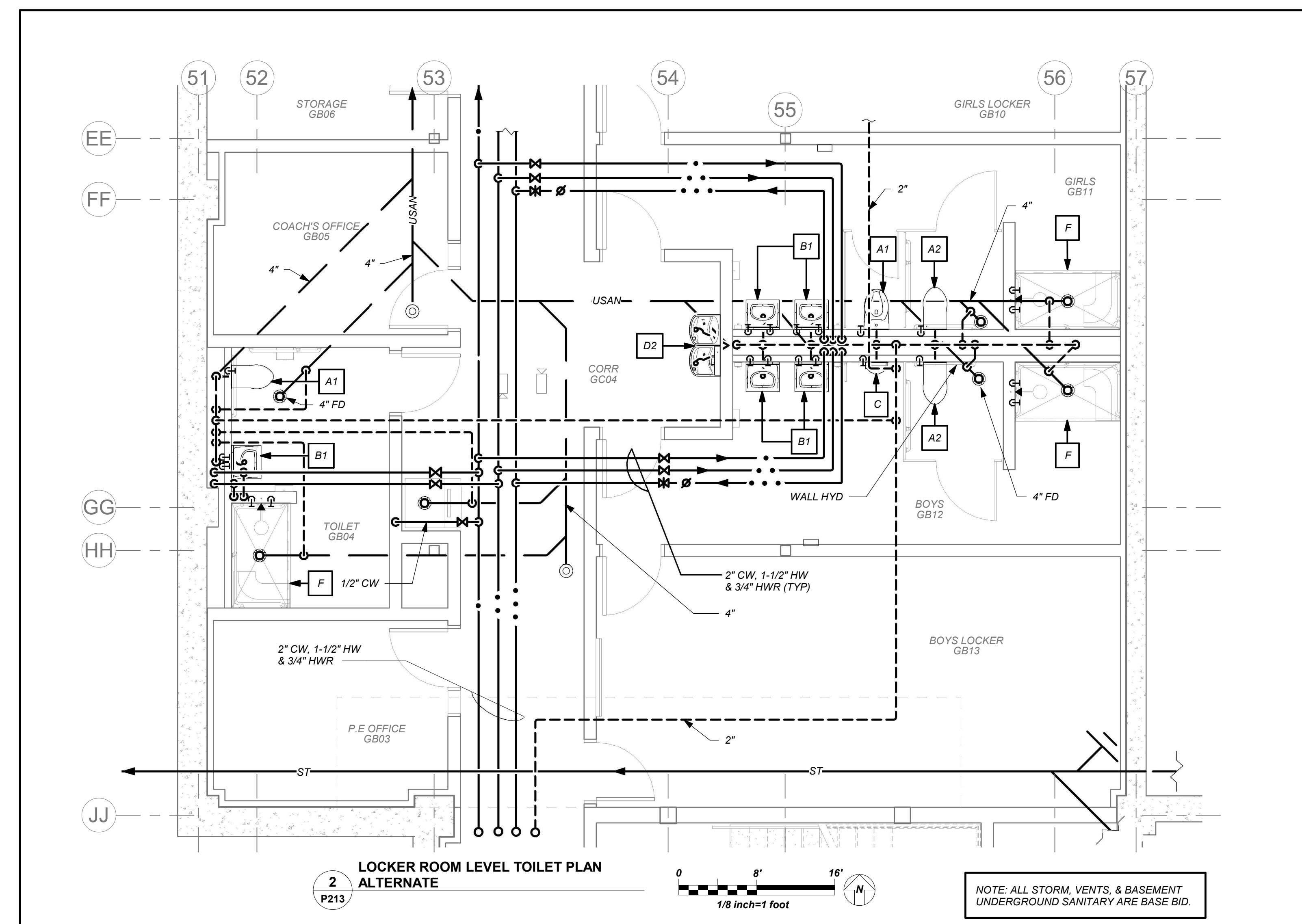
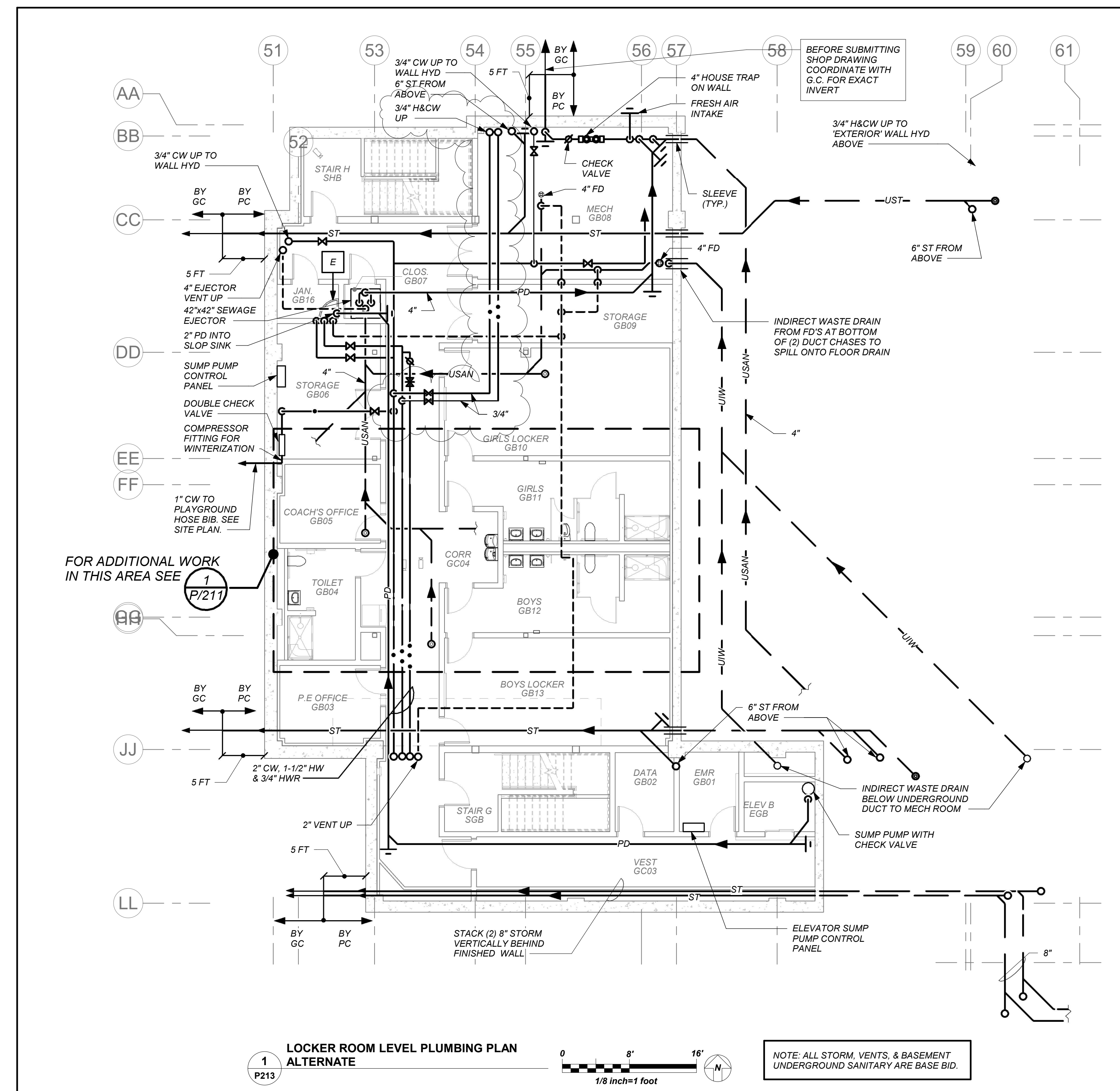
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

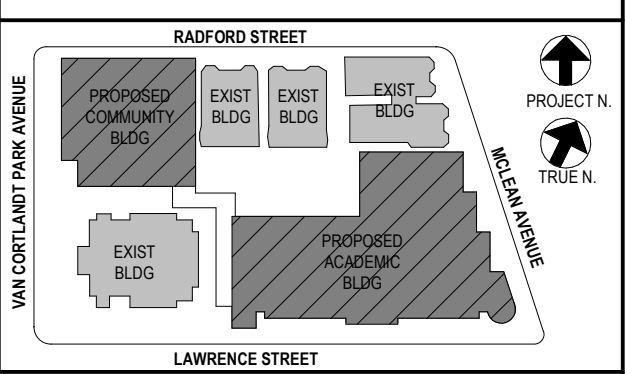
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

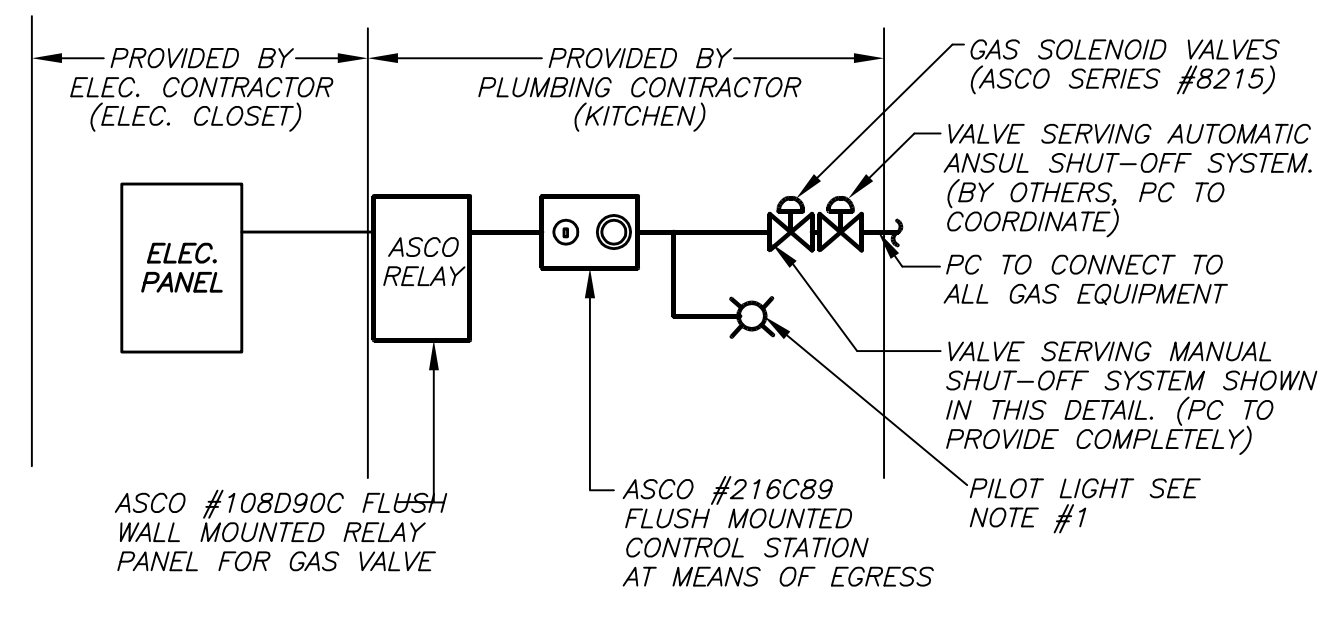
ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022 KG+D ARCHITECTS, INC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| No. | Date | Issue |

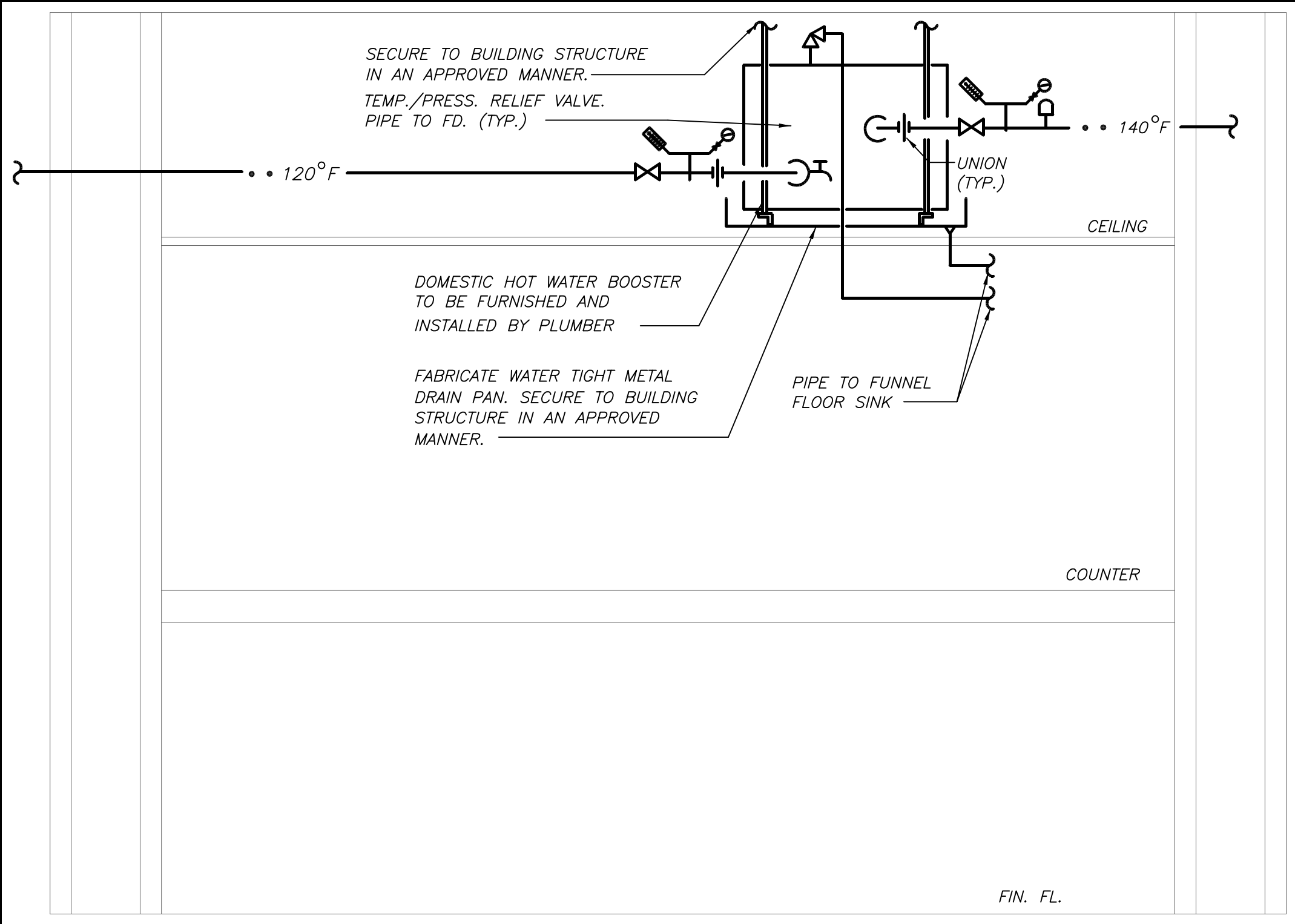
Community Wing Basement - Add Alt - Gym Basement Fit-Out Plan

| | | | |
|--------------|-----------|-----------------|-----------|
| Job No. | 2019-1026 | Date | 11/03/21 |
| Scale | AS NOTED | Drawn / Checked | BGA / BGA |
| Sheet Number | P213 | | |

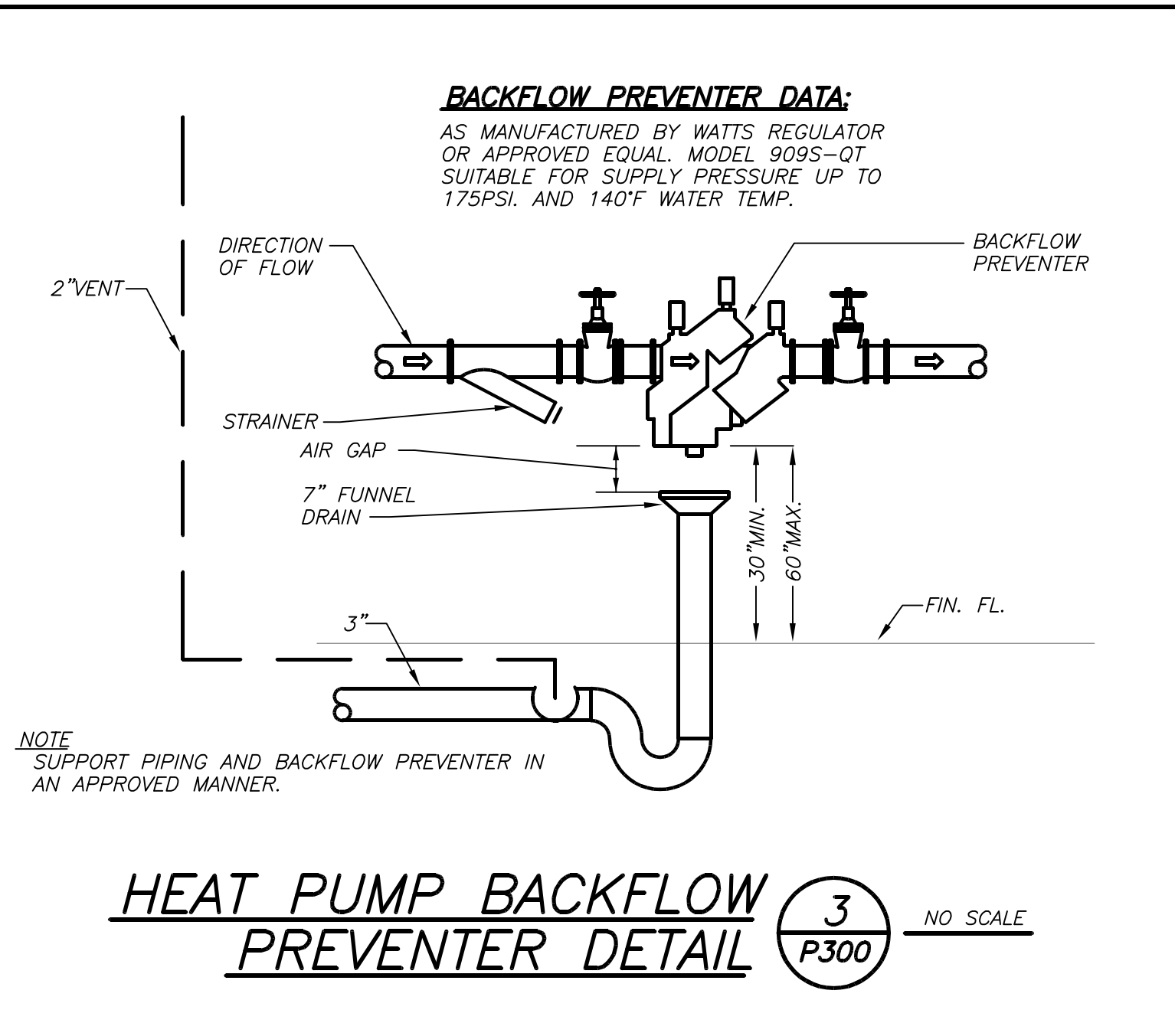


- NOTES:**
- PILOT LIGHT SHALL BE WALL MOUNTED ADJACENT TO CONTROL STATION. IT SHALL BE SIMILAR TO ABB #B2K-KLRL1 AND BLUE IN COLOR. PROVIDE STAINLESS STEEL COVER PLATE WITH PERMANENT TYPE-WRITTEN LABEL STATING "KITCHEN GAS".
 - OPERATION OF CONTROL STATION SHALL BE AS FOLLOWS:
 - TURNING OF KEY SWITCH IN ONE DIRECTION SHALL ENERGIZE POWER TO GAS VALVE IN KITCHEN AND ILLUMINATE REMOTE WALL MOUNTED PILOT LIGHT. TURNING OF SWITCH IN OPPOSITE DIRECTION SHALL DE-ENERGIZE POWER AND CLOSE THE GAS VALVE AND TURN PILOT LIGHT OFF.
 - OPERATION OF PUSH BUTTON AT CONTROL STATION SHALL DE-ENERGIZE POWER AND CLOSE GAS VALVE AND TURN PILOT LIGHT OFF. POWER TO VALVE SHALL NOT BE RESTORED UNTIL KEY SWITCH IS ACTIVATED AGAIN.
 - PROVIDE ALL NECESSARY RELAYS, CONTACTS WIRING, ETC. FOR THE COMPLETE OPERATION AS LISTED ABOVE.
 - THIS ARRANGEMENT PROVIDES ADDITIONAL SAFETY IN THE EVENT OF A FIRE. AUTOMATIC GAS SHUT OFF (BY OTHERS) IS ALSO REQUIRED WHEN HOOD FIRE SUPPRESSION SYSTEM IS ACTIVATED.

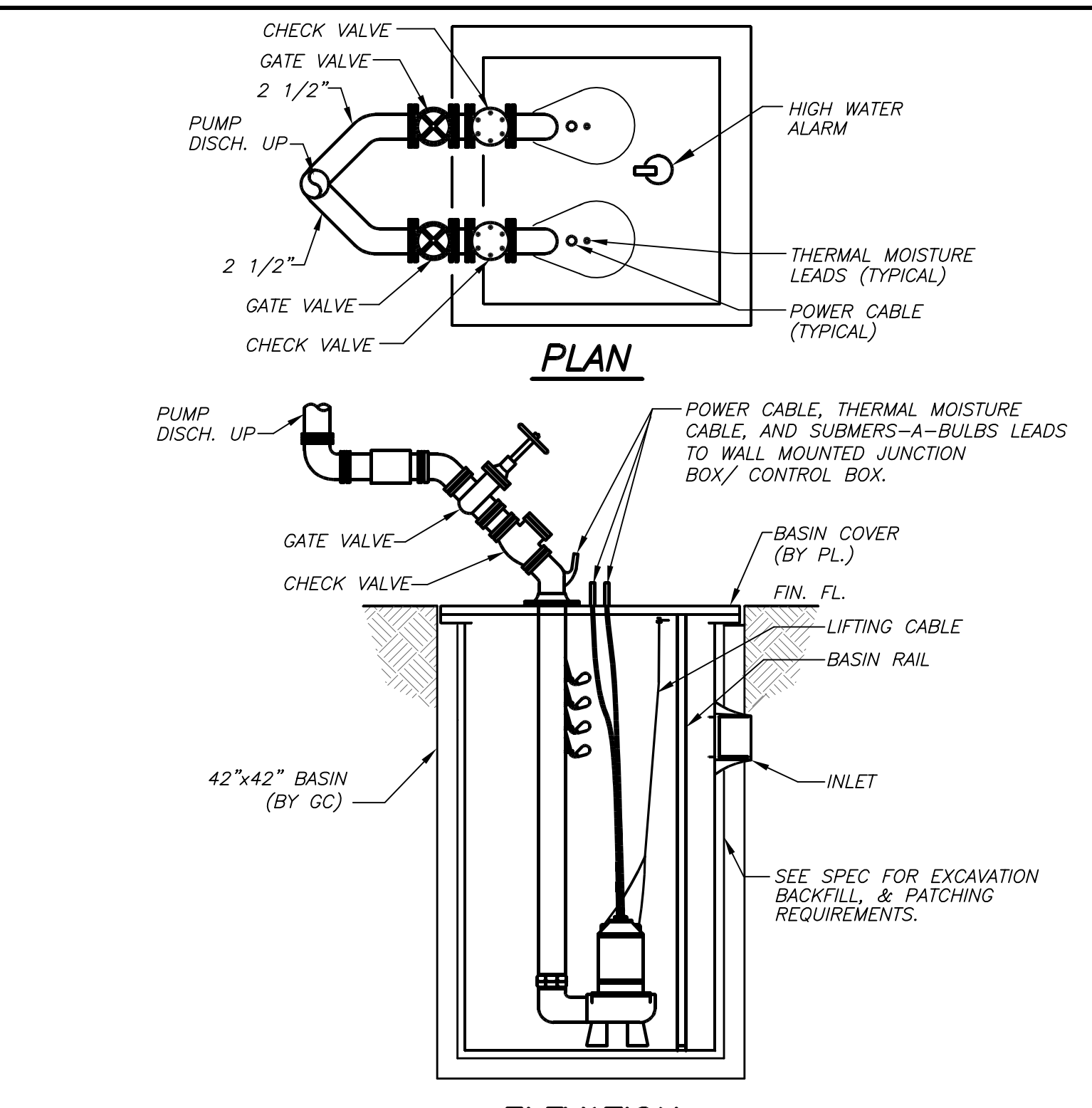
KITCHEN GAS VALVE WIRING AND CONTROL DETAIL (6) P300 NO SCALE



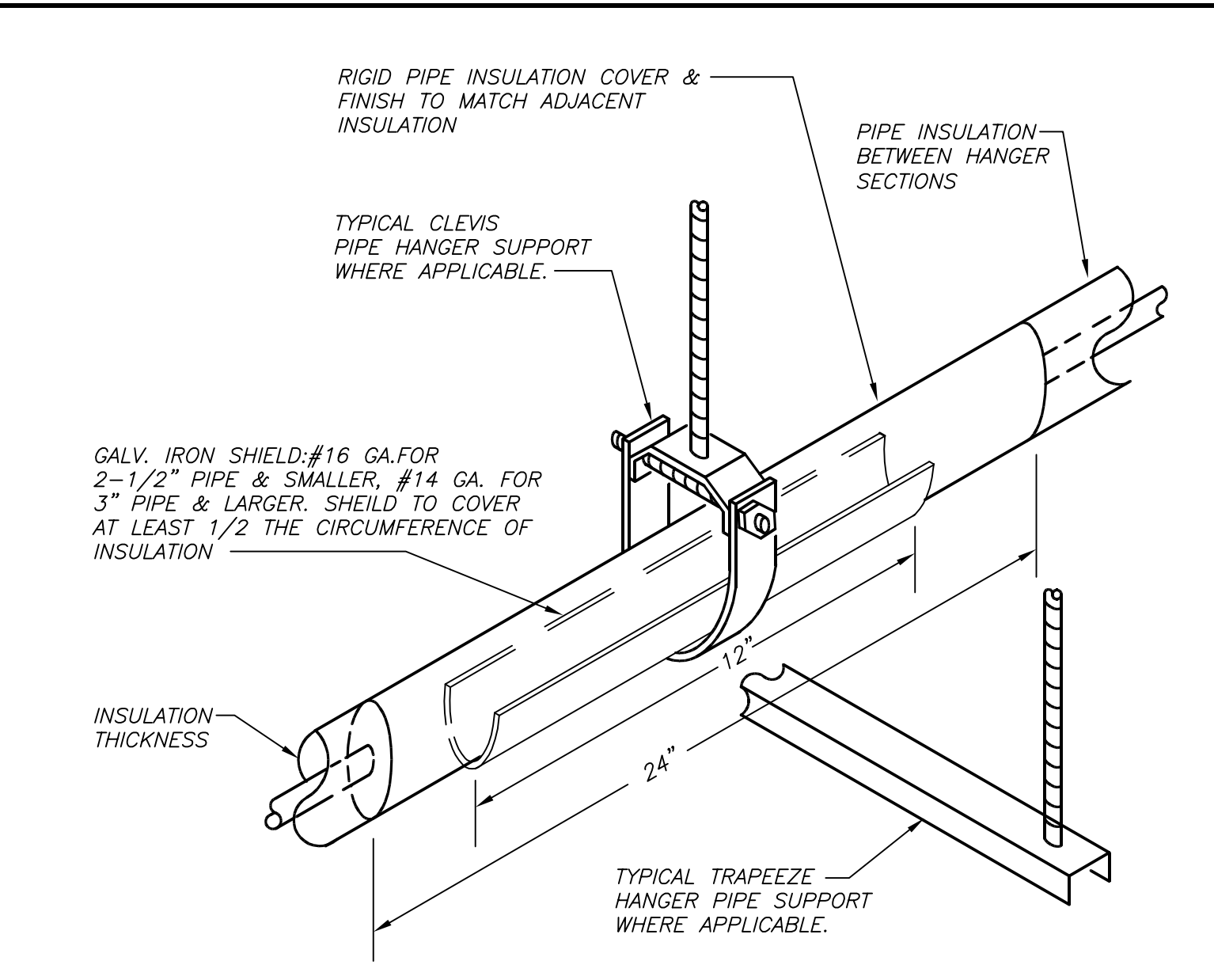
DOMESTIC HOT WATER BOOSTER HEATER SCHEMATIC HOOK-UP DETAIL (7) P300 NO SCALE



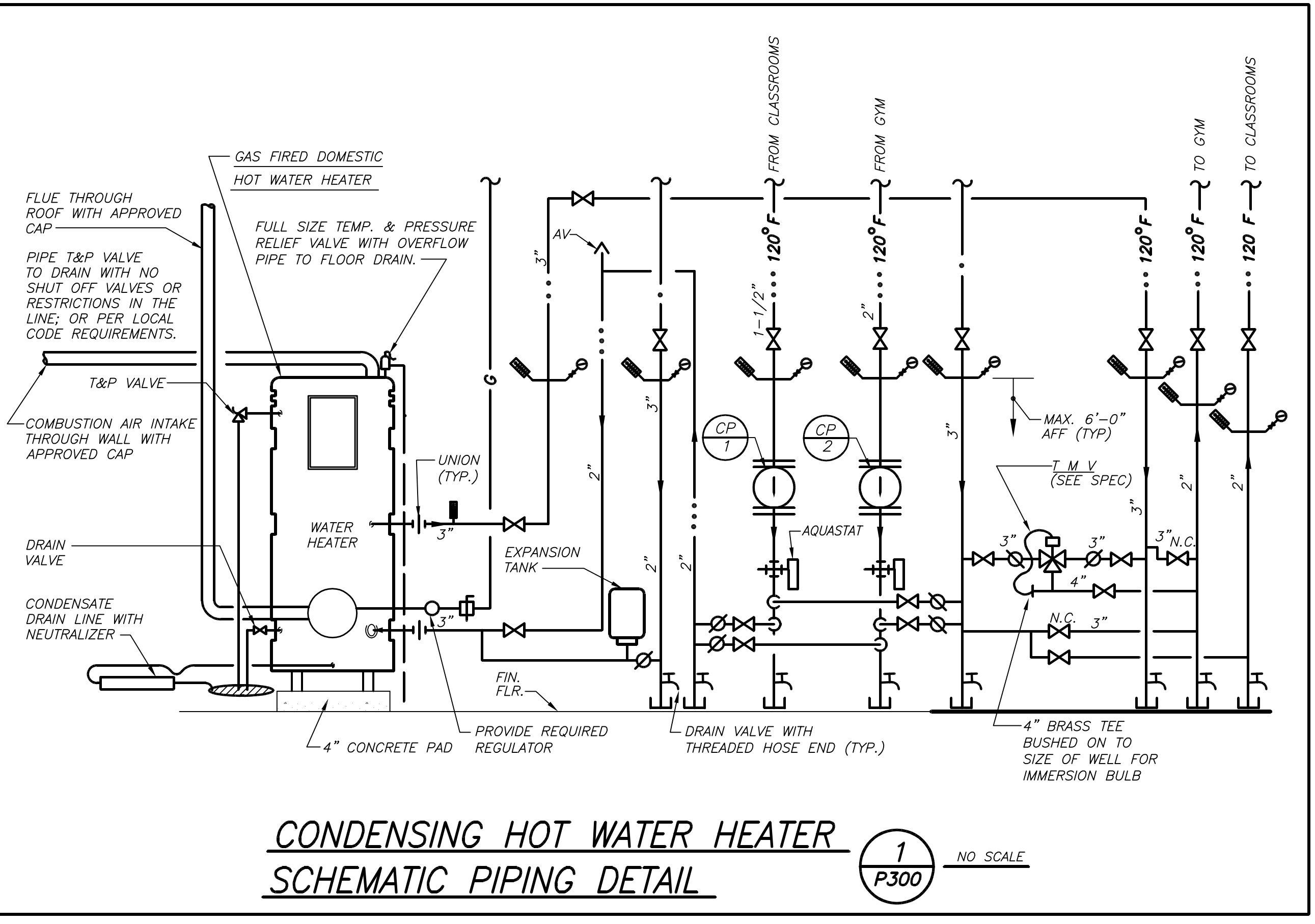
HEAT PUMP BACKFLOW PREVENTER DETAIL (3) P300 NO SCALE



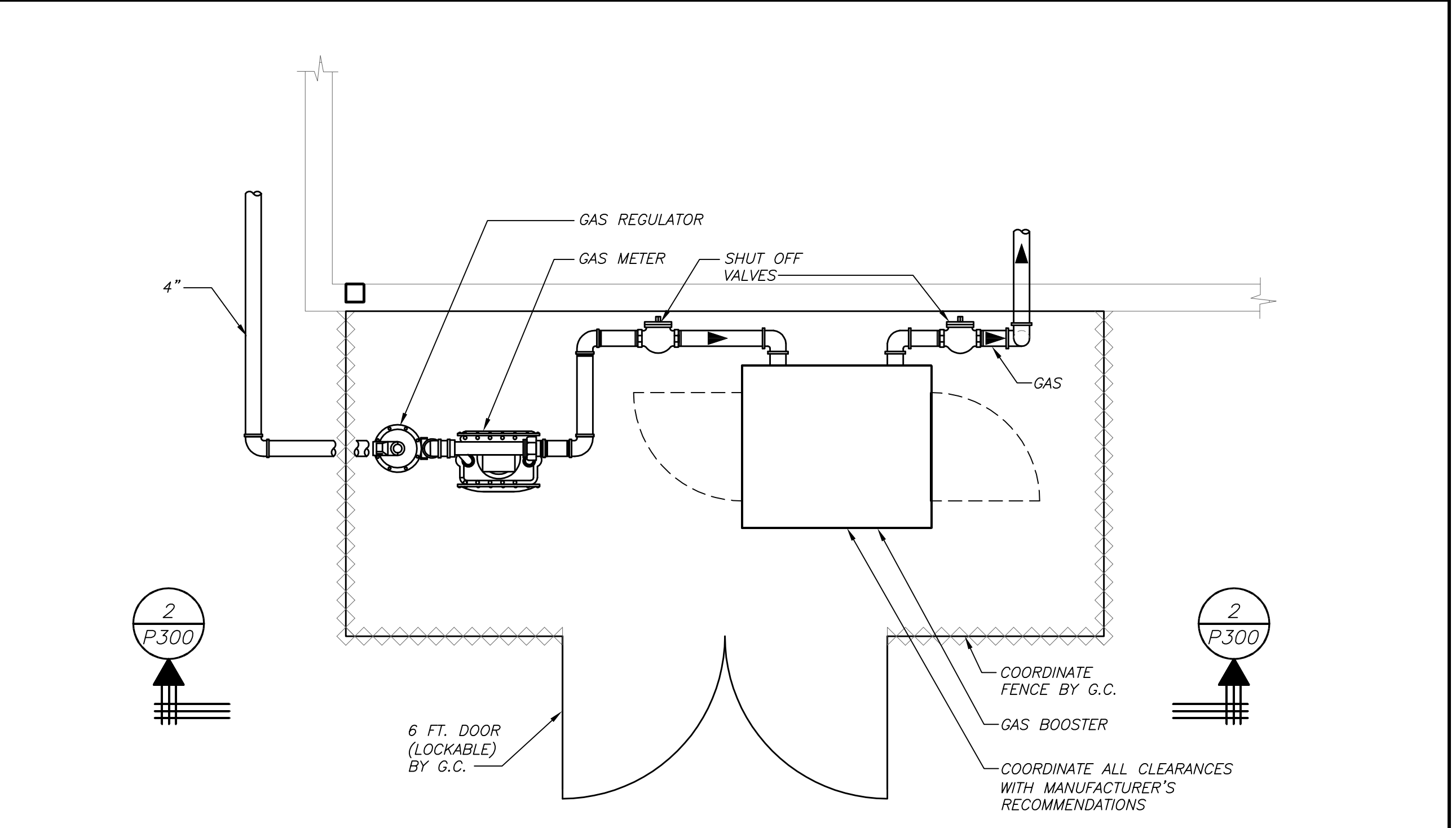
SCHEMATIC EJECTOR DETAIL (BASE BID) (4) P300 NO SCALE



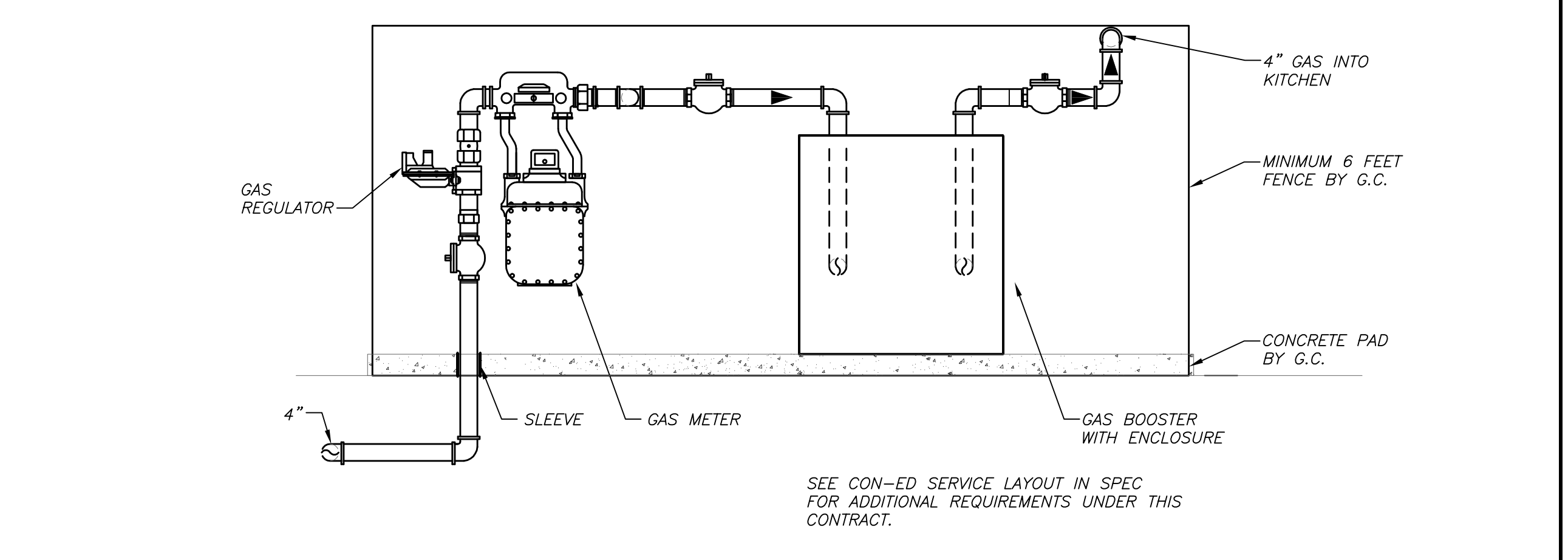
INSULATED PIPE HANGER DETAIL (5) P300 NO SCALE



CONDENSING HOT WATER HEATER SCHEMATIC PIPING DETAIL (1) P300 NO SCALE



SCHEMATIC PLAN



SCHEMATIC SECTION

SCHEMATIC GAS METER / BOOSTER ASSEMBLY DETAIL (2) P300

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLEAN AVENUE
 YONKERS, NY 10705

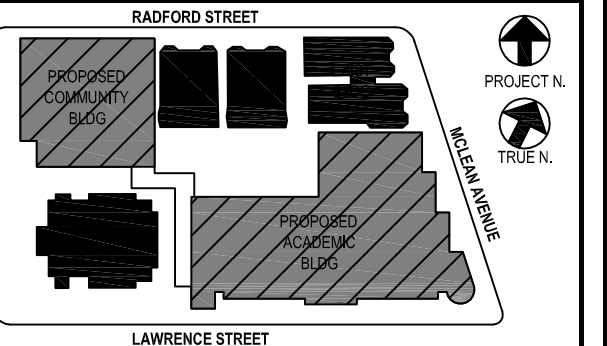
KG+D listen imagine build
 KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
 P914.666.5900 KGARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
 BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
 59 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.328.0660 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED IN THESE DRAWINGS, WHETHER BY ANY MEANS OR BY ANY OTHER MEANS, ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, ARCHITECTS, P.C. (BGA), AND SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFIC DESIGN ARRANGEMENTS. BGA SHALL BE USED BY OR DERIVED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA.

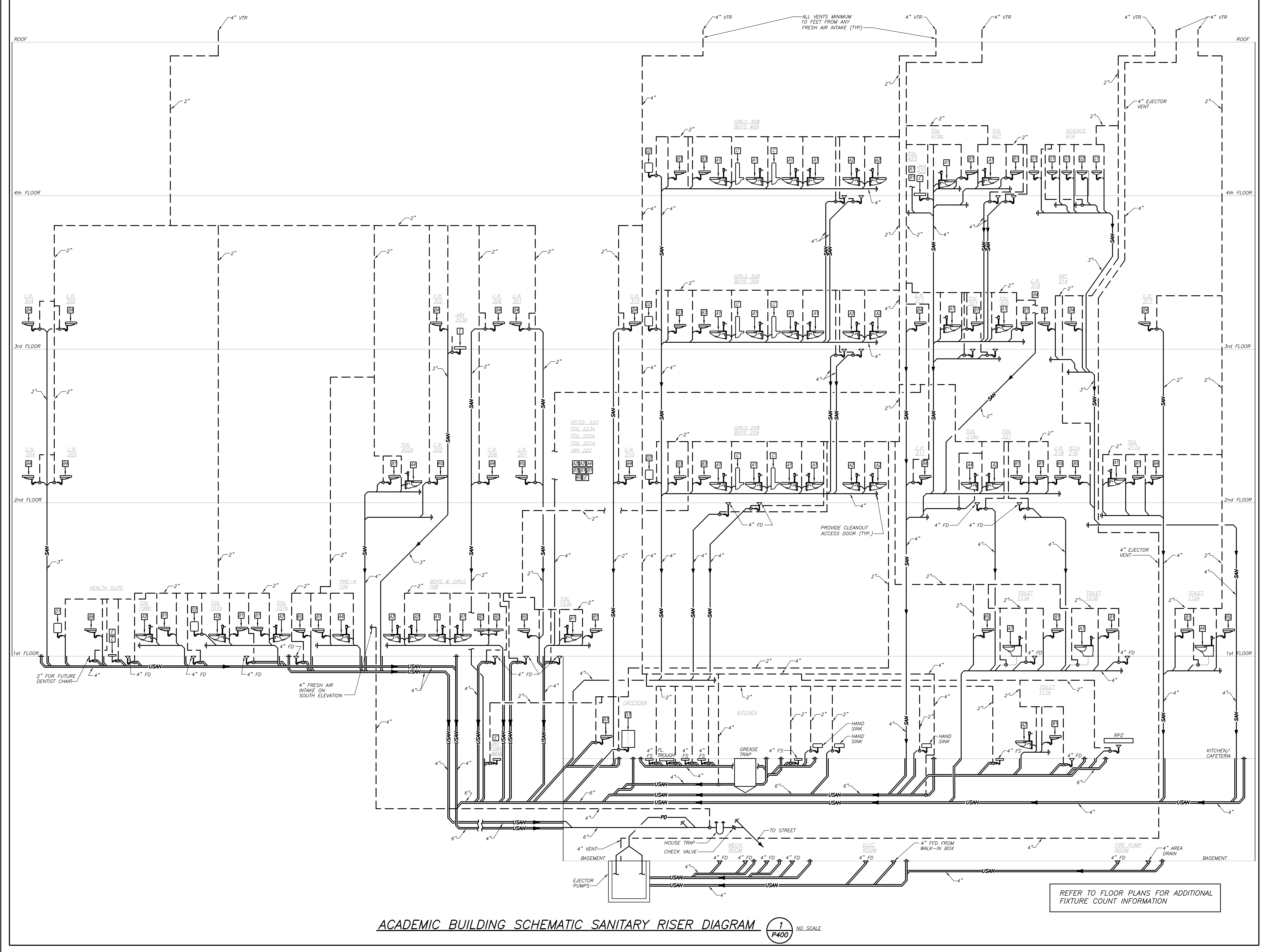
WRITTEN DIMENSIONS ON THE DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO IS A VIOLATION OF THE PROFESSIONAL SEAL OF ANY NEW YORK STATE LAW. COPYRIGHT BARILE GALLAGHER & ASSOCIATES ARCHITECTS ENGINEERS, P.C. ALL RIGHTS RESERVED.

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 10/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

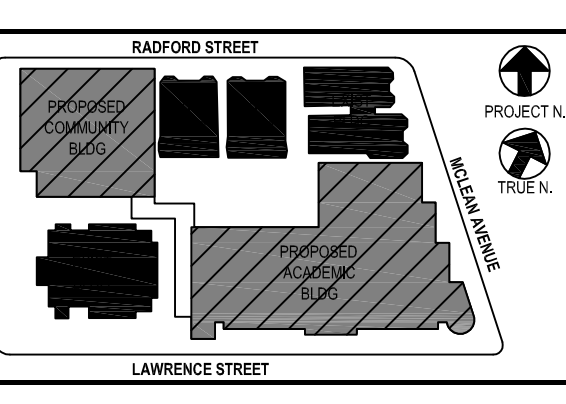
| Professional Seal | |
|-------------------|-----------------|
| No. | Date |
| | |
| Sheet Title | |
| PLUMBING DETAILS | |
| Job No. | Date |
| 2019-1026 | 11/18/20 |
| Scale | Drawn / Checked |
| AS NOTED | BGA/BGA |
| Sheet Number | |
| P300 | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.



ACADEMIC BUILDING SCHEMATIC SANITARY RISER DIAGRAM 1 NO. SCALE
P400

REFER TO FLOOR PLANS FOR ADDITIONAL
FIXTURE COUNT INFORMATION



NOTE: ALL IDEAL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REFERENCED BY THIS DRAWING ARE THE PROPERTY OF KAYEY GARMENT & ASSOCIATES, ARCHITECTS PC, AND SHOULD NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF KAYEY GARMENT & ASSOCIATES, ARCHITECTS PC. ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN ON SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT SHALL BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN ON SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS NOTICED IN THE PRESENCE OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO IS A VIOLATION OF THE BUILDING CODE OF THE STATE OF NEW YORK AND ANY APPLICABLE FEDERAL, STATE OR LOCAL LAWS. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS SHOWN ON SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 10/14/2021 | CONSTRUCTION DOCS-NYS15 |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

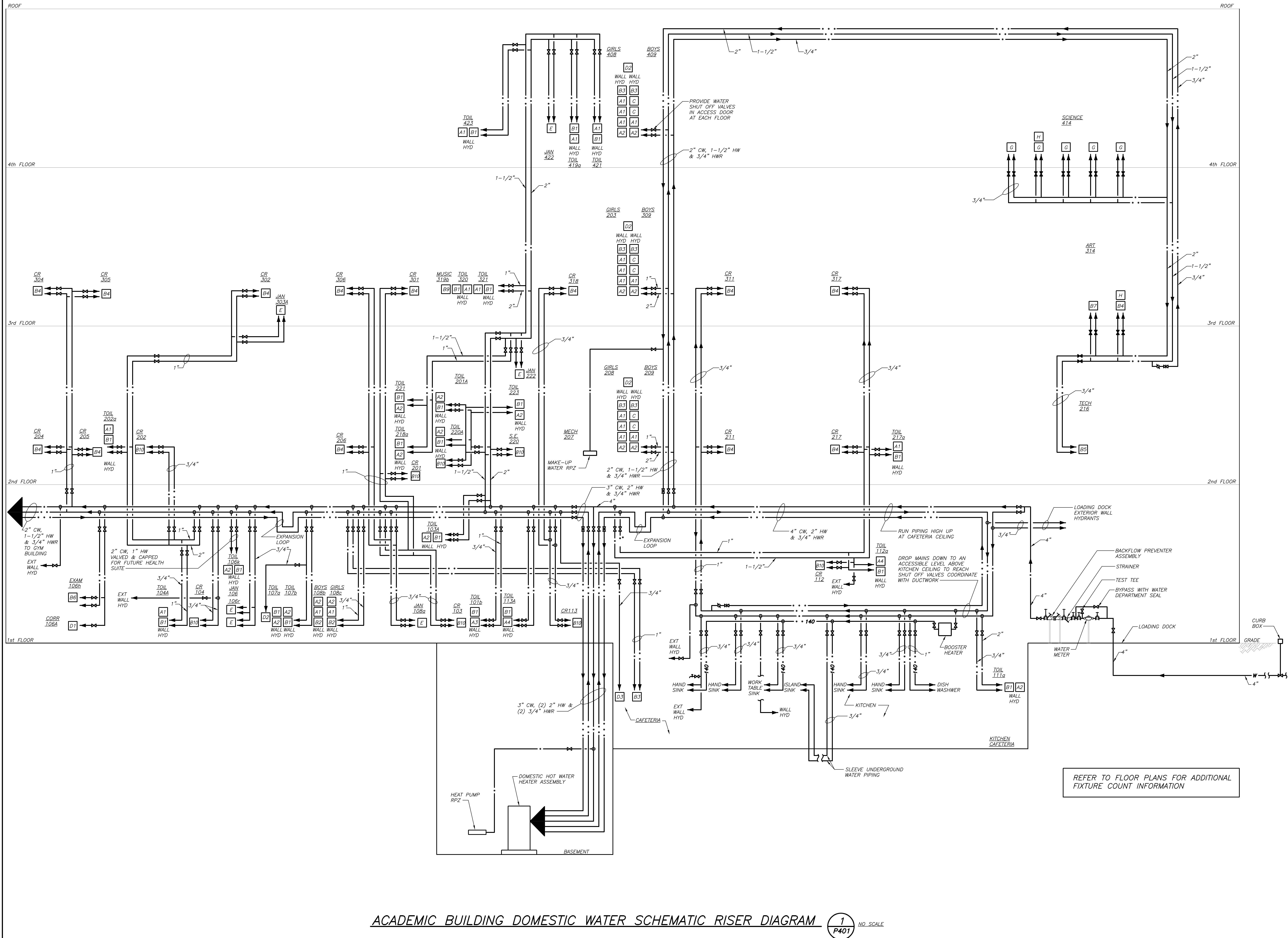
No. Date Issue
Sheet Title

ACADEMIC BUILDING
SCHEMATIC SANITARY
RISER DIAGRAM

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |

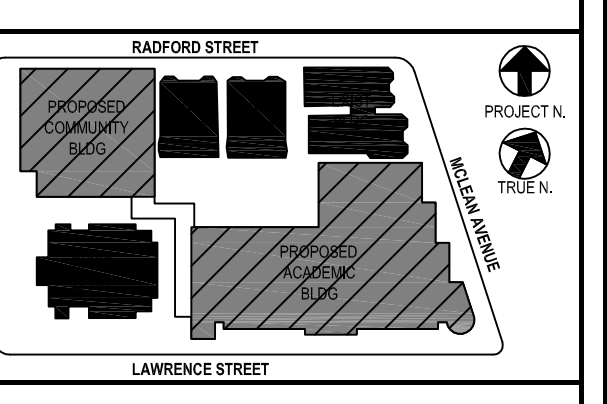
Sheet Number
P400

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.



ACADEMIC BUILDING DOMESTIC WATER SCHEMATIC RISER DIAGRAM 1/401 NO. SCALE

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR REFERENCED IN THIS DRAWING WERE BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, P.C. (BGA), AND WERE CREATED FOR USE ON THIS PROJECT. NO OTHER DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DERIVED FROM THIS PROJECT WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT SHALL BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS AUTHORIZED IN WRITING BY THE ARCHITECT, SHALL BE AT THE RISK OF THE USER. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF BGA. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. Date Issue
 Sheet Title

ACADEMIC BUILDING
 DOMESTIC WATER
 SCHEMATIC
 RISER DIAGRAM

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |

Sheet Number
P401

LIST OF BACKFLOW PREVENTER APPURTENANCES

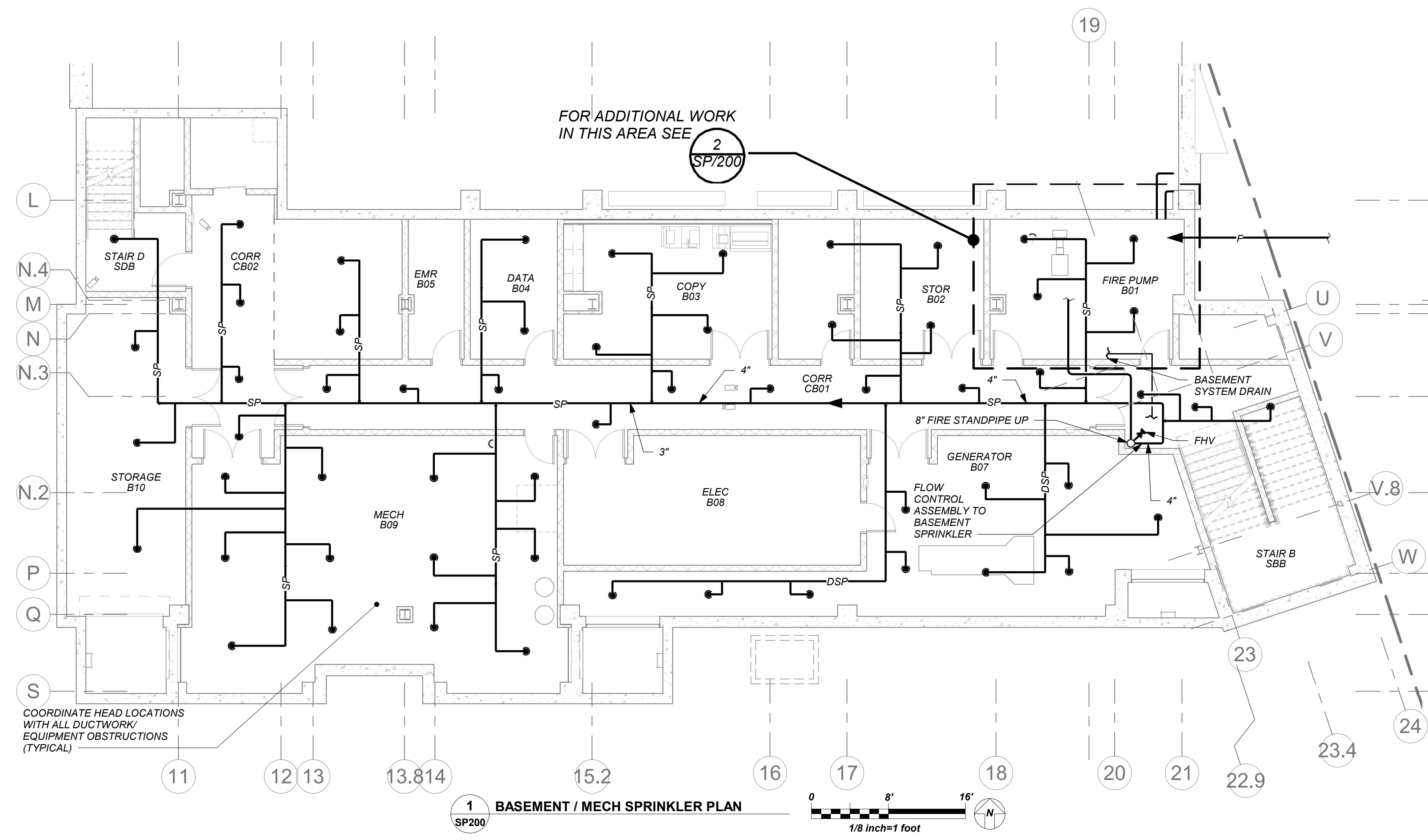
| MARK | DESCRIPTION |
|------|---|
| 1 | RESILIENT SEATED GATE VALVE |
| 2 | TAMPER PROOF RESILIENT SEATED GATE VALVE WITH TAMPER SWITCH |
| 3 | STRAINER |
| 4 | 4" RPZ BACKFLOW PREVENTER - WATTS SERIES 909 |
| 5 | WATER METER (PER WATER DEPARTMENT) |
| 6 | 2" TEST OUTLET VALVE |
| 7 | PRESSURE REDUCING VALVE |
| 8 | AIR GAP (JR SMITH 3955) |
| 9 | FUNNEL (JR SMITH 3811) |
| 10 | 8" DOUBLE CHECK DETECTOR ASSEMBLY-WATTS SERIES 709 DCDA |

GENERAL NOTES:

1. LOCATION OF BACKFLOW DEVICES SHALL HAVE ADEQUATE HEAT AND LIGHT.
2. BACKFLOW DEVICES SHALL BE PROTECTED FROM FLOODING.
3. BACKFLOW DEVICES AND WATER METER SHALL BE TESTED AFTER INSTALLATION.
4. OWNER SHALL ARRANGE FOR BACKFLOW DEVICES TO BE TESTED ANNUALLY BY A CERTIFIED TESTER.
5. ANY REVISIONS OR ALTERATION OF THESE PLANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE SIGNING ENGINEER IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

BACKFLOW PREVENTER FILING REQUIREMENTS

- A. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A LICENCED ENGINEER TO FILE ALL APPLICATIONS PERMITS AND FILING FEES WITH THE AUTHORITIES HAVING JURISDICTION OVER THE WORK.**
- B. THE FOLLOWING LIST SERVES AS THE MINIMUM FILING REQUIREMENTS, FAILURE TO LIST ANY ITEM DOES NOT RELIEVE THE CONTRACTOR FROM FULFILLING THAT REQUIREMENT.**
1. CERTIFICATE OF RESOLUTION OF LETTER OF AUTHORIZATION FROM OWNER/USER TO AUTHORIZE LICENCED PROFESSIONAL TO EXECUTE FILING.
 2. PREPARE AND SUBMIT FORM DOH-347 WITH PLANS, PROFESSIONAL ENGINEERS REPORT AND SPECIFICATIONS WITH ENGINEER'S SEAL. FILE WITH HEALTH DEPARTMENT AND WATER DEPARTMENT.
 3. FILING FEES, PER DEVICE.
 4. EVIDENCE OF CONFORMANCE TO NEW YORK STATE SANITARY CODE, PART 5 AND CHAPTER 873 OF THE LAWS OF WESTCHESTER COUNTY.



LEGEND

| | |
|--|--|
| | EXISTING PIPING, FIXTURES, ETC. TO REMAIN |
| | EXISTING PIPING, FIXTURES, ETC. TO BE REMOVED |
| | NEW PIPING, FIXTURES, ETC. |
| | WATER SERVICE PIPING EXTERIOR |
| | GAS PIPING |
| | FLOW DIRECTION WITHIN PIPE |
| | SHUT-OFF VALVE, GATE VALVE |
| | COMBINATION BALANCING & SHUT-OFF VALVE |
| | CHECK VALVE |
| | PIPE CONNS. (BOTTOM, TOP 45 OR 90; PIPE UP) |
| | PUMP DISCHARGE |
| | SPRINKLER PIPING |
| | DRY SPRINKLER PIPING |
| | FIRE SERVICE PIPING (EXTERIOR) |
| | SPRINKLER HEAD |
| | SIDEWALL SPRINKLER HEAD |
| | FIRE HOSE VALVE & PRV ASSEMBLY |
| | VENT THRU ROOF |
| | FRESH AIR INTAKE |
| | FLOOR DRAIN |
| | PRESSURE REDUCING VALVE/ PRESSURE REGULATING VALVE |
| | PLUMBING CONTRACTOR |
| | GENERAL CONTRACTOR |
| | POINT OF CONNECTION |
| | POINT OF DISCONNECTION |
| | BACKFLOW PREVENTER APPURTENANCE IDENTIFICATION |
| | PART PLAN, DETAIL, SECTION NUMBER |
| | SECTION IDENTIFICATION |

SPRINKLER GENERAL NOTES

1. CONTRACTOR SHALL NOT CUT ANY STRUCTURAL MEMBERS WITHOUT APPROVAL BY THE ARCHITECT. COORDINATE WITH OTHER PLUMBING AND DUCTWORK.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING VALVES, HEADS, TESTS, HANGERS, FITTINGS ANY MISCELLANEOUS COMPONENTS TO RENDER THE SPRINKLER SYSTEM COMPLETE, OPERABLE AND IN ACCORDANCE WITH APPLICABLE CODES AND GENERALLY ACCEPTED INDUSTRY STANDARDS.

FIRE PROTECTION DESIGN SUMMARY (WET SYSTEM)

OCCUPANCY CLASSIFICATION: (NFPA 13)
 ALL AREAS (EXCEPT AS NOTED BELOW): LIGHT HAZARD
 MISCELLANEOUS STORAGE: ORDINARY HAZARD GROUP 1

SPRINKLER SYSTEM TESTS

1. HYDROSTATIC - 200 PSI FOR 2 HOURS WITHOUT LOSS OF PRESSURE.
2. SYSTEM OPERATIONAL TESTS - WATER FLOW DETECTING DEVICES.
3. CONTRACTOR SHALL PERFORM ALL SPRINKLER SYSTEM TESTS REQUIRED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION.
4. ALL TESTS SHALL BE WITNESSED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION. SUBMIT REPORT ON ALL TESTS TO LOCAL FIRE INSPECTOR AND ENGINEER FOR APPROVAL.

SCHEDULE OF SPRINKLER BRANCH PIPING SIZES

| PIPE SIZE | MAX # OF SPRINKLER HEADS |
|-----------|--------------------------|
| 1" | 2 |
| 1-1/4" | 3 |
| 1-1/2" | 5 |
| 2" | 10 |
| 2-1/2" | 20 |
| 3" | 40 |

NOTES

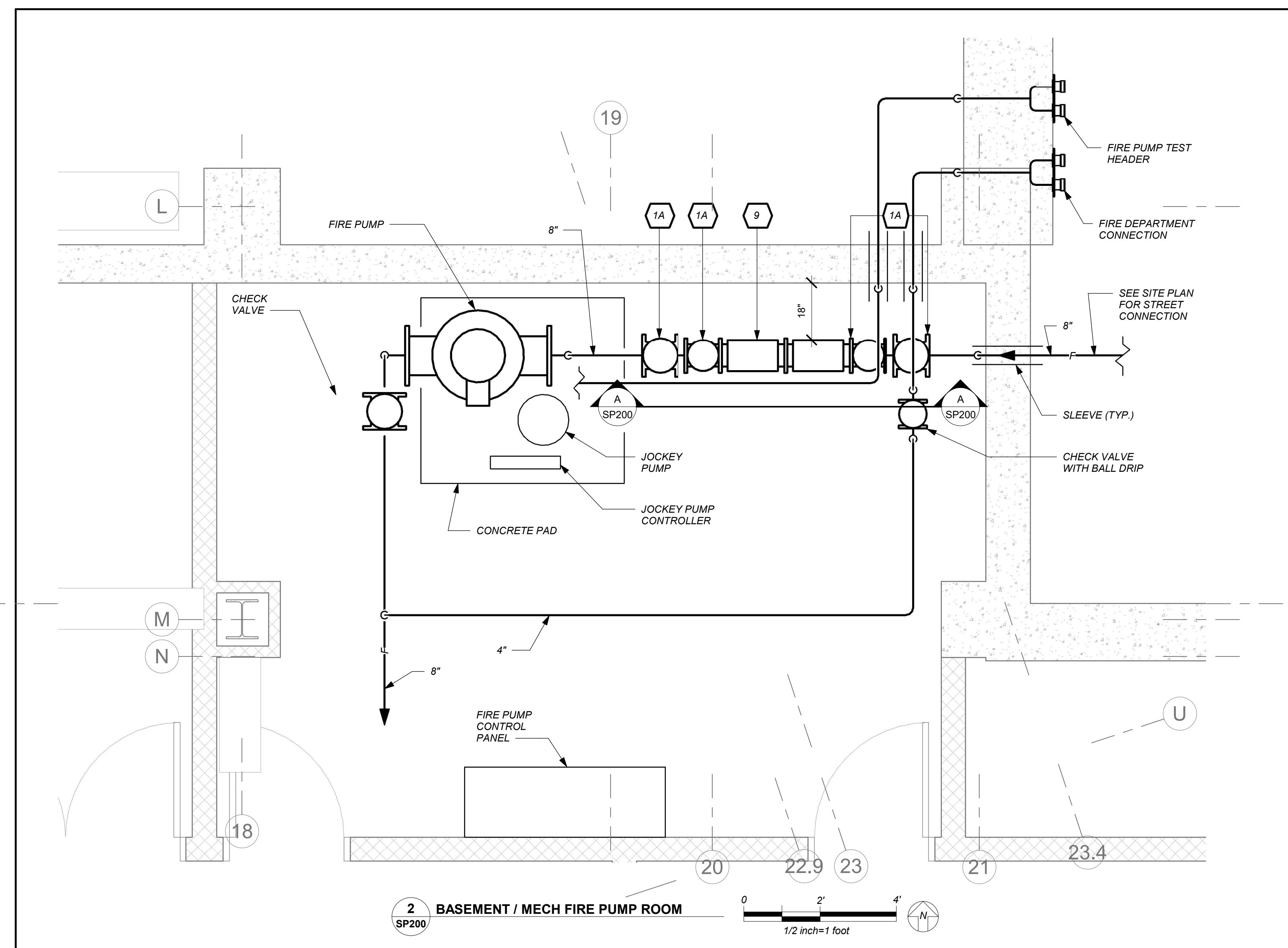
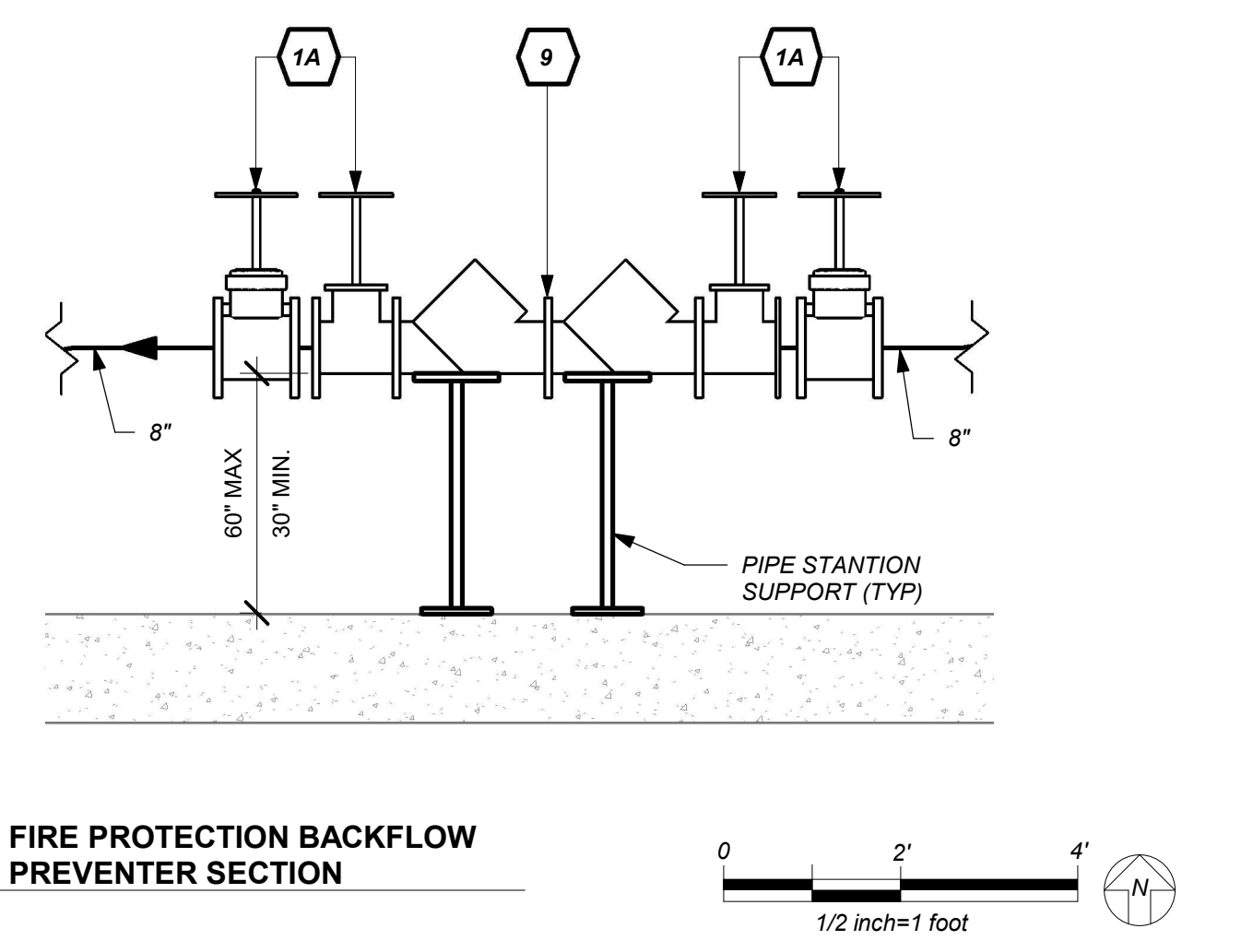
1. MAINS HAVE BEEN SHOWN. CONTRACTOR TO PROVIDE BRANCH PIPING BASED ON NFPA-13 PIPE SCHEDULE METHOD OF PIPE SIZING. HYDRAULIC METHOD WILL BE ACCEPTABLE AS WELL. SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS.

BUILDING STRUCTURE FIREPROOFING:

THE BUILDING STRUCTURE WILL BE PROTECTED BY 2" FIREPROOFING THROUGHOUT. THIS CONTRACTOR SHALL ISSUE COORDINATION DRAWINGS ACCORDING TO THE STRICT SCHEDULE OUTLINED IN THE "FRONT END" DOCUMENTS. ALL HANGERS FOR PIPING, CONDUIT, DUCTWORK, EQUIPMENT, ETC. MUST BE IN PLACE BEFORE FIREPROOFING TAKES PLACE. THE INSTALLATION OF HANGERS AFTER THE FACT THAT REQUIRES THE RE-APPLICATION OF FIREPROOFING WILL BE AT THE EXPENSE OF THIS CONTRACTOR.

BASEMENT WATERPROOFING:

REFER TO STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR SLAB/ WALL THICKNESS AND PENETRATION DETAILS. COORDINATE WITH G.C.



NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705



KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.

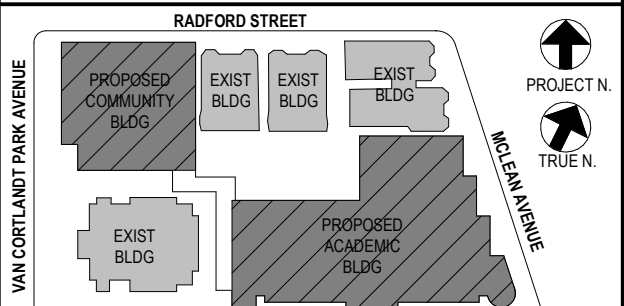
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
 99 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, AMENDMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 81-1.5(b) OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. Date Issue

Sheet Title

Legend, Schedule, Notes, and Basement Floor Sprinkler Plan

Job No. 2019-1026 Date 11/17/20

Scale AS NOTED Drawn / Checked BGA / BGA

Sheet Number

SP200

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



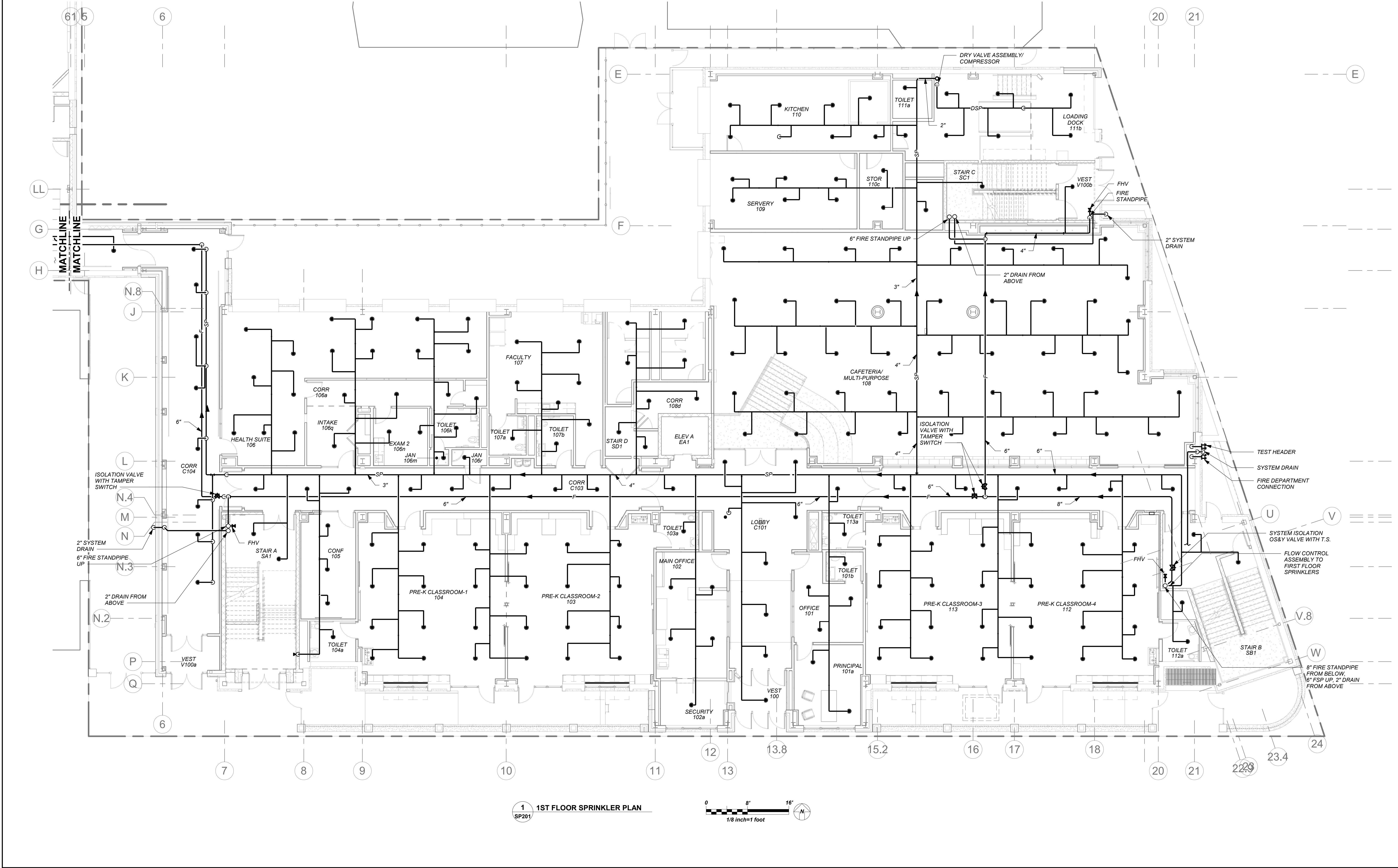
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

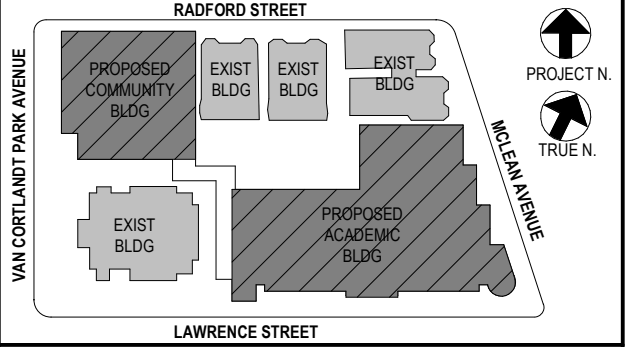


BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 1ST FLOOR SPRINKLER PLAN
SP201

0 8' 16'
1/8 inch=1 foot



NOTE: ALL LOCAL REGIONAL ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING AND ARE OWNED BY AND ARE THE PROPERTY OF KATYER GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS ARE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KATYER GARBETT & ASSOCIATES ARCHITECTS PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 2603 OF NEW YORK STATE LAW. COPYRIGHT KATYER GARBETT & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| | |
|----------------|-----------------|
| Sheet Title | |
| 1st Floor Plan | |
| Job No. | Date |
| 2019-1026 | 11/17/20 |
| Scale | Drawn / Checked |
| AS NOTED | BGA / BGA |
| Sheet Number | |
| SP201 | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



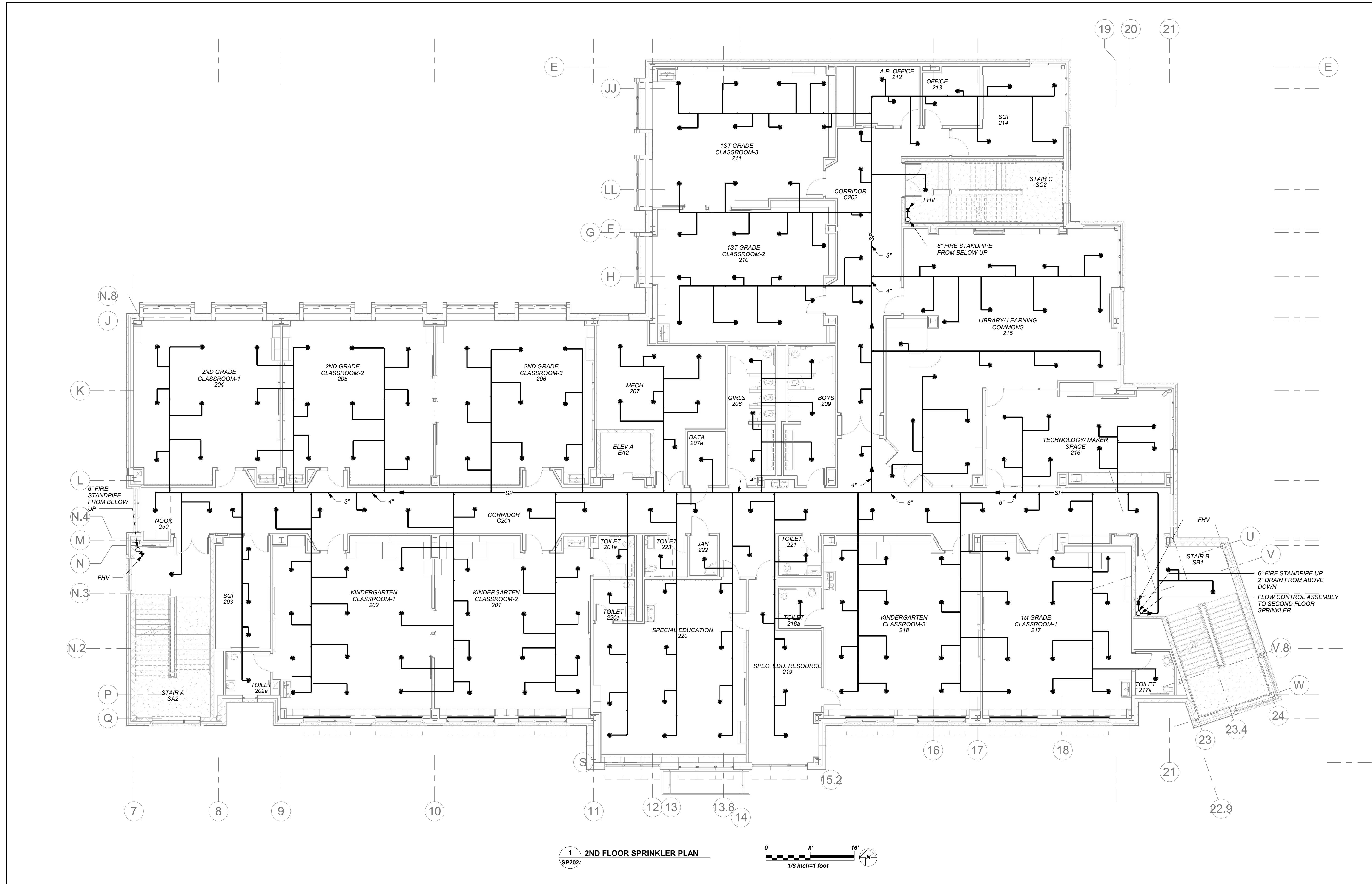
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

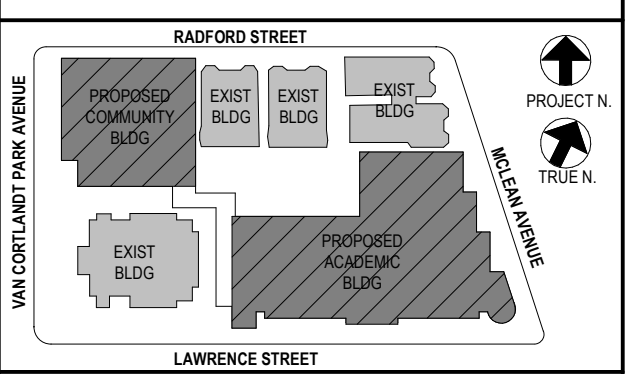
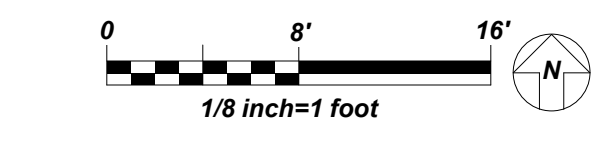
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 2ND FLOOR SPRINKLER PLAN
SP202



NOTE: ALL LOCAL, REGIONAL, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, PC (BGA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLABLED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL, OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
2nd Floor Plan

| | | | |
|---------|-----------|-----------------|-----------|
| Job No. | 2019-1026 | Date | 11/17/20 |
| Scale | AS NOTED | Drawn / Checked | BGA / BGA |

Sheet Number
SP202

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



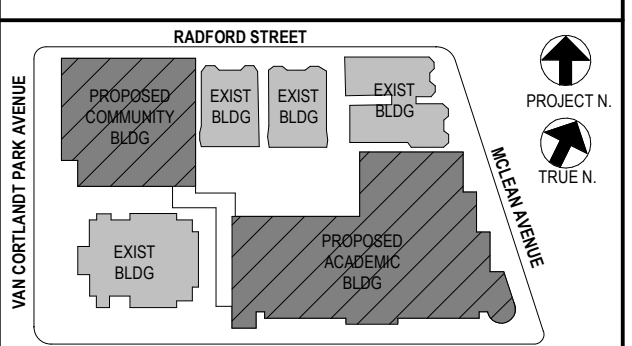
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.226.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL IDEAL DESIGN ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING AND OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, INC. (BGA). ANY REVISIONS OR CHANGES TO THIS DRAWING SHALL BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THIS DRAWING SHALL BE MADE BY BGA. ANY REVISIONS OR CHANGES TO THIS DRAWING SHALL BE MADE BY BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW.

COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, INC. ALL RIGHTS RESERVED.

Professional Seal

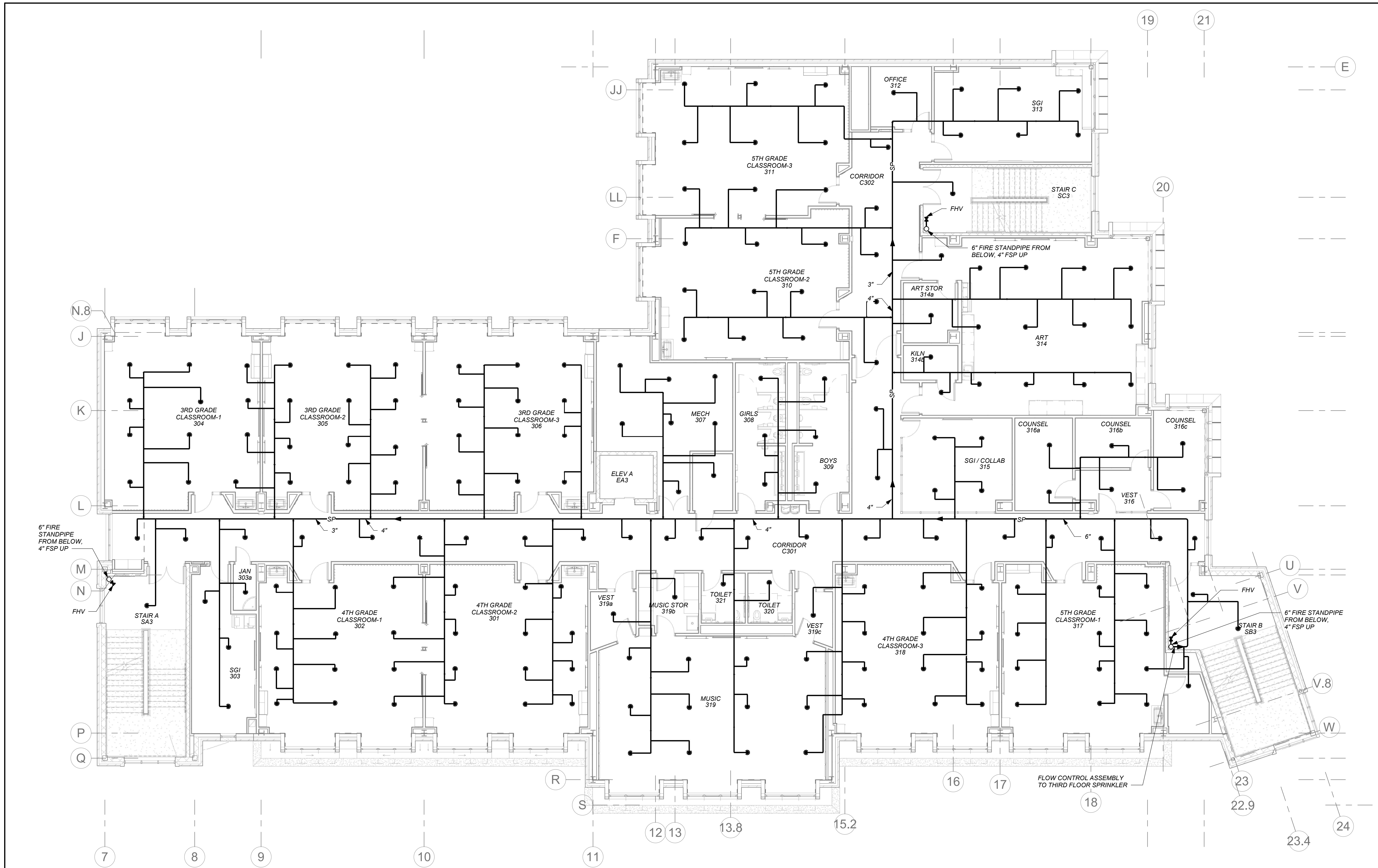
| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

3rd Floor Plan

| | | | |
|---------|-----------|-----------------|-----------|
| Job No. | 2019-1026 | Date | 11/17/20 |
| Scale | AS NOTED | Drawn / Checked | BGA / BGA |

Sheet Number
SP203



1 3RD FLOOR SPRINKLER PLAN
SP203



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

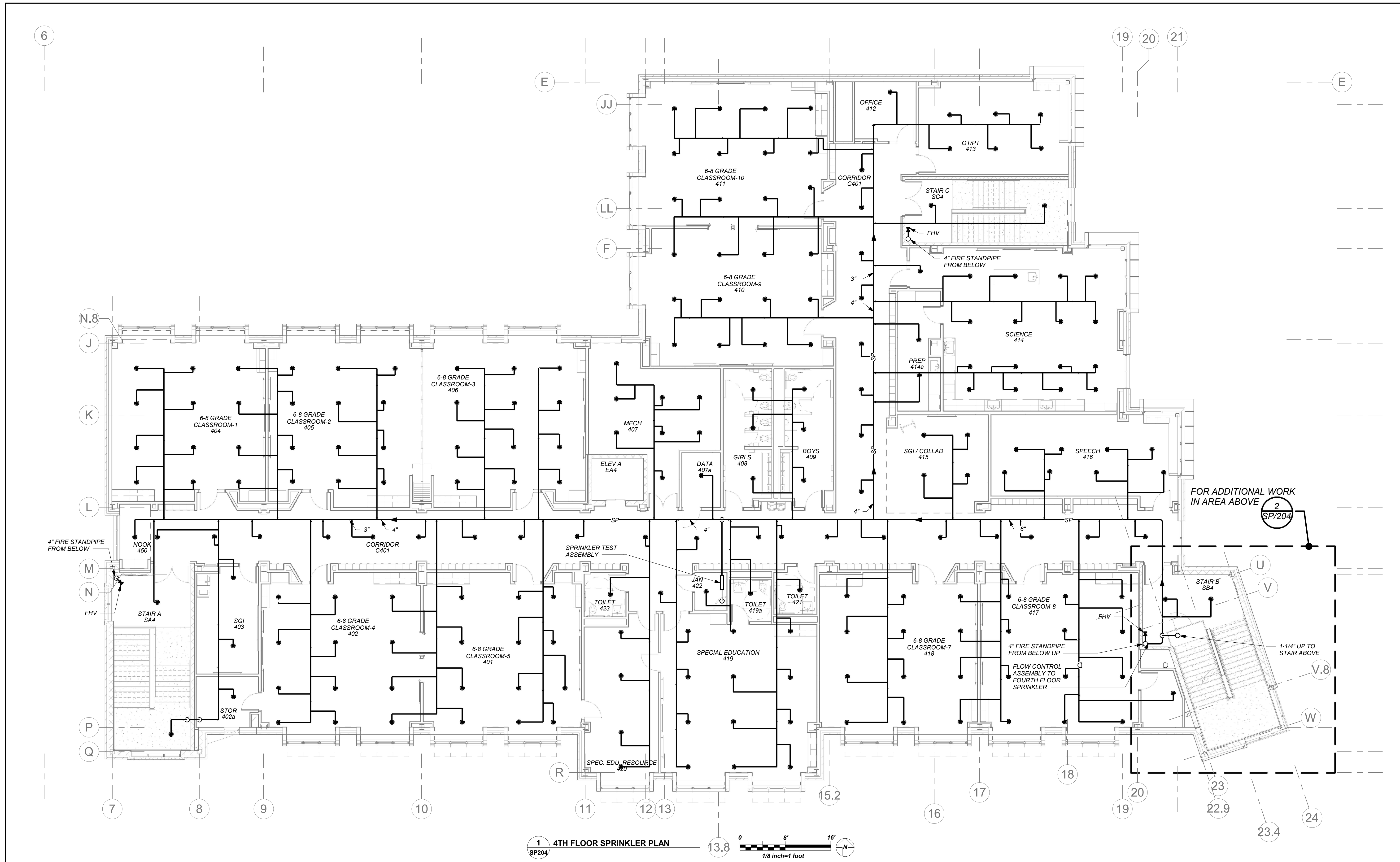
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

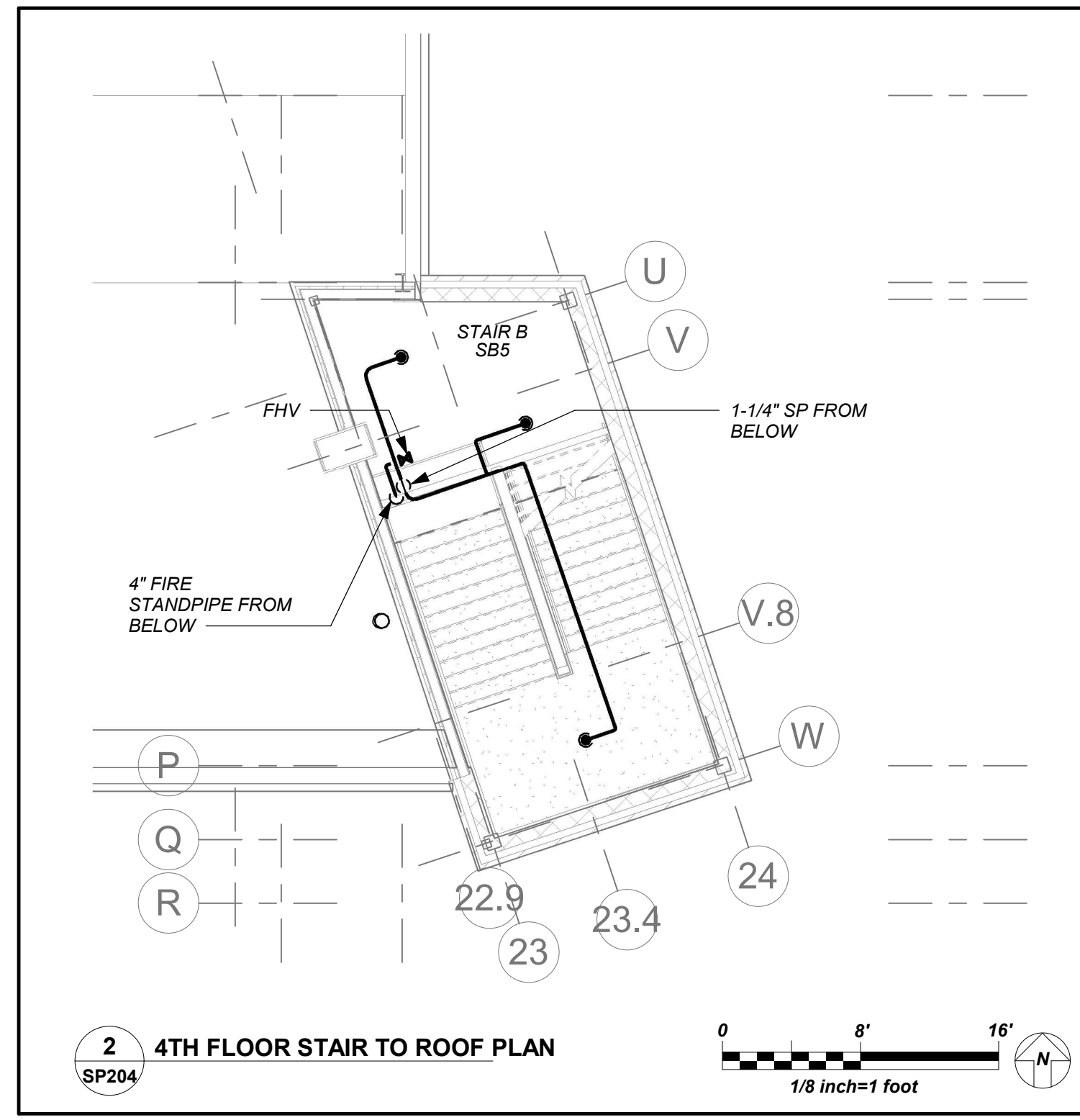


NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

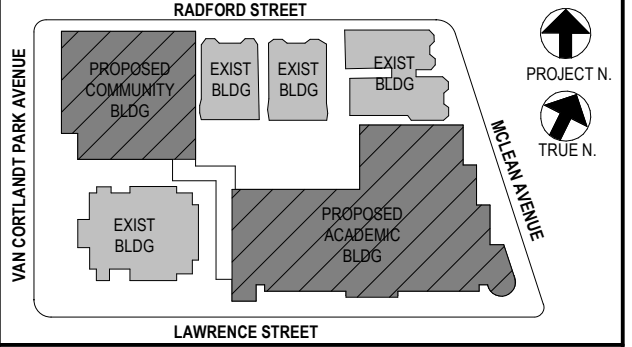
CONSTRUCTION DOCUMENTS



1 4TH FLOOR SPRINKLER PLAN



2 4TH FLOOR STAIR TO ROOF PLAN



NOTE: ALL LOCAL DESIGN ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOL CONSTRUCTION BOARD. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 26-1.5 OF NEW YORK STATE LAW. COPYRIGHT © YONKERS JOINT SCHOOL CONSTRUCTION BOARD. ALL RIGHTS RESERVED.

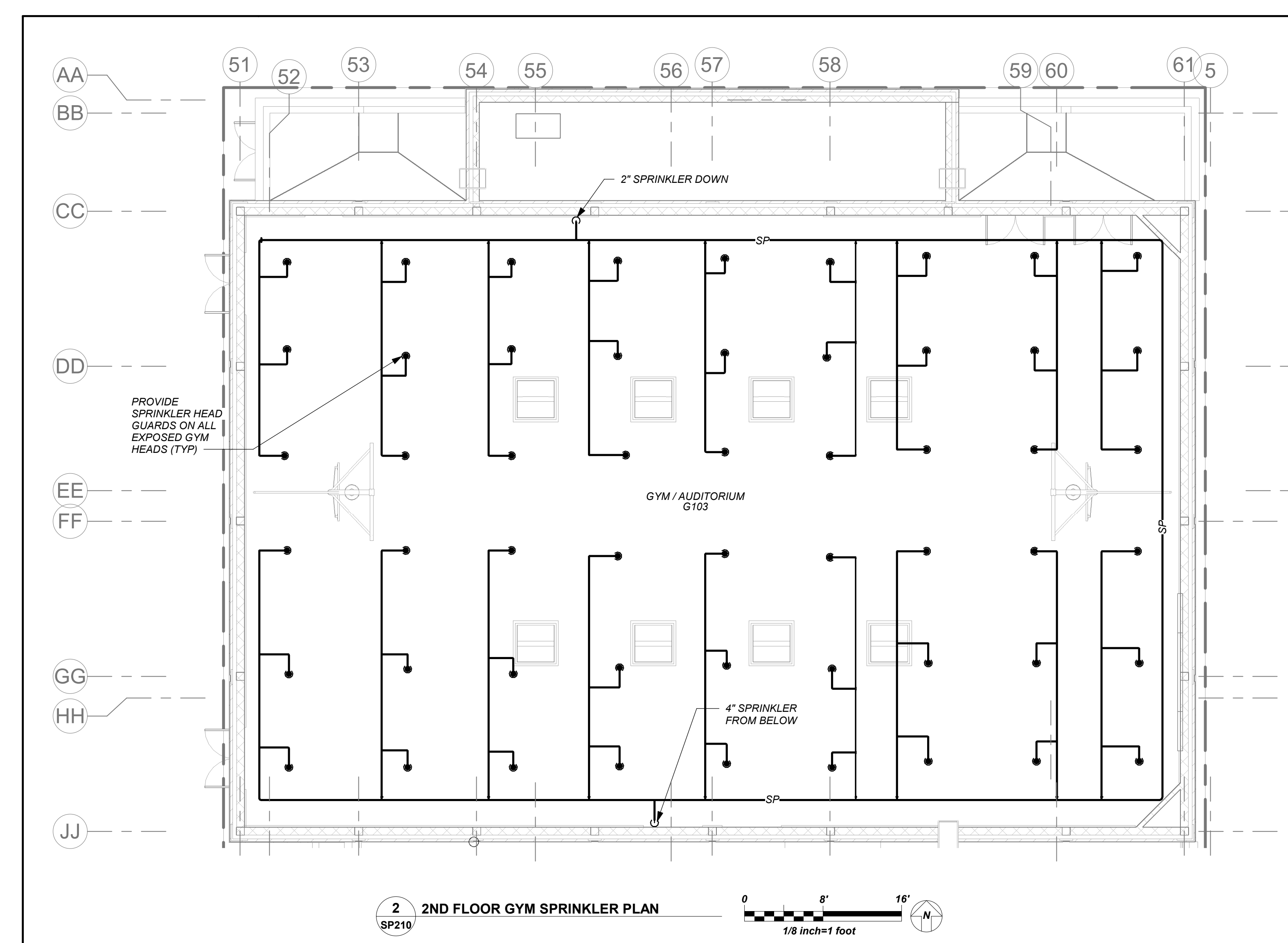
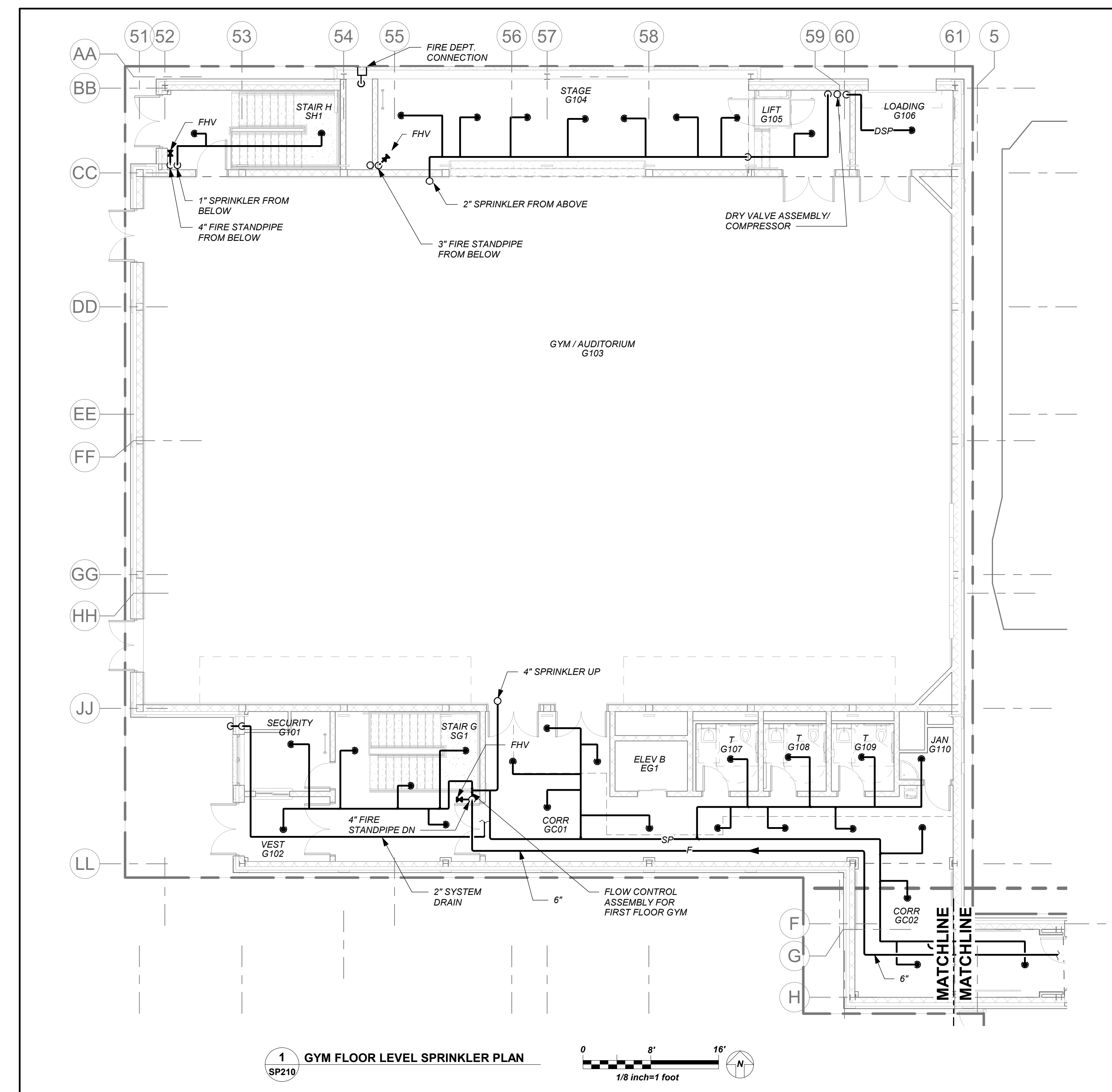
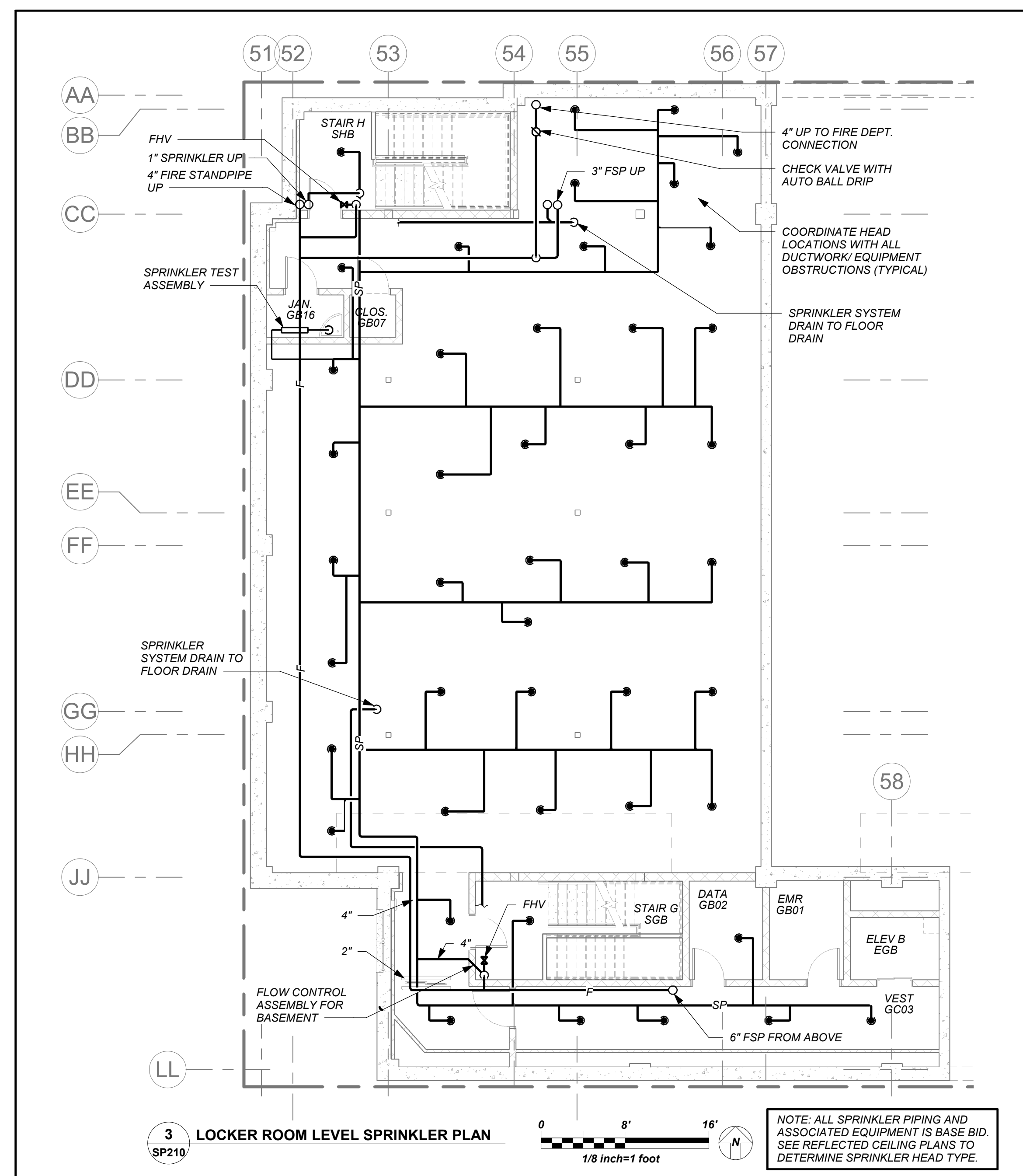
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
4th Floor Plan

| | | | |
|--------------|--------------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/17/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | SP204 | | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

1/14/2022 2:01:24 PM

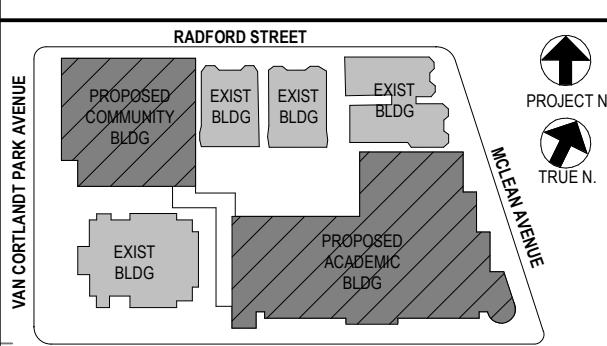
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

 BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS, P.C. HEREIN AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&S.
 WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.
 ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Community Wing Sprinkler Plan

Job No. 2019-1026 Date 11/16/20

Scale AS NOTED Drawn / Checked BGA / BGA

Sheet Number

SP210

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



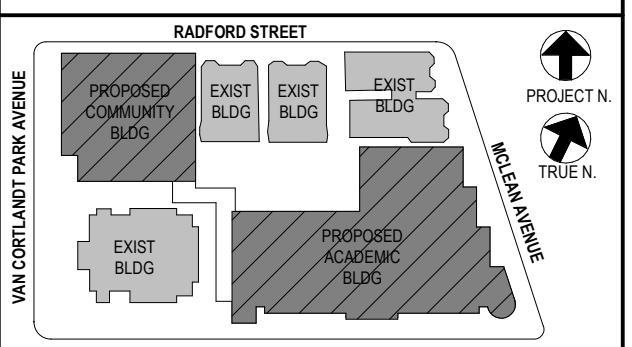
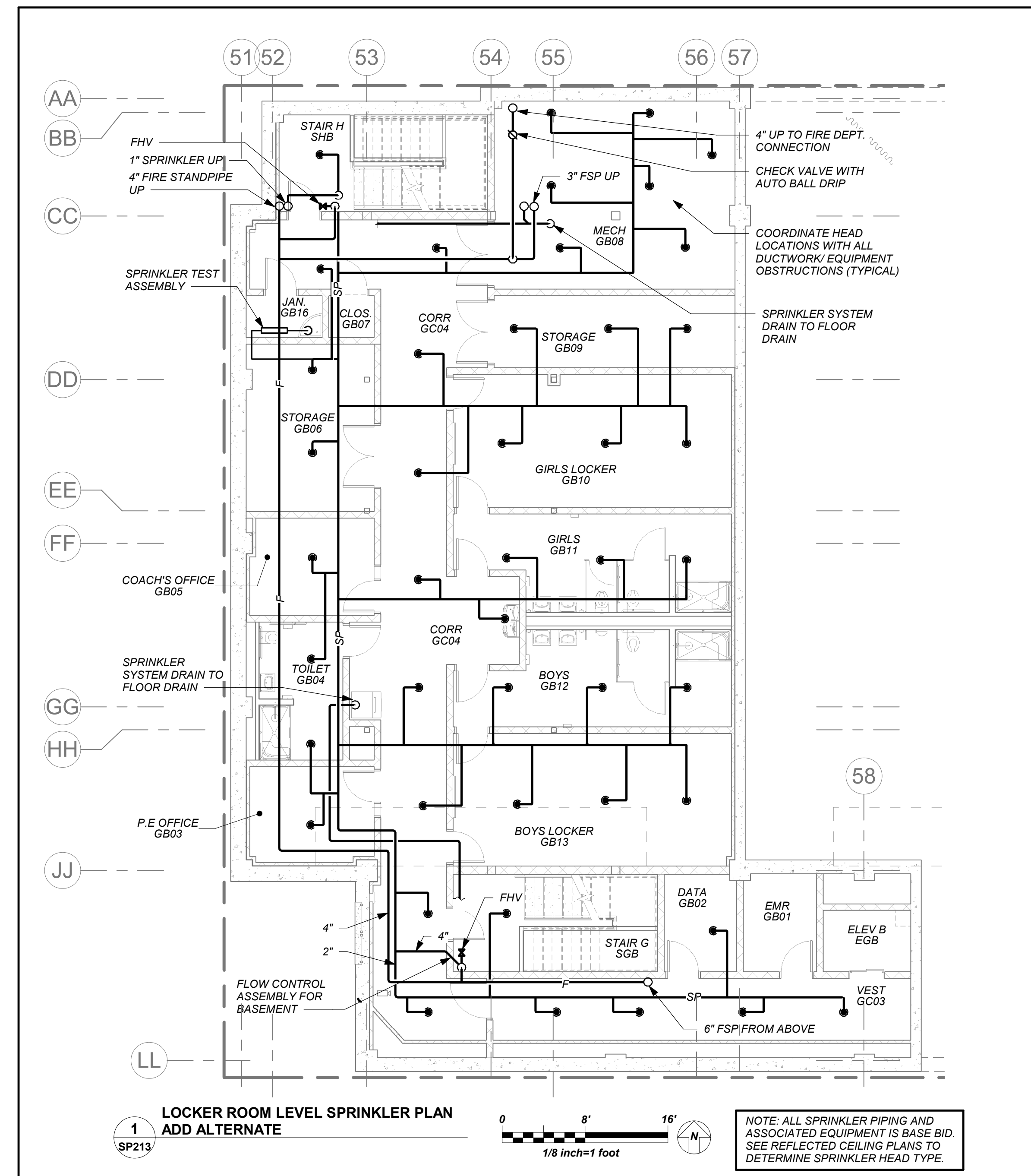
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL REGIONAL ARRANGEMENTS ARE PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & SHAWSON ARCHITECTS PC HEREIN AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 16-1.55 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & SHAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

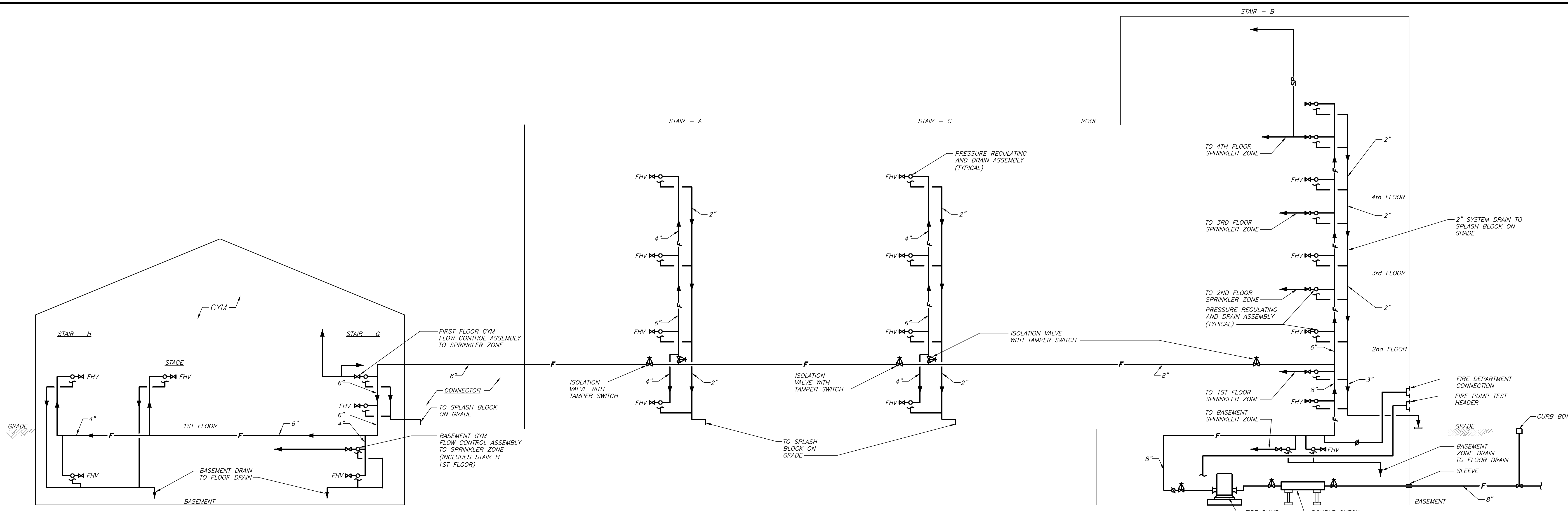
Community Wing Basement - Add Alt -
Gym Basement Fit-Out Plan

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/03/21 |
| Scale | AS NOTED | Drawn / Checked | BGA /BGA |

Sheet Number

SP213

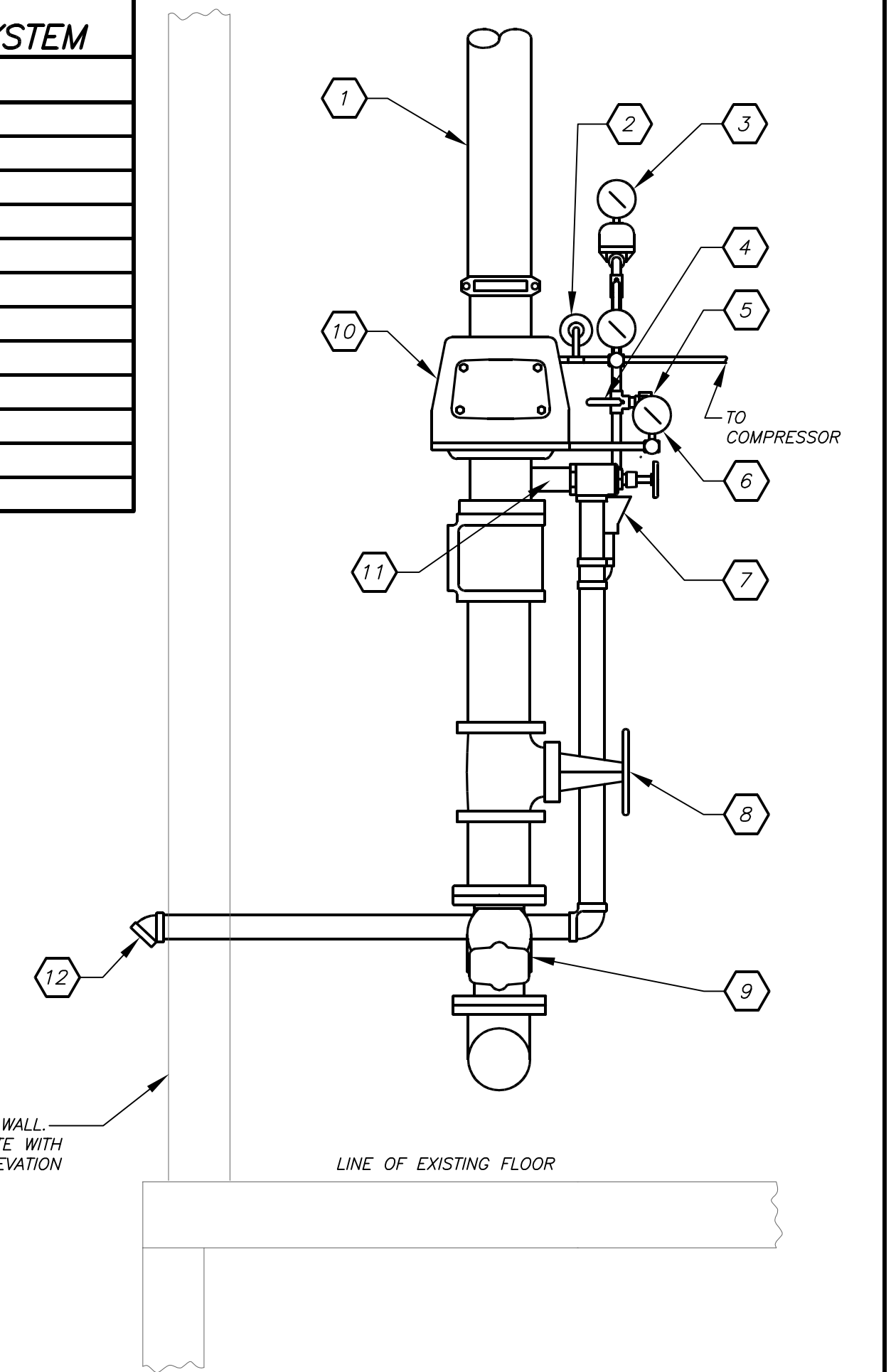
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



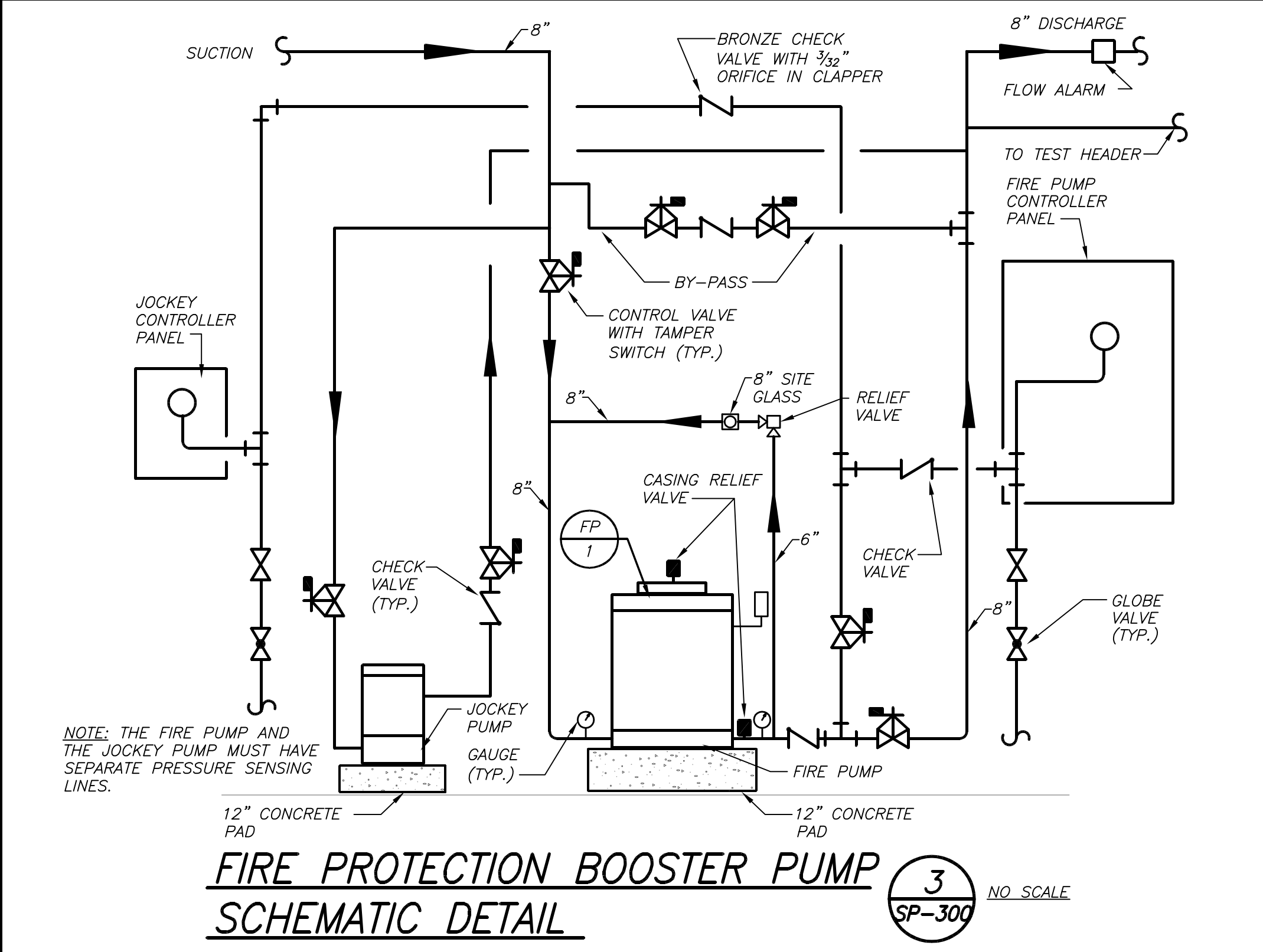
SPRINKLER/FIRE STAND PIPE SCHEMATIC RISER DIAGRAM 1 NO SCALE
 SP-300

LIST OF SPRINKLER RISER APPURTENANCES-DRY SYSTEM

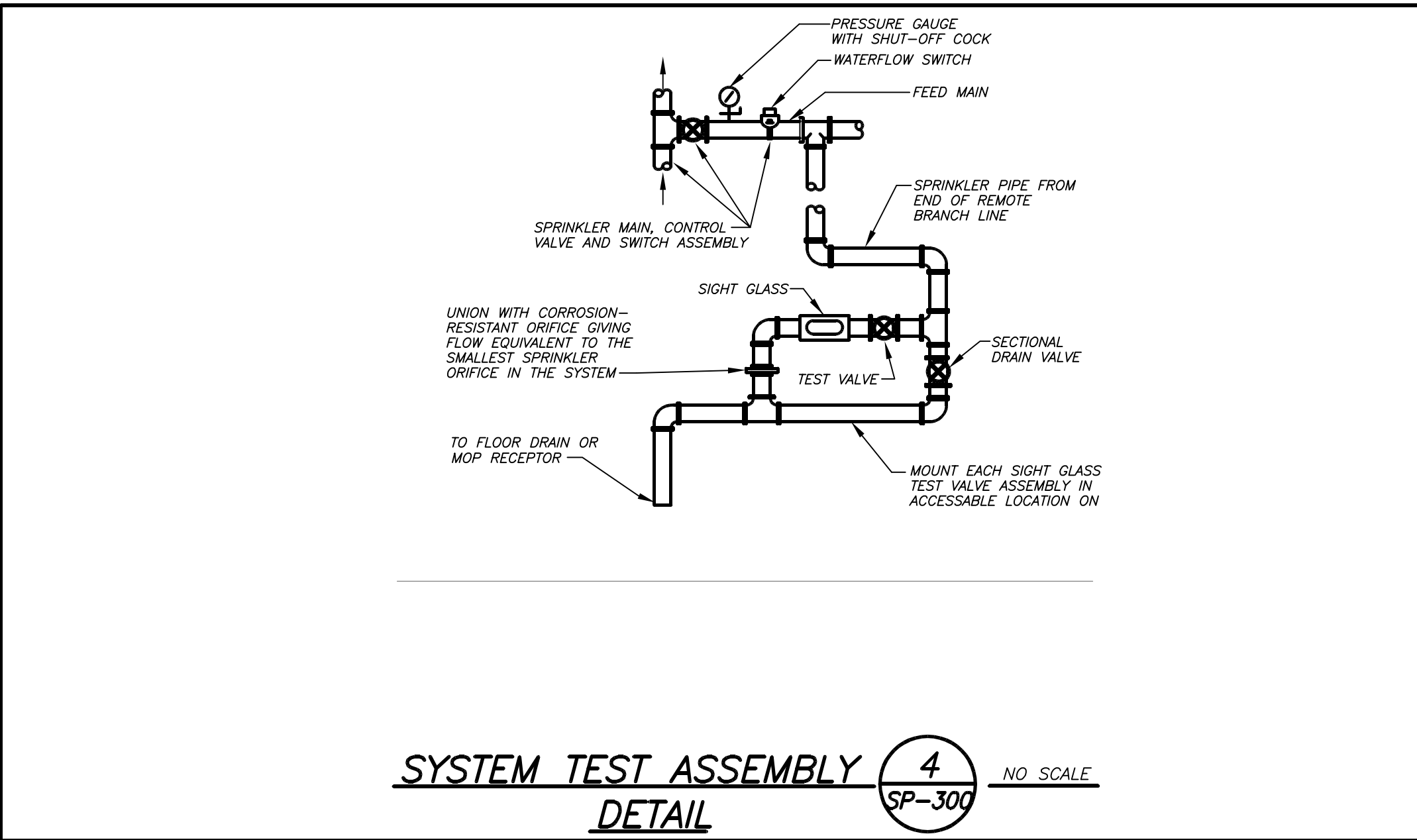
| MARK | DESCRIPTION |
|------|----------------------------------|
| 1 | TO SPRINKLER DISTRIBUTION SYSTEM |
| 2 | AIR PRESSURE MAINTENANCE DEVICE |
| 3 | ACCELERATOR |
| 4 | ALARM TEST VALVE |
| 5 | PRESSURE SWITCH (HIDDEN) |
| 6 | ALARM LINE STRAINER (HIDDEN) |
| 7 | DRAIN CAP/FUNNEL |
| 8 | G.S. & Y. VALVE W/T/S |
| 9 | CHECK VALVE |
| 10 | DRY VALVE |
| 11 | TEST DRAIN VALVE |
| 12 | TEST DRAIN |



DRY SPRINKLER RISER DETAIL 5 NOT TO SCALE
 SP-300



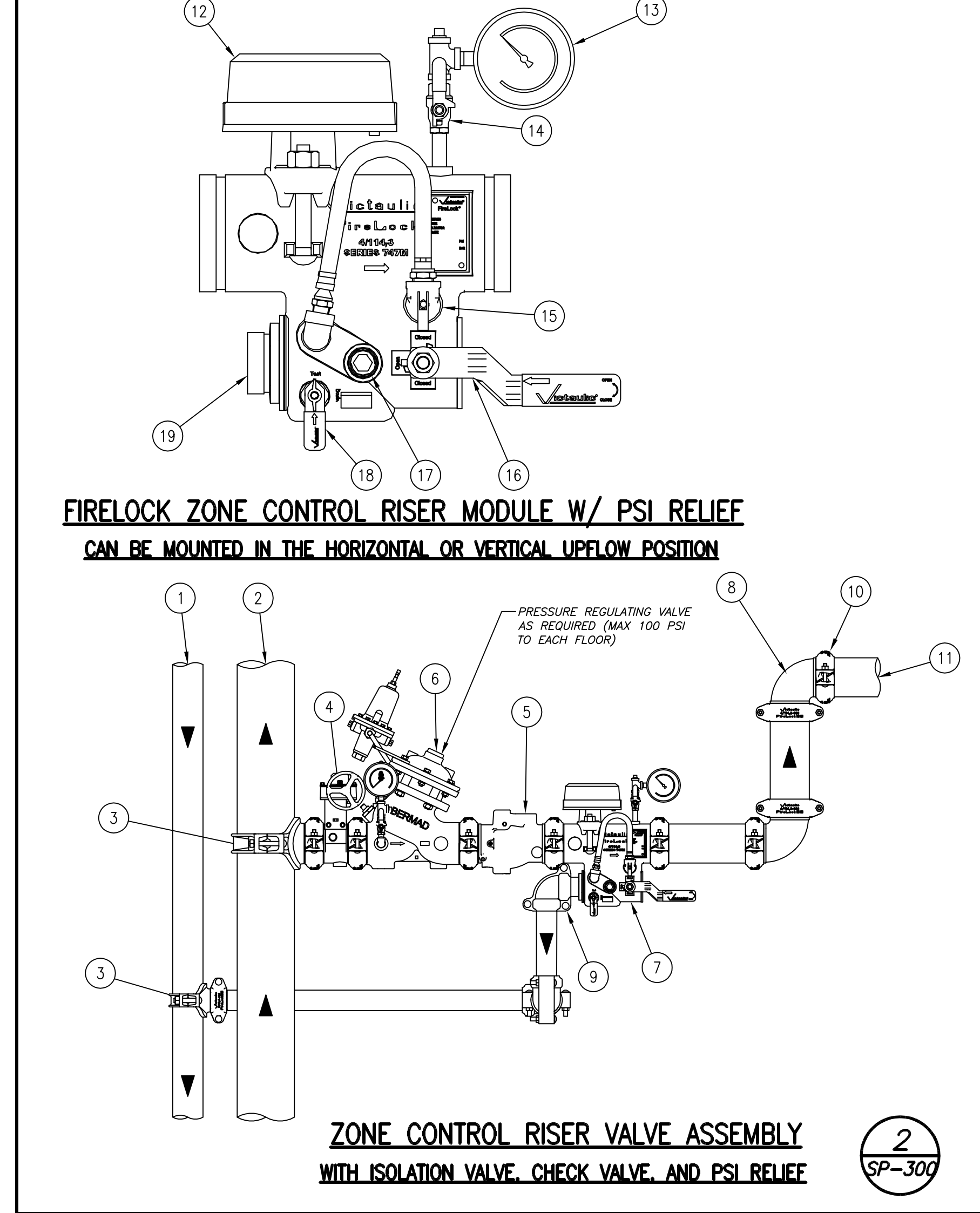
FIRE PROTECTION BOOSTER PUMP SCHEMATIC DETAIL 3 NO SCALE
 SP-300



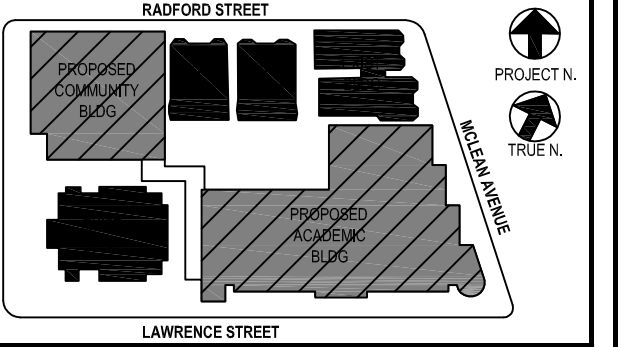
SYSTEM TEST ASSEMBLY DETAIL 4 NO SCALE
 SP-300

PRODUCT LEGEND

- DRAIN RISER
- RISER
- VIC MECHANICAL TEE STYLE 920M
- VIC FIRELOCK BUTTERFLY VALVE SERIES 705
- VIC FIRELOCK CHECK VALVE SERIES 717
- VICTAULIC SERIES 867 PRESSURE REDUCING VALVE (Bernad 720 UL/4" SHOWN)
- VIC FIRELOCK ZONE CONTROL RISER MODULE SERIES 747MP W/PSI RELIEF VALVE
- VIC FIRELOCK 90 DEG ELBOW No. 001
- VIC IR FIRELOCK 90 DEG ELBOW No. 101
- VIC FIRELOCK EZ RIGID COUPLING STYLE 029N (OR) RIGID COUPLING STYLE 005
- TO SPRINKLER SYSTEM
- UL LISTED FM APPROVED FLOW SWITCH (SYSTEM SENSOR MODEL WFD)
- PRESSURE GAUGE
- ISOLATION VALVE FOR GAUGE
- PRESSURE RELIEF VALVE
- SHUT OFF VALVE (OFFSET HANDLE FOR ACCESS ON BOTH SIDES)
- SHUT OFF VALVE (OFFSET HANDLE FOR ACCESS ON BOTH SIDES)
- SITE GLASS (VISIBLE FROM BOTH SIDES)
- TEST AND DRAIN VALVE (HANDLE ON BOTH SIDES)
- GROOVED DRAIN CONNECTION
- SEE VICTAULIC SUBMITTAL NUMBER 10.96



ZONE CONTROL RISER VALVE ASSEMBLY WITH ISOLATION VALVE, CHECK VALVE, AND PSI RELIEF 2 NO SCALE
 SP-300



NOTE: ALL DEAS, ORIGINAL ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, INC. (BG&A). NO PART OF THIS DRAWING IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF BG&A.

WRITTEN COMMENTS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTICED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS APPROVED HEREIN, IN VIOLATION OF TITLE 19, SECTION 2403 OF NEW YORK STATE LAW.

COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | |
|--|--|
| | |
| | |

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS12 |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. 1 Date Issue

BUILDING SPRINKLER / FIRE STANDPIPE RISER DIAGRAM AND DETAILS

| | | | |
|--------------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | SP300 | | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS, UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
- ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED.

FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"), IN UNFINISHED AREAS CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
- PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANELS BEING USED FOR THIS PROJECT.
- ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED, ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
- PROVIDE LOCK-ON CIRCUIT BREAKERS FOR CIRCUITS SERVING EXIT SIGN FIXTURES AND EMERGENCY BATTERY PACK FIXTURES.
- REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER CEILING INSTALLED ITEMS.
- THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX. MAXIMUM LENGTH 6'-0".
- EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
- WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS.
- CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.
- PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
- THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
- PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
- THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT, ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.
- COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
- ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDINGS.
- MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- ALL LIGHTING FIXTURES UTILIZING ELECTRONIC BALLASTS SHALL BE PROVIDED WITH A DESIGNATED NEUTRAL OR AN OVSERSIZED NEUTRAL WHEN SHARED.
- ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR.
- ALL EMERGENCY LIGHT FIXTURES DESIGNATED 'EM' SHALL BE SWITCHED UNLESS OTHERWISE NOTED, PROVIDE UL924 EMERGENCY RELAY TO BYPASS SWITCH UPON INTERRUPTION OF NORMAL POWER AND ILLUMINATE REGARDLESS OF SWITCH POSITION.
- WIRING FOR CLOCK AND P.A. SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED MANUFACTURER'S REQUIREMENTS, WIRING INDICATED ON DRAWINGS IS FOR REFERENCE ONLY. WIRING FOR P.A. SYSTEMS AND CLOCKS SHALL BE PLENUM RATED AND RUN EXPOSED ABOVE ACCESSIBLE CEILINGS. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT FOR CORRIDORS, CLASSROOMS AND OFFICES IT SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-500 AND/OR V-700).
- OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #PC-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
- ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH.
- PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
- LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.
- ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.
- CONTRACTOR IS OBLIGATED TO INSTALL THE LIGHTING SYSTEM AND CONTROLS IN OBSERVANCE OF ALL APPLICABLE LOCAL AND NATIONAL CODES IN ACCORDANCE WITH APPROVED SUBMITTALS, INCLUDING ALL NOTES AND REVISIONS.
- LIGHTING CONTROL SYSTEM MANUFACTURER OR REPRESENTATIVE SHALL PROVIDE OR ORCHESTRATE PROJECT MANAGEMENT AND QUALIFIED STARTUP OR COMMISSIONING SERVICES TO MEET THE SPECIFICATION AND CONTROL INTENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, WIRING, PLACEMENT, AND ADJUSTMENT OF ALL SENSORS AS PER MANUFACTURER'S SPECIFICATIONS, ENGINEER'S DESIGN INTENT, AND APPROVED SUBMITTALS.

BUILDING STRUCTURE FIREPROOFING:

THE BUILDING STRUCTURE WILL BE PROTECTED BY 2" FIREPROOFING THROUGHOUT. THIS CONTRACTOR SHALL ISSUE COORDINATION DRAWINGS ACCORDING TO THE STRICT SCHEDULE OUTLINED IN THE "FRONT END" DOCUMENTS. ALL HANGERS FOR PIPING, CONDUIT, DUCTWORK, EQUIPMENT, ETC. MUST BE IN PLACE BEFORE FIREPROOFING TAKES PLACE. THE INSTALLATION OF HANGERS AFTER THE FACT THAT REQUIRES THE RE-APPLICATION OF FIREPROOFING WILL BE AT THE EXPENSE OF THIS CONTRACTOR.

BASEMENT WATERPROOFING:

REFER TO STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR SLAB/WALL THICKNESS AND PENETRATION DETAILS. COORDINATE WITH G.C.

ABBREVIATIONS

| ABBV. | DESCRIPTION |
|----------|--|
| A | AMP/AMPERE |
| AC | AIR CONDITIONING UNIT |
| A.F.F. | ABOVE FINISHED FLOOR |
| AHU | AIR HANDLING UNIT |
| AIC | AMP INTERRUPTING CURRENT |
| ATS | AUTOMATIC TRANSFER SWITCH |
| AWG | AMERICAN WIRE GAUGE |
| C | CONDUIT |
| C.B. | CIRCUIT BREAKER |
| CH | CABINET HEATER |
| CKT | CIRCUIT |
| CU | CONDENSING UNIT |
| EM | EMERGENCY |
| E.C. | ELECTRICAL CONTRACTOR |
| EF | EXHAUST FAN |
| F.A.C.P. | FIRE ALARM CONTROL PANEL |
| F.B.O. | FURNISHED BY OTHERS |
| G.GRD | GROUND |
| GFI | GROUND FAULT INTERRUPTER |
| HVAC | HEATING, VENTILATING AND AIR-CONDITIONING UNIT |
| HWH | HOT WATER HEATER |
| inmil | THOUSAND CIRCULAR MILLS |
| KVA | KILOVOLT AMPERE |
| KW | KILOWATT |
| LGT | LIGHTING |
| MCB | MAIN CIRCUIT BREAKER |
| MDP | MAIN DISTRIBUTION PANEL |
| MLO | MAIN LUGS ONLY |
| MTD | MOUNTED |
| NTS | NOT TO SCALE |
| P.A. | PUBLIC ADDRESS |
| PNL | PANEL |
| RECPT | RECEPTACLE |
| TVSS | TRANSFER VOLTAGE SURGE SUPPRESSION SYSTEM |
| Typ. | TYPICAL |
| UH | UNIT HEATER |
| U.O.N. | UNLESS OTHERWISE NOTED |
| UV | UNIT VENTILATOR |
| W | WATT |
| WP | WEATHERPROOF |

LEGEND

| | |
|--|---|
| | 2x4 LED CEILING MOUNTED LIGHT FIXTURE, UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL, FIXTURE SCHEDULE DENOTES TYPE. |
| | 2x4 CEILING MOUNTED LED LIGHT FIXTURE FOR EMERGENCY OPERATION, 'EM' INDICATES SWITCHED EMERGENCY FIXTURE, 'EMAL' UNSWITCHED EMERGENCY/NIGHT FIXTURE. |
| | 1x4 LED CEILING MOUNTED FIXTURE, CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL, FIXTURE SCHEDULE DENOTES TYPE. |
| | 1x4 LED CEILING MOUNTED FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK-UP, TEST BUTTON AND L.E.D. |
| | CEILING/WALL MOUNTED EXIT LIGHT WITH OUTLET BOX, DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE, SCHEDULE DENOTES TYPE. |
| | FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING OUTLET "A", "X" WHERE USED INDICATES KEY SWITCH, "3" INDICATES 3-WAY SWITCH, "4" INDICATES 4-WAY SWITCH, HUBBELL MODEL #LVSJKEY-3M-SS |
| | FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH SIMILAR TO HUBBELL MODEL #LVSJM1NP |
| | FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH AND SENSOR SIMILAR TO HUBBELL LIGHTHAWK MODEL #LHMTST-G |
| | NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO HUBBELL MODEL PIR SENSORS FOR HALLWAYS, WORKS WITH DIGITAL ROOM CONTROLLER, PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN. HUBBELL MODEL #MMDT2 |
| | NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, WORKS WITH DIGITAL ROOM CONTROLLER, PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN. HUBBELL MODEL #MMDT2 |
| | CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR, SIMILAR TO HUBBELL OMNI US-1000-RP, PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN. WORKS WITH MOMENTARY SWITCH, WHERE SHOWN ON FLOOR PLAN, EC SHALL ALSO PROVIDE HUBBELL MODEL #OMIN0T2 |
| | CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR USED IN GYM, SIMILAR TO HUBBELL WASP2, PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN. WORKS WITH WALL STATION, USED IN GYM. |
| | NETWORK DIGITAL DIMMABLE ROOM CONTROLLER FOR LIGHTING CONTROL, SHOT WIRE TO LOAD, CAT 5 WITH CONNECTION TO CONTROL DEVICES, HUBBELL MODEL #WXRRC-XRD, "X" DENOTES ZONE |
| | NETWORK DIGITAL DIMMABLE ROOM EMERGENCY CONTROLLER FOR LIGHTING CONTROL, SHOT WIRE TO LOAD, CAT 5 WITH CONNECTION TO CONTROL DEVICES, HUBBELL MODEL #WXRRC-UL924-UNV |
| | NETWORK DIGITAL FLUSH MOUNTED PRESET NON DIMMABLE WALL STATION, WORKS WITH DIGITAL ROOM CONTROLLER, INCLUDES BUTTON ENGRAVING, DENOTES 3-WAY SWITCH, HUBBELL MODEL #WXSJW-95 |
| | NETWORK DIGITAL FLUSH MOUNTED PRESET DIMMABLE WALL STATION, WORKS WITH DIGITAL ROOM CONTROLLER, INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONE, "X" DENOTES ZONES, "3" DENOTES 3-WAY SWITCH, HUBBELL MODEL #WXSJW-SS |
| | NETWORK DIGITAL CEILING MOUNTED CLOSED LOOP PHOTO SENSOR, WORKS WITH ROOM CONTROLLER, HUBBELL MODEL #XNDS |
| | EMERGENCY LIGHTING UL924 RELAY. |
| | EMERGENCY LIGHTING LVS MODEL, PART #EPC-D |
| | CEILING/WALL MOUNTED JUNCTION BOX. |
| | FLUSH FLOOR MOUNTED JUNCTION BOX |
| | HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT, HOMERUN SHALL CONSIST OF 2#12-3/4" U.O.N. |
| | HOMERUN TO DESIGNATED PANEL, NUMBERS INDICATE MULTIPLE CIRCUIT, I.E. 3-SHOTS AND 1-GROUND U.O.N. |
| | 125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE TAMPER RESISTANCE WALL MOUNTED DUPLEX RECEPTACLE SIMILAR TO HUBBELL #532WTR |
| | 125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE TAMPER RESISTANCE USB PORT WALL MOUNTED DUPLEX RECEPTACLE SIMILAR TO HUBBELL #USB 20A5W |
| | 20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362. |
| | SPECIAL PURPOSE 208V-3-0-4P WALL MOUNTED RECEPTACLE FOR KITCHEN EQUIPMENT, COORDINATE EXACT CONFIGURATION WITH EQUIPMENT. |
| | TEACHER'S WALL STATION, CONSISTS OF TWO GANG AV WALL BOX (HUBBELL #HBL985), HUBBELL 1STATION MODULAR DOUBLE FACEPLATE WITH LABELS (HUBBELL #HMF2XX), CONTAINING (1) HDMI 110 UTP VIDEO EXTENDER (SOURCE) DECORATOR TYPE FEMALE ADAPTER (HUBBELL #SHFT10XX), (3) 1STATION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL #M1K1XX) WITH RJ45 FEMALE BULKHEADS (HUBBELL #HX16XX) - (1) RJ45 DATA CAT 6 CABLE (BLUE) AND (2) BLANKS (HUBBELL #HB1XX), ALSO PROVIDE (1) CAT 6 CABLE (BLUE) FROM HDMI FEMALE ADAPTER TO SMART BOARD HDMI ADAPTER, (PROVIDE STAINLESS STEEL COVER PLATE, DEVICE COLOR TO BE SELECTED BY OWNER/ARCH, INCLUDE ALL ASSOCIATED ACCESSORIES FOR A COMPLETE SYSTEM. |
| | SMART BOARD WALL STATION, CONSISTS OF 4-GANG IN-WALL ENCLOSURE WITH NEW WORK STUD BRACKETS AND COVER CONTAINING CABLE EXIT (HUBBELL #NS4V124M, NS4V120, NS4V6NW), (2) DUPLEX RECEPTACLES (HUBBELL #NSOKPTR), (2) HUBBELL 1STATION MODULAR FACEPLATE WITH LABELS (HUBBELL #HMF1XX) HDMI 110 UTP VIDEO EXTENDER (DISPLA) DECORATOR TYPE FEMALE ADAPTER (HUBBELL #SHFT10XX), (1) 1STATION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL #M1K1XX) WITH RJ45 FEMALE BULKHEAD (HUBBELL #HX16XX) FOR (1) RJ45 DATA CAT 6 CABLE (BLUE) AND (2) BLANKS (HUBBELL #HB1XX), ALSO HDMI ADAPTER WILL BE WIRED TO "HD" AT TEACHER'S DESK AS INDICATED ABOVE. DEVICE COLOR TO BE SELECTED BY OWNER/ARCH, INCLUDE ALL ASSOCIATED ACCESSORIES FOR A COMPLETE SYSTEM. |
| | FLUSH WALL MOUNTED COMBINATION DATA OUTLET CONSISTING OF A (2) PORT COVER PLATE WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (1) CAT 6 CABLE (BLUE) STUBBED ABOVE CEILING WITH BUSHINGS. CAT 6 CABLE FROM THIS OUTLET TO TERMINATE IN TP PATCH PANEL OF NEAREST IDF/MDF CLOSET. |
| | FLUSH WALL MOUNTED COMBINATION TELEPHONE/DATA OUTLET CONSISTING OF A (2) PORT COVER PLATE WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (1) CAT 6 CABLE (BLUE) STUBBED ABOVE CEILING WITH BUSHINGS. CAT 6 CABLE FROM THIS OUTLET TO TERMINATE IN TP PATCH PANEL OF NEAREST IDF/MDF CLOSET. |
| | FLUSH WALL MOUNTED COMBINATION TELEPHONE OUTLET CONSISTING OF A (2) PORT COVER PLATE WITH LABEL WINDOW AND 1 1/4" CONDUIT WITH (1) CAT 6 CABLE (BLUE) STUBBED ABOVE CEILING WITH BUSHINGS. CAT 6 CABLE FROM THIS OUTLET TO TERMINATE IN TP PATCH PANEL OF NEAREST IDF/MDF CLOSET. |
| | FLUSH MOUNTED ELECTRICAL PANELBOARD. |
| | SURFACE MOUNTED NEW ELECTRICAL PANELBOARD. |
| | 12" WALL MOUNTED PRIMEX WIRELESS CLOCK |
| | VOICE ACTIVATOR |
| | CALL-IN BUTTON |
| | CEILING MOUNTED P.A. SPEAKER. |
| | GYMNASIUM SOUND SPHERE AMPLIFIERS. |
| | 125V 2P-3W-20A FLOOR MOUNTED RECEPTACLES IN A 1 GANG SINGLE SERVICE PEDESTAL FLOOR BOX, RECEPTACLE: HBL 536L, FLOOR BOX: HUBBELL SA-6695G, BLANK PLATE FOR BACK SS13 COVER PLATE S58. |
| | 125V 250V 3P-4W-50 FLOOR MOUNTED RECEPTACLE IN A 2 GANG SINGLE SERVICE PEDESTAL FLOOR BOX, RECEPTACLE: HBL-9450A, FLOOR BOX: HUBBELL SA-6688G, BLANK COVER PLATE FOR BACK OF BOX: S523, COVER PLATE: S523 |
| | FLOOR MOUNTED COMBINATION TELEPHONE/DATA OUTLET CONSISTING OF (2) PORT COVER PLATE, FLOOR BOX: HUBBELL-SA-8655G, BLANK PLATE FOR BACK/SS13 COVER PLATE, STAINLESS STEEL COVERPLATE, SIMILAR TO DECORA S526. |

LEGEND

| | |
|--|---|
| | HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION, 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, WF INDICATES NON-FUSED OR FUSE SIZE U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE, 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R). |
| | VARIABLE FREQUENCY DRIVE, FURNISHED BY MECHANICAL CONTRACTOR, WIRED AND INSTALLED BY ELECTRICAL CONTRACTOR, THE CONDUIT AND WIRING FROM VFD TO MECHANICAL UNIT INTER CONNECTION SHALL MATCH THE SAME SIZE AND CONDUIT AND WIRE FROM VFD TO DESIGNATED PANELBOARD, REFER TO PANEL SCHEDULE OR NOTES FOR CONDUIT WIRE AND SIZE. |
| | THERMAL SWITCH, CUTLER-HAMMER MS SERIES MANUAL STARTERS SINGLE-PHASE 20AMP, 120V U.O.N. WHERE INDICATED WITH 'WP' PROVIDE WATERIGHT ENCLOSURE TYPE 3. |
| | 208 VOLT SINGLE PHASE 2 POLE, THERMAL OVERLOAD PROTECTED TOGGLE TYPE SWITCH, SIMILAR TO EATON HAH4381 + HAH2740G NEMA 1 ENCLOSURE. |
| | MOTOR (E.B.O. WIRED BY E.C.), NUMBER INDICATES HORSEPOWER, REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION. |
| | WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE. |
| | WALL MOUNTED FIRE ALARM MANUAL PULL STATION |
| | SPRINKLER WATER FLOW SWITCH. |
| | SPRINKLER TAMPER SWITCH. |
| | MOTORIZED DAMPER |
| | FIRE/SMOKE MOTORIZED DAMPER PROVIDED BY OTHERS AND WIRED BY E.C., E.C. SHALL PROVIDE RELAYS AND DRY CONTACTS FOR FIRE ALARM MONITORING/INTERFACE/DAMPER CONTROL, PROVIDE ALL WIRING AS REQUIRED. |
| | CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR |
| | PHOTOELECTRIC SMOKE BEAM DETECTOR TRANSMITTER AND RECEIVER WITH REFLECTOR |
| | REMOTE INDICATING PANEL FOR SMOKE BEAM DETECTOR, NUMERAL INDICATES DETECTOR SERVED. |
| | CEILING OR WALL MOUNTED CARBON MONOXIDE DETECTOR |
| | CEILING OR WALL MOUNTED GAS LEAK DETECTOR |
| | DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR WITH REMOTE MOUNTED L.E.D. AND TEST BUTTON, MOUNT L.E.D. & TEST BUTTON UNDER SINGLE COVER PLATE ON CEILING (TYP. U.O.N.), PROVIDE (REMOTE) CONTROL RELAY MODULE FOR FAN SHUT-DOWN, RELAY MODULE TO BE MOUNTED ADJACENT TO MECHANICAL EQUIPMENT, ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT STARTER DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN. |
| | DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR WITH (REMOTE) CONTROL RELAY MODULE FOR FAN SHUT-DOWN, RELAY MODULE TO BE MOUNTED ADJACENT TO MECHANICAL EQUIPMENT, ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN. |
| | CEILING MOUNTED HEAT DETECTOR |
| | WALL MOUNTED FIRE ALARM STROBE LIGHT. |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM ALPHANUMERIC ANNUNCIATOR PANEL. |
| | CONTROL STATION FOR GAS VALVE |
| | ELECTROMAGNETIC DOOR HOLDER, FURNISHED BY GENERAL CONTRACTOR VENDOR AND INSTALLED BY ELECTRICAL CONTRACTOR |
| | FLOOR MOUNTED ELECTROMAGNETIC DOOR HOLDER FURNISHED BY GENERAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR |
| | INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES, IN NEMA 1 ENCLOSURE, ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN. |
| | BREAK GLASS STATION FOR BOILER SHUT DOWN. |
| | EMERGENCY POWER OFF KEY SWITCH/PUSH BUTTON |
| | WIRELESS ACCESS POINT, PROVIDE (1) CAT 6 CABLE PER LOCATION, DEVICE COLOR TO BE SELECTED BY OWNER/ARCH, INCLUDE ALL ASSOCIATED ACCESSORIES FOR A COMPLETE SYSTEM. |
| | MOTARIZED SHADES KEYPAD SIMILAR TO SOMFY DECOFLX |
| | MOTARIZED SHADES CONTROLLER SIMILAR TO SOMFY # 4N1. |
| | RESCUE ASSISTANCE ANNUNCIATOR PANEL AS INDICATED ON PLAN |
| | RESCUE ASSISTANCE REMOTE ANNUNCIATOR |
| | AREA OF REFUGE CALL STATION |
| | TAG SYMBOL, NUMERAL DENOTES REFERENCE TO A WORK NOTE. |
| | MECHANICAL EQUIPMENT IDENTIFICATION: EQUIPMENT ABBREVIATION (FE, SF, HV, ETC. SEE ABBREVIATIONS ON THIS DWG.) EQUIPMENT NUMBER |
| | DETAIL/PART PLAN NUMBER IDENTIFICATION: DETAIL/PART PLAN NUMBER DRAWING NUMBER |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



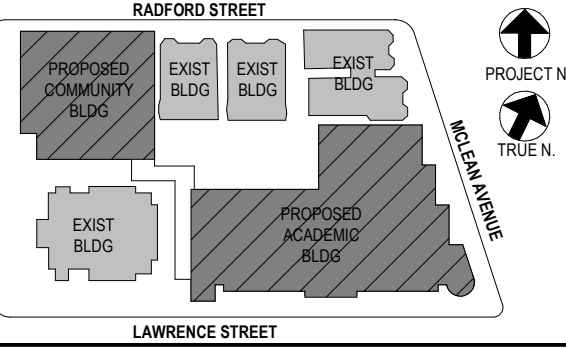
KG+D . ARCHITECTS PC
265 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHTECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVE. PLASANTVILLE, NY 10770
PLAS26.009 GENENAL.BGGA-ENG.COM WWW.BGGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, AMENDMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANTEX GARMENT & SHIRTWORKS INC. PC WEARS, AND HERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (BGD).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR REGISTERED PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-03.0 OF NEW YORK STATE LAW. COPYRIGHT © 2020 ANTEX GARMENT & SHIRTWORKS ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

LEGENDS ABBREVIATIONS AND NOTES

| | | | |
|--------------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 08/31/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | E001 | | |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



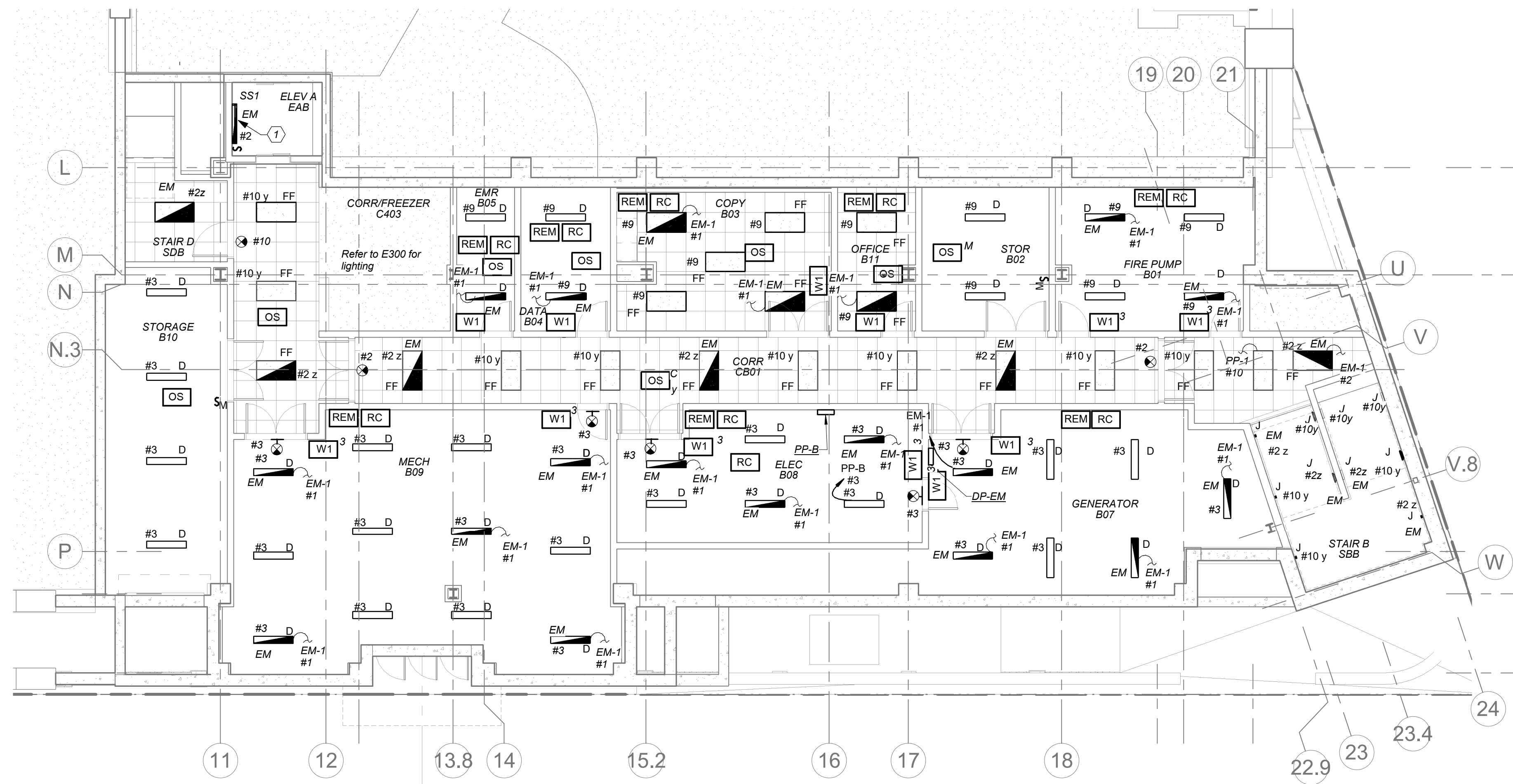
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.262.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 BASEMENT FLOOR ELECTRICAL LIGHTING PLAN
E200

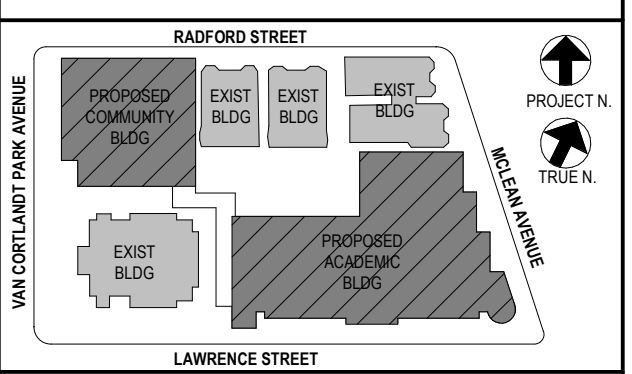
Scale: 1/8" = 1'-0"

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

- MECHANICAL ROOMS, ELECTRICAL ROOM, FIRE PUMP ROOM AND GENERATOR ROOM NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'MA' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH 'MD', WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT.). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
- CLASSROOM CONFERENCE ROOM ARE CONTROLLED VIA MANUAL ON AUTO OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' OFF, 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. CLASSROOMS THAT HAVE EMERGENCY LIGHTING SHALL HAVE A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE DESIGNATED ZONE IN LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.

WORK NOTES

- PROVIDE 4' STRIP LIGHTING 4000 LUMENS, 4000K COLOR TEMPERATURE, 0-10V DIMMING. CONNECT TO EMERGENCY LIGHT CIRCUIT MANUFACTURED BY COLUMBIA MODEL# LSCS-4040. EXACT LOCATION OF ELEVATOR PIT LIGHTING FIXTURE INSTALLATION SHALL BE COORDINATED WITH VENDOR BEFORE THE START OF ANY WORK. PROVIDE A LIGHT SWITCH NEAR LADDER AND COORDINATE EXACT LOCATION WITH VENDOR BEFORE THE START OF ANY WORK.



NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANEX GARBETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF JG&D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLabeled DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR REGISTERED PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022, GARBETT & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

BASEMENT FLOOR ELECTRICAL LIGHTING PLAN

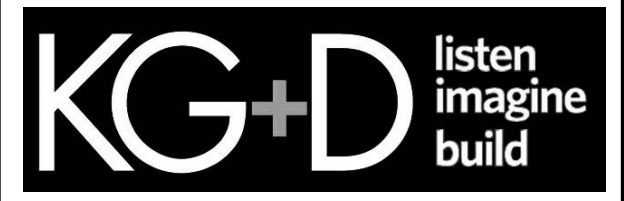
Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

E200

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



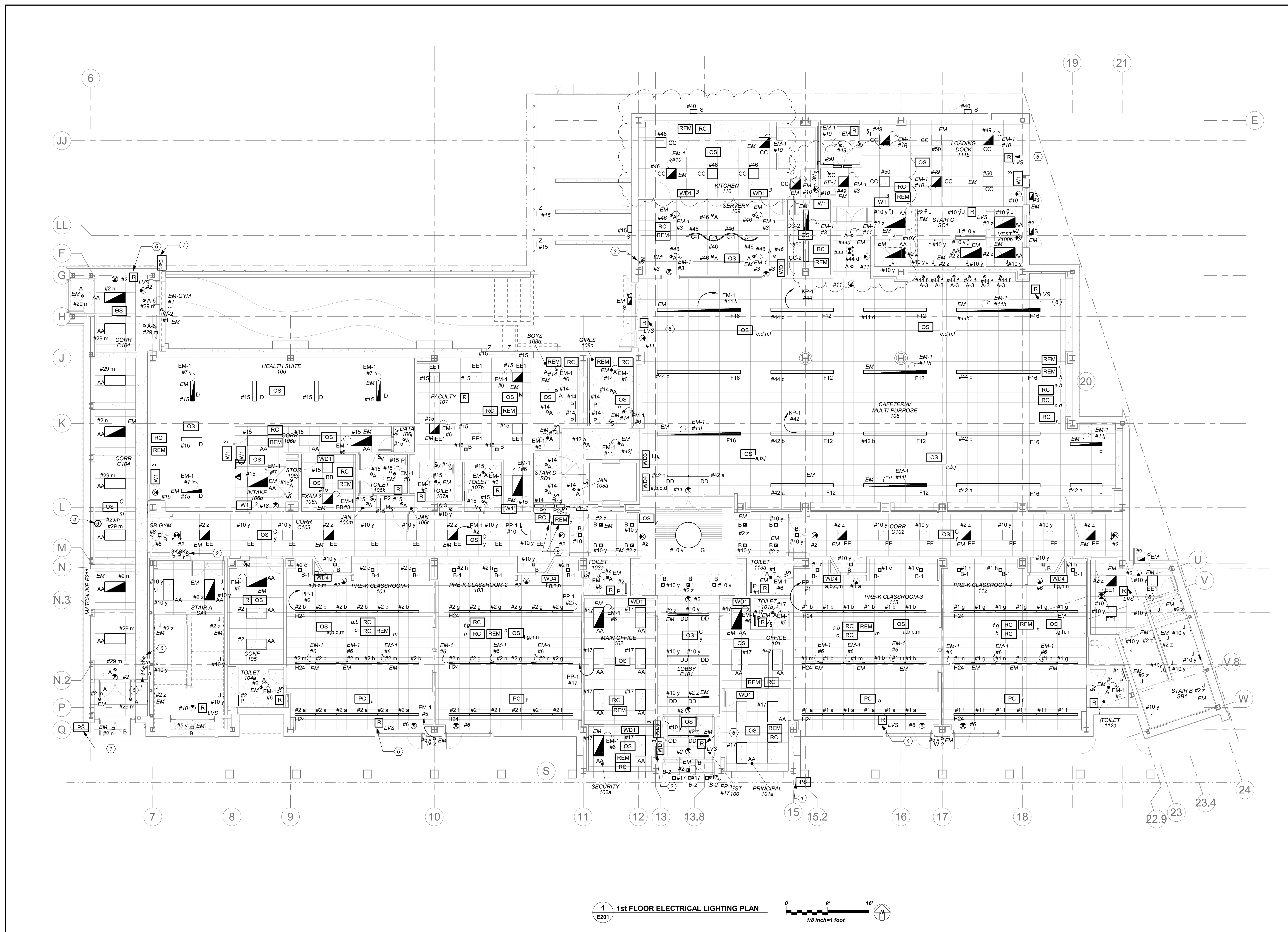
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

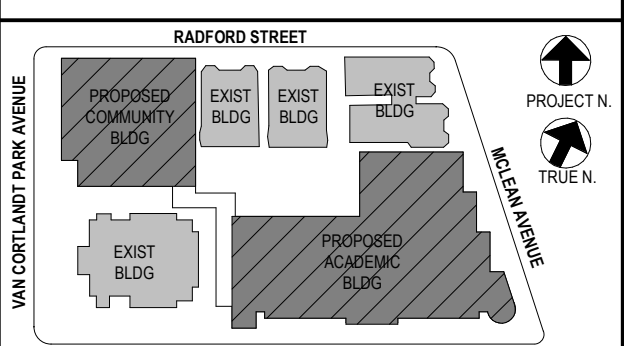
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 1st FLOOR ELECTRICAL LIGHTING PLAN
E201



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS ARE INDICATED OR REPRESENTED BY THIS DRAWING AND ARE OWNED BY AND ARE THE PROPERTY OF THE ARCHITECT. THE ARCHITECT HAS CONDUCTED VISUAL VERIFICATION OF THE EXISTING CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHEET DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 24, SECTION 24-150 OF NEW YORK STATE LAW. COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, ARCHITECTS, P.C. ALL RIGHTS RESERVED.

Professional Seal

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

1. PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
2. ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.
3. PROVIDE NEW EXTERIOR L.E.D. TYPE EMERGENCY LIGHT OVER EVERY EXTERIOR DOORS CONTROLLED VIA PHOTOCELL.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

1. MECHANICAL ROOMS, NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
2. ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
3. ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'M' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH 'MD'. WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
4. EXTERIOR BUILDING MOUNTED LIGHTS ARE CONTROLLED VIA BUILT-IN PHOTOCELL AND STEP-DIM MOTION SENSORS. PROVIDE ALL REQUIRED IN BUILT BATTERY BACKUP SHALL OVERRIDE ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.
5. CLASSROOM CONFERENCE ROOM ARE CONTROLLED VIA MANUAL ON AUTO OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' OFF, 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. CLASSROOMS THAT HAVE EMERGENCY LIGHTING, SHALL HAVE A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE DESIGNATED ZONE IN LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.

WORK NOTES

1. PROVIDE TORK 2001 SERIES PHOTOCELL WHICH IS TO BE MOUNTED ON BUILDING WALL TO OPERATE EXTERIOR EMERGENCY LIGHTING. CONTRACTOR TO AVOID MOUNTING PHOTOCELL UNDER OVERHANG.
2. THE INDICATED SWITCHES SHALL CONTROL ALL CORRIDOR LIGHTING AND STAIRWAY LIGHTING THROUGHOUT THE BUILDING. PROVIDE LEXAN COVER EXACT LOCATION SHALL BE COORDINATED WITH OWNER BEFORE THE START OF ANY WORK.
3. MOMENTARY LIGHT SWITCH SHALL CONTROL "Z" FIXTURES ON THE EXTERIOR STEPS.
4. PROVIDE WALL MOUNTED JUNCTION BOX FOR DISPLAY CASE LIGHTING. LIGHT SHALL BE HARDWIRED TO CORRIDOR CIRCUIT HAS SHOWN. IF LIGHT FIXTURE COMES WITH J-CORD, EC SHALL REMOVE J-CORD, AND REWIRE CIRCUIT DIRECTLY TO FIXTURE JUNCTION BOX/DRIVER. COORDINATE THE EXACT LOCATION OF JUNCTION BOX WITH ARCHITECT BEFORE THE START OF ANY WORK.
5. 3 WAY KEYS SWITCHES SHALL CONTROL CORRIDOR LIGHTING FOR THE ENTIRE COMMUNITY BUILDING CORRIDOR LIGHTING. REFER TO E210 AND E211 FOR ADDITIONAL SWITCHING AND CONTROLS. COORDINATE THE EXACT LOCATION BEFORE THE START OF ANY WORK.
6. RELAY SHALL CONTROL EXTERIOR EGRESS EMERGENCY LIGHTS.
7. EXACT MOUNTING LOCATION TO BE COORDINATED WITH OWNER AND ARCHITECT BEFORE THE START OF ANY WORK.
8. THE NORMAL ROOM CONTROLLER "Y" AND EMERGENCY ROOM CONTROLLER "Z" SHALL CONTROL CORRIDOR LIGHTING ON THIS FLOOR AND SHALL BE CONNECTED TO SIMILAR ON OTHER FLOORS. THEY SHALL BE CONTROLLED VIA SWITCHING AT MAIN VESTIBULE 100.

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

| | | | |
|--------------|-------------|------------------------------------|----------|
| Sheet Title | | 1st FLOOR ELECTRICAL LIGHTING PLAN | |
| Job No. | 2019-1026 | Date | 8/31/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/ BGA |
| Sheet Number | E201 | | |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

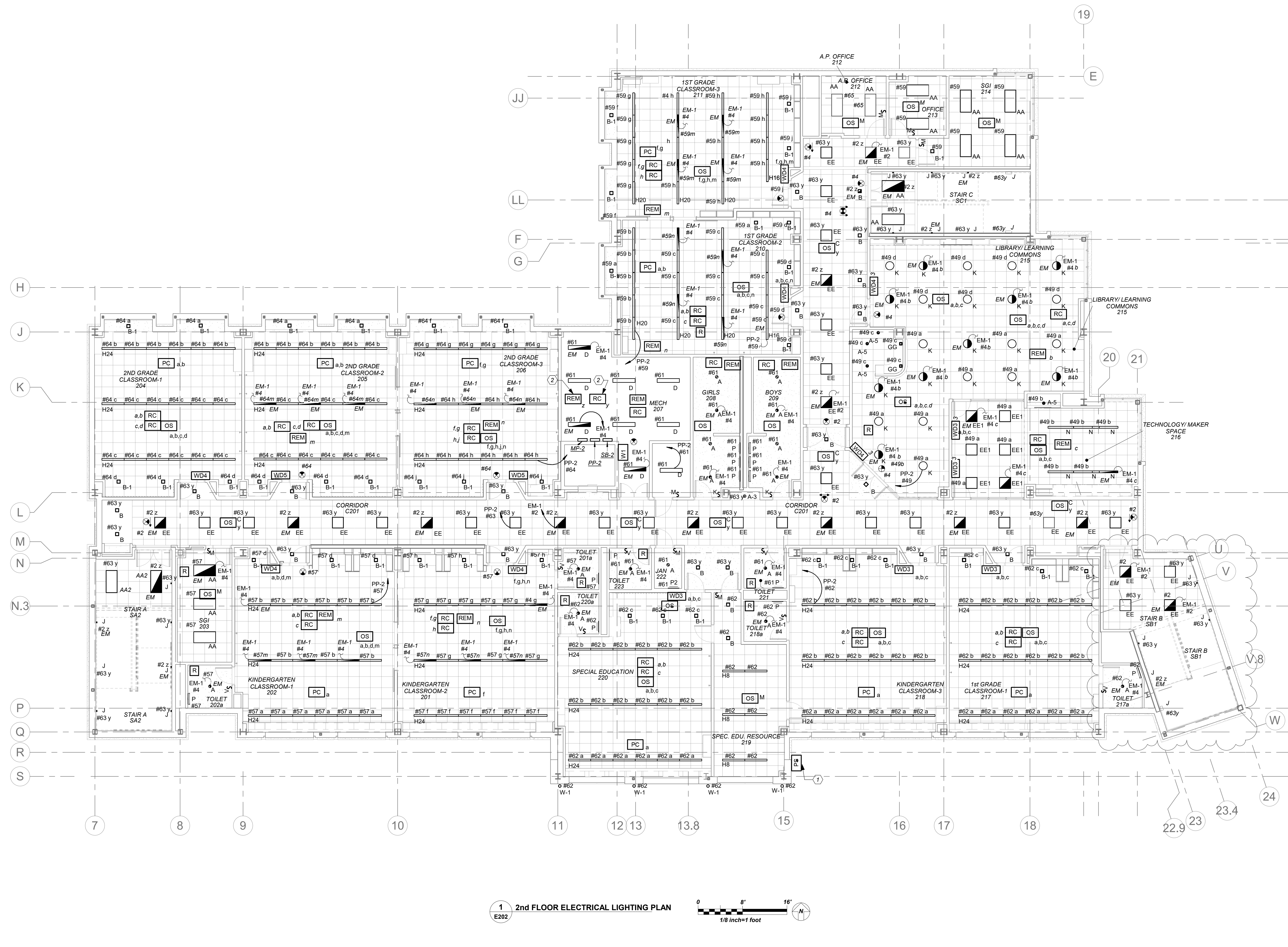
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P914.328.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 2nd FLOOR ELECTRICAL LIGHTING PLAN
E202
0 8' 16'
1/8"=1' foot

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

- MECHANICAL ROOMS NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'M' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH 'M', WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
- CLASSROOM CONFERENCE ROOM ARE CONTROLLED VIA MANUAL ON AUTO OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' OFF, RAISE, AND LOWER BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. CLASSROOMS THAT HAVE EMERGENCY LIGHTING, SHALL HAVE A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE DESIGNATED ZONE IN LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.

ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

- PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
- ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.

WORK NOTES

- PROVIDE TORK 2001 SERIES PHOTOCELL WHICH IS TO BE MOUNTED ON BUILDING WALL TO OPERATE EXTERIOR EMERGENCY LIGHTING. CONTRACTOR TO AVOID MOUNTING PHOTOCELL UNDER OVERHANG.
- THE NORMAL ROOM CONTROLLER 'Y' AND EMERGENCY ROOM CONTROLLER 'Z' SHALL CONTROL CORRIDOR LIGHTING ON THIS FLOOR AND SHALL BE CONNECTED TO SIMILAR ON OTHER FLOORS. THEY SHALL BE CONTROLLED VIA SWITCHING AT MAIN VESTIBULE 100.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Professional Seal

NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REFERENCED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE CITY OF YONKERS. ANY REVISIONS, CORRECTIONS, OR CHANGES TO THIS DRAWING SHALL BE MADE BY THE ARCHITECT OR ENGINEER. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 11/01/2021 | ISSUED TO BID |
| 3 | 09/14/2021 | SED ADDENDUM 2 |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
2nd FLOOR ELECTRICAL LIGHTING PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
E202

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



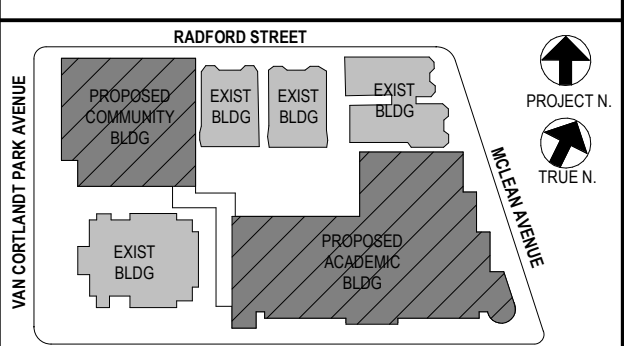
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P 914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P 914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS ARE INDICATED OR REPRESENTED BY THIS DRAWING. THESE ARE OWNED BY AND ARE THE PROPERTY OF THE YONKERS JOINT SCHOOL CONSTRUCTION BOARD. THESE ARE HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL ORDINANCES, REGULATIONS OR LAWS SHALL BE USED BY OR DISOBEYED BY ANY CONTRACTOR OR SUBCONTRACTOR WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLABLED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 24, SECTION 24-150 OF NEW YORK STATE LAW. COPYRIGHT © 2022 BARILE, GALLAGHER & ASSOCIATES, ENGINEERS, P.C. ALL RIGHTS RESERVED.

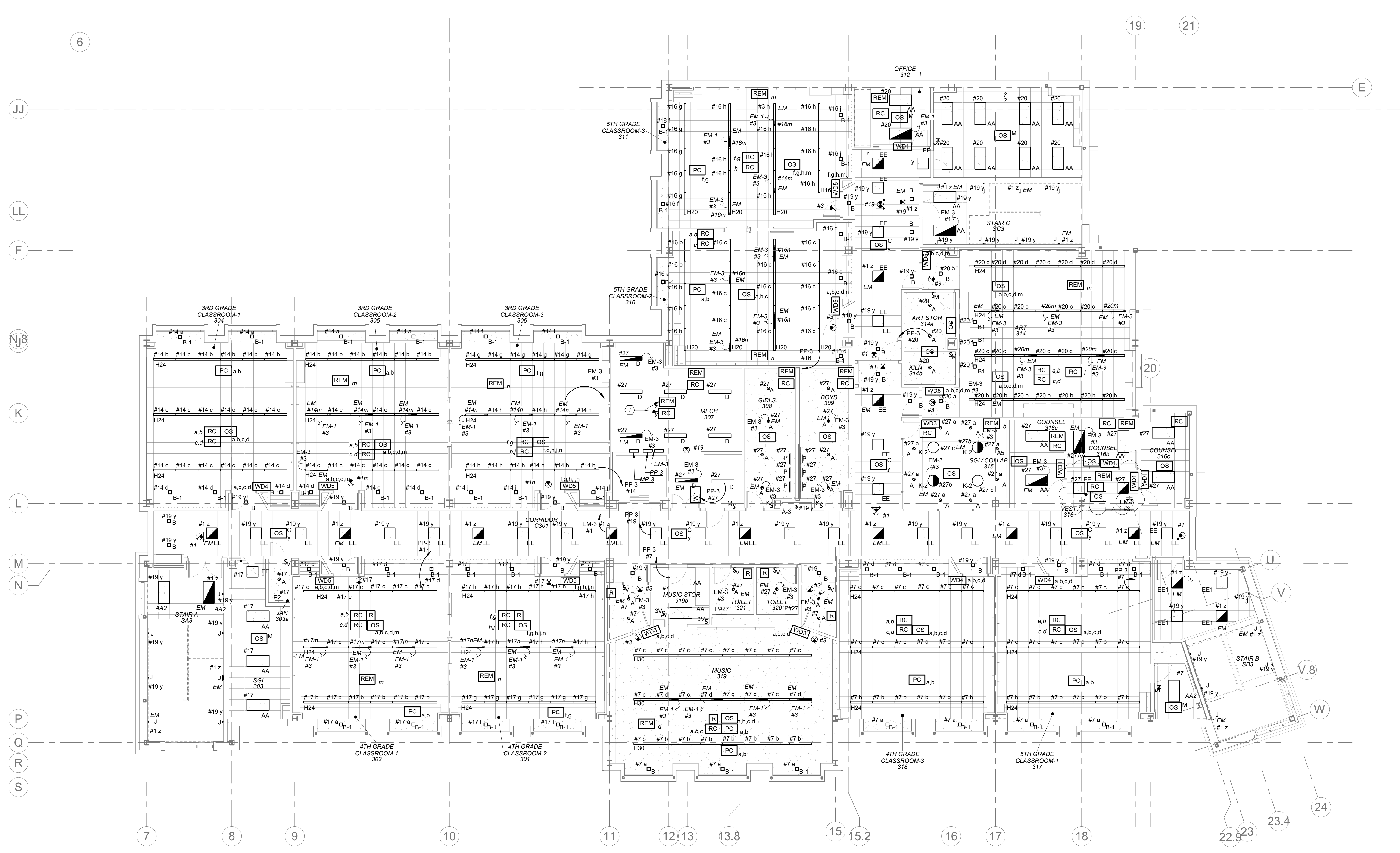
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

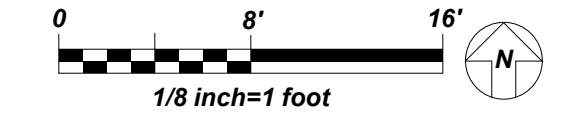
Sheet Title
3rd FLOOR ELECTRICAL LIGHTING PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
E203



1 3rd FLOOR ELECTRICAL LIGHTING PLAN
E203



ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

1. PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
2. ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

1. MECHANICAL ROOMS NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
2. ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
3. ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'MA' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER SWITCH 'MD' WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
4. CLASSROOM CONFERENCE ROOM ARE CONTROLLED BY MANUAL ON AUTO OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C' OFF, 'RAISE', AND LOWER BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. CLASSROOMS THAT HAVE EMERGENCY LIGHTING, SHALL HAVE A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE DESIGNATED ZONE IN LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.

WORK NOTES

1. THE NORMAL ROOM CONTROLLER 'Y' AND EMERGENCY ROOM CONTROLLER 'Z' SHALL CONTROL CORRIDOR LIGHTING ON THIS FLOOR AND SHALL BE CONNECTED TO SIMILAR ON OTHER FLOORS. THEY SHALL BE CONTROLLED VIA SWITCHING AT MAIN VESTIBULE 100.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

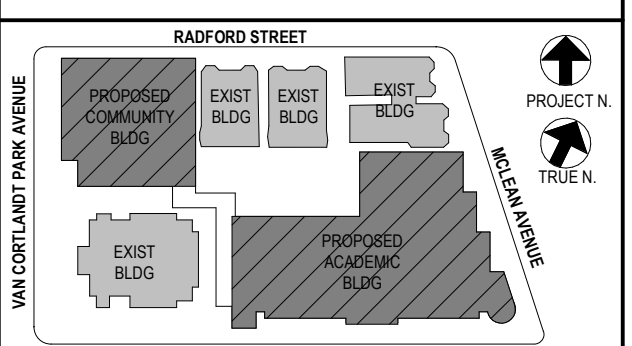
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P 914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLASANTVILLE, NY 10770
P 914.666.6999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE YONKERS JOINT SCHOOL BOARD. THESE DRAWINGS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED ONLY AS SHOWN OR AS APPROVED BY THE ARCHITECT WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER DIMENSIONS INDICATED ON THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. ANY DISCREPANCY MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 19, SECTION 17-150 OF NEW YORK STATE LAW. COPYRIGHT © 2022 KG+D ARCHITECTS, P.C. ALL RIGHTS RESERVED.

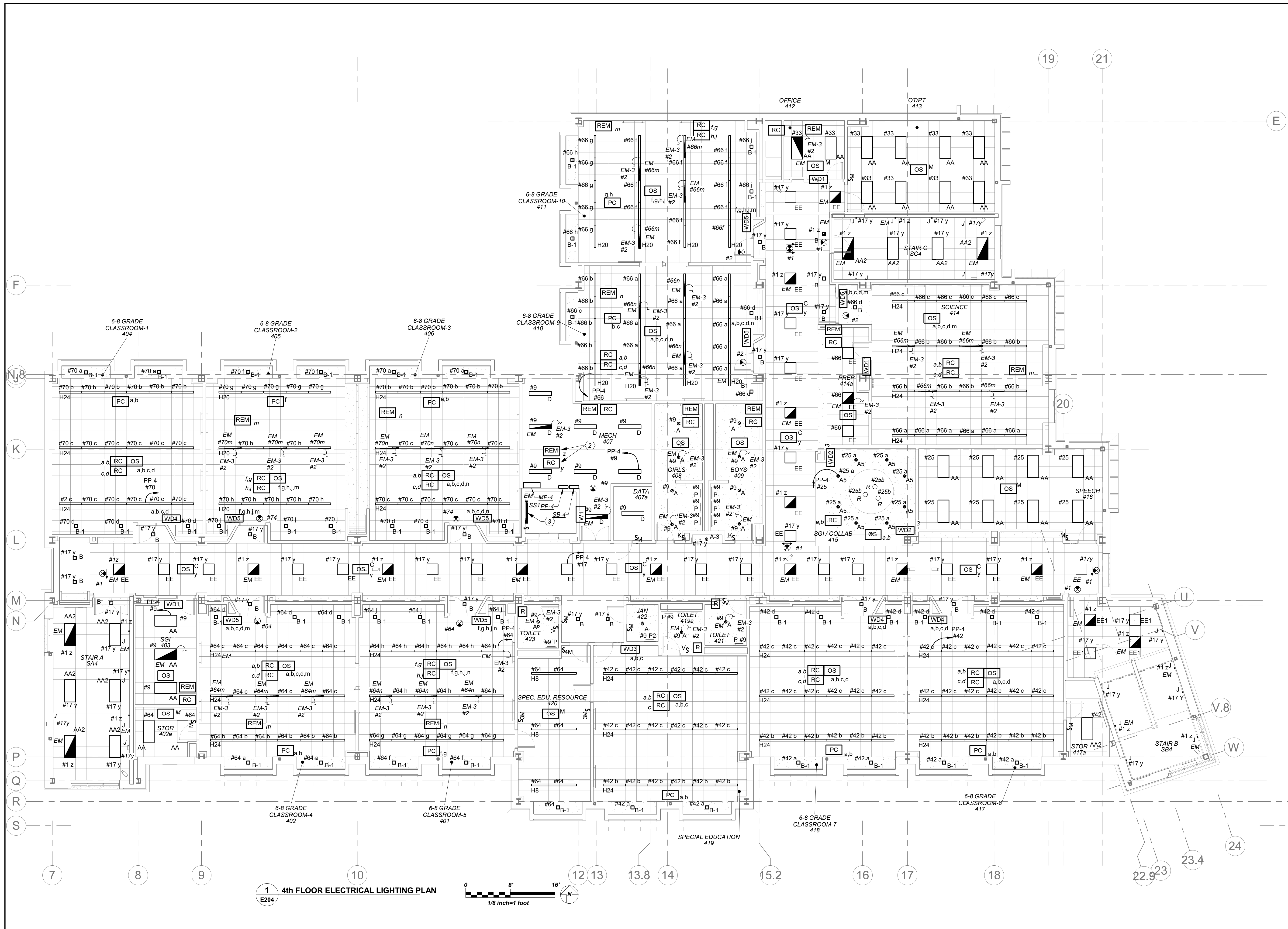
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

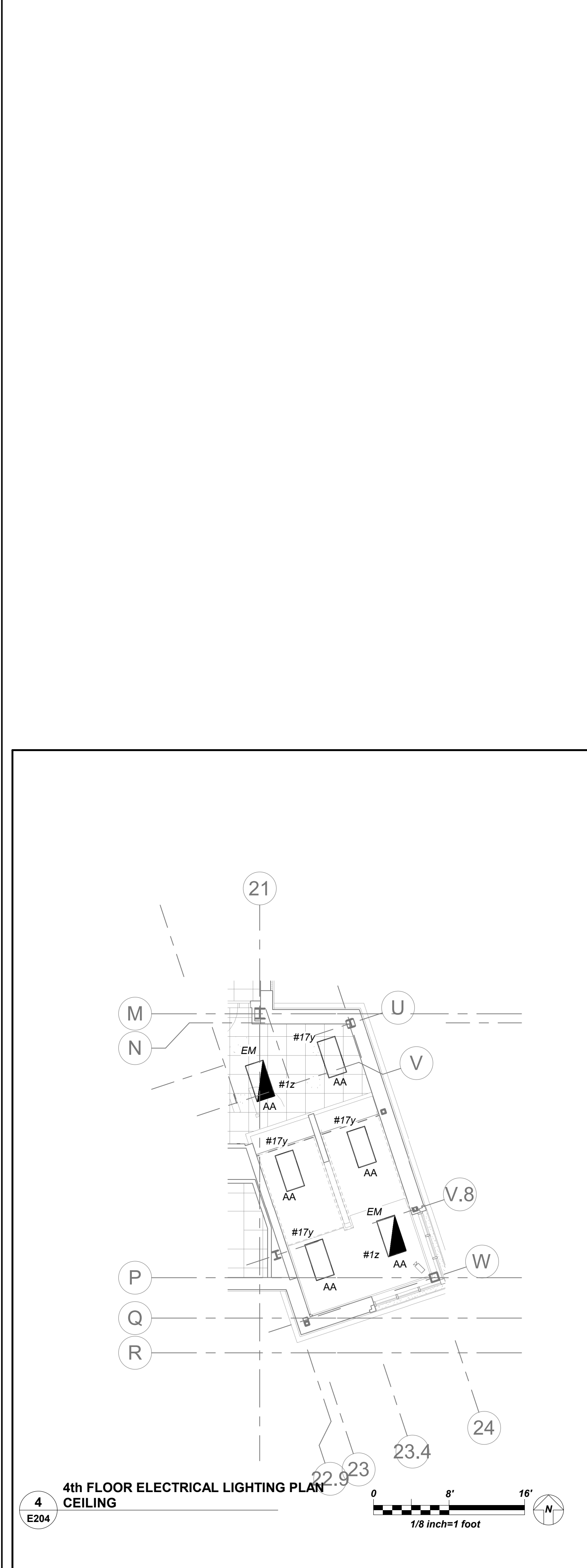
Sheet Title
4th FLOOR ELECTRICAL LIGHTING PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA / BGA
Sheet Number

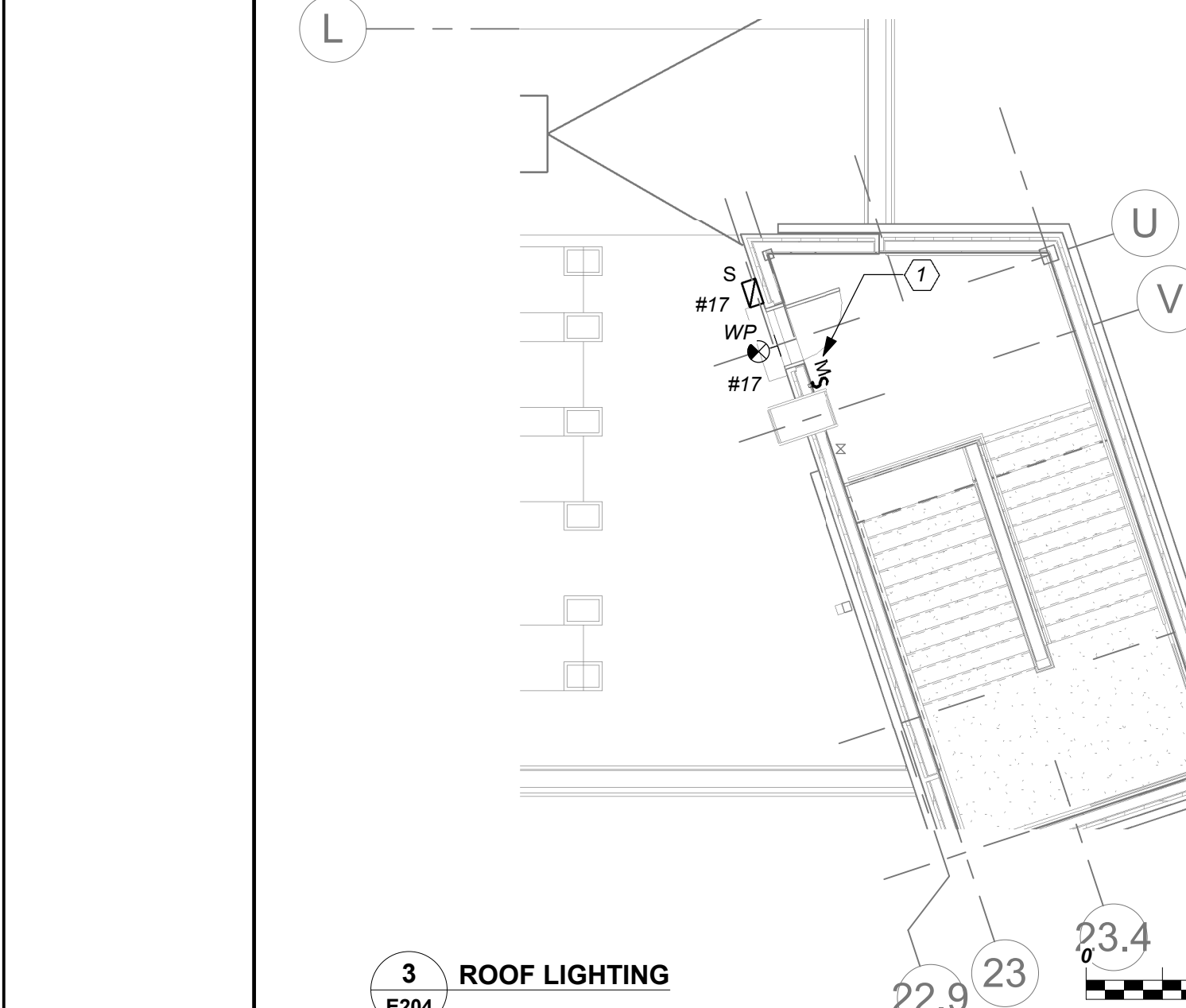
E204



1 4th FLOOR ELECTRICAL LIGHTING PLAN



4th FLOOR ELECTRICAL LIGHTING PLAN CEILING



3 ROOF LIGHTING

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

- ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES**
- PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
 - ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.

- LIGHTING CONTROLS AND SEQUENCE OF OPERATION**
- MECHANICAL ROOMS NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
 - ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
 - ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'MA' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH 'MD', WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
 - CLASSROOM CONFERENCE ROOM ARE CONTROLLED VIA MANUAL ON AUTO OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF '1', '2', '3', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. CLASSROOMS THAT HAVE EMERGENCY LIGHTING, SHALL HAVE A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE DESIGNATED ZONE IN LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.

- ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES**
- PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
 - ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.
- WORK NOTES**
- MOMENTARY SWITCH SHALL CONTROL ROOF LIGHTING.
 - THE NORMAL ROOM CONTROLLER 'Y' AND EMERGENCY ROOM CONTROLLER 'Z' SHALL CONTROL CORRIDOR LIGHTING ON THIS FLOOR AND SHALL BE CONNECTED TO SIMILAR ON OTHER FLOORS. THEY SHALL BE CONTROLLED VIA SWITCHING AT MAIN VESTIBULE 100.
 - PROVIDE 4' STRIP LIGHTING 4000 LUMENS, 4000K COLOR TEMPERATURE, 0-10V DIMMING, CONNECT TO EMERGENCY LIGHT CIRCUIT MANUFACTURED BY COLUMBIA MODEL # LSCS-4040. EXACT LOCATION OF ELEVATOR SHAFT LIGHTING FIXTURE INSTALLATION SHALL BE COORDINATED WITH VENDOR BEFORE THE START OF ANY WORK. PROVIDE A LIGHT SWITCH NEAR LADDER AND COORDINATE EXACT LOCATION WITH VENDOR BEFORE THE START OF ANY WORK.

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.666.5900 KGDARCHITECTS.COM

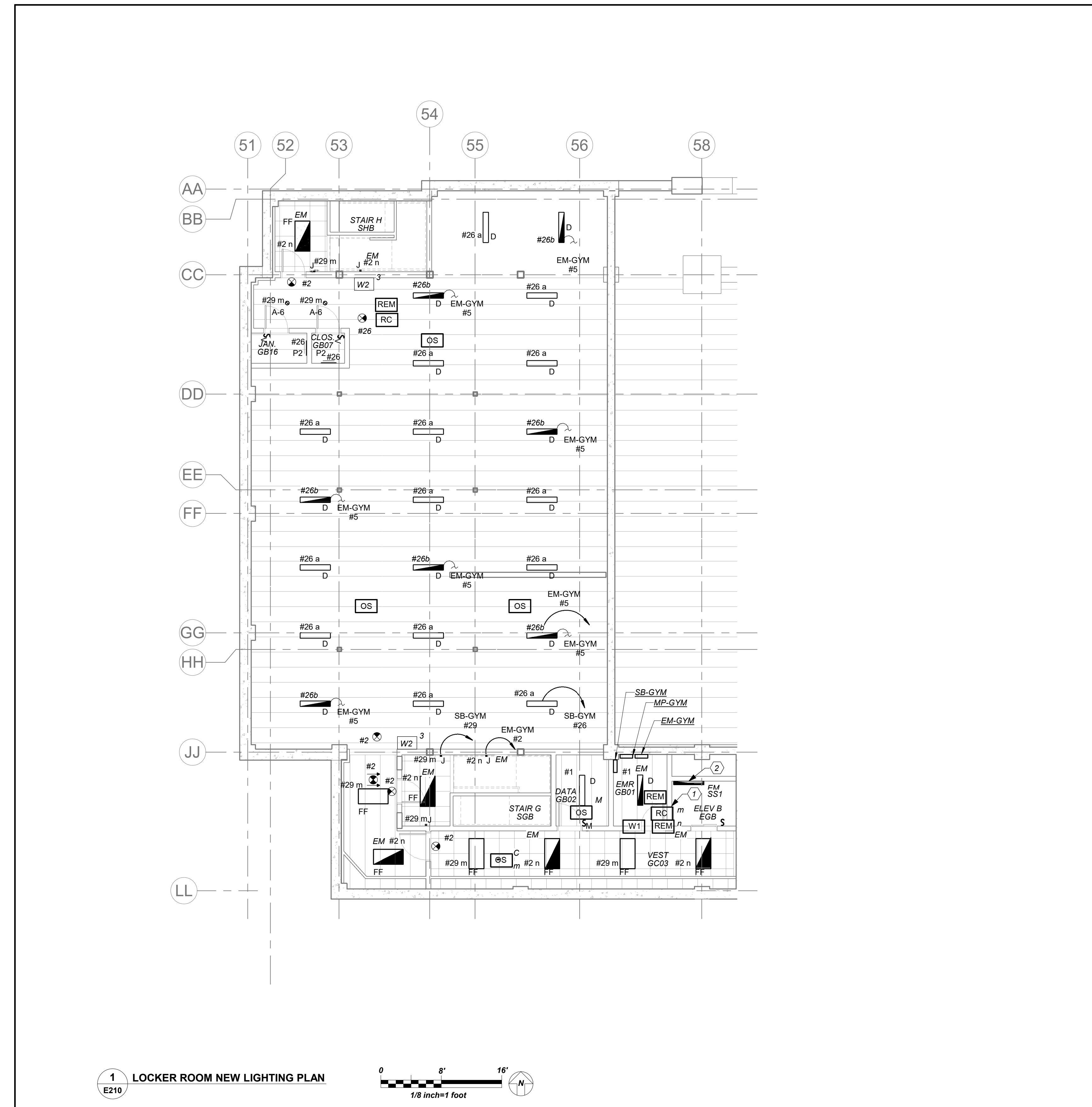
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 LOCKER ROOM NEW LIGHTING PLAN
E210
0 8' 16'
1/8 inch=1 foot

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

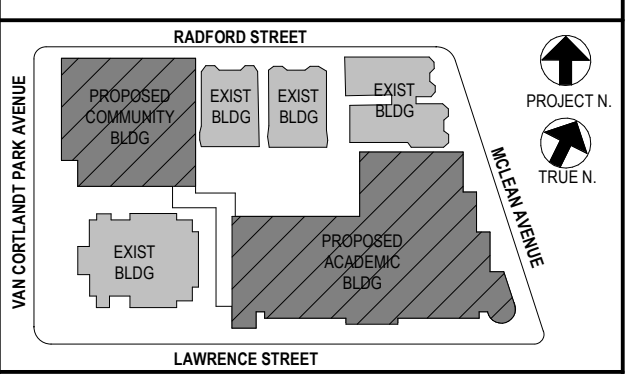
- MECHANICAL ROOMS NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
- ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'MA' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH 'MD', WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.

ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

- PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
- ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.

WORK NOTES

- THE NORMAL ROOM CONTROLLER "Y" AND EMERGENCY ROOM CONTROLLER "Z" SHALL CONTROL CORRIDOR LIGHTING ON THIS FLOOR AND SHALL BE CONNECTED TO SIMILAR ON OTHER FLOORS. THEY SHALL BE CONTROLLED VIA SWITCHING AT MAIN VESTIBULE 100.
- PROVIDE 4' STRIP LIGHTING 4000 LUMENS, 4000K COLOR TEMPERATURE, 0-10V DIMMING, CONNECTO EMERGENCY LIGHT CIRCUIT MANUFACTURED BY COLUMBIA MODEL# LSCS-4040, EXACT LOCATION OF ELEVATOR PIT LIGHTING FIXTURE INSTALLATION SHALL BE COORDINATED WITH VENDOR BEFORE THE START OF ANY WORK. PROVIDE A LIGHT SWITCH NEAR LADDER AND COORDINATE EXACT LOCATION WITH VENDOR BEFORE THE START OF ANY WORK.



NOTE: ALL LOCAL ZONING, ORDINANCES AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE CITY OF YONKERS. ANY CHANGES TO THESE ORDINANCES OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNWRITTEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW.

COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, INC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
COMM.WING - BASEMENT ELEC LIGHTING PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
E210

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

1. PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
2. ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.
3. PROVIDE NEW EXTERIOR L.E.D. TYPE EMERGENCY LIGHT OVER EVERY EXTERIOR DOORS CONTROLLED VIA PHOTOCELL.

THEATRICAL RISER WORK NOTES- ADD ALTERNATE

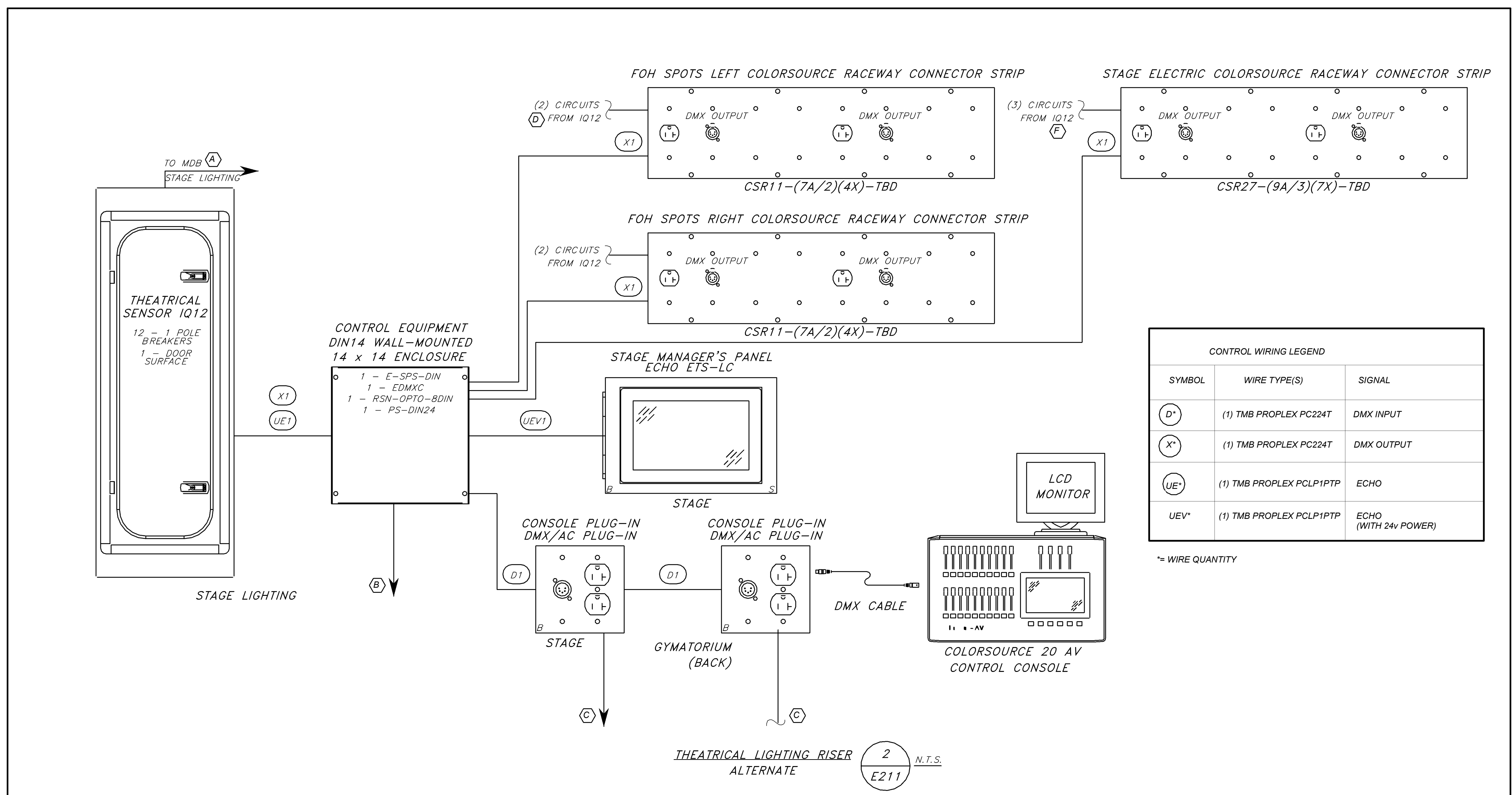
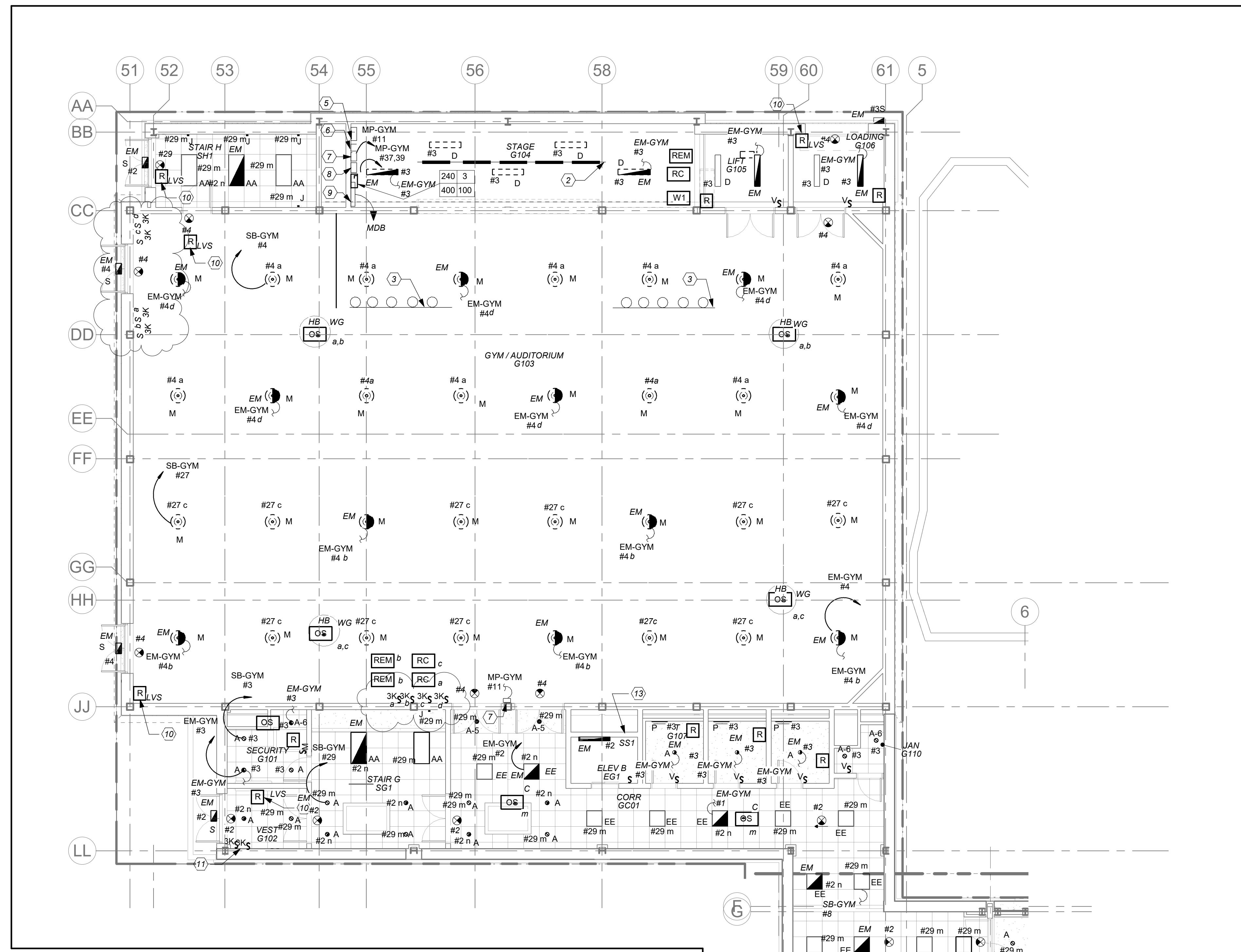
- PROVIDE THEATRICAL SENSOR IQ PANEL WITH (12) 1-POLE BREAKERS. PROVIDE 4-300 KCMIL +10G IN 2-1/2" CONDUIT FROM DISCONNECT SWITCH TO THE MAIN DISTRIBUTION BOARD IN THE ELECTRICAL ROOM. REFER TO DRAWING E300 FOR EXACT LOCATION. PROVIDE A 3P-100 AMP BREAKER AT SPACE ON AVAILABLE ON THE BOARD. PROVIDE #11-186G-1-1/2" CF FROM DISCONNECT SWITCH TO FEED SENSOR IQ PANEL.
- PROVIDE 2#12-1#12G TO PANEL AS SHOWN. PROVIDE A 2P-20 AMP BREAKER AT PANEL.
- PROVIDE 2#12-1#12G TO PANEL AS SHOWN. PROVIDE A 1P-20 AMP BREAKER AT PANEL.
- PROVIDE (2) 3/4" CONDUIT WITH 2#12-1#12 TO 1P-20A BREAKER AT IQ-20 PANEL.
- PROVIDE (3) 3/4" CONDUIT WITH 2#12-1#12 TO 1P-20 BREAKER AT IQ-20 PANEL.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

1. MECHANICAL ROOMS, NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
2. ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
3. ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH "M" AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH "M", WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.
4. EXTERIOR BUILDING MOUNTED LIGHTS ARE CONTROLLED VIA BUILT-IN PHOTOCELL AND STEP-DIM MOTION SENSORS. PROVIDE ALL REQUIRED IN BUILT BATTERY BACKUP SHALL OVERRIDE ALL SENSORS (PHOTOCELL AND OCCUPANCY SENSOR) IN THE EVENT OF EMERGENCY AT EGRESS DOORS AS SHOWN.

WORK NOTES

1. PROVIDE TORK 2001 SERIES PHOTOCELL WHICH IS TO BE MOUNTED ON BUILDING WALL TO OPERATE EXTERIOR EMERGENCY LIGHTING. CONTRACTOR TO AVOID MOUNTING PHOTOCELL UNDER OVERHANG.
2. **BASE BID:** PROVIDE A 2-1/2" CONDUIT FROM THE MAIN ELECTRICAL ROOM TO STAGE WITH DRAGWIRE. FOR THE EXACT LOCATION OF THE MAIN ELECTRICAL ROOM, REFER TO E300.
3. **ADD ALTERNATE:** PROVIDE COLOR SOURCE RACEWAY CONNECTOR STRIP, MANUFACTURER ETC. MODEL # CSR11-(7A/2)(4X)-TBD.
4. **ADD ALTERNATE:** PROVIDE COLOR SOURCE RACEWAY CONNECTOR STRIP, MANUFACTURER ETC MODEL# CSR27-(9A/3)(7X)-TBD.
5. **ADD ALTERNATE:** PROVIDE COLOR SOURCE CONSOLE, MANUFACTURER ETC. MODEL # CS40AV WITH LCD MONITOR.
6. **ADD ALTERNATE:** PROVIDE STAGE MANAGER'S PANEL, MANUFACTURER ETC. MODEL # ETS-LC-7186A1120.
7. **ADD ALTERNATE:** PROVIDE ETC CONSOLE PLUG IN.
8. **ADD ALTERNATE:** PROVIDE CONTROL EQUIPMENT DIN 14 WALL MOUNTED WITH 14"x14" ENCLOSURE.
9. **ADD ALTERNATE:** PROVIDE THEATRICAL SENSOR IQ PANEL WITH (12) 1-POLE BREAKERS. PROVIDE 4-300 KCMIL +10G IN 2-1/2" CONDUIT FROM DISCONNECT SWITCH TO THE MAIN DISTRIBUTION BOARD IN THE ELECTRICAL ROOM. REFER TO DRAWING E300 FOR EXACT LOCATION. PROVIDE A 3P-100 AMP BREAKER AT SPACE ON AVAILABLE ON THE BOARD. PROVIDE #11-186G-1-1/2" CF FROM DISCONNECT SWITCH TO FEED SENSOR IQ PANEL.
10. RELAY SHALL CONTROL EXTERIOR EGRESS EMERGENCY LIGHTS.
11. 3 WAY KEYED SWITCHES SHALL CONTROL CORRIDOR LIGHTING FOR THE ENTIRE COMMUNITY BUILDING CORRIDOR LIGHTING. REFER TO E301 FOR ADDITIONAL SWITCHING AND CONTROLS. COORDINATE EXACT LOCATION BEFORE THE START OF ANY WORK.
12. NOT USED.
13. PROVIDE 4' STRIP LIGHTING 4000 LUMENS, 4000K COLOR TEMPERATURE, 0-10V DIMMING, CONNECT TO EMERGENCY LIGHT CIRCUIT MANUFACTURED BY COLUMBIA MODEL# LCS-4040. EXACT LOCATION OF ELEVATOR SHAFT LIGHTING FIXTURE INSTALLATION SHALL BE COORDINATED WITH VENDOR BEFORE THE START OF ANY WORK. PROVIDE A LIGHT SWITCH NEAR LADDER AND COORDINATE EXACT LOCATION WITH VENDOR BEFORE THE START OF ANY WORK.



| CONTROL WIRING LEGEND | | |
|-----------------------|--------------------------|-----------------------|
| SYMBOL | WIRE TYPE(S) | SIGNAL |
| D | (1) TMB PROPLEX PC224T | DMX INPUT |
| X | (1) TMB PROPLEX PC224T | DMX OUTPUT |
| UE | (1) TMB PROPLEX PCLP1PTP | ECHO |
| UEV | (1) TMB PROPLEX PCLP1PTP | ECHO (WITH 24V POWER) |

* WIRE QUANTITY

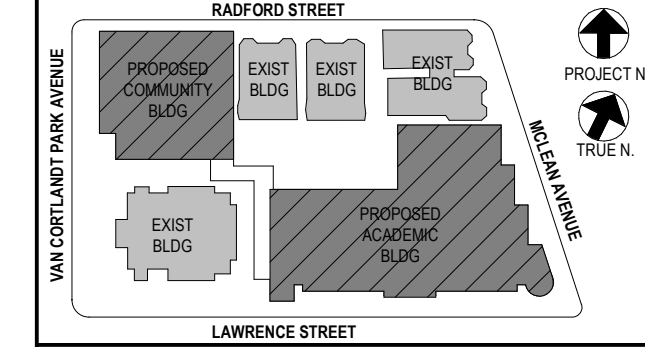
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P-914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLASANTVILLE, NY 10570
 P-914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE YONKERS JOINT SCHOOL DISTRICT. ANY CHANGES, REVISIONS, OR AMENDMENTS TO THIS DRAWING SHALL BE THE PROPERTY OF THE YONKERS JOINT SCHOOL DISTRICT. ANY CHANGES, REVISIONS, OR AMENDMENTS TO THIS DRAWING SHALL BE THE PROPERTY OF THE YONKERS JOINT SCHOOL DISTRICT. ANY CHANGES, REVISIONS, OR AMENDMENTS TO THIS DRAWING SHALL BE THE PROPERTY OF THE YONKERS JOINT SCHOOL DISTRICT.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER, OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, ARCHITECTS/ENGINEERS, P.C. ALL RIGHTS RESERVED.

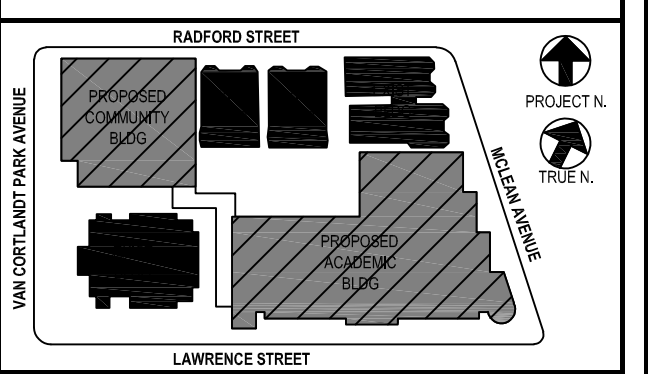
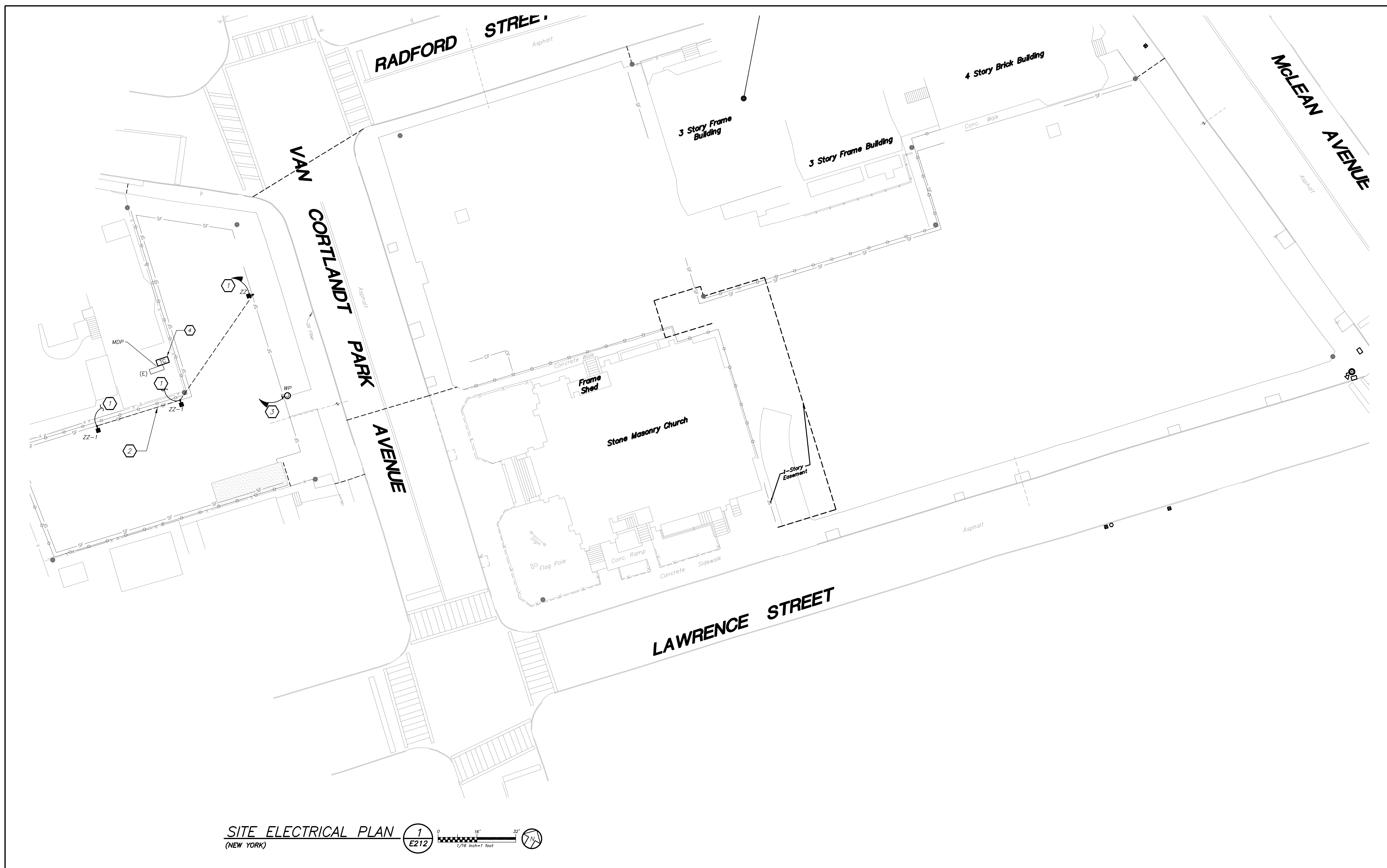
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

COMM. WING 1ST FL ELEC LIGHTING PLAN

Job No. 2019-1026 Date 8/31/20
 Scale AS NOTED Drawn / Checked BGA/BGA
 Sheet Number

E211



NOTE: ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN AND SPECIFIED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF WATER GARDEN, L.L.C. (D/B/S WATER GARDEN, INC. (WGI)) AND ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF WGI. ANY CHANGES TO THIS DRAWING SHALL BE MADE BY WGI. ANY CHANGES TO THIS DRAWING SHALL BE MADE BY WGI. ANY CHANGES TO THIS DRAWING SHALL BE MADE BY WGI.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. DISPUTES SHALL BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS ATTACHED HERETO, IS A VIOLATION OF TITLE 16, SECTION 2615.1 (b) OF NEW YORK STATE LAW. COPYRIGHT NOTICE, WATER GARDEN, ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

- GENERAL NOTES:**
1. LIGHT FIXTURE TYPE ZZ AND ZZ-1 SHALL BE CONTROLLED VIA INTEGRAL PHOTOCELL.
- WORK NOTES:**
1. PROVIDE 2#12+1#12G IN 3/4" RIGID GALVANIZED CONDUIT UNDERGROUND FOR SITE POLE LIGHTING TO EXISTING PANEL MDP AS SHOWN.
 2. SITE LIGHTING: REFER TO SITE ENGINEER DRAWINGS FOR SITE LIGHTING EXCAVATION SCOPE.
 3. PROVIDE A WEATHER PROOF JUNCTION BOX FOR MOTORIZED GATE. PROVIDE 2#12+1#12 IN 3/4" RIGID GALVANIZED CONDUIT UNDERGROUND TO EXISTING PANEL MDP AS SHOWN. COORDINATE EXACT LOCATION OF JUNCTION BOX BEFORE THE START OF ANY WORK.
 4. PROVIDE ASTRONOMIC TIME CLOCK FOR LIGHTING CONTROL WITH RESERVE POWER. TORQ 7200ZL SERIES. TIME CLOCK SHALL CONTROL PARKING LOT AND PLAYGROUND LIGHTING. TIME CLOCK SHALL BE PLACED IN NEMA 3R WEATHERPROOF LOCKABLE BOX.

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFIRMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

SITE ELECTRICAL PLAN

| | | | |
|---------|-----------|-----------------|----------|
| Job No. | 2019-1026 | Date | 11/18/20 |
| Scale | AS NOTED | Drawn / Checked | BG/BGA |

Sheet Number
E212

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



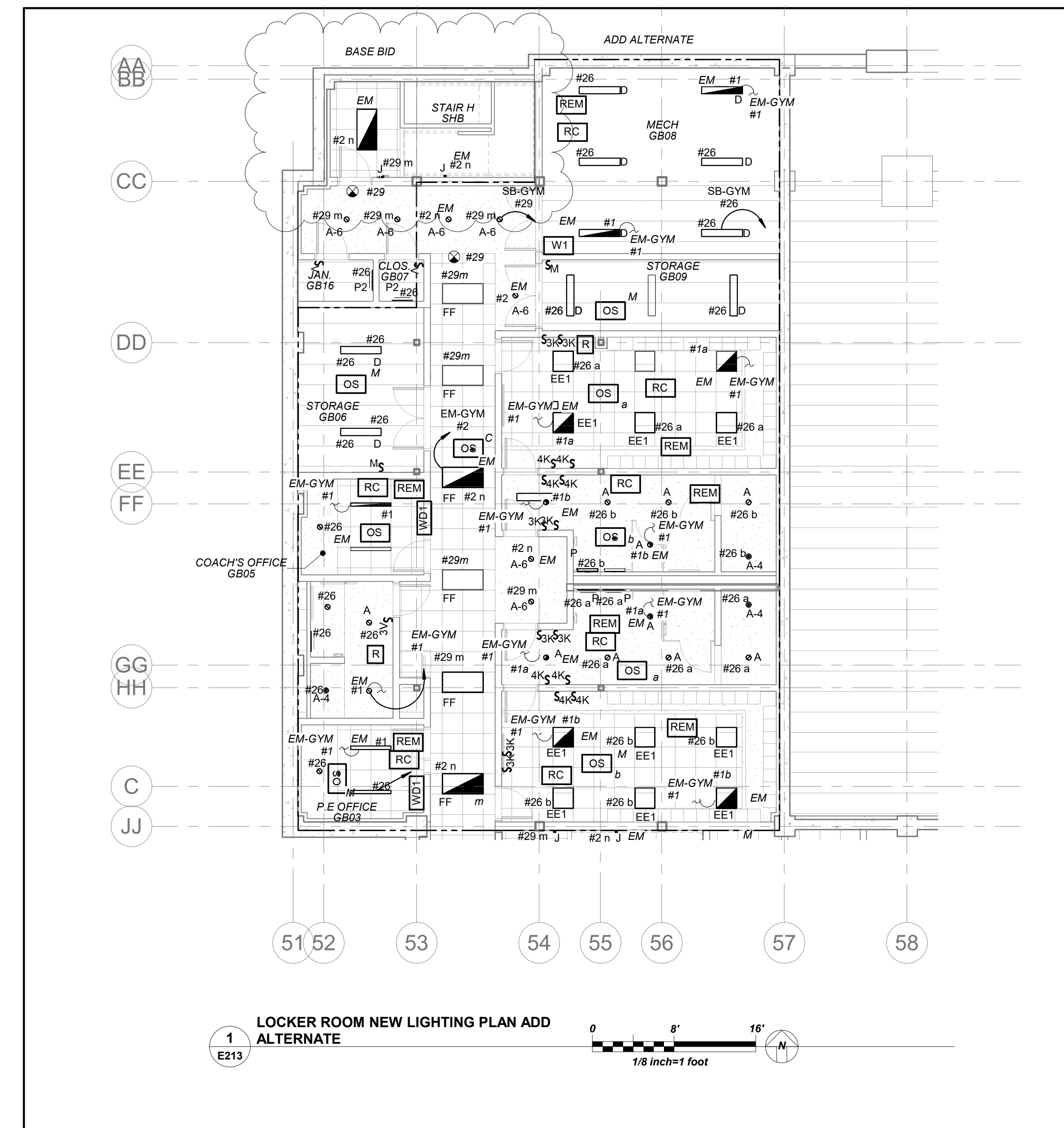
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



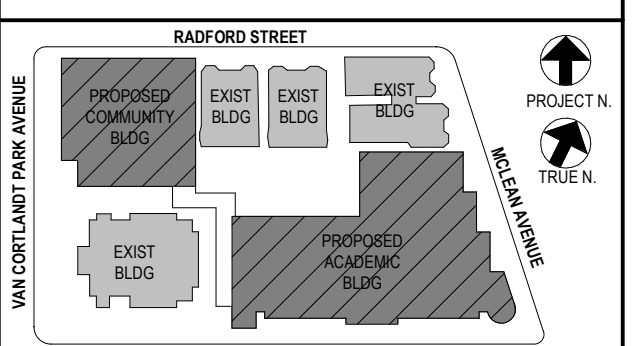
LOCKER ROOM NEW LIGHTING PLAN ADD ALTERNATE
1 E213

ELECTRICAL LIFE SAFETY AND EMERGENCY LIGHTING WORK SCOPE NOTES

1. PROVIDE NEW EXIT AND EMERGENCY LIGHTING AS REQUIRED BY CODE. PROVIDE NEW EXIT LIGHTS AND BRANCH CIRCUITRY TO SERVE EXIT LIGHTS.
2. ALL EMERGENCY LIGHTING ARE FED FROM GENERATOR WITH UL924 EMERGENCY LIGHTING RELAY TO BYPASS SWITCHING, WHICH BRINGS EMERGENCY LIGHTING FIXTURES TO FULL ILLUMINATION WHEN THERE IS A UTILITY POWER OUTAGE.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION

1. MECHANICAL ROOMS NORMAL LIGHTS SHALL BE CONNECTED TO ROOM CONTROLLER AND SHALL BE CONTROLLED VIA LOCAL SWITCH ONLY. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
2. ALL COMMON AREAS SHALL BE CONTROLLED VIA LOCAL WALL SWITCHES AND OCCUPANCY SENSORS FOR JUST NORMAL LIGHTING. EMERGENCY LIGHTING IN THESE ROOMS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA THE SAME LOCAL SWITCH. IN THE EVENT OF AN EMERGENCY, LIGHTS ON THE EMERGENCY ZONE AND CIRCUIT WILL BE 100% ON REGARDLESS OF SWITCH POSITION.
3. ALL LOBBY, CORRIDORS, AND STAIRWELL NORMAL LIGHTS ARE CONTROLLED OVERRIDE MASTER KEY SWITCH 'MA' AND LONG RANGE OCCUPANCY SENSORS (AUTO ON, AUTO OFF). IN EACH CORRIDOR WILL FUNCTION INDEPENDENTLY AS LOCAL ZONES. ALL LOBBY, CORRIDOR, AND STAIRWELL EMERGENCY LIGHTS SHALL BE CONNECTED TO A SEPARATE ROOM CONTROLLER WITH BUILT-IN UL 924 EMERGENCY LIGHTING RELAY AND CONTROLLED VIA OVERRIDE MASTER TOGGLE SWITCH 'MD', WHICH CAN SERVE AS SECURITY LIGHT OR ON DEMAND BY AUTHORIZED PERSONNEL (SUCH AS FIRE DEPT). UTILIZE THE LOCAL NORMAL LIGHTING WITHIN THE SAME AREA FOR SENSING CIRCUIT.



NOTE: ALL LOCAL ZONING, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF INTER GARMENT & LAWSON ARCHITECTS PC (IGAL) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL ZONING, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF IGAL.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 16-1.56 OF NEW YORK STATE LAW. COPYRIGHT INTER GARMENT & LAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
COMM. WING-BASEMENT ELEC LIGHTING PLAN ADD ALTERNATE

| | | | |
|---------|-----------|-----------------|----------------|
| Job No. | 2019-1026 | Date | 10/18/21 |
| Scale | AS NOTED | Drawn / Checked | Author Checker |

Sheet Number
E213

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

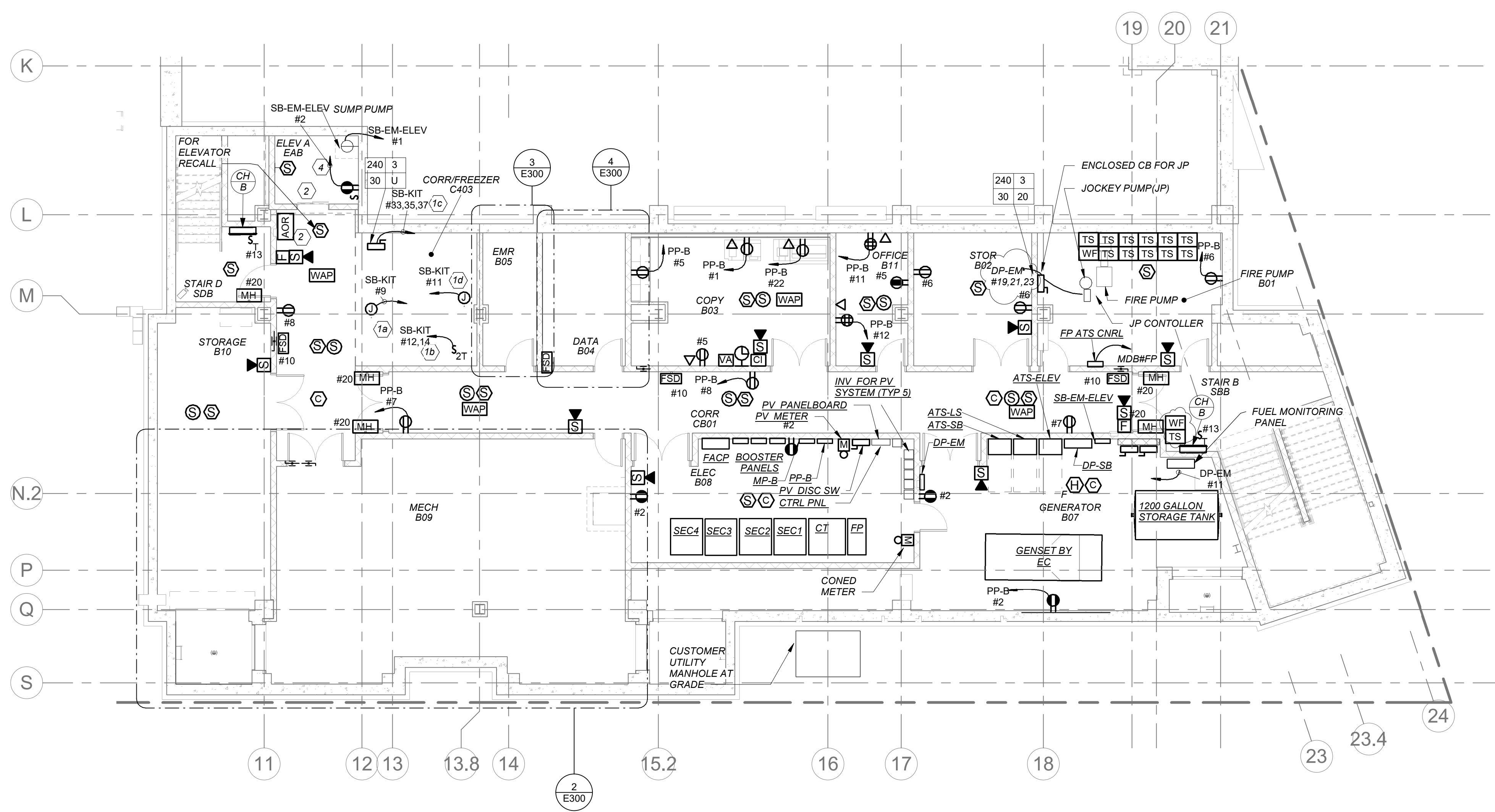
bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

GENERAL NOTES:

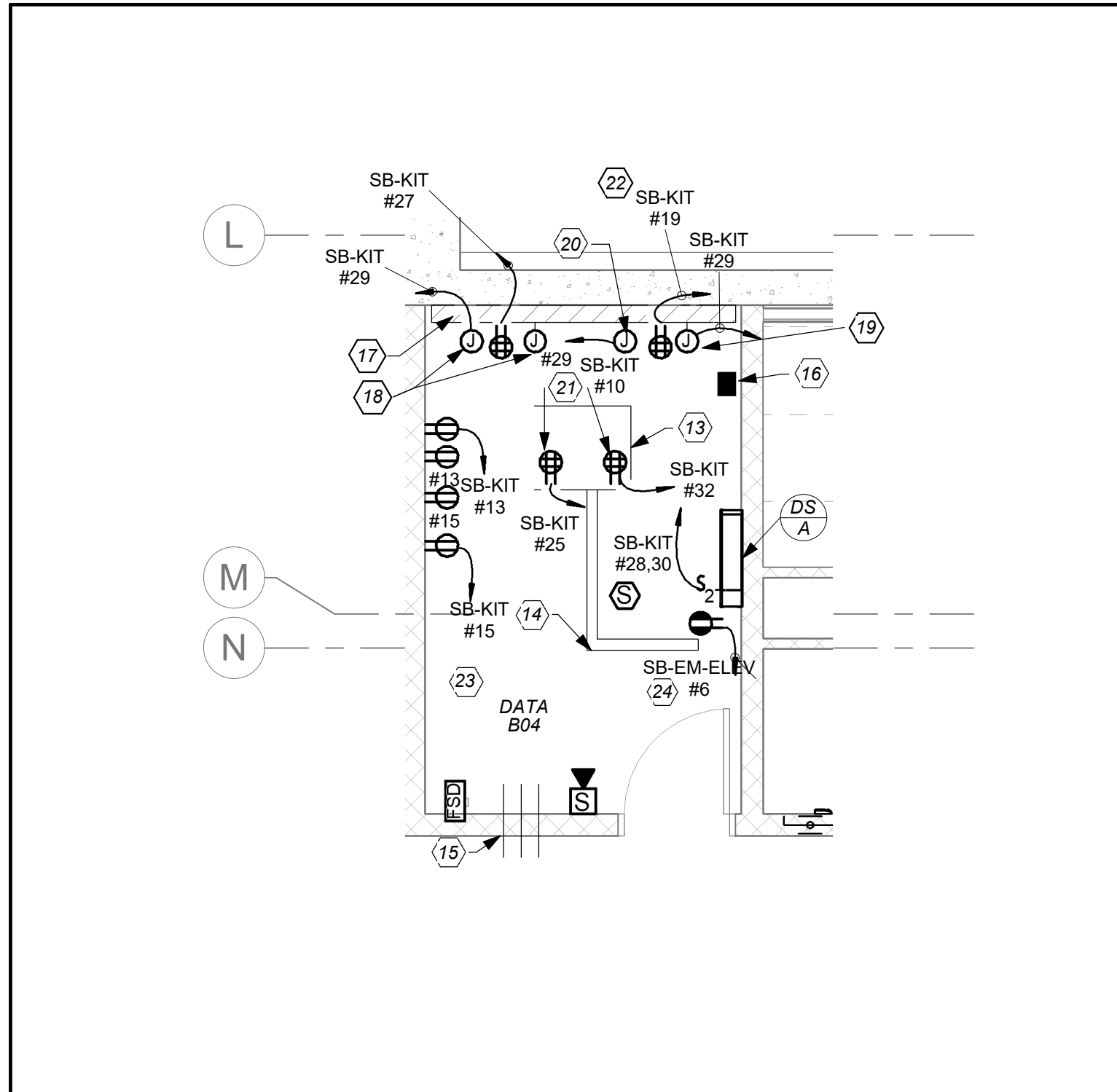
- REFER TO ELECTRICAL ONE-LINE DIAGRAMS ON DRAWING E300 SERIES, FOR SCOPE OF WORK.
- REFER TO PANELBOARD SCHEDULE ON DRAWING E300 SERIES FOR BRANCH CIRCUITING INFORMATION.
- REFER TO DRAWING E700 SERIES FOR DETAILS.

WORK NOTES:

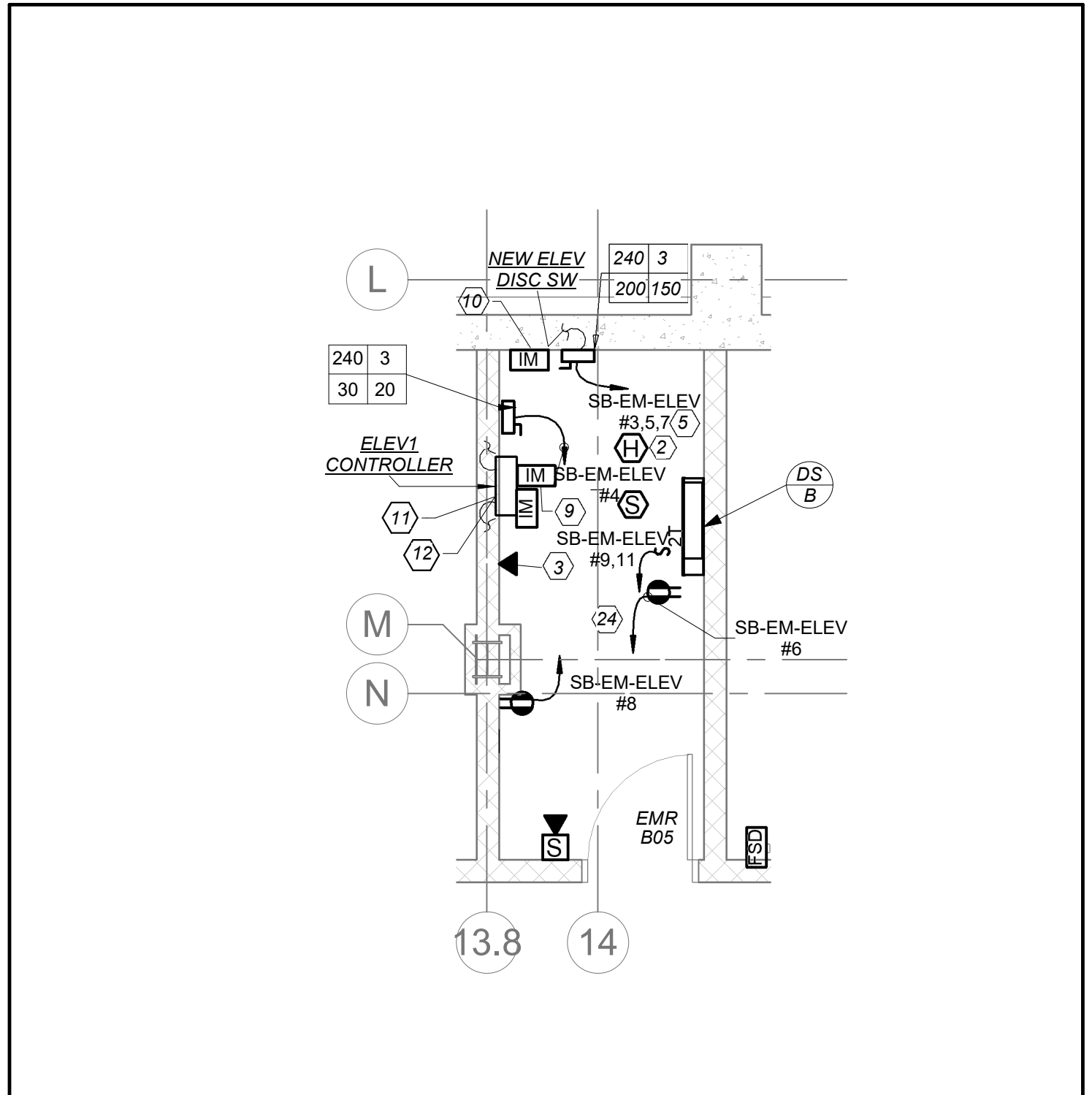
- PROVIDE THE FOLLOWING BRANCH CIRCUIT FOR WALK-IN FREEZER PER FOLLOWING:
 - CIRCUIT FOR NEW WALK-IN COOLER. VAPOR TIGHT LIGHT FIXTURE SHALL BE FURNISHED WITH FREEZER AND EC SHALL INSTALL AND WIRE. ACCOMMODATE ALL REQUIREMENTS FOR EXPANDING FOAM SEALANT INSIDE CONDUIT AT PANEL PENETRATIONS TO AVOID CONDENSATE ACCUMULATION INSIDE LIGHT FIXTURES. REFER TO DETAILS ON KITCHEN DRAWING KA SERIES FOR ADDITIONAL INFORMATION.
 - CIRCUIT FOR NEW WALK-IN COOLER EVAPORATOR COIL. COORDINATE IN FIELD FOR MOUNTING LOCATION. E.C. SHALL INSTALL & WIRE CONTROL WIRING FROM DEFROST TIME CLOCK TO DEFROST HEATER ON COOLER EVAPORATOR COIL.
 - CIRCUIT FOR NEW CONDENSING UNITS FOR WALK-IN FREEZER. COORDINATE IN FIELD FOR EXACT MOUNTING LOCATION.
 - E.C. TO CONNECT ELECTRIC HEAT WRAP TAPE ON FREEZE EVAPORATOR COIL DRAIN LINE FURNISHED BY OTHERS.
- BEFORE THE START OF ANY WORK EC, GC AND ELEVATOR VENDOR/TECH SHALL COORDINATE THE EXACT LAYOUT OF ELEVATOR EQUIPMENT AND DEVICES WITHIN EMR, ELEVATOR SHAFT TOP AND PIT. THIS INCLUDES AND IS NOT LIMITED TO RECEPTACLES, SWITCHES, LIGHTS, DISC SWITCHES ETC.
- PROVIDE DIRECT OUTSIDE PHONE LINE FROM ELEVATOR TO DATA ROOM.
- COORDINATE WITH ELEVATOR VENDOR FOR ALL ELEVATOR REQUIREMENTS AND INCLUDE ALL POWER AND CONTROL WIRING FOR A COMPLETE INSTALLATION. PROVIDE ALL POWER AND CONTROL WIRING REQUIRED BETWEEN ELEVATOR, ELEVATOR MACHINE ROOM AND GENERATOR ROOM.
- DISCONNECT SWITCH TO FEED ELEVATOR CAR. PROVIDE DRY CONTACT WITH 2#18 - 3/4" FROM DISCONNECT SWITCH TO ELEVATOR CONTROLLER.
- RESCUE ASSISTANCE SYSTEM. REFER TO RISER ON DRAWING E503
- DISCONNECT SWITCH FOR ELEVATOR CAR LIGHT. PROVIDE DRY CONTACT WITH 2#18 - 3/4" FROM DISCONNECT SWITCH TO ELEVATOR CONTROLLER.
- NOT USED
- PROVIDE FIRE ALARM CONTROL RELAY/INTERFACE MONITORING MODULE ONE FOR FIRE ALARM RECALL/ALTERNATE RECALL AND ONE FOR FIRE HAZALT HAT. MUST BE NORMALLY CLOSED AND CONNECTED TO SET OF DRY CONTACTS WITH CONTROLLER.
- PROVIDE FIRE ALARM CONTROL RELAY/INTERFACE MONITORING MODULE FOR DISCONNECT TO MONITOR THE POSITION OF MAINLINE DISCONNECT FOR GENERATOR BACKUP.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND CONTINUE FEEDER & CONDUIT CONNECTION FROM MAINLINE POWER DISCONNECT TO ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR VENDOR AND ARCHITECT BEFORE START OF WORK.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND CONTINUE FEEDER & CONDUIT CONNECTION FROM CAB LIGHT DISCONNECT TO ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR VENDOR AND ARCHITECT BEFORE START OF WORK.
- NEW 19" RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE LADDER 12" WIDE X 12" RUNG SPACING IN CLOSET CONNECTING TO RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE NEW (3) 4" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL CABLING PATHWAY.
- FOR FLOOR PENETRATION PROVIDE ONE (1) STILEZ PATH #F-A-3054 FIRE STOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE START OF ANY WORK.
- PROVIDE TWO (2) NEW 4'X3'X3/4" PLYWOOD PAINTED BLACK WITH FIRE RETARDANT PAINT. COORDINATE EXACT MOUNTING LOCATION WITH YONKERS IT DEPT. AND ITS LARSON BEFORE START OF ANY WORK.
- PROVIDE JUNCTION BOX FOR TWO (2) LOCK P/S REFER TO ITS LARSON DRAWINGS SE-300 AND COORDINATE WITH ITS LARSON BEFORE START OF ANY WORK.
- PROVIDE JUNCTION BOX FOR ILDA INTERFACE REFER TO ITS LARSON DRAWINGS SE-300
- PROVIDE JUNCTION BOX FOR BURGLAR ALARM INTERFACE REFER TO ITS LARSON BEFORE START OF ANY WORK.
- PROVIDE FOR CCTV DATA RACK. REFER TO ITS LARSON DRAWINGS SE-300.
- THESE RECEPTACLES ARE FOR IT EQUIPMENT. COORDINATE WITH YONKERS IT DEPT FOR EXACT MOUNTING LOCATIONS BEFORE START OF ANY WORK.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING INTERCONNECTION FOR IT AND SECURITY FROM ALL DEVICES TO PATCH PANEL INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION, SUPPORT BRACKETS, JUNCTION BOXES, WIRING SUPPORTS, LABELING TAGGING ETC. REFER TO ITS LARSON DRAWINGS SERIES 'SE' FOR ALL REQUIREMENTS INCLUDED IN THIS CONTRACTORS SCOPE.
- PROVIDE CEILING MOUNTED GFI OUTLET FOR CONDENSATE PUMP COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR BEFORE INSTALLING THE OUTLET.



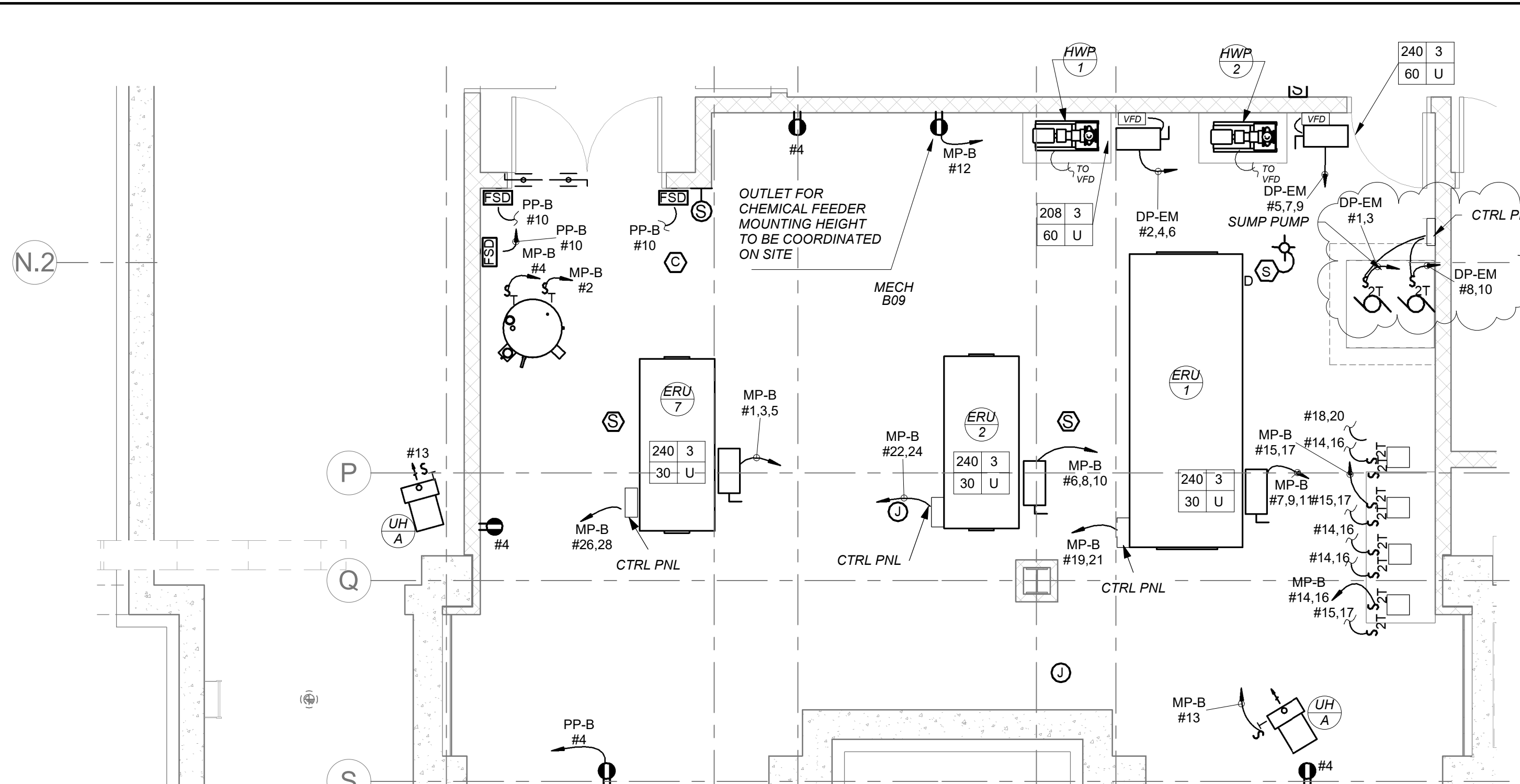
1 BASEMENT POWER AND FA PLAN
E300



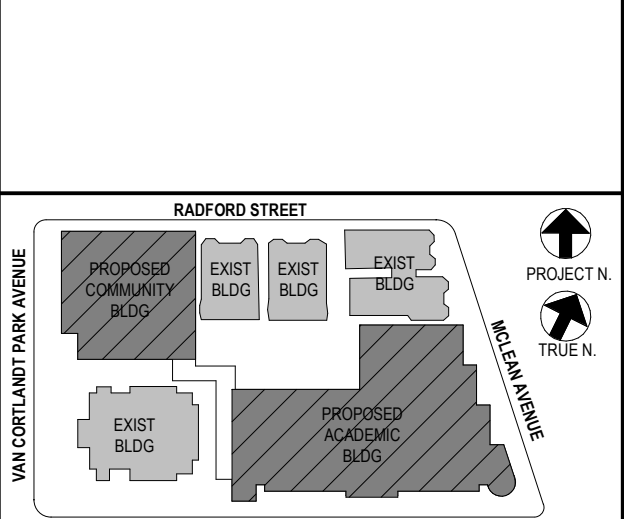
4 DATA ROOM DETAIL
E300



3 ELEV MACHINE ROOM
E300



2 MECHANICAL ROOM PART PLAN
E300



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBENT & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT IN TITLE VI, SECTION 81.5 OF NEW YORK STATE LAW, CONSTITUTE NEGLIGENCE, GROSS NEGLIGENCE OR VIOLATION OF ANY PROFESSIONAL ETHICS RULES. ANKER GARBENT & ASSOCIATES ARCHITECTS PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

BASEMENT POWER AND FA PLAN

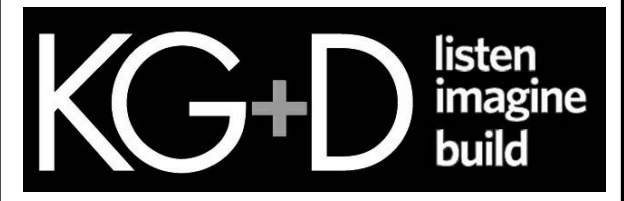
Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

E300

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



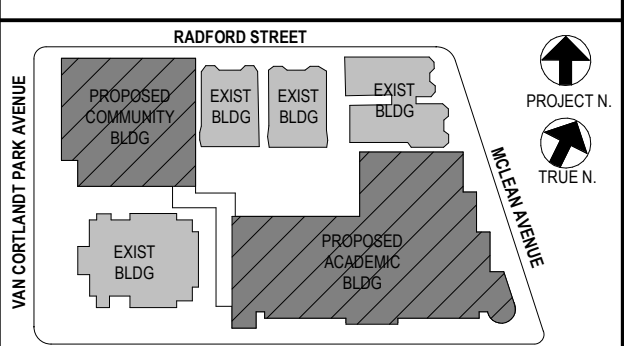
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P-914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANEXER GARBERT & ASSOCIATES ARCHITECTS PC (AGAA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGAA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR ARCHITECT, IS A VIOLATION OF TITLE 24, SECTION 24-155 OF NEW YORK STATE LAW. COPYRIGHT © 2022 ANEXER GARBERT & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

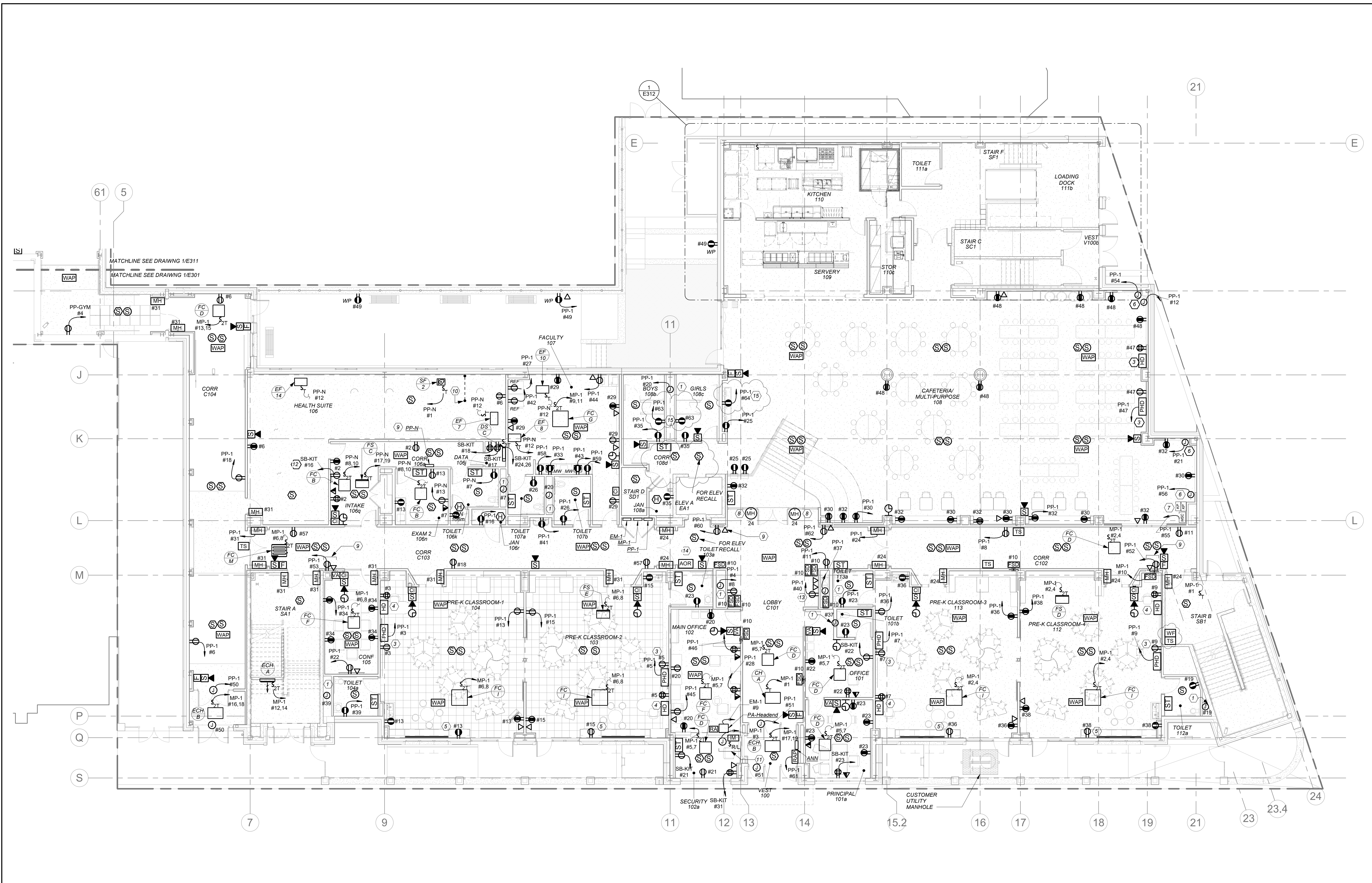
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | 01/13/2022 | CONFORMED SET |
| 6 | 12/10/2021 | ADDENDUM 4 |
| 7 | 11/01/2021 | ISSUED TO BID |
| 8 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 9 | | |

1st FLOOR POWER AND FA PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
E301



1 1st FLOOR POWER AND FA PLAN
E301



WORK NOTES.

- 1 ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
- 2 NOT USED.
- 3 PROVIDE DUPLEX RECEPTACLES 18" AFF CENTERED DIRECTLY BELOW "PHD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- 4 COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- 5 COUNTER HEIGHT RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE THE START OF ANY WORK.
- 6 PROVIDE CEILING MOUNTED JUNCTION BOXES FOR MOTORIZED SHADES AT EACH WINDOW IN THE CAFETERIA. COORDINATE WITH SHADE MANUFACTURER FOR EXACT REQUIREMENTS. ELECTRICAL CONTRACTOR TO PROVIDE ALL INTER-CONNECTIONS BETWEEN THE MOTOR AND CONTROLLER. COORDINATE WITH ARCHITECT/OWNER BEFORE START OF ANY WORK. REFER TO DETAIL 2 ON DRAWING ET05 FOR ADDITIONAL INFORMATION.
- 7 LOCATION FOR MOTORIZED SHADES CONTROLLER AND KEY PAD. EXACT LOCATION TO BE CONFIRMED WITH ARCHITECT BEFORE START OF ANY WORK.
- 8 ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL FLOOR MOUNTED MAGNETIC DOOR HOLDERS. COORDINATE ALL FLOOR TRENCHING AND EXACT LOCATIONS WITH ARCHITECT BEFORE START OF ANY WORK.

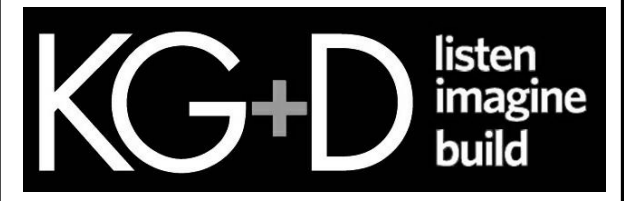
- 9 THE DUPLEX RECEPTACLE AND DATA DROP IS FOR A WALL MOUNTED DISPLAY SCREEN. EXACT MOUNTING HEIGHT SHOULD BE COORDINATED WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- 10 PROVIDE 1" CONDUIT STUBBED UP IN FLOOR 4" ABOVE GRADE AND STUBBED UP 6" ABOVE CEILING. INSTALL PRIOR TO CONCRETE SLAB BEING POURED.
- 11 PROVIDE POWER FOR FIRE SHUTTERS AND INTERCONNECT WITH RAISE AND LOWER SWITCH. FIRE SHUTTER SHALL BE INTERCONNECTED WITH FIRE ALARM VIA INTERFACE MODULE AS SHOWN. COORDINATE FINAL LOCATION WITH VENDOR AND CONSTRUCTION MANAGER.
- 12 APPROX LOCATION FOR THE REFRIGERATOR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
- 13 LOCATION FOR SOLAR POWER DISPLAY UNIT. PROVIDE (1) POWER AND (2) DATA DROPS. PROVIDE (1) CAT 6 CABLE FROM THIS LOCATION TO THE SOLAR CONTROL PANEL LOCATED IN THE MAIN ELECTRICAL ROOM IN BASEMENT LEVEL AND (1) CAT 6 CABLE FROM THIS LOCATION TO THE MDF LOCATED IN THE BASEMENT LEVEL. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
- 14 RESCUE ASSISTANCE SYSTEM. REFER TO RISER ON DRAWING E503.
- 15 ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.

GENERAL NOTES:

- 1 REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
- 2 REFER TO DRAWINGS E800 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
- 3 REFER TO DRAWINGS ET00 SERIES FOR DETAILS.
- 4 ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
- 5 ALL STANDBY RECEPTACLES FED FROM STANDBY PANELS SHALL BE RED IN COLOR FOR VISUAL IDENTIFICATION.
- 6 ALL MAGNETIC HOLDERS TO BE FURNISHED BY GENERAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



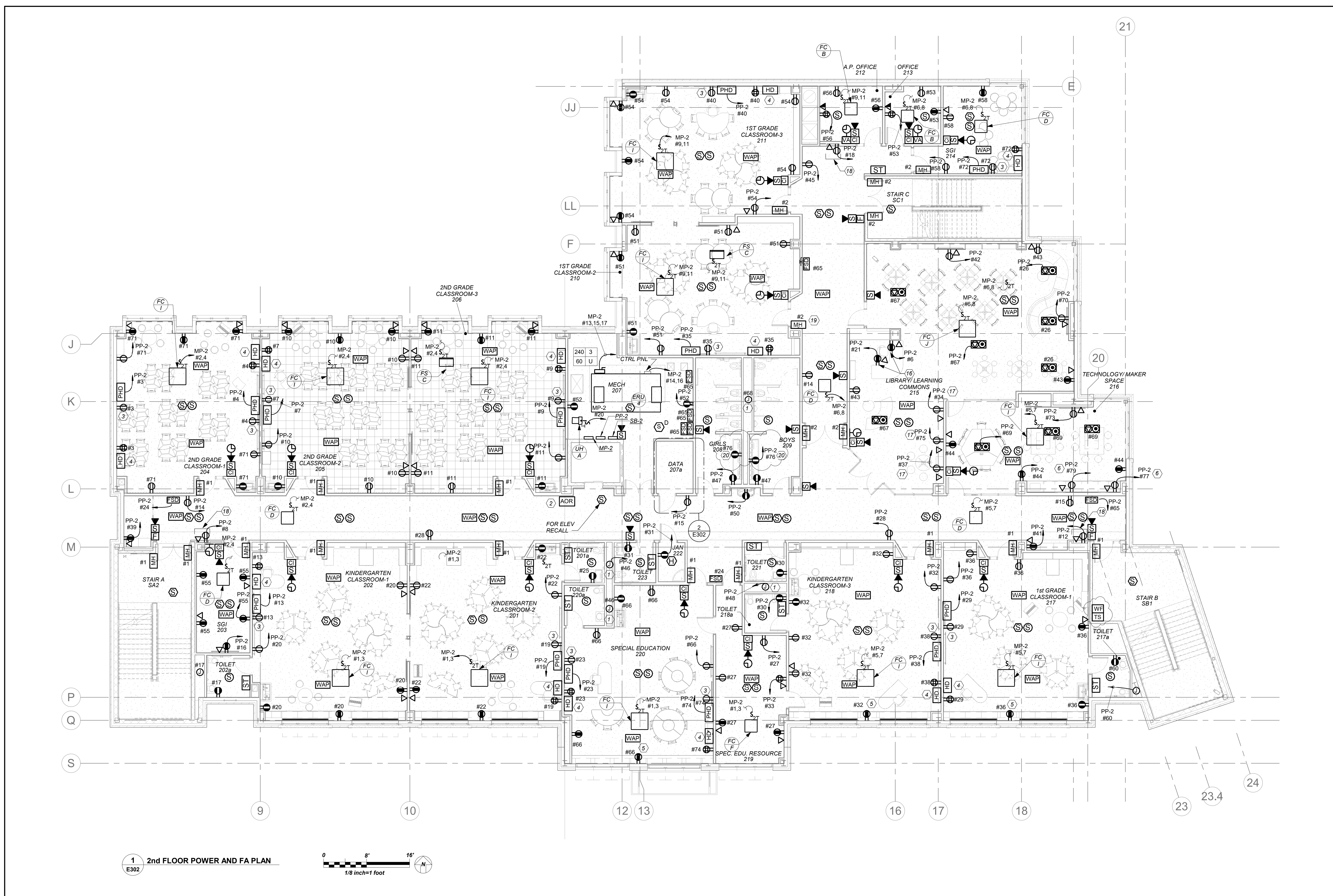
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

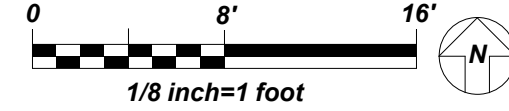
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
P.914.268.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 2nd FLOOR POWER AND FA PLAN
E302

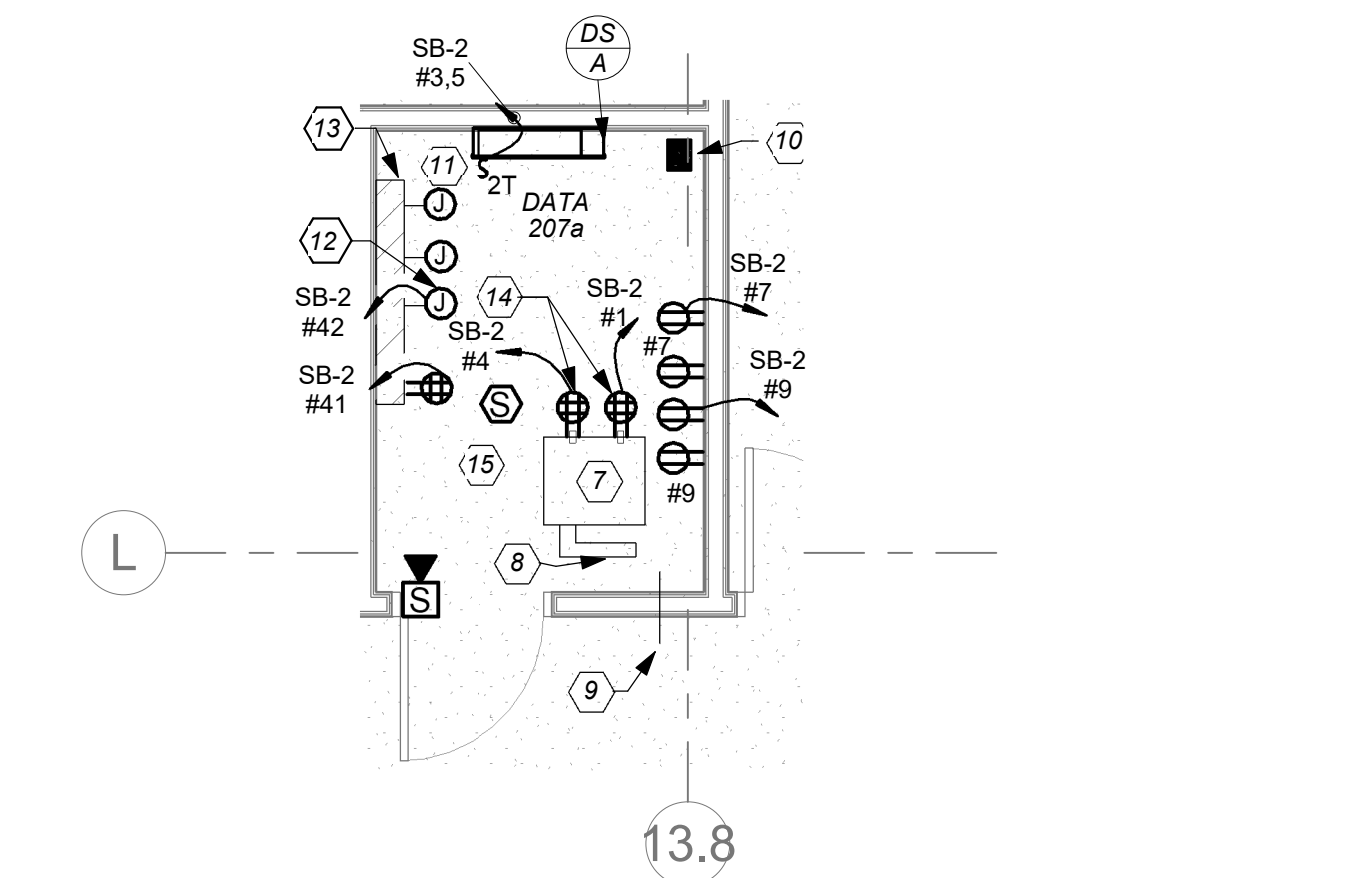


GENERAL NOTES:

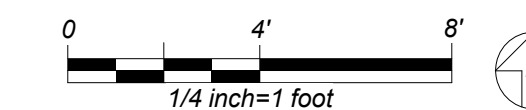
- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
- REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
- REFER TO DRAWINGS E700 SERIES FOR DETAILS.
- ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
- ALL STANDBY RECEPTACLES FED FROM STANDBY PANELS SHALL BE RED IN COLOR FOR VISUAL IDENTIFICATION.

WORK NOTES:

- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
- RESCUE ASSISTANCE SYSTEM. REFER TO RISER ON DRAWING E503
- PROVIDE DUPLEX RECEPTACLES 18" AFF CENTERED DIRECTLY BELOW 'PHD'. COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- COUNTER HEIGHT RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE THE START OF ANY WORK.
- CIRCUIT FOR LASER PRINTER. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE THE START OF ANY WORK.
- NEW 19" RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE LADDER 12" WIDE X 12" RUNG SPACING IN CLOSET CONNECTING TO RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE NEW 4" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL CABLING PATHWAY.
- FOR FLOOR PENETRATION PROVIDE ONE (1) STI EZ PATH #E-A-3054 FIRE STOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE START OF ANY WORK.
- PROVIDE JUNCTION BOX FOR LOCK P/S REFER TO ITS LARSON DRAWINGS SE-300
- PROVIDE JUNCTION BOX FOR LDA INTERFACE REFER TO ITS LARSON DRAWINGS SE-300
- PROVIDE ONE (1) NEW 4'X8'X3/4" PLYWOOD PAINTED BLACK WITH FIRE RETARDANT PAINT.
- PROVIDE FOR CCTV DATA RACK. REFER TO ITS LARSON DRAWINGS SE-300
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING INTERCONNECTION FOR IT AND SECURITY FROM ALL DEVICES TO PATCH PANEL INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION, SUPPORT BRACKETS, JUNCTION BOXES, WIRING SUPPORTS, LABELING TAGGING ETC. REFER TO ITS LARSON DRAWINGS SERIES 'SE' FOR ALL REQUIREMENTS INCLUDED IN THIS CONTRACTORS SCOPE.
- RECEPTACLE MOUNTED IN THE KNEE WALL OF THE CIRCULATION DESK. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT BEFORE START OF ANY WORK.
- LOCATION FOR THE STUDENTS DESK COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT BEFORE START OF ANY WORK.
- THE DUPLEX RECEPTACLE AND DATA DROP IS FOR A WALL MOUNTED DISPLAY SCREEN. EXACT MOUNTING HEIGHT SHOULD BE COORDINATED WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
- COORDINATE MAGNETIC DOOR HOLDER LOCATIONS WITH DOOR VENDOR BEFORE THE START OF ANY WORK.
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.



2 2nd FLOOR DATA ROOM
E302



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NOTE: ALL LOCAL SESSION ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KATIE GARRETT & ASSOCIATES ARCHITECTS PC. THESE ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KATIE GARRETT & ASSOCIATES ARCHITECTS PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, IS A VIOLATION OF TITLE 24, SECTION 2601 OF THE NEW YORK STATE LAW. COPYRIGHT NOTICE: KATIE GARRETT & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
2nd FLOOR POWER AND FA PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BSA/BGA
Sheet Number

E302

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL DISTRICT
 121 McLean Avenue
 Yonkers, NY 10705



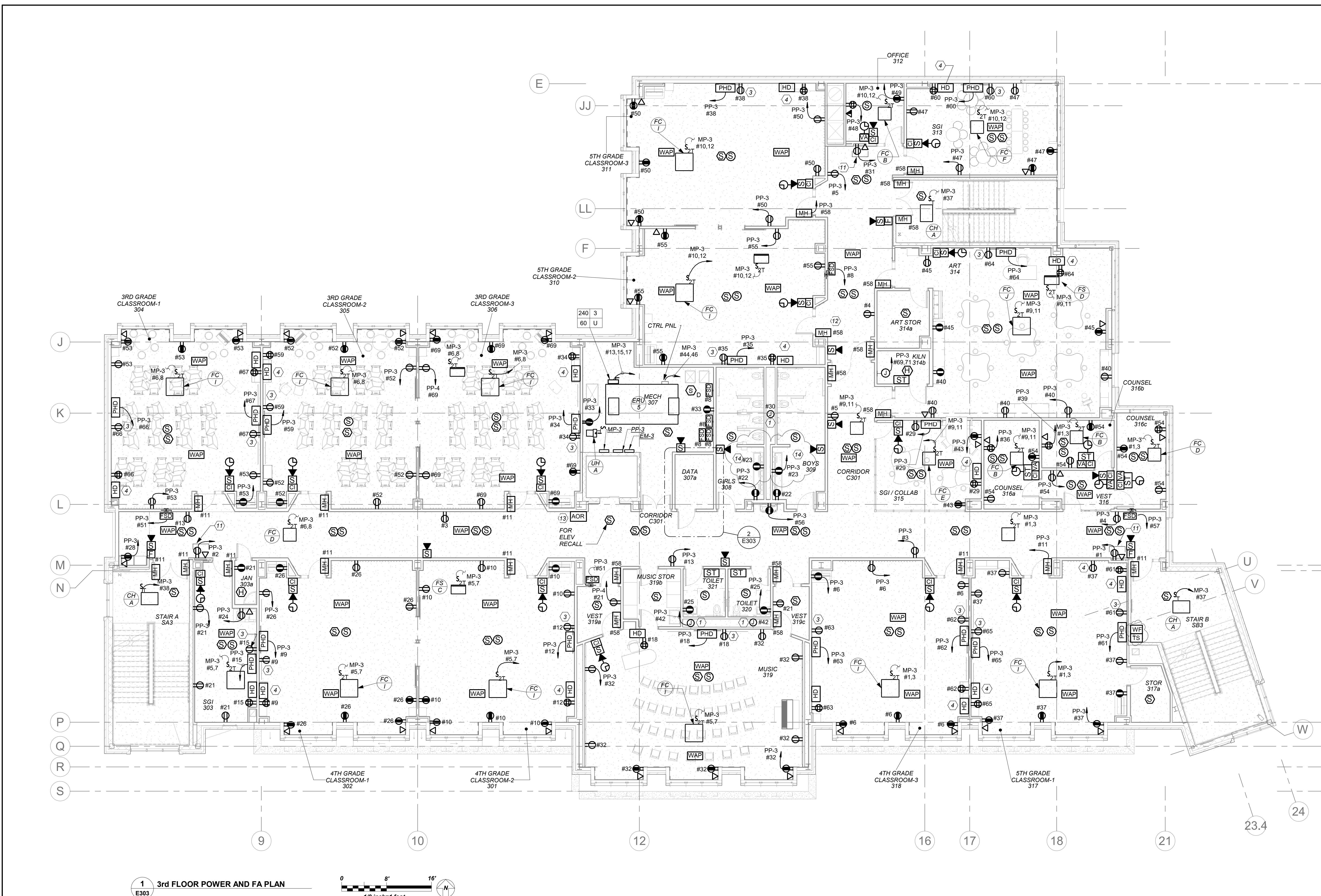
KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P-914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

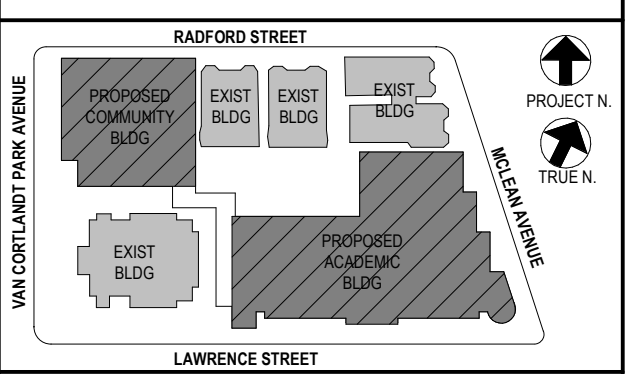
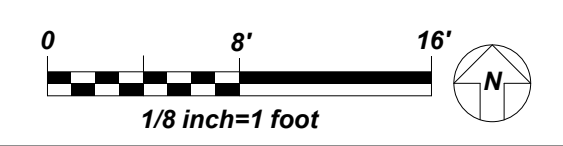
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLASANTVILLE, NY 10570
 P-914.686.5900 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



1 3rd FLOOR POWER AND FA PLAN
 E303



NOTE: ALL LOCAL, REGIONAL, STATEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF THE REGISTERED PROFESSIONAL ENGINEER, ARCHITECT, OR ENGINEER WHOSE NAME IS ON THIS DRAWING. NO PART OF THIS DRAWING OR ANY INFORMATION CONTAINED HEREIN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

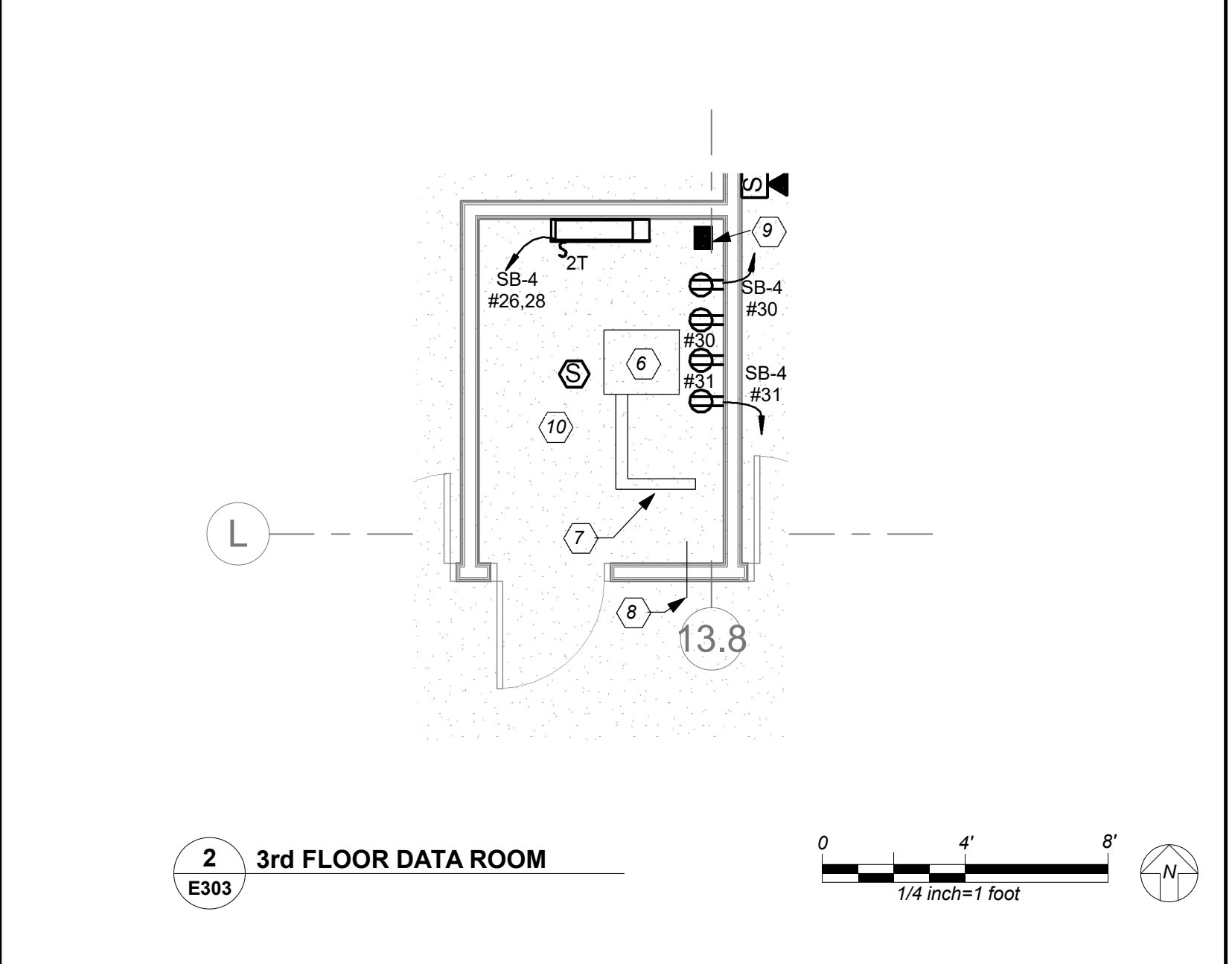
WRITTEN DIMENSIONS ON THIS DRAWING SHALL PREVAIL OVER DIMENSIONS INDICATED ON ANY OTHER DRAWING. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, REGISTERED PROFESSIONAL DESIGNER, OR REGISTERED PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 24, SECTION 2603 OF THE NEW YORK STATE LAW. COPYRIGHT © 2022 KG+D ARCHITECTS PC. ALL RIGHTS RESERVED.

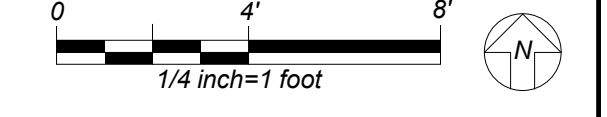
Professional Seal

- GENERAL NOTES:**
- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
 - REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWINGS E700 SERIES FOR DETAILS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
 - ALL STANDBY RECEPTACLES FED FROM STANDBY PANELS SHALL BE RED IN COLOR FOR VISUAL IDENTIFICATION.
- WORK NOTES:**
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
 - NOT USED.
 - PROVIDE DUPLEX RECEPTACLES 18" AFF CENTERED DIRECTLY BELOW "PHD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK "HD" WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COUNTER HEIGHT RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE THE START OF ANY WORK.
 - NEW 19" RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION. RESERVE 2U RACK SPACE FOR SECURITY PATCH PANEL.
 - PROVIDE LADDER 12" WIDE X 12" RUNG SPACING IN CLOSET CONNECTING TO RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
 - PROVIDE NEW 4" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL CABLING PATHWAY.
 - FOR FLOOR PENETRATION PROVIDE ONE (1) ST/EZ PATH #A-3054 FIRE STOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE START OF ANY WORK.
 - THIS CONTRACTOR IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING INTERCONNECTION FOR IT AND SECURITY FROM ALL DEVICES TO PATCH PANEL INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION, SUPPORT BRACKETS, JUNCTION BOXES, WIRING SUPPORTS, LABELING TAGGING ETC. REFER TO ITS LARSON DRAWINGS SERIES "SE" FOR ALL REQUIREMENTS INCLUDED IN THIS CONTRACTOR'S SCOPE.
 - THE DUPLEX RECEPTACLE AND DATA DROP IS FOR A WALL MOUNTED DISPLAY SCREEN. EXACT MOUNTING HEIGHT SHOULD BE COORDINATED WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COORDINATE MAGNETIC DOOR HOLDER LOCATIONS WITH DOOR VENDOR BEFORE THE START OF ANY WORK.
 - RESCUE ASSISTANCE SYSTEM. REFER TO RISER ON DRAWING E503

(14) ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.



2 3rd FLOOR DATA ROOM
 E303



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
3rd FLOOR POWER AND FA PLAN

| | | | |
|--------------|-------------|-----------------|---------|
| Job No. | 2019-1026 | Date | 8/31/20 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | E303 | | |

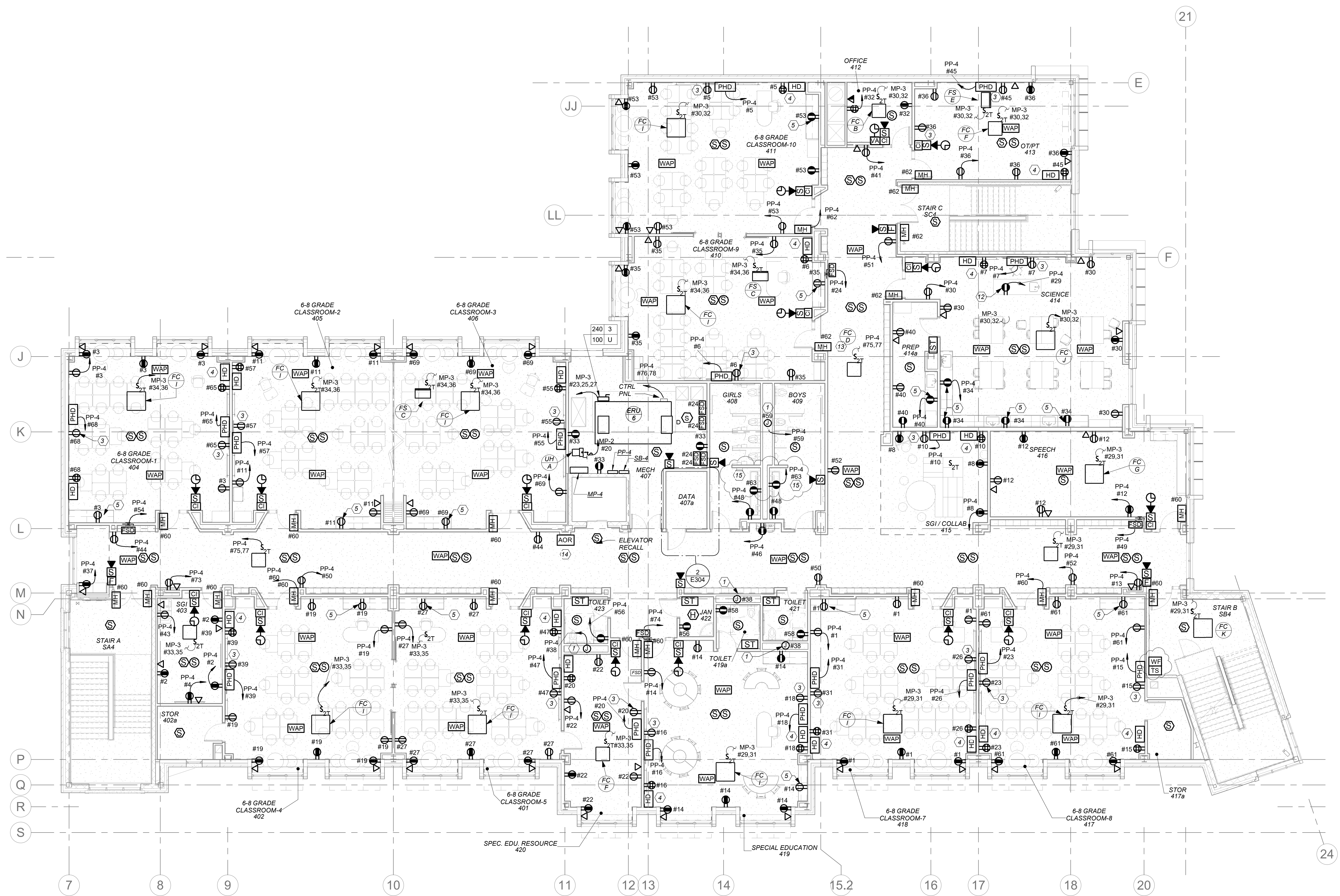
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

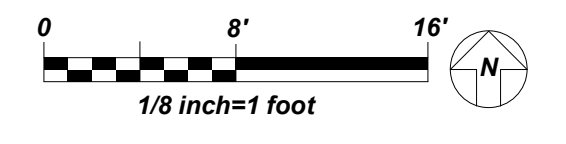


NY SED PROJECT CONTROL NO.
66-23-00-0-0-346-001

CONSTRUCTION DOCUMENTS



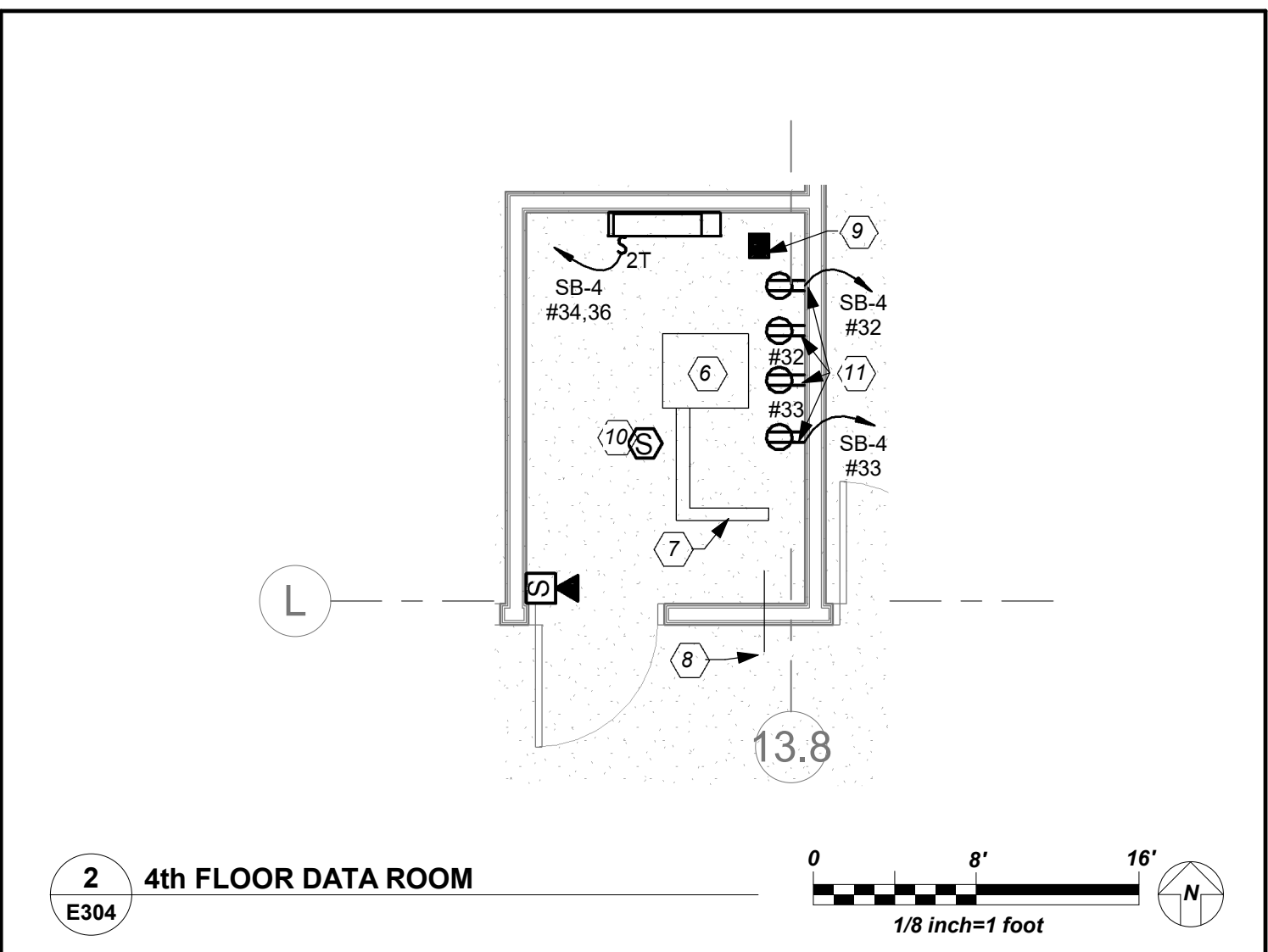
1 4th FLOOR POWER AND FA PLAN
E304



- GENERAL NOTES:**
- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
 - REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWINGS E700 SERIES FOR DETAILS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.

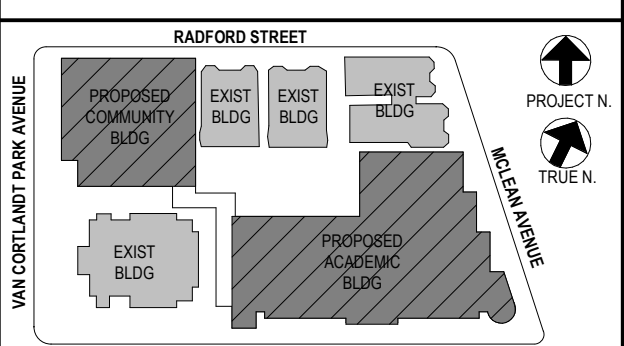
- WORK NOTES:**
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
 - NOT USED.
 - PROVIDE DUPLEX RECEPTACLES 18" AFF DIRECTLY CENTERED BELOW "PHD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COUNTER HEIGHT RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT/OWNER BEFORE THE START OF ANY WORK.
 - NEW 19" RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
 - PROVIDE LADDER 12" WIDE X12" RUNG SPACING IN CLOSET CONNECTING TO RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
 - PROVIDE NEW 4" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL CABLING PATHWAY.
 - FOR FLOOR PENETRATION PROVIDE ONE (1) STI EZ PATH #F-A-3054 FIRE STOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE START OF ANY WORK.
 - THIS CONTRACTOR IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING INTERCONNECTION FOR IT AND SECURITY FROM ALL DEVICES TO PATCH PANEL INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION, SUPPORT BRACKETS, JUNCTION BOXES, WIRING SUPPORTS, LABELING TAGGING ETC. REFER TO ITS LARSON DRAWINGS SERIES "SE" FOR ALL REQUIREMENTS INCLUDED IN THIS CONTRACTORS SCOPE.

- WORK NOTES:**
- EXACT MOUNTING LOCATION OF OUTLETS SHALL BE COORDINATED WITH OWNERS IT DEPARTMENT BEFORE THE START OF ANY WORK.
 - RECEPTACLE SHALL BE MOUNTED ON THE FACE OF THE SCIENCE TABLE. COORDINATE WITH GENERAL CONTRACTOR/ARCHITECT BEFORE START OF ANY WORK.
 - COORDINATE MAGNETIC DOOR HOLDER LOCATIONS WITH DOOR VENDOR BEFORE THE START OF ANY WORK.
 - RESQUE ASSISTANCE SYSTEM. REFER TO RISER ON DRAWING E503
 - ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.



0 8' 16'
1/8 inch=1 foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBERT & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-05 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBERT & ASSOCIATES ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

4th FLOOR POWER AND FA PLAN

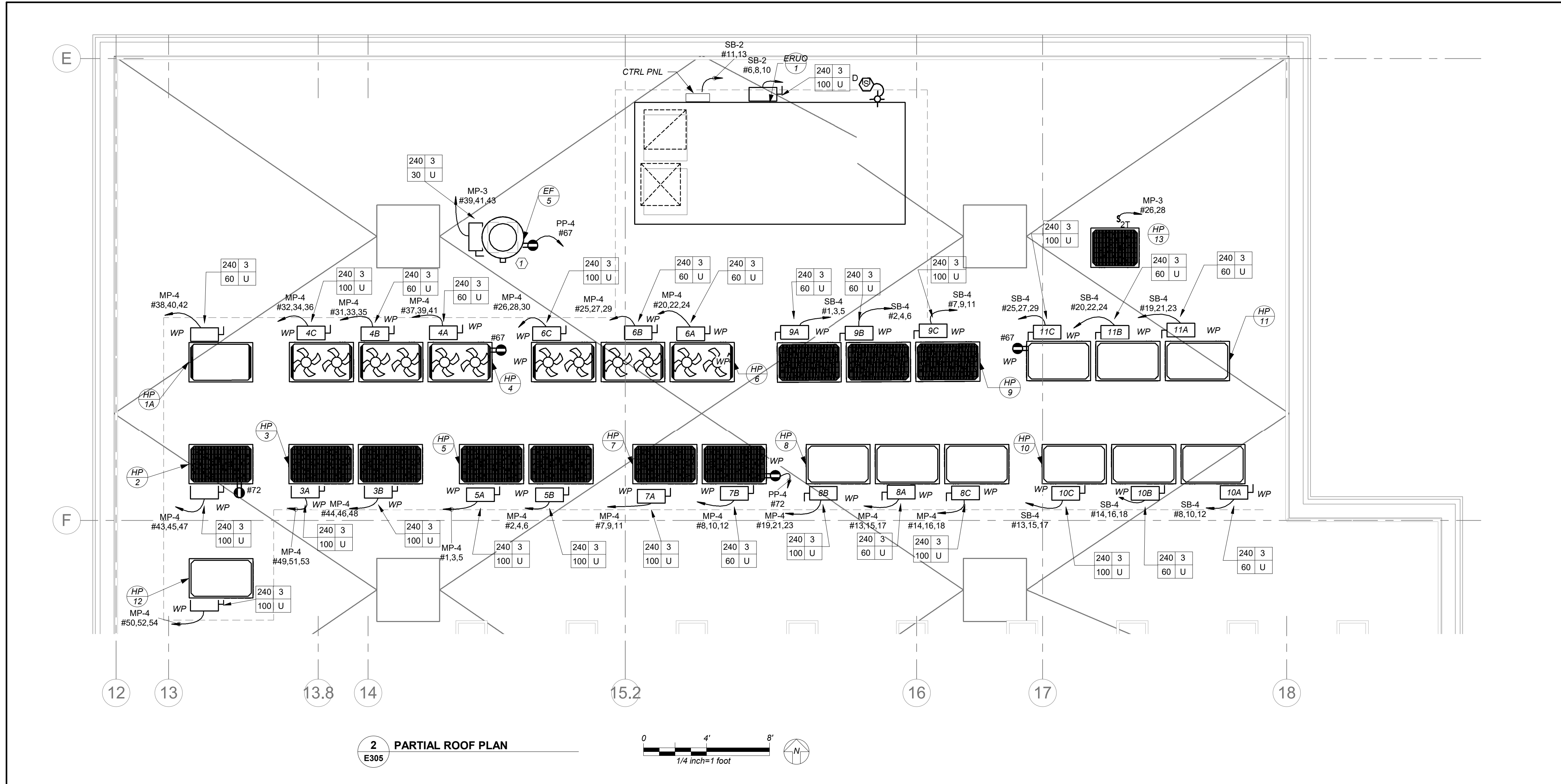
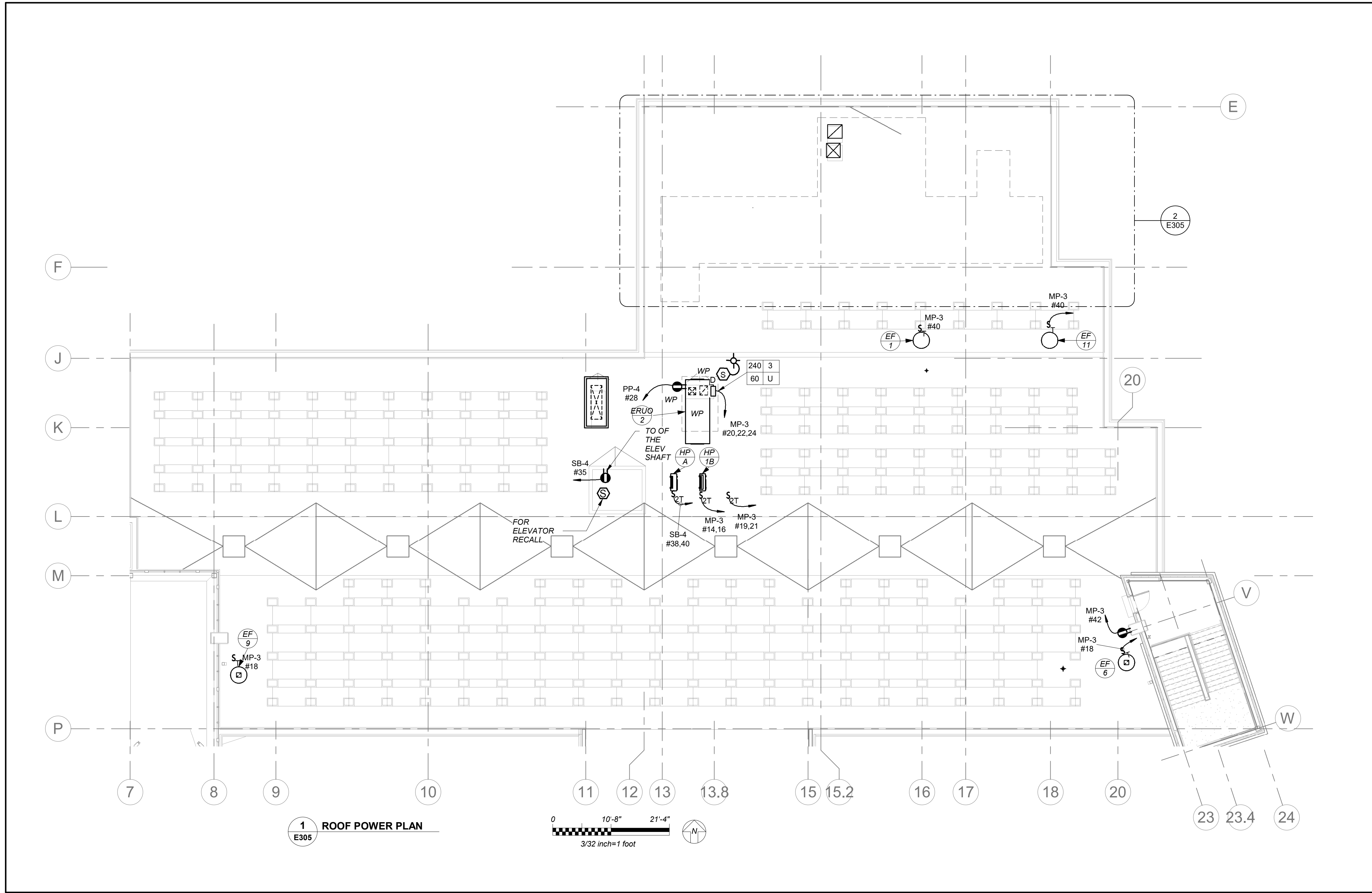
| Job No. | Date |
|-----------|---------|
| 2019-1026 | 8/31/20 |

| Scale | Drawn / Checked |
|----------|-----------------|
| AS NOTED | BGA/BGA |

Sheet Number

E304

WORK NOTES:
 ① VFD FOR EF-5 IS LOCATED IN KITCHEN 110 ON FIRST FLOOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL INTERCONNECTIONS BETWEEN EF-5, VFD, AND DISCONNECT SWITCH FOR A COMPLETE OPERATIONAL SYSTEM. COORDINATE EXACT LOCATION OF VFD WITH MECHANICAL CONTRACTOR BEFORE THE START OF ANY WORK.



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

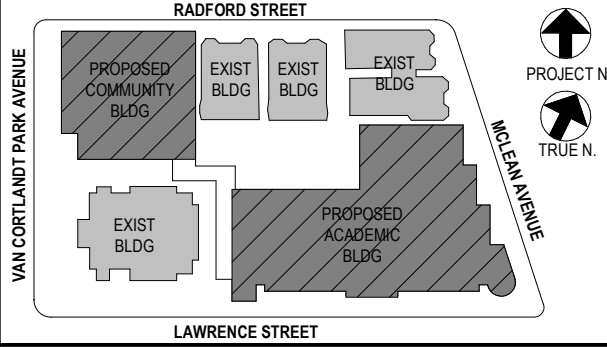
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bgga
 BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.268.0899 GENERAL@BGGA-ENG.COM WWW.BGGA-ENG.COM



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, PC (BGGA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGGA.
 WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.
 ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL OR PROFESSIONAL REGISTERED AS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW.
 COPYRIGHT © 2022 BARILE GALLAGHER & ASSOCIATES, PC ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

ROOF POWER PLAN

Job No. 2019-1026 Date 06/25/21
 Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number
E305

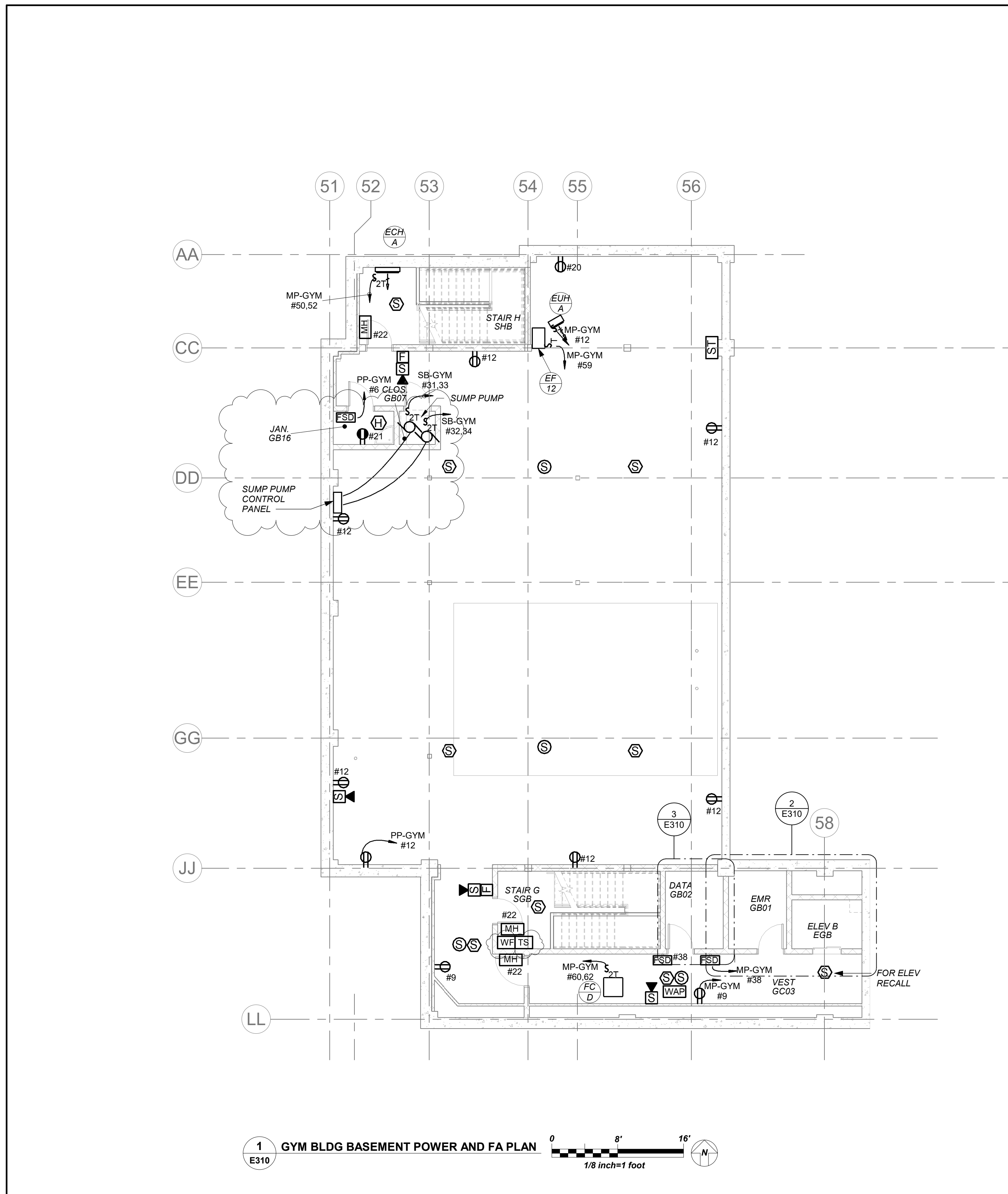
GENERAL NOTES:

- REFER TO ELECTRICAL ONE-LINE DIAGRAMS ON DRAWING E500 SERIES, FOR SCOPE OF WORK.
- REFER TO PANELBOARD SCHEDULE ON DRAWING E600 SERIES FOR BRANCH CIRCUITING INFORMATION.
- REFER TO DRAWING E700 SERIES FOR DETAILS.

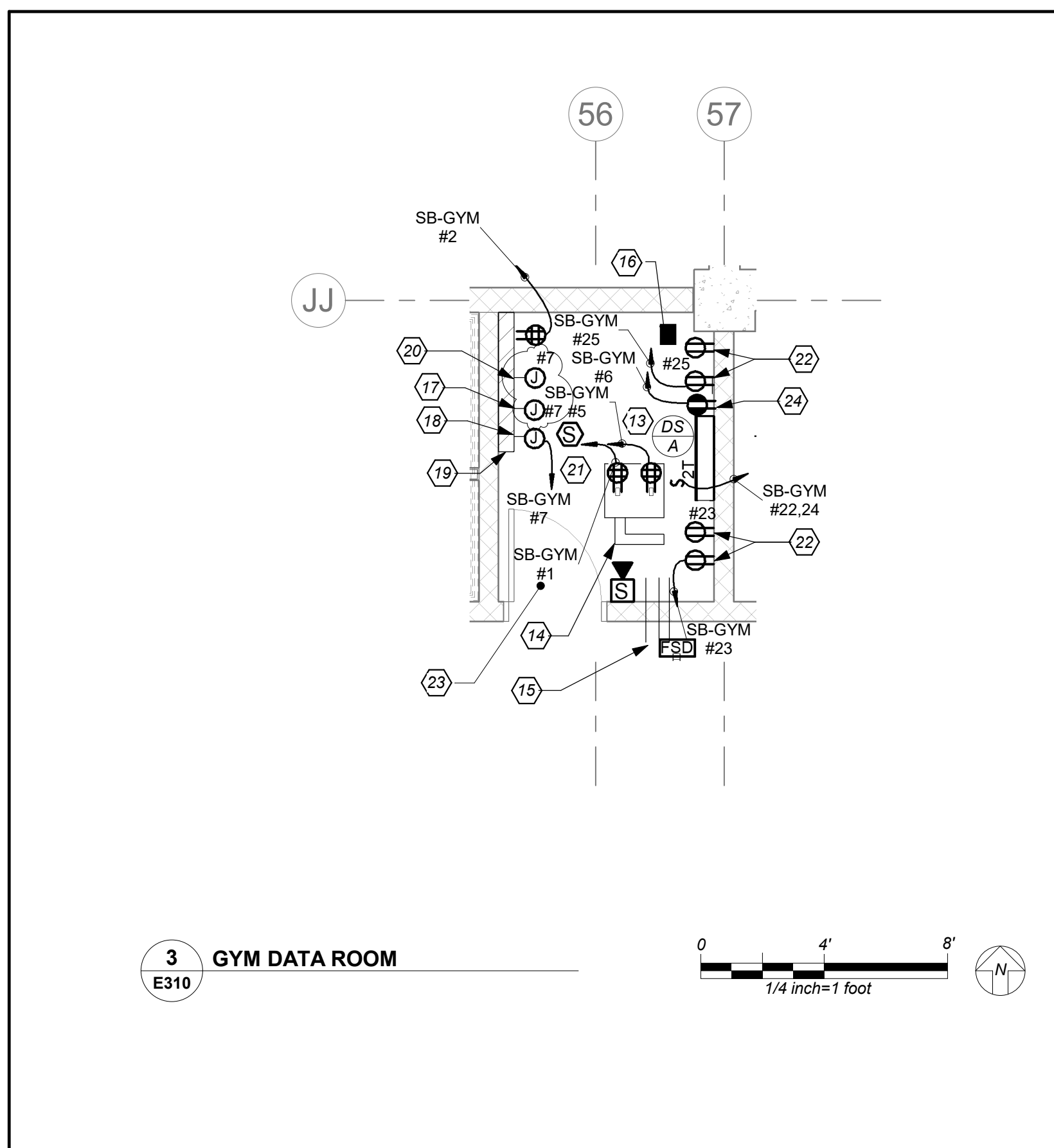
WORK NOTES:

- BEFORE THE START OF ANYWORK EC, GC AND ELEVATOR VENDOR/TECH SHALL COORDINATE THE EXACT LAYOUT OF ELEVATOR EQUIPMENT AND DEVICES WITHIN EMR, ELEVATOR SHAFT TOP AND PIT. THIS INCLUDED AND NOT LIMITED TO RECEPTACLES, SWITCHES, LIGHTS, DISC SWITCHES, ETC.
- PROVIDE DIRECT OUTSIDE PHONE LINE FROM ELEVATOR TO DATA ROOM.
- COORDINATE WITH ELEVATOR VENDOR FOR ALL ELEVATOR REQUIREMENTS INCLUDING ALL POWER AND CONTROL WIRING FOR A COMPLETE INSTALLATION. PROVIDE ALL POWER AND CONTROL WIRING REQUIRED BETWEEN ELEVATOR AND ELEVATOR MACHINE ROOM.
- DISCONNECT SWITCH TO FEED ELEVATOR CAR. PROVIDE DRY CONTACT WITH 2#18 - 3/4" FROM DISCONNECT SWITCH TO ELEVATOR CONTROLLER.
- NOT USED.
- DISCONNECT SWITCH FOR ELEVATOR CAR LIGHT. PROVIDE DRY CONTACT WITH 2#18 - 3/4" FROM DISCONNECT SWITCH TO ELEVATOR CONTROLLER.
- NOT USED.
- NOT USED.
- PROVIDE FIRE ALARM CONTROL RELAY/INTERFACE MONITORING MODULE. ONE FOR FIRE ALARM RECALL/ALTERNATE RECALL AND ONE FOR FIRE HAZALT HAT. MUST BE NORMALLY CLOSED AND CONNECTED TO SET OF DRY CONTACTS WITH CONTROLLER.
- PROVIDE FIRE ALARM CONTROL RELAY/INTERFACE MONITORING MODULE FOR DISCONNECT TO MONITOR.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND CONTINUE FEEDER & CONDUIT CONNECTION FROM MAINLINE POWER DISCONNECT TO ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR VENDOR AND ARCHITECT BEFORE START OF WORK.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND CONTINUE FEEDER & CONDUIT CONNECTION FROM CAB LIGHT DISCONNECT TO ELEVATOR CONTROLLER. COORDINATE WITH ELEVATOR VENDOR AND ARCHITECT BEFORE START OF WORK.

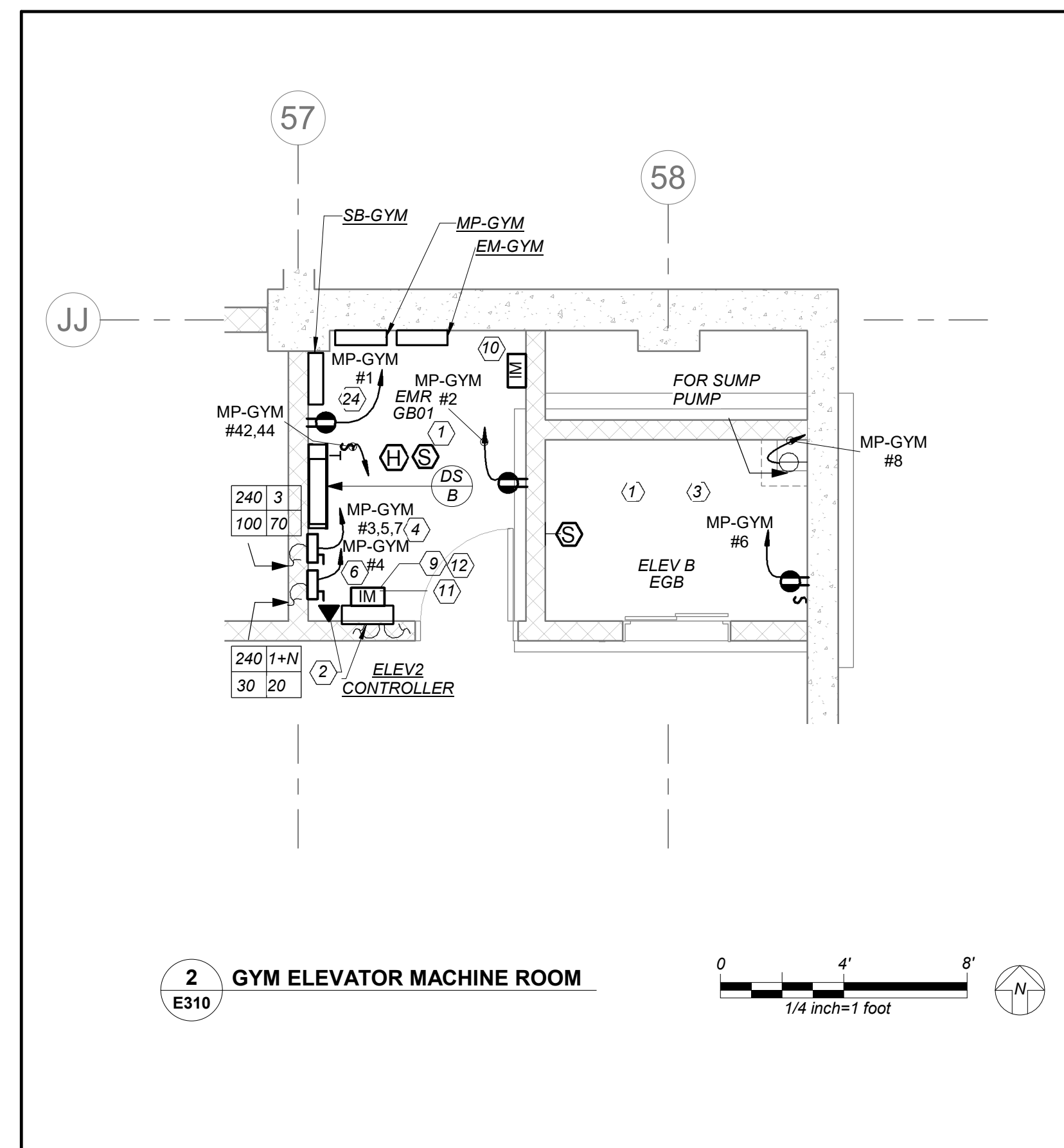
- NEW 19" RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE LADDER 12" WIDE X 12" RUNG SPACING INCLOSET CONNECTING TO RACK. REFER TO SPECIFICATIONS SECTION FOR ADDITIONAL INFORMATION.
- PROVIDE NEW (3) 4" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL CABLING PATHWAY.
- FOR FLOOR PENETRATION PROVIDE ONE (1) STI EZ PATH #F-A-3054 FIRE STOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE START OF ANY WORK.
- PROVIDE JUNCTION BOX FOR LOCK P/S REFER TO ITG LARSON DRAWINGS SE-300
- PROVIDE JUNCTION BOX FOR ILDA P/S REFER TO ITG LARSON DRAWINGS SE-300
- PROVIDE ONE (1) NEW 4'X8'X3/4" PLYWOOD PAINTED BLACK WITH FIRE RETARDANT PAINT.
- PROVIDE JUNCTION BOX FOR BURGLAR ALARM INTERFACE REFER TO ITG LARSON BEFORE START OF ANYWORK.
- PROVIDE FOR CCTV ON DATA RACK. REFER TO ITG LARSON DRAWINGS SE-300
- THESE RECEPTACLES ARE FOR IT EQUIPMENT. COORDINATE WITH YONKERS IT DEPT FOR EXACT MOUNTING LOCATIONS BEFORE START OF ANY WORK.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING INTERCONNECTION FOR IT AND SECURITY FROM ALL DEVICES TO PATCH PANEL INCLUDING BUT NOT LIMITED TO DEVICE INSTALLATION, SUPPORT BRACKETS, JUNCTION BOXES, WIRING SUPPORTS, LABELING TAGGING ETC. REFER TO ITG LARSON DRAWINGS SERIES 'SE' FOR ALL REQUIREMENTS INCLUDED IN THIS CONTRACTORS SCOPE.
- PROVIDE CEILING MOUNTED GFI OUTLET FOR CONDENSATE PUMP COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR BEFORE INSTALLING THE OUTLET.



1 GYM BLDG BASEMENT POWER AND FA PLAN
E310



3 GYM DATA ROOM
E310



2 GYM ELEVATOR MACHINE ROOM
E310

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

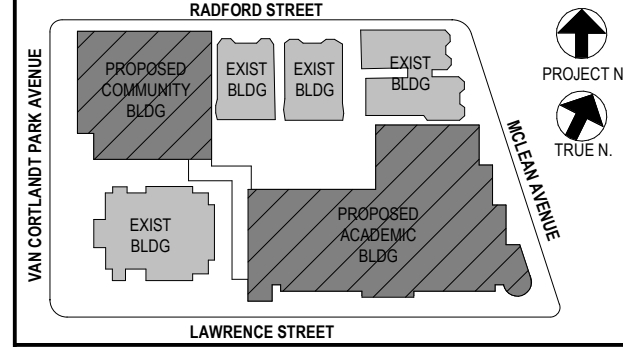
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHANNON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHANNON ARCHITECTS S ENGINEERS, PC. ALL RIGHTS RESERVED.

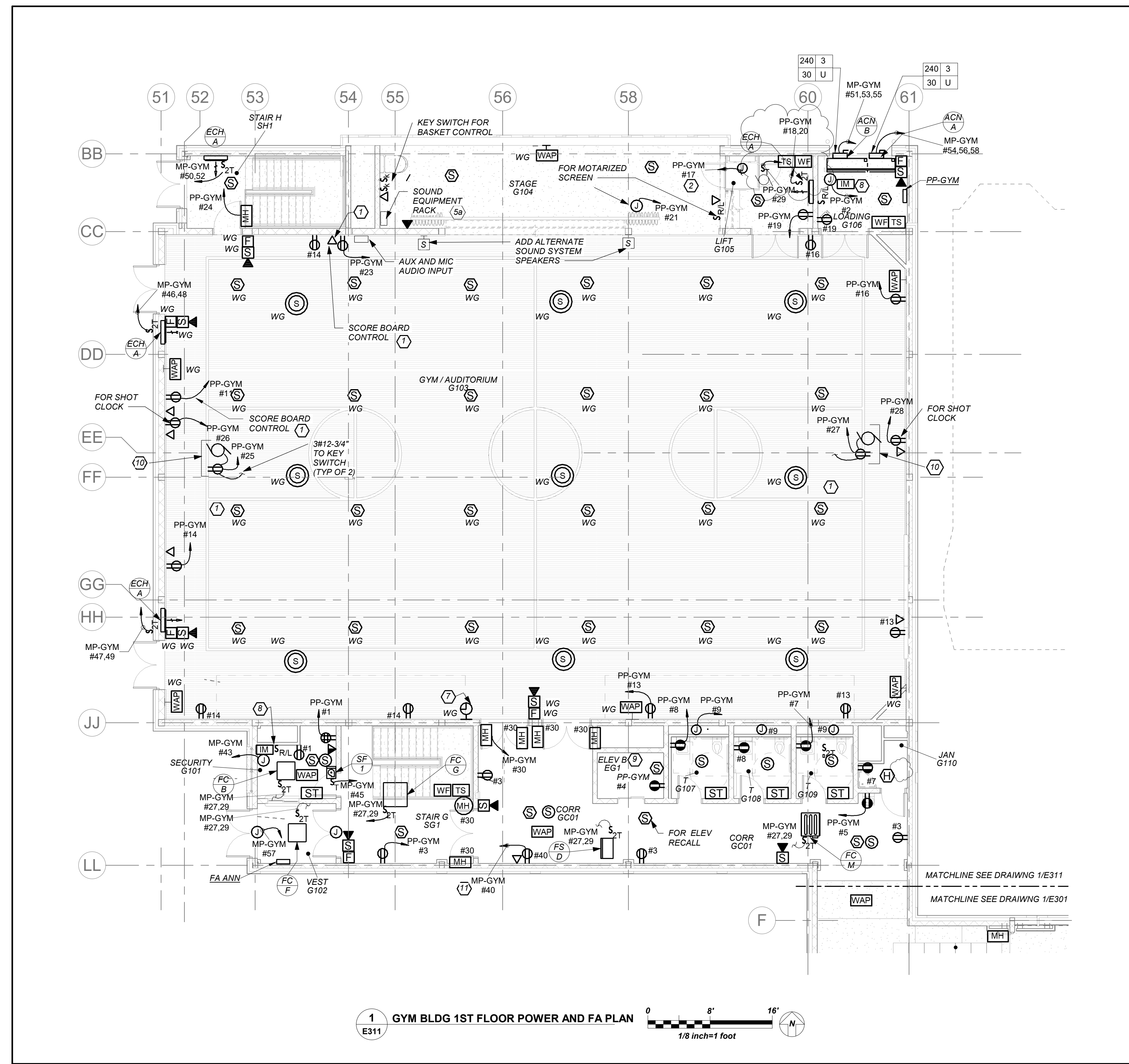
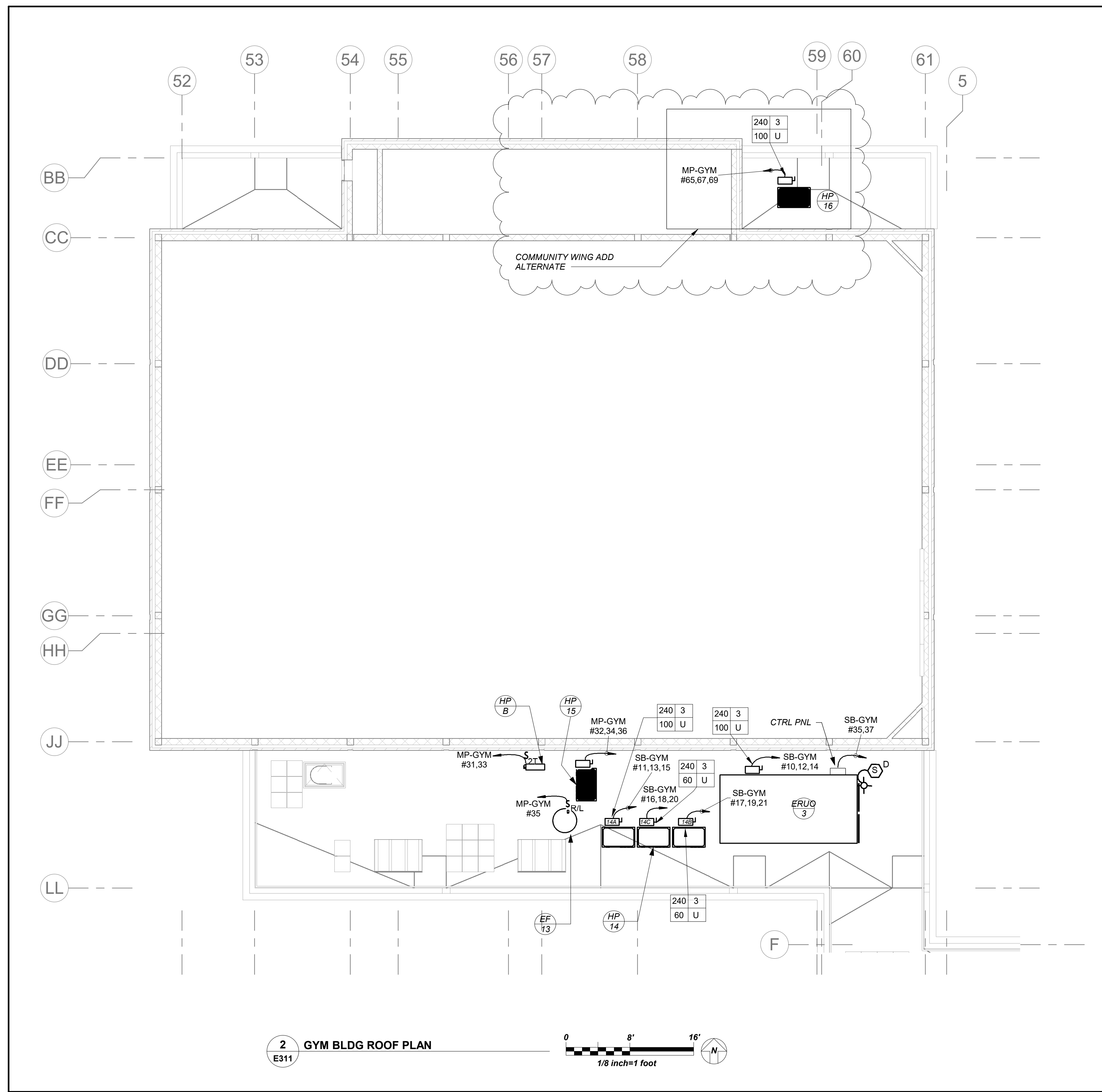
Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

COMM.WING BASEMENT POWER AND FA PLAN

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

E310



- GENERAL NOTES:**
- REFER TO ELECTRICAL ONE LINE DIAGRAMS ON DRAWING E800 SERIES, FOR SCOPE OF WORK.
 - REFER TO PANELBOARD SCHEDULE ON DRAWING E600 SERIES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWING E700 SERIES FOR DETAILS.
- WORK NOTES:**
- COORDINATE EXACT MOUNTING HEIGHT LOCATION FOR SHOT CLOCK AND SCOREBOARD WITH ARCHITECT BEFORE START OF ANYWORK
 - PROVIDE 20AMP DEDICATE CIRCUIT FOR THE STAGE LIFT. COORDINATE ALL WORK WITH GENERAL CONTRACTOR BEFORE START OF ANY WORK
 - NOT USED
 - PROVIDE DEDICATED CIRCUIT TO THE MOTORIZED SCREEN. EC TO COORDINATE ALL WORK WITH GENERAL CONTRACTOR.
 - SOUND SYSTEM FOR GYM/AUDITORIUM: ALL WORK ASSOCIATED WITH SOUND SYSTEM TO BE **ADD ALTERNATE**.
 - (5a) WALL MOUNTED EQUIPMENT: COORDINATE EXACT LOCATION WITH ARCHITECT/ GENERAL CONTRACTOR BEFORE STAR OF ANY WORK.
 - (5b) LOCATION FOR THE WALL MOUNT LOUD SPEAKERS MOUNTED 16" AFF COORDINATE EXACT LOCATION WITH ARCHITECT/ GENERAL CONTRACTOR BEFORE STAR OF ANY WORK.
 - (5c) LOCATION OF AUXILIARY AND MIC AUDIO INPUT PLATE MOUNTED 18" AFF. COORDINATE EXACT LOCATION WITH ARCHITECT/ GENERAL CONTRACTOR BEFORE STAR OF ANY WORK.
 - WAP'S SHALL BE MOUNTED 15" AFF. HOWEVER COORDINATE EXACT MOUNTING HEIGHT WITH OWNER PRIOR TO START OF ANY WORK.
 - PROVIDE NEW 16" WALL CLOCK WITH WIRE GUARD.
 - PROVIDE POWER FOR FIRE SHUTTERS AND INTERCONNECT WITH RAISE AND LOWER SWITCH. FIRE SHUTTER SHALL BE INTERCONNECTED WITH FIRE ALARM VIA INTERFACE MODULE AS SHOWN. COORDINATE FINAL LOCATION WITH VENDOR AND CONSTRUCTION MANAGER.
 - PROVIDE RECEPTACLE AND SMOKE DETECTOR AT TOP OF SHAFT. COORDINATE EXACT MOUNTING LOCATION WITH ELEVATOR VENDOR BEFORE START OF ANY WORK.
 - COORDINATE EXACT MOUNTING LOCATION OF OUTLET AND KEY SWITCH FOR WINCH WITH EQUIPMENT VENDOR AND GC BEFORE START OF ANY WORK
 - THE DUPLEX RECEPTACLE AND DATA DROP IS FOR A WALL MOUNTED DISPLAY SCREEN. EXACT MOUNTING HEIGHT SHOULD BE COORDINATED WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.

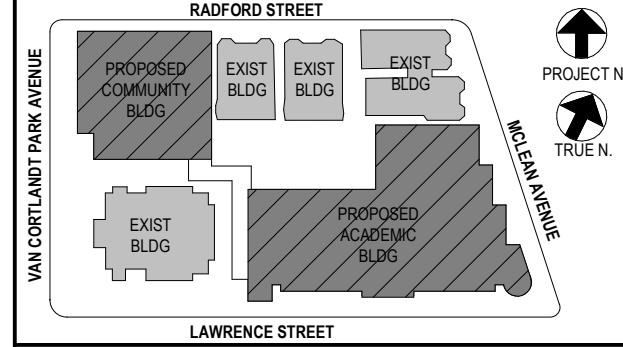
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bgga
 BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 99 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.326.0099 GENERAL@BGGA-ENG.COM WWW.BGGA-ENG.COM



NOTE: ALL LOCAL SESSION ARRANGEMENTS ARE PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARDNER & SHAWSON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-150 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARDNER & SHAWSON ARCHITECTS S ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDIUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

COMM. WING 1ST FLOOR POWER AND FA PLAN

Job No. 2019-1026 Date 8/31/20
 Scale AS NOTED Drawn / Checked BGA/ BGA

Sheet Number
E311

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



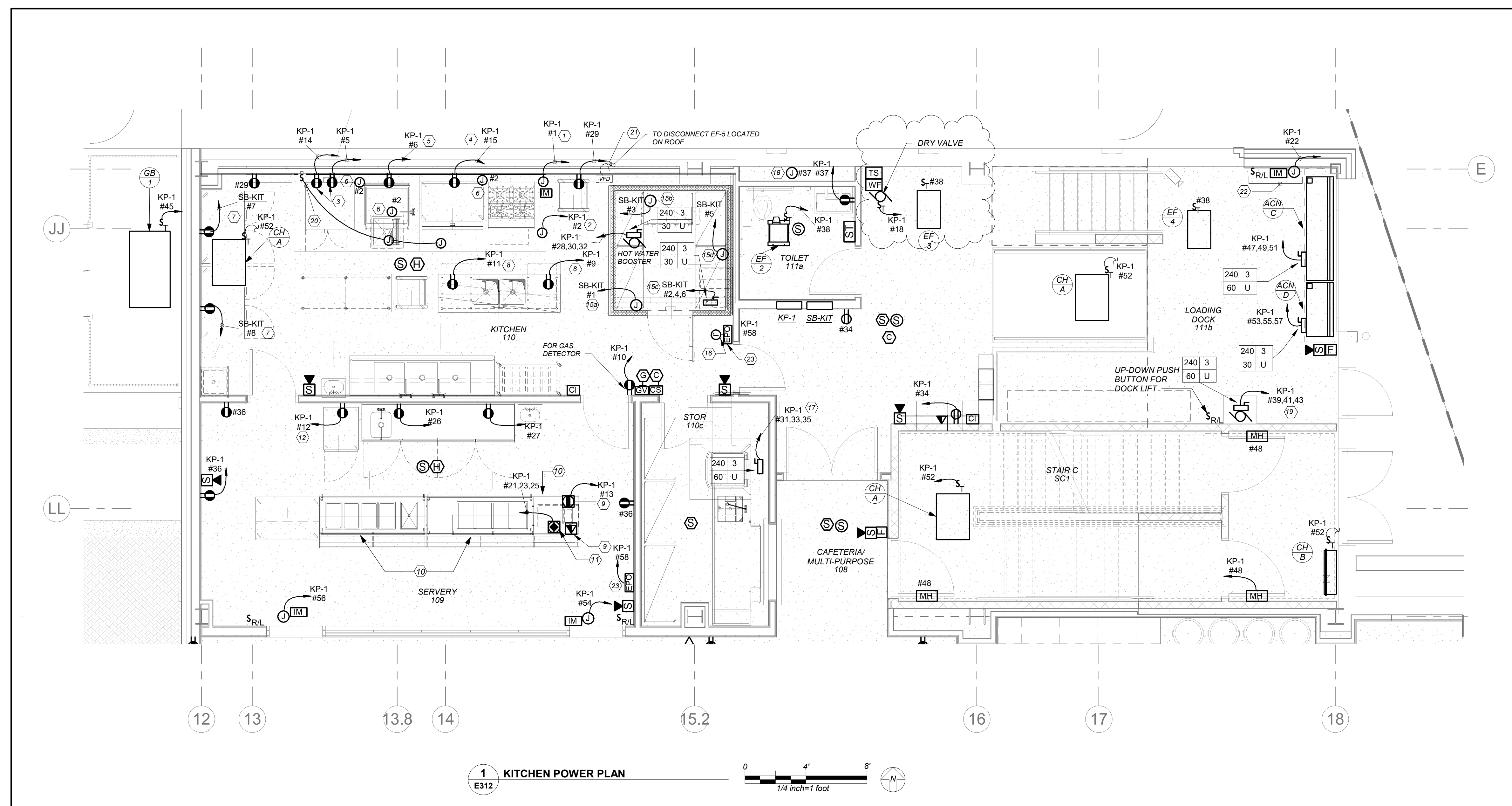
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10540
P:914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

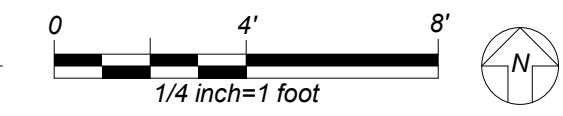
CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

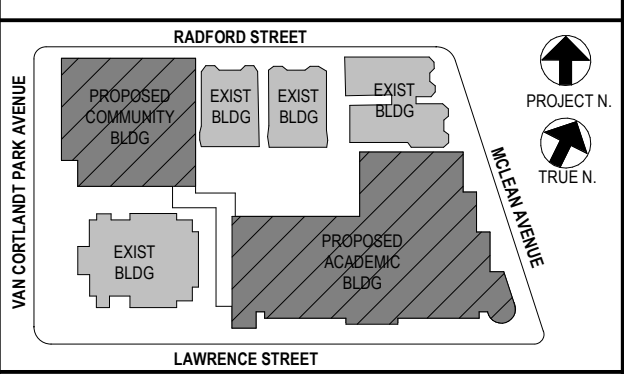


1 KITCHEN POWER PLAN
E312



WORK NOTES:

- 1 PROVIDE JUNCTION BOX FOR FIRE SUPPRESSION ANSUL SYSTEM. EXTEND CONDUIT AND WIRING FROM ANSUL SYSTEM SOLENOID GAS SHUT OFF VALVE, SHUNT TRIP BREAKER IN PANEL AND BUILDING FIRE ALARM SYSTEM. INTERWIRE WITH EXHAUST AND SUPPLY FAN MAGNETIC STARTERS AS REQUIRED. REFER TO ELECTRICAL REMARKS LEGEND ON KITCHEN DRAWINGS KA-3 FOR ADDITIONAL INFORMATION.
- 2 PROVIDE 2x12x1815-3/4" C FROM EXHAUST HOOD AUTO START CONTROL TO MAGNETIC STARTERS AND EXHAUST AND SUPPLY FANS. PROVIDE TWO WIRES EACH TO THERMOSTATS AND TWO WIRES TO FIRE SUPPRESSION SYSTEM. REFER TO WIRING DIAGRAM ON KITCHEN EQUIPMENT DRAWINGS KA-3.
- 3 2 DEDICATED CIRCUITS FOR CONVENTION OVEN TOP AND BOTTOM. COORDINATE IN FIELD FOR MOUNTING LOCATIONS.
- 4 CIRCUIT FOR COUNTER TOP GRIDDLE. COORDINATE IN FIELD FOR MOUNTING LOCATIONS.
- 5 CIRCUIT FOR BRAISING PAN. COORDINATE IN FIELD FOR MOUNTING LOCATIONS.
- 6 TOGGLE SWITCH FOR HOOD FAN CONTROL AND CONNECTION TO DUCT TEMPERATURE SENSOR WITH 2#12x1812G - 3/4" TC. TOGGLE SWITCH FURNISHED BY OTHERS. EC TO INSTALL AND WIRE TO HEAT SENSORS. SENSORS FURNISHED AND INSTALLED BY OTHERS. REFER TO KITCHEN EQUIPMENT DRAWING KA SERIES FOR ADDITIONAL INFORMATION.
- 7 CIRCUIT FOR NEW REACH-IN REFRIGERATOR. COORDINATE IN FIELD FOR MOUNTING LOCATIONS.
- 8 PROVIDE 6" STUB-UP FROM FLOOR. INTER WIRE TO CONVENIENCE RECEPTACLE LOCATED BELOW THE TABLE. COORDINATE WITH KITCHEN VENDOR FOR EXACT LOCATION OF STUB UPS. REFER TO KITCHEN DRAWINGS KA-3 FOR ADDITIONAL INFORMATION.
- 9 CIRCUIT FOR POS TERMINAL. PROVIDE FLOOR MOUNTED DOG HOUSE POWER RECEPTACLE AND DATA WITH CAT 6 CABLE TO NEAREST IDF/MDF CLOSET. INSTALLATION SHALL MAINTAIN 5.75" MAX HEIGHT ABOVE SLAB TO ALLOW PROPER CLEARANCE OF UNDERSIDE OF SERVER TABLE. PROVIDE A GFI CIRCUIT BREAKER.
- 10 REFER TO DRAWINGS KA SERIES FOR DAISY CHAIN INTERCONNECTION FOR SERVER TABLES.
- 11 PROVIDE FLOOR MOUNTED DOGHOUSE FOR MAIN POWER FOR SERVER TABLE POWER. HEIGHT OF RECEPTACLE TOP INSTALLATION SHALL MAINTAIN 5.75" MAX HEIGHT ABOVE SLAB TO ALLOW PAPER CLEARANCE OF UNDERSIDE OF SERVER TABLE. PROVIDE A GFI CIRCUIT BREAKER.
- 12 CIRCUIT FOR HOT CABINET. REFER TO DETAILS ON KITCHEN DRAWINGS KA SERIES FOR ADDITIONAL INFORMATION.
- 13 NOT USED
- 14 NOT USED
- 15 PROVIDE THE FOLLOWING BRANCH CIRCUIT FOR WALK-IN COOLER PER FOLLOWING
 - 15a CIRCUIT FOR NEW WALK-IN COOLER. VAPOR TIGHT LIGHT FIXTURE SHALL BE FURNISHED WITH FREEZER AND EC SHALL INSTALL AND WIRE. ACCOMMODATE ALL REQUIREMENTS FOR EXPANDING FOAM SEALANT INSIDE CONDUIT AT PANEL PENETRATIONS TO AVOID CONDENSATE ACCUMULATION INSIDE LIGHT FIXTURES. REFER TO DETAILS ON KITCHEN DRAWINGS KA SERIES FOR ADDITIONAL INFORMATION.
 - 15b CIRCUIT FOR NEW WALK-IN COOLER EVAPORATOR COIL. COORDINATE IN FIELD FOR MOUNTING LOCATION. EC SHALL INSTALL 5 WIRE CONTROL WIRING FROM DEFROST TIME CLOCK TO DEFROST HEATER ON COOLER EVAPORATOR COIL.
 - 15c CIRCUIT FOR NEW CONDENSING UNITS FOR WALK-IN COOLER. PROVIDE NEMA 4X DISCONNECT SWITCH COORDINATE IN FIELD FOR EXACT MOUNTING LOCATION.
 - 15d E/C TO CONNECT ELECTRIC HEAT WRAP TAPE ON FREEZER EVAPORATOR COIL DRAIN LINE FURNISHED BY OTHERS.
- 16 PROVIDE RECESSED JUNCTION BOX FOR THE FIRE SUPPRESSION MANUAL STATION FURNISHED BY OTHER. PROVIDE 1/2" CONDUIT TO JUNCTION REFERENCED IN NOTE 1 FOR FIRE SUPPRESSION ANSUL SYSTEM. REFER TO KA-3 DRAWING FOR ADDITIONAL INFORMATION.
- 17 CIRCUIT FOR THE DISHWASHER. PROVIDE 60AMP-3P NEMA 4X DISCONNECT SWITCH ON THE UNIT. REFER TO PANEL SCHEDULE FOR CIRCUIT BREAKER AND WIRING INFORMATION.
- 18 ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTO FAUCET AND AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
- 19 CIRCUIT FOR THE DOCK LIFT. EC TO PROVIDE (1)11°C AND (1)11°C UNDER SLAB TO PIT LOCATION OF THE DOCK LIFT. REFER TO MANUFACTURER SPECIFICATIONS AND COORDINATE ALL WORK WITH ARCHITECT BEFORE START OF ANY WORK.
- 20 FOR HOOD LIGHTS PROVIDE LIGHT SWITCH AS SHOWN MOUNTED 48" AFF. CONNECT AHEAD OF LOCAL LIGHT SWITCH. INTERCONNECT HOOD LIGHT AND SHALL BE CONTROLLED BY THIS SWITCH. REFER TO KA DRAWINGS FOR ADDITIONAL INFORMATION.
- 21 VFD TO SERVE UNIT EF-5 LOCATED ON ROOF. LOCATION OF VFD IS FOR REFERENCE ONLY. COORDINATE EXACT LOCATION BEFORE THE START OF ANY WORK.
- 22 PROVIDE POWER FOR FIRE SHUTTERS AND INTERCONNECT WITH RAISE AND LOWER SWITCH. FIRE SHUTTER SHALL BE INTERCONNECTED WITH FIRE ALARM VIA INTERFACE MODULE AS SHOWN. COORDINATE FINAL LOCATION WITH VENDOR AND CONSTRUCTION MANAGER.
- 23 PROVIDE EPO SWITCH. CONTRACTOR TO TIE EPO TO ALL EQUIPMENT UNDERNEATH EXHAUST HOOD. VIA SHUT TRIP.



NOTE: ALL LOCAL SESSION ARRANGEMENTS ARE PLANNED AND INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES ARCHITECTS PC (BGA) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL OR REGISTERED PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5(b) OF NEW YORK STATE LAW. COPYRIGHT NOTICE, BARILE GALLAGHER & ASSOCIATES ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

KITCHEN POWER PLAN

| | | | |
|--------------|-------------|-----------------|----------|
| Job No. | 2019-1026 | Date | 04/30/21 |
| Scale | AS NOTED | Drawn / Checked | BGA/BGA |
| Sheet Number | E312 | | |

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

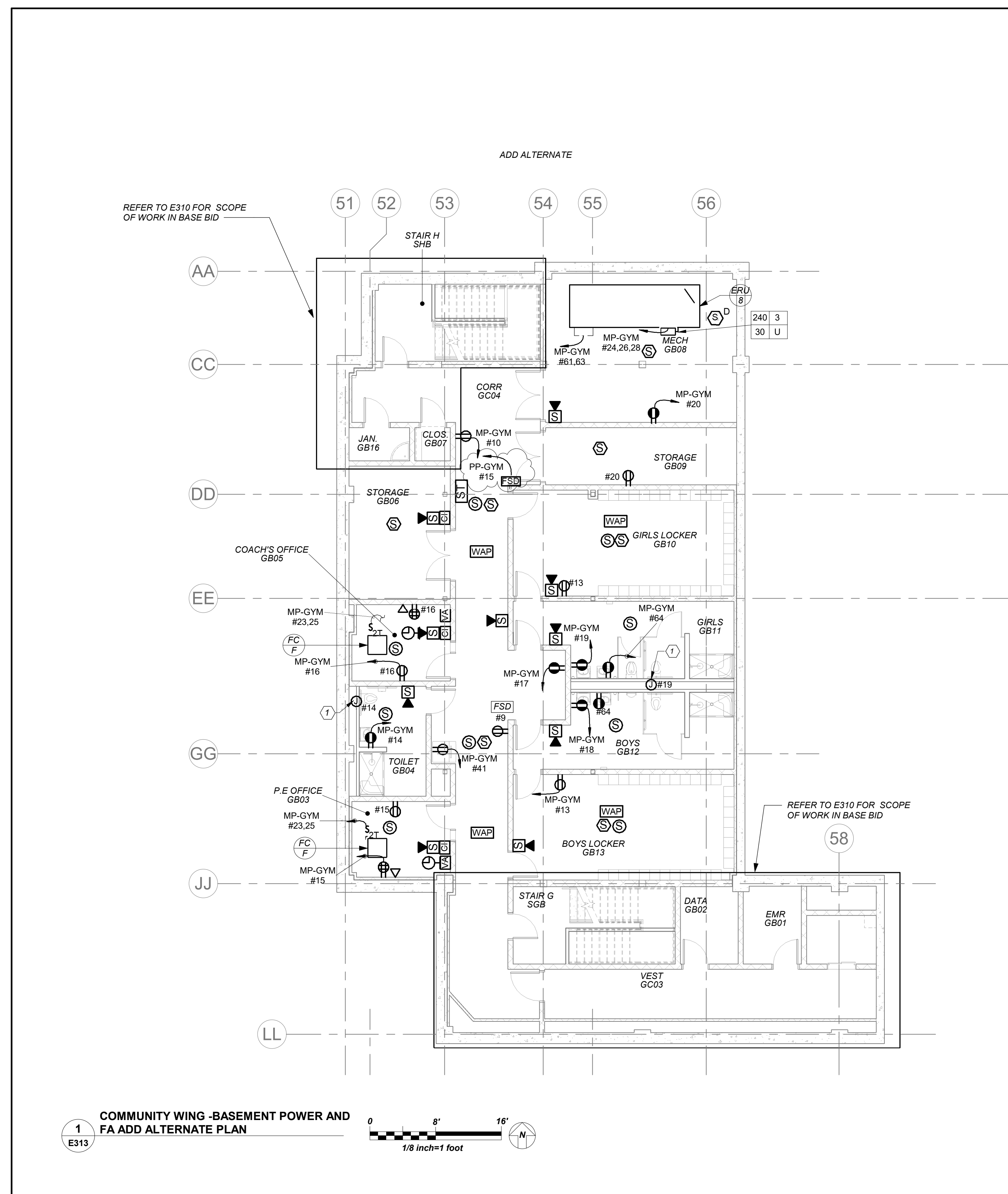
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

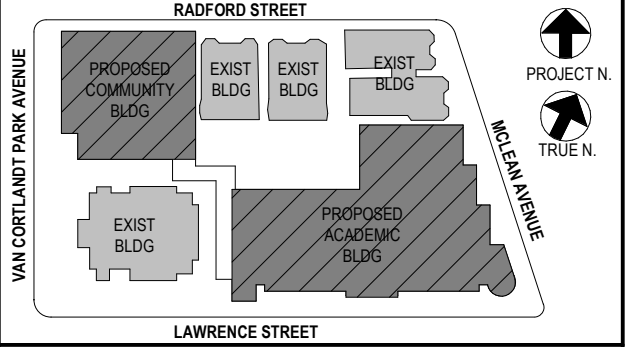


BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



- GENERAL NOTES:**
- REFER TO ELECTRICAL ONE LINE DIAGRAMS ON DRAWING E 500 SERIES, FOR SCOPE OF WORK.
 - REFER TO PANELBOARD SCHEDULE ON DRAWING E 600 SERIES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWING E 700 SERIES FOR DETAILS.
- WORK NOTES:**
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START IF ANYWORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES ARCHITECTS PC. THESE ARE HEREBY GRANTED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF BGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT BARILE GALLAGHER & ASSOCIATES ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
COMM. WING ADD ALTERNATE POWER AND FA PLAN

| | | | |
|---------|-----------|-----------------|------------------|
| Job No. | 2019-1026 | Date | 10/18/21 |
| Scale | AS NOTED | Drawn / Checked | Author / Checker |

Sheet Number
E313

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



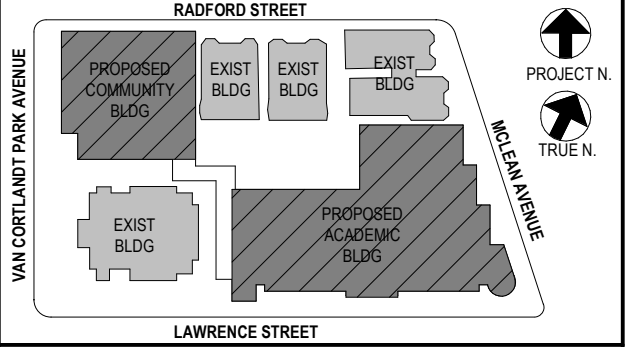
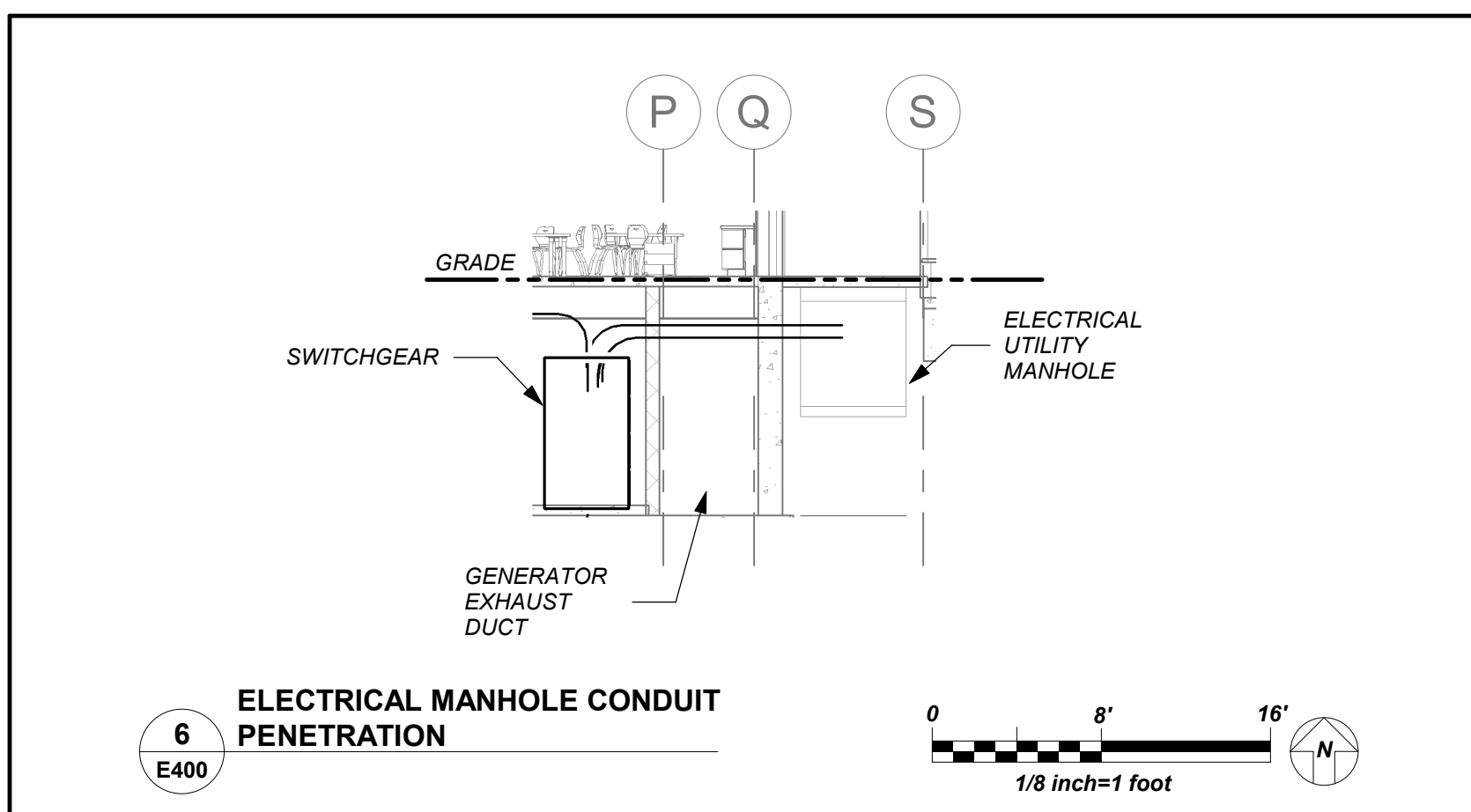
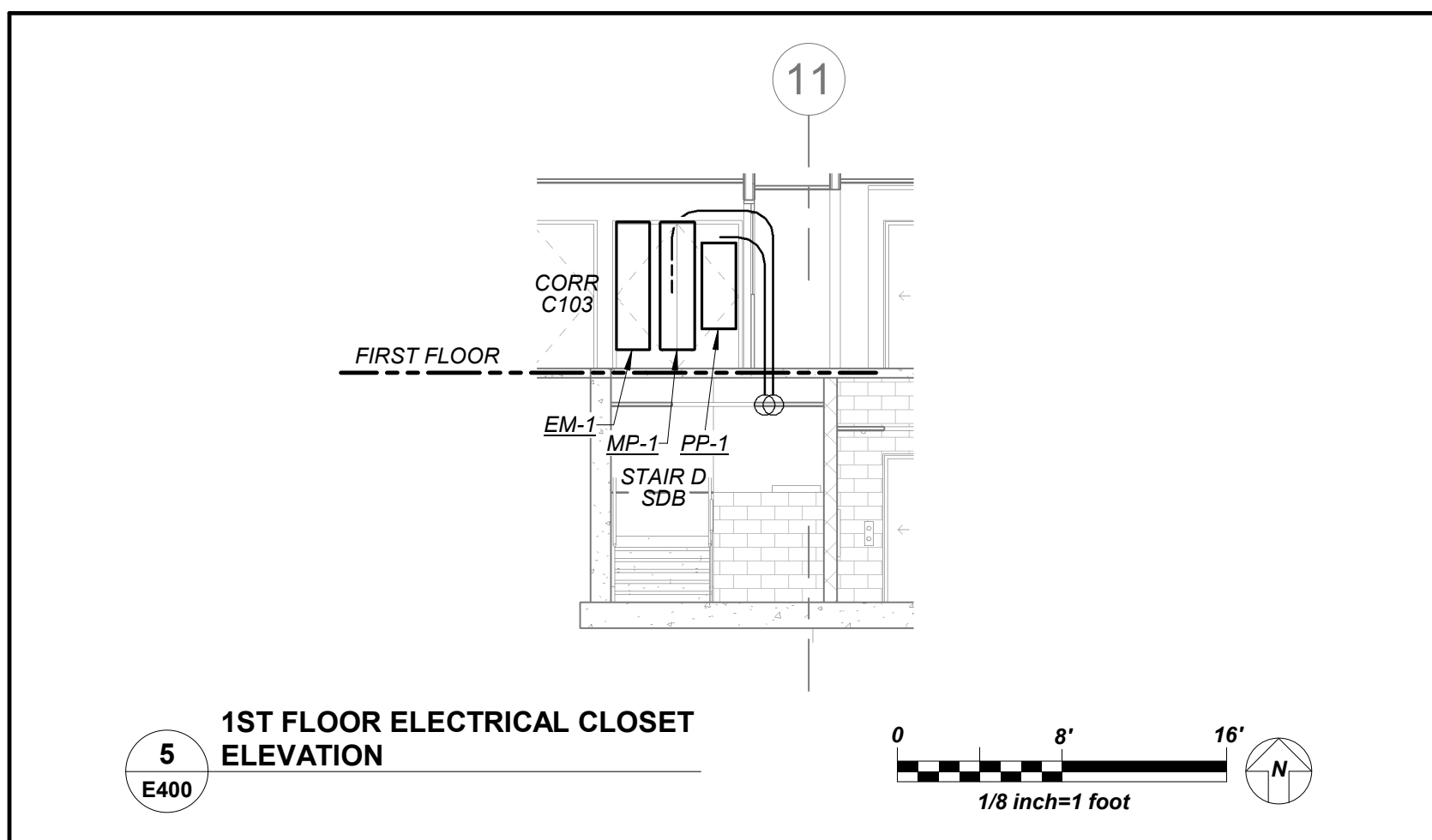
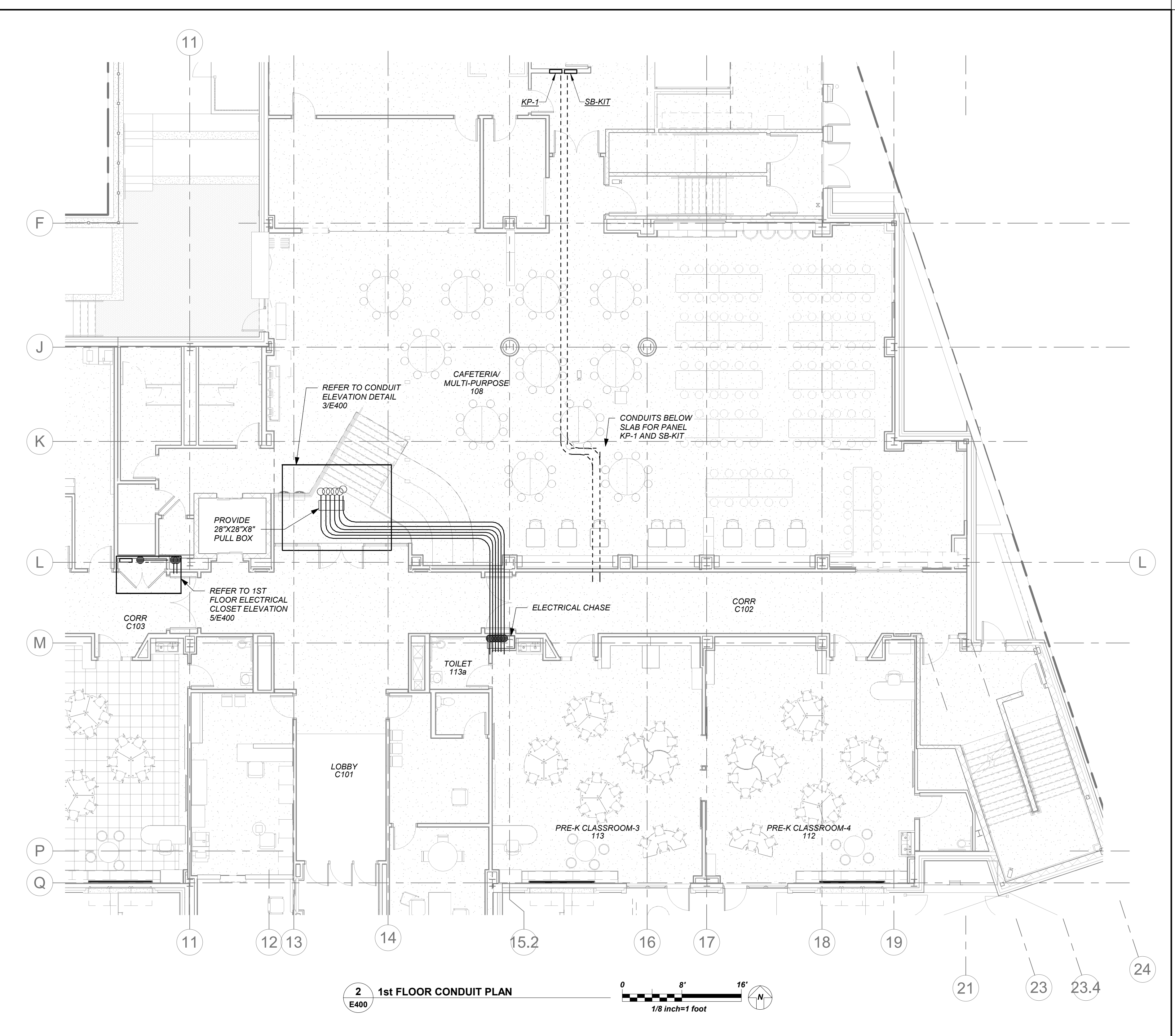
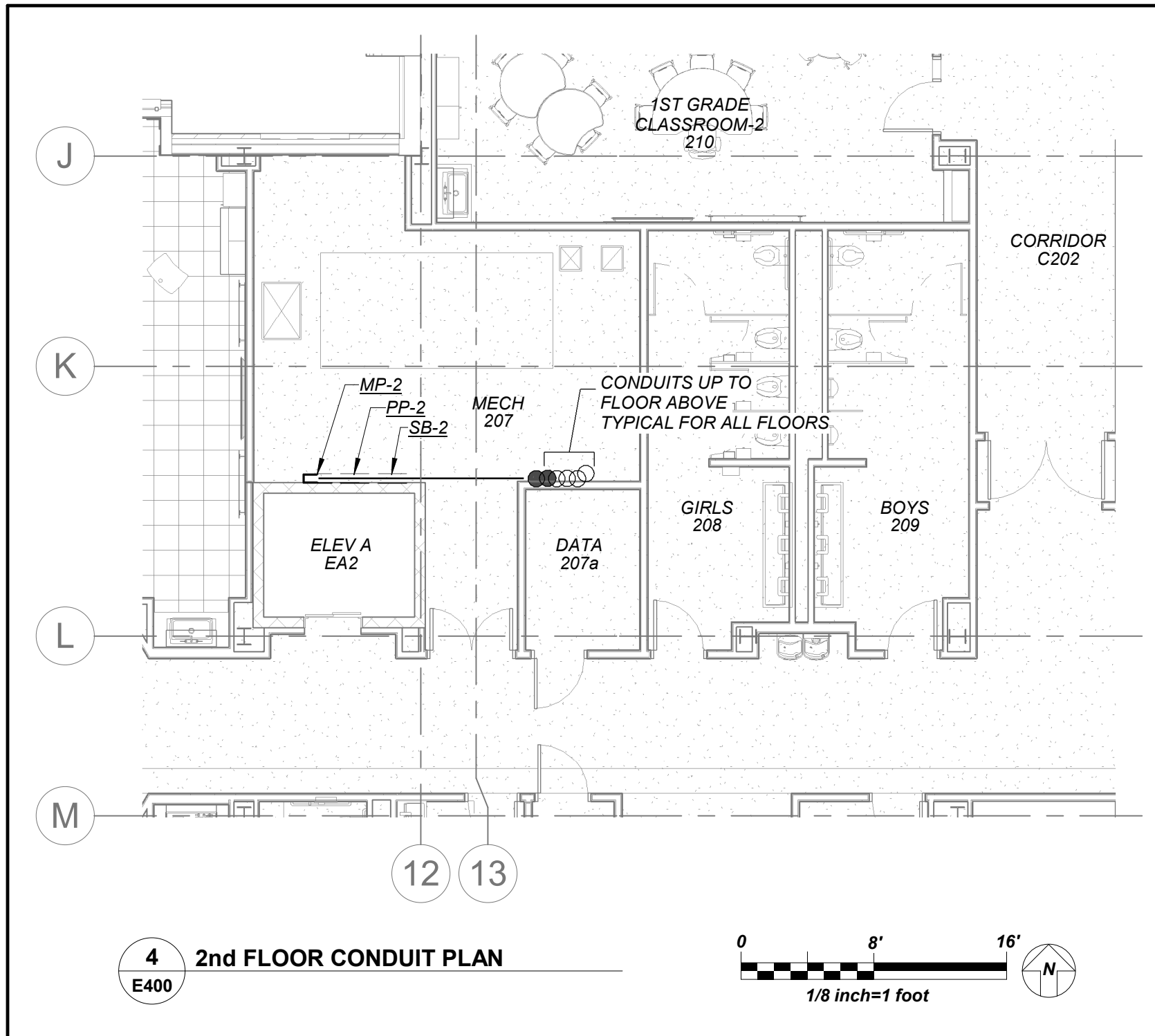
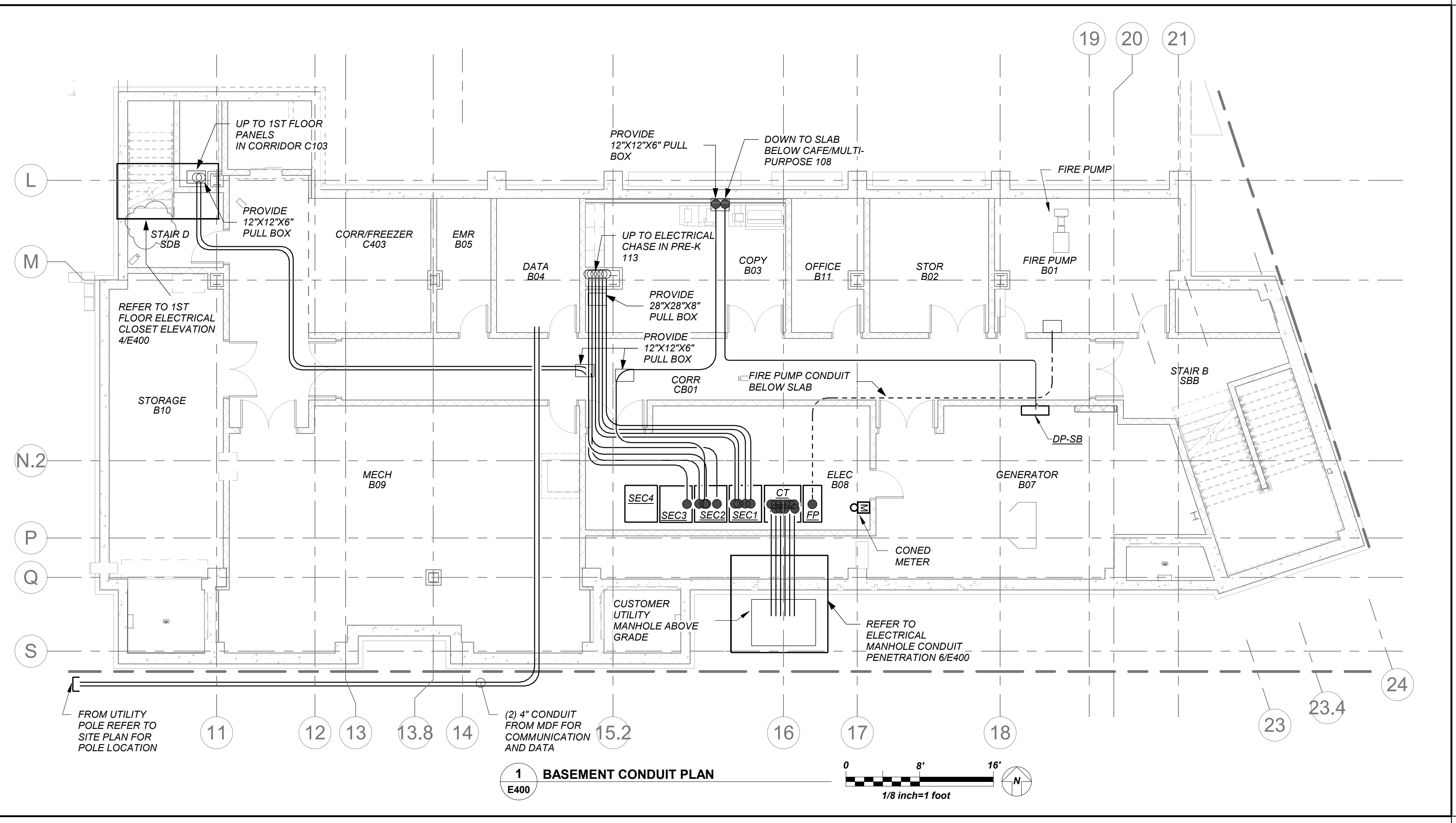
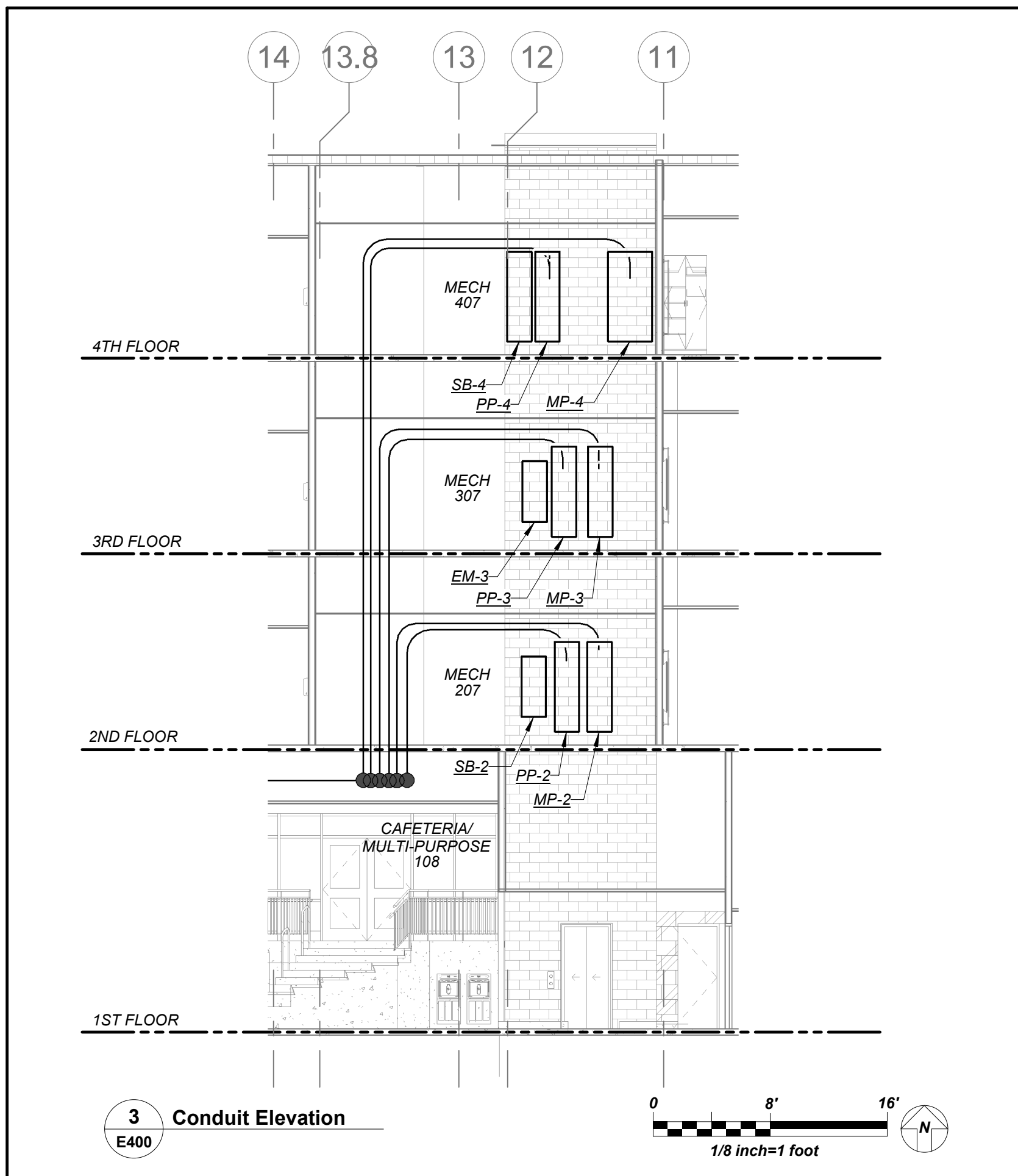
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL, REGIONAL, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC (AG&A) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH LOCAL, REGIONAL, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AG&A.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & ASSOCIATES ARCHITECTS ENGINEERS, PC. ALL RIGHTS RESERVED.

| No. | Date | Issue |
|-----|------------|-------------------------|
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 3 | 11/01/2021 | ISSUED TO BID |
| 4 | 01/13/2022 | CONFORMED SET |

ELECTRICAL CONDUIT PLAN

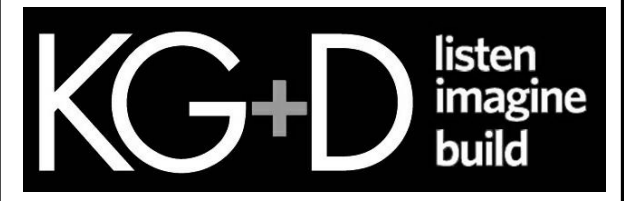
Job No. 2019-1026 Date 10/12/21
Scale AS NOTED Drawn / Checked Author Checker

Sheet Number
E400

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD 121 McLean Avenue Yonkers, NY 10705



KG+D . ARCHITECTS PC 285 MAIN STREET MOUNT KISCO, NEW YORK, 10549 P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO. 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS 99 MARBLE AVE. PLEASANTVILLE, NY 10570 914.326.0099 GENENAL@BGA-ENG.COM WWW.BGA-ENG.COM

FEEDER SCHEDULE:

PROVIDE COMPRESSION LUGS FOR ALL ALUMINUM FEEDER

- 2 SETS OF #250 KCMIL + 1#2G IN 2.5" C - UTILIZE XHHW-2 AL FEEDER
#110 + 1#6G IN 2" C - UTILIZE XHHW-2 AL FEEDER
#250KCMIL+1#4G IN 2.5" C - UTILIZE XHHW-2 AL FEEDER
2 SETS OF #400KCMIL + 1#20G IN 3.5" C - UTILIZE XHHW-2 AL FEEDER
3 SETS OF #400KCMIL + 1#10G IN 3" C - UTILIZE XHHW-2 AL FEEDER
#500 KCMIL+1#3 G RHW IN 4" RGS - UTILIZE CU FEEDER
3#10+1#10 IN 3-4" RGS - UTILIZE CU WIRING
#300KCMIL +1#4G IN 3" C - UTILIZE XHHW-2 AL FEEDER
#440 + 1#4G IN 2.5" C - UTILIZE XHHW-2 AL FEEDER
#30 + 1#6G IN 2" C - UTILIZE XHHW-2 AL FEEDER
2 SETS OF #440KCMIL + 1#2G IN 2-1/2" C - UTILIZE CU WIRING
4 SETS #250KCMIL+1#4G IN 3" C - UTILIZE XHHW-2 AL FEEDER
2 SETS #350KCMIL+1#10G IN 3" C - UTILIZE XHHW-2 AL FEEDER
#84 + 1#6G IN 1 1/4" C - UTILIZE XHHW-2 AL FEEDER
#81 + 1#6G IN 1 1/2" C - UTILIZE XHHW-2 AL FEEDER

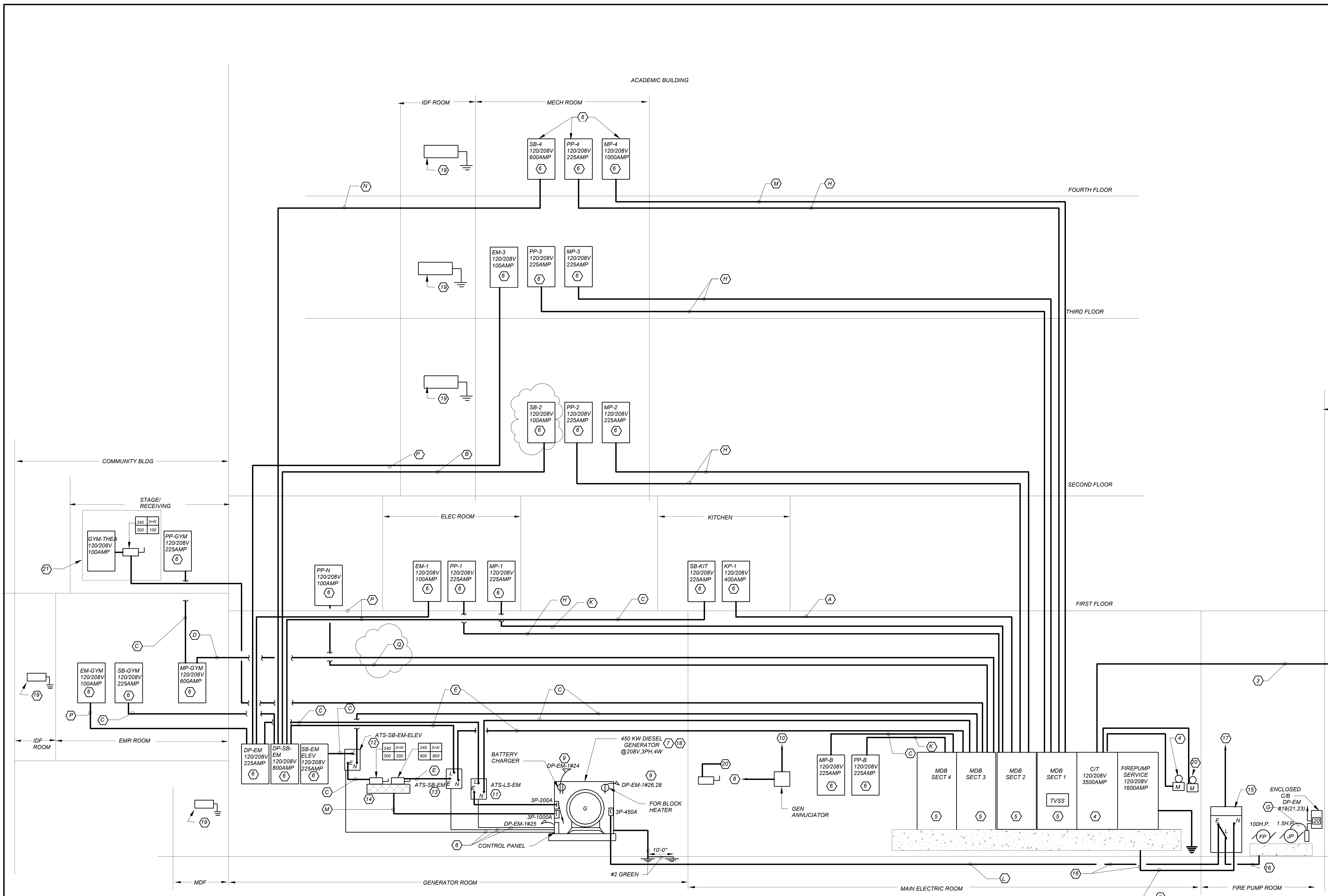


Table with columns: PANEL DESIGNATION, MOUNTING, SUPPLY CHARACTERISTIC, MAIN BUS RATING, USAGE, CKT NO., FUSED SWITCH, EQUIPMENT, WIRE, COND., LOAD. Includes a detailed list of electrical risers and their specifications.

WORK NOTES:

- 1. CONED SHALL PROVIDE NEW UTILITY POLE AND RISER FROM POLE TO MANHOLE. EC TO PROVIDE 2 SETS OF 4" RIGID GALVANIZED STEEL RIGID CONDUIT FROM 10'0" AFF ON POLE TO 5'-0" AWAY FROM POLE...
2. ELECTRICAL CONTRACTOR TO PROVIDE PROPERTY LINE MANHOLE DBR PER CON ED REQUIREMENT...
3. PROVIDE TEN (10) SETS OF #400KCMIL IN TYPE XHHW COPPER IN 4" RGS CONDUIT AND ONE (1) SPARE 4" CONDUIT FROM MANHOLE TO THE NEW MAIN DISTRIBUTION BOARD IN THE BUILDING...
4. PROVIDE NEW 120/208V, 3500 AMP, 3PHASE, WIRE RATED CT CABINET AND UTILITY METER PER CON ED REQUIREMENT...
5. PROVIDE NEW CUSTOM MADE 120/208V, 3500 AMP, 3PHASE, WIRE DISTRIBUTION BOARD FOR 100,000 AIC, WITH TVSS CONTACT ANDREW VROTSOS FROM LAKE SHORE ELECTRIC COOPERATION...
6. PROVIDE NEW 120/208V PANELBOARD. REFER TO PANEL SCHEDULE FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT ON DRAWING E-601...
7. PROVIDE NEW 450 KW INTERIOR DIESEL GENERATOR AT 208V, 3 PHASE, 4 WIRE. SIMILAR TO CUMMINS MODEL DFEJ...
8. PROVIDE TWO PAIR OF #12 FOR DC POWER AND TWO PAIRS OF BELDEN 9729 FULLY ISOLATED TWISTED PAIR CABLE WITH SHIELD FOR COMMUNICATION...
9. NEW BRANCH CIRCUIT DP-EM #24, #25 AND #26(2B) SHALL RUN IN NEW 1" SCHEDULE 40 CONDUIT IN GROUND...
10. PROVIDE NEW GENERATOR REMOTE ANNUNCIATOR AS INDICATED. COORDINATE WITH OWNER FOR THE EXACT MOUNTING LOCATION BEFORE THE START OF ANY WORK...
11. PROVIDE LIFE SAFETY EMERGENCY AUTOMATIC TRANSFER SWITCH (ATS-LS-EM) RATED 120/208V, 3-PHASE, 4 WIRE, 60 HZ, SOLID NEUTRAL, 225 AMPS...
12. PROVIDE ELEVATOR AUTOMATIC TRANSFER SWITCH (ATS-SB-EM-ELEV) RATED 120/208V, 3-PHASE, 4 WIRE, 60 HZ, SOLID NEUTRAL, 225 AMPS...
13. PROVIDE STANDBY AUTOMATIC TRANSFER SWITCH (ATS-SB-EM) RATED 120/208V, 3-PHASE, 4 WIRE, 60 HZ, SOLID NEUTRAL, 800 AMPS...

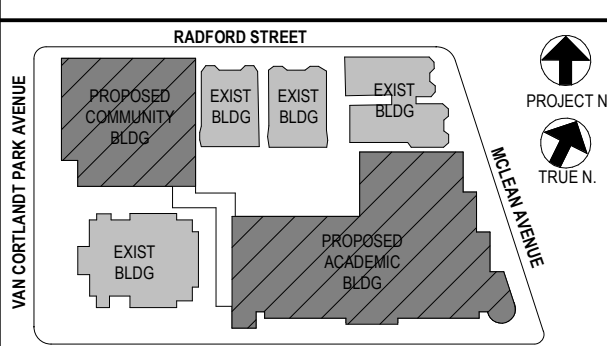
- 14. PROVIDE COPPER/ALUMINUM BUS DETAILS FOR CONNECTION FOR ALUMINUM FEEDERS. PROVIDE COMPRESSION LUGS.
15. FIRE PUMP ATS CONTROLLER PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
16. ALL FIRE PUMP FEEDERS SHALL BE BURIED IN SLABS, ENCASED IN MINIMUM 2" CONCRETE ENCASEMENT.
17. CONTRACTOR TO PROVIDE A SET OF DRY CONTACT AND CONTROL WIRING FROM FIRE PUMP CONTROL PANEL TO SEND OUT SIGNAL TO STANDBY ATS (ATS-SB-EM) UPON PUMP ACTIVATION.
18. GENERATOR MANUFACTURER SHALL PROVIDE PROGRAMMING OF ALL AUTOMATIC TRANSFER SWITCHES (ATS), PROGRAM FIRE PUMP (FP) ATS AND STANDBY ATS (ATS-SB-EM) SHALL NEVER BE ON AT THE SAME TIME IN THE EVENT OF FIRE, FIRE PUMP (FP) ATS, ELEVATOR (SB-EM-ELEV) ATS AND EMERGENCY (ATS-LS-EM) ATS SHALL BE ON AND OPERATIONAL PER CODE. IN THE NON-FIRE EVENT, SUCH AS POWER OUTAGE, STANDBY (ATS-SB-EM) SHALL BE ON AND OPERATIONAL WHEN FIRE PUMP (FP) ATS IS NOT ENERGIZED. PROVIDE ALL NECESSARY PROVISIONS AND REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION AND PROGRAMMING. ONCE FIRE PUMP IS RUNNING AND SENDS SIGNAL TO ATS-SB-EM, STANDBY (ATS-SB-EM) SHALL RECEIVE SIGNAL TO LOAD, SHED RELAY AND DROP.
19. REFER TO GROUNDING DETAIL SHOWN ON DRAWING E702 (DETAIL 1)

SPECIAL NOTE: ALL PANELBOARDS, DISTRIBUTION PANEL AND BOARD INCLUDING ATSS AND GENERATOR CONNECTIONS FOR ALL FEEDERS SHALL UTILIZE COPPER/ALUMINUM RATED LUGS AND BREAKERS. UTILIZE COMPRESSION TYPE LUGS FOR ALL ALUMINUM FEEDERS.

POWER RISER DIAGRAM 1 E502 NTS

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

PROVIDE FRAME AND TERMINAL SIZE THAT CAN SUPPORT OVERSIZED FEEDERS AS INDICATED ON RISER DIAGRAM DUE TO VOLTAGE DROP. *REFER TO PHOTOVOLTAIC DRAWING FOR ADDITIONAL INFORMATION



NOTE: ALL LOCAL SESSIONS, MEETINGS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF BARILE GALLAGHER & ASSOCIATES...
WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS...
ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT...
Professional Seal

Table with columns: No., Date, Issue. Contains revision history for the drawing.

Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/ BGA

ELECTRICAL RISERS E501

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS



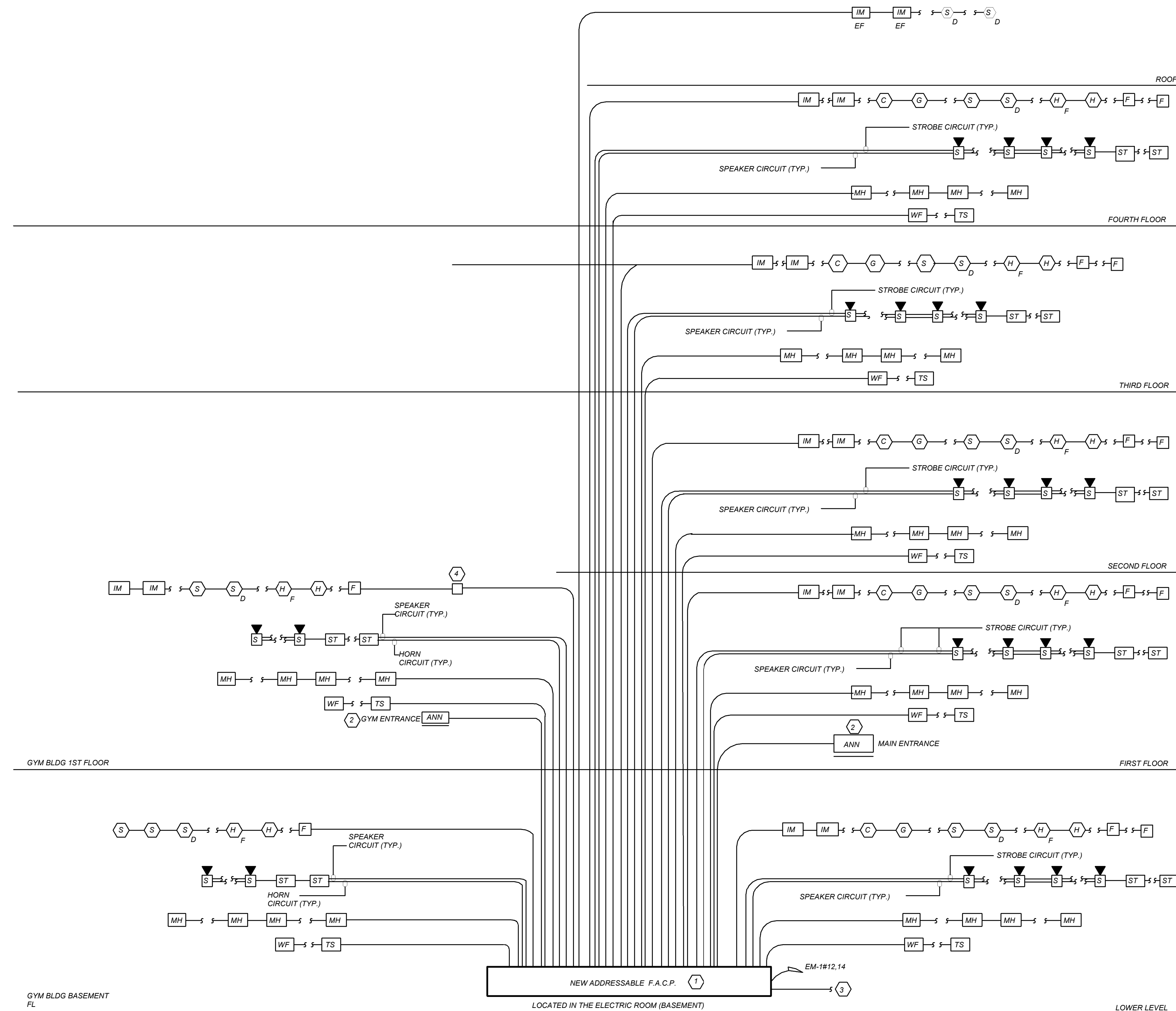
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

FIRE ALARM RISER GENERAL NOTES:

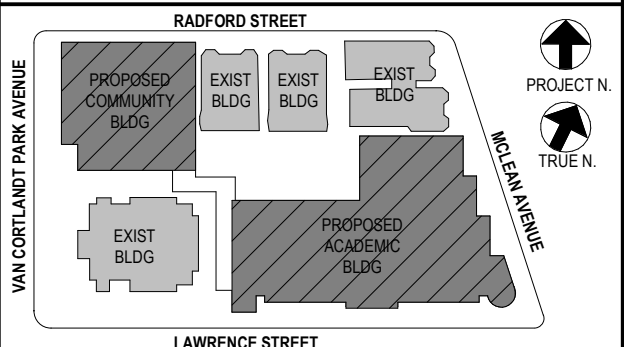
- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION FROM MANUFACTURER.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- UNLESS DIRECTED OTHERWISE BY FIRE ALARM SYSTEM MANUFACTURER FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):
 - SPEAKER WIRING - #16 AWG TWISTED
 - STROBE WIRING - #14 AWG TWISTED
 - SIGNAL WIRING - #14 AWG TWISTED/SHIELDED
- THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:
 - A. A MINIMUM TEMPERATURE RATING OF 150 C
 - B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
 - C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
 - D. THE COLOR OF THE CABLE SHALL BE RED
 - E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED. SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.
 - F. THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL.
- PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
- STROBES SHALL HAVE A MINIMUM LIGHT OUTPUT OF 75 CANDELA AND A FLASH RATE OF 1-3 HZ.
- PER NFPA72-18.4.3.1 TO MEET PUBLIC MODE AUDIBLE REQUIREMENTS, ALL SPEAKERS SHALL HAVE A SOUND LEVEL AT LEAST 15 dB ABOVE THE AVERAGE AMBIENT SOUND LEVEL.
- PER NFPA72-18.4.3.1 TO MEET PUBLIC MODE AUDIBLE REQUIREMENTS, ALL SPEAKERS SHALL HAVE A SOUND LEVEL AT LEAST 15 dB ABOVE THE AVERAGE AMBIENT SOUND LEVEL.
- WALL MOUNTED SPEAKER STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPURTENANCES WITHIN 5 FEET OF THE DEVICE. THE ENTIRE LENS OF THE UNIT SHALL NOT BE LESS THAN 80", AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR, WHILE MAINTAINING 6" BELOW THE CEILING. DEVICES SHALL BE FLUSH MOUNTED IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEPTH BOX IN WALL.
- SHUTDOWN OF HVAC SYSTEM EQUIPMENT (NOT LIMITED TO, ROOF TOP, EXHAUST FANS, ETC.) OF 1000 CFM OR GREATER SHALL BE PERFORMED VIA A RELAY INTERFACE SYSTEM. SEND SIGNAL TO BUILDING AUTOMATED TEMPERATURE CONTROL (ATC) SYSTEM INDICATING SHUTDOWN HAS OCCURRED. EQUIPMENT RESTART SHALL BE BY BUILDING ATC SYSTEM UPON FIRE ALARM RESET TO NORMAL MODE. RESTART OF EQUIPMENT SHALL BE SEQUENTIAL.
- AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- ALL PULL STATIONS SHALL BE PROVIDED WITH CLEAR PROTECTIVE LEXAN COVER. COVER SHALL BE AS MANUFACTURED BY SAFETY TECHNOLOGY INTERNATIONAL INC. CAT. #STI 1100 STOPPER II.
- COORDINATE F.A WORK WITH F.A VENDOR.
- VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
- ALL DEVICES SHALL BE SUPERVISED AS PER N.F.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- FIRE SMOKE DAMPERS SHALL BE TIED INTO FIRE ALARM SYSTEM TO SHUT DOWN UPON SMOKE DETECTION ACTIVATION. PROVIDE ALL WIRING, RELAYS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
- PROVIDE WIRE GUARDS FOR ALL FIRE ALARM DEVICES LOCATED IN GYM'S, BOILER ROOMS, LOCKER ROOMS AND MECHANICAL EQUIPMENT ROOMS.
- CARBON MONOXIDE AND GAS LEAK DETECTOR SHALL RING LOCAL TROUBLE BELL AT FIRE ALARM CONTROL PANEL FOR SUPERVISORY CONDITION ONLY.
- THE CARBON MONOXIDE DETECTOR SHALL HAVE AN SOUNDER BASE AND INITIATE A SUPERVISORY SIGNAL WHEN 70 PARTS PER MILLION (ppm) ARE REACHED WITHIN 60 TO 240 MINUTES OR 150ppm ARE REACHED WITHIN 10 TO 50 MINUTES, OR 400ppm ARE REACHED WITHIN 4 TO 15 MINUTES AS REQUIRED BY UL 2034.
- THE GAS DETECTOR SHALL MONITOR PROPANE (LP), AND NATURAL (METHANE) TYPE HEATING GASES. THE GAS DETECTOR SHALL INITIATE A SUPERVISORY SIGNAL WHEN 25% LOWER EXPLOSIVE LIMIT (LEL) IS REACHED AS REQUIRED BY UL 1484.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.

FIRE ALARM RISER WORK NOTES:

- NEW FIRE ALARM CONTROL PANEL (F.A.C.P.) SHALL BE LOCATED IN THE MAIN ELECTRICAL ROOM.
- PROVIDE NEW BUILDING LAYOUT WALL PLAQUE INDICATING ALL THE FIRE ALARM DEVICE LOCATIONS WITH DEVICE ADDRESSES. WALL PLAQUE SHALL BE INSTALLED ABOVE ANNUNCIATOR AT MAIN ENTRANCE AND AT GYM ENTRANCE COORDINATE WITH BUILDING OWNER AND ARCHITECT FOR ALL ROOM NAMES AND ROOM NUMBERS BEFORE PROGRAMMING FIRE ALARM CONTROL PANEL.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (2) DEDICATED TELEPHONE LINES TO FIRE ALARM CONTROL PANEL FROM MAIN TELEPHONE CLOSET AS REQUIRED.
- PROVIDE AND WIRE SIGA-CR RELAY TO SHUTDOWN STAND ALONE SOUND SYSTEM AMPLIFIER IN THE INDICATED ROOMS WHEN FIRE ALARM IS INITIATED.



FIRE ALARM RISER DIAGRAM 1 N.T.S.
E-502



NOTE: ALL LOCAL ZONING, ORDINANCES, REGULATIONS AND INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANEX GARBENT & SHANNON ARCHITECTS PC HEREIN, AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANEX GARBENT & SHANNON ARCHITECTS PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT © 2022 ANEX GARBENT & SHANNON ARCHITECTS PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. Date Issue

Sheet Title

FIRE ALARM RISER

Job No. 2019-1026 Date 8/31/20

Scale AS NOTED Drawn / Checked BGA/BGA

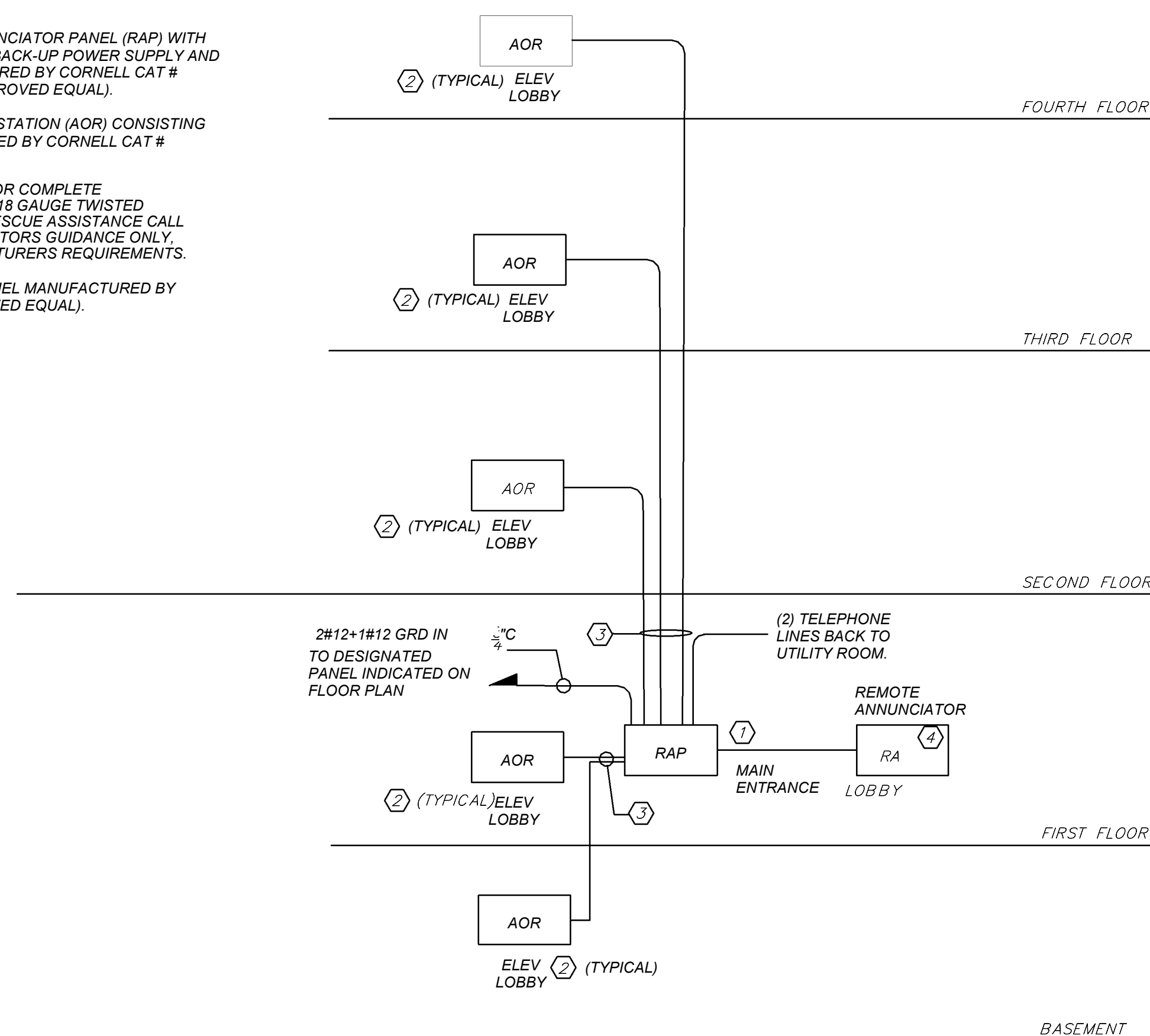
Sheet Number

E502

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

RESCUE ASSISTANCE SYSTEM RISER NOTES

1. PROVIDE RESCUE ASSISTANCE ANNUNCIATOR PANEL (RAP) WITH ASSOCIATED EMERGENCY BATTERY BACK-UP POWER SUPPLY AND TELEPHONE ACCESS KIT MANUFACTURED BY CORNELL CAT # A-4204 & B-5243A & TAK-4200, (OR APPROVED EQUAL).
2. PROVIDE RESCUE ASSISTANCE CALL STATION (AOR) CONSISTING OF DOUBLE GANGBOX, MANUFACTURED BY CORNELL CAT # 4201B (OR APPROVED EQUAL).
3. PROVIDE ALL WIRING AS REQUIRED FOR COMPLETE INSTALLATION. PROVIDE 2#12-1 PAIR 18 GAUGE TWISTED SHIELDED PAIR TO CONNECT EACH RESCUE ASSISTANCE CALL STATION. WIRE SIZE IS FOR CONTRACTORS GUIDANCE ONLY. EXACT WIRE SIZE TO BE AS MANUFACTURERS REQUIREMENTS.
4. PROVIDE REMOTE ANNUNCIATOR PANEL MANUFACTURED BY CORNELL CAT # A4010TG (OR APPROVED EQUAL).



RESCUE ASSISTANCE SYSTEM RISER DIAGRAM 2 N.T.S. E503

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

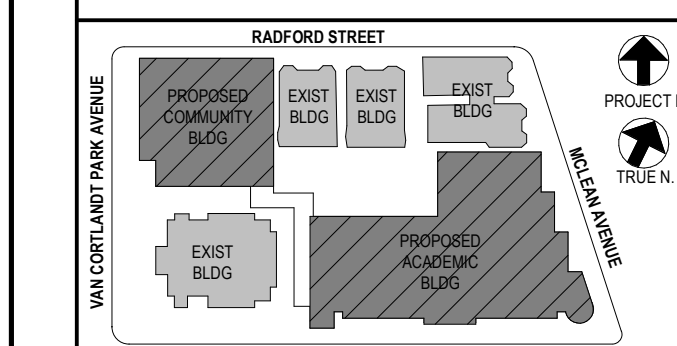
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P-914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bgga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGGA-ENG.COM WWW.BGGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & SHAWSON ARCHITECTS PC (AGS) AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGS.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLABLED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL ENGINEER, IS A VIOLATION OF TITLE 16, SECTION 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & SHAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title

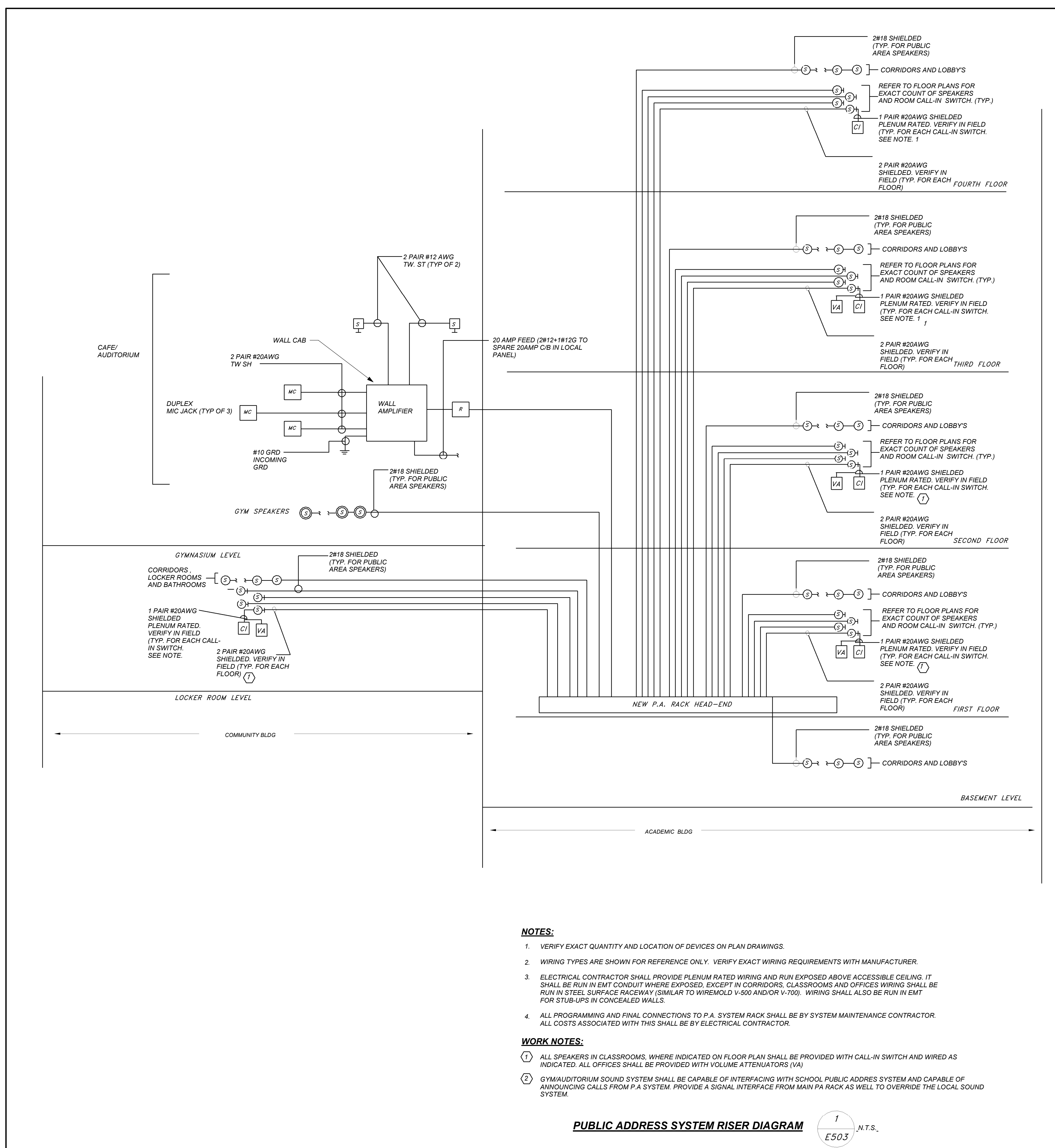
PUBLIC ADDRESS & RESCUE ASSISTANCE RISER

Job No. 2019-1026 Date 07/12/21

Scale AS NOTED Drawn / Checked Author / Checker

Sheet Number

E503



NOTES:

1. VERIFY EXACT QUANTITY AND LOCATION OF DEVICES ON PLAN DRAWINGS.
2. WIRING TYPES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE PLENUM RATED WIRING AND RUN EXPOSED ABOVE ACCESSIBLE CEILING. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED. EXCEPT IN CORRIDORS, CLASSROOMS AND OFFICES WIRING SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-500 AND/OR V-700). WIRING SHALL ALSO BE RUN IN EMT FOR STUB-UPS IN CONCEALED WALLS.
4. ALL PROGRAMMING AND FINAL CONNECTIONS TO P.A. SYSTEM RACK SHALL BE BY SYSTEM MAINTENANCE CONTRACTOR. ALL COSTS ASSOCIATED WITH THIS SHALL BE BY ELECTRICAL CONTRACTOR.

WORK NOTES:

1. ALL SPEAKERS IN CLASSROOMS, WHERE INDICATED ON FLOOR PLAN SHALL BE PROVIDED WITH CALL-IN SWITCH AND WIRED AS INDICATED. ALL OFFICES SHALL BE PROVIDED WITH VOLUME ATTENUATORS (VA).
2. GYM/AUDITORIUM SOUND SYSTEM SHALL BE CAPABLE OF INTERFACING WITH SCHOOL PUBLIC ADDRESS SYSTEM AND CAPABLE OF ANNOUNCING CALLS FROM P.A. SYSTEM. PROVIDE A SIGNAL INTERFACE FROM MAIN PA RACK AS WELL TO OVERRIDE THE LOCAL SOUND SYSTEM.

PUBLIC ADDRESS SYSTEM RISER DIAGRAM 1 N.T.S. E503

| LIGHTING FIXTURE SCHEDULE CONT. | | | | |
|---------------------------------|------------------------|--------------|--|---|
| TYPE | MOUNTING | LAMPS | DESCRIPTION | MANUFACTURER & CAT.# |
| M | PENDENT MOUNTED | 132W LED UNV | INDUSTRIAL HIGH BAY, PENDENT MOUNTED LED TYPE FIXTURE, 15000 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, MATTE WHITE FINISH WITH WIREGUARDS, CLEAR ACRYLIC REFLECTOR, 5 AIRCRAFT CABLE WITH STRAIGHT CORD, WITH WIRE GUARD | MANUFACTURER: DAYBRITE CFI MODEL# RBX-15L-830-UNV-WT-ARR225-HCH6-34-SC-WGA-22 |
| M EM | PENDENT MOUNTED | 132W LED UNV | SAME AS FIXTURE "M" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE CFI MODEL# RBX-15L-830-UNV-WT-ARR225-HCH6-34-SC-WGA-22 |
| N | PENDENT MOUNTED | 32W LED UNV | 4" LINEAR, DECORATIVE LED TYPE FIXTURE, SYMMETRIC DISTRIBUTION, 80 CRI, 3000K COLOR TEMPERATURE, UNIVERSAL VOLTAGE, 0-10V DIMMING, FIXTURE SHALL BE FACTORY TUNED TO 3400 LUMENS, 4 FEET | MANUFACTURER: LEDALITE BY SIGNIFY MODEL# 12-O-1-L-C-E-Q-S-04-7-D-E-T-A2-24 |
| N EM | PENDENT MOUNTED | 32W LED UNV | SAME AS FIXTURE "N" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL# 12-O-1-L-C-E-Q-S-04-7-D-E-T-A2-24 |
| P | SURFACE WALL MOUNTED | 30 W LED UNV | 24" LONG LED FIXTURE, MATTE WHITE ACRYLIC DIFFUSER MATTE, SILVER METALIC FINISH, 3000K COLOR TEMPERATURE, 2050 LUMENS, 80 CRI, 0-10V DIMMING | MANUFACTURER: OCL MODEL #H01-S1SA-24-MW-SMP-LED1/30K-UNV-DM1 |
| P EM | SURFACE WALL MOUNTED | 30 W LED UNV | SAME AS FIXTURE "P" BUT WIRED TO GENERATOR | MANUFACTURER: OCL MODEL #H01-S1SA-24-MW-SMP-LED1/30K-UNV-DM1 |
| P-2 | SURFACE WALL MOUNTED | 28 W LED UNV | 1X4" LED TYPE UTILITY FIXTURE, WITH LINEAR PRISMATIC ACRYLIC LENS. | MANUFACTURER: DAYBRITE MODEL #LS-2-R-2-28-UNV |
| P-2 EM | SURFACE WALL MOUNTED | 28 W LED UNV | SAME AS FIXTURE "P2" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE MODEL #LS-2-R-2-28-UNV |
| R | PENDENT MOUNTED | 20W LED 120 | PENDENT MOUNTED LED TYPE LIGHT, 12"H x 12" DIAMETER, 3000K COLOR TEMPERATURE, 2300 LUMENS, 80 CRI, 0-10V DIMMING, OPALE WHITE GLASS DIFFUSER LENS, STANDARD PAINTED FINISH. | MANUFACTURER: MANNING LIGHTING MODEL #DP-46-12PT/DP-46-12/30-DG-120-WHG |
| R EM | PENDENT MOUNTED | 20W LED 120 | SAME AS FIXTURE "R" BUT WIRED TO GENERATOR | MANUFACTURER: MANNING LIGHTING MODEL #DP-46-12PT/DP-46-12/30-DG-120-WHG |
| AA2 | RECESSED MOUNTED | 40W LED UNV | 2" WIDE LED TYPE RECESSED FIXTURE, 4800 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, DIFFUSED SMOOTH LENS, 0-10V DIMMING, SUITABLE FOR GRID CEILING. | MANUFACTURER: DAYBRITE BY SIGNIFY MODEL# 2-FFX-G-48L-830-4-DS-UNV-DIM |
| AA2 EM | RECESSED MOUNTED | 40W LED UNV | SAME AS FIXTURE "AA" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE BY SIGNIFY MODEL# 2-FFX-G-48L-830-4-DS-UNV-DIM |
| S | SURFACE WALL MOUNTED | 37W LED UNV | LED TYPE EXTERIOR WALL SCONCE, NEUTRAL WHITE LED COLOR, 700mA DRIVE CURRENT, 4000K COLOR TEMPERATURE, 70 CRI, 0-10V DIMMING, DARK GRAY FINISH, WITH INTEGRAL PHOTOCELLS | MANUFACTURER: GARDCO BY SIGNIFY MODEL # 101L-16L-700-WW-G1-2-UNV-DD-PCB-F1-DGY |
| S EM | SURFACE WALL MOUNTED | 37W LED UNV | SAME AS FIXTURE "S" BUT WIRED TO GENERATOR | MANUFACTURER: GARDCO BY SIGNIFY MODEL # 101L-16L-700-WW-G1-2-UNV-DD-PCB-F1-DGY |
| SS1 | SURFACE WALL MOUNTED | 45W LED UNV | 4 FT STRIP LED STRIP LIGHTING, SURFACE MOUNTED, 5400 HIGH LUMEN OUTPUT, 3500K COLOR TEMPERATURE, LIGHT FIXTURE SHALL BE WIRED TO GENERATOR, (FOR ELEVATOR SHAFT) | MANUFACTURER: COLUMBIA LIGHTING MODEL # CSL4-LSCS |
| W-1 | SURFACE WALL MOUNTED | 24W LED UNV | LED TYPE EXTERIOR WALL SCONCE, INTEGRATED DRIVER, DOWN DIRECTION LIGHTING, 1300 LUMENS, 98 CRI, 3000K COLOR TEMPERATURE, 20 DEGREE REFLECTOR, WALL WASH, CHARCOAL GRAY SHELL COLOR, 0-10V DIMMING | MANUFACTURER: ALW MODEL # K4RL-N-V-D-13-98-30-20-WW-CG |
| W-1 EM | SURFACE WALL MOUNTED | 24W LED UNV | SAME AS FIXTURE "W1" BUT WIRED TO GENERATOR | MANUFACTURER: ALW MODEL # K4RL-N-V-D-13-98-30-20-WW-CG |
| W-2 | SURFACE WALL MOUNTED | 24W LED UNV | LED TYPE EXTERIOR WALL SCONCE, INTEGRATED DRIVER, DOWN DIRECTION LIGHTING, 1300 LUMENS, 98 CRI, 3000K COLOR TEMPERATURE, 20 DEGREE REFLECTOR, WALL WASH, CHARCOAL GRAY SHELL COLOR. | MANUFACTURER: ALW MODEL # K3RS-N-V-D-13-98-30-20-WW-CG |
| W-2 EM | SURFACE WALL MOUNTED | 24W LED UNV | SAME AS FIXTURE "W2" BUT WIRED TO GENERATOR | MANUFACTURER: ALW MODEL # K3RS-N-V-D-13-98-30-20-WW-CG |
| Z | RECESSED FLOOR MOUNTED | 36W LED 120V | EXTERIOR STEP LED TYPE LIGHT, 3-1/2" x 9" ALUMINUM HOUSING ZINC FINISH. | MANUFACTURER: DIODE LED MODEL #CB100-A-KS812 |
| ZZ | EXTERIOR POLE MOUNTED | 38W LED UNV | EXTERIOR POLE MOUNTED LED TYPE FIXTURE, FORWARD OPTICS, 3000K COLOR TEMPERATURE, TYPE 3 MEDIUM DISTRIBUTION, UNIVERSAL VOLTAGE, SQUARE POLE MOUNTING, 0-10V DIMMING, HOUSE SIDED SHIELD, BLACK FINISH, INTEGRAL PHOTOCELL. | MANUFACTURER: LITHONIA MODEL # DSXO LED-PPL-30K-T3M-MVOLT-SPA-DMG-HS-DBLXD-DLL127F1.5J1 |
| ZZ-1 | EXTERIOR POLE MOUNTED | 38W LED UNV | EXTERIOR POLE MOUNTED LED TYPE FIXTURE, FORWARD OPTICS, 3000K COLOR TEMPERATURE, TYPE 3 MEDIUM DISTRIBUTION, UNIVERSAL VOLTAGE, SQUARE POLE MOUNTING, 0-10V DIMMING, HOUSE SIDED SHIELD, BLACK FINISH, INTEGRAL PHOTOCELL. | MANUFACTURER: LITHONIA MODEL # DSXO LED-PPL-30K-T4M-MVOLT-SPA-DMG-HS-DBLXD-DLL127F1.5J1 |
| EXIT LIGHT | SURFACE WALL MOUNTED | 5W LED 120V | LED TYPE EXIT LIGHT, STEEL HOUSING, NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED ON PLANS, SELF POWERED MODEL WITH 90 MINUTE EMERGENCY BATTERY PACK. | MANUFACTURER: COOPER LIGHTING ATLITE MODEL # XLN1-6-S-R-1/2U |

| LIGHTING FIXTURE SCHEDULE CONT. | | | | |
|---------------------------------|----------------------|---------------|---|--|
| TYPE | MOUNTING | LAMPS | DESCRIPTION | MANUFACTURER & CAT.# |
| C-1 | PENDENT MOUNTED | 164 W LED UNV | DECORATIVE LED TYPE PENDENT FIXTURE, 30" RADIUS, DIRECT LIGHTING, LOW OUTPUT, 3000K COLOR TEMPERATURE, 80 CRI, INDIRECT LIGHTING, LOW OUTPUT, 3000K COLOR TEMPERATURE, 80 CRI, 0-10V DIMMING, EXTRA DIFFUSED LENS FOR BOTH DIRECT/INDIRECT LIGHTING, BLUE FINISH. | MANUFACTURER: ALW CRESCENT MOONRING MODEL#M1-5-CQ304-SS-LOW-80-300K-0/10V-LENS-N-LOW-80-300K-0/10V-LENS-GB-UNV |
| C-1 EM | PENDENT MOUNTED | 164 W LED UNV | SAME AS FIXTURE "C-1" BUT WIRED TO GENERATOR | MANUFACTURER: ALW CRESCENT MOONRING MODEL#M1-5-CQ304-SS-LOW-80-300K-0/10V-LENS-N-LOW-80-300K-0/10V-LENS-GB-UNV |
| D | PENDENT MOUNTED | 42 W LED UNV | LINEAR LED TYPE FIXTURE, 4" LONG, 5500 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, FLAT DIFFUSED LENS WITH 5 CHAINS AND "V" HOOKS. | MANUFACTURER: DAY BRITE CFI MODEL#BLX-55L-830-UNV-FD-FKR-126 |
| D EM | PENDENT MOUNTED | 42 W LED UNV | SAME AS FIXTURE "D" BUT WIRED TO GENERATOR | MANUFACTURER: DAY BRITE CFI MODEL#BLX-55L-830-UNV-FD-FKR-126 |
| F | PENDENT MOUNTED | 60 W LED UNV | PENDENT MOUNTED 6" LED TYPE FIXTURE, 80 CRI, 3500K, 75% DOWN LIGHTING, SINGLE CIRCUIT, WITH DUST COVER, SURF YELLOW FINISH, T-GRID ON GRID MOUNT, FIXTURE SHALL BE FACTORY TUNED TO 5400 LUMENS. | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-06-7-D-E-Y-D-A6-3-24 |
| F EM | PENDENT MOUNTED | 60 W LED UNV | SAME AS FIXTURE "F" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-06-7-D-E-Y-D-A6-3-24 |
| F-12 | PENDENT MOUNTED | 120 W LED UNV | PENDENT MOUNTED 6" LED TYPE FIXTURE, 80 CRI, 3500K, 75% DOWN LIGHTING, SINGLE CIRCUIT, SURF YELLOW FINISH, WITH DUST COVER, T-GRID ON GRID MOUNT, FIXTURE SHALL BE FACTORY TUNED TO 5400 LUMENS. | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-12-7-D-E-Y-D-A6-3-24 |
| F-12 EM | PENDENT MOUNTED | 120 W LED UNV | SAME AS FIXTURE "F-12" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-12-7-D-E-Y-D-A6-3-24 |
| F-16 | PENDENT MOUNTED | 160 W LED UNV | PENDENT MOUNTED 16" LED TYPE FIXTURE, 80 CRI, 3500K, 75% DOWN LIGHTING, SINGLE CIRCUIT, SURF YELLOW FINISH, WITH DUST COVER, T-GRID ON GRID MOUNT, FIXTURE SHALL BE FACTORY TUNED TO 5400 LUMENS. | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-16-7-D-E-Y-D-A6-3-24 |
| F-16 EM | PENDENT MOUNTED | 160 W LED UNV | SAME AS FIXTURE "F-16" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE MODEL#424-R5-L-2-C-A-G-16-7-D-E-Y-D-A6-3-24 |
| G | RECESSED MOUNTED | 113 W LED UNV | 5" DIAMETER RECESSED LED FIXTURE, 300K COLOR TEMPERATURE, 9000 LUMENS, PROGRAMMABLE OUTPUT, SINGLE CIRCUIT, FLAT WHITE ACRYLIC LENS, TEXTURED MATTE WHITE FINISH, 0-10V DIMMING, FIXTURE SHALL BE TUNED IN FIELD AS PER ARCHITECTS DIRECTION. | MANUFACTURER: PRUDENTIAL LIGHTING: P8900 MODEL #P8950-LED3-PROG-FWA-TMW-SC-UNV-X1-DM01 |
| G EM | RECESSED MOUNTED | 113 W LED UNV | SAME AS FIXTURE "G" BUT WIRED TO GENERATOR | MANUFACTURER: PRUDENTIAL LIGHTING: P8900 MODEL #P8950-LED3-PROG-FWA-TMW-SC-UNV-X1-DM01 |
| H-8 | PENDENT MOUNTED | 58 W LED UNV | 8" LONG LED TYPE FIXTURE, 80 CRI, 3000K, 3400 LUMENS PER 4", MESOPTIC LENS, 50% DISTRIBUTION, TITANIUM SILVER FINISH, UNIVERSAL VOLTAGE, 24" SUSPENSION. | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-8-7-D-E-T-A6-3-24 |
| H-8 EM | PENDENT MOUNTED | 58 W LED UNV | SAME AS FIXTURE "H-8" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-8-7-D-E-T-A6-3-24 |
| H-16 | PENDENT MOUNTED | 116 W LED UNV | 16" LONG LED TYPE FIXTURE, 80 CRI, 3000K, 3400 LUMENS PER 4", MESOPTIC LENS, 50% DISTRIBUTION, TITANIUM SILVER FINISH, UNIVERSAL VOLTAGE, 24" SUSPENSION. | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-16-7-D-E-T-A6-3-24 |
| H-16 EM | PENDENT MOUNTED | 116 W LED UNV | SAME AS FIXTURE "H-16" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-16-7-D-E-T-A6-3-24 |
| H-20 | PENDENT MOUNTED | 145 W LED UNV | 20" LONG LED TYPE FIXTURE, 80 CRI, 3000K, 3400 LUMENS PER 4", MESOPTIC LENS, 50% DISTRIBUTION, TITANIUM SILVER FINISH, UNIVERSAL VOLTAGE, 24" SUSPENSION. | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-20-7-D-E-T-A6-3-24 |
| H-20 EM | PENDENT MOUNTED | 145 W LED UNV | SAME AS FIXTURE "H-20" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-20-7-D-E-T-A6-3-24 |
| H-24 | PENDENT MOUNTED | 174 W LED UNV | 24" LONG LED TYPE FIXTURE, 80 CRI, 3000K, 3400 LUMENS PER 4", MESOPTIC LENS, 50% DISTRIBUTION, TITANIUM SILVER FINISH, UNIVERSAL VOLTAGE, 24" SUSPENSION. | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-24-7-D-E-T-A6-3-24 |
| H-24 EM | PENDENT MOUNTED | 174 W LED UNV | SAME AS FIXTURE "H-24" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-24-7-D-E-T-A6-3-24 |
| H-30 | PENDENT MOUNTED | 145 W LED UNV | 20" LONG LED TYPE FIXTURE, 80 CRI, 3000K, 3400 LUMENS PER 4", MESOPTIC LENS, 50% DISTRIBUTION, TITANIUM SILVER FINISH, UNIVERSAL VOLTAGE, 24" SUSPENSION. | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-20-7-D-E-T-A1-24 |
| H-30 EM | PENDENT MOUNTED | 145 W LED UNV | SAME AS FIXTURE "H-30" BUT WIRED TO GENERATOR | MANUFACTURER: LEDALITE BY SIGNIFY MODEL #7406-L-C-E-Q-D-20-7-D-E-T-A1-24 |
| J | SURFACE WALL MOUNTED | 18 W LED UNV | WALL MOUNTED LED TYPE LIGHTING, 1674 LUMENS, 3000K COLOR TEMPERATURE, CLEAR LENS, DIFFUSE LENS, WHITE FINISH, 0-10V DIMMING, UNIVERSAL VOLTAGE. | MANUFACTURER: SELUX MODEL #KJUC-1A55-30-LJ-F-WH-U-DIM |
| J EM | SURFACE WALL MOUNTED | 18 W LED UNV | WALL MOUNTED LED TYPE LIGHTING, 1674 LUMENS, 3000K COLOR TEMPERATURE, CLEAR LENS, DIFFUSE LENS, WHITE FINISH, 0-10V DIMMING, UNIVERSAL VOLTAGE. | MANUFACTURER: SELUX MODEL #KJUC-1A55-30-LJ-F-WH-U-DIM |
| K | SURFACE MOUNTED | 28 W LED UNV | 18" SURFACE MOUNTED LED TYPE FIXTURES, 3300 LUMENS, 3000K COLOR TEMPERATURE, STANDARD OUTPUT, SAPPHIRE MATTE FINISH, DIRECT LIGHT DISTRIBUTION, 0-10V DIMMING, UNIVERSAL VOLTAGE. | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# G8zRDH-18-LED3-SO-YSAM-D1-SC-UNV-SUR-X1-DM01 |
| K EM | SURFACE MOUNTED | 28 W LED UNV | SAME AS FIXTURE "K-2" BUT WIRED TO GENERATOR | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# G8zRDH-18-LED3-SO-YSAM-D1-SC-UNV-SUR-X1-DM01 |
| K-2 | SURFACE MOUNTED | 15 W LED UNV | 24" SURFACE MOUNTED LED TYPE FIXTURES, 1700 LUMENS, 3000K COLOR TEMPERATURE, LOW OUTPUT, SAPPHIRE MATTE FINISH, DIRECT LIGHT DISTRIBUTION, 0-10V DIMMING, UNIVERSAL VOLTAGE. | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# G8zRDH-24-LED3-LO-YSAM-D1-SC-UNV-SUR-X1-DM01 |
| K-2 EM | SURFACE MOUNTED | 15 W LED UNV | SAME AS FIXTURE "K-2" BUT WIRED TO GENERATOR | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# G8zRDH-24-LED3-LO-YSAM-D1-SC-UNV-SUR-X1-DM01 |

| LIGHTING FIXTURE SCHEDULE | | | | |
|---------------------------|------------------|--------------|---|--|
| TYPE | MOUNTING | LAMPS | DESCRIPTION | MANUFACTURER & CAT.# |
| AA | RECESSED MOUNTED | 33W LED UNV | 2" WIDE LED TYPE RECESSED FIXTURE, 4300 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, DIFFUSED SMOOTH LENS, 0-10V DIMMING, SUITABLE FOR GRID CEILING. | MANUFACTURER: DAYBRITE BY SIGNIFY MODEL# 2-FFX-G-43L-830-4-DS-UNV-DIM |
| AA EM | RECESSED MOUNTED | 33W LED UNV | SAME AS FIXTURE "AA" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE BY SIGNIFY MODEL# 2-FFX-G-43L-830-4-DS-UNV-DIM |
| BB | RECESSED MOUNTED | 77 W LED UNV | 2X2" LED TYPE FIXTURE WITH FLANGED MOUNTING STANDARD WHITE LIGHT ANTIMICROBIAL POLYESTER POWDER COAT FINISH, 4000 LUMENS, 30K COLOR TEMPERATURE, 0-10V DIMMING. | MANUFACTURER: PMC LIGHTING MODEL# SC2134RPL-1-SWEM-30K-2X2-FCA-WHT-UNV |
| BB EM | RECESSED MOUNTED | 77 W LED UNV | SAME AS FIXTURE "BB" BUT WIRED TO GENERATOR | MANUFACTURER: PMC LIGHTING MODEL# SC2134RPL-1-SWEM-30K-2X2-FCA-WHT-UNV |
| CC | RECESSED MOUNTED | 40 W LED UNV | 2X2" LED TYPE FIXTURE, 3500K COLOR TEMPERATURE, 4000 LUMENS, 80 CRI, ALUMINUM DOOR FRAME, SEAL COVER LENS. | MANUFACTURER: DAY BRITE CFI MODEL# K1-22-40L-835-G-6-VPL-U |
| CC EM | RECESSED MOUNTED | 40 W LED UNV | SAME AS FIXTURE "CC" BUT WIRED TO GENERATOR | MANUFACTURER: DAY BRITE CFI MODEL# K1-22-40L-835-G-6-VPL-U |
| CC-2 | RECESSED MOUNTED | 40 W LED UNV | 1X4" LED TYPE FIXTURE, 3500K COLOR TEMPERATURE, 4000 LUMENS, 80 CRI, ALUMINUM DOOR FRAME, SEAL COVER LENS. | MANUFACTURER: DAY BRITE CFI MODEL# K1-14-40L-835-G-6-VPL-U |
| CC-2 EM | RECESSED MOUNTED | 40 W LED UNV | SAME AS FIXTURE "CC-2" BUT WIRED TO GENERATOR | MANUFACTURER: DAY BRITE CFI MODEL# K1-14-40L-835-G-6-VPL-U |
| DD | RECESSED MOUNTED | 8 W LED UNV | 1X4" LED TYPE FIXTURE, 3000K COLOR TEMPERATURE, SINGLE CIRCUIT, TEXTURED MATTE WHITE TRIM COLOR SATIN ACRYLIC LENS, 0-10V DIMMING. | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# P33-LED3-MO-4-TMW-SAL-D1-SC-UNV-X1-DM01 |
| DD EM | RECESSED MOUNTED | 8 W LED UNV | SAME AS FIXTURE "DD" BUT WIRED TO GENERATOR | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# P33-LED3-MO-4-TMW-SAL-D1-SC-UNV-X1-DM01 |
| EE | RECESSED MOUNTED | 24 W LED UNV | 2X2" LED TYPE FIXTURE, 3000 LUMENS, 80 CRI, 3000K LUMENS, PERFORATED DIFFUSER, 0-10V DIMMING. | MANUFACTURER: DAYBRITE MODEL# 2-FFX-G-30L-830-2-DSPF-UNV-DIM |
| EE EM | RECESSED MOUNTED | 24 W LED UNV | SAME AS FIXTURE "EE" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE MODEL# 2-FFX-G-30L-830-2-DSPF-UNV-DIM |
| EE-1 | RECESSED MOUNTED | 34 W LED UNV | 2X2" LED TYPE FIXTURE, 3800 LUMENS, 80 CRI, 3000K LUMENS, PERFORATED DIFFUSER, 0-10V DIMMING. | MANUFACTURER: DAYBRITE MODEL# 2-FFX-G-38L-830-2-DSPF-UNV-DIM |
| EE-1 EM | RECESSED MOUNTED | 34 W LED UNV | SAME AS FIXTURE "EE" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE MODEL# 2-FFX-G-38L-830-2-DSPF-UNV-DIM |
| FF | RECESSED MOUNTED | 29 W LED UNV | 2X4" LED TYPE FIXTURE, 3800 LUMENS, 80 CRI, 3000K LUMENS, SMOOTH DIFFUSER, 0-10V DIMMING. | MANUFACTURER: DAYBRITE CFI MODEL# 2-FPX-38L-835-4-DS-UNV-DIM |
| FF EM | RECESSED MOUNTED | 29 W LED UNV | SAME AS FIXTURE "FF" BUT WIRED TO GENERATOR | MANUFACTURER: DAYBRITE CFI MODEL# 2-FPX-38L-835-4-DS-UNV-DIM |
| GG | PENDENT MOUNTED | 12 W LED UNV | 6" PENDENT MOUNTED DECORATIVE LED FIXTURE, 3000K COLOR TEMPERATURE, 90 CRI, MEDIUM OUTPUT, TOP GLOW PROTECTED UP LIGHTING, SINGLE CIRCUIT, 48" STEMCORD, 0-10V DIMMING. | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# SDP-6-MO-TG1-LGNA-YLV-UNV-STC48-EBCP1G-YSL-XTF-DM01 |
| GG EM | PENDENT MOUNTED | 12 W LED UNV | SAME AS FIXTURE "GG" BUT WIRED TO GENERATOR | MANUFACTURER: PRUDENTIAL LIGHTING MODEL# SDP-6-MO-TG1-LGNA-YLV-UNV-STC48-EBCP1G-YSL-XTF-DM01 |
| A | RECESSED MOUNTED | 20 W LED UNV | 6" ROUND LED TYPE DOWNLIGHTING, 2000 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, BAFFLED DOWNLIGHTING, WHITE FINISH, 0-10V DIMMING. | MANUFACTURER: LIGHTOLIER MODEL# L6R-20-A-Z10-U-VA-L6R-20-8-30-VA-L6R-B-W |
| A EM | RECESSED MOUNTED | 20 W LED UNV | SAME AS FIXTURE "A" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# L6R-20-A-Z10-U-VA-L6R-20-8-30-VA-L6R-B-W |
| A-3 | RECESSED MOUNTED | 10 W LED UNV | 2" ROUND RECESSED DECORATIVE DOWNLIGHTING, LED TYPE, 600 LUMENS, 90 CRI, 3000K COLOR TEMPERATURE, 0-10V DIMMING, 2" ROUND TRIM, ADJUSTABLE ACCENT, WHITE FINISH. | MANUFACTURER: LIGHTOLIER MODEL# C2R-A-06-9-30-SP-UP2U-C2R-A-WT |
| A-3 EM | RECESSED MOUNTED | 10 W LED UNV | SAME AS FIXTURE "A-3" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# C2R-A-06-9-30-SP-UP2U-C2R-A-WT |
| A-4 | RECESSED MOUNTED | 9 W LED UNV | 3" ROUND RECESSED DOWNLIGHT, 80 CRI, 3000K COLOR TEMPERATURE, FLOOD BEAM, FLOOD TRIM, SHOWER TIGHT, WHITE FINISH, HAHD WHITE FLANGE. | MANUFACTURER: LIGHTOLIER MODEL# L3-A-E-U-L3-08-8-30-F-L3-R-S-W-W |
| A-4 EM | RECESSED MOUNTED | 9 W LED UNV | SAME AS FIXTURE "A-4" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# L3-A-E-U-L3-08-8-30-F-L3-R-S-W-W |
| A-5 | RECESSED MOUNTED | 16 W LED UNV | 4" DOWN LED TYPE FIXTURE, 1500 LUMENS, 80 CRI, 3000K COLOR TEMPERATURE, MEDIUM BEAM, 0-10V DIMMING, WHITE FINISH. | MANUFACTURER: LIGHTOLIER MODEL# 4R-N-C4L-15-8-30-M-Z10-U-C4-R-DL-WH |
| A-5 EM | RECESSED MOUNTED | 16 W LED UNV | SAME AS FIXTURE "A-5" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# 4R-N-C4L-15-8-30-M-Z10-U-C4-R-DL-WH |
| A-6 | RECESSED MOUNTED | 14 W LED UNV | 6" DOWN LED TYPE FLAT DOWNLIGHT, 900 LUMENS, 3000K COLOR TEMPERATURE, 0-10V DIMMING, WHITE FINISH. | MANUFACTURER: LIGHTOLIER MODEL# FD-6R-3000K-FD-6NCP |
| A-6 EM | RECESSED MOUNTED | 14 W LED UNV | SAME AS FIXTURE "A-6" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# FD-6R-3000K-FD-6NCP |
| B | RECESSED MOUNTED | 15 W LED UNV | 4" SQUARE LED TYPE DOWNLIGHTING, 1500 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, WHITE MATTE FINISH, DOWNLIGHTING, 0-10V DIMMING. | MANUFACTURER: LIGHTOLIER MODEL# 4-S-N-P4S-DL-15-830-WH-Z10-U |
| B EM | RECESSED MOUNTED | 15 W LED UNV | SAME AS FIXTURE "B" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# 4-S-N-P4S-DL-15-830-WH-Z10-U |
| B-1 | RECESSED MOUNTED | 21 W LED UNV | 4" SQUARE LED TYPE DOWNLIGHTING, 2000 LUMENS, 3000K COLOR TEMPERATURE, 80 CRI, WHITE MATTE FINISH, DOWNLIGHTING, 0-10V DIMMING. | MANUFACTURER: LIGHTOLIER MODEL# 4-S-N-P4S-DL-20-830-WH-Z10-U |
| B-1 EM | RECESSED MOUNTED | 21 W LED UNV | SAME AS FIXTURE "B-1" BUT WIRED TO GENERATOR | MANUFACTURER: LIGHTOLIER MODEL# 4-S-N-P4S-DL-20-830-WH-Z10-U |
| B-2 | RECESSED MOUNTED | 15 W LED UNV | 6" SQUARE LED TYPE RECESSED SQUARE LIGHT, 80 CRI, 3000K COLOR TEMPERATURE, 1000 LUMENS, BLACK FINISH, 0-10V. | MANUFACTURER: LIGHTOLIER MODEL# S65-6-30K-10-BK-Z10U |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001
CONSTRUCTION DOCUMENTS

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Barre Gallagher & Associates
CONSULTING ENGINEERS
39 BARRE AVENUE, PLASANTVILLE, NY 10770
845.689.0090 GENERAL@B

| NEW | | ELECTRICAL PANEL SCHEDULE | | | | | | | | | | | | | | | |
|--------------------------|------------|---------------------------|------------------|-----------------|-------------|---|----------------------|-------------|-------------|------|------------|----------------------|---|-------|------------|------------|---------|
| PANEL: SB-EM-ELEV | | MOUNTING: SURFACE | | MAIN LUGS ONLY | | | | MAIN C BKR- | | | | GROUND BUS: X | | | | | |
| 208Y120, 3 PHASE, 4 WIRE | | (NEMA 1) FLUSH | | DOUBLE LUGS | | | | 225A/3P | | | | ISOLATED GROUND BUS: | | | | | |
| 22 .000MIN A.I.C. SYM | | IN MCC | | FEED THRU LUG | | | | MAIN BUS - | | | | TVSS: | | | | | |
| NEUTRAL: 100% | | | | SHUNT TRIP MAIN | | | | 225A | | | | NUMBER OF POLES: 30 | | | | | |
| CKT No. | TRIP (AMP) | LOAD | WIRE | CND. | KVA / PHASE | A | B | C | KVA / PHASE | CND. | A | B | C | WIRE | LOAD | TRIP (AMP) | CKT No. |
| 1 | 20 | SUMP PUMP | 2#12+1#12G | 3/4 | 0.50 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | PIT RECP | 20 | 2 |
| 3 | 3 | ELEV 1 DISC | 3#2+1#8G | 1/4 | 5.20 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | ELEV LIGHT | 20 | 4 |
| 5 | 7 | DS-B | 2#12+1#12G | 3/4 | 0.10 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | EMR 05 | 20 | 8 |
| 11 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 10 | |
| 13 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 12 | |
| 15 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 14 | |
| 17 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 16 | |
| 19 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 18 | |
| 21 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 20 | |
| 23 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 22 | |
| 25 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 24 | |
| 27 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 26 | |
| 29 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 28 | |
| 31 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 30 | |
| SUBTOTALS | | | 3.10 0.90 2.90 | | | | 4.40 3.20 6.70 | | | | SUBTOTALS | | | | | | |
| TOTAL LOADS | | | 7.5 KVA PHASE A | | | | LIGHTING: 0.00 KVA | | | | | | | | | | |
| | | | 4.1 KVA PHASE B | | | | RECEPTACLE: 0.00 KVA | | | | | | | | | | |
| | | | 9.6 KVA PHASE C | | | | KITCHEN: 0.00 KVA | | | | | | | | | | |
| TOTAL CONN. LOAD | | | 21.2 KVA 59.0 A | | | | MOTOR: 21.20 KVA | | | | | | | | | | |
| TOTAL DEMAND LOAD | | | 21.2 KVA 59.0 A | | | | POWER: 0.00 KVA | | | | | | | | | | |
| | | | TOTAL: 21.20 KVA | | | | TOTAL: 18.30 KVA | | | | | | | | | | |

* PROVIDE PROPER SIZE FRAME TO FIT 3P-100AMB CB

| NEW | | ELECTRICAL PANEL SCHEDULE | | | | | | | | | | | | | | | |
|--------------------------|------------|---------------------------|------------------|-----------------|-------------|---|----------------------|-------------|-------------|------|------------|----------------------|---|-------|---------|------------|---------|
| PANEL: MP-1 | | MOUNTING: SURFACE | | MAIN LUGS ONLY | | | | MAIN C BKR- | | | | GROUND BUS: X | | | | | |
| 208Y120, 3 PHASE, 4 WIRE | | (NEMA 1) FLUSH | | DOUBLE LUGS | | | | 150A/3P | | | | ISOLATED GROUND BUS: | | | | | |
| 22 .000MIN A.I.C. SYM | | IN MCC | | FEED THRU LUG | | | | MAIN BUS - | | | | TVSS: | | | | | |
| NEUTRAL: 100% | | | | SHUNT TRIP MAIN | | | | 225 A | | | | NUMBER OF POLES: 42 | | | | | |
| CKT No. | TRIP (AMP) | LOAD | WIRE | CND. | KVA / PHASE | A | B | C | KVA / PHASE | CND. | A | B | C | WIRE | LOAD | TRIP (AMP) | CKT No. |
| 1 | 20 | CH-1 | 2#12+1#12G | 3/4 | 0.20 | | | | 0.20 | 3/4 | 2#12+1#12G | | | | FC UNIT | 20 | 2 |
| 3 | 20 | SECURITY WINDOW | 2#12+1#12G | 3/4 | 0.50 | | | | 0.20 | 3/4 | 2#12+1#12G | | | | FC UNIT | 20 | 4 |
| 5 | 2 | FC UNIT | 2#12+1#12G | 3/4 | 0.20 | | | | 0.20 | 3/4 | 2#12+1#12G | | | | FC UNIT | 20 | 6 |
| 7 | 20 | FC UNIT | 2#12+1#12G | 3/4 | 0.20 | | | | 0.20 | 3/4 | 2#12+1#12G | | | | FC UNIT | 20 | 8 |
| 9 | 2 | FC UNIT | 2#12+1#12G | 3/4 | 0.20 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | FSD | 20 | 10 |
| 11 | 20 | FC UNIT | 2#12+1#12G | 3/4 | 0.20 | | | | 4.00 | 3/4 | 2#8+1#10G | | | | ECH-A | 20 | 12 |
| 13 | 20 | FC UNIT | 2#12+1#12G | 3/4 | 0.20 | | | | 4.00 | 3/4 | 2#8+1#10G | | | | ECH-A | 20 | 14 |
| 15 | 20 | SPARE | - | - | - | - | - | - | 2.50 | 3/4 | 2#8+1#10G | | | | ECH-B | 20 | 16 |
| 17 | 2 | ECH-B | 2#8+1#10G | 3/4 | 2.50 | | | | 2.50 | 3/4 | 2#8+1#10G | | | | ECH-B | 20 | 18 |
| 19 | 40 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 20 | |
| 21 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 22 | |
| 23 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 24 | |
| 25 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 26 | |
| 27 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 28 | |
| 29 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 30 | |
| 31 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 32 | |
| 33 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 34 | |
| 35 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 36 | |
| 37 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 38 | |
| 39 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 40 | |
| 41 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 42 | |
| SUBTOTALS | | | 3.10 0.90 2.90 | | | | 4.40 3.20 6.70 | | | | SUBTOTALS | | | | | | |
| TOTAL LOADS | | | 7.5 KVA PHASE A | | | | LIGHTING: 0.00 KVA | | | | | | | | | | |
| | | | 4.1 KVA PHASE B | | | | RECEPTACLE: 0.00 KVA | | | | | | | | | | |
| | | | 9.6 KVA PHASE C | | | | KITCHEN: 0.00 KVA | | | | | | | | | | |
| TOTAL CONN. LOAD | | | 21.2 KVA 59.0 A | | | | MOTOR: 21.20 KVA | | | | | | | | | | |
| TOTAL DEMAND LOAD | | | 21.2 KVA 59.0 A | | | | POWER: 0.00 KVA | | | | | | | | | | |
| | | | TOTAL: 21.20 KVA | | | | TOTAL: 18.30 KVA | | | | | | | | | | |

| NEW | | ELECTRICAL PANEL SCHEDULE | | | | | | | | | | | | | | | |
|--------------------------|------------|---------------------------|------------|-----------------|-------------|---|---|-------------|-------------|------|------------|----------------------|---|-------|----------------|------------|---------|
| PANEL: MP-GYM | | MOUNTING: SURFACE | | MAIN LUGS ONLY | | | | MAIN C BKR- | | | | GROUND BUS: X | | | | | |
| 208Y120, 3 PHASE, 4 WIRE | | (NEMA 1) FLUSH | | DOUBLE LUGS | | | | 400A/3P | | | | ISOLATED GROUND BUS: | | | | | |
| 22 .000MIN A.I.C. SYM | | IN MCC | | FEED THRU LUG | | | | MAIN BUS - | | | | TVSS: | | | | | |
| NEUTRAL: 100% | | | | SHUNT TRIP MAIN | | | | 600 A | | | | NUMBER OF POLES: 84 | | | | | |
| CKT No. | TRIP (AMP) | LOAD | WIRE | CND. | KVA / PHASE | A | B | C | KVA / PHASE | CND. | A | B | C | WIRE | LOAD | TRIP (AMP) | CKT No. |
| 1 | 20 | COND PUMP | 2#12+1#12G | 3/4 | 8.60 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | EMR RECP | 20 | 2 |
| 3 | 3 | ELV DISC | 3#1+1#6G | 1/2 | 8.60 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | ELEV CAR LIGHT | 20 | 4 |
| 5 | 7 | DS-B | 2#12+1#12G | 3/4 | 0.54 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | CORR RECP | 20 | 6 |
| 9 | 20 | CORR RECP | 2#12+1#12G | 3/4 | 0.54 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | CORR RECP | 20 | 10 |
| 11 | 20 | RECEP | 2#12+1#12G | 3/4 | 0.50 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | UH | 20 | 12 |
| 13 | 20 | LOCKER ALT | 2#12+1#12G | 3/4 | 0.50 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | GB04 ALT | 20 | 14 |
| 15 | 20 | GB03 | 2#12+1#12G | 3/4 | 0.50 | | | | 0.40 | 3/4 | 2#12+1#12G | | | | GB05 | 20 | 16 |
| 17 | 20 | CORR RECP | 2#12+1#12G | 3/4 | 0.54 | | | | 0.40 | 3/4 | 2#12+1#12G | | | | LOCKER BR ALT | 20 | 18 |
| 19 | 20 | LOCKER BR ALT | 2#12+1#12G | 3/4 | 0.54 | | | | 0.50 | 3/4 | 2#12+1#12G | | | | STORAGE | 20 | 20 |
| 21 | 20 | JAN RECP | 2#12+1#12G | 3/4 | 0.20 | | | | - | - | - | - | - | - | - | 20 | 22 |
| 23 | 2 | FC UNITS | 2#12+1#12G | 3/4 | 0.30 | | | | 1.80 | 3/4 | 3#10+1#10G | | | | ERU-8 | 3 | 24 |
| 25 | 2 | FC UNITS | 2#12+1#12G | 3/4 | 0.30 | | | | 1.80 | 3/4 | 3#10+1#10G | | | | ERU-8 | 3 | 26 |
| 27 | 2 | FC UNITS | 2#12+1#12G | 3/4 | 0.30 | | | | 1.80 | 3/4 | 3#10+1#10G | | | | ERU-8 | 3 | 28 |
| 29 | 20 | SPARE | - | - | - | - | - | - | 0.30 | 3/4 | 2#12+1#12G | | | | DH | 20 | 30 |
| 31 | 2 | HP-B | 3#8+1#8G | 3/4 | 0.30 | | | | 2.90 | 3/4 | 3#8+1#8G | | | | HP-15 | 3 | 32 |
| 33 | 40 | SPARE | - | - | - | - | - | - | 2.90 | 3/4 | 3#8+1#8G | | | | HP-15 | 3 | 34 |
| 35 | 20 | EF-11 | 2#12+1#12G | 3/4 | 0.30 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | FSD | 20 | 36 |
| 37 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 38 | |
| 39 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 40 | |
| 41 | 20 | ICE MAKER | 2#12+1#12G | 3/4 | 0.30 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | DS-B | 20 | 42 |
| 43 | 20 | SPARE | - | - | - | - | - | - | 0.30 | 3/4 | 2#12+1#12G | | | | DS-B | 20 | 44 |
| 45 | 20 | SPARE | - | - | - | - | - | - | 2.50 | 3/4 | 2#8+1#10G | | | | ECH-B | 20 | 46 |
| 47 | 20 | ECH-A | 2#8+1#10G | 3/4 | 4.00 | | | | 2.50 | 3/4 | 2#8+1#10G | | | | ECH-B | 20 | 48 |
| 49 | 50 | SPARE | - | - | - | - | - | - | 0.30 | 3/4 | 2#12+1#12G | | | | SPARE | 20 | 50 |
| 51 | 3 | ACN-B | 3#10+1#10G | 3/4 | 1.30 | | | | 2.50 | 3/4 | 3#10+1#10G | | | | SPARE | 20 | 52 |
| 53 | 3 | ACN-B | 3#10+1#10G | 3/4 | 1.30 | | | | 1.30 | 3/4 | 3#10+1#10G | | | | ACN-B | 3 | 54 |
| 55 | 30 | DOOR CONTROL | 2#12+1#12G | 3/4 | 0.20 | | | | 1.30 | 3/4 | 2#12+1#12G | | | | FC UNITS | 2 | 56 |
| 57 | 20 | EF-12 | 2#12+1#12G | 3/4 | 0.20 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | FC UNITS | 2 | 60 |
| 59 | 2 | CTRL PNL | 2#12+1#12G | 3/4 | 0.20 | | | | 0.30 | 3/4 | 2#12+1#12G | | | | SPARE | 20 | 62 |
| 61 | 3 | HP-16(ALT) | 3#4+1#8G | 1/4 | 5.80 | | | | - | - | - | - | - | - | SPARE | 20 | 64 |
| 63 | 80 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 66 | |
| 65 | 3 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 68 | |
| 67 | 80 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 70 | |
| 69 | 80 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 72 | |
| 71 | 20 | SPARE | - | - | - | - | - | - | - | - | - | - | - | SPARE | 20 | 74 | |
| 73 | 20 | SPARE | - | - | - | | | | | | | | | | | | |

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE YONKERS JOINT SCHOOL CONSTRUCTION BOARD 121 MCLEAN AVENUE YONKERS, NY 10705



285 MAIN STREET MOUNT KISCO, NEW YORK 10549 P914.666.5900 KGARCHITECTS.COM

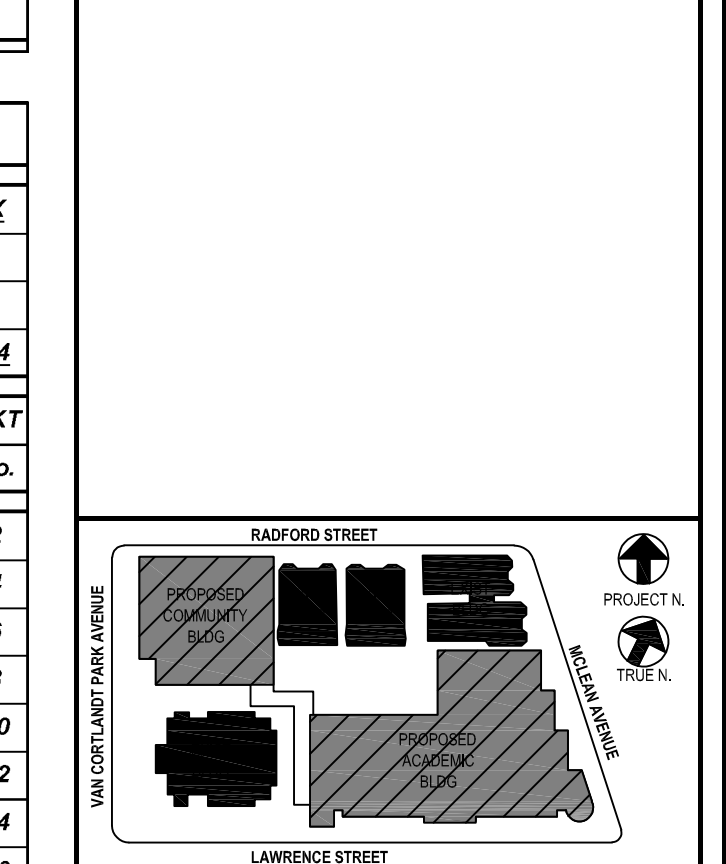
NY SED PROJECT CONTROL NO. 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS bga

BARILE GALLAGHER & ASSOCIATES CONSULTING ENGINEERS

39 MARBLE AVE. PLEASANTVILLE, NY 10570 914.326.0000 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

Professional Seal



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED ON THIS SHEET ARE THE SOLE PROPERTY OF BARILE GALLAGHER & ASSOCIATES, INC. ANY REUSE OR MODIFICATION OF THESE PLANS WITHOUT THE WRITTEN PERMISSION OF BARILE GALLAGHER & ASSOCIATES, INC. IS STRICTLY PROHIBITED.

DATE: 01/13/2022 CONFORMED SET 12/10/2021 BID ADDENDUM #4 11/01/2021 ISSUED TO BID 10/14/2021 CONSTRUCTION DOCS-NYS ED 12/15/2020 DESIGN DEVELOPMENT

No. Date Issue Sheet Title

ELECTRICAL PANEL SCHEDULES

Job No. 2019-1026 Date 11/18/20 Scale AS NOTED Drawn / Checked BGA/BGA

Sheet Number E603

NEW ELECTRICAL PANEL SCHEDULE PN: PP-4 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-3 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-2 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-1 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-B 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-GYM 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-N 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

NEW ELECTRICAL PANEL SCHEDULE PN: PP-F 208Y120, 3 PHASE, 4 WIRE 22 .000MIN A.I.C. SYM NEUTRAL: 100%

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, DP-EM, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, SB-KIT, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, SB-2, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, EM-1, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

SUBTOTALS table for DP-EM panel showing total loads, demand load, and power requirements.

SUBTOTALS table for SB-KIT panel showing total loads, demand load, and power requirements.

SUBTOTALS table for SB-2 panel showing total loads, demand load, and power requirements.

SUBTOTALS table for EM-1 panel showing total loads, demand load, and power requirements.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, KP-1, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, SB-4, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, EM-3, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, EM-3, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, SB-GYM, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, SB-GYM, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, DP-SB-EM, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

Table with columns for PNL, DP-SB-EM, MOUNTING, SURFACE, MAIN LUGS ONLY, MAIN C BKR, GROUND BUS, ISOLATED GROUND BUS, TVSS, SHUNT TRIP MAIN, NUMBER OF POLES, and a grid of load data.

NEW ELECTRICAL PANEL SCHEDULE

SUBTOTALS table for SB-GYM panel showing total loads, demand load, and power requirements.

NEW ELECTRICAL PANEL SCHEDULE

SUBTOTALS table for DP-SB-EM panel showing total loads, demand load, and power requirements.

NEW ELECTRICAL PANEL SCHEDULE

SUBTOTALS table for DP-SB-EM panel showing total loads, demand load, and power requirements.

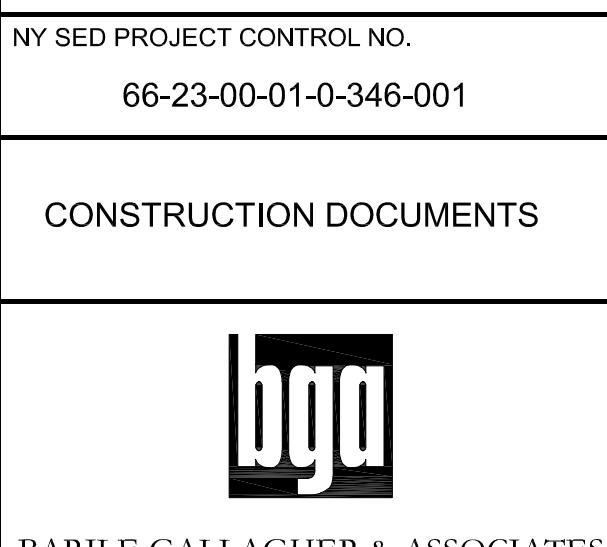
NEW ELECTRICAL PANEL SCHEDULE

SUBTOTALS table for DP-SB-EM panel showing total loads, demand load, and power requirements.

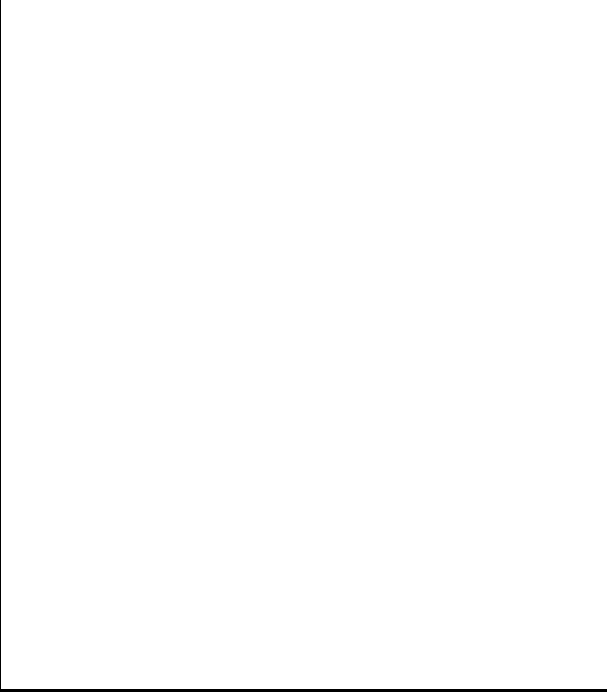
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE YONKERS JOINT SCHOOL CONSTRUCTION BOARD 121 MCLEAN AVENUE YONKERS, NY 10705



NY SED PROJECT CONTROL NO. 66-23-00-01-0-346-001 CONSTRUCTION DOCUMENTS



Professional Seal area with project details and dates.



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED ON THIS DOCUMENT ARE THE PROPERTY OF DAVIDSON ARCHITECTS ENGINEERS PC...

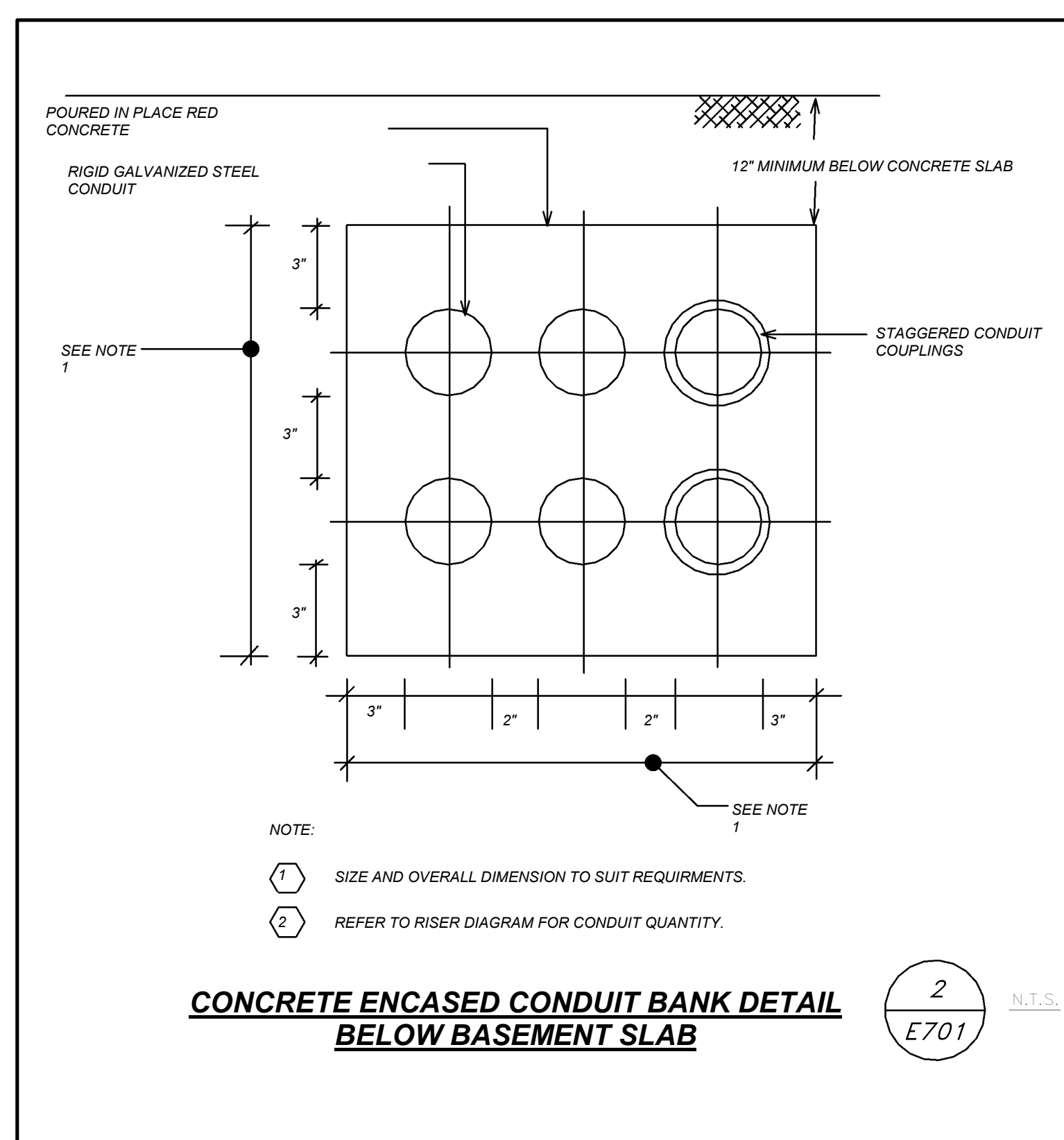
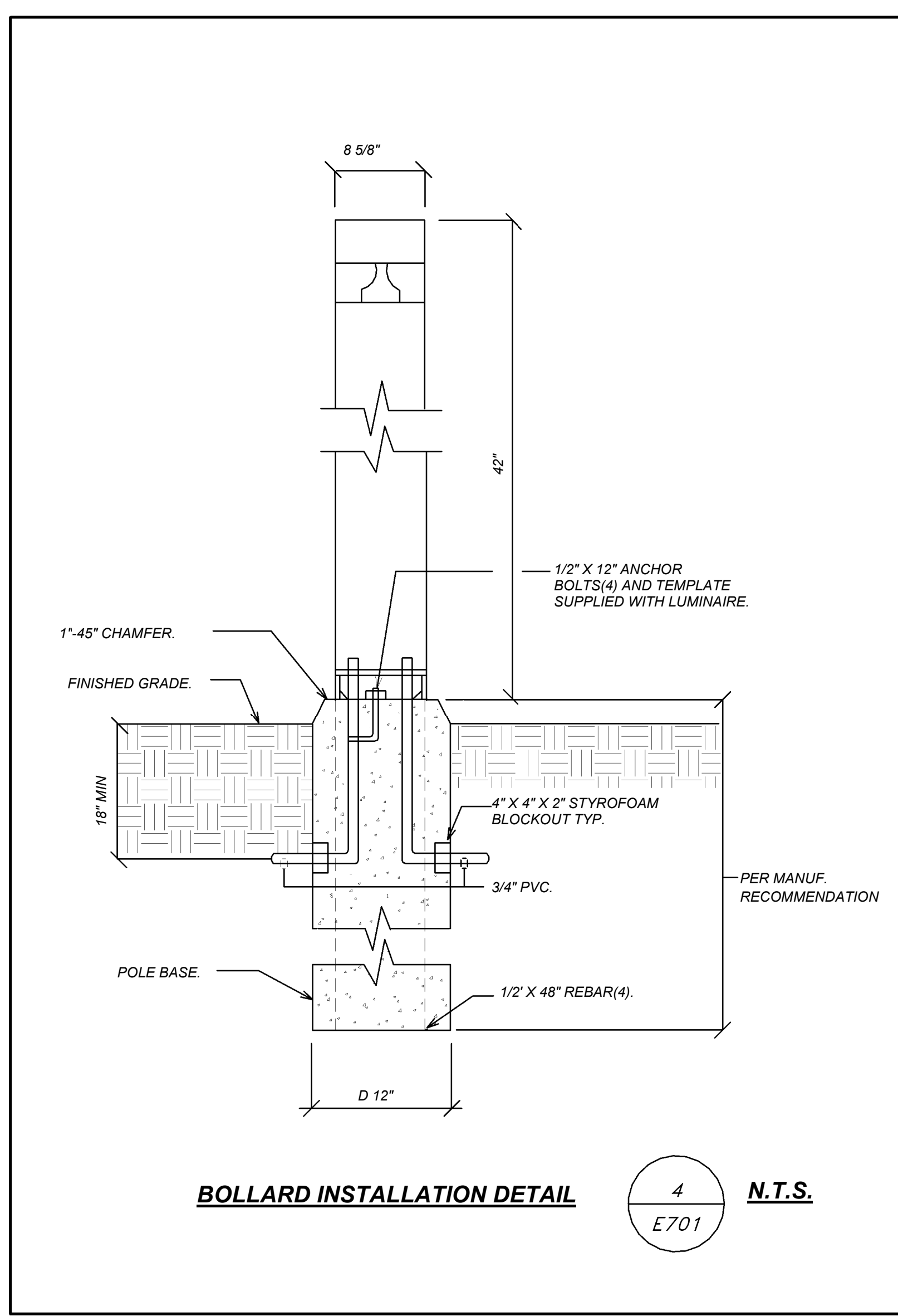
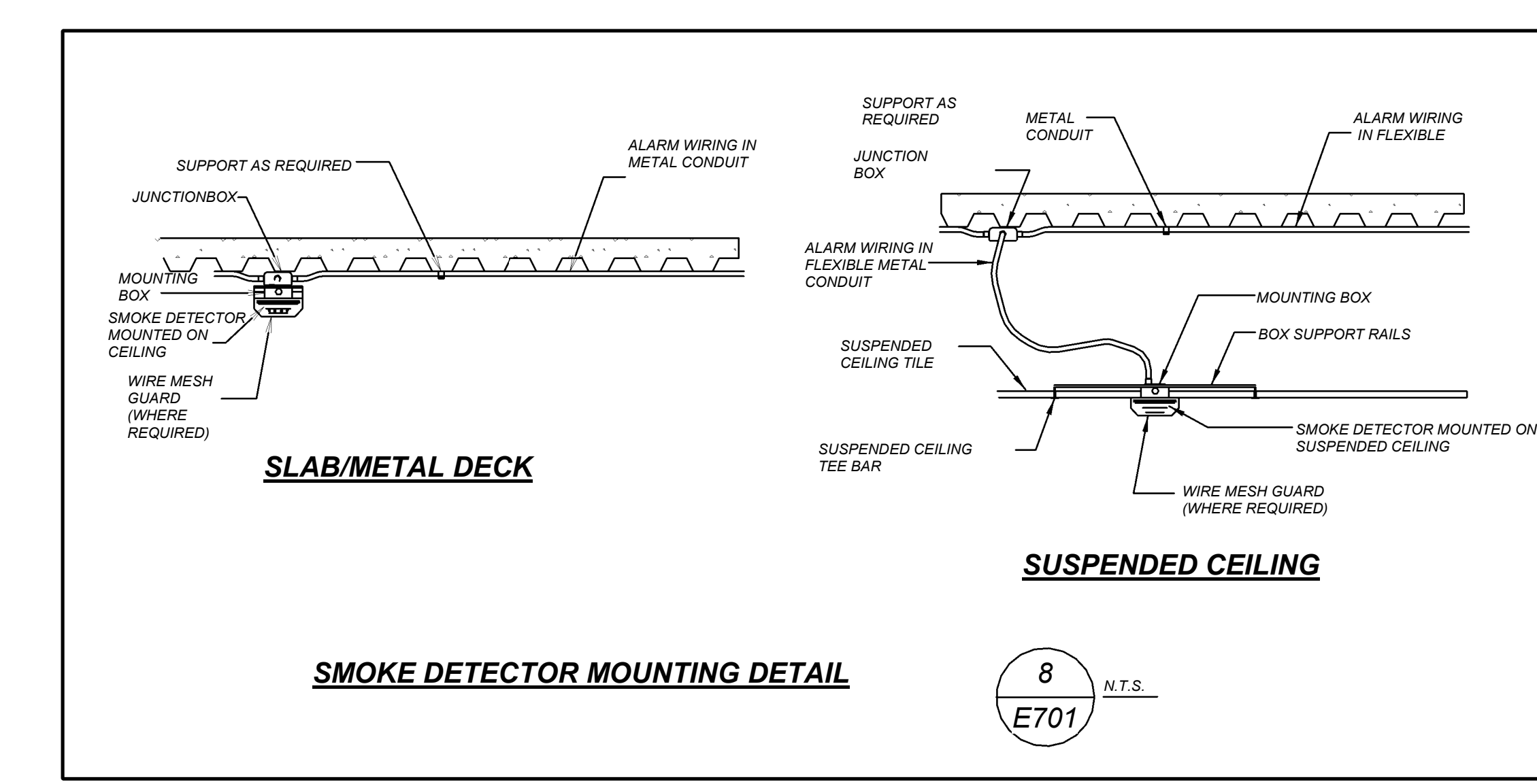
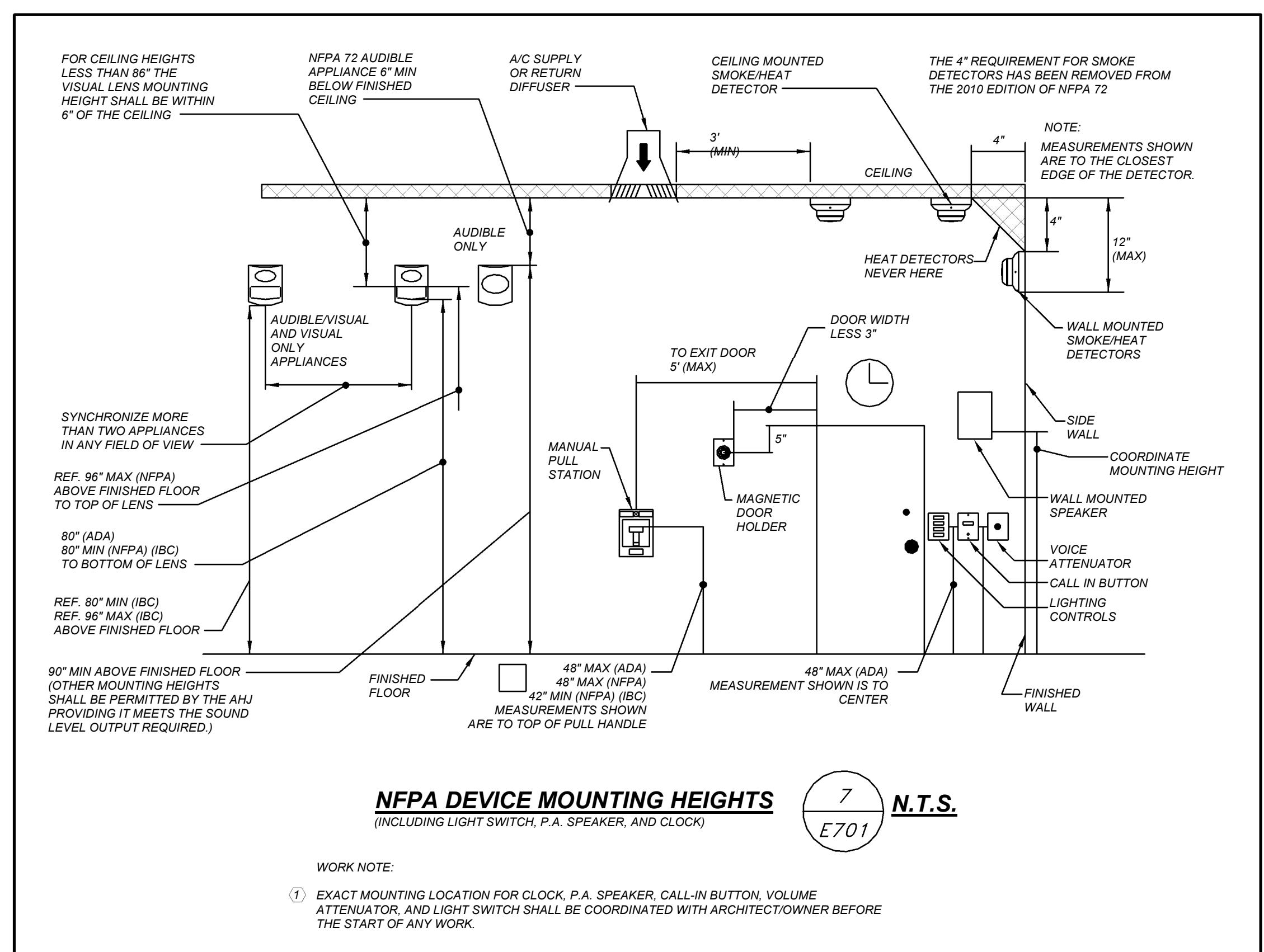
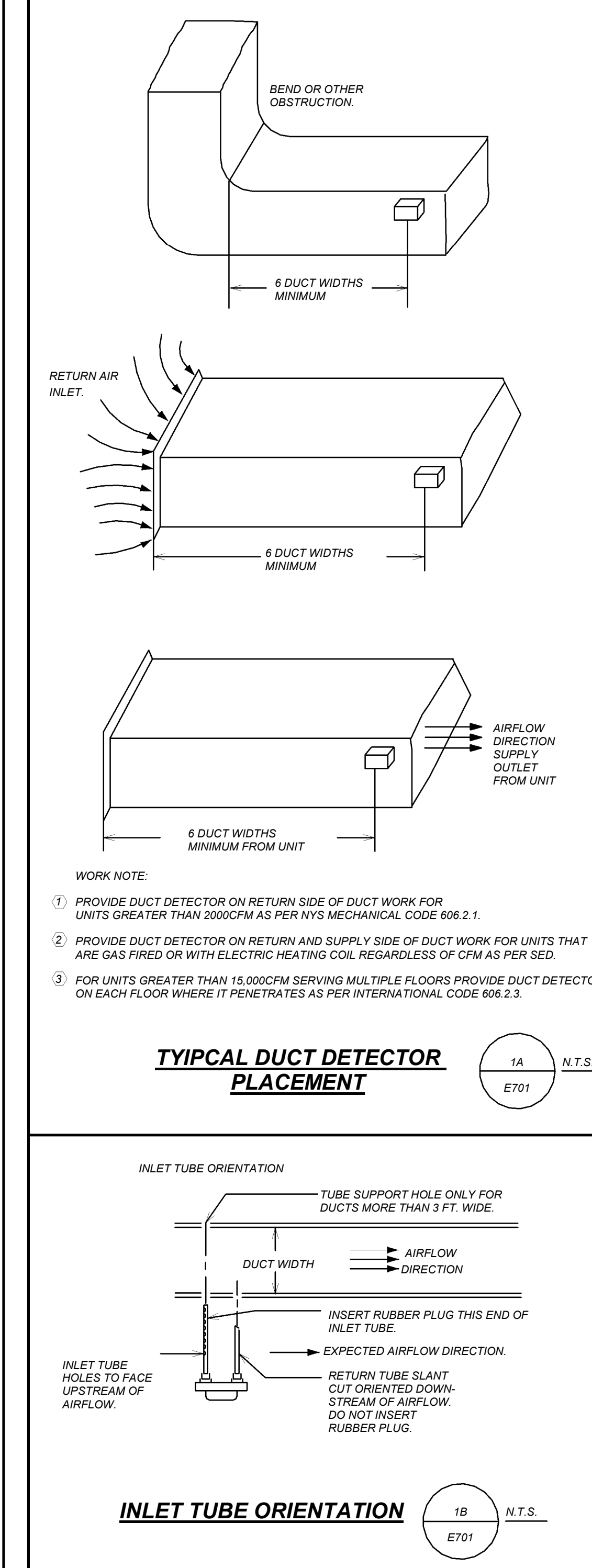
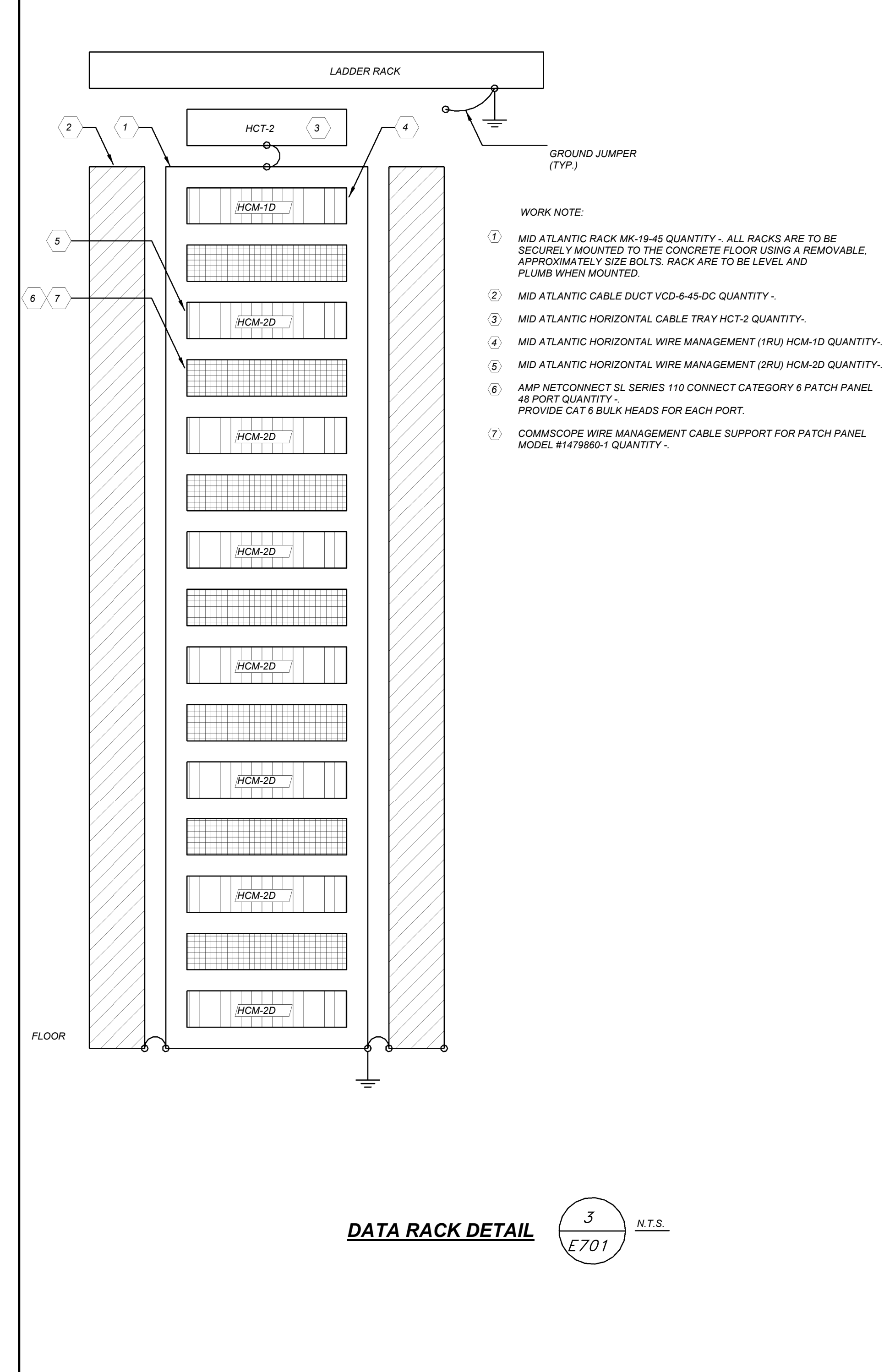
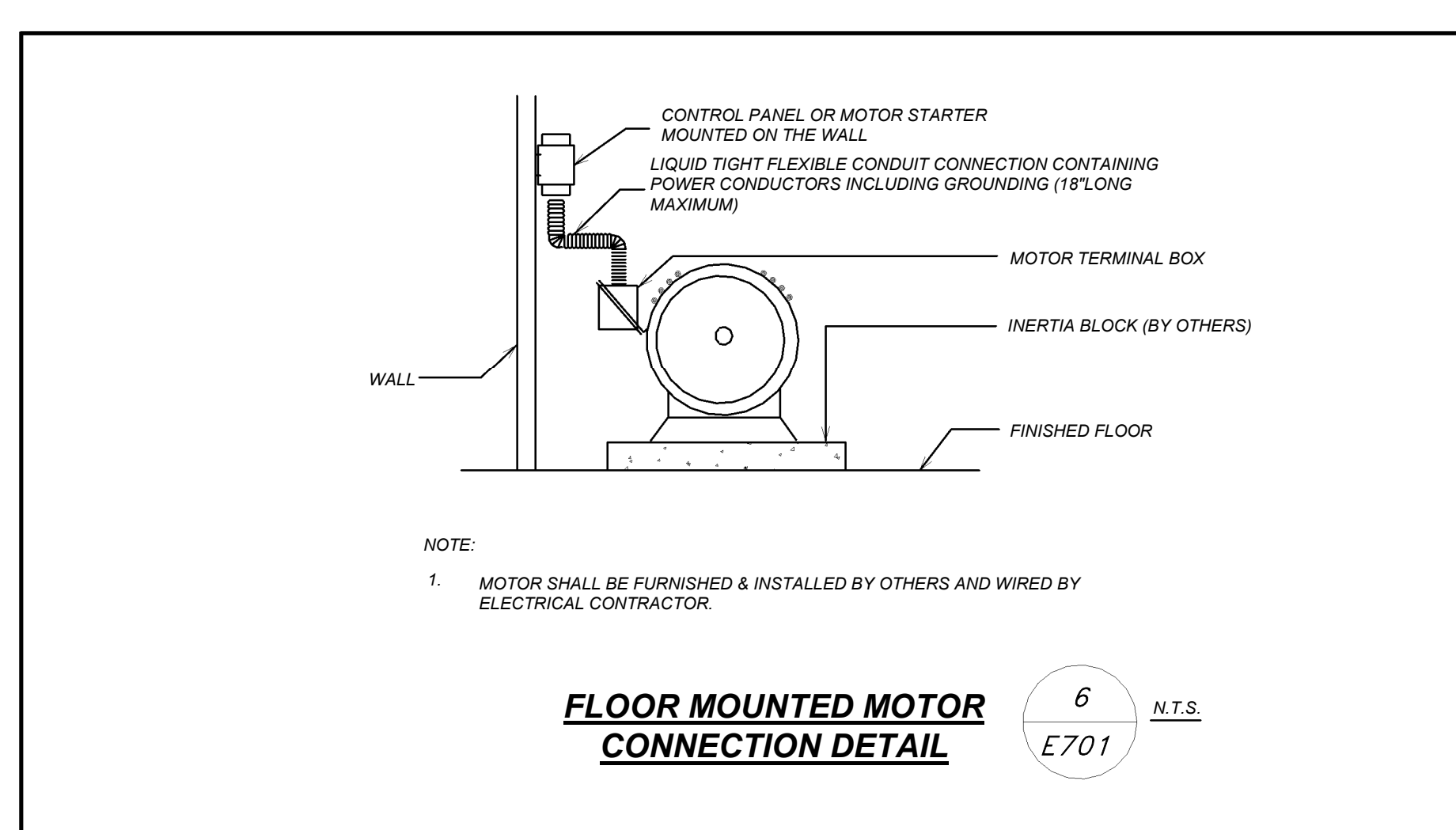
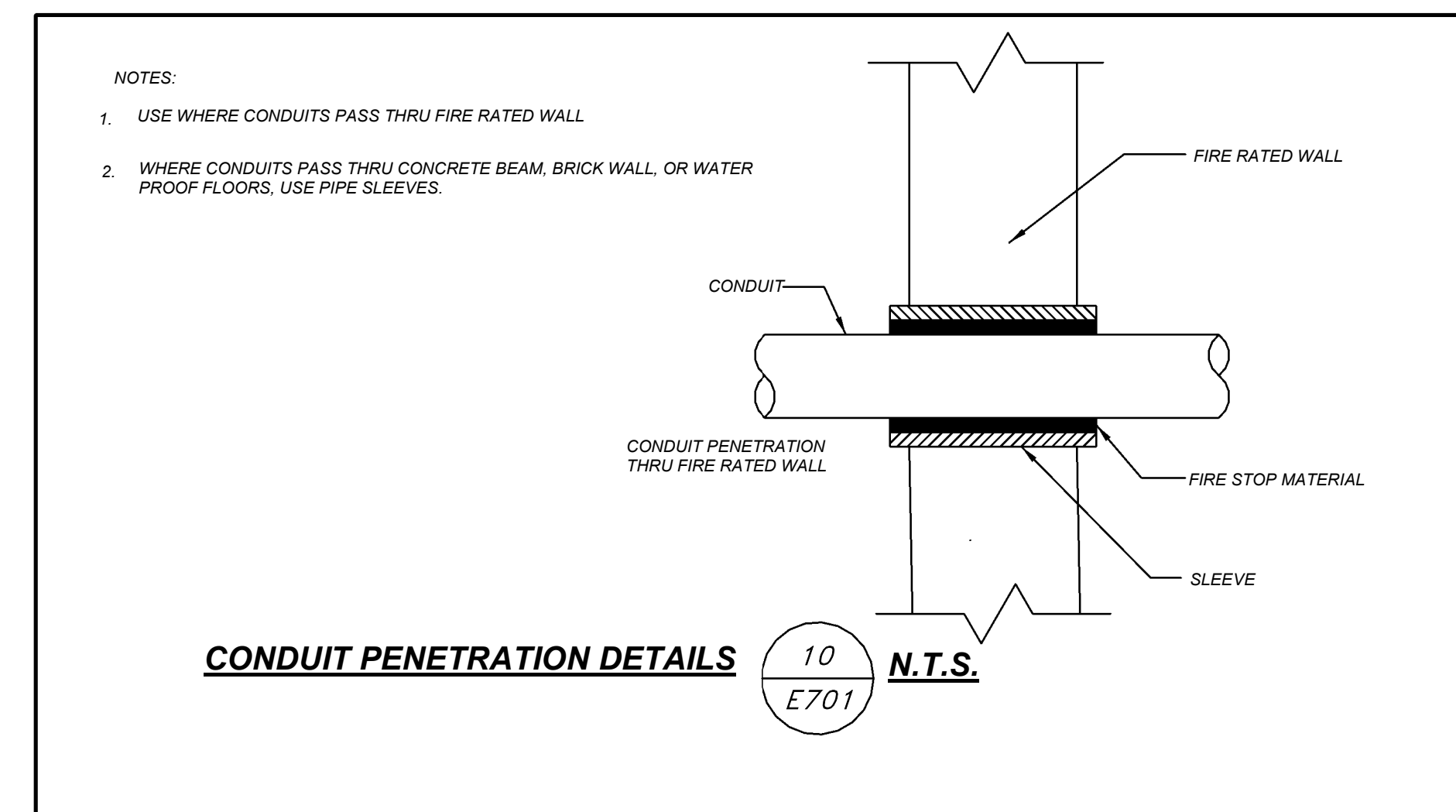
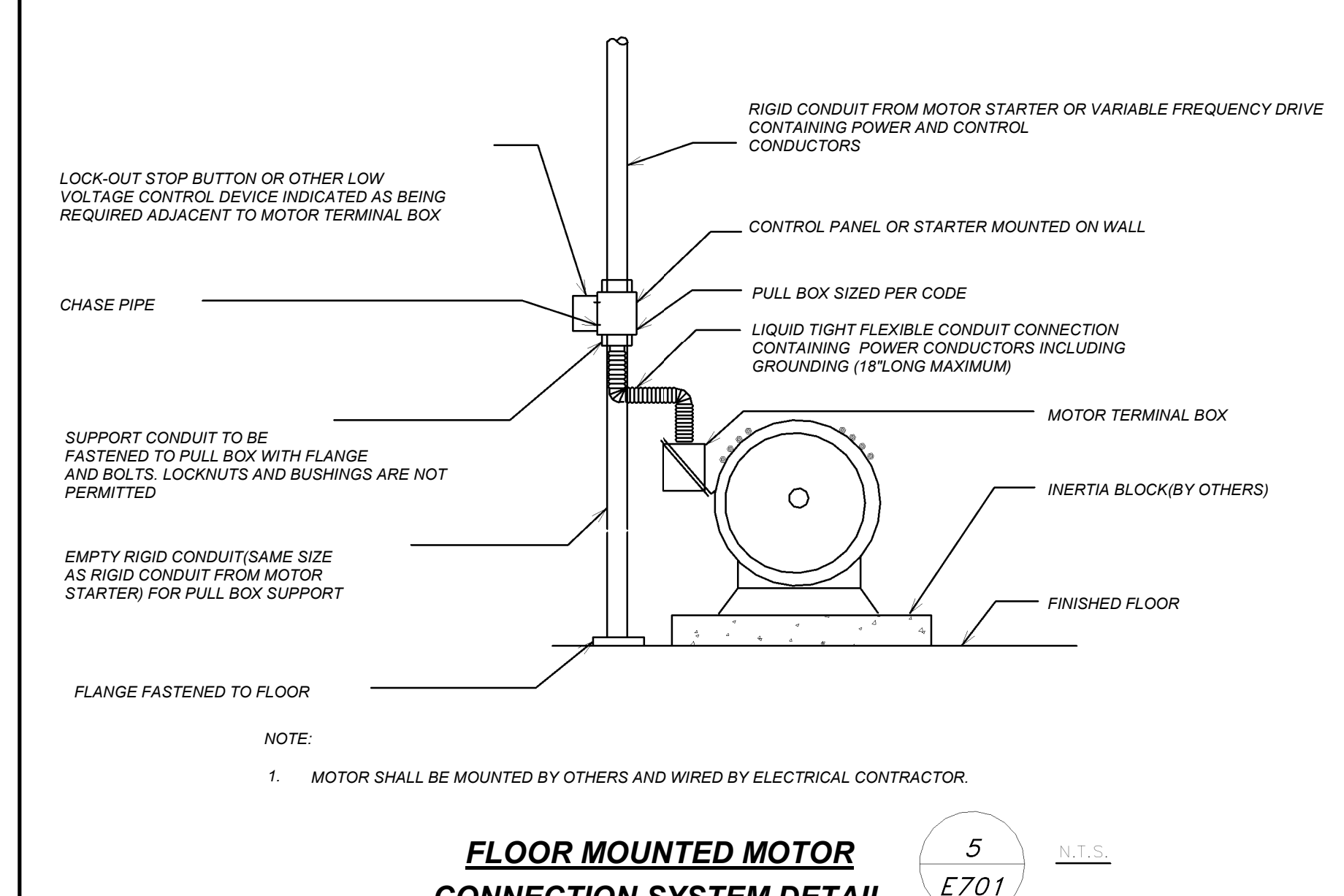
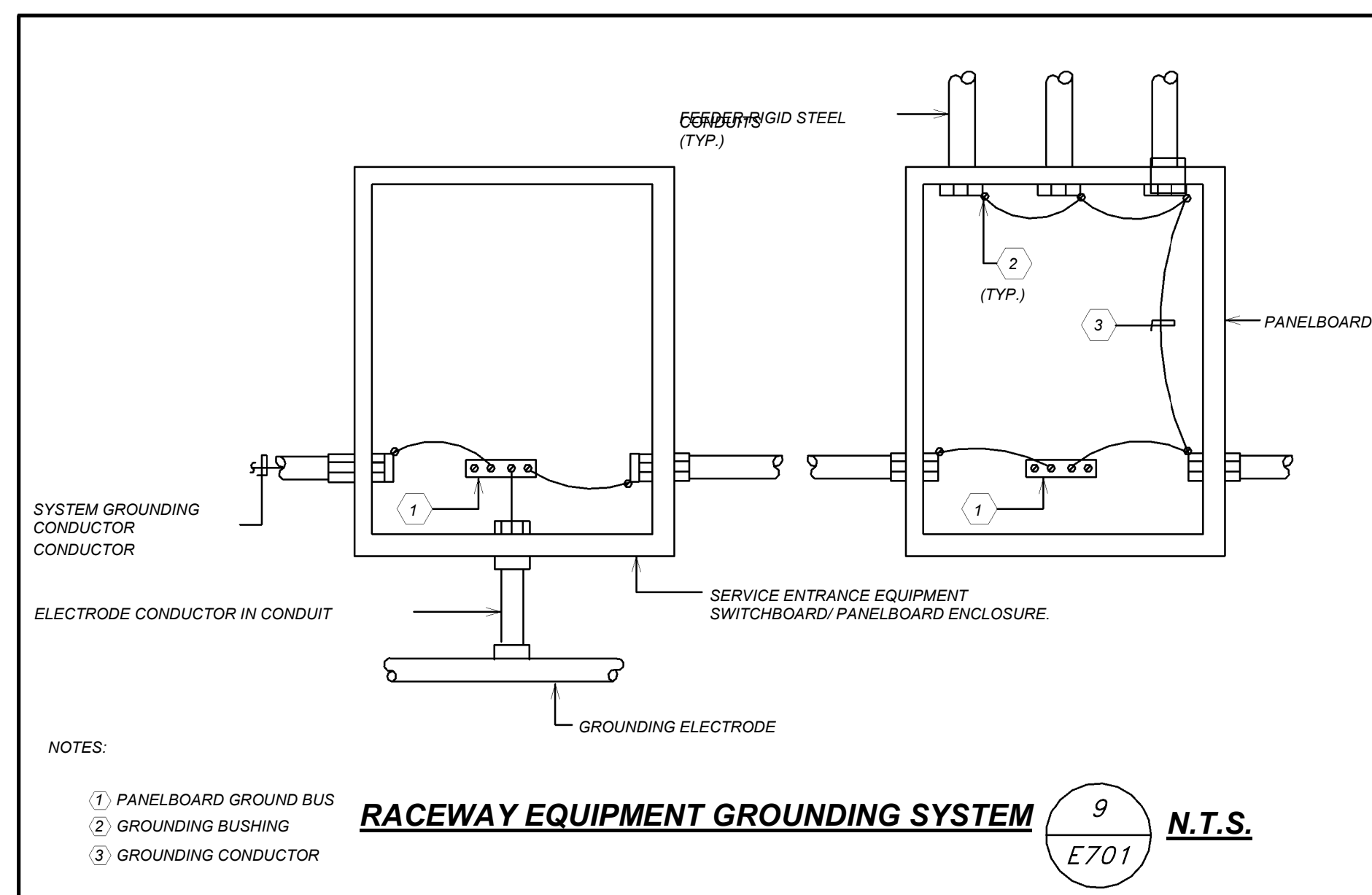
WRITTEN DIMENSIONS ON THE DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT SHALL BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DRAWINGS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

Table with columns for Job No., Date, Scale, and Drawn/Checked information.

ELECTRICAL PANEL SCHEDULES Job No. 2019-1026 Date 11/18/20 Scale AS NOTED Drawn / Checked BG/BGA

E604

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

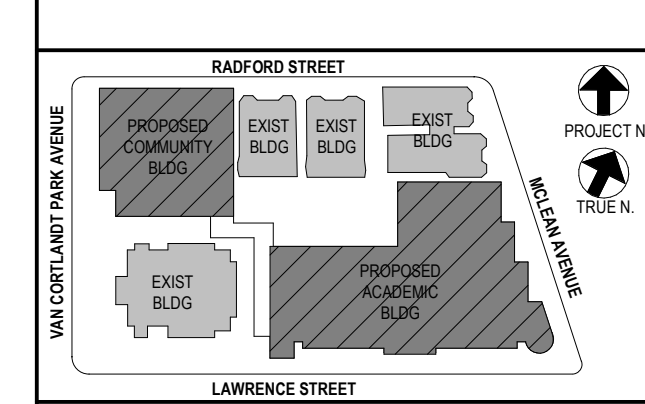


NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001
CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL SESSIONS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBERT & ASSOCIATES ARCHITECTS, PC. THESE ARRANGEMENTS AND PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANKER GARBERT & ASSOCIATES ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER OR PROFESSIONAL CONSULTANT, SHALL BE A VIOLATION OF TITLE 24, SECTION 24-150 OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBERT & ASSOCIATES ARCHITECTS, PC. ALL RIGHTS RESERVED.

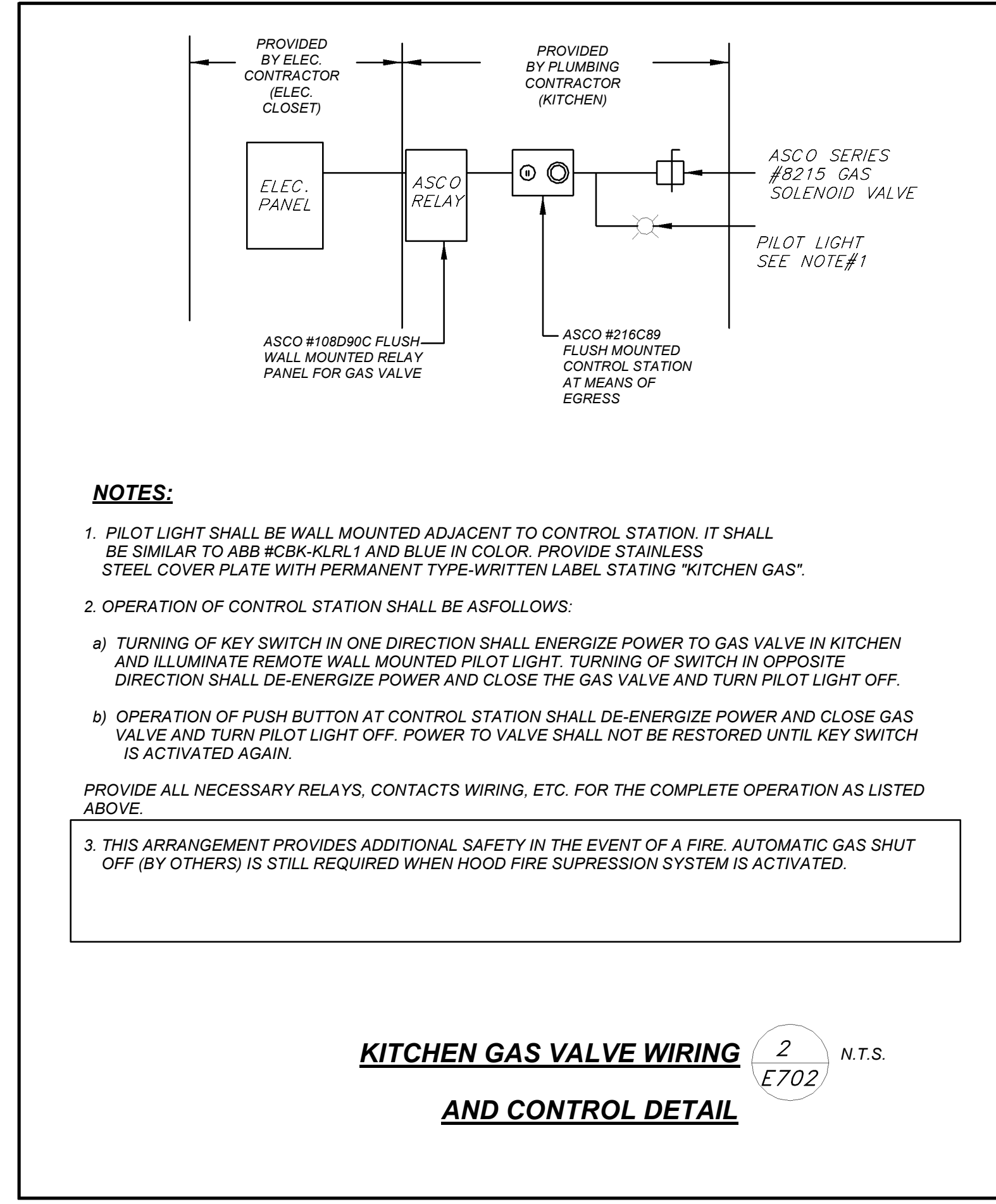
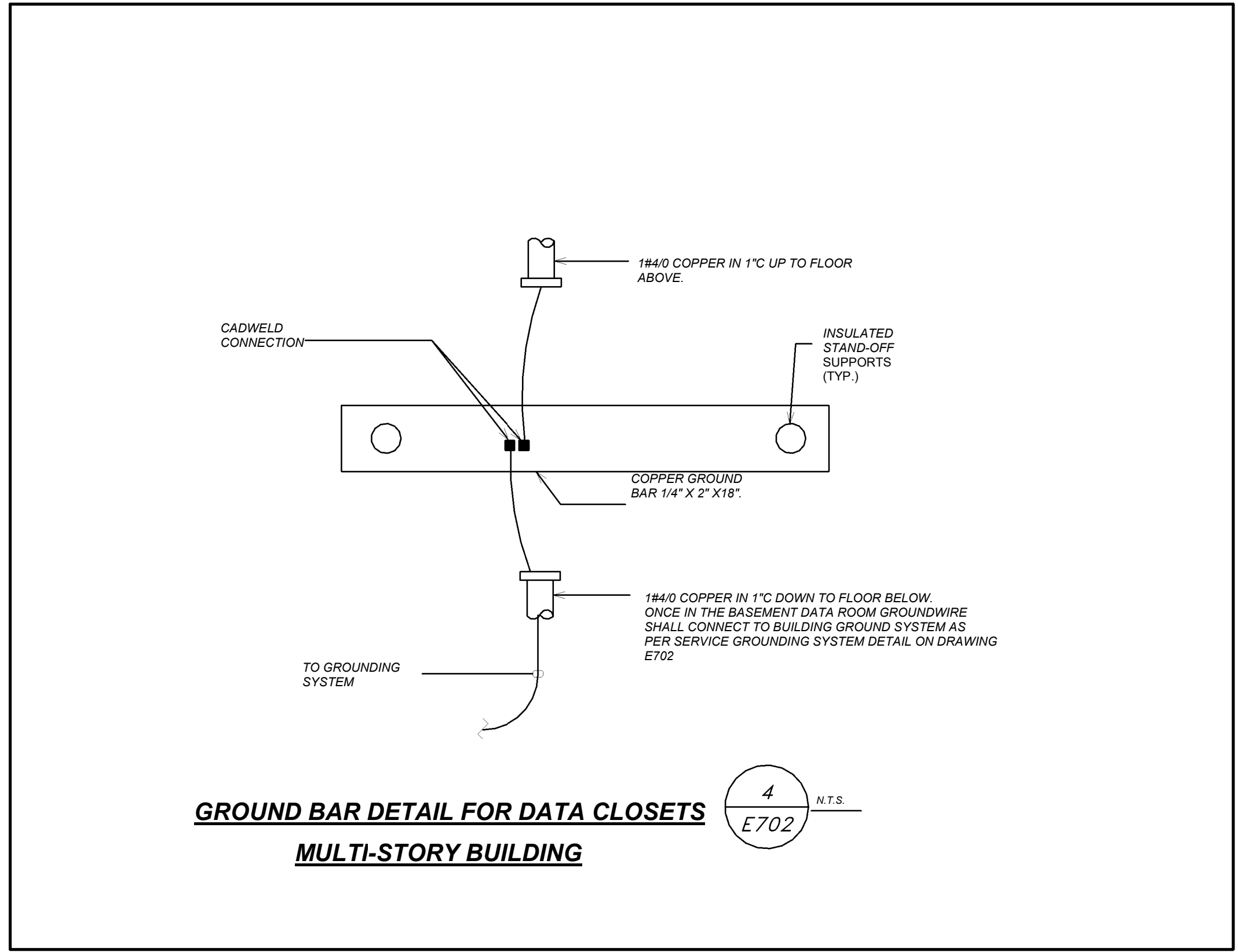
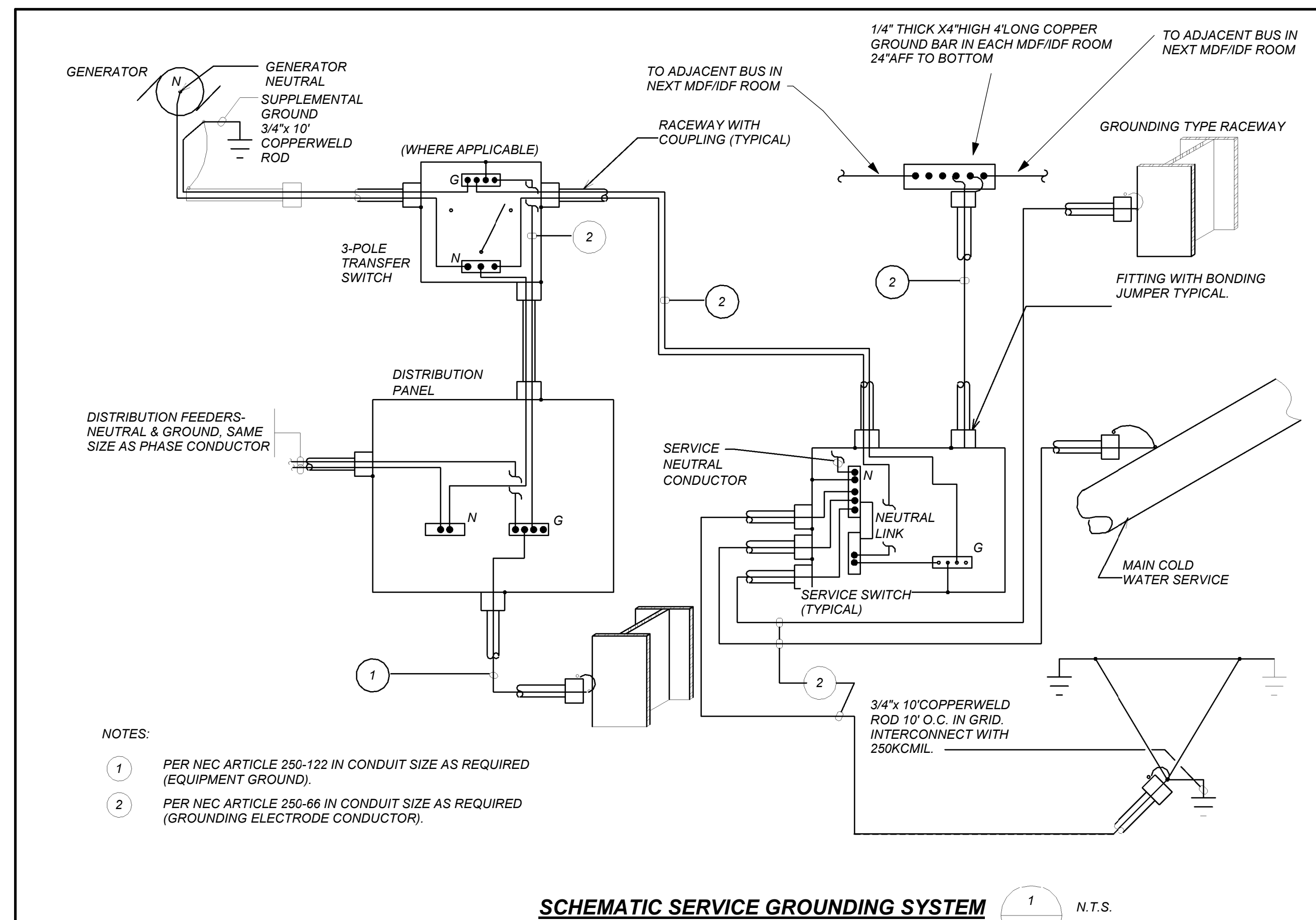
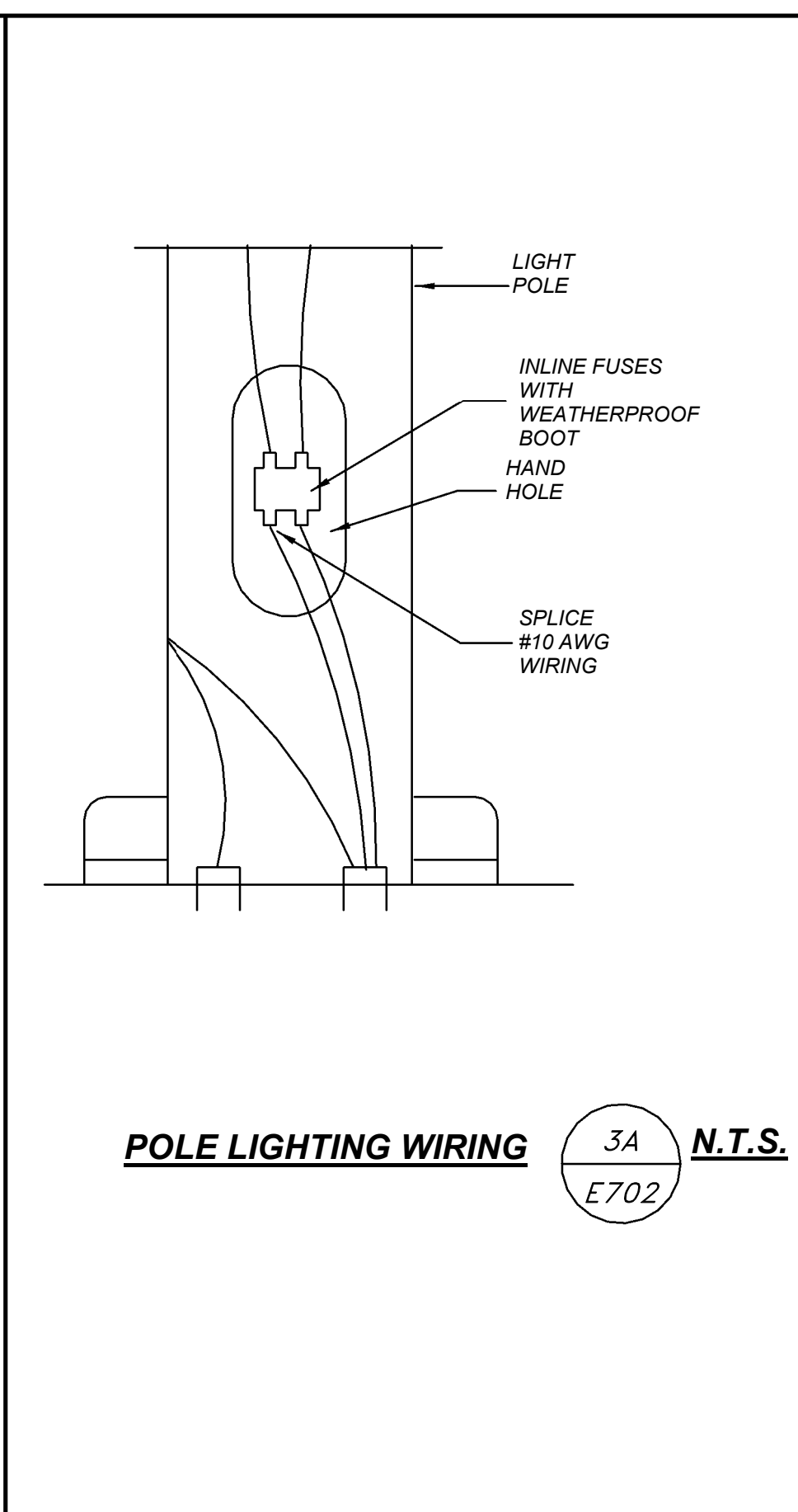
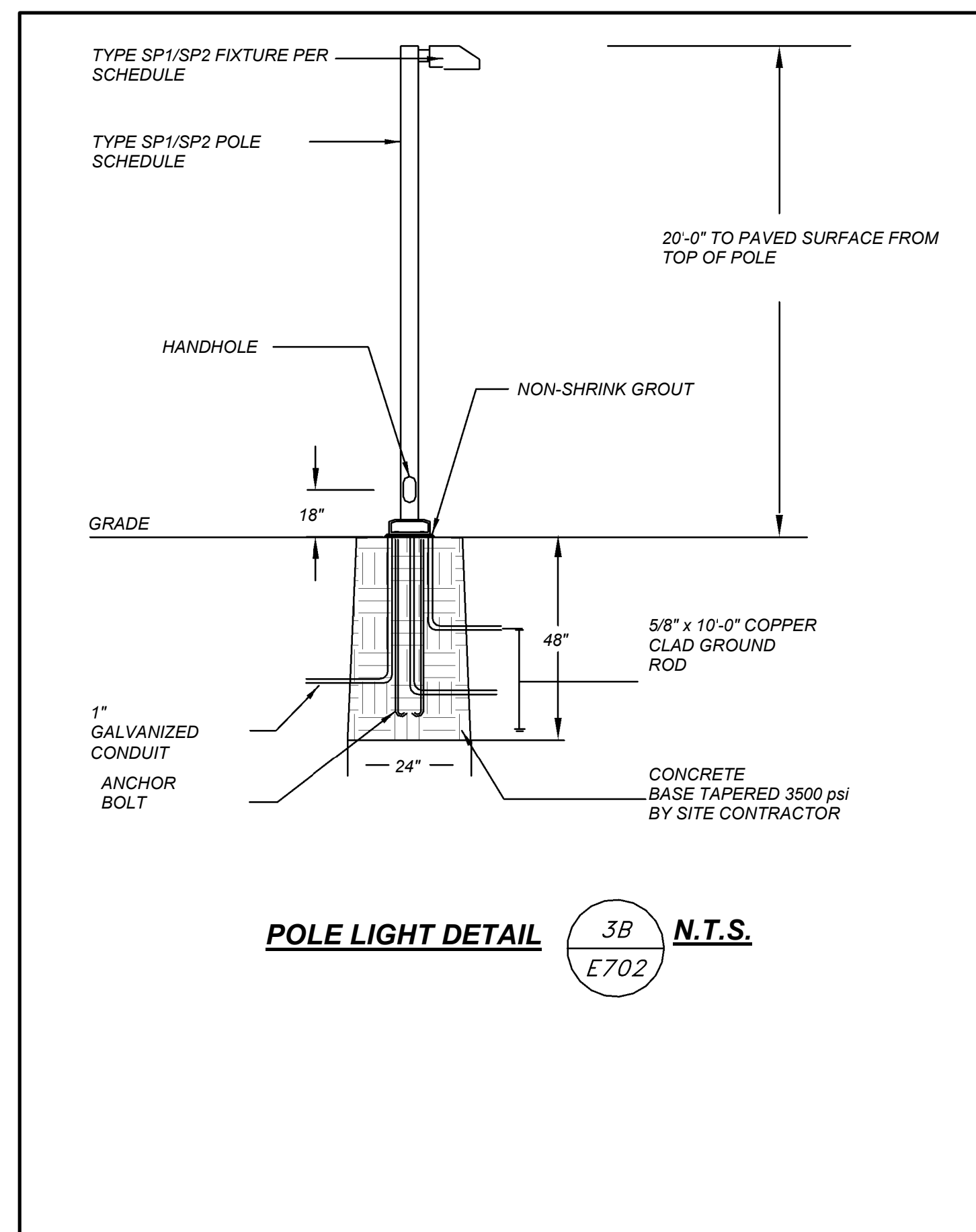
Professional Seal

| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYSED |
| 3 | 11/01/2021 | ISSUED TO BID |
| 4 | 01/13/2022 | CONFORMED SET |

Sheet Title

ELECTRICAL DETAILS

| | | | |
|--------------|-------------|-----------------|------------------|
| Job No. | 2019-1026 | Date | 05/17/21 |
| Scale | AS NOTED | Drawn / Checked | Author / Checker |
| Sheet Number | E701 | | |



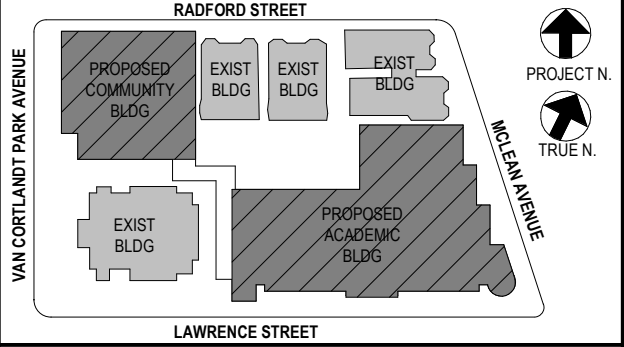
NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.288.0999 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANKER GARBETT & ASSOCIATES ARCHITECTS PC HEREIN AND HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF AGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-1.5(b) OF NEW YORK STATE LAW. COPYRIGHT ANKER GARBETT & ASSOCIATES ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

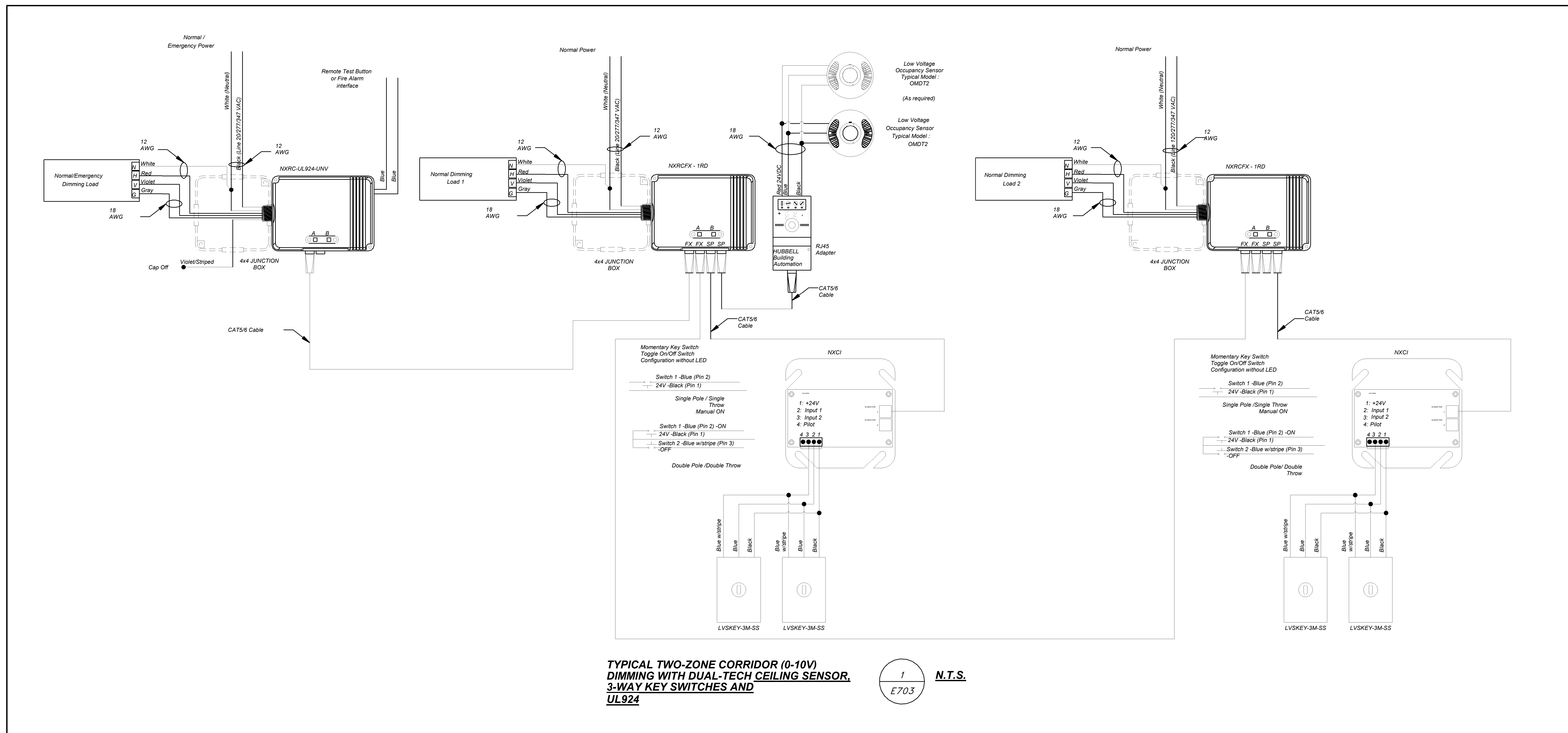
| No. | Date | Issue |
|-----|------------|-------------------------|
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Sheet Title
ELECTRICAL DETAILS

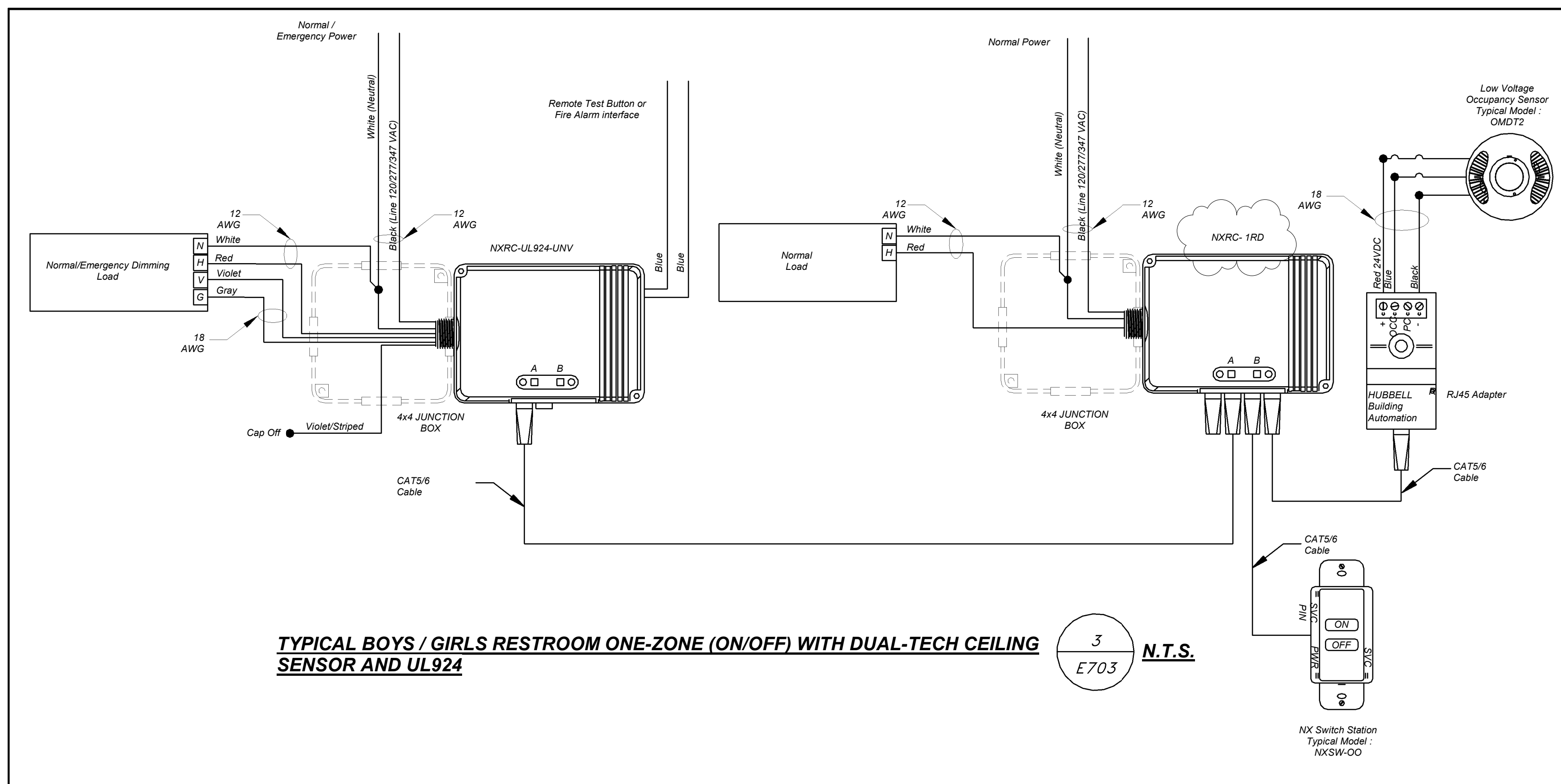
Job No. 2019-1026 Date 8/31/20
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

E702

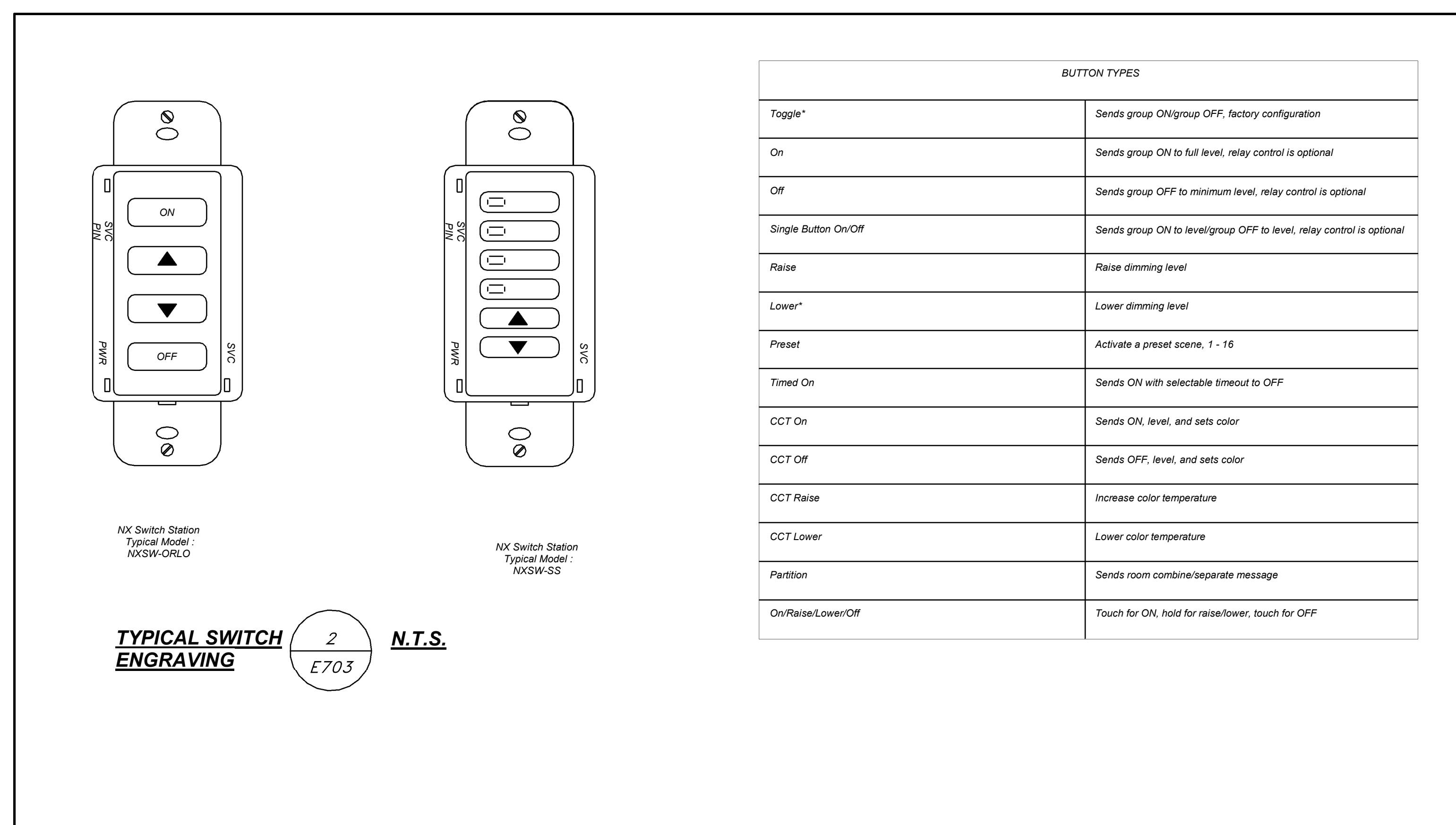
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



TYPICAL TWO-ZONE CORRIDOR (0-10V) DIMMING WITH DUAL-TECH CEILING SENSOR, 3-WAY KEY SWITCHES AND UL924 1 N.T.S. E703



TYPICAL BOYS / GIRLS RESTROOM ONE-ZONE (ON/OFF) WITH DUAL-TECH CEILING SENSOR AND UL924 3 N.T.S. E703



TYPICAL SWITCH ENGRAVING 2 N.T.S. E703

| | | |
|---|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | ADDENDUM 4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

No. Date Issue

Sheet Title

ELECTRICAL DETAILS

Job No. 2019-1026 Date 05/17/21

Scale AS NOTED Drawn / Checked Author Checker

Sheet Number

E703

NEW COMMUNITY SCHOOL AT THE ST DENIS SITE

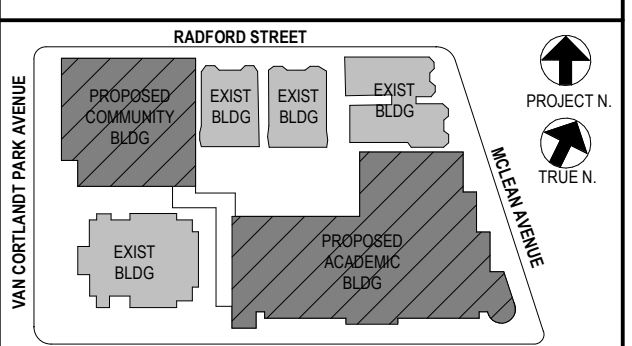
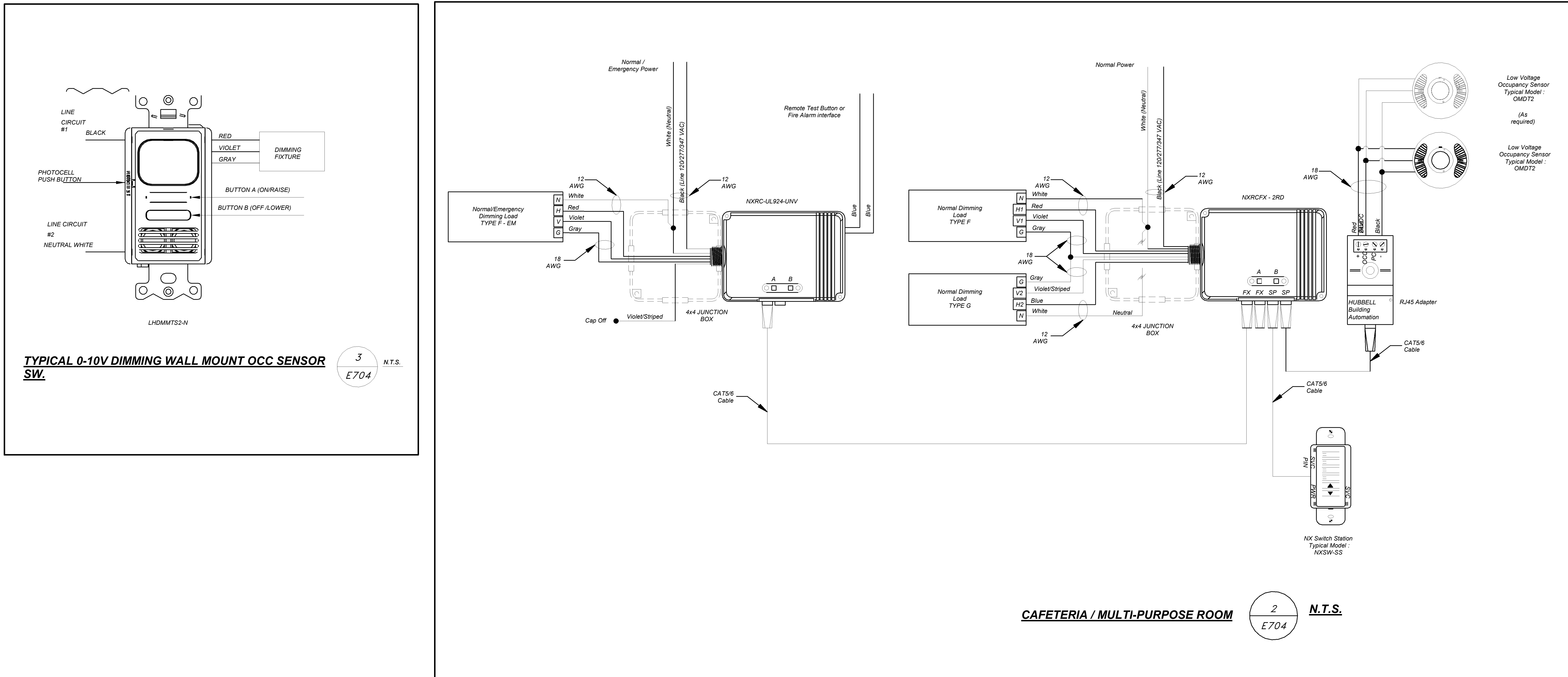
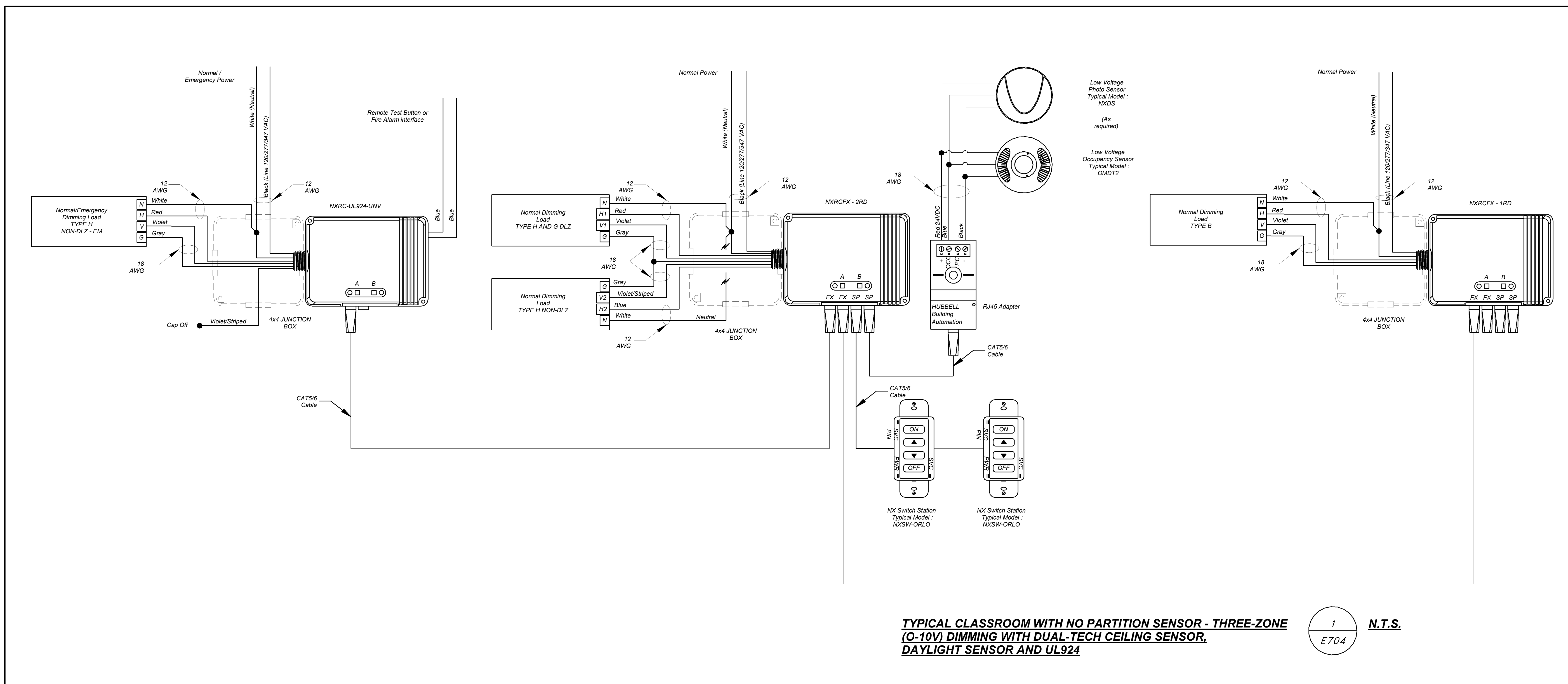
YONKERS JOINT SCHOOL CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10540
P.914.686.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
99 MARBLE AVE. PLEASANTVILLE, NY 10570
914.328.0099 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL LOCAL ZONING, ORDINANCES AND REGULATIONS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ANEXER GARBETT & ASSOCIATES ARCHITECTS, PC. THESE ARE HEREIN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH ZONING, ORDINANCES, REGULATIONS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF ANEXER GARBETT & ASSOCIATES ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 17-1.5 OF NEW YORK STATE LAW. COPYRIGHT ANEXER GARBETT & ASSOCIATES ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

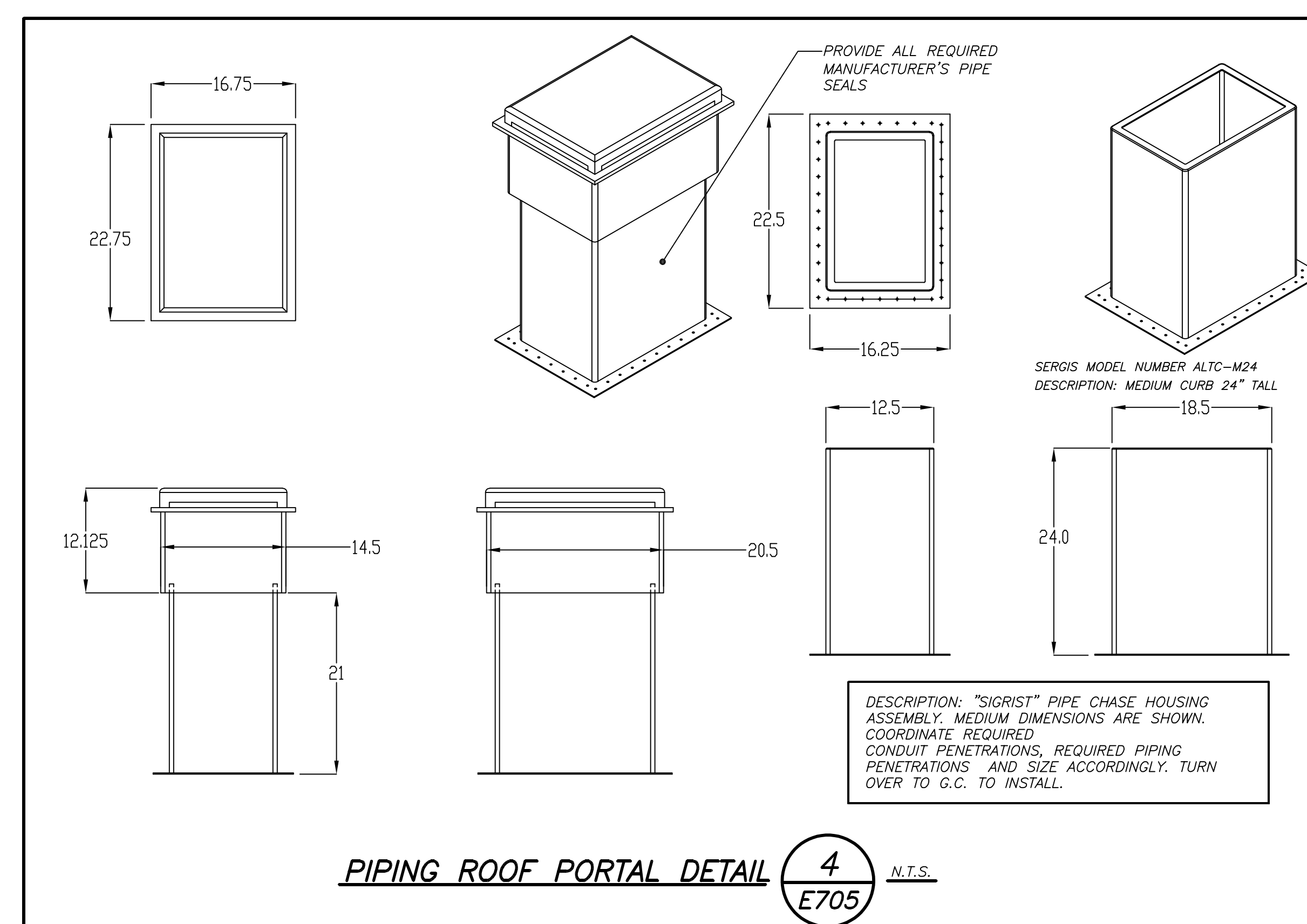
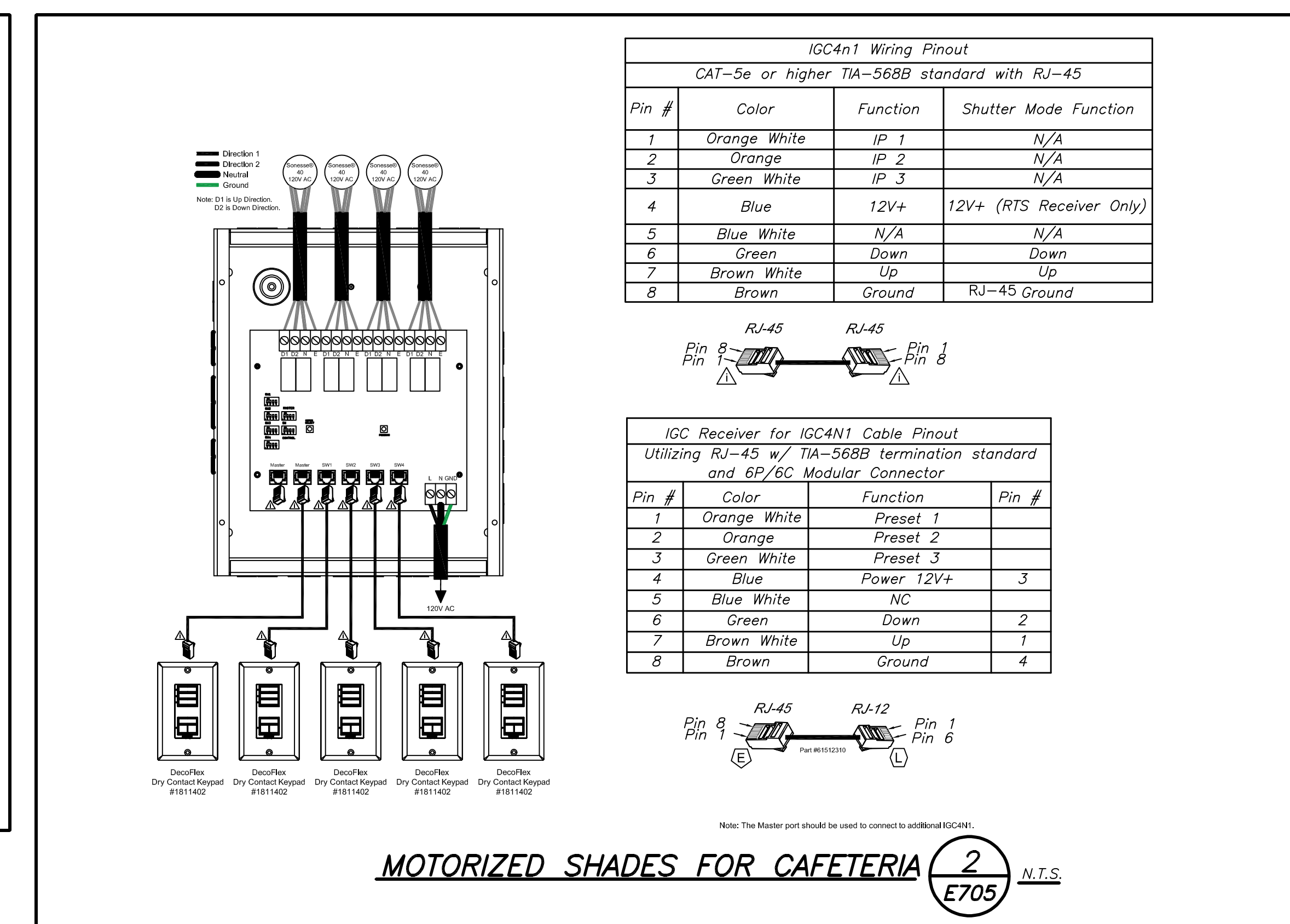
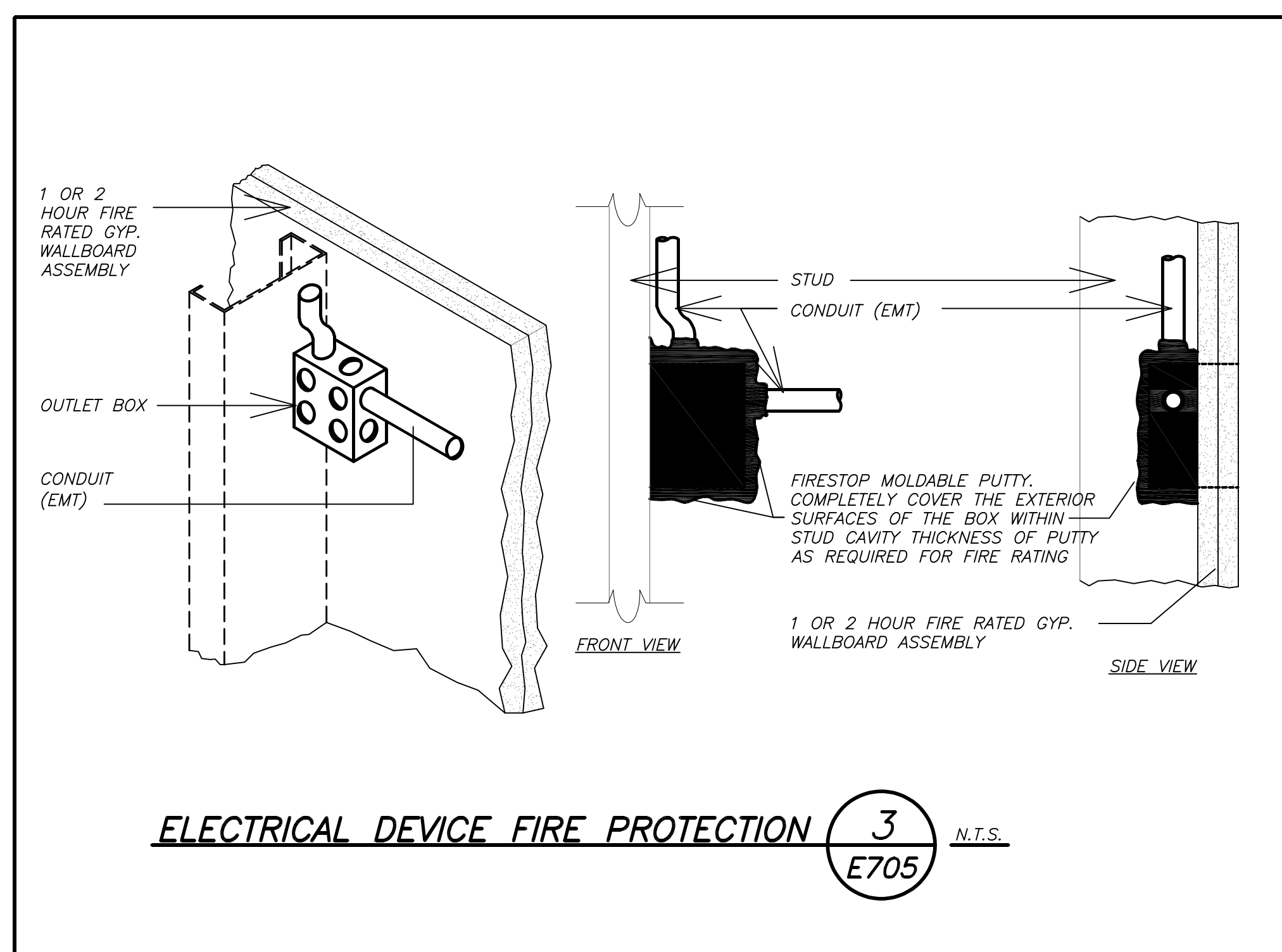
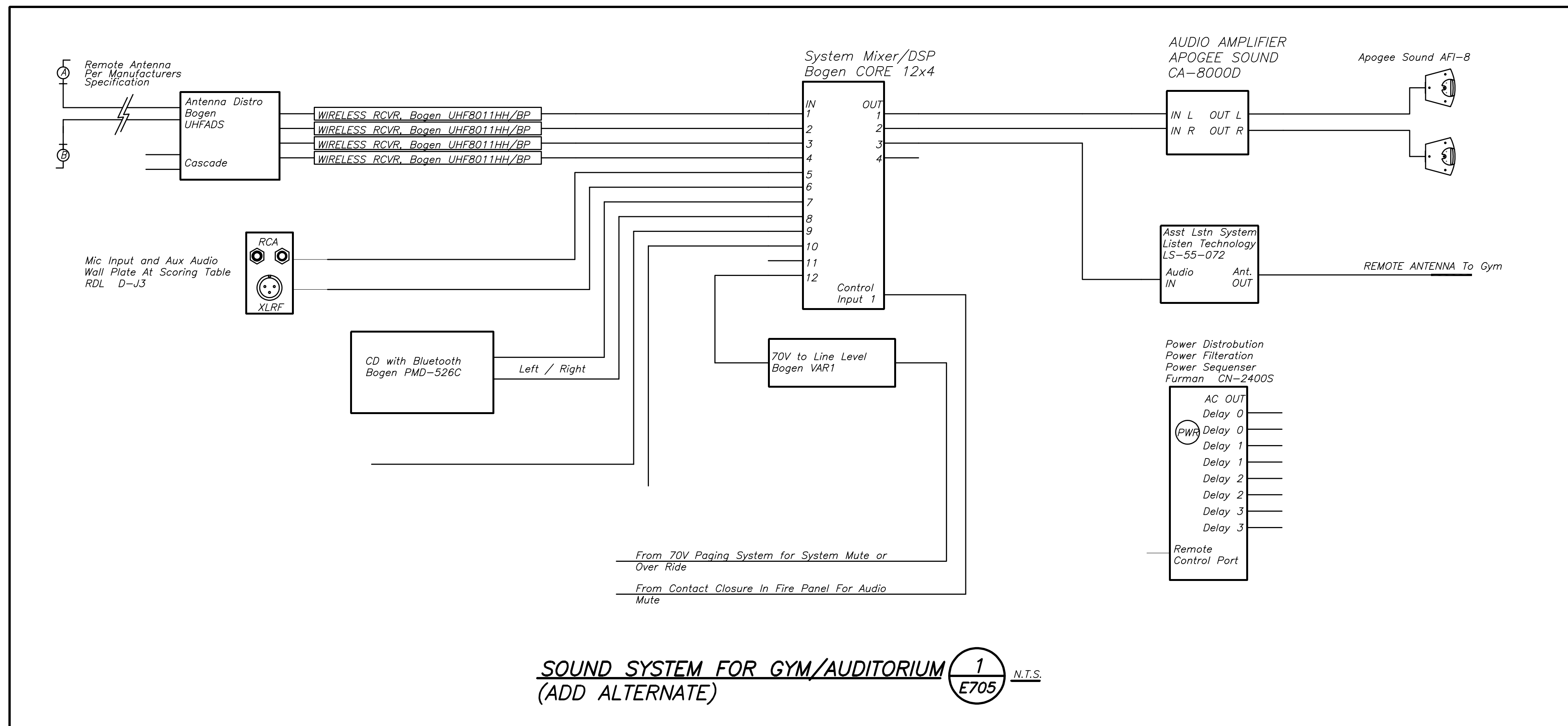
| | | |
|-----|------------|-------------------------|
| No. | Date | Issue |
| 4 | 01/13/2022 | CONFORMED SET |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 07/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

ELECTRICAL DETAILS

Job No. 2019-1026 Date 05/17/21
Scale AS NOTED Drawn / Checked Author Checker

Sheet Number
E704

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



NEW COMMUNITY SCHOOL AT THE ST DENIS SITE
 YONKERS JOINT SCHOOL CONSTRUCTION BOARD
 121 McLEAN AVENUE
 YONKERS, NY 10705

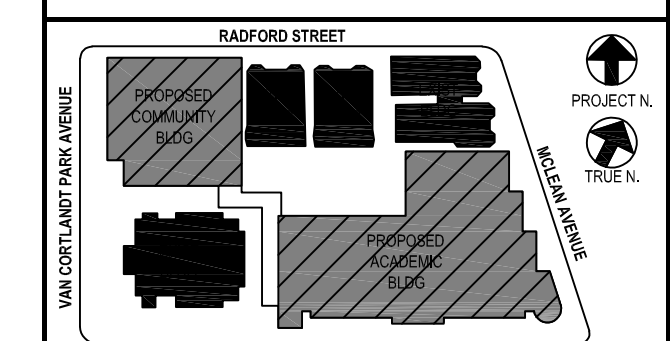
KG+D listen imagine build
 KG+D . ARCHITECTS PC
 285 MAIN STREET MOUNT KISCO . NEW YORK . 10549
 P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CONSTRUCTION DOCUMENTS

bga
 BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
 39 MARBLE AVE. PLEASANTVILLE, NY 10570
 914.328.0660 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



NOTE: ALL IDEAS, DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE THE PROPERTY OF KATYER GARMENT & DAVIDSON ARCHITECTS PC (KGD), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF THIS DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR FOR ANY OTHER PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGD.

WRITTEN PERMISSION ON THE DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED BY ARCHITECT THROUGH PROFESSIONAL SEAL IS AFFIXED HERETO IS A VIOLATION OF THE E.O. 14176 (E.O. 14176 OF NEW YORK STATE LAW) COPYRIGHT KATYER GARMENT & DAVIDSON ARCHITECTS & ENGINEERS PC. ALL RIGHTS RESERVED.

Professional Seal

| No. | Date | Issue |
|-----|------------|-------------------------|
| 5 | 01/13/2022 | CONFORMED SET |
| 4 | 12/10/2021 | BID ADDENDUM #4 |
| 3 | 11/01/2021 | ISSUED TO BID |
| 2 | 10/14/2021 | CONSTRUCTION DOCS-NYS&D |
| 1 | 12/15/2020 | DESIGN DEVELOPMENT |

Professional Seal

ELECTRICAL DETAILS

| | |
|-----------|-----------------|
| Job No. | Date |
| 2019-1026 | 11/18/20 |
| Scale | Drawn / Checked |
| AS NOTED | BGA/BGA |

Sheet Number

E705

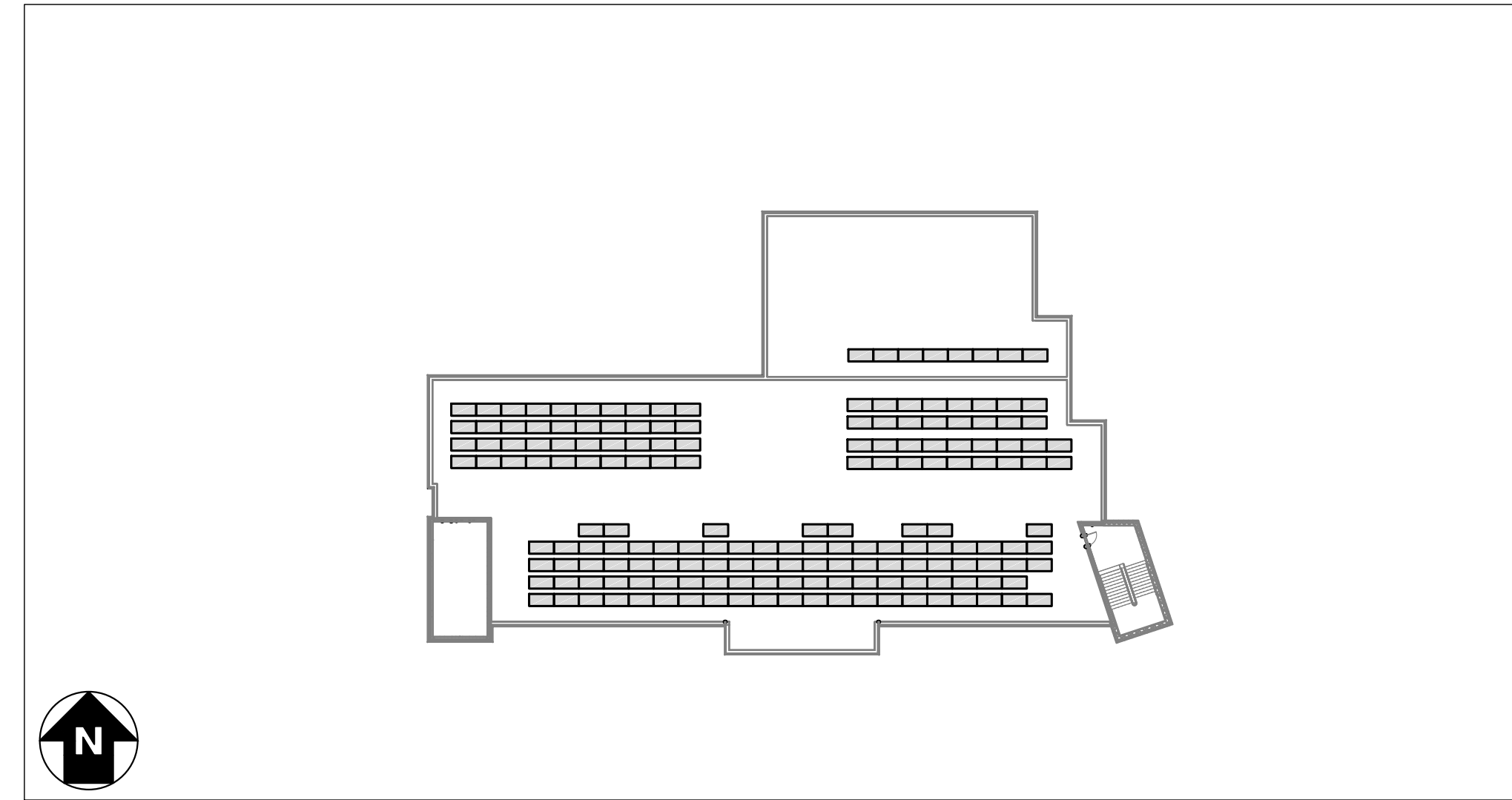
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL

121 MCLEAN AVENUE, YONKERS, NEW YORK 10705



LOCATION MAP
SCALE: 1" = 1000'



SYSTEM PLAN
SCALE: 1" = 40'

TOTAL SYSTEM SUMMARY:

| | |
|------------------------|-----------------|
| TOTAL DC SYSTEM SIZE: | 76.12 kWDC |
| AC SYSTEM SIZE: | 72.00 kWAC |
| MODULE MANUFACTURER: | CANADIAN SOLAR |
| MODULE MODEL: | CS3W-440MB-AG |
| MODULES PER STRING: | 12, 13 & 14 |
| MODULE QUANTITY: | 173 |
| STRING QUANTITY: | 13 |
| MODULE TILT: | 10° |
| MODULE AZIMUTH: | 153° |
| INVERTER MANUFACTURER: | SOLAREEDGE |
| INVERTER MODEL: | SE14.4KUS |
| INVERTER QUANTITY: | 5 |
| OPTIMIZER MODEL: | SOLAREEDGE P505 |
| OPTIMIZER QUANTITY: | 188 |

SCOPE OF WORK SUMMARY

- ROOFTOP PV ARRAY:**
- INSTALL SOLAR MODULES AND ROOFTOP RACKING SYSTEM ON TOP OF EXISTING BUILDING.
 - INSTALL INVERTERS AND ELECTRICAL DISTRIBUTION EQUIPMENT.
 - INTERCONNECT AT NEW ELECTRICAL DISTRIBUTION EQUIPMENT.

DEVELOPER:



BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 MARBLE AVE PLEASANTVILLE, NY 10570
914.324.6060 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

39 MARBLE AVENUE
PLEASANTVILLE, NY 10570

ENGINEERED BY:



111 RIVER STREET, SUITE 1110
HOBOKEN, NEW JERSEY, 07030

DRAWING INDEX

| GENERAL | | | | | | | | | |
|------------|--------------------------------|---|---|--|--|--|--|--|--|
| PG001 | TITLE SHEET | ● | ● | | | | | | |
| PG200 | ARRAY PLAN | ● | ● | | | | | | |
| PG300 | FIRE ACCESS PLAN | ● | ○ | | | | | | |
| ELECTRICAL | | | | | | | | | |
| PE001 | ELECTRICAL NOTES & SYMBOL LIST | ● | ○ | | | | | | |
| PE100 | AC ELECTRICAL PLAN | ● | ○ | | | | | | |
| PE200 | DC ELECTRICAL PLAN | ● | ● | | | | | | |
| PE300 | ONE LINE DIAGRAM | ● | ○ | | | | | | |
| PE310 | SCHEDULES & CALCULATIONS | ● | ● | | | | | | |
| PE401 | GROUNDING DETAILS | ● | ○ | | | | | | |
| PE402 | ELECTRICAL DETAILS | ● | ○ | | | | | | |
| PE500 | LABELS & SIGNAGE | ● | ○ | | | | | | |
| PE600 | EQUIPMENT DATA SHEETS | ● | ○ | | | | | | |

LEGEND:

| | |
|--|---|
| UPDATED DRAWING ISSUED | ● |
| UNCHANGED, PREVIOUSLY ISSUED DRAWING STILL CURRENT | ○ |
| DRAWING REMOVED FROM SET | x |

| | | | |
|---------------|-------------|-----------|-------|
| DRAWING TITLE | TITLE SHEET | DRAWING # | PG001 |
|---------------|-------------|-----------|-------|

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
121 MCLEAN AVE
YONKERS, NY 10705

DC SYSTEM SIZE: 76.12 KW
AC SYSTEM SIZE: 72.00 KW
MODULE TYPE: CS3W-440MB-AG
MODULE QUANTITY: 173
STRING QUANTITY: 13
GENERATION: 1.0

DEVELOPER: BARILE GALLAGHER & ASSOCIATES CONSULTING ENGINEERS

ENGINEER: BARILE GALLAGHER & ASSOCIATES CONSULTING ENGINEERS

DATE: 10/08/2021
10/08/2021
07/14/2021

REVISION DESCRIPTION: PM ENG CHK
SED SUBMISSION REV1
SED SUBMISSION

PAGE SIZE: 36" x 24"
PROJECT #: 01541

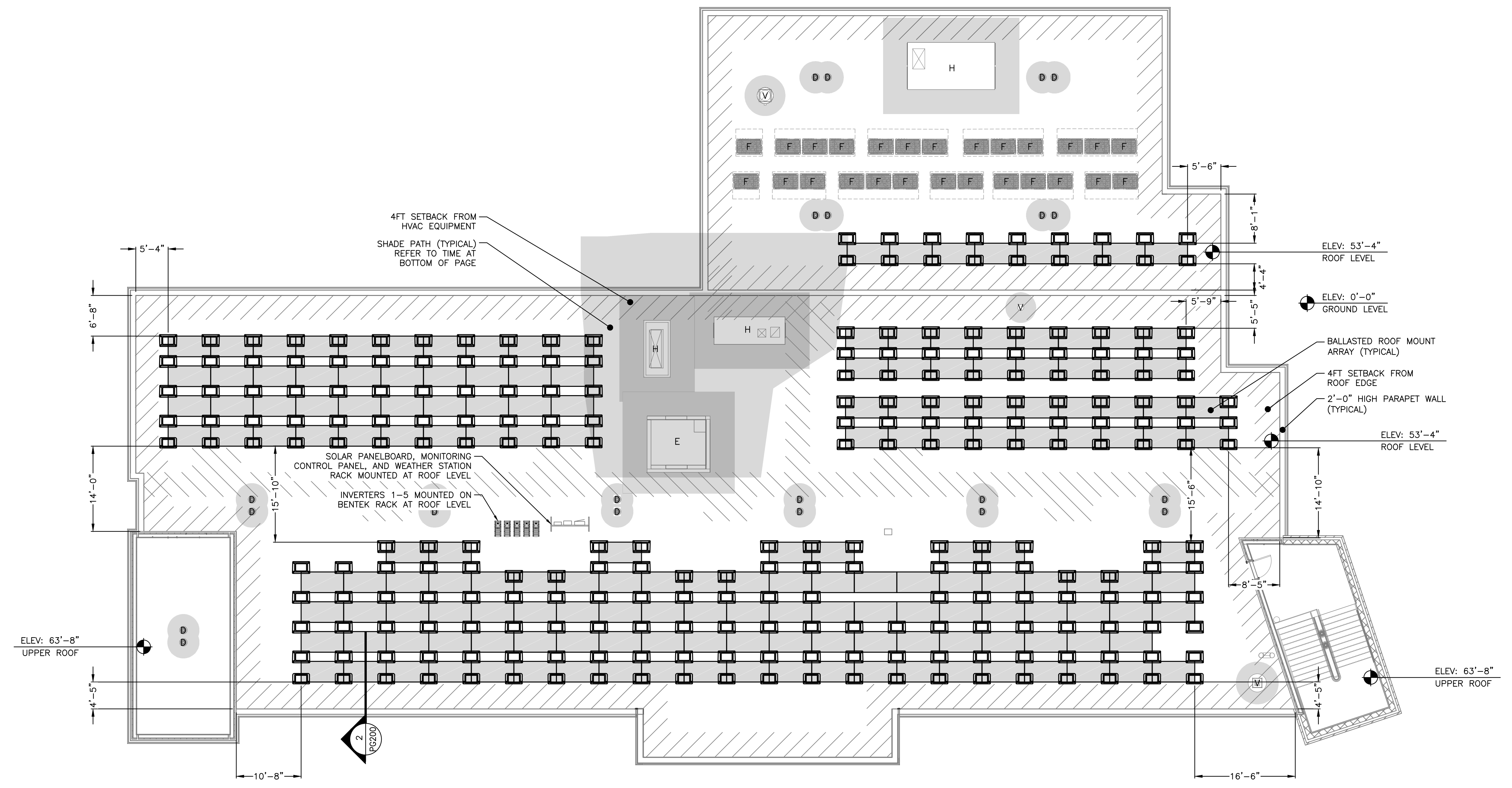
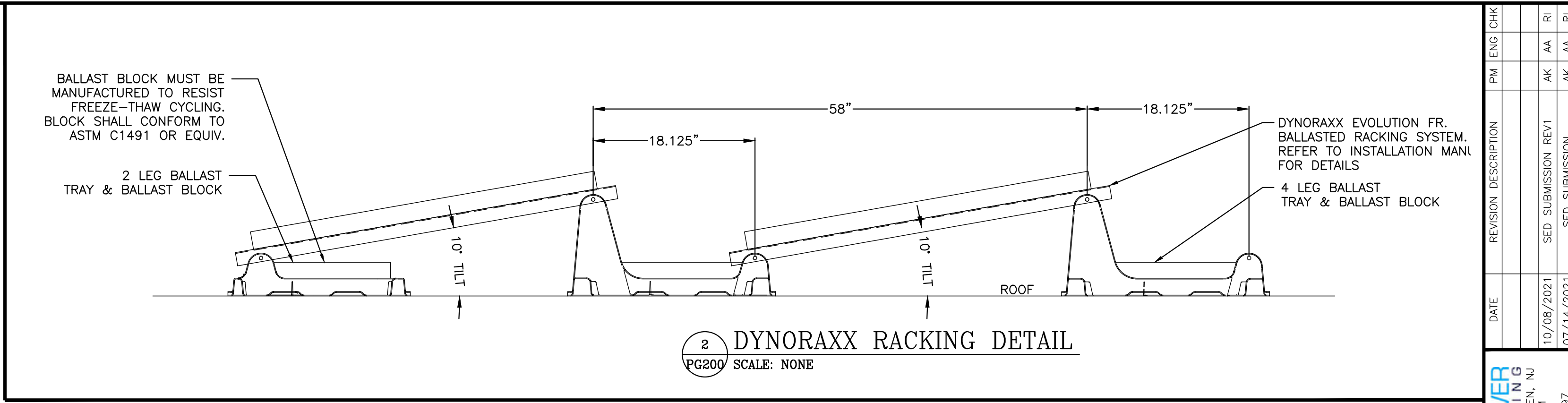
PUREPOWER ENGINEERING
111 RIVER STREET, SUITE 1110
HOBOKEN, NJ 07030
WWW.PUREPOWER.COM

SEAL OF NEW YORK STATE ENGINEER
RICHARD A. JINIS
LICENSE NO. 131197

RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
PLOT DATE: 10/08/2021 4:44 PM

RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

PLOT DATE: 10/09/2021 4:44 PM



IMPORTANT:
DO NOT STEP OR KNEEL
ON PV MODULES

1 OVERALL ARRAY PLAN
PG200 SCALE: 1" = 10'-0"

SHADING ZONES:
WINTER: 10:00-2:00
SPRING: 9:00-3:00
SUMMER: 8:00-4:00

LEGEND (EXISTING ITEMS):
A ACCESS
D DRAIN
F FAN
H HVAC
V VENT

NOTE: ELEVATIONS ARE APPROXIMATE AND SHOWN TO LOCAL GRADE. ADJUSTED VALUES MAY BE APPROPRIATE FOR STRUCTURAL ANALYSIS.
NOTE: DIMENSIONS ARE APPROXIMATE AND SHOWN TO RACKING RAILS.

| | |
|--------------------|-----------|
| DRAWING TITLE | DRAWING # |
| OVERALL ARRAY PLAN | PG200 |

| | |
|----------------------|---|
| PROJECT | 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL 121 MCCLEAN AVE YONKERS, NY 10705 |
| DC SYSTEM SIZE: | 76.12 KW |
| AC SYSTEM SIZE: | 72.00 KW |
| MODULE TYPE: | CS3W-440MB-AG |
| MODULE QUANTITY: | 173 |
| STRING QUANTITY: | 13 |
| ORIENTATION: | 19 TILT, 153 AZIMUTH |
| DEVELOPER | BARILE GALLAGHER & ASSOCIATES CONSULTING ENGINEER |
| PAGE SIZE | 3.6" x 24" |
| PROJECT # | 01541 |
| DATE | 10/09/2021 |
| REVISION DESCRIPTION | PM LENG CHK |
| DATE | 10/09/2021 |
| REVISION DESCRIPTION | AK AA RI |
| DATE | 07/14/2021 |
| REVISION DESCRIPTION | AK AA RI |

PUREPOWER
111 RIVER STREET
PLEASANTVILLE, NY 10570
WWW.PUREPOWER.COM

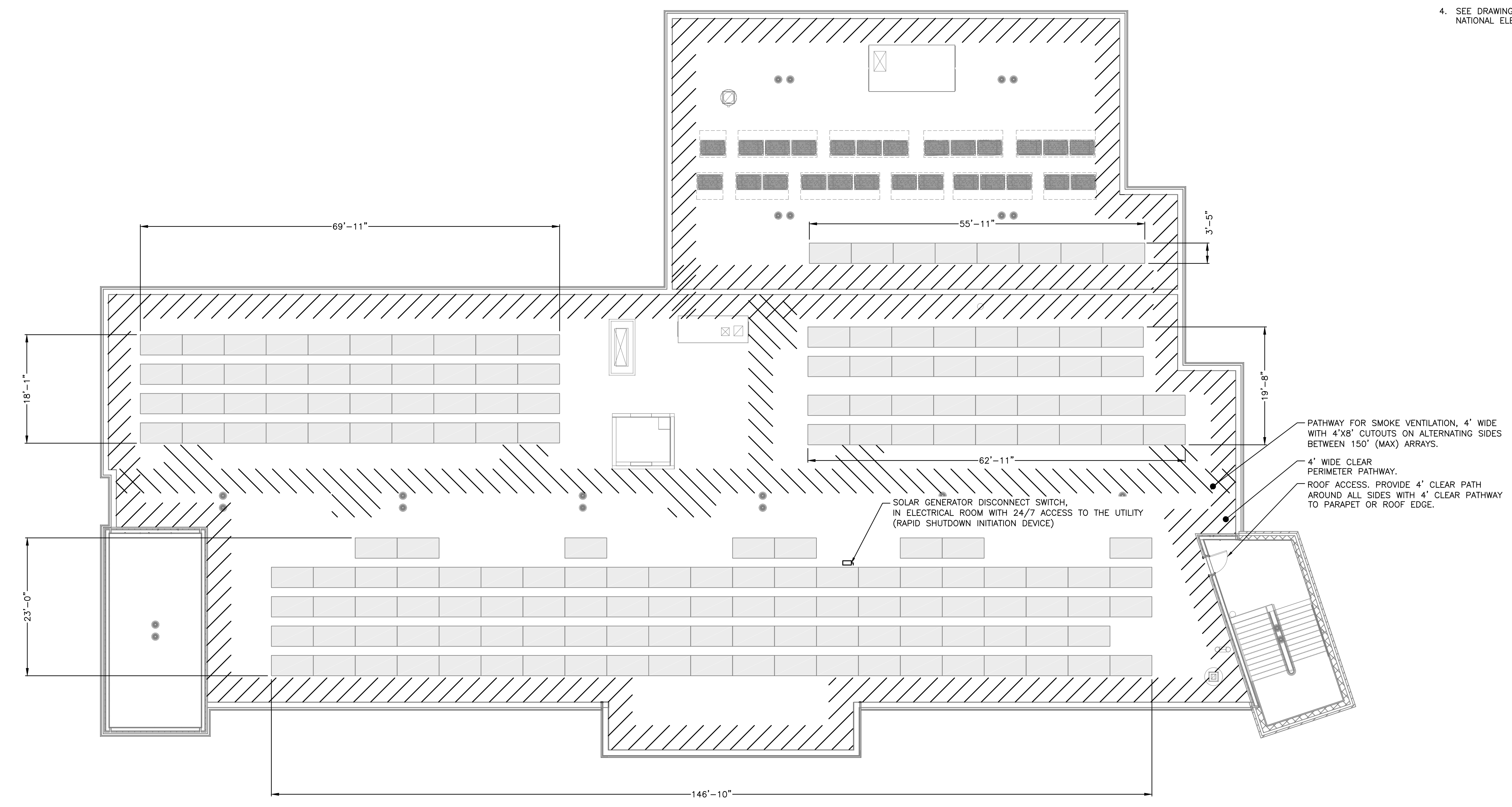


BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEER
30 PLEASANTVILLE, NY 10570
WWW.BGA-ENG.COM

RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

FLAT ROOF FIRE CODE REFERENCES

| REQUIREMENT | IFC 2015 | IFC 2018 | NFPA 1 2012 / 2015 | NFPA 1 2018 |
|---|----------------------|------------------|--------------------|------------------|
| 4' CLEAR PERIMETER (≤250') | 605.11.3.1 EXCPT | 1204.3.1 EXCPT | 11.12.2.2.3.1 | 11.12.2.2.3.1 |
| 6' CLEAR PERIMETER (>250') | 605.11.3.1 | 1204.3.1 | 11.12.2.2.3.1 | 11.12.2.2.3.1 |
| ROOF ACCESS HATCH: | | | | |
| 4' AROUND ALL SIDES & 4' PATH TO ROOF EDGE | 605.11.1.3.2(4) | 1204.3.2(3) | 11.12.2.2.3.2(5) | 11.12.2.2.3.2(2) |
| ARRAYS 150' MAX (BETWEEN PATHS) | 605.11.1.3.3(1) | 1204.3.2(1) | 11.12.2.2.3.3.1 | 11.12.2.2.3.2(3) |
| 8' PATHS | 605.11.3.3(2)(2.1) | 1204.3.3(2)(2.1) | 11.12.2.2.3.3.2(1) | 11.12.2.2.3.3(1) |
| 4' PATH WITH 4X8 CUTOUTS EVERY 20' ON ALT. SIDES | 605.11.3.3(2)(2.4) | 1204.3.3(2)(2.3) | 11.12.2.2.3.3.2(3) | 11.12.2.2.3.3(3) |
| SMOKE VENTS - NON-GRAVITY (MECHANICAL): | | | | |
| 4' STRAIGHT PATH TO & 4' AROUND | 605.11.1.3.3(2)(2.3) | 1204.3.3(1) | 11.12.2.2.3.3.2(2) | 11.12.2.2.3.3 |
| SMOKE VENTS - GRAVITY (DROPOUT) & SKYLIGHTS: 4' STRAIGHT PATH TO ONE SIDE | 605.11.1.3.3(2)(2.2) | 1204.3.3(2)(2.2) | 11.12.2.2.3.3.2(2) | 11.12.2.2.3.3(2) |
| ROOF STANDPIPES: | | | | |
| 4' STRAIGHT LINE PATH TO ONE SIDE | 605.11.1.3.2(3) | 1204.3.2(2) | 11.12.2.2.3.2(4) | 11.12.2.2.3.2(1) |
| "CENTERLINE" ACCESS | 605.11.1.3.2(2) | REMOVED | 11.12.2.2.3.2(2&3) | REMOVED |



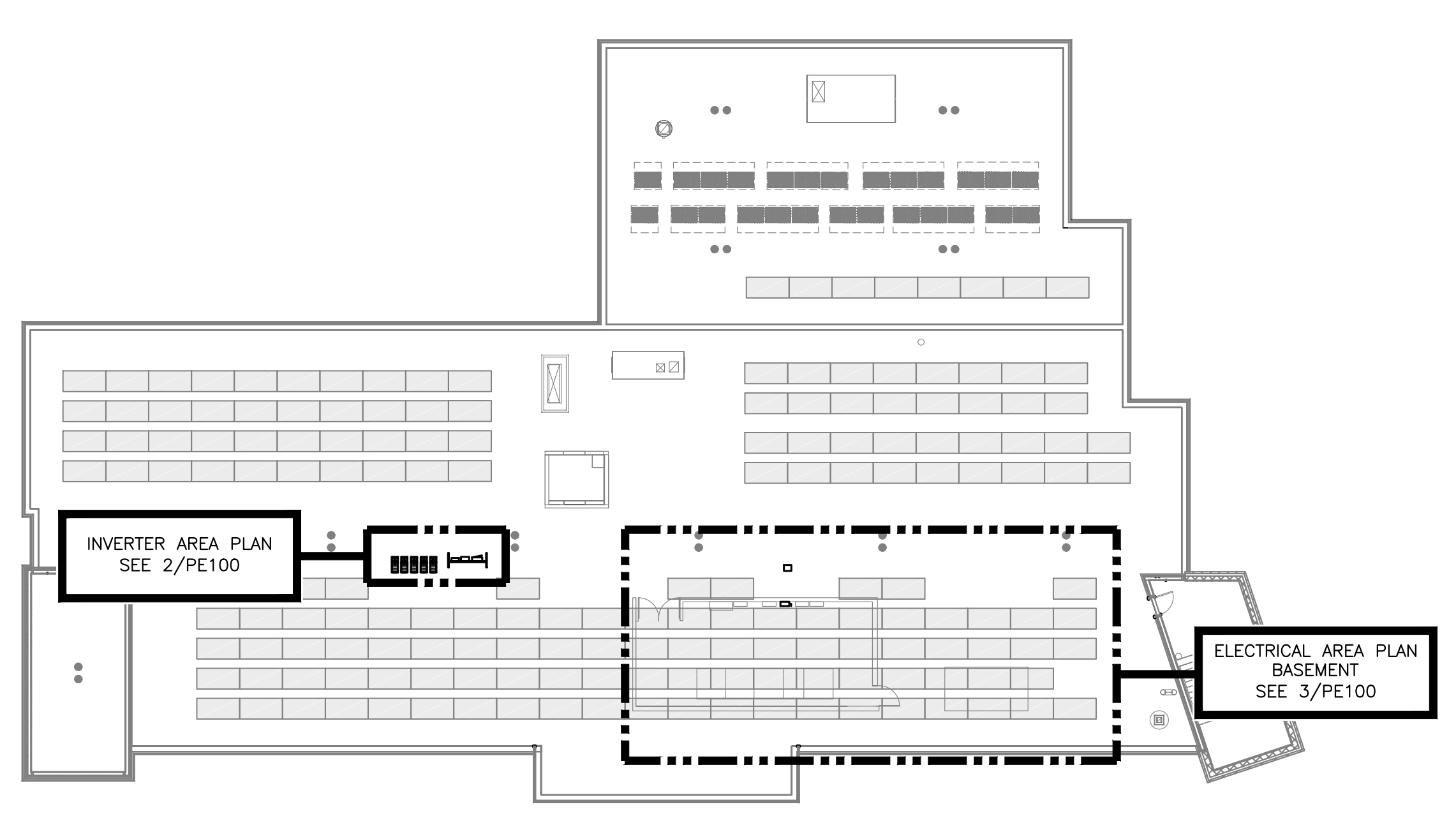
- NFPA 1 REQUIRED LABELS:**
- MAIN SERVICE DISCONNECT** - THE LABEL "WARNING: PHOTOVOLTAIC POWER SOURCE" SHALL BE PERMANENTLY AFFIXED TO THE MAIN SERVICE DISCONNECT. LABEL SHALL BE RED WITH WHITE CAPITAL LETTERS AT LEAST 3/4" HIGH IN NONSERIF FONT. MATERIAL SHALL BE REFLECTIVE, WEATHER RESISTANT, AND SUITABLE FOR THE ENVIRONMENT. (NFPA 1: 11.12.2.1.1)
 - INVERTER DISCONNECTS** - THE LABEL "PHOTOVOLTAIC DISCONNECT" SHALL BE AFFIXED TO EACH CIRCUIT BREAKER PANEL SERVING THE INVERTERS. LABEL SHALL BE CONTRASTING COLOR WITH CAPITAL LETTERS AT LEAST 3/8" HIGH IN NONSERIF FONT. THE LABEL SHALL BE CONSTRUCTED OF DURABLE ADHESIVE MATERIAL OR OTHER APPROVED MATERIAL. (NFPA 1: 11.12.2.1.2)
 - SOLAR RACEWAYS** - THE LABEL "PHOTOVOLTAIC POWER SOURCE" SHALL BE RED WITH WHITE CAPITAL LETTERS AT LEAST 3/8" HIGH IN NONSERIF FONT. LABELS SHALL BE PERMANENTLY AFFIXED ON ALL EXPOSED RACEWAYS, CABLE TRAYS, PULL BOXES, AND JUNCTION BOXES. LABELS SHALL BE SPACED NO GREATER THAN 10 FEET APART. MATERIAL SHALL BE REFLECTIVE, WEATHER RESISTANT, AND SUITABLE FOR THE ENVIRONMENT. (NFPA 1: 11.12.2.1.3)
 - SEE DRAWING E500 FOR ADDITIONAL LABELS REQUIRED BY THE NATIONAL ELECTRICAL CODE.

1 FIRE ACCESS PLAN - ROOF
 PG300 SCALE: 1" = 10'-0"

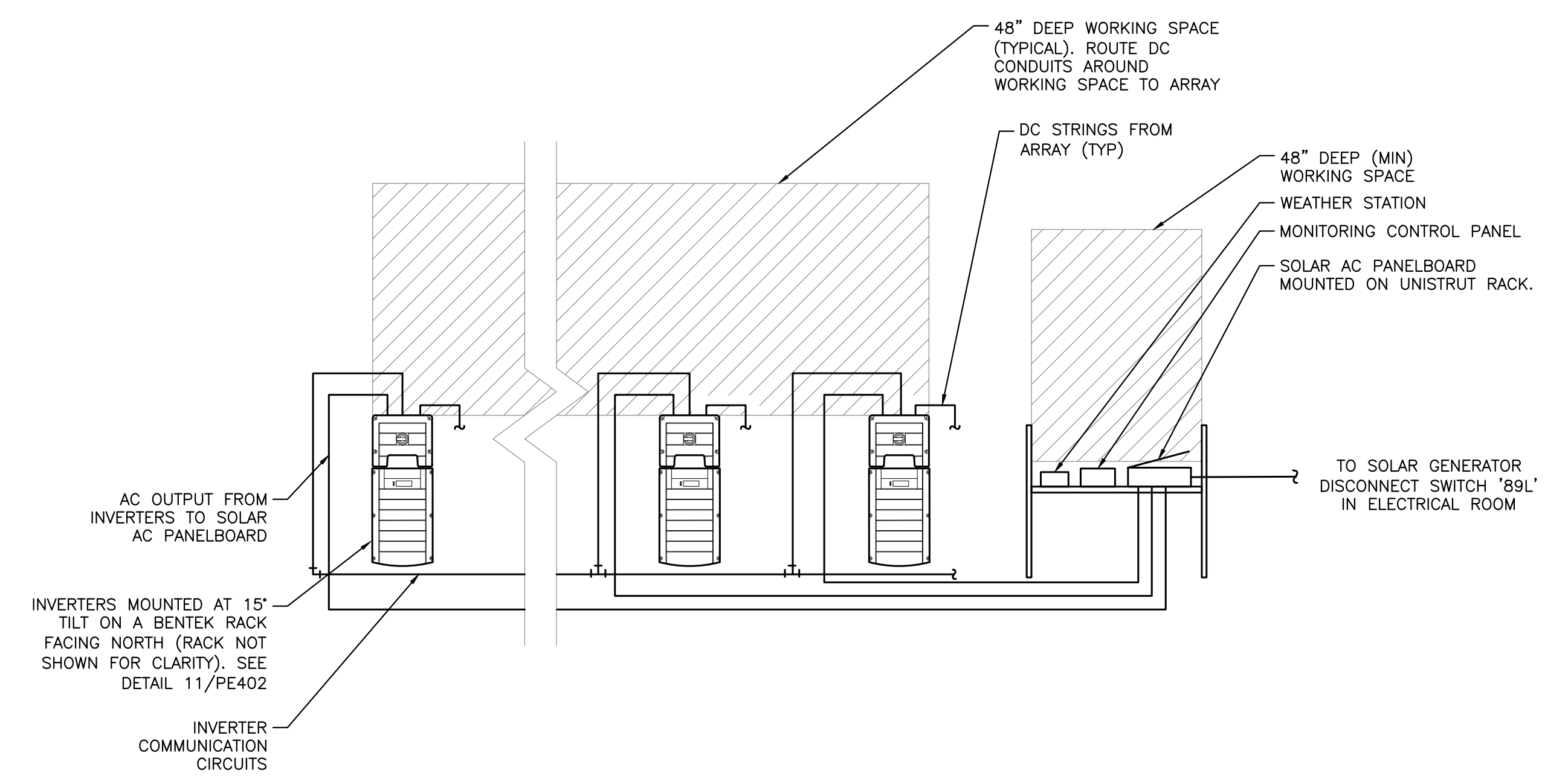
| | |
|------------------|-----------|
| DRAWING TITLE | DRAWING # |
| FIRE ACCESS PLAN | PG300 |

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
 121 MCCLEAN AVE
 YONKERS, NY 10705
 DC SYSTEM SIZE: 76.12 kW
 AC SYSTEM SIZE: 72.00 kW
 MODULE TYPE: CS3W-440MB-AG
 MODULE QUANTITY: 173
 STRING QUANTITY: 13
 ORIENTATION: 19° TILT, 153° AZIMUTH
 PAGE SIZE: 36" x 24"
 PROJECT #: 01541
 DEVELOPER: BARILE GALLAGHER & ASSOCIATES
 360 WEST 10TH STREET
 PLEASANTVILLE, NY 10570
 WWW.BGA-ENG.COM
 ENGINEER: BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEER
 LICENSE NO. 13008
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF NEW YORK
 PUREPOWER G
 111 RIVER STREET
 FREDENCK, NY
 WWW.PUREPOWER.COM
 RICHARD A. JONIS
 NY LICENSE NO. 051197
 DATE: 07/14/2021
 REVISION DESCRIPTION: PM LENG CHK
 AK AK RI
 SED SUBMISSION

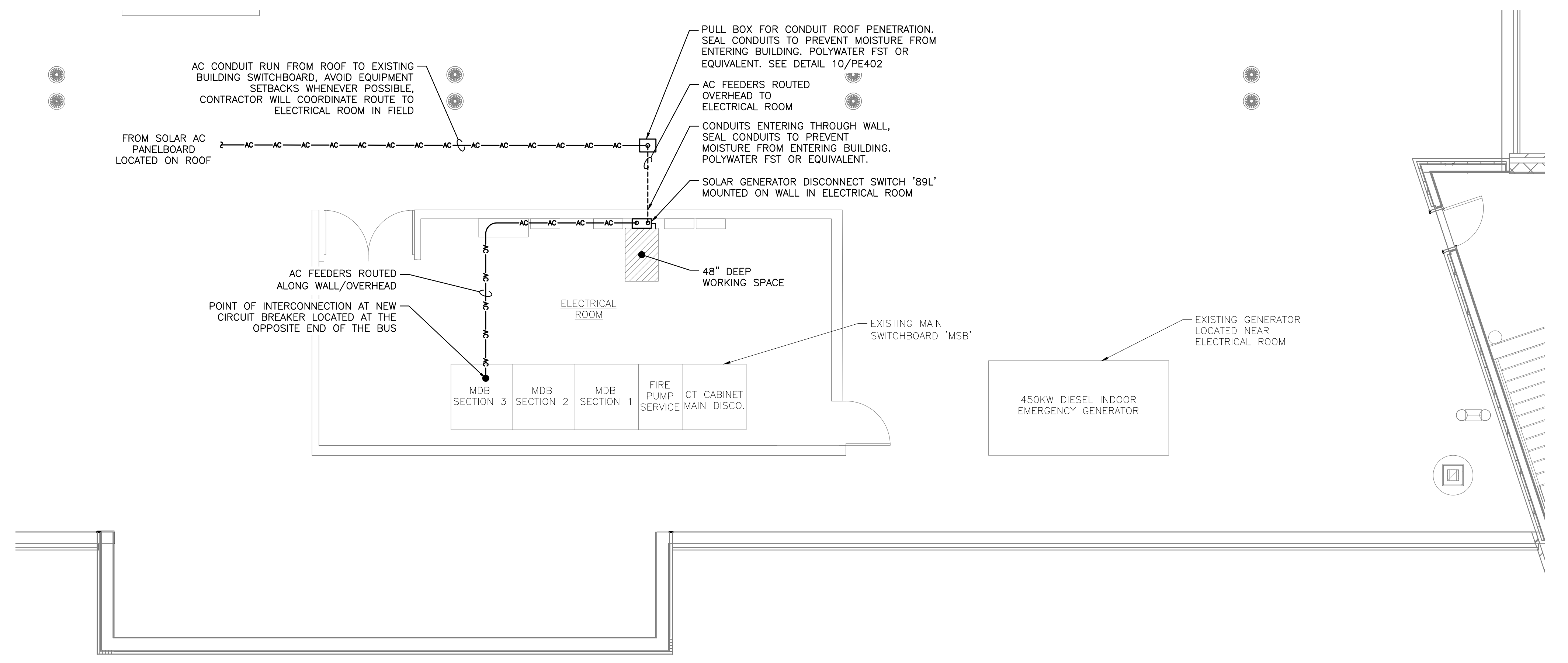
PLANT DATE: 10/26/2021 4:45 PM
RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



1 OVERALL AC ELECTRICAL PLAN
PE100 SCALE: 1" = 20'-0"



2 INVERTER AREA PLAN
PE100 SCALE: 1/2" = 1'-0"



3 ELECTRICAL AREA PLAN
PE100 SCALE: 3/16" = 1'-0"

LINETYPE LEGEND
—DC— DC CIRCUIT IN CONDUIT
—AC— AC CIRCUIT IN CONDUIT
—COM— COMMUNICATIONS

| | |
|---------------|--------------------|
| DRAWING TITLE | AC ELECTRICAL PLAN |
| DRAWING # | PE100 |

| | | | |
|--|---|----------------------|------------|
| PROJECT | 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL 121 MCCLEAN AVE YONKERS, NY 10705 | DATE | 07/14/2021 |
| DC SYSTEM SIZE: | 76.12 KW | REVISION DESCRIPTION | |
| AC SYSTEM SIZE: | 72.00 KW | DATE | |
| MODULE TYPE: | CS3W-440MB-AG | PM ENG CHK | |
| MODULE QUANTITY: | 173 | | |
| STRING QUANTITY: | 13 | | |
| ORIENTATION: | 10° TILT, 153° AZIMUTH | | |
| DEVELOPER | BARILE CALLAGHER & ASSOCIATES CONSULTING ENGINEERS | | |
| PAGE SIZE | 3.6" x 24" | | |
| PROJECT # | 01541 | | |
| BARILE CALLAGHER & ASSOCIATES CONSULTING ENGINEERS 111 RIVER STREET ROCKEN IN WWW.PUREPOWER.COM RICHARD A. JINIS NY LICENSE NO. 051197 | | | |
| PUREPOWER 111 RIVER STREET ROCKEN IN WWW.PUREPOWER.COM RICHARD A. JINIS NY LICENSE NO. 051197 | | | |
| STATE OF NEW YORK LICENSED PROFESSIONAL ENGINEER NO. 13032 | | | |

RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

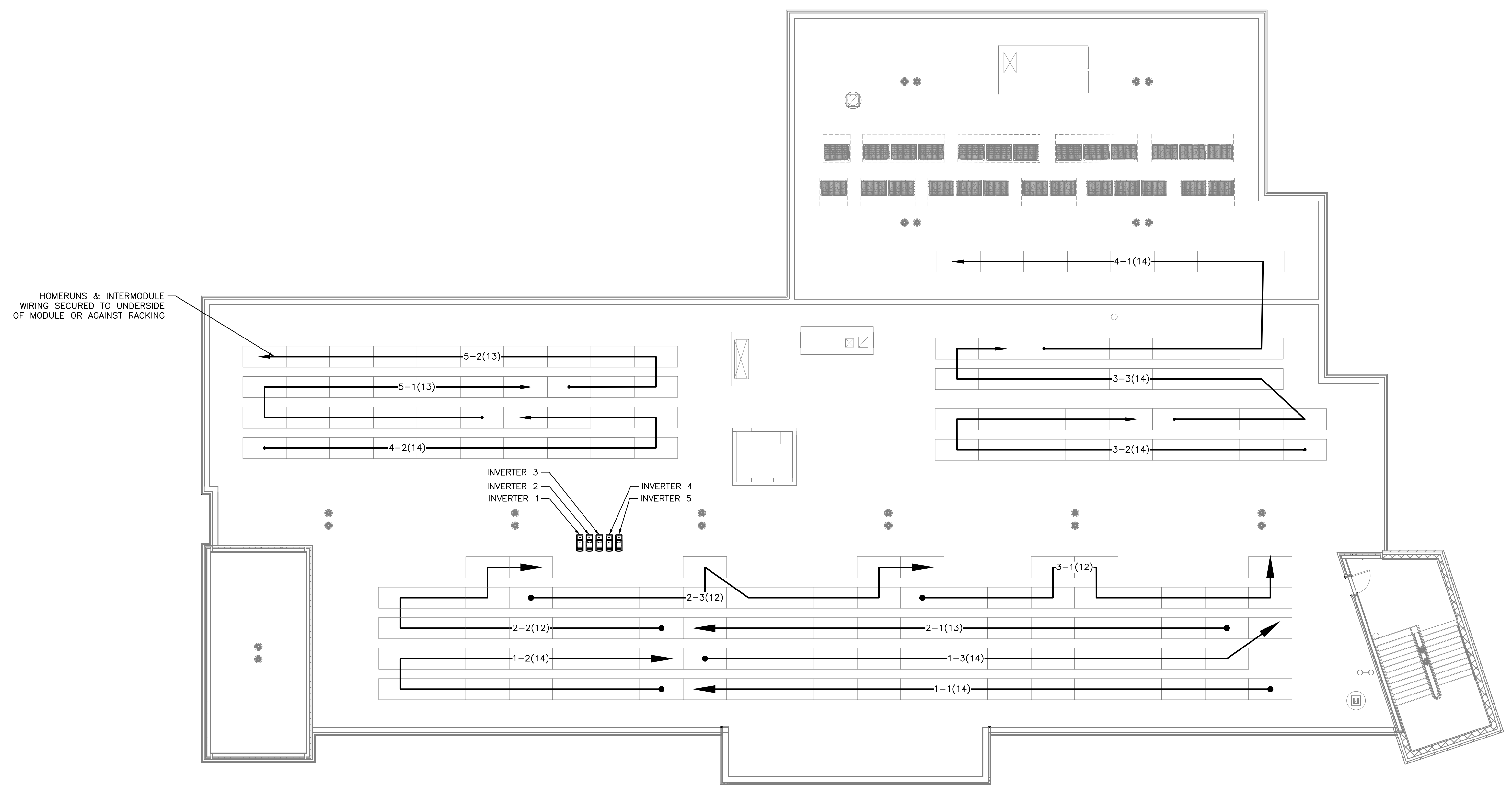
PLOT DATE: 10/26/2021 4:45 PM

| STRING SUMMARY | | | |
|----------------|--------------------|-----------------------|-----------------|
| INVERTER NAME | MODULES PER STRING | OPTIMIZERS PER STRING | STRING QUANTITY |
| 1 | 14 | 14 | 3 |
| 2 | 12 | 12 | 2 |
| | 13 | 13 | 1 |
| 3 | 12 | 12 | 1 |
| | 14 | 14 | 2 |
| 4 | 14 | 14 | 2 |
| 5 | 13 | 13 | 2 |

| CONDUIT FILL TABLE | | |
|---|---------------------------------------|------------------------------------|
| MAXIMUM NUMBER OF CU #8 PV WIRES (WITH ALLOWANCE FOR AN ADDITIONAL GROUND WIRE) | | |
| CONDUIT TRADE SIZE | CONDUIT LENGTH 24" OR LESS (60% FILL) | CONDUIT LENGTH OVER 24" (40% FILL) |
| 3/4" | 3 | 2 |
| 1" | 6 | 4 |
| 1.25" | 11 | 7 |
| 1.5" | 15 | 9 |
| 2" | 25 | 9 |
| 2.5" | 45 | 9 |
| 3" | 68 | 9 |
| 3.5" | 89 | 9 |
| 4" | 114 | 9 |

TABLE ASSUMING: EMT CONDUIT AND CU #8 PV WIRE WITH 0.31in O.D., 0.96 TEMP. DERATE
DC OPTIMIZER OUTPUT CIRCUIT WITH 15A OUTPUT, 3 IN PARALLEL, AND NO FUSES

NEC 690.12 RAPID SHUTDOWN NOTE:
THIS SYSTEM INCLUDES MODULE-LEVEL POWER ELECTRONICS WHICH SHUTDOWN DC VOLTAGE AT THE MODULE LEVEL WHEN AC POWER GOES OUT. TIMING AND VOLTAGE LEVELS ARE IN COMPLIANCE WITH NEC 690.12 RAPID SHUTDOWN.



IMPORTANT
CONTRACTOR MUST:
1. REDLINE DRAWINGS TO REFLECT EXACT AS-BUILT STRINGING AND RETURN TO PURE POWER.
2. CREATE MAP OF SOLAREGE POWER OPTIMIZER ADDRESSING AND RETURN TO SOLAREGE.

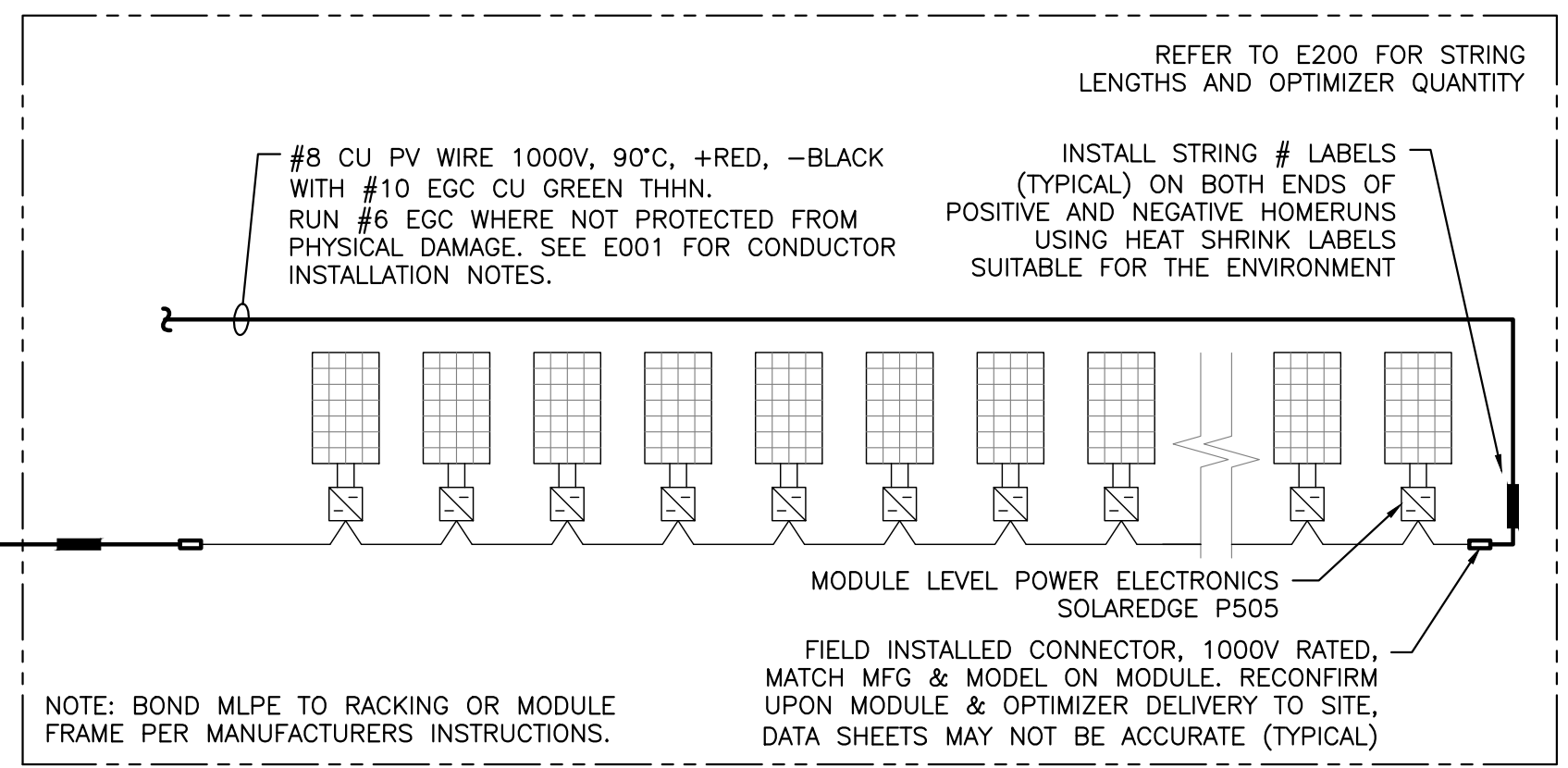
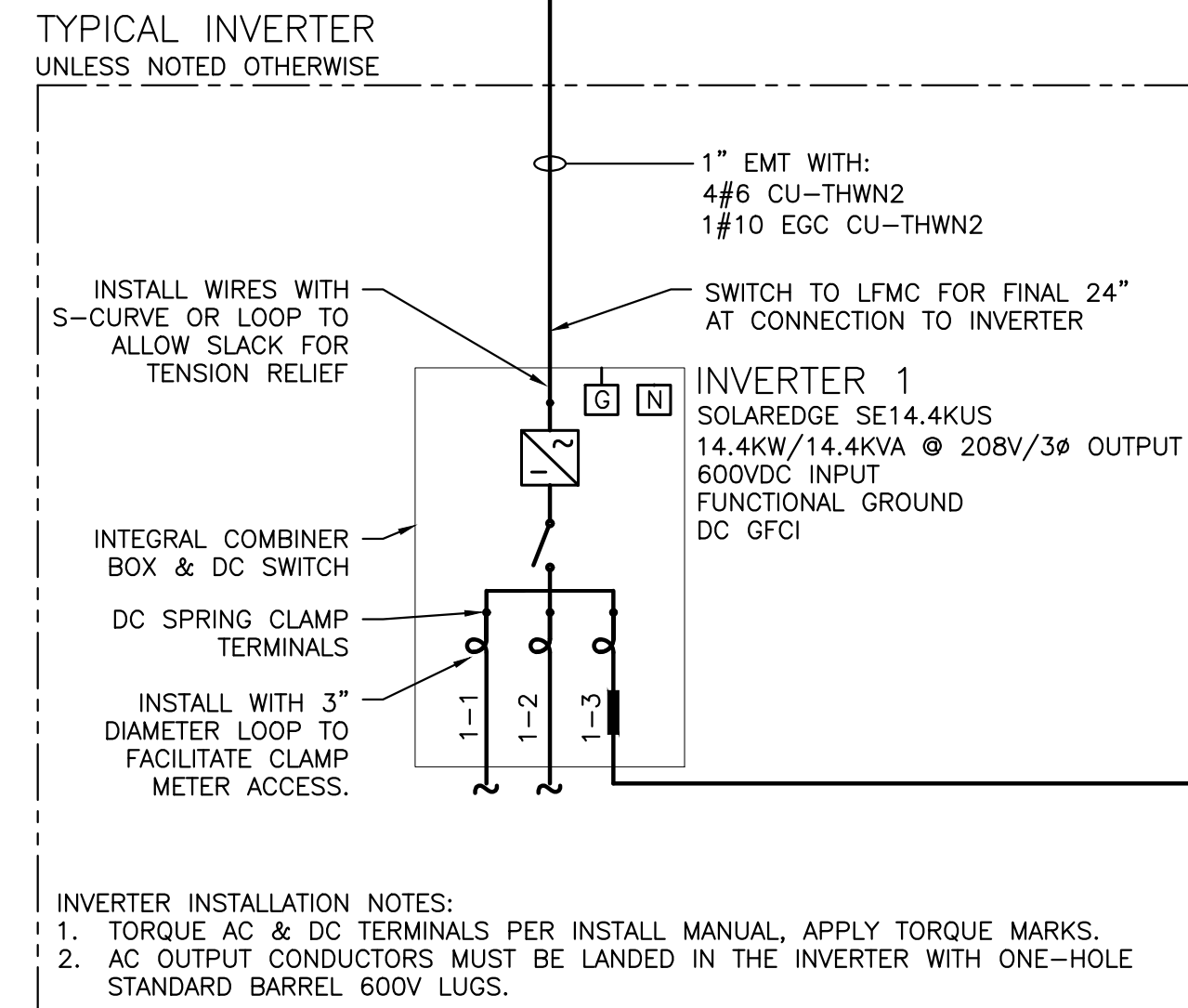
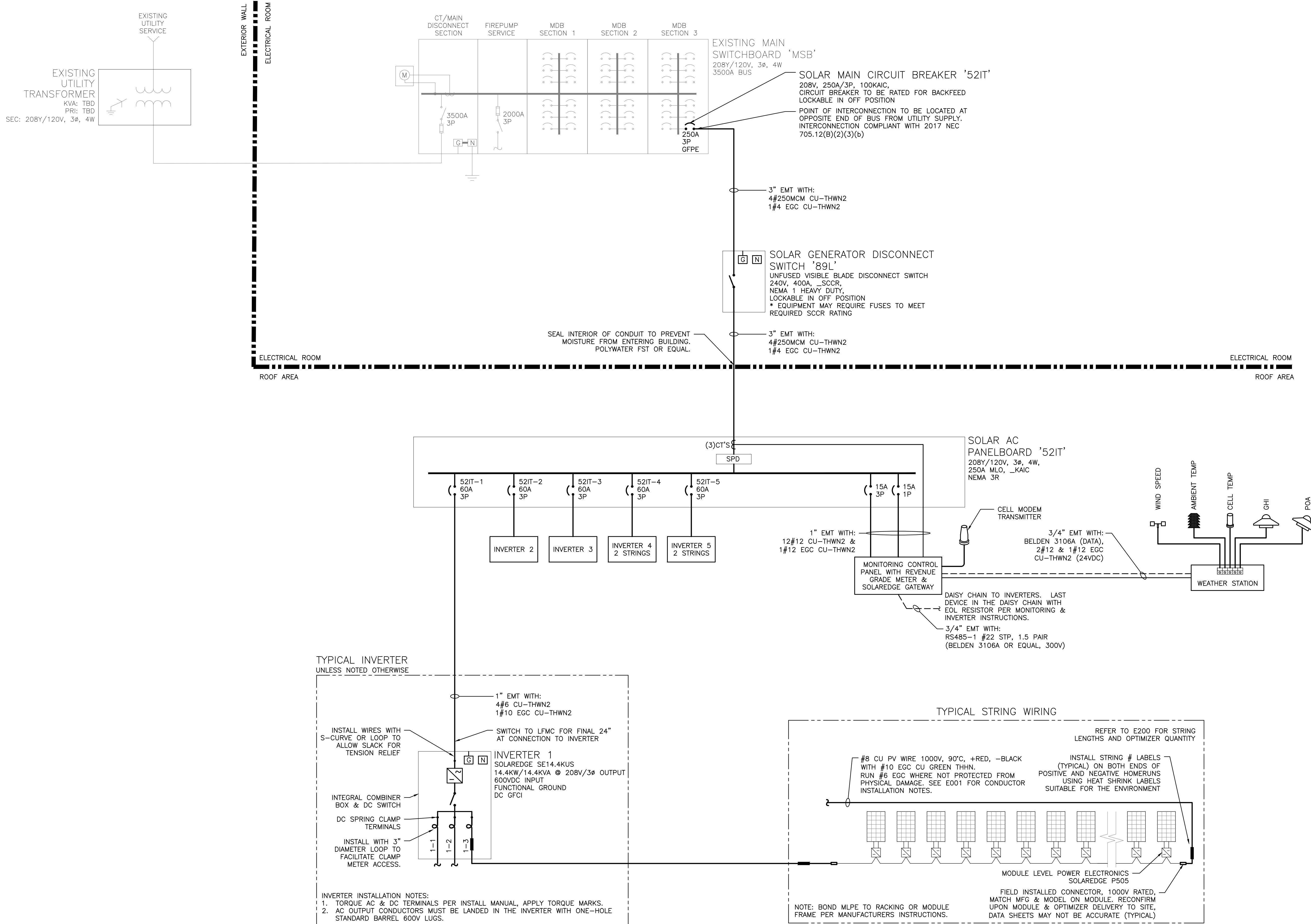
1 DC ELECTRICAL PLAN
PE200 SCALE: 1" = 10'-0"

STRING LABEL KEY
2-3(15)
MODULES/STRING
STRING #
INVERTER #

DRAWING TITLE: DC ELECTRICAL PLAN
DRAWING #: PE200

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
 121 MCCLEAN AVE YONKERS, NY 10705
 DC SYSTEM SIZE: 76.12 KW AC SYSTEM SIZE: 72.00 KW
 MODULE TYPE: CS3W-44DMB-AG MODULE QUANTITY: 173
 STRING QUANTITY: 15 TILT: 15.3 AZIMUTH ORIENTATION: 19
 DEVELOPER: BARILE GALLAGHER & ASSOCIATES
 300 WEST 117TH STREET, 10TH FLOOR, PLEASANTVILLE, NY 10570
 WWW.BGA-ENG.COM
 ENGINEER: BARILE GALLAGHER & ASSOCIATES
 111 RIVER STREET, FREDRICK, NY 13762
 WWW.PUREPOWER.COM
 RICHARD A. JINIS, LICENSED PROFESSIONAL ENGINEER
 NY LICENSE NO. 051197
 DATE: 10/08/2021
 REVISION DESCRIPTION: SED SUBMISSION REVISION SETS
 DATE: 07/14/2021
 REVISION DESCRIPTION: PM LENG CHK
 DATE: AK AA RI
 DATE: AK AA RI

RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



- SHEET NOTES:**
- CONTRACTOR SHALL FIELD-VERIFY INTERCONNECTION MEANS/METHODS PRIOR TO INSTALLATION. COORDINATED SHUTDOWN MAY BE REQUIRED. PROVIDE TORQUE MARKS INSIDE INVERTERS.
 - SET ELECTRONIC-TRIP BREAKERS TO THE SETTINGS BELOW, UNLESS OTHERWISE NOTED IN POWER STUDY. "NOMINAL TRIP" REFERS TO BREAKER TRIP RATING INDICATED ON ONELINE. SETTINGS BELOW ARE NOT FOR COORDINATION PURPOSES.
L = 100% OF NOMINAL TRIP (EXACT)
MINIMUM TIME DELAY
S = 125% OF NOMINAL TRIP (OR NEXT HIGHER)
MINIMUM TIME DELAY
I = 150% OF NOMINAL TRIP (OR NEXT HIGHER)
G = 20% OF NOMINAL TRIP (OR NEXT HIGHER)
0.5 SEC TIME DELAY

1 ONE LINE DIAGRAM
PE300/SCALE: NONE

DRAWING TITLE: ONE LINE DIAGRAM
DRAWING #: PE300

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
121 MCCLEAN AVE
YONKERS, NY 10705

DEVELOPER: BARILE GALLAGHER & ASSOCIATES
380 WEST 10TH STREET
PLEASANTVILLE, NY 10570
WWW.BGA-ENG.COM

DATE: 07/14/2021
REVISION DESCRIPTION: PM LENG CHK

PAGE SIZE: 36" x 24"
PROJECT #: 01541

DC SYSTEM SIZE: 76.12 KW
AC SYSTEM SIZE: 72.00 KW
MODULE TYPE: CS3W-440MB-AG
MODULE QUANTITY: 173
STRING QUANTITY: 13
SERIALIZATION: 19 TILT: 15.3 AZIMUTH

PUREPOWER ENGINEERING
111 RIVER STREET
ROCKENY, NY 10870
WWW.PUREPOWER.COM
RICHARD A. JONES
NY LICENSE NO. 051197

RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

AC FEEDER CALCULATIONS

| EQUIPMENT SUPPLIED | FED FROM | VOLTAGE | FULL LOAD AMPS 'FLA' | FLA x 1.25 | OCPD SIZE | GROUND SIZE | CONDUCTORS PER PHASE | PHASE CONDUCTOR SIZE | NEUTRAL CONDUCTOR SIZE | 75° AMPACITY | 90° AMPACITY | 90° AMPACITY WITH C.O.U. | C.O.U. DERATE AMBIENT TEMP | C.O.U. DERATE CONDUIT FILL | FEEDER LENGTH (FEET) | SEGMENT VOLTAGE DROP AT FLA | TOTAL VOLTAGE DROP AT FLA |
|----------------------------|----------------------------|---------|----------------------|------------|-----------|-------------|----------------------|----------------------|------------------------|--------------|--------------|--------------------------|----------------------------|----------------------------|----------------------|-----------------------------|---------------------------|
| SOLAR SYSTEM AC DISCONNECT | POINT OF INTERCONNECTION | 208 | 200.0 | 250.0 | 250 | CU #4 | 1 | CU 250MCM | CU 250MCM | 255 | 290 | 278.4 | 0.96 | 1.00 | 30 | 0.27% | 0.27% |
| SOLAR AC PANELBOARD | SOLAR SYSTEM AC DISCONNECT | 208 | 200.0 | 250.0 | 250 | CU #4 | 1 | CU 250MCM | CU 250MCM | 255 | 290 | 278.4 | 0.96 | 1.00 | 70 | 0.63% | 0.90% |
| INVERTER 1 | SOLAR AC PANELBOARD | 208 | 40.0 | 50.0 | 60 | CU #10 | 1 | CU #6 | CU #6 | 65 | 75 | 72 | 0.96 | 1.00 | 10 | 0.16% | 1.06% |
| INVERTER 2 | SOLAR AC PANELBOARD | 208 | 40.0 | 50.0 | 60 | CU #10 | 1 | CU #6 | CU #6 | 65 | 75 | 72 | 0.96 | 1.00 | 15 | 0.24% | 1.14% |
| INVERTER 3 | SOLAR AC PANELBOARD | 208 | 40.0 | 50.0 | 60 | CU #10 | 1 | CU #6 | CU #6 | 65 | 75 | 72 | 0.96 | 1.00 | 20 | 0.33% | 1.23% |
| INVERTER 4 | SOLAR AC PANELBOARD | 208 | 40.0 | 50.0 | 60 | CU #10 | 1 | CU #6 | CU #6 | 65 | 75 | 72 | 0.96 | 1.00 | 25 | 0.41% | 1.31% |
| INVERTER 5 | SOLAR AC PANELBOARD | 208 | 40.0 | 50.0 | 60 | CU #10 | 1 | CU #6 | CU #6 | 65 | 75 | 72 | 0.96 | 1.00 | 30 | 0.49% | 1.39% |

AVERAGE AC VOLTAGE DROP FROM POI TO INVERTERS: 1.04%

NOTE: DISTANCES ARE ESTIMATES GENERATED FOR ENGINEER'S CALCULATIONS. CONTRACTOR IS RESPONSIBLE FOR OWN MEASUREMENTS AND TAKEOFFS.

| MODULE SPECIFICATIONS | |
|--|---------------|
| MAKE/MODEL | CS3W-440MB-AG |
| POWER [W] | 440 |
| ISC [A] | 11.48 |
| IMP [A] | 10.82 |
| VOC [V] | 48.30 |
| VMP [V] | 40.10 |
| β VOC [%/degC] | -0.290% |
| SITE CLIMATE CRITERIA | |
| ASHRAE HIGH [°C] | 33 |
| ASHRAE LOW [°C] | -14 |
| STRING SPECIFICATIONS AT STC | |
| MODULES/STRING | 15 |
| POWER [W] | 6600 |
| STRING ISC [A] | 11.48 |
| STRING IMP [A] | 10.82 |
| STRING VMP [V] | 601.50 |
| STRING MAX VOLTAGE CALCULATION | |
| VOC TEMP ADJUSTMENT @ -14 °C | 1.11 |
| VOC @ -14 °C [V] | 53.76 |
| MAX STRING VOC [V] | 806.4 |
| STRING CALCULATIONS REFER TO THE PV SIDE OF DC OPTIMIZERS, NOT TO THE OPTIMIZER OUTPUT CIRCUIT | |

| DC STRING WIRING CALCULATION | | |
|---|---------------------------------------|-------|
| OPTIMIZER OUTPUT [AMPS] | | 15.00 |
| MAX CONTINUOUS FAULT CURRENT FROM PARALLEL SOURCES [AMPS] | | 30.00 |
| 1.25x MAX CONTINUOUS FAULT CURRENT [AMPS] | | 37.50 |
| MAX # OF WIRES PER CONDUIT | | 9 |
| CONDUIT FILL DERATE | | 0.7 |
| MAX AMBIENT TEMPERATURE | | 33 |
| TEMPERATURE DERATE | | 0.96 |
| WIRE GAUGE | | CU #8 |
| 75DEG AMPACITY WITHOUT COU ADJUSTMENT [AMPS] | | 50 |
| IS 75 DEG AMPACITY WITHOUT COU ADJUSTMENT >= 1.25x MAX CIRCUIT CURRENT? | YES. COMPLIES WITH 690.8(B)(1) | |
| 90DEG AMPACITY WITH COU ADJUSTMENT [AMPS] | | 36.96 |
| IS 90DEG AMPACITY WITH COU ADJUSTMENT >= 1.0x MAX CIRCUIT CURRENT? | YES. COMPLIES WITH 690.8(B)(2) | |
| DC OPTIMIZER OUTPUT CIRCUIT FUSE RATING [AMPS] | | None |
| AVAILABLE FAULT CURRENT FROM ALL PARALLEL SOURCES [AMPS] | | 45 |
| IS 90DEG AMPACITY WITH COU ADJUSTMENT >= AVAILABLE FAULT CURRENT? | YES. COMPLIES WITH 690.9(A) EXCEPTION | |

SOLAREEDGE SE14.4KUS

| INVERTER SPECIFICATIONS | |
|-------------------------------|-----------------------------|
| RATED AC OUTPUT POWER | 14400 W |
| NOMINAL AC OUTPUT VOLTAGE | 208Y/120 V |
| MAX. AC OUTPUT CURRENT | 40 A |
| INVERTER PROTECTIVE SETTINGS | |
| PARAMETERS | SET AT |
| AC FREQUENCY RANGE | 59.3 Hz – 60.5 Hz (DEFAULT) |
| AC VOLTAGE RANGE | 244 V – 305 V (DEFAULT) |
| POWER FACTOR | 1.0 (DEFAULT) |
| OVERFREQUENCY TRIP TIME | 0.16S (DEFAULT) |
| UNDERFREQUENCY TRIP TIME | 0.16S (DEFAULT) |
| OVERVOLTAGE TRIP TIME (FAST) | 0.16S (DEFAULT) |
| OVERVOLTAGE TRIP TIME (SLOW) | 1.0S (DEFAULT) |
| UNDERVOLTAGE TRIP TIME (FAST) | 0.16S (DEFAULT) |
| UNDERVOLTAGE TRIP TIME (SLOW) | 2.0S (DEFAULT) |

| INVERTERS 1-5 | |
|-------------------------|---------|
| STRING WIRE GAUGE | 8AWG-CU |
| DC IMPEDANCE [OHM/KFT] | 0.8090 |
| OPERATING VOLTAGE [VDC] | 602 |
| OPERATING CURRENT [AMP] | 10.8 |

| INVERTERS 1-5 | | |
|----------------------|----------------------------|---------------------|
| STRING NUMBER | TOTAL STRING DISTANCE [FT] | STRING VOLTAGE DROP |
| 1-1 | 85 | 0.25% |
| 1-2 | 30 | 0.09% |
| 1-3 | 80 | 0.23% |
| 2-1 | 70 | 0.20% |
| 2-2 | 25 | 0.07% |
| 2-3 | 30 | 0.09% |
| 3-1 | 80 | 0.23% |
| 3-2 | 105 | 0.30% |
| 3-3 | 115 | 0.33% |
| 4-1 | 135 | 0.39% |
| 4-2 | 50 | 0.15% |
| 5-1 | 60 | 0.17% |
| 5-2 | 55 | 0.16% |
| AVERAGE VOLTAGE DROP | | 0.21% |

NOTE: DISTANCES ARE ESTIMATES GENERATED FOR ENGINEER'S CALCULATIONS. CONTRACTOR IS RESPONSIBLE FOR OWN MEASUREMENTS AND TAKEOFFS.

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
121 MCCLEAN AVE
YONKERS, NY 10705

DC SYSTEM SIZE: 76.12 kW
AC SYSTEM SIZE: 22.00 kW
MODULE TYPE: CS3W-440MB-AG
MODULE QUANTITY: 173
STRING QUANTITY: 15
ORIENTATION: 19° TILT, 153° AZIMUTH

DEVELOPER: BARILE CALLAGHER & ASSOCIATES
CONSULTING ENGINEER

DATE: 10/08/2021
REVISED: 07/14/2021

DATE: 10/08/2021
REVISED: 07/14/2021

REVISION DESCRIPTION

DATE: 10/08/2021
REVISED: 07/14/2021

DATE: 10/08/2021
REVISED: 07/14/2021

REVISION DESCRIPTION

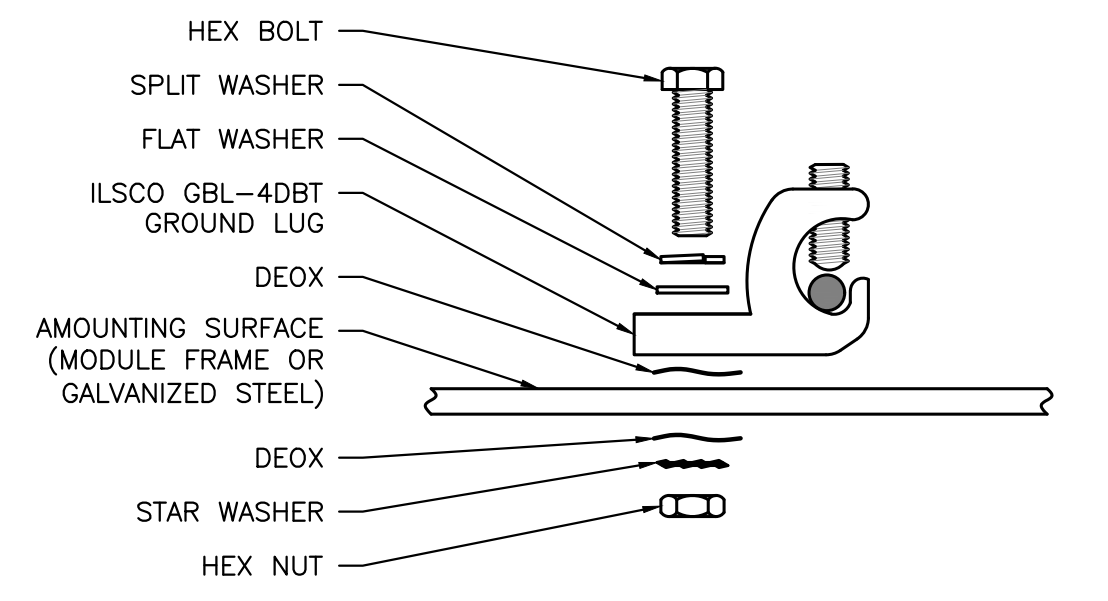
DATE: 10/08/2021
REVISED: 07/14/2021

DATE: 10/08/2021
REVISED: 07/14/2021

REVISION DESCRIPTION

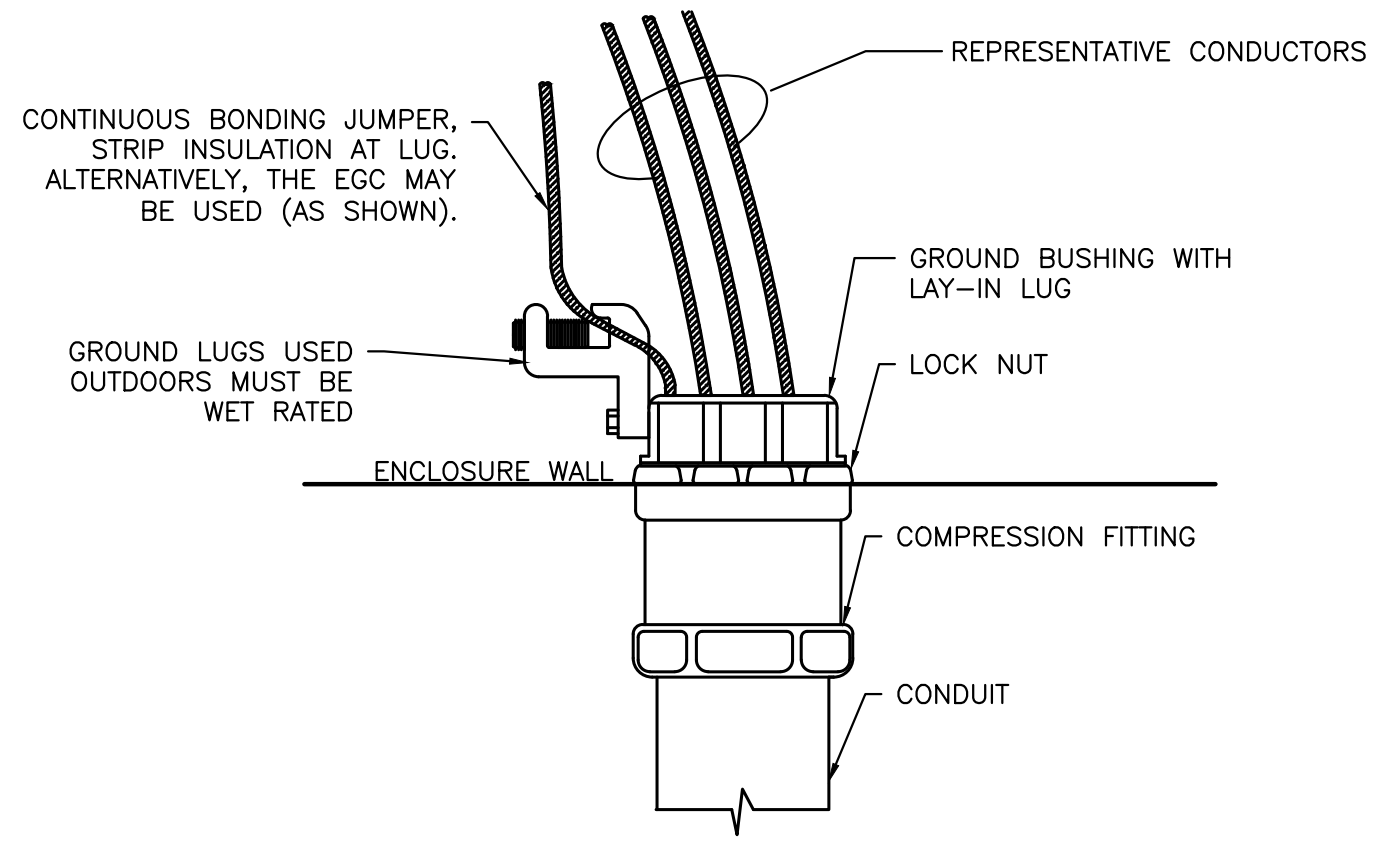
DATE: 10/08/2021
REVISED: 07/14/2021

RULER IN INCHES: 0 1/2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

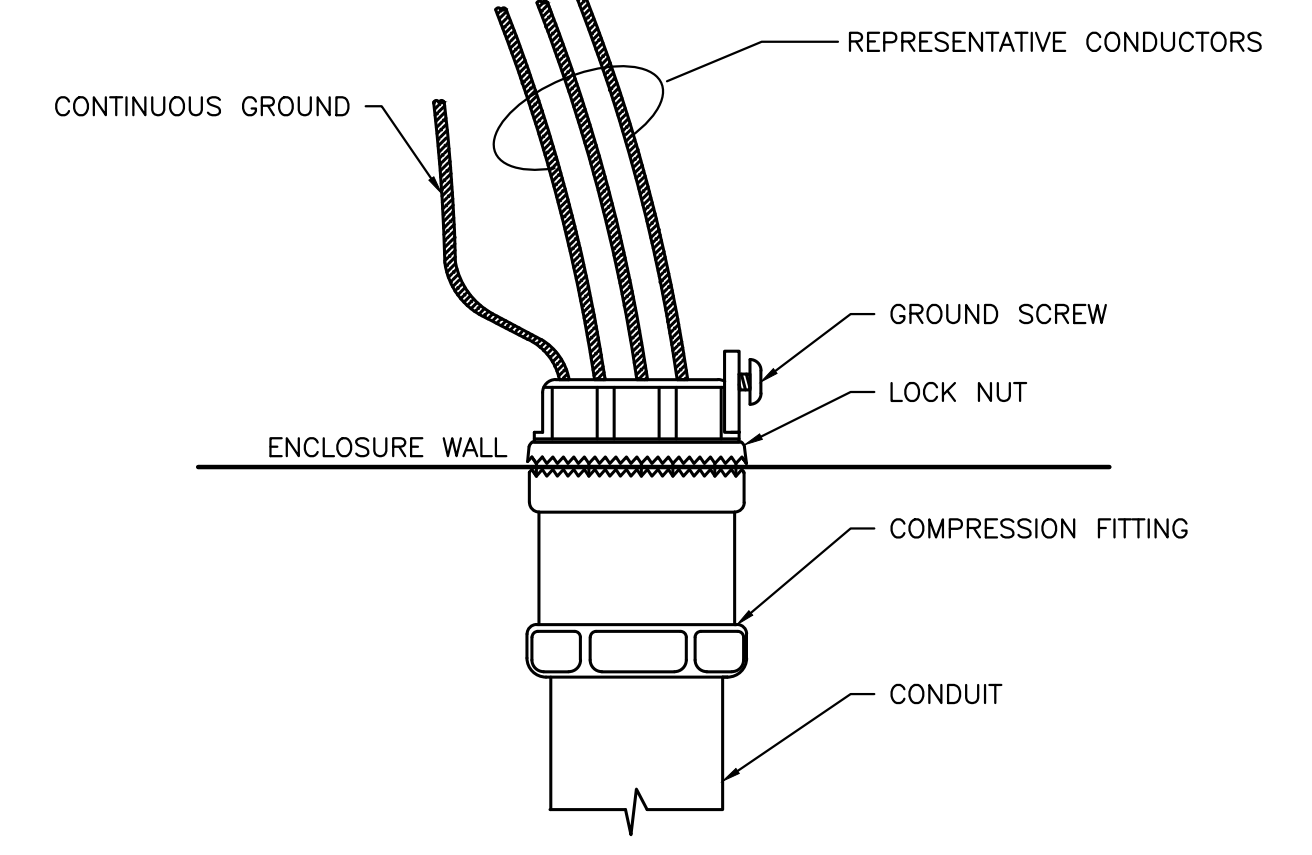


NOTES
 1. ALL HARDWARE TO BE STAINLESS STEEL.
 2. REFER TO ILSCO MANUAL FOR ADDITIONAL REQUIREMENTS AND TORQUE VALUES

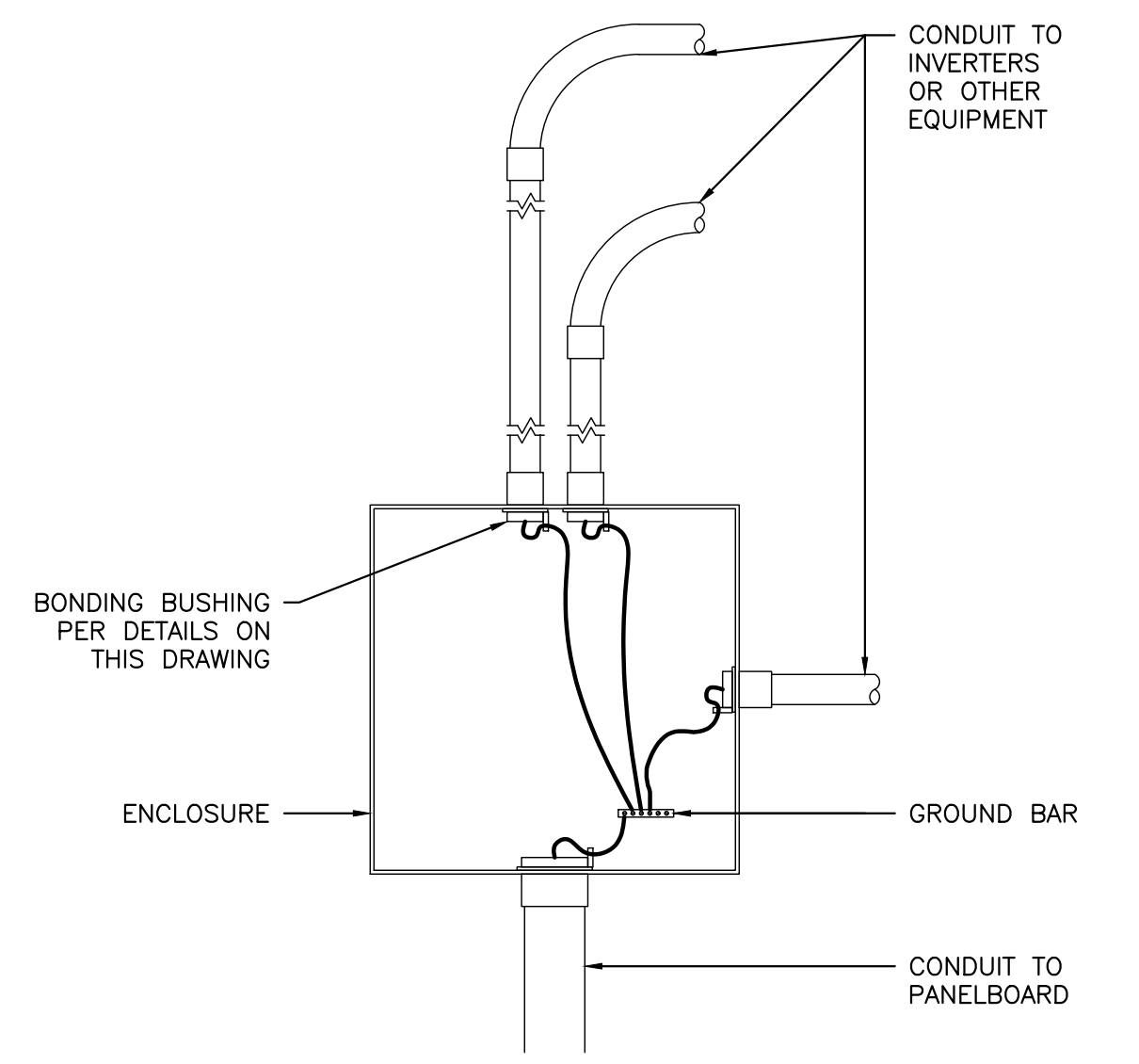
1 GROUND LUG DETAIL - ILSCO
 PE401 SCALE: NONE



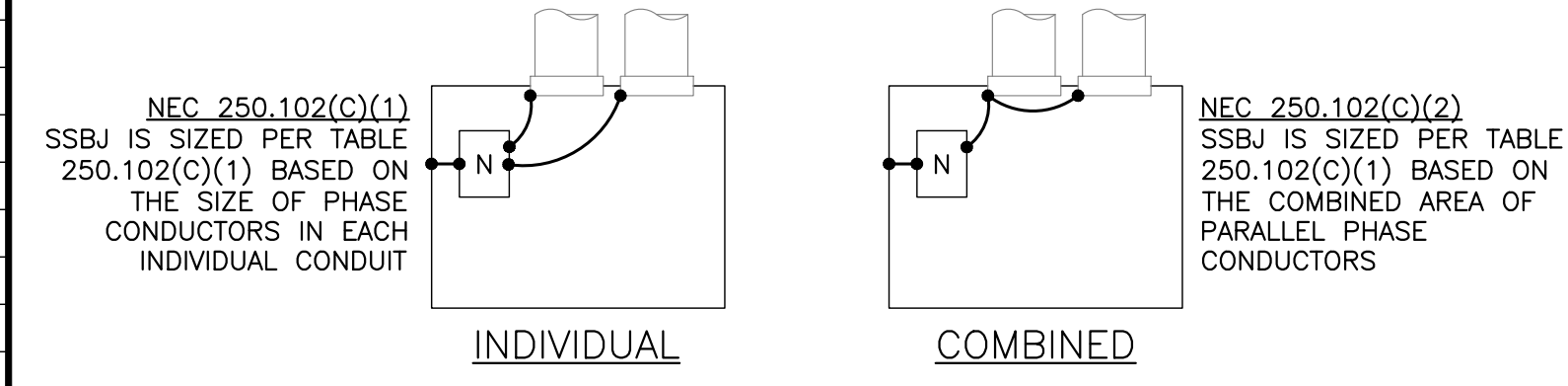
2 BONDING BUSHING GROUNDING DETAIL
 PE401 SCALE: NONE



3 MYER'S HUB GROUNDING DETAIL
 PE401 SCALE: NONE



4 PULL BOX/TROUGH GROUNDING DETAIL
 PE401 SCALE: NONE



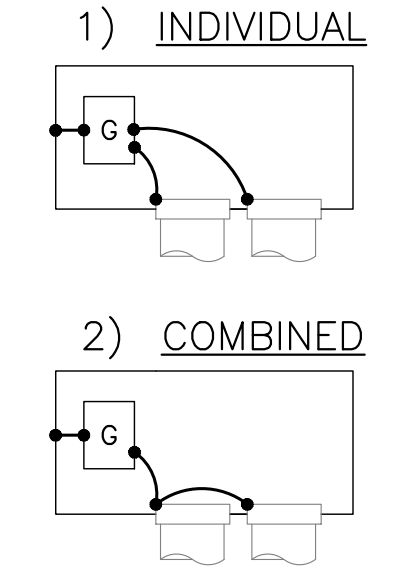
| SIZE OF LARGEST UNGROUNDED CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS (AWG/KCMIL) | | SIZE OF GROUNDED CONDUCTOR OR BONDING JUMPER (AWG/KCMIL) | |
|---|----------------------------------|--|----------------------------------|
| COPPER | ALUMINUM OR COPPER-CLAD ALUMINUM | COPPER | ALUMINUM OR COPPER-CLAD ALUMINUM |
| 2 OR SMALLER | 1/0 OR SMALLER | 8 | 6 |
| 1 OR 1/0 | 2/0 OR 3/0 | 6 | 4 |
| 2 OR 2/0 | 4/0 OR 250 | 4 | 2 |
| OVER 3/0 THROUGH 350 | OVER 250 THROUGH 500 | 2 | 1/0 |
| OVER 350 THROUGH 600 | OVER 500 THROUGH 900 | 1/0 | 3/0 |
| OVER 600 THROUGH 1100 | OVER 900 THROUGH 1750 | 2/0 | 4/0 |
| OVER 1100 | OVER 1750 | REFER TO NOTES IN NEC TABLE 250.102(C)(1) | |

5 SUPPLY SIDE BONDING JUMPERS (SSBJ)
 PE401 SCALE: NONE

A) FOR CONCENTRIC KNOCKOUTS, USE BONDING JUMPERS AS FOLLOWS:

| OVERCURRENT DEVICE CIRCUIT NOT EXCEEDING (AMPERES) | SIZE (AWG OR KCMIL) | |
|--|---------------------|----------|
| | COPPER | ALUMINUM |
| 15 | 14 | 12 |
| 20 | 12 | 10 |
| 60 | 10 | 8 |
| 100 | 8 | 6 |
| 200 | 6 | 4 |
| 300 | 4 | 2 |
| 400 | 3 | 1 |
| 500 | 2 | 1/0 |
| 600 | 1 | 2/0 |
| 800 | 1/0 | 3/0 |
| 1000 | 2/0 | 4/0 |
| 1200 | 3/0 | 250 |
| 1600 | 4/0 | 350 |
| 2000 | 250 | 400 |
| 2500 | 350 | 600 |
| 3000 | 400 | 600 |
| 4000 | 500 | 750 |

FOR PARALLEL FEEDERS - NEC 250.102(D) EQUIPMENT BONDING JUMPER IS SIZED PER TABLE 250.122, REGARDLESS IF COMBINED OR INDIVIDUAL BONDING JUMPERS ARE USED

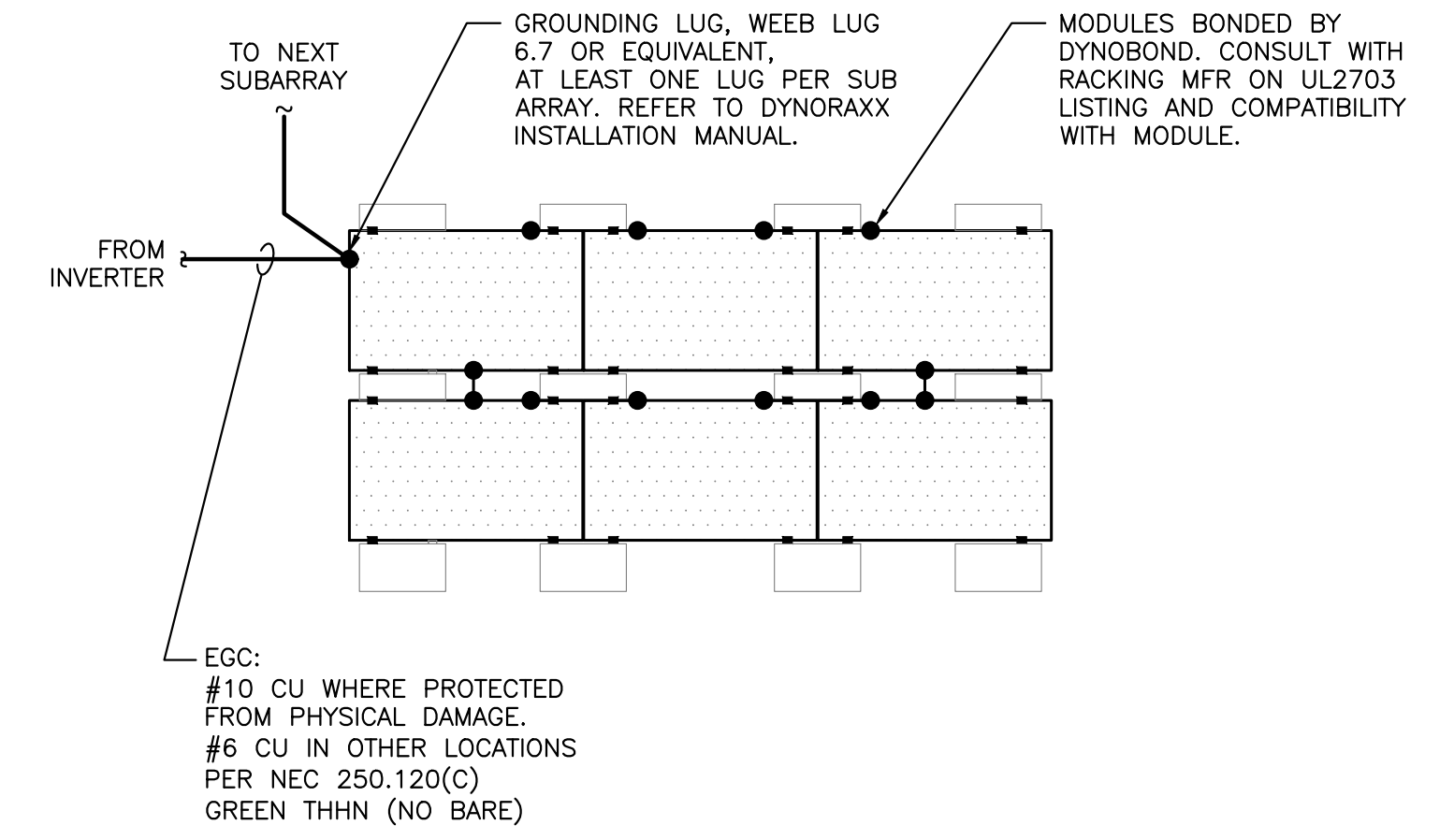


B) FOR NON-CONCENTRIC KNOCKOUTS, THE FOLLOWING METHODS SHALL BE PERMITTED (PER NEC 250.97)

- 1) THREADLESS COUPLINGS AND CONNECTORS FOR CABLES WITH METAL SHEATHS
- 2) TWO LOCKNUTS, ON RIGID METAL CONDUIT OR INTERMEDIATE METAL CONDUIT, ONE INSIDE AND ONE OUTSIDE OF BOXES AND CABINETS
- 3) FITTINGS WITH SHOULDERS THAT SEAT FIRMLY AGAINST THE BOX OR CABINET, SUCH AS ELECTRICAL METALLIC TUBING CONNECTORS, FLEXIBLE METAL CONDUIT CONNECTORS, AND CABLE CONNECTORS, WITH ONE LOCKNUT ON THE INSIDE OF BOXES AND CABINETS
- 4) LISTED FITTINGS (SUCH AS MEYERS HUB)

6 LOAD SIDE EQUIPMENT BONDING JUMPER
 PE401 SCALE: NONE

NOTES:
 1. EACH SUBARRAY CONNECTED TO AN INVERTER SHALL HAVE AN EGC RUN TO THAT INVERTER
 2. PV MODULES AND RAILS GROUNDED PER NEC 690.43



7 ARRAY GROUNDING - DYNAROX RACKING
 PE401 SCALE: NONE

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
 121 MCCLEAN AVE
 YONKERS, NY 10705

DC SYSTEM SIZE: 76.12 KW
 AC SYSTEM SIZE: 72.00 KW
 MODULE TYPE: CS3W-440MB-AG
 MODULE QUANTITY: 173
 STRING QUANTITY: 13
 ORIENTATION: 19 TILT, 153 AZIMUTH

DEVELOPER: BARILE GALLAGHER & ASSOCIATES
 111 RIVER STREET
 PLEASANTVILLE, NY 10570
 WWW.BGA-ENG.COM

ENGINEER: RICHARD A. JONES
 NY LICENSE NO. 081197

DATE: 07/14/2021

REVISION DESCRIPTION: PM LENG CHK

DATE: 07/14/2021
 REVISION: AK
 DATE: 07/14/2021
 REVISION: AK
 DATE: 07/14/2021
 REVISION: AK

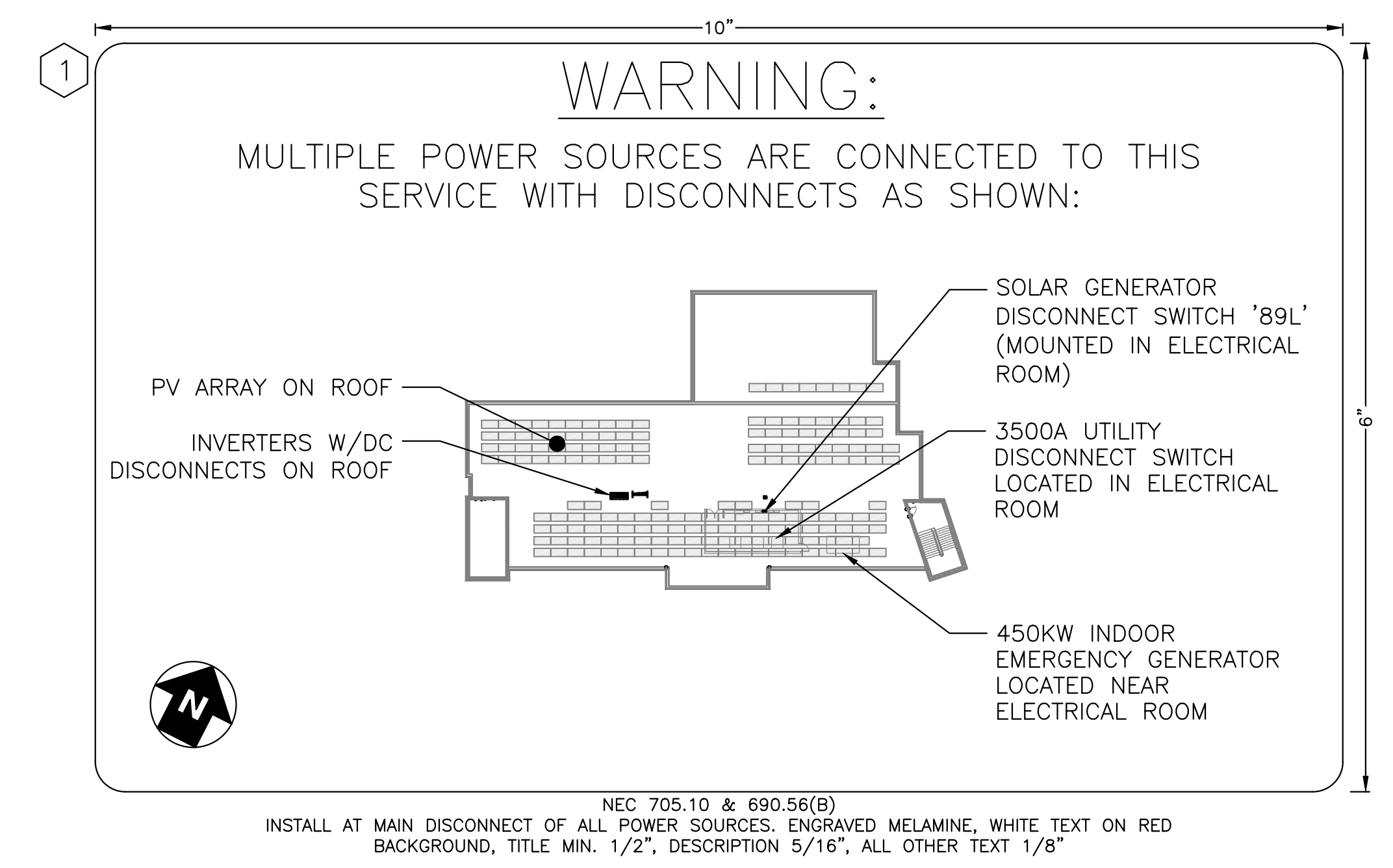
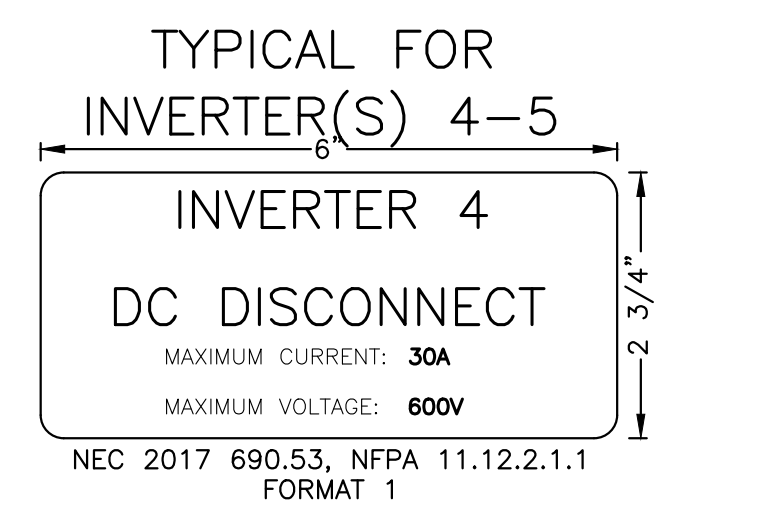
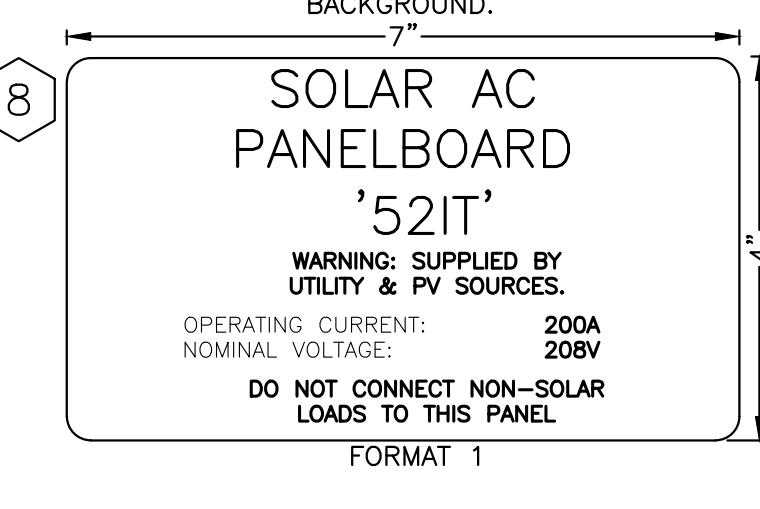
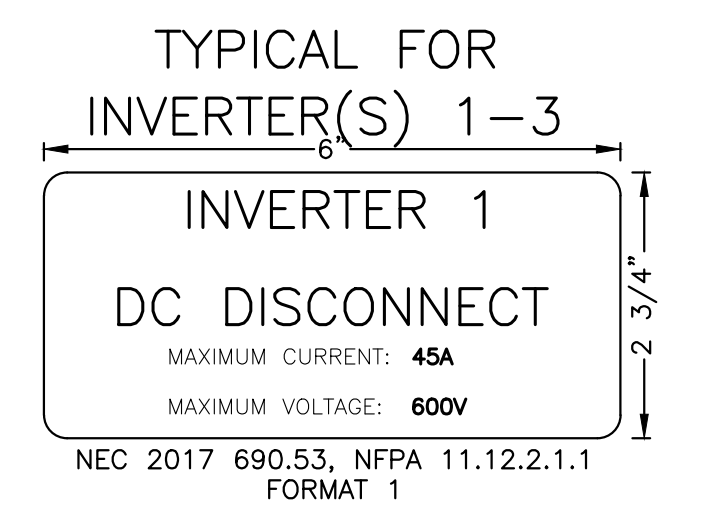
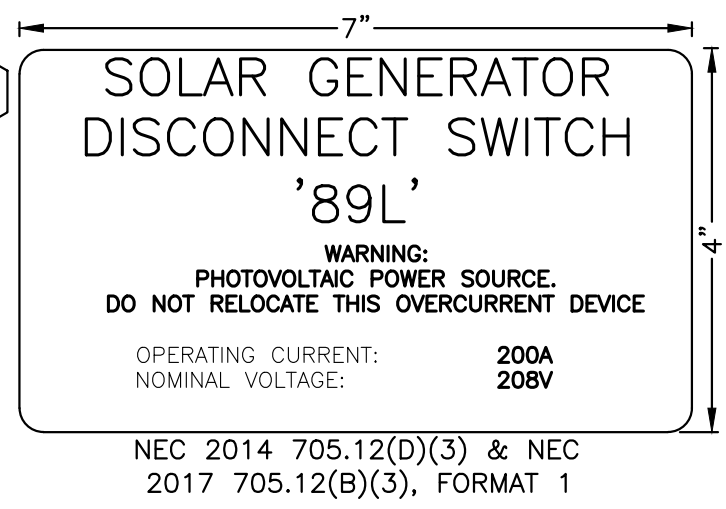
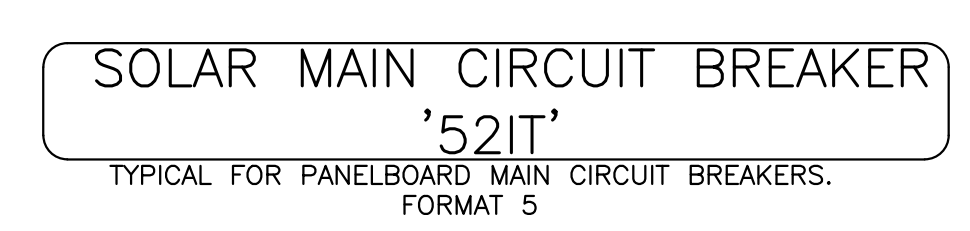
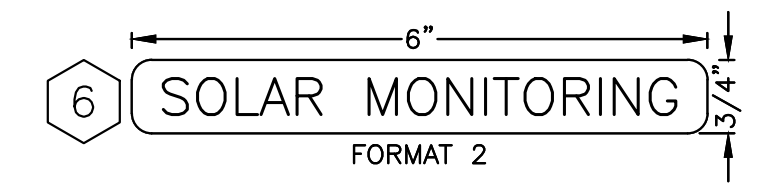
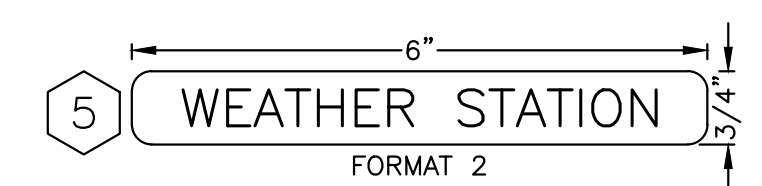
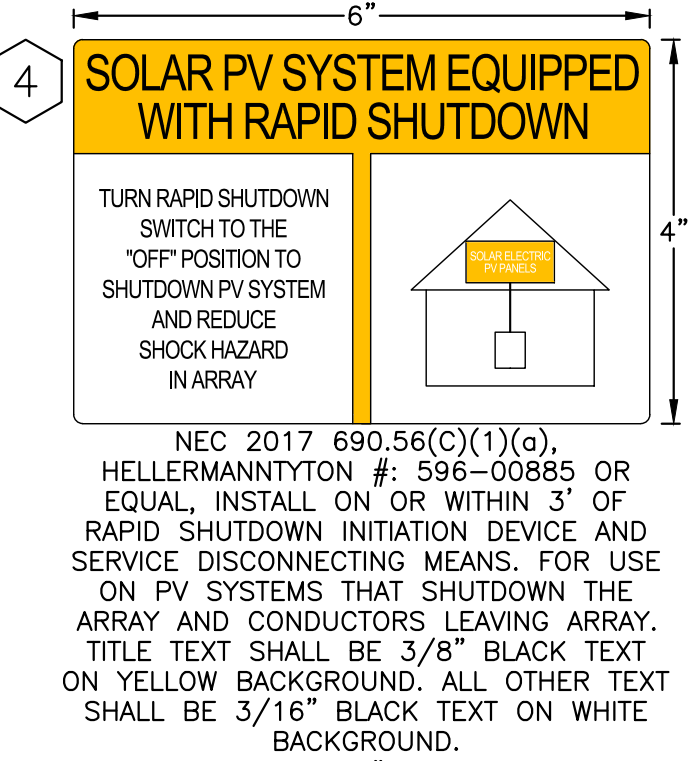
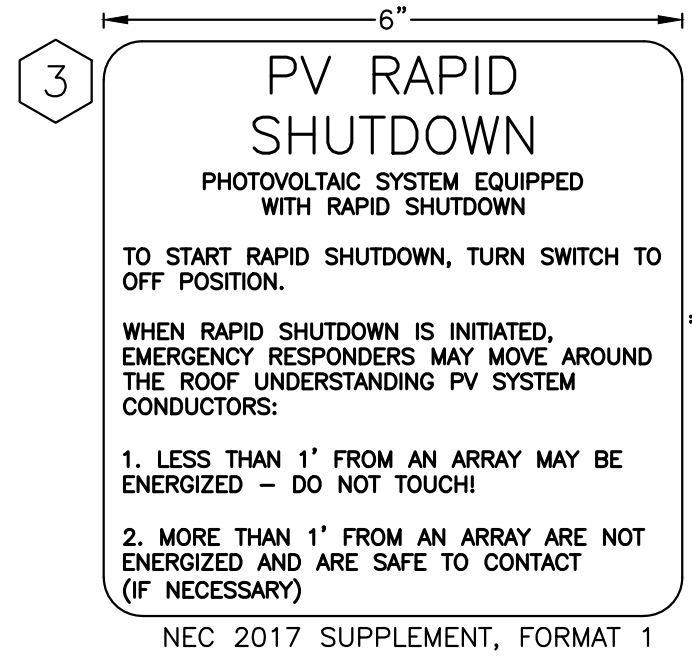
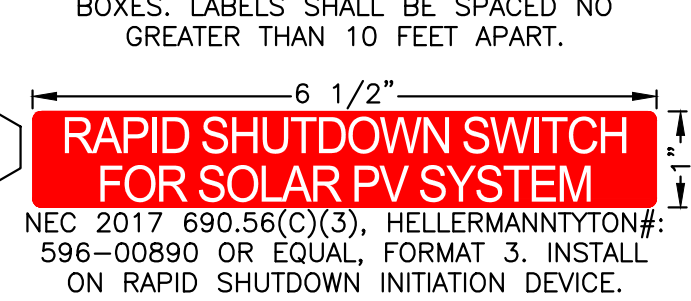
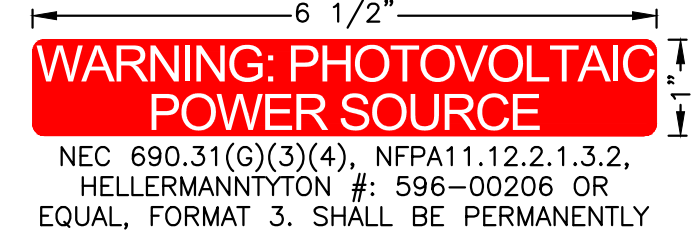
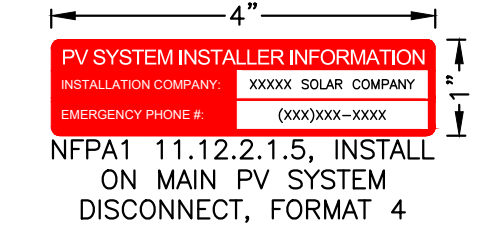
RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

GENERAL NOTES FOR LABELS:
 1. LABEL SCALE 1:2 UNLESS NOTED
 2. LETTERING ON SIGNS SHALL BE CAPITAL LETTERS
 3. CLEARLY LABEL ALL CIRCUIT BREAKERS IN THE PANELBOARD(S). THE LABEL SHALL INDICATE THE NAME OF THE DEVICE IT SERVES.

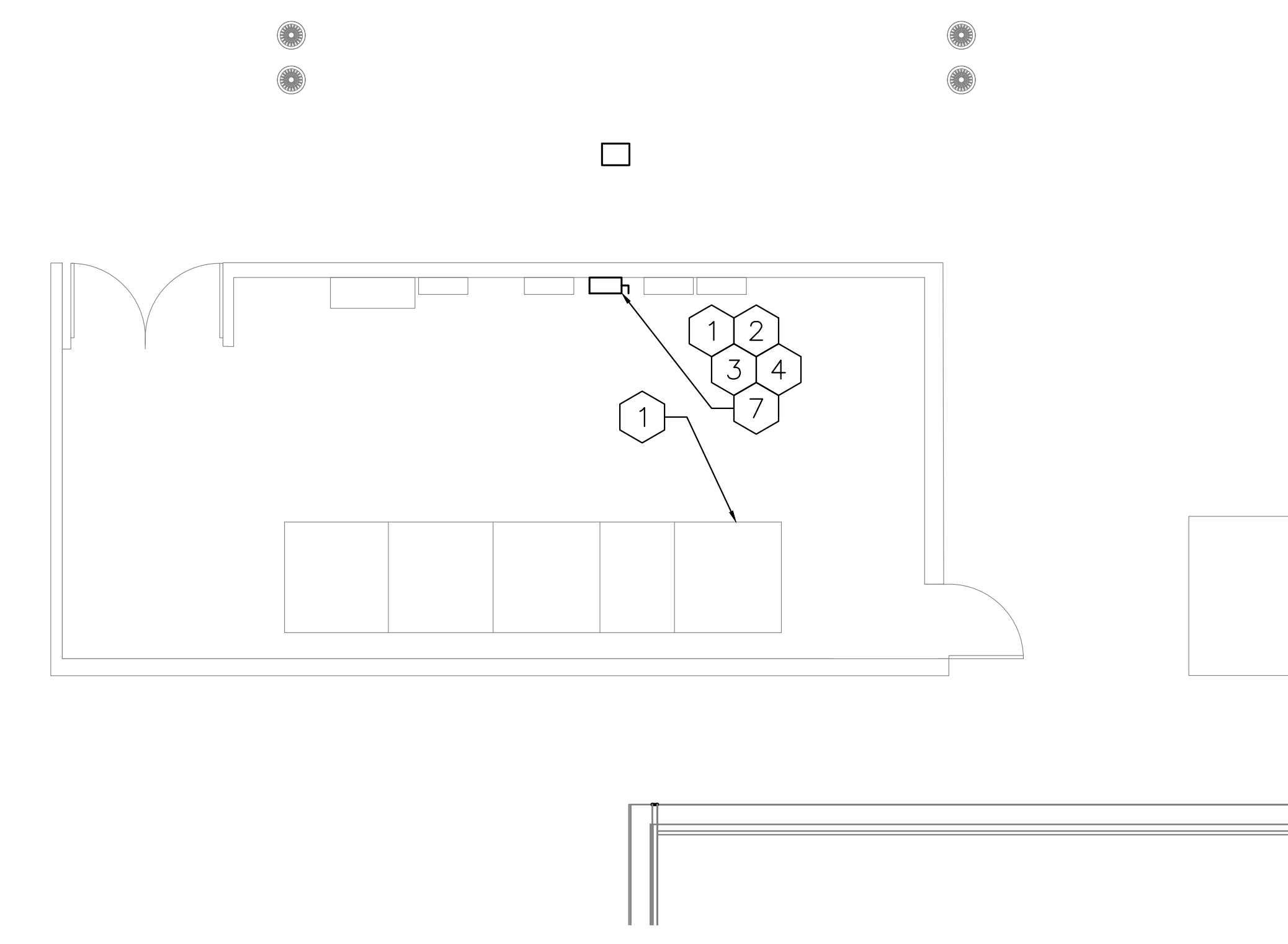
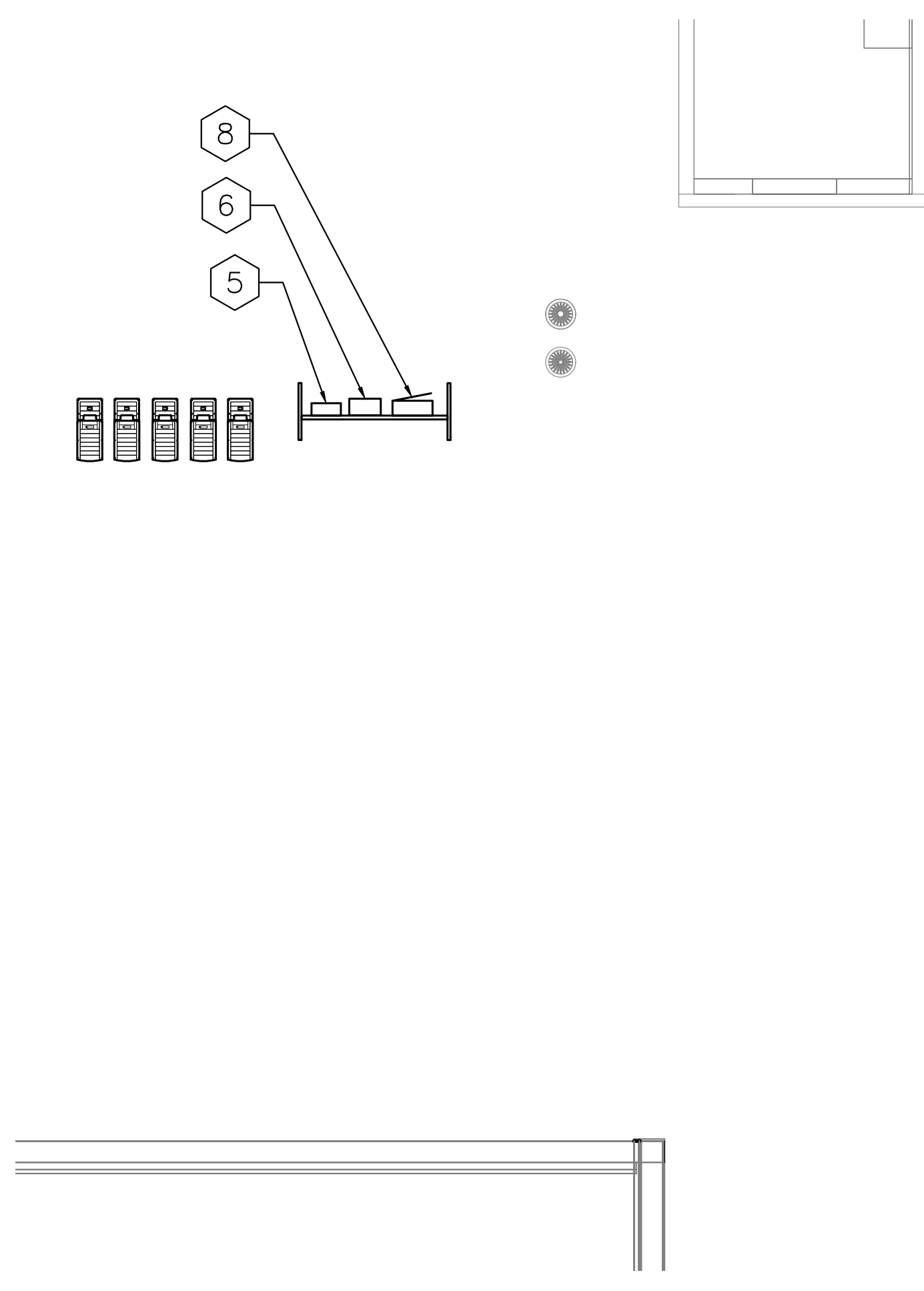
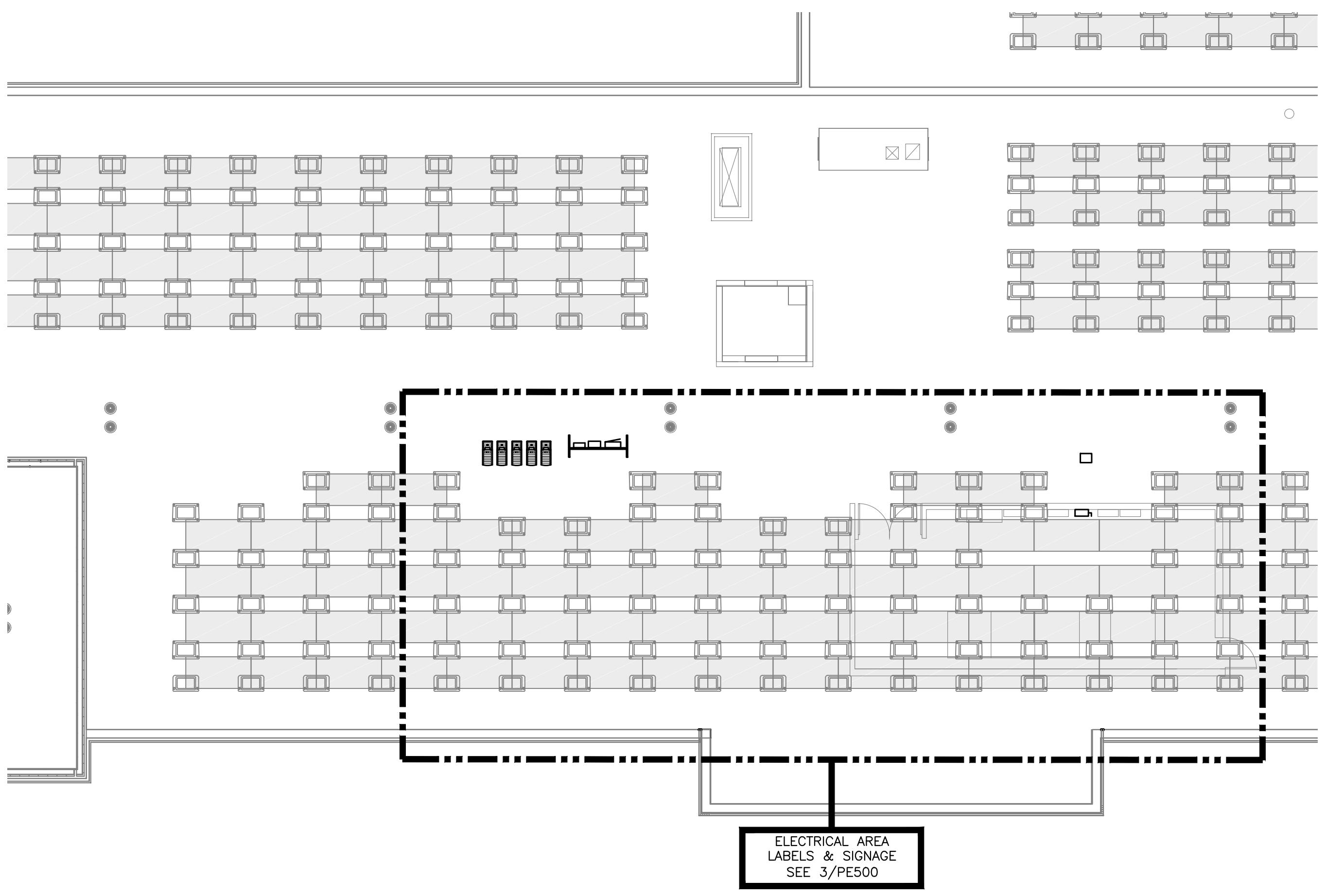
LABEL FORMAT NOTES:
 1. **FORMAT 1:** ENGRAVED MELAMINE, WHITE TEXT ON RED BACKGROUND. TEXT HEIGHT: TITLES 3/8", ALL OTHER TEXT 5/32".
 2. **FORMAT 2:** ENGRAVED MELAMINE, BLACK TEXT ON WHITE BACKGROUND. TEXT HEIGHT: 3/8".
 3. **FORMAT 3:** REFLECTIVE UV RATED LABEL, RED BACKGROUND WITH WHITE CAPITAL LETTERS AT LEAST 3/8" TALL. LABELS SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED.
 4. **FORMAT 4:** ENGRAVED MELAMINE, WHITE TEXT ON RED BACKGROUND. TEXT HEIGHT: TITLES 5/32", ALL OTHER TEXT 3/32".
 5. **FORMAT 5:** VINYL FILM, BLACK TEXT ON WHITE BACKGROUND. TEXT HEIGHT: 3/8"

PER 2017 NEC 690.31(B)(1), PV SYSTEM CIRCUIT CONDUCTORS SHALL BE IDENTIFIED AT ALL ACCESSIBLE POINTS OF TERMINATION, CONNECTION, AND SPLICES.

1. STRING HOMERUNS AT ARRAY
2. DC INPUT TERMINALS OF COMBINER BOX
3. DC OUTPUT TERMINALS OF COMBINER BOX
4. DC INPUT TERMINALS OF INVERTER
5. AC OUTPUT TERMINALS OF INVERTER
6. AC INPUT & OUTPUT TERMINALS OF EACH SUCCESSIVE DEVICE (WHERE APPLICABLE)



2 DIRECTORY LABEL
 PE500 SCALE: 1:1



3 ELECTRICAL AREA - LABELS & SIGNAGE
 PE500 SCALE: 3/16" = 1'-0"

1 LABELS & SIGNAGE
 PE500 SCALE: 1" = 10'-0"

PROJECT: 76.12 KW SOLAR ROOFTOP SYSTEM AT ST. DENIS COMMUNITY SCHOOL
 121 MCCLEAN AVE YONKERS, NY 10705
 DC SYSTEM SIZE: 76.12 kW
 AC SYSTEM SIZE: 72.00 kW
 MODULE TYPE: CS3W-440MB-AG
 MODULE QUANTITY: 173
 STRING QUANTITY: 13
 ORIENTATION: 19 TILT, 153 AZIMUTH
 PAGE SIZE: 3.6" x 24"
 PROJECT #: 01541
 DEVELOPER: BARILE CALLAGHER & ASSOCIATES
 111 RIVER STREET FURDENEN, NY 10570
 RICHARD A. JINIS LICENSED PROFESSIONAL ENGINEER
 WWW.BCA-ENG.COM
 REVISION DESCRIPTION: DATE
 PM: ENG: CHK:

RULER IN INCHES: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
 PLOT DATE: 10/26/2021 4:46

BiHiKu

SUPER HIGH POWER BIFACIAL MONO PERC MODULE
420 W ~ 445 W
UP TO 30% MORE POWER FROM THE BACK SIDE
CS3W-420 | 425 | 435 | 440 | 445MB-AG

MORE POWER

- EXTRA POWER** Up to 30% more power from the back side
- 24% higher front-side power than conventional modules
- Low NMOT: 41 ± 3 °C
- Low temperature coefficient (Pmax): -0.35 % / °C
- Better shading tolerance

MORE RELIABLE

- Lower internal current, lower hot spot temperature
- Minimizes micro-crack impacts
- Heavy snow load up to 5400 Pa, wind load up to 3600 Pa*

30 years linear power output warranty*

12 years enhanced product warranty on materials and workmanship*

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2015 / Quality management system
 ISO 14001:2015 / Standards for environmental management system
 OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / CE / MCS / INMETRO
 UL 1703, CSA / IEC 61701 EDO: VDE / IEC 62716: VDE / IEC 60068-2-68: SGS
 Table 1 only

*As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. No. 1 module supplier for quality and performance/price ratio in JHS Module Customer Insight Survey. As a leading PV project developer and manufacturer of solar modules with over 40 GW deployed around the world since 2001.

* For detail information, please refer to Installation Manual.

CANADIAN SOLAR INC.
 545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com

ENGINEERING DRAWING (mm)

CS3W-435MB-AG / I-V CURVES

ELECTRICAL DATA | STC*

| Model | Nominal Power (Pmax) | Opt. Power (Popt) | Opt. Current (Iopt) | Opt. Voltage (Vopt) | Open Circuit Voltage (Voc) | Short Circuit Current (Isc) | Module Efficiency (%) |
|-----------------|----------------------|-------------------|---------------------|---------------------|----------------------------|-----------------------------|-----------------------|
| CS3W-420MB-AG | 420 W | 39.9 W | 10.53 A | 47.9 V | 11.27 A | 18.8% | |
| Bifacial Gain** | 5% | 441 W | 39.9 W | 11.06 A | 47.9 V | 11.83 A | 19.3% |
| Bifacial Gain** | 10% | 462 W | 39.9 W | 11.58 A | 47.9 V | 12.40 A | 20.7% |
| Bifacial Gain** | 20% | 504 W | 39.9 W | 12.64 A | 47.9 V | 13.52 A | 22.6% |
| Bifacial Gain** | 30% | 545 W | 39.9 W | 13.69 A | 47.9 V | 14.65 A | 24.6% |
| CS3W-425MB-AG | 425 W | 40.1 W | 10.60 A | 48.1 V | 11.82 A | 19.0% | |
| Bifacial Gain** | 5% | 446 W | 40.1 W | 11.13 A | 48.1 V | 11.89 A | 20.0% |
| Bifacial Gain** | 10% | 468 W | 40.1 W | 11.66 A | 48.1 V | 12.45 A | 20.9% |
| Bifacial Gain** | 20% | 510 W | 40.1 W | 12.72 A | 48.1 V | 13.58 A | 22.8% |
| Bifacial Gain** | 30% | 553 W | 40.1 W | 13.78 A | 48.1 V | 14.72 A | 24.8% |
| CS3W-430MB-AG | 430 W | 40.3 W | 10.68 A | 48.3 V | 11.37 A | 19.2% | |
| Bifacial Gain** | 5% | 452 W | 40.3 W | 11.21 A | 48.3 V | 11.94 A | 20.3% |
| Bifacial Gain** | 10% | 473 W | 40.3 W | 11.75 A | 48.3 V | 12.51 A | 21.2% |
| Bifacial Gain** | 20% | 516 W | 40.3 W | 12.82 A | 48.3 V | 13.64 A | 23.1% |
| Bifacial Gain** | 30% | 559 W | 40.3 W | 13.88 A | 48.3 V | 14.78 A | 25.0% |
| CS3W-435MB-AG | 435 W | 40.5 W | 10.75 A | 48.5 V | 11.42 A | 19.5% | |
| Bifacial Gain** | 5% | 457 W | 40.5 W | 11.29 A | 48.5 V | 11.99 A | 20.5% |
| Bifacial Gain** | 10% | 479 W | 40.5 W | 11.83 A | 48.5 V | 12.56 A | 21.4% |
| Bifacial Gain** | 20% | 522 W | 40.5 W | 12.90 A | 48.5 V | 13.70 A | 23.4% |
| Bifacial Gain** | 30% | 565 W | 40.5 W | 13.98 A | 48.5 V | 14.85 A | 25.3% |
| CS3W-440MB-AG | 440 W | 40.7 W | 10.82 A | 48.7 V | 11.46 A | 19.7% | |
| Bifacial Gain** | 5% | 462 W | 40.7 W | 11.36 A | 48.7 V | 12.05 A | 20.7% |
| Bifacial Gain** | 10% | 484 W | 40.7 W | 11.90 A | 48.7 V | 12.63 A | 21.7% |
| Bifacial Gain** | 20% | 528 W | 40.7 W | 12.98 A | 48.7 V | 13.78 A | 23.6% |
| Bifacial Gain** | 30% | 572 W | 40.7 W | 14.07 A | 48.7 V | 14.92 A | 25.6% |
| CS3W-445MB-AG | 445 W | 40.9 W | 10.89 A | 48.9 V | 11.54 A | 19.9% | |
| Bifacial Gain** | 5% | 467 W | 40.9 W | 11.43 A | 48.9 V | 12.13 A | 20.9% |
| Bifacial Gain** | 10% | 490 W | 40.9 W | 11.98 A | 48.9 V | 12.69 A | 21.9% |
| Bifacial Gain** | 20% | 534 W | 40.9 W | 13.07 A | 48.9 V | 13.85 A | 23.9% |
| Bifacial Gain** | 30% | 579 W | 40.9 W | 14.16 A | 48.9 V | 15.00 A | 25.9% |

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.
 ** Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting structure, height, tilt angle etc. and site of the ground.

ELECTRICAL DATA

Operating Temperature -40°C ~ +85°C
 Max. System Voltage 1500 V (IEC/UL) or 1000 V (IEC/UL)

Module Fire Performance - Type 3 (UL 1703) or CLASS C (IEC61730)
 Max. Series Fuse Rating 25 A
 Application Classification Class A
 Power Tolerance 0 ~ +10 W
 Power Bifaciality* 70 %
* Power Bifaciality = (Pmax_f / Pmax_r) - Pmax_m, both Pmax_f and Pmax_m are tested under STC. Bifaciality tolerance is ± 5 %

TEMPERATURE CHARACTERISTICS

Specification Data
 Temperature Coefficient (Pmax) -0.35 % / °C
 Temperature Coefficient (Voc) -0.27 % / °C
 Temperature Coefficient (IsC) 0.05 % / °C
 Nominal Module Operating Temperature 41 ± 3°C

PARTNER SECTION

CANADIAN SOLAR INC.
 545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com

May 2020. All rights reserved. PV Module Product Datasheet V5.09.13N

Three Phase Inverters for the 120/208V Grid for North America

SE14.4KUS / SE17.3KUS

INVERTERS

The best choice for SolarEdge enabled systems

- Specifically designed to work with power optimizers
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Built-in module-level monitoring with Ethernet, wireless or cellular communication for full system visibility
- Fixed voltage inverter for superior efficiency (97.5%) and longer strings
- Built-in type 2 DC and AC Surge Protection, to better withstand lightning events
- Integrated Safety Switch
- UL1741 SA certified, for CPUC Rule 21 grid compliance

solaredge.com

Three Phase Inverters for the 120/208V Grid⁽¹⁾ for North America

SE14.4KUS / SE17.3KUS

| MODEL NUMBER | SE14.4KUS | SE17.3KUS |
|--|---|-----------|
| APPLICABLE TO INVERTERS WITH PART NUMBER | SEXXX-USX2IXXXX | |
| OUTPUT | | |
| Rated AC Power Output | 14400 | 17300 |
| Maximum apparent AC output power | 14400 | 17300 |
| AC Output Line Connections | 3W + PE, 4W + PE | |
| AC Output Voltage Minimum-Nominal-Maximum ⁽²⁾ (L-N) | 105-120-132.5 | |
| AC Output Voltage Minimum-Nominal-Maximum ⁽³⁾ (L-L) | 183-208-229 | |
| AC frequency Min-Max (Hz) | 59.3 - 60 - 60.5 | |
| Continuous Output Current (per Phase) | 40 | 48.25 |
| GFI Threshold | 1 | A |
| Utility Monitoring, Islanding Protection, Country Configurable Set Point | Yes | |
| THD | ≤ 3 | % |
| Power Factor Range | +/- 0.85 to 1 | |
| INPUT | | |
| Maximum DC Power (Module STC) | 21600 | 26000 |
| Transformer-less, Ungrounded | Yes | |
| Maximum Input Voltage DC- to DC- | 600 | Vdc |
| Nominal Input Voltage DC- to DC- | 400 | Vdc |
| Maximum Input Current | 40 | 48.25 |
| Maximum Input Short Circuit Current | 55 | Adc |
| Reverse-Polarity Protection | Yes | |
| Maximum Input Isolation Detection | 157kΩ Sensitivity ⁽⁴⁾ | |
| CEC Weighted Efficiency | 97.5 | % |
| Night-time Power Consumption | < 4 | W |
| ADDITIONAL FEATURES | 2 x RS485 Ethernet, Cellular (optional) | |
| Supported Communication Interfaces | With the SetApp mobile application using built-in Wi-Fi access point for local connection | |
| Inverter Commissioning | With the SetApp mobile application using built-in Wi-Fi access point for local connection | |
| Rapid Shutdown | NEC2014, NEC2017 and NEC2020 compliant/certified | |
| RS485 Surge Protection Plug-in | Supplied with the inverter. Built-in | |
| AC DC Surge Protection | Type II, Field replaceable, Built-in | |
| DC Fuses (Single Pole) | 2SA, Built-in | |
| Smart Energy Management | Export Limitation | |
| DC SAFETY SWITCH | DC Disconnect Integrated | |
| STANDARD COMPLIANCE | Safety UL1741, UL1741 SA, UL1699B, CSA C22.2 Canadian AFCI according to TLL M-07 | |
| Grid Connection Standards | IEEE1547, Rule 21, Rule 14 (R) | |
| Per Pallet | 33 pieces | |
| Per Container (40' HQ) | 660 pieces or 561 pieces (only for US) | |
| | * For detailed information, please contact your local Canadian Solar sales and technical representatives. | |
| INSTALLATION SPECIFICATIONS | AC output conduit size / AWG range W" or I" / 6 - 10 AWG | |
| DC input conduit size / AWG range | W" or I" / 6 - 12 AWG | |
| Number of DC input pairs | 4 | |
| Dimensions with Safety Switch (H x W x D) | 31.8 x 125.8 x 118.8 / 808 x 317 x 300 | |
| Weight with Safety Switch | 78.2 / 35.5 | |
| Cooling | Fans (user replaceable) | |
| Noise | < 42 | |
| Operating Temperature Range | -40 to +140 / -40 to +60 ⁽⁵⁾ | |
| Protection Rating | NEMA 3R | |
| Mounting | Bracket provided | |
| <small>(1) For 277/480V inverters refer to https://www.solaredge.com/files/default/files/inverter-three-phase-us-inverter-277-480-uspp-datasheet.pdf (2) If not allowed by the NEC2020 with 277/480VDC in one string. (3) If the inverter rated AC power < maximum nominal power per string, then the maximum power per string will be allowed to reach up to the inverter maximum input DC power. Refer to https://www.solaredge.com/resources/default/files/power-optimizers-single-string-design-requirements.pdf (4) For dual inverter per parallel connection use the maximum power per string with the supplied pair of solar. (5) For ambient temperature above +85°C / +185°F power derating is applied. Refer to Power Optimizers Temperature Derating Technical Note for more details.</small> | | |

INSTALLATION SPECIFICATIONS

Maximum Allowed System Voltage 1000 Vdc

Compatible inverters All SolarEdge Single Phase and Three Phase inverters

Dimensions (W x L x H) 129 x 153 x 275 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6" 129 x 153 x 265 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6"

Weight (including cables) 655 / 14 750 / 17 655 / 14 845 / 19 1064 / 23

Input Connector MC4⁽⁶⁾ MC4⁽⁶⁾ Single or dual MC4⁽⁶⁾ MC4⁽⁶⁾

Input Wire Length 0.16 / 0.52, 0.9 / 2.95⁽⁶⁾ 0.16 / 0.52 0.16 / 0.52 0.16 / 0.52

Output Wire Type / Connector Double Insulated / MC4 Double Insulated / MC4

Output Wire Length 12 / 3.9

Operating Temperature Range⁽⁷⁾ -40 to +85 / -40 to +185 °C / °F

Protection Rating IP65 / NEMA 3P

Relative Humidity 0 - 100 %

(6) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed.
 (7) If not allowed by the NEC2020 with 277/480VDC in one string.
 (8) For other connector types please contact SolarEdge.
 (9) For dual inverter per parallel connection use the maximum power per string with the supplied pair of solar.
 (10) For ambient temperature above +85°C / +185°F power derating is applied. Refer to Power Optimizers Temperature Derating Technical Note for more details.

PV System Design Using a SolarEdge Inverter⁽⁸⁾

| | Single-Phase HD-Wave | Single phase | Three Phase for 208V grid | Three Phase for 277/480V grid |
|--|---|---------------------|---------------------------|-------------------------------|
| Minimum String Length (Power Optimizers) | P370, P400, P401 | 8 | 10 | 10 |
| Minimum String Length (Power Optimizers) | P485, P505 | 8 | 10 | 10 |
| Maximum String Length (Power Optimizers) | 25 | 25 | 25 | 25 |
| Maximum Nominal Power per String | 5700 ⁽⁹⁾ (6000 with SE7400-US - SE7400-US) | 5250 ⁽⁹⁾ | 6000 ⁽⁹⁾ | 5750 ⁽⁹⁾ W |

(8) Parallel Strings of Different Lengths or Orientations
 (9) For 277/480V inverters refer to <https://www.solaredge.com/files/default/files/inverter-three-phase-us-inverter-277-480-uspp-datasheet.pdf>
 (10) For 277/480V grid it is allowed to install up to 12000W per string when the maximum power difference between each string is 1200W
 (11) For 277/480V grid it is allowed to install up to 12000W per string when the maximum power difference between each string is 2300W

Power Optimizer For North America

P370 / P400 / P401 / P485 / P505

POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com

Power Optimizer For North America

P370 / P400 / P401 / P485 / P505

| Optimizer model (typical module compatibility) | P370 (for higher-power 60 and 72-cell modules) | P400 (for 72 & 96-cell modules) | P401 (for high power 60 and 72-cell modules) | P485 (for high-voltage modules) | P505 (for higher current modules) |
|--|---|---------------------------------|--|---------------------------------|-----------------------------------|
| OUTPUT | | | | | |
| Rated Input DC Power ⁽¹⁾ | 370 | 400 | 400 | 485 | 505 |
| Absolute Maximum Input Voltage (Max. at lowest temperature) | 60 | 80 | 60 | 250 ⁽²⁾ | 80 ⁽³⁾ |
| MPP Operating Range | 8 - 60 | 8 - 80 | 8 - 60 | 10.5 - 105 | 12.5 - 88 |
| Maximum Short Circuit Current (acc) | 11 | 10.1 | 11.75 | 11 | 14 |
| Maximum Efficiency | 99.5 | | | | |
| Weighted Efficiency | 98.8 | | | | |
| Overvoltage Capacity | 8 | | | | |
| OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREEDGE INVERTER) | | | | | |
| Maximum Output Current | 15 | | | | |
| Maximum Output Voltage | 60 | | | | |
| OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREEDGE INVERTER OR SOLAREEDGE INVERTER OFF) | | | | | |
| Safety Output Voltage per Power Optimizer | 1 - 0.1 | | | | |
| STANDARD COMPLIANCE | | | | | |
| Photovoltaic Rapid Shutdown System | NEC 2014, 2017 & 2020 | | NEC 2014, 2017 & 2020 | | |
| ENC | FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3 | | | | |
| Safety | IEC62109-1 (class II safety), UL1741 | | | | |
| Material | UL94 V-0, UV Resistant | | | | |
| RoHS | Yes | | | | |
| INSTALLATION SPECIFICATIONS | | | | | |
| Maximum Allowed System Voltage | 1000 | | | | |
| Compatible inverters | All SolarEdge Single Phase and Three Phase inverters | | | | |
| Dimensions (W x L x H) | 129 x 153 x 275 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6" 129 x 153 x 265 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6" 129 x 153 x 33.5 / 5.1 x 6" | | | | |
| Weight (including cables) | 655 / 14 | 750 / 17 | 655 / 14 | 845 / 19 | 1064 / 23 |
| Input Connector | MC4 ⁽⁶⁾ | | | | |
| Input Wire Length | 0.16 / 0.52, 0.9 / 2.95 ⁽⁶⁾ | | 0.16 / 0.52, 0.9 / 2.95 ⁽⁶⁾ | | |
| Output Wire Type / Connector | Double Insulated / MC4 | | | | |
| Output Wire Length | 12 / 3.9 | | | | |
| Operating Temperature Range ⁽⁷⁾ | -40 to +85 / -40 to +185 °C / °F | | | | |
| Protection Rating | IP65 / NEMA 3P | | | | |
| Relative Humidity | 0 - 100 % | | | | |
| <small>(1) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed. (2) If not allowed by the NEC2020 with 277/480VDC in one string. (3) For other connector types please contact SolarEdge. (4) For dual inverter per parallel connection use the maximum power per string with the supplied pair of solar. (5) For ambient temperature above +85°C / +185°F power derating is applied. Refer to Power Optimizers Temperature Derating Technical Note for more details.</small> | | | | | |
| PV System Design Using a SolarEdge Inverter⁽⁸⁾ | | | | | |
| | Single-Phase HD-Wave | Single phase | Three Phase for 208V grid | Three Phase for 277/480V grid | |
| Minimum String Length (Power Optimizers) | P370, P400, P401 | 8 | 10 | 10 | |
| Minimum String Length (Power Optimizers) | P485, P505 | 8 | 10 | 10 | |
| Maximum String Length (Power Optimizers) | 25 | 25 | 25 | 25 | |
| Maximum Nominal Power per String | 5700 ⁽⁹⁾ (6000 with SE7400-US - SE7400-US) | 5250 ⁽⁹⁾ | 6000 ⁽⁹⁾ | 5750 ⁽⁹⁾ W | |

(8) Parallel Strings of Different Lengths or Orientations
 (9) For 277/480V inverters refer to <https://www.solaredge.com/files/default/files/inverter-three-phase-us-inverter-277-480-uspp-datasheet.pdf>
 (10) For 277/480V grid it is allowed to install up to 12000W per string when the maximum power difference between each string is 1200W
 (11) For 277/480V grid it is allowed to install up to 12000W per string when the maximum power difference between each string is 2300W

ev•o•lu•tion
noun ˌɛv ə ˈlʊʃ ə n

a process of continuous change from a lower, simpler state, to a higher, more complex, or better state
 : growth

Three Components

- Universal Design
- Space-Saving Reverse Basket Design

No Tools Needed

- Rugged Construction
- Base protecting / Non-penetrating

Innovative Design

- Fiberglass
- Proprietary racking enables fast installation in less than half the time of other systems
- No tools needed for assembly—one-step pivot clamp secures panels to racking
- Versatility to accommodate all framed PV solar panels on the market
- Eliminates need to penetrate roof with fasteners on most installations
- Smaller footprint than competitive systems saves roof space and adds flexibility
- 10" tilt available
- Elevated system—does not impede water drainage
- Non-corrosive
- No thermal expansion

www.dynoraxx.com Phone: 1.866.620.2410 sales@dynoraxx.com

Rugged Construction

- Baskets—fiberglass
- Rails—fiberglass
- Clamps— 304 stainless steel

Easy Installation

- Initial measurement and chalk line needed for placement of first row
- Precision components require no field measuring
- Assembles without tools
- Save time and labor to install more modules per hour

High Performance

- PE



ST. DENIS SCHOOL

73 LAWRENCE STREET
YONKERS, NY 10705

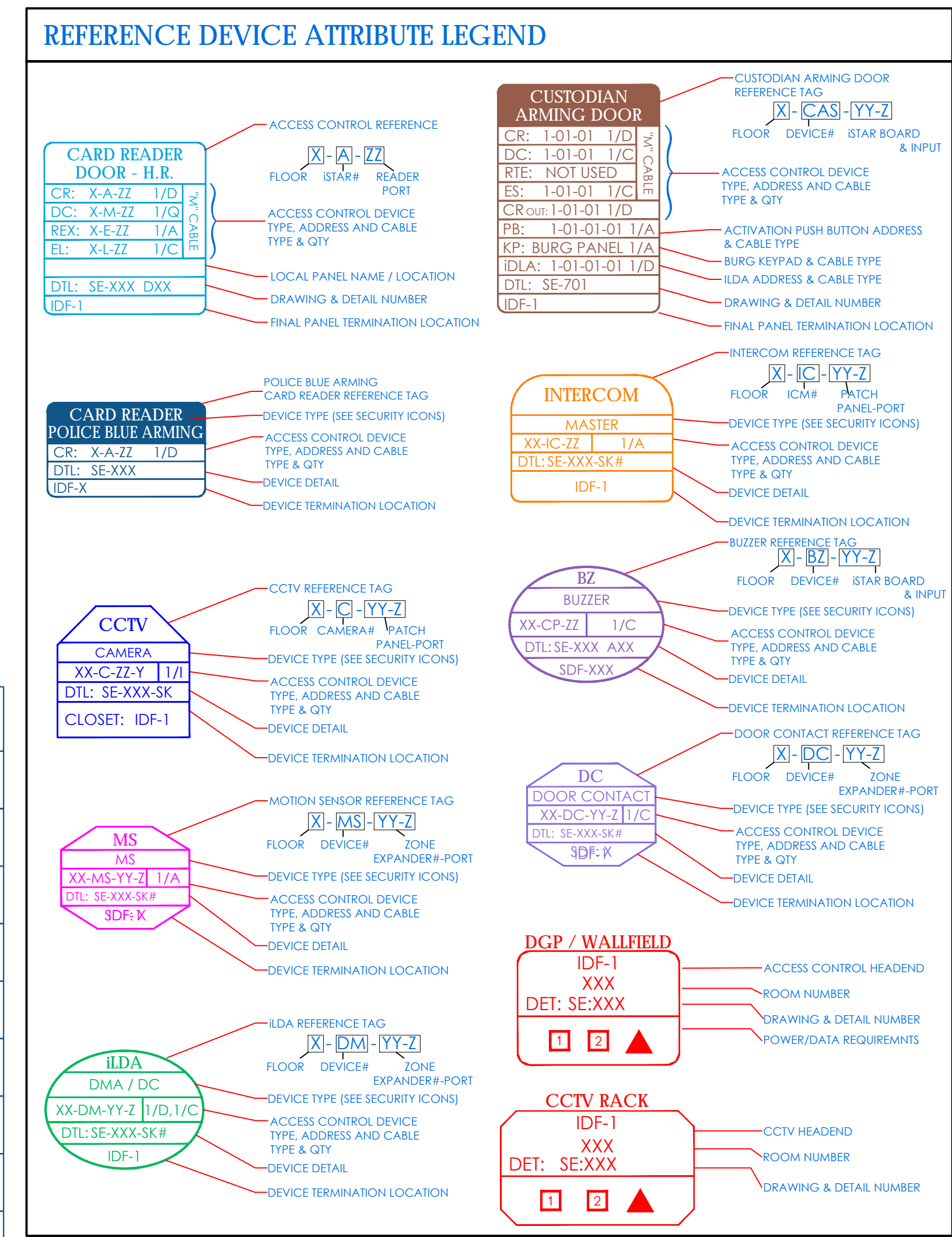
SECURITY UPDATE PROJECT

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



ITG Larson, Inc.
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



SECURITY DEVICES LEGEND

| | | | |
|--------------------|---|----------------------------------|---|
| CR | CARD READER | LR = LONG RANGE EL = ELEVATOR | BIO = BIOMETRIC BC = BARCODE |
| DDC | DOUBLE DOOR CONTACTS | R = RECESS S = SURFACE | DPDT = DOUBLE POLE DOUBLE THROW |
| DC | DOOR CONTACT | R = RECESS S = SURFACE | DPDT = DOUBLE POLE DOUBLE THROW |
| KP | BURG PANEL KEY PAD | | |
| DO | ELECTRIFIED DOOR OPERATOR (PBO) | | |
| OH | OVERHEAD DOOR CONTACT | DPDT = DOUBLE POLE DOUBLE THROW | |
| EL | ELECTRIC MORTISE LOCK | REX = REQUEST TO EXIT BUILT IN | |
| ML | ELECTROMAGNETIC LOCK | | |
| ES | ELECTRIC STRIKE LOCK | | |
| ECOL | END OF LINE RESISTOR | | |
| REX | REQUEST TO EXIT MOTION SENSOR | | |
| ILDA | INTELLIGENT LOCAL DOOR ALARM (ILDA) - "D" CABLE | | |
| CB | ELECTRIC LOCKING CRASH BAR | REX = BUILT IN REQUEST TO EXIT | |
| MS ₍₁₀₎ | MOTION SENSOR (LONG RANGE) - "A" CABLE | | MOTION SENSORS WILL BE WALL MOUNTED UNLESS MOTION SENSOR IS 360° CEILING TYPE |
| MS ₍₃₀₎ | MOTION SENSOR (SHORT RANGE) - "A" CABLE | | |
| BUZ | BUZZER | | |
| TMP | TEMPERATURE SENSOR | | |
| MON | VIDEO MONITOR | | |
| ICM | INTERCOM | S=SUBSTATION M=MASTER | VS=VIDEO SUBSTATION VM=VIDEO MASTER |
| S | SIREN | | |
| CAS | CUSTODIAN ARMING STATION | | |
| ADA | ADA PUSHBUTTON | X=IN / OUT | |
| DO | AUTOMATIC DOOR OPENER | | |
| CM | FIXED MINI DOME OUTDOOR VANDAL CAMERA | | |
| IM | FIXED MINI DOME INDOOR CAMERA | | |
| PTZ | PTZ DOME OUTDOOR CAMERA | | |
| PTZ | PTZ DOME INDOOR CAMERA | | |
| FB | FIXED BOX OUTDOOR CAMERA | | |
| FB | FIXED BOX INDOOR CAMERA | | |
| 360 | 360° DOME OUTDOOR CAMERA | | |
| 360 | 360° DOME INDOOR CAMERA | | |

GENERAL NOTES

- GENERAL NOTES SHALL APPLY TO ALL DRAWINGS.
- WORK TO COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATORY AGENCIES, INCLUDING, BUT NOT LIMITED TO, NEC, OSHA, ETC.
- THE INSTALLING SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING WITH BUILDING MANAGEMENT THE USE OF ELEVATOR OR OTHER HOSTING FACILITIES FOR HANDLING THE DELIVERY OF MATERIALS.
- FIRE STOPPING OF ALL PENETRATIONS SHALL BE PROVIDED BY THE INSTALLING SECURITY CONTRACTOR AS REQUIRED BY CODE.
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND FINAL SYSTEM CONDUIT AND CONDUCTOR LAYOUTS SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER'S APPROVED EQUIPMENT, CONDUIT, AND WIRING SHOP DRAWINGS, AND FIELD CONDITIONS.
- THE INSTALLING CONTRACTOR MUST COORDINATE WITH THE DEVICE INSTALLATION DETAILS, AND ENSURE THAT DEVICE BACKBOXES ARE APPROPRIATE FOR THE FINAL SHOP DRAWING APPROVED DEVICE, ON A LOCATION-BY-LOCATION BASIS, AND MEET ARCHITECTURAL REQUIREMENTS FOR SURFACE OR RECESS MOUNTING. RECESS MOUNTING IS THE PREFERRED APPLICATION.
- PROVIDE APPROPRIATE METALLIC RACEWAY FOR THE SECURITY SYSTEM AS NEEDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND SO AS NOT TO EXCEED 40% CONDUIT FILL.
- THE INSTALLING CONTRACTOR SHALL PROVIDE ALL 120/220VAC AS REQUIRED FOR THE SECURITY SYSTEM UNLESS OTHERWISE NOTED. FINAL 120 VAC TERMINATIONS IN THE SECURITY EQUIPMENT SHALL BE PERFORMED BY THE INSTALLING SECURITY CONTRACTOR.
- THE INSTALLING CONTRACTOR SHALL PROVIDE AND INSTALL ALL INTERCONNECTING CONDUITS AND BACKBOXES UNDER THE SECURITY EQUIPMENT AND TERMINATE ALL WIRES AS SHOWN IN THIS DRAWING SET.
- THE INSTALLING CONTRACTOR SHALL PROVIDE AND INSTALL ALL CABLE PASS-THROUGH HOLES IN MILLWORK UNLESS OTHERWISE NOTED.
- THE INSTALLING CONTRACTOR SHALL PROVIDE AND INSTALL ALL OVERHEAD CABLE SUPPORTED BY LHOLES, CABLE TRAY OR EQUIVALENT. CABLE SHALL NOT BE SUPPORTED BY CEILING GRID, DUCTWORK, SPRINKLER PIPES, ELECTRICAL CONDUIT OR GAS PIPES.
- THE INSTALLING CONTRACTOR TO PROVIDE GROUNDINGS OF ALL ELECTRONICS EQUIPMENT ON THE PLYWOOD BACKBOARD, USE GROUNDING BAR OR COORDINATE WITH GENERAL CONTRACTOR FOR NEAREST GROUNDING LOCATION.
- THE INSTALLING CONTRACTOR SHALL PREP ALL DOORS FOR DOOR HARDWARE. THIS INCLUDES MAGNETIC LOCKS, ELECTRIC LOCKS, DOOR FRAMES FOR ELECTRIC STRIKES, HOLES FOR DOOR CONTACTS AND MAGNETIC LOCK ASSEMBLIES.
- THESE DRAWINGS INDICATE THE GENERAL INTENT OF WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE CONTRACT.
- ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND PROVIDED WITH PULL WIRES AND BIRIBIRDS, WHERE CONDUITS OR WIREWAYS PASS THROUGH FIRE RATED ASSEMBLIES, THE PENETRATIONS SHALL BE FIRE STOPPED.
- PRIOR TO SYSTEM TURN-ON, THE INSTALLING SECURITY CONTRACTOR SHALL REVIEW THE INSTALLATION OF ALL ELECTRIFIED DOOR HARDWARE WITH OWNERS REP TO VERIFY CORRECT INSTALLATION & PROPER FUNCTIONING.
- AT THE TIME OF ACCESS CONTROL SYSTEM TURN ON, THE INSTALLING CONTRACTOR SHALL PROVIDE THE SAME PERSONNEL WHO PERFORMED & SUPERVISED THE WORK TO TROUBLESHOOT, TEST THE INSTALLATION AND REMEDY ALL RELATED PUNCH LIST ITEMS FOR FINAL COMMISSIONING.
- THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR REMEDY OF ANY CABLE &/OR EQUIPMENT INSTALLATION PROBLEMS AND ALL RELATED PUNCH LIST ITEMS.
- CLIENTS FIRE ALARM CONTRACTOR SHALL PROVIDE A SET OF NORMALLY CLOSED (N/C) CONTACTS TO RELEASE ON GENERAL ALARM.
- THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR PROVIDING BACK A COMPLETE, MARKED UP SET FOR THE GENERATION OF CORRECT AS BUILT DRAWINGS, INSTALLING SECURITY CONTRACTOR IS TO PROVIDE THE SECURITY PROJECT MANAGER WITH THE UPDATED SETS AND REVIEW.
- ALL WIRES TO BE MACHINE LABELED VIA SELF LAMINATING 151-77 TACS. PROVIDE FOR OWNER'S REP REVIEW PRIOR TO USE
- SECURITY SCREWS TO BE USED AS NEEDED AND EXPECTED TO MAINTAIN SYSTEMS INTEGRITY

POWER REQUIREMENTS

- POWER (EMERGENCY CIRCUIT)
ELECTRICAL CONTRACTOR TO PROVIDE A HARD WIRED CONNECTION TO A 120 VAC 20A EMERGENCY CIRCUIT DEDICATED TO SECURITY IN EACH RISER LOCATION WITHIN A 4"x4" BOX SURFACE MOUNTED 18" AFF WITH WIRE ENDS TERMINATED AND INSULATED WITH WIRE NUTS.
- POWER (NON-EMERGENCY CIRCUIT)
ELECTRICAL CONTRACTOR TO PROVIDE A HARD WIRED CONNECTION TO A 120 VAC 20A NON-EMERGENCY CIRCUIT DEDICATED TO SECURITY IN EACH RISER LOCATION WITHIN A 4"x4" BOX SURFACE MOUNTED 18" AFF WITH WIRE ENDS TERMINATED AND INSULATED WITH WIRE NUTS.

SECURITY DRAWING LIST

SE-000 COVER SHEET / LEGEND & INDEX

FLOOR PLANS

- SE-100 SECURITY UPDATE PROJECT FIRST FLOOR
- SE-102 SECURITY UPDATE PROJECT BASEMENT
- SE-103 SECURITY UPDATE PROJECT COMMUNITY FIRST FLOOR
- SE-104 SECURITY UPDATE PROJECT COMMUNITY BASEMENT
- SE-105 SECURITY UPDATE PROJECT SECOND FLOOR
- SE-106 SECURITY UPDATE PROJECT THIRD FLOOR
- SE-107 SECURITY UPDATE PROJECT FOURTH FLOOR

RISER

- SE-200 SECURITY RISER DIAGRAM GROUND FLOOR, FIRST FLOOR & FIRST FLOOR
- SE-201 SECURITY RISER DIAGRAM BASEMENT, COMMUNITY FIRST FLOOR & COMMUNITY BASEMENT
- SE-202 SECURITY RISER DIAGRAM SECOND FLOOR, THIRD FLOOR & FOURTH FLOOR

CLOSET DETAILS

- SE-300 CLOSET ELEVATIONS BASEMENT MDF / IDF-1
- SE-301 CLOSET ELEVATIONS COMMUNITY BASEMENT IDF-2
- SE-302 CLOSET ELEVATIONS SECOND FLOOR IDF-3
- SE-303 CCTV ONE LINE DIAGRAM

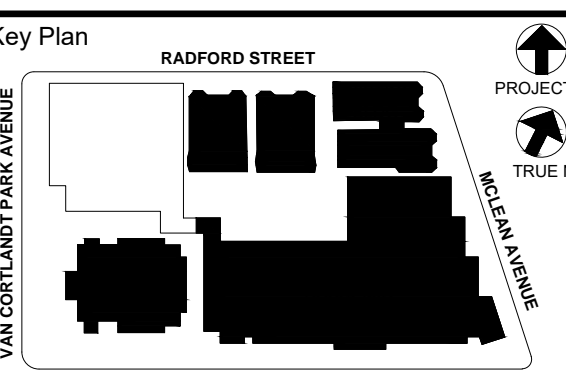
TYPICALS

- SE-700 ISTAR-OVERALL SCHEMATIC SECURITY DEVICE & POWER CONNECTION
- SE-701 ULTRA SE TYPICAL WIRING DIAGRAM FOR 16 CR DOORS W/ MOTION REX
- SE-702A ULTRA SE TYPICAL WIRING DIAGRAM FOR 16 CR DOORS W/ BUILT-IN REX
- SE-702B ULTRA SE TYPICAL WIRING DIAGRAM FOR 16 CR DOORS W/ BUILT-IN REX
- SE-703 SECURITY EQUIPMENT DETAIL 1- (DOOR TYPICALS)
- SE-703A SECURITY EQUIPMENT DETAIL 1A- (DOOR TYPICALS)
- SE-703B SECURITY EQUIPMENT DETAIL 1B- (DOOR TYPICALS)
- SE-704 SECURITY EQUIPMENT DETAIL 2- (ACCESS DEVICE TYPICALS)
- SE-705 SECURITY EQUIPMENT DETAIL 3- (ILDA DEVICE TYPICALS)
- SE-705A SECURITY EQUIPMENT DETAIL 4- (BURG DEVICE TYPICALS)
- SE-706 SECURITY EQUIPMENT DETAIL 5- (CCTV TYPICALS)

CABLE LEGEND

| CABLE TYPE | MANUFACTURER | PART NUMBER | DESCRIPTION | USE | O.D. |
|------------|----------------|-------------|--|---|----------|
| A | REEMEE | TYPE A | 20 AWG / 2 PAIR, INDIVIDUALLY SHIELDED PLENUM PINK CABLE | INTERCOM, COMMUNICATION, REX | .194 IN |
| B | BELDEN | 3082A | MULTI-CONDUCTOR DEVICES FOR DEVICES/TYPE CABLE | PLC COMMUNICATION | .480 IN |
| C | REEMEE | TYPE C | 18AWG / 2 COND PLENUM PINK CABLE | PTZ POWER | .150 IN |
| D | REEMEE | TYPE D | 20AWG / 8 COND OVERALL SHIELD PLENUM PINK CABLE | CARD READER, COMMUNICATION | .207 IN |
| E | CORNING | 12MM62.5 | 6 STRAND 62.5UM RISER FIBER - MULTIMODE | NETWORK BACKBONE | |
| F | REEMEE | TYPE F | RS57U 20AWG PLENUM PINK CABLE | ANALOG CCTV CAMERA, ANALOG MONITOR | .214 IN |
| H | TBD | TBD | 14 AWG / 6 COND THHN STRANDED QUICK PULL CABLE COLOR: BLUE, RED, BROWN, YELLOW, PINK, WHITE | DEFINITION LOCK POWER/STATUS | |
| I | REEMEE | TYPE I | 23 AWG / 4 PAIR CAT5E - UNSHIELDED PLENUM | IP CCTV CAMERA, NETWORK | .215 IN |
| M | REEMEE | TYPE M | 4 ELEMENT COMPOSITE PINK CABLE PLENUM (A) - TYPE A; 20AWG / 2 PAIR - REX (C) - TYPE C; 18AWG / 2 COND - LOCK POWER (D) - TYPE D; 20AWG / 8 COND - CARD READER (G) - TYPE G; 20AWG / 2 COND - DOOR CONTACT | ACCESS CONTROL DOOR | .420 IN |
| P | HITACHI | 57-26S1 | 24AWG / 25 PAIR CAT5E PLENUM | PLC COMMUNICATION | .454 IN |
| Q | REEMEE | TYPE Q | 20AWG / 2 COND UNSHIELDED PLENUM | DOOR CONTACT | .150 IN |
| Z | WEST PENN WIRE | AGC3186 | 18 AWG / 6 COND OVERALL SHIELDED, PVC | PEDESTAL CARD READER | .323 IN |
| X | WEST PENN WIRE | AGC357 | 22 AWG / 2 PAIR, 1 PAIR SHIELDED, 1 PAIR UNSHIELDED, PVC | PEDESTAL INTERCOM | .235 IN |
| 4722A | REEMEE | | (S) - COMPONENT 1: CARD READER IN 1/PR (R5-48S) SHIELDED 22AWG STRANDED 2 COND (LEADER) 22AWG STRANDED 2 COND (POWER) 20AWG STRANDED (SO) - COMPONENT 2: CARD READER-OUT 1/PR (R5-48S) SHIELDED 22AWG STRANDED 2 COND (LEADER) 22AWG STRANDED 2 COND (POWER) 20AWG STRANDED (DO) - COMPONENT 3: DOOR CONTACT 2 COND - 22AWG STRANDED (EL) - COMPONENT 4: LOCK POWER 2 COND - 18AWG STRANDED (HN) - COMPONENT 5: HORN/STROBE 2 COND - 20AWG STRANDED NOT USED | ACCESS CONTROL DOOR IN / OUT CARD READERS | 0.484 IN |
| 4722B | REEMEE | | (S) - COMPONENT 1: CARD READER IN 1/PR (R5-48S) SHIELDED 22AWG STRANDED 2 COND (LEADER) 22AWG STRANDED 2 COND (POWER) 20AWG STRANDED (RX) - COMPONENT 2: REQUEST TO EXIT 4 COND - 2 COND - 22AWG (CONTACT) STRANDED 2 COND - 20AWG (POWER) STRANDED (DO) - COMPONENT 3: DOOR CONTACT 2 COND - 22AWG STRANDED (EL) - COMPONENT 4: LOCK POWER 2 COND - 18AWG STRANDED (HN) - COMPONENT 5: HORN/STROBE 2 COND - 20AWG STRANDED NOT USED | ACCESS CONTROL DOOR SINGLE CARD READER | 0.484 IN |

** FOR PROCUREMENT, PLEASE CONTACT CHRIS SCIANO AT MONTANA DATACOM



NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOLS ARCHITECTS, P.C. AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DERIVED FROM ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF JYASO.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT WILL BE NOTIFIED OF ANY DISCREPANCIES FROM DIMENSIONS AND CONDITIONS BEFORE ANY DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERNATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT ARE UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT. ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW (COPYRIGHT MATTER, GARMENT - DESIGNER ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED)

Professional Seal

| | | |
|-----|------------|---------------------------|
| No. | Date | Issue |
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

Sheet Title
COVER SHEET / LEGEND & INDEX

Job No. 2019-1026 Date 08/31/2020
Scale: AS NOTED Drawn / Checked
Sheet Number
SE-000

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

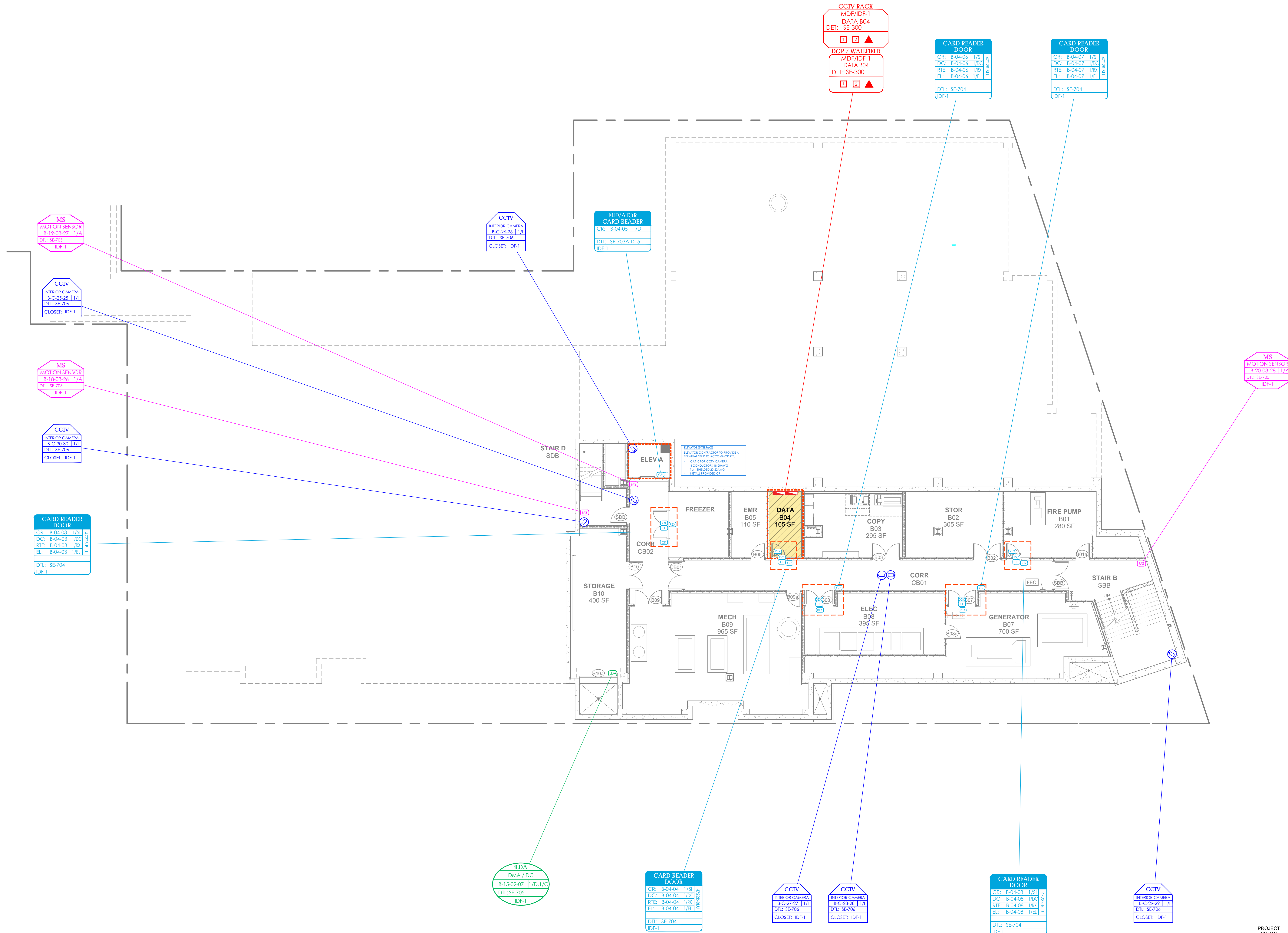
YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

121 McLean Avenue
Yonkers, NY 10705

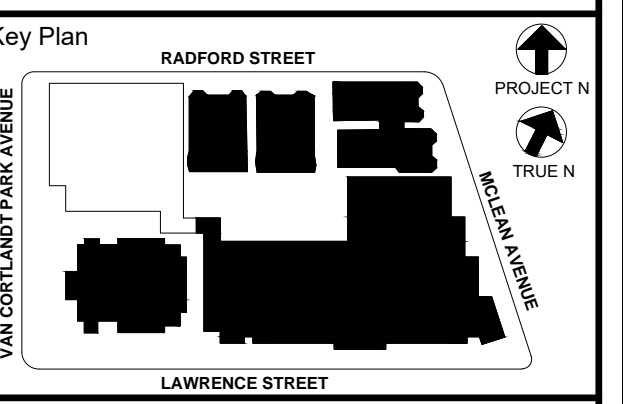
KG+D listen imagine build
KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.688.5800 KGDARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



2 BASEMENT FLOOR PLAN
 1/8" = 1'-0"



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF KG+D ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH NOTICES MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE PERSON MAKING SUCH ALTERATIONS. ARCHITECT'S PROFESSIONAL SEAL IS AFFIXED HEREIN AS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT 2022, KG+D ARCHITECTS, PC. ALL RIGHTS RESERVED.

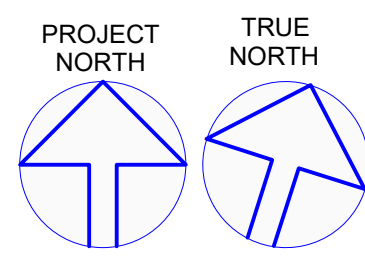
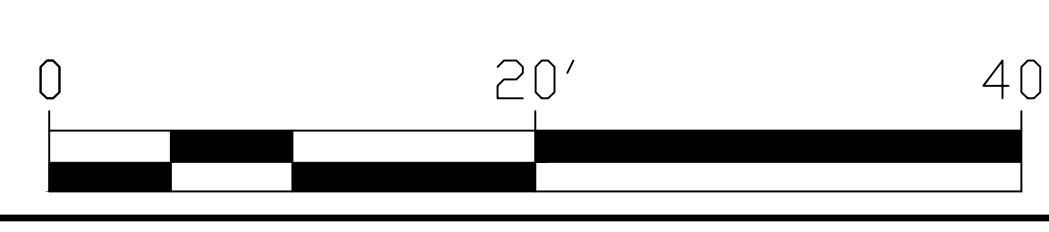
Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

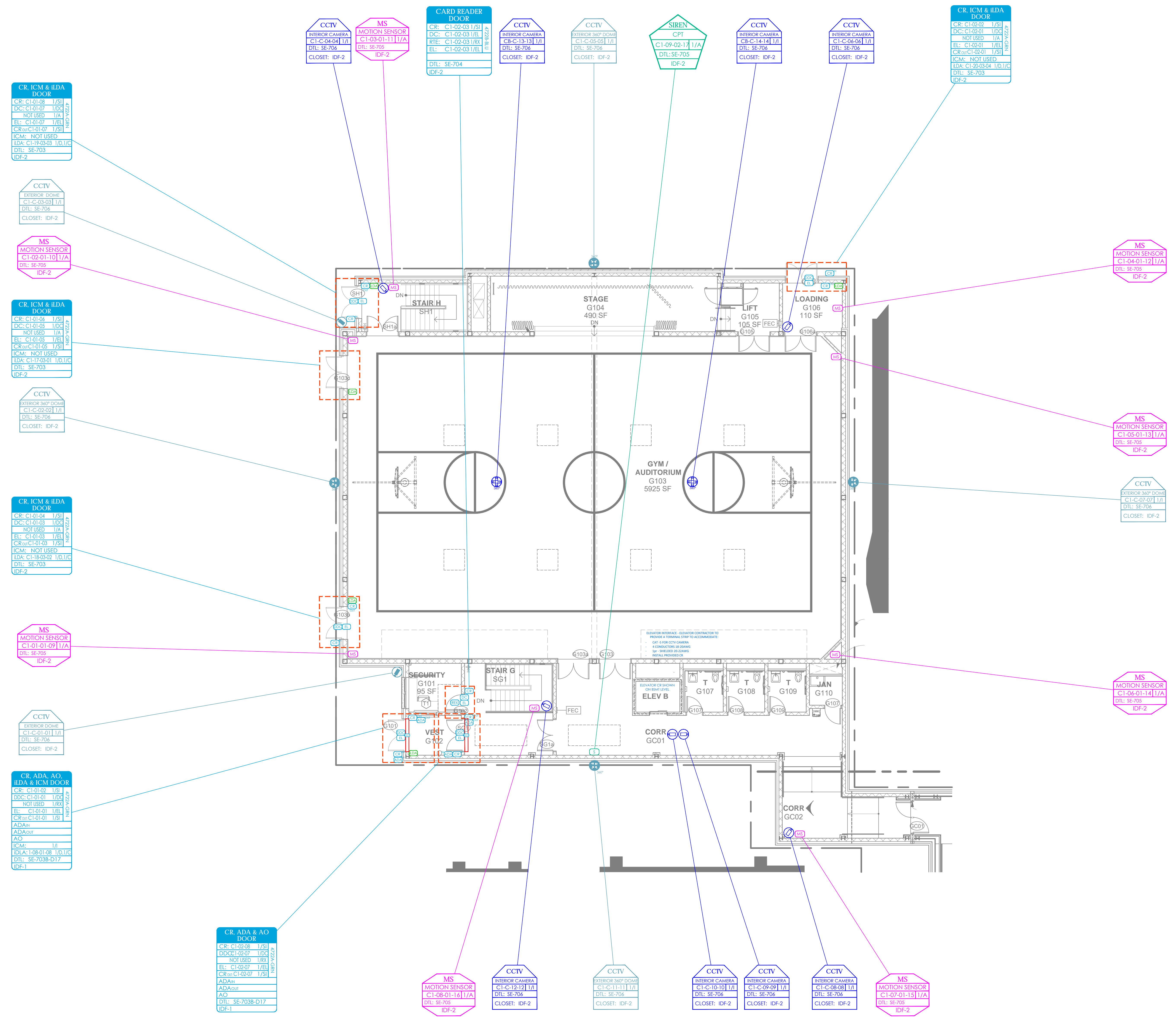
SECURITY UPDATE PROJECT BASEMENT

Job No: 2019-1026 Date: 08/31/2020
 Scale: AS NOTED Drawn / Checked

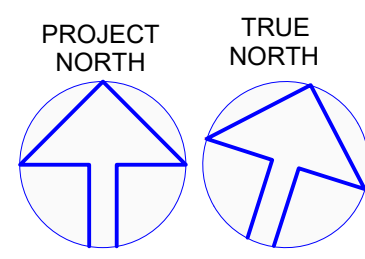
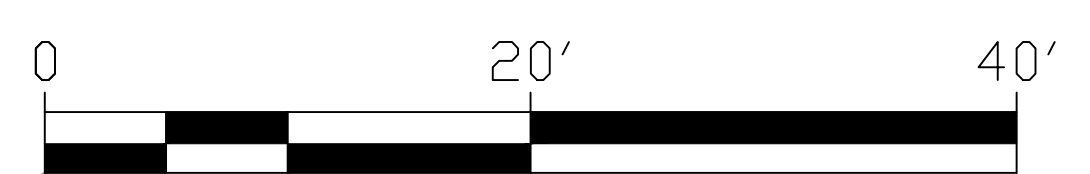
Sheet Number
SE-101



NOTE:
 1. RUN ALL CAMERAS CAT-5E TO FLOOR'S DATA CLOSET
 2. RUN ALL MOTION DETECTORS TO BASEMENT DATA CLOSET G802
 3. RUN ALL CARD READER DOORS CABLE TO BASEMENT CLOSET G802



3 COMMUNITY FIRST FLOOR PLAN
 1/8" = 1'-0"

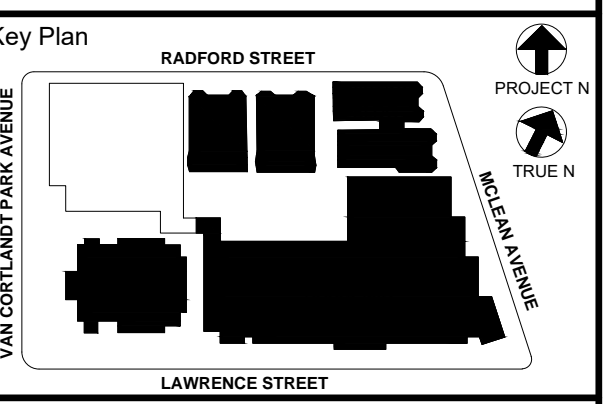


NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.688.5800 KGARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001



NOTE: ALL DEAS, BEINGS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT GUYRENT & DESIGN ARCHITECTS, PC (G&D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF G&D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 8, SECTION 2815 OF NEW YORK STATE LAW. COPYRIGHT 2022, GUYRENT & DESIGN ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

Sheet Title
SECURITY UPDATE PROJECT COMMUNITY FIRST FLOOR

Job No. 2019-1026 Date 08/31/2020
 Scale: AS NOTED Drawn / Checked

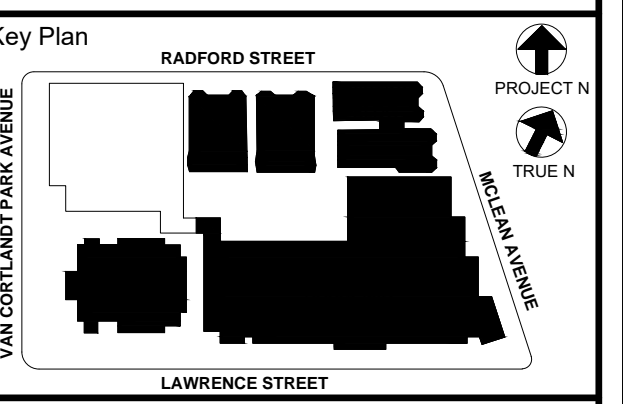
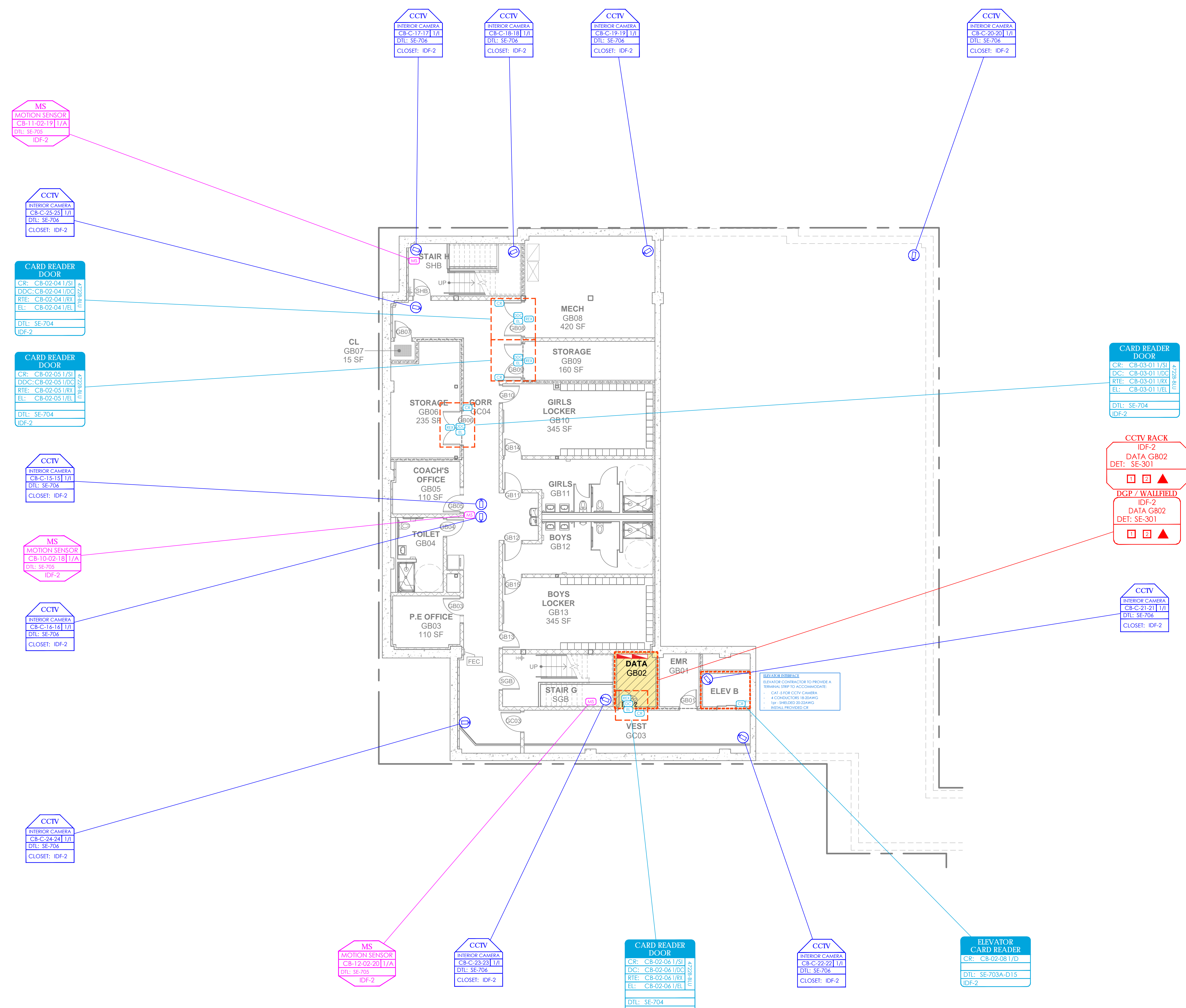
Sheet Number
SE-102

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS
CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705



NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL DEALS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KONGSKRUD & ASSOCIATES ARCHITECTS, P.C. AND THESE CANNOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF KONGSKRUD & ASSOCIATES ARCHITECTS, P.C.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, OR BEING ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-119 OF NEW YORK STATE LAW. COPYRIGHT 2020 BY KONGSKRUD & ASSOCIATES ARCHITECTS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

| | |
|---|-----------------|
| Sheet Title | |
| SECURITY UPDATE PROJECT COMMUNITY BASEMENT | |
| Job No. | Date |
| 2019-1026 | 08/31/2020 |
| Scale: | Drawn / Checked |
| AS NOTED | |
| Sheet Number | |
| | SE-103 |

4 COMMUNITY BASEMENT FLOOR PLAN
1/8" = 1'-0"



NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

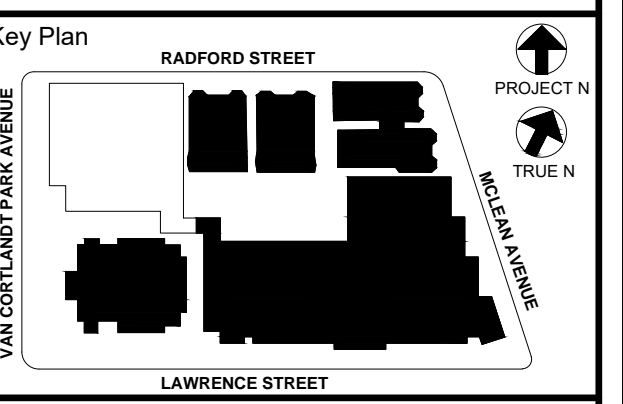
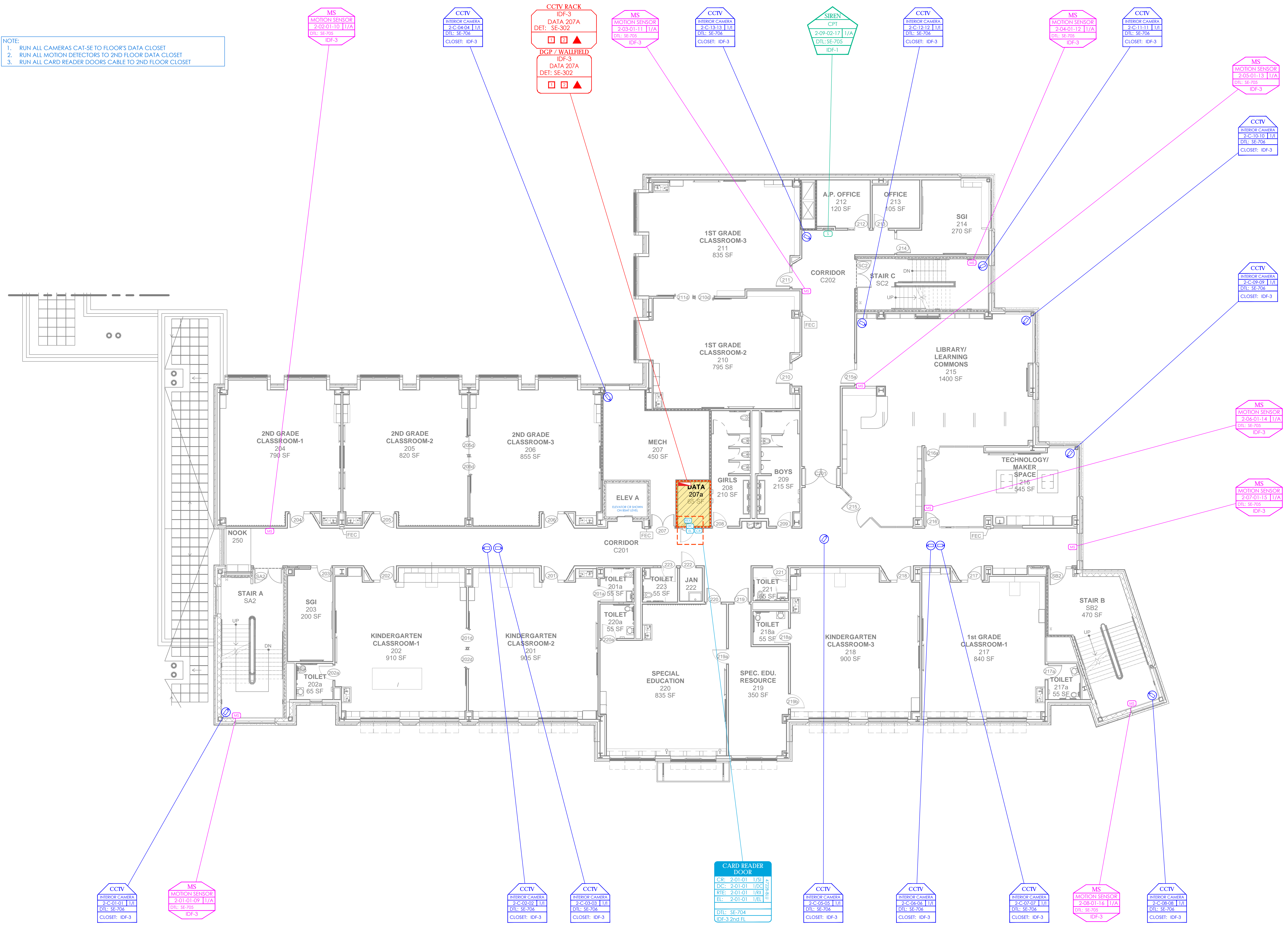
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.688.5800 KGDARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

NOTE:
 1. RUN ALL CAMERAS CAT-5E TO FLOOR'S DATA CLOSET
 2. RUN ALL MOTION DETECTORS TO 2ND FLOOR DATA CLOSET
 3. RUN ALL CARD READER DOORS CABLE TO 2ND FLOOR CLOSET



NOTE: ALL DEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT, CLIENT AND/OR ARCHITECTS, PC AND ARE HEREBY CREDITED FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF JG&D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 26-119 OF NEW YORK STATE LAW. COPYRIGHT KANTER, GARDNER & ASSOCIATES ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

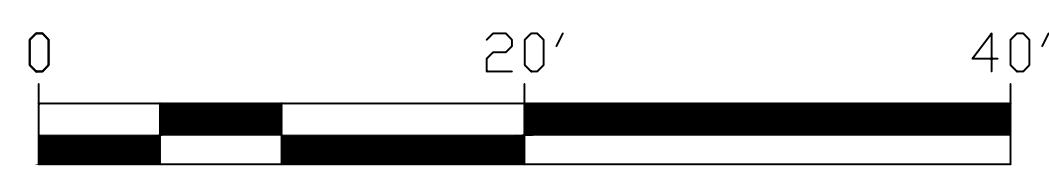
| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

SECURITY UPDATE PROJECT SECOND FLOOR

Job No: 2019-1026 Date: 08/31/2020
 Scale: AS NOTED Drawn / Checked

Sheet Number **SE-104**

5 SECOND FLOOR PLAN
 1/8" = 1'-0"



NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

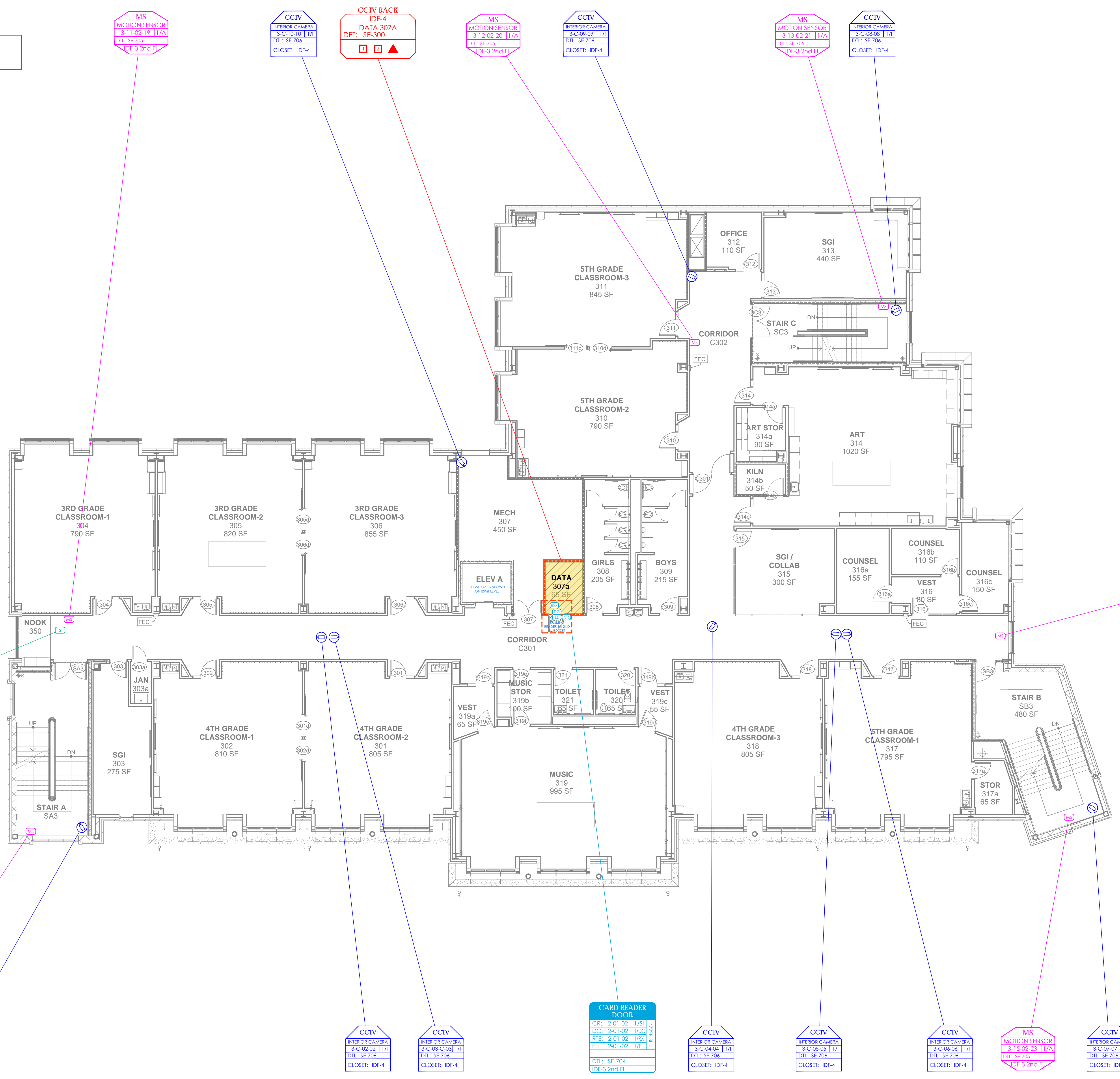
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.688.5900 KGDARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

- NOTE:
1. RUN ALL CAMERAS CAT-5E TO FLOOR'S DATA CLOSET
 2. RUN ALL MOTION DETECTORS TO 2ND FLOOR DATA CLOSET
 3. RUN ALL CARD READER DOORS CABLE TO 2ND FLOOR CLOSET



SIREN
 CPT
 3-16-02-24 I/A
 DTL: SE-705
 IDF-1

MS
 MOTION SENSOR
 3-11-02-19 I/A
 DTL: SE-705
 IDF-3 2nd Fl.

CCTV
 INTERIOR CAMERA
 3-C-10-10 I/A
 DTL: SE-706
 CLOSET: IDF-4

CCTV
 INTERIOR CAMERA
 3-C-09-09 I/A
 DTL: SE-706
 CLOSET: IDF-4

CCTV
 INTERIOR CAMERA
 3-C-08-08 I/A
 DTL: SE-706
 CLOSET: IDF-4

CARD READER DOOR
 CR: 2-01-02 I/S
 DC: 2-01-02 I/DC
 RT: 2-01-02 I/RT
 EL: 2-01-02 I/EL
 DTL: SE-704
 IDF-3 2nd Fl.

CCTV
 INTERIOR CAMERA
 3-C-04-04 I/A
 DTL: SE-706
 CLOSET: IDF-4

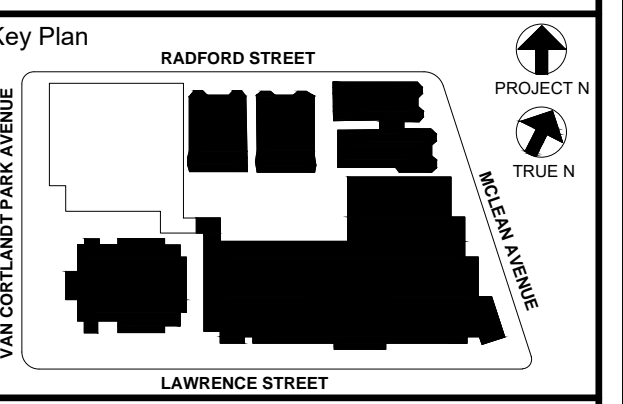
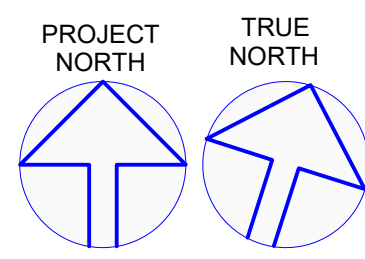
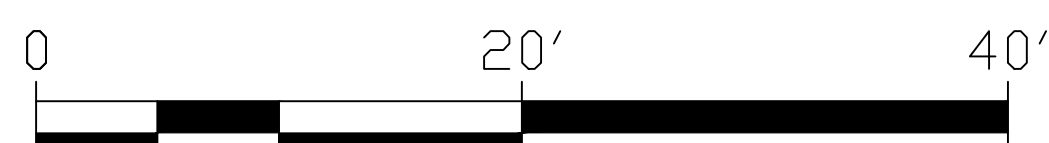
CCTV
 INTERIOR CAMERA
 3-C-05-05 I/A
 DTL: SE-706
 CLOSET: IDF-4

CCTV
 INTERIOR CAMERA
 3-C-03-03 I/A
 DTL: SE-706
 CLOSET: IDF-4

MS
 MOTION SENSOR
 3-14-02-22 I/A
 DTL: SE-705
 IDF-3 2nd Fl.

CCTV
 INTERIOR CAMERA
 3-C-07-07 I/A
 DTL: SE-706
 CLOSET: IDF-4

6 THIRD FLOOR PLAN
 1/8" = 1'-0"



NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGDARCHITECTS, PC AND THESE DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF KGDARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 26-119 OF NEW YORK STATE LAW. COPYRIGHT KAMSTER & GARDNER ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

SECURITY UPDATE PROJECT THIRD FLOOR

Job No: 2019-1026 Date: 08/31/2020
 Scale: AS NOTED Drawn / Checked

Sheet Number
SE-105

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

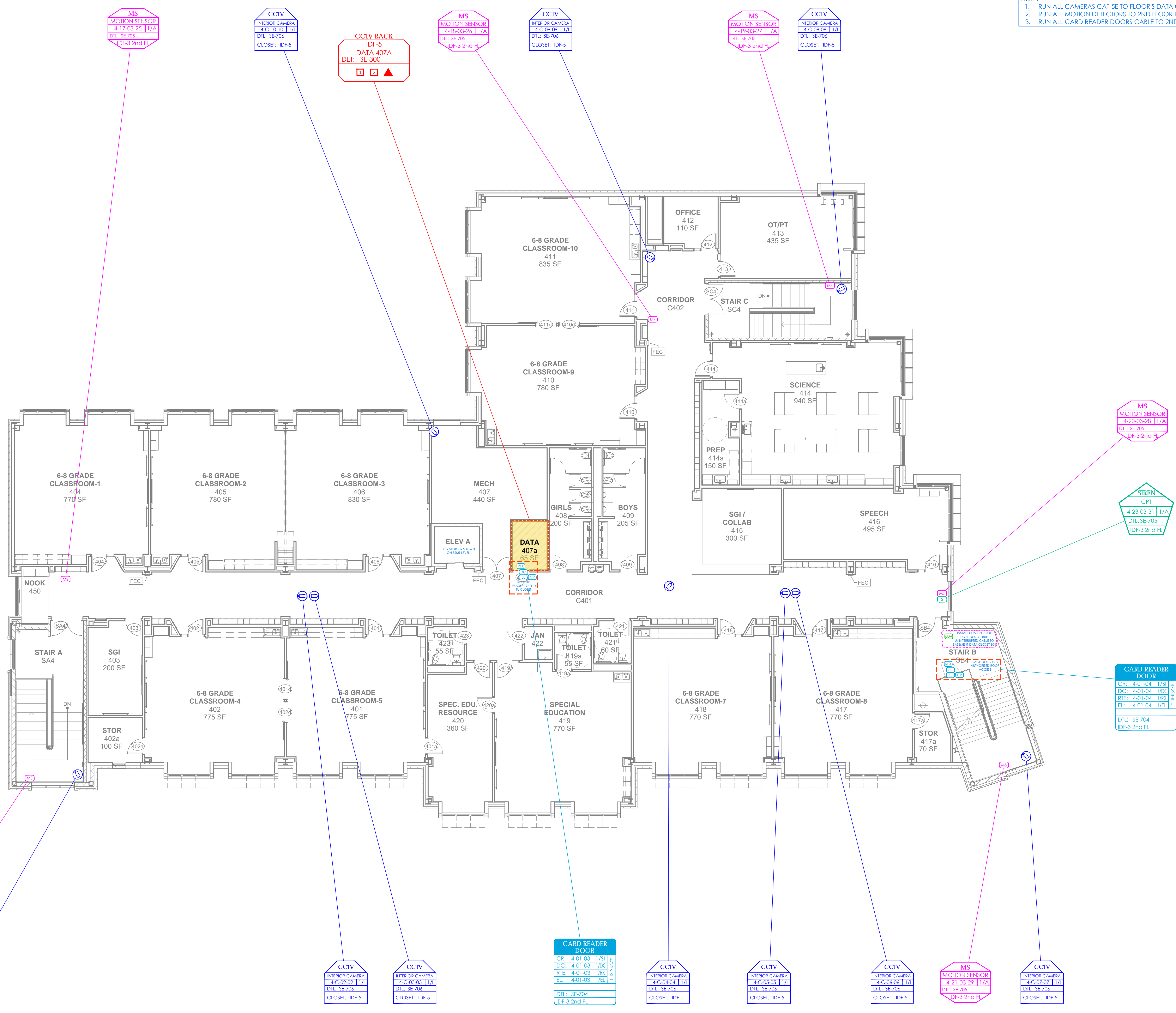
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.666.5000 KGDARCHITECTS.COM

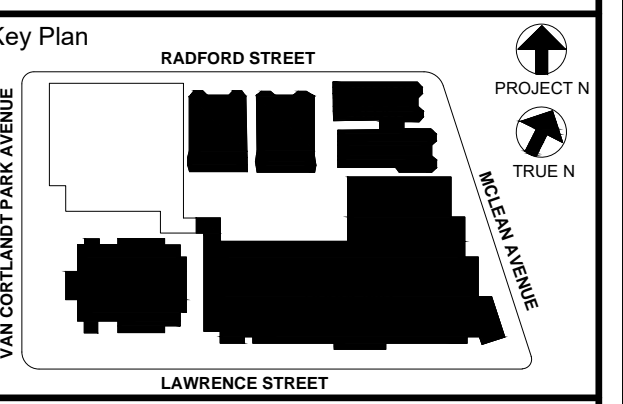
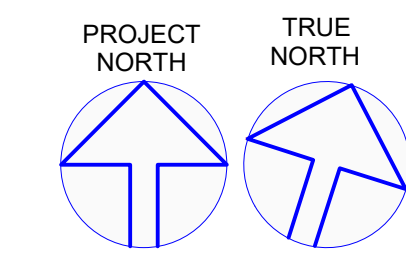
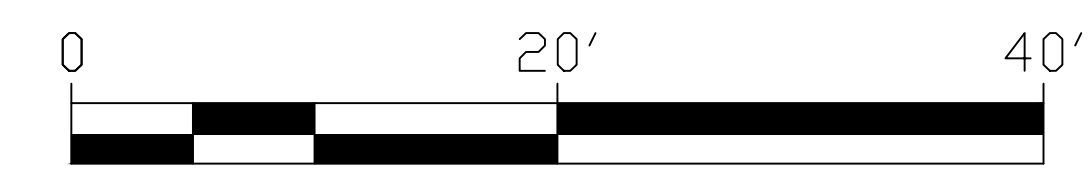
ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

- NOTE:
1. RUN ALL CAMERAS CAT-SE TO FLOOR'S DATA CLOSET
 2. RUN ALL MOTION DETECTORS TO 2ND FLOOR DATA CLOSET
 3. RUN ALL CARD READER DOORS CABLE TO 2ND FLOOR CLOSET



7 FOURTH FLOOR PLAN
 1/8" = 1'-0"



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC AND HAVE BEEN CHECKED FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE REPRODUCED OR COPIED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 8, SECTION 2615 OF THE NEW YORK STATE LAW. COPYRIGHT KAMSTER, GARDNER & DIVISION ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

| No. | Date | Issue |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

| | |
|---|-----------------|
| Sheet Title | |
| SECURITY UPDATE PROJECT FOURTH FLOOR | |
| Job No. | Date |
| 2019-1026 | 08/31/2020 |
| Scale: | Drawn / Checked |
| AS NOTED | |
| Sheet Number | |
| | SE-106 |

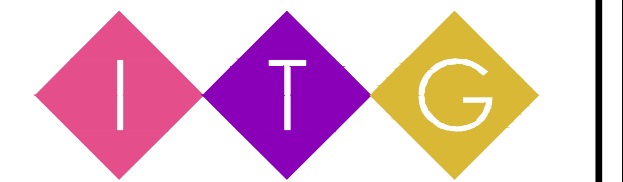
NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

121 McLean Avenue
Yonkers, NY 10705

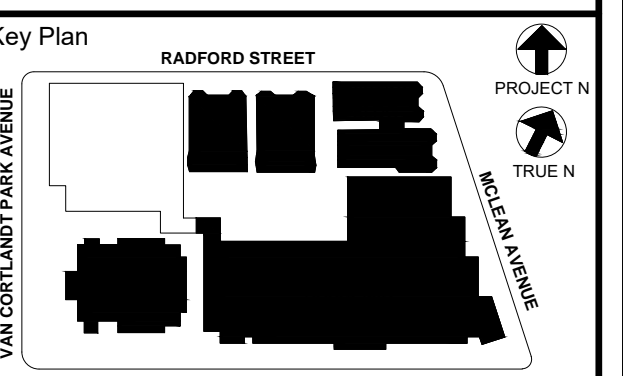


KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.688.5800 KGDARCHITECTS.COM



ITG Larson, Inc.
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KISTLER, GARDNER & DIVISION ARCHITECTS, P.C. AND THESE DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PARTY WITHOUT THE WRITTEN PERMISSION OF KISTLER, GARDNER & DIVISION ARCHITECTS, P.C.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

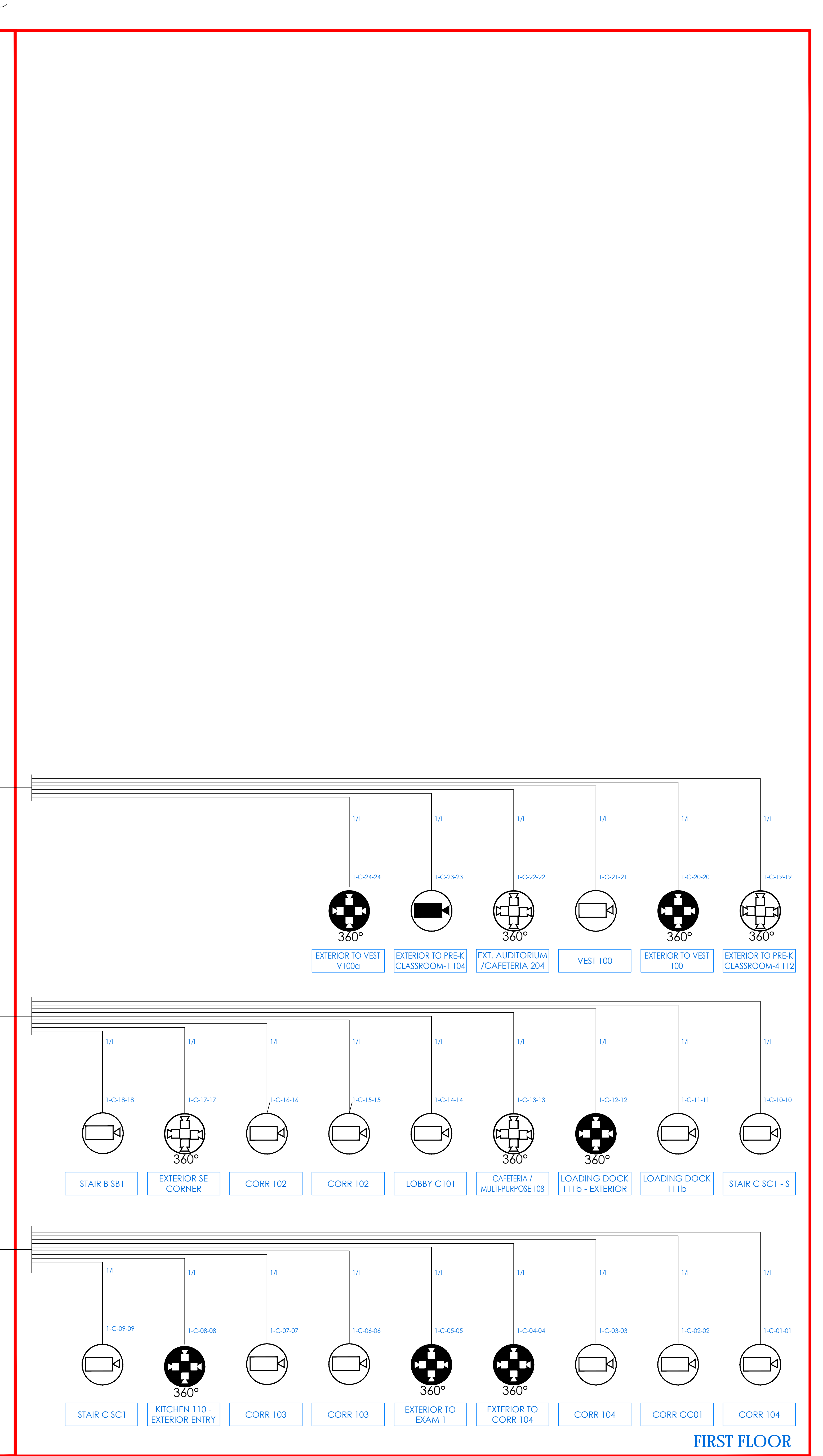
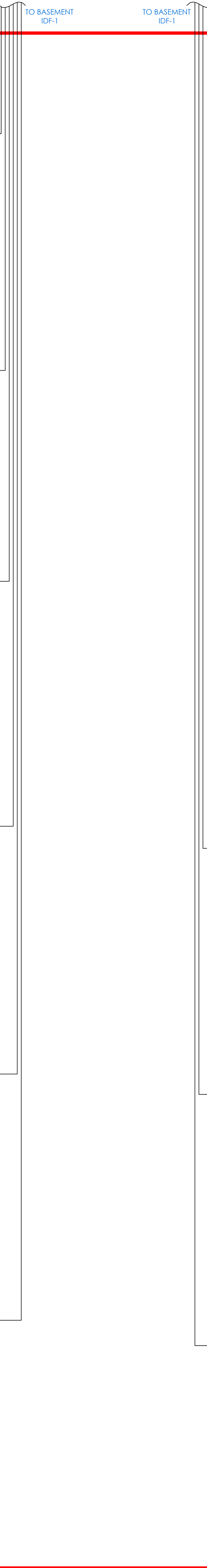
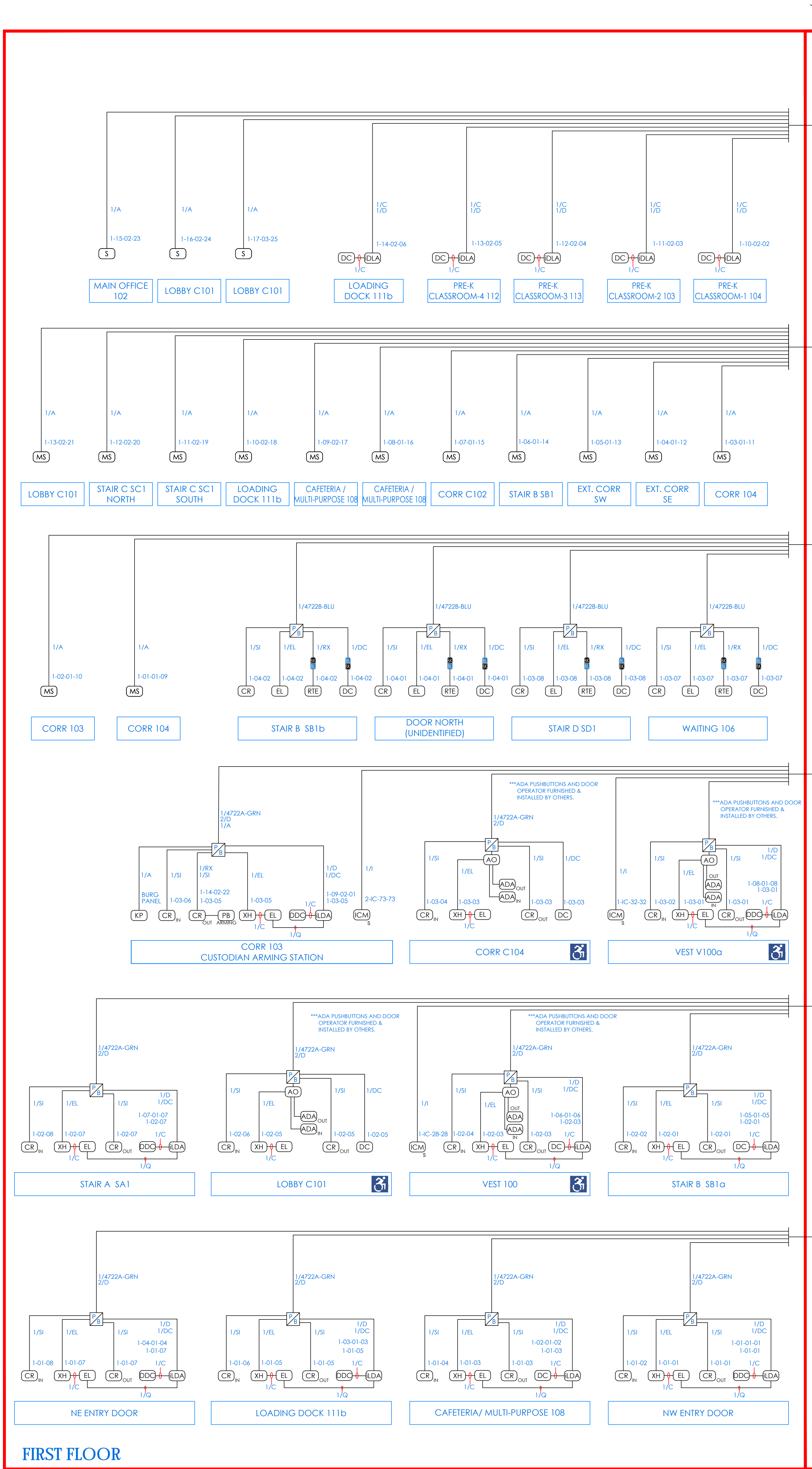
ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT KISTLER, GARDNER & DIVISION ARCHITECTS & ENGINEERS, P.C. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

SECURITY RISER DIAGRAM FIRST FLOOR

| | | | |
|--------------|---------------|---------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / | Checked |
| Sheet Number | SE-200 | | |



NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

121 McLean Avenue
Yonkers, NY 10705

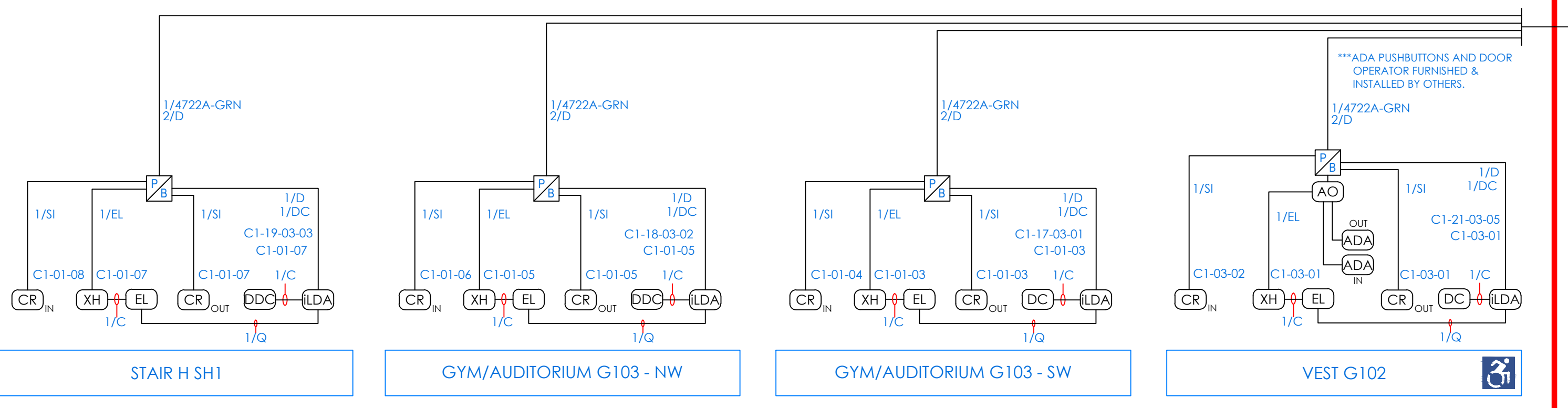
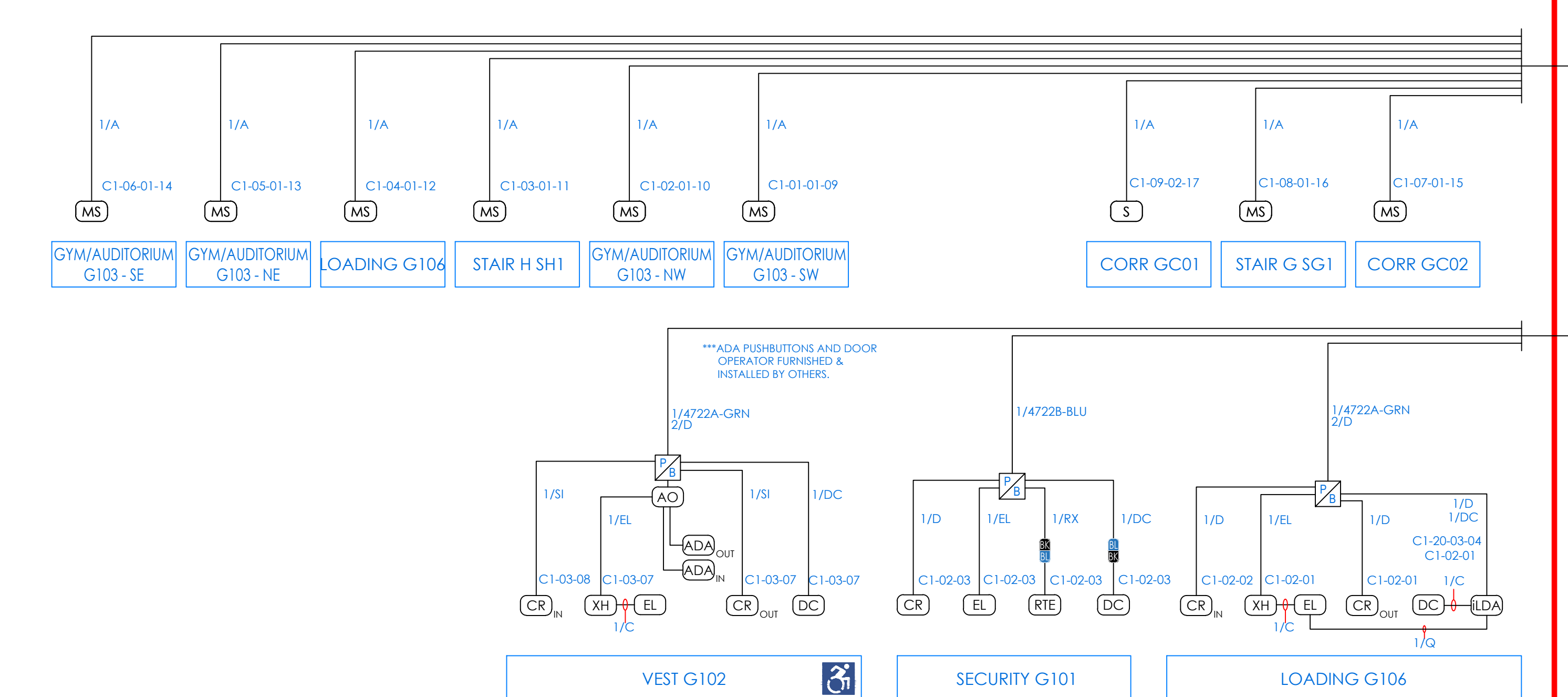
KG+D listen imagine build
KG+D ARCHITECTS, PC
 285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
 P:914.666.5500 KGDARCHITECTS.COM

ITG Larson, Inc.

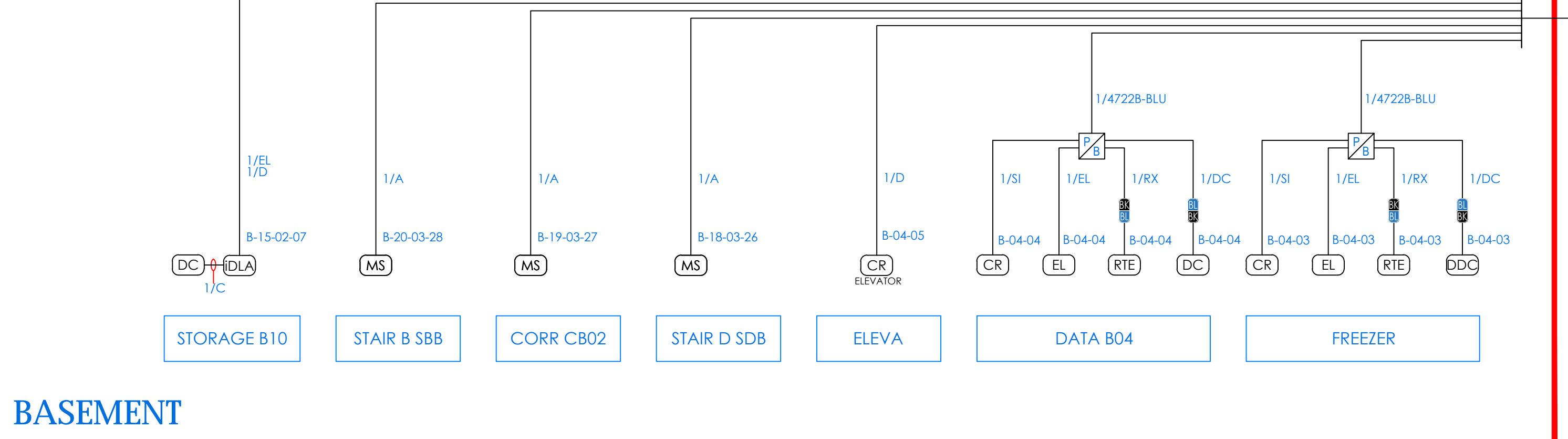
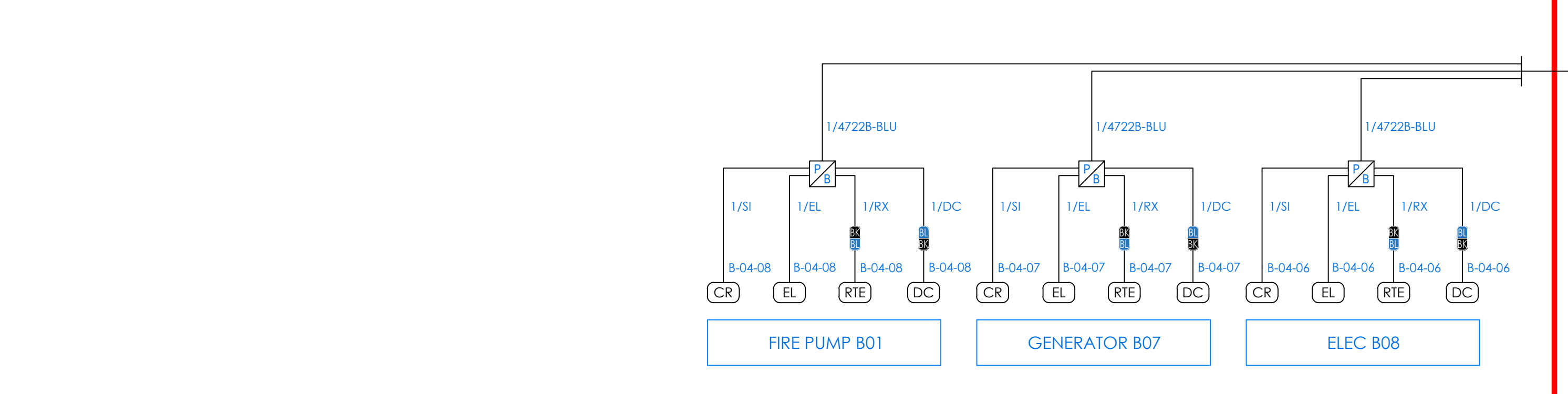
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

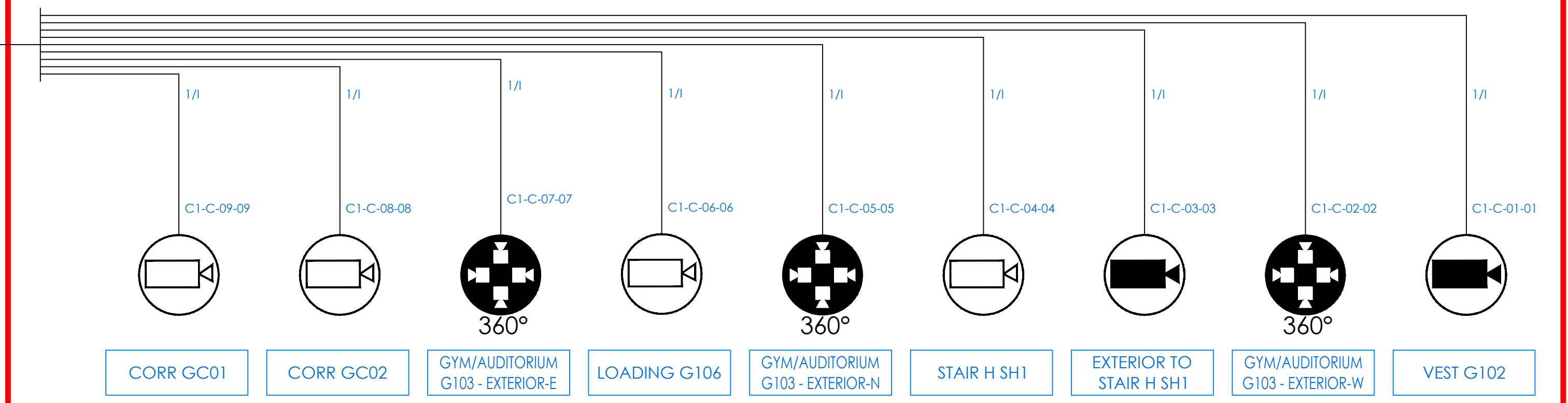
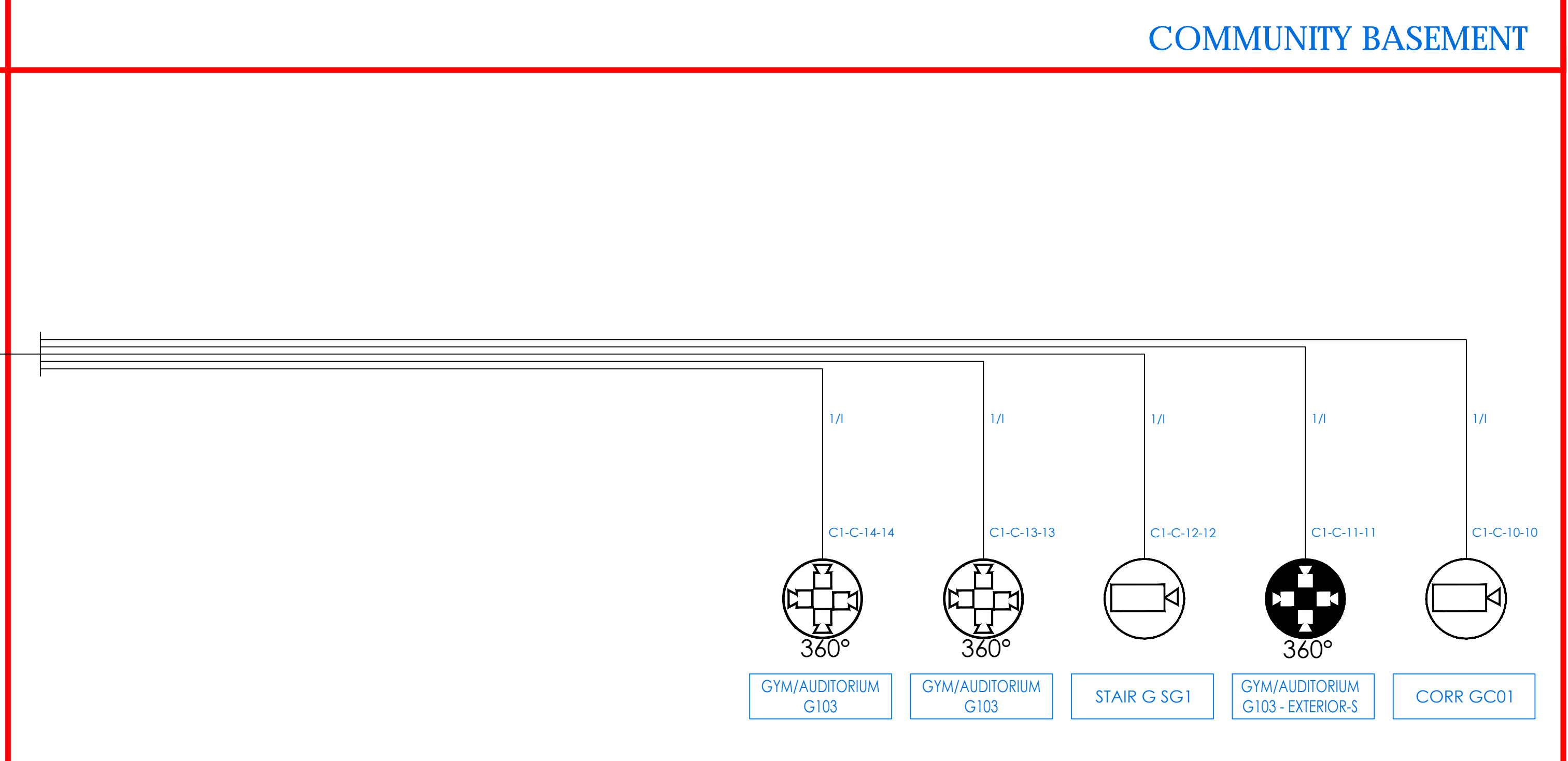
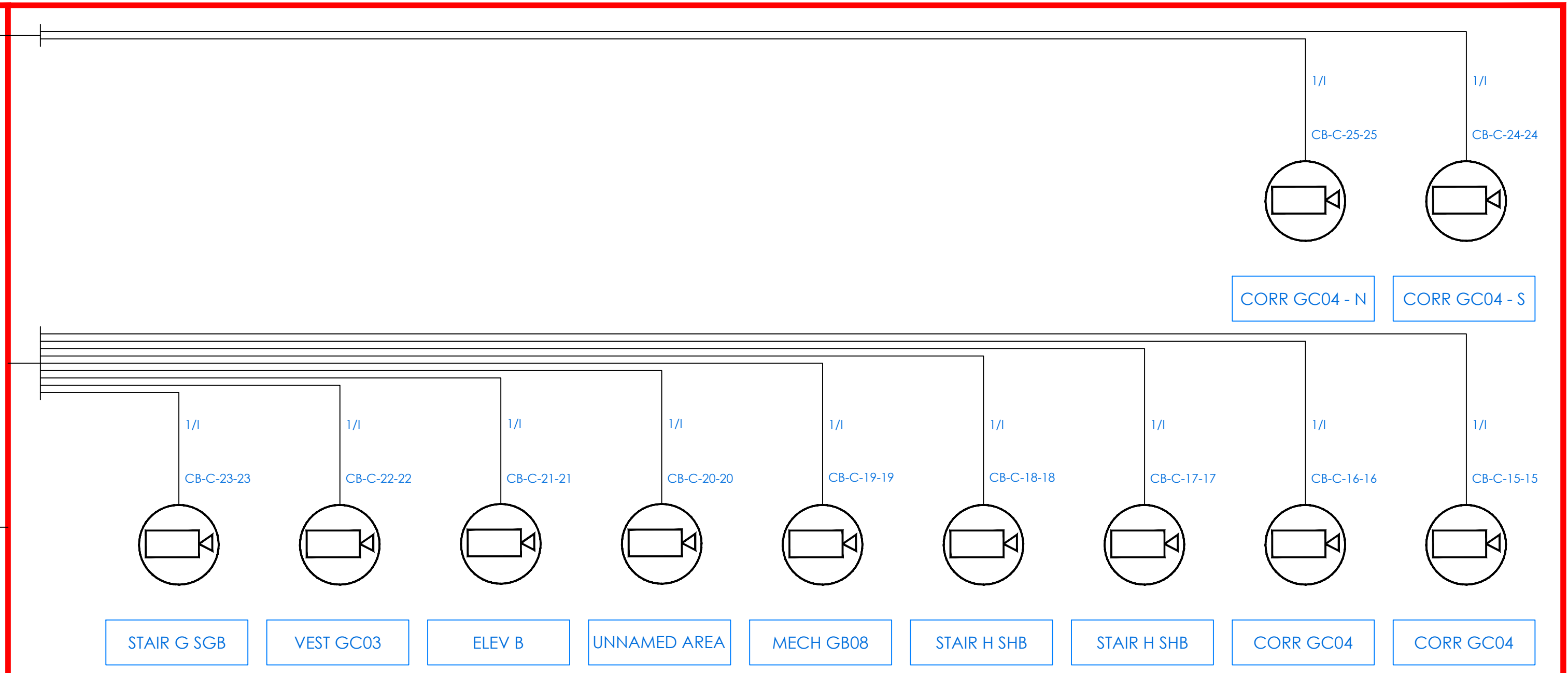
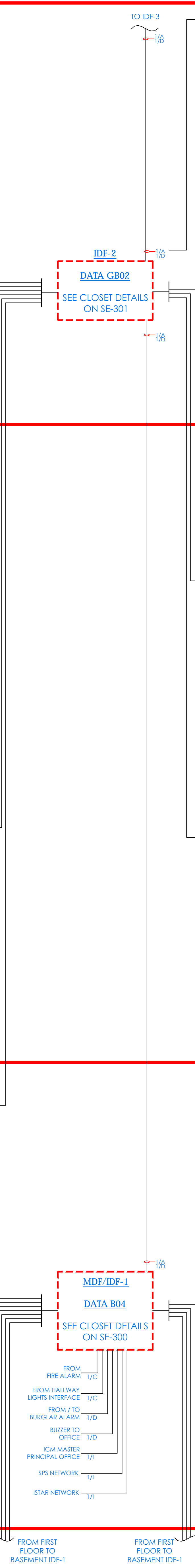
COMMUNITY BASEMENT



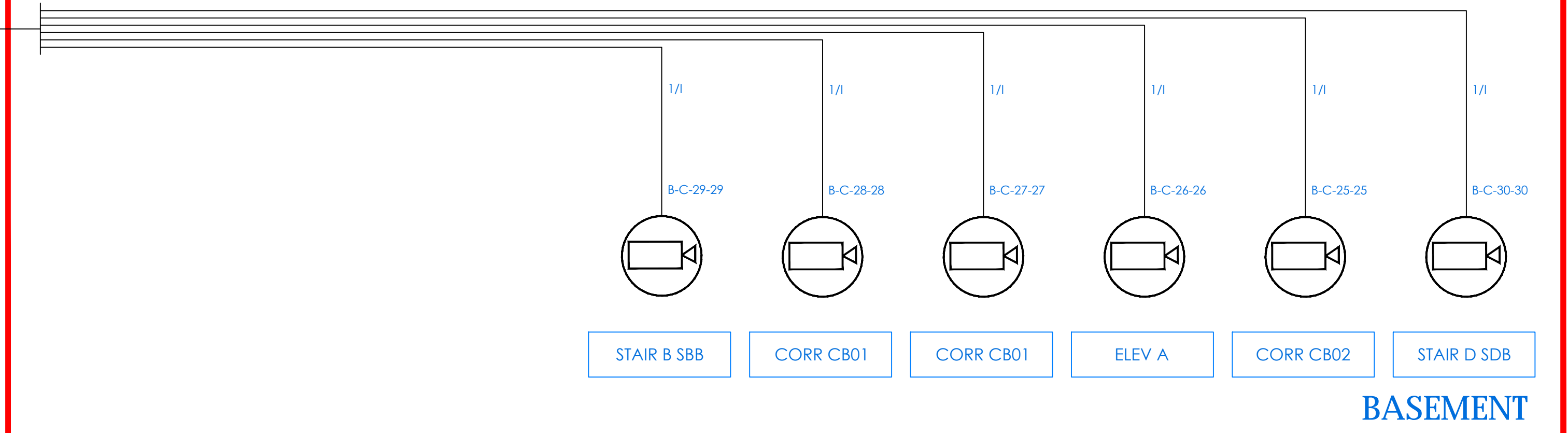
COMMUNITY FIRST FLOOR



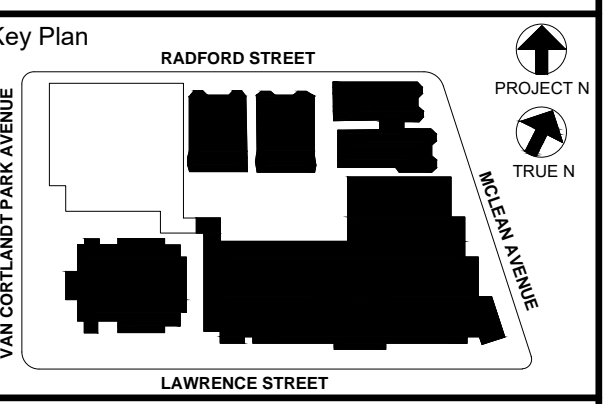
BASEMENT



COMMUNITY FIRST FLOOR



BASEMENT



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 26-109 OF THE NEW YORK STATE LAW. COPYRIGHT 2020, KG+D ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

| | | | |
|--------------|-----------|---------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / | Checked |
| Sheet Number | | | |

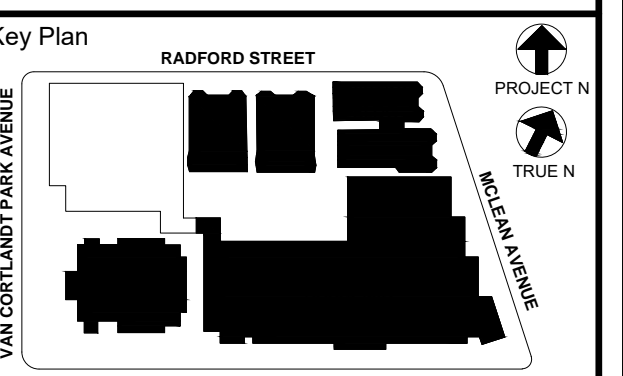
NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5000 KGDARCHITECTS.COM

ITG Larson, Inc.
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER DIMENSIONS SHOWN ON ANY OTHER DRAWING. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES OR CONFLICTS IN DIMENSIONS AND CONDITIONS SHOWN ON ANY OTHER DRAWING IMMEDIATELY UPON DISCOVERY AND BEFORE PROCEEDING WITH FABRICATION.

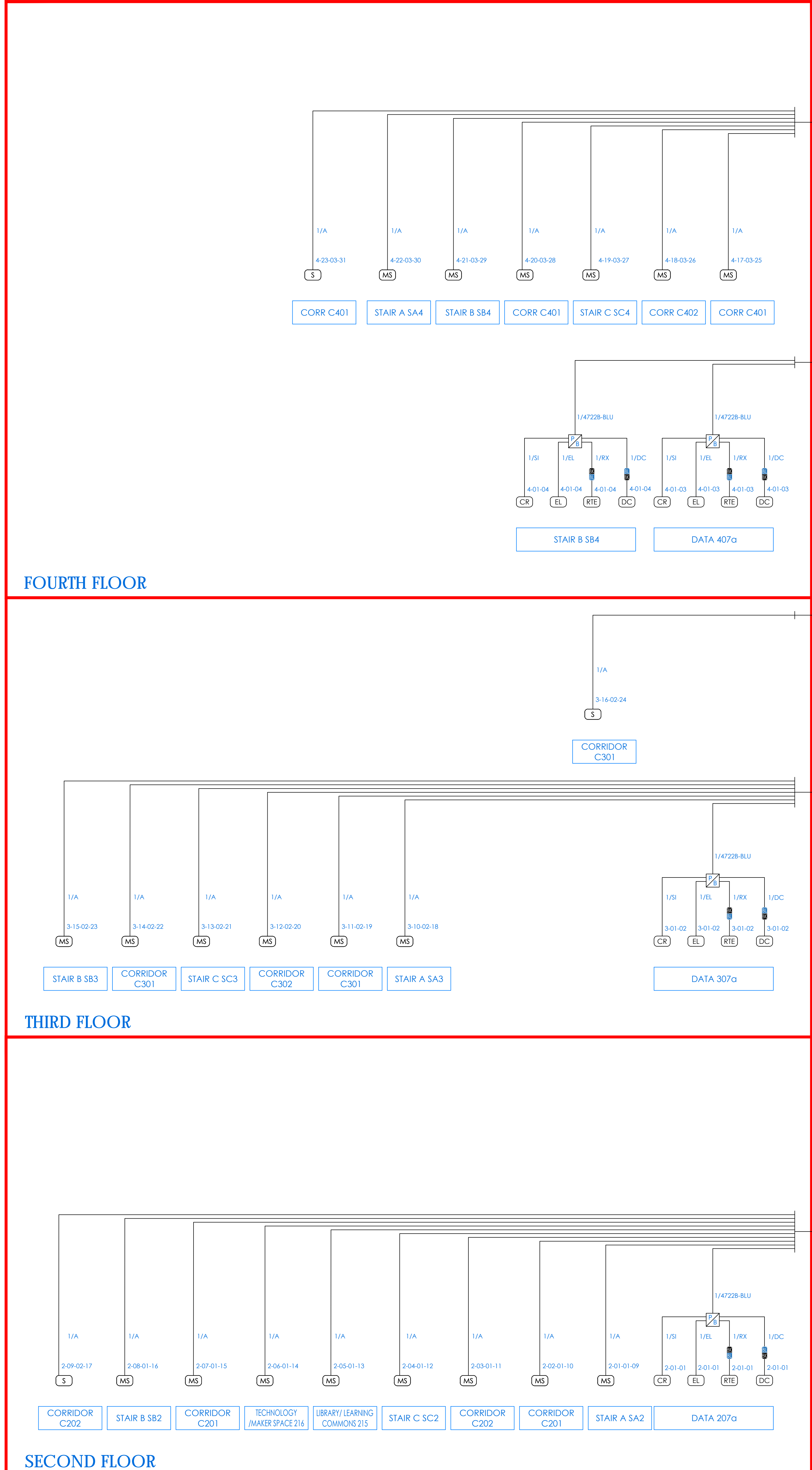
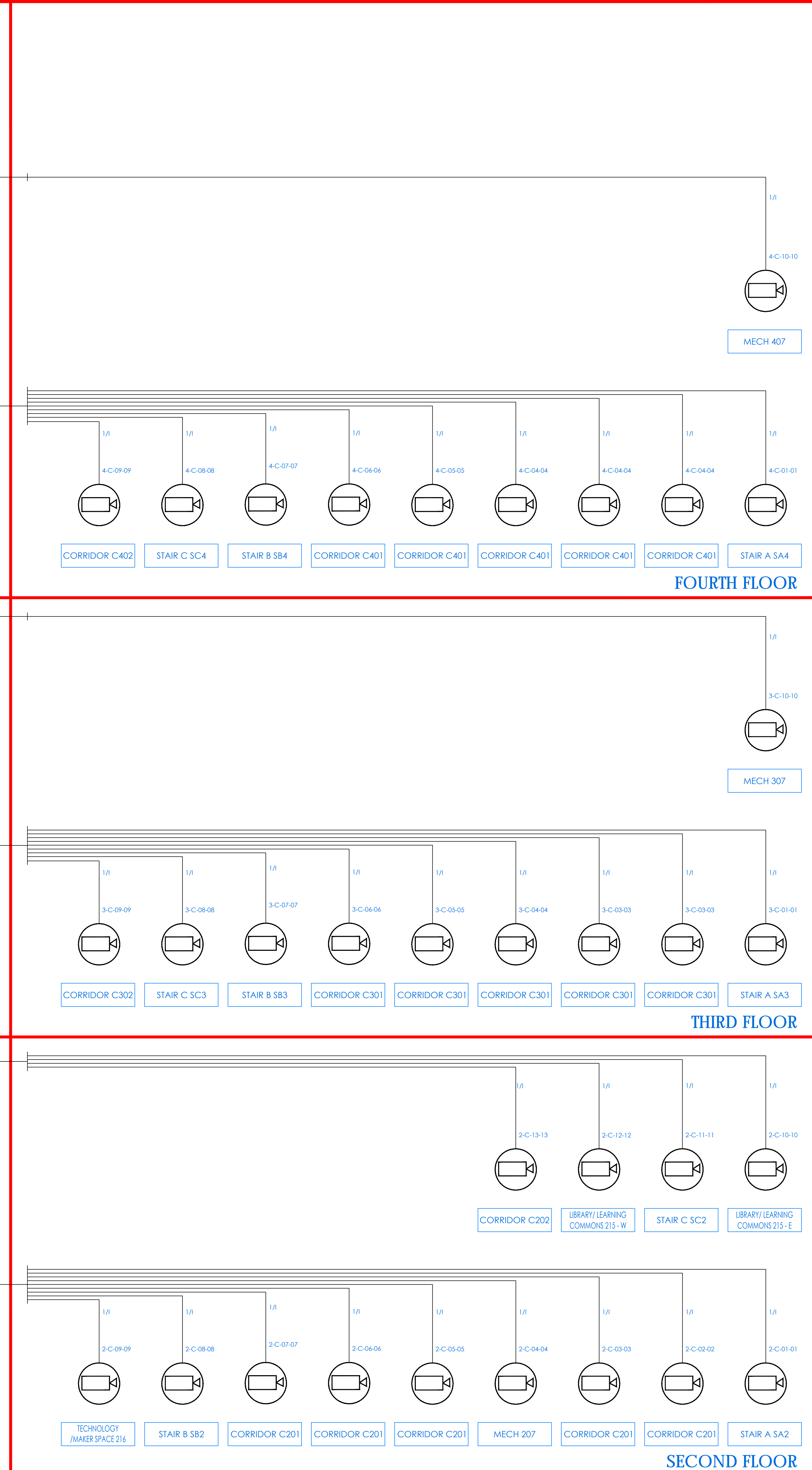
ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT'S PROFESSIONAL SEAL IS AFFIXED HEREIN AS A VIOLATION OF TITLE 8, SECTION 263 OF THE NEW YORK STATE LAW. COPYRIGHT 2020, KG+D ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

SECURITY RISER DIAGRAM SECOND FLOOR, THIRD FLOOR & FOURTH FLOOR

| | | | |
|--------------|---------------|---------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / | Checked |
| Sheet Number | SE-202 | | |



FOURTH FLOOR

THIRD FLOOR

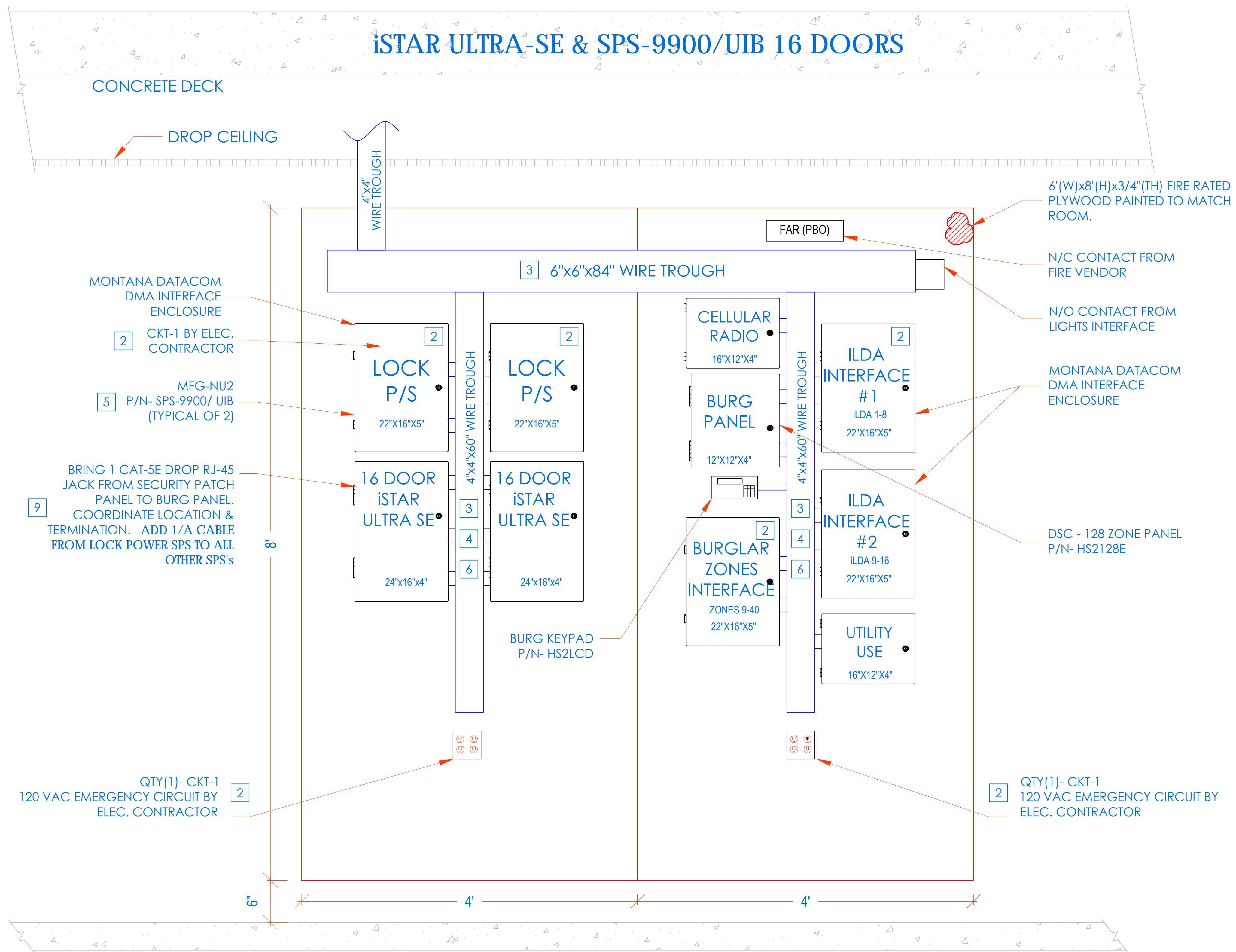
SECOND FLOOR

IDF-5
DATA 407A
SEE CLOSET DETAILS ON SE-302

IDF-4
DATA 307A
SEE CLOSET DETAILS ON SE-302

IDF-3
DATA 207A
SEE CLOSET DETAILS ON SE-302

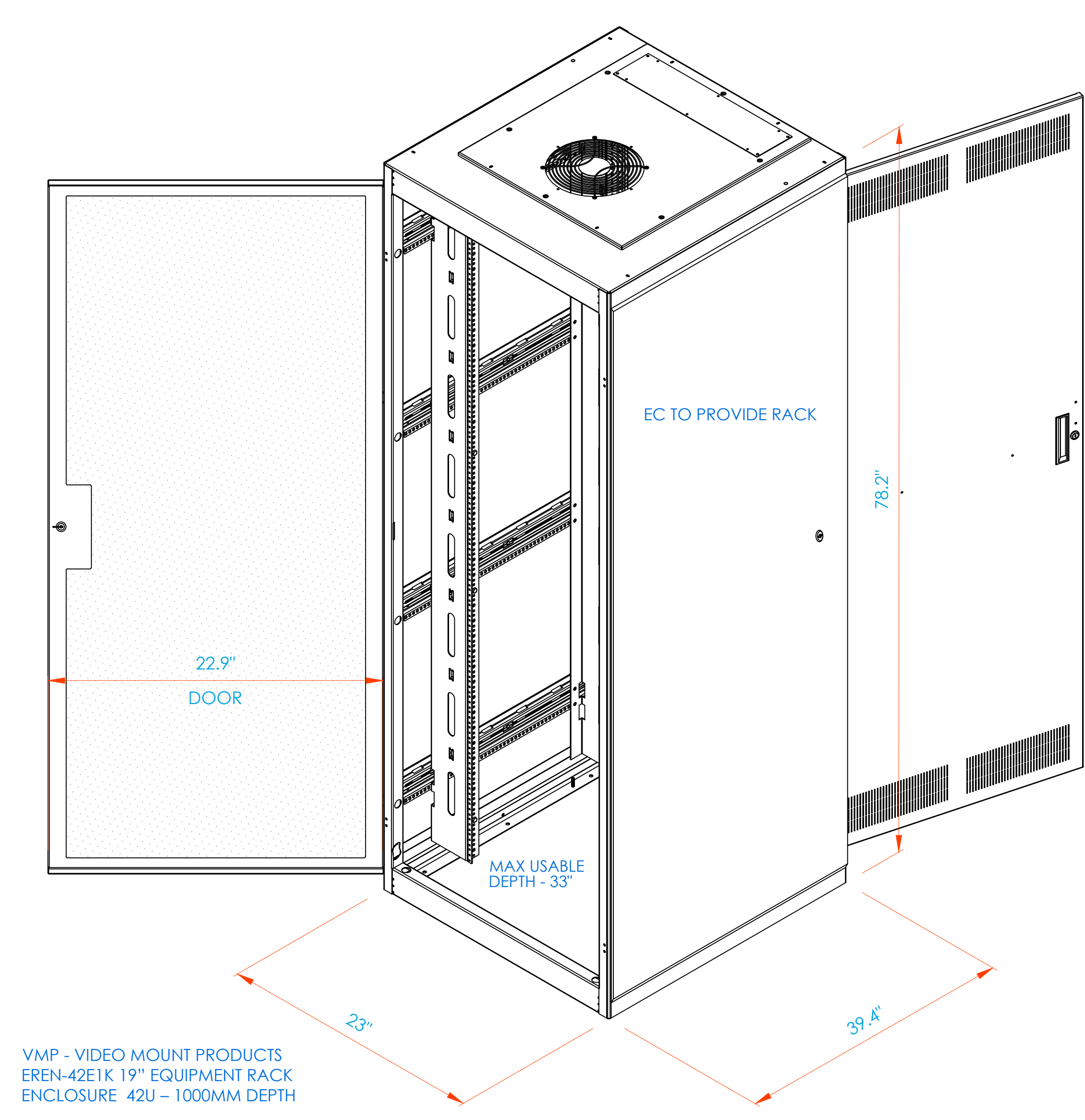
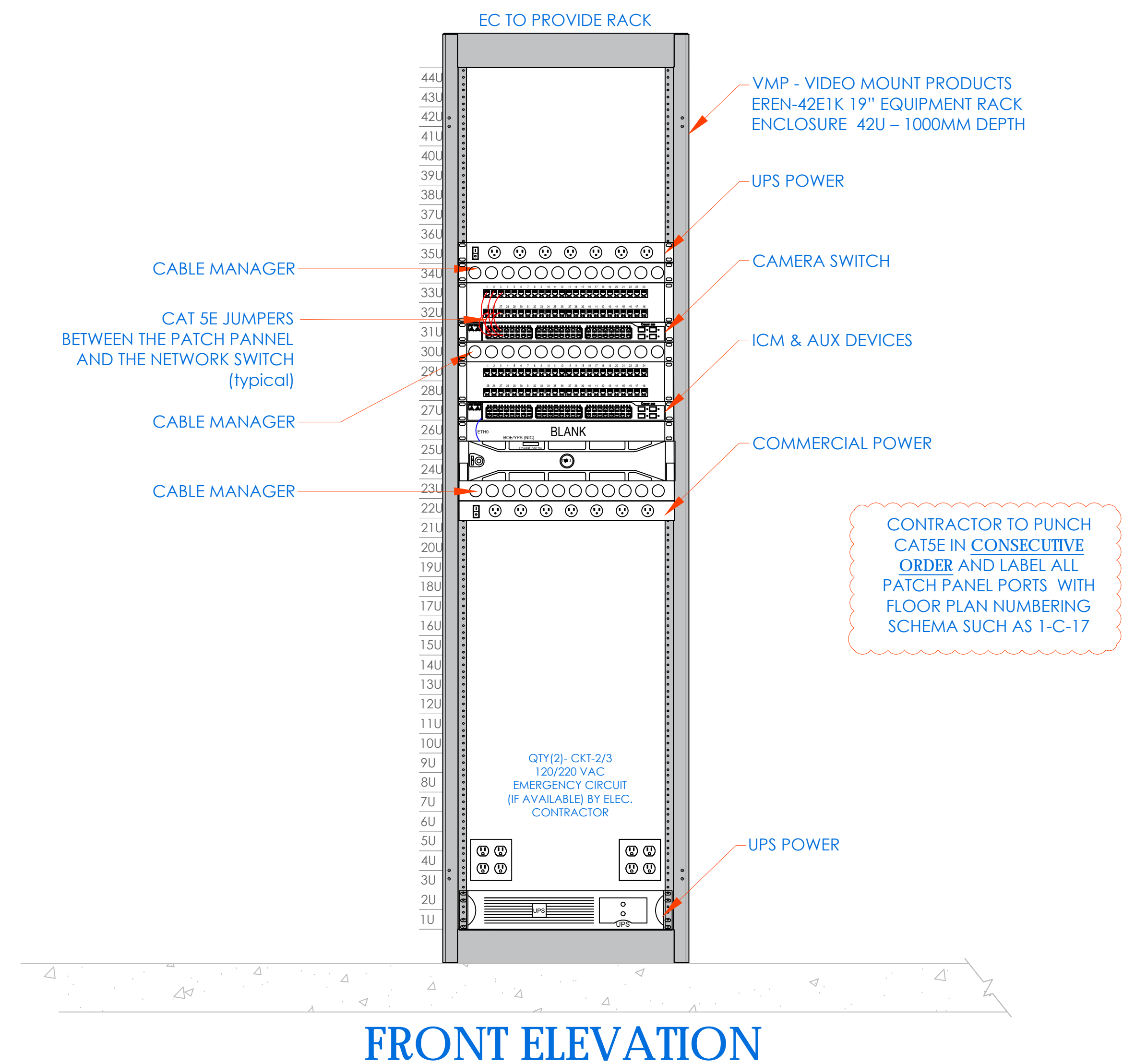
FROM IDF-2



INSTALLATION PROCEDURE
ISTAR ULTRA SE WITH SPS-9900/ UIB ACCESS CONTROL HEADEND

- LAYOUT EQUIPMENT TO BE MOUNTED AT DESIGNATED PLYWOOD (FIRE RATED AND PAINTED TO MATCH ROOM) BOARD IN SDF ROOM IN ACCORDANCE WITH THE PROVIDED ELEVATIONS HERE. STEPS KEYED ON THE DRAWINGS ARE NOTED BELOW.
- COMPLETE INSTALLATION OF 120VAC/20A DEDICATED CIRCUIT AS SHOWN.
- FURNISH AND INSTALL A 6"x6"x84" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED HORIZONTALLY, ON THE PLYWOOD 4" FROM THE TOP EDGE OF PLYWOOD.
- FURNISH AND INSTALL A 4"x4"x60" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED VERTICALLY, CENTERED ON THE PLYWOOD ADJOINING TO HORIZONTAL TROUGH. PROVIDE PUNCH OUTS TO MATCH THE EQUIPMENT AS SHOWN.
- MOUNT THE UTILITY ENCLOSURE 4" FROM BOTTOM EDGE OF VERTICAL TROUGH.
- FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE LOCK POWER SUPPLY (SPS-9900/UIB) TO THE CENTER TROUGH AS SHOWN. DO NOT ENTER BOTTOM OF P/S (INTERFERES WITH BATTERY).
- FURNISH AND INSTALL 1-1/2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE ISTAR ULTRA SE TO THE CENTER TROUGH AS SHOWN.
- MOUNT [ISTAR ULTRA SE] ENCLOSURE 1" BELOW THE LOCK POWER SUPPLY. FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM [ISTAR ULTRA SE] ENCLOSURE TO THE CENTER TROUGH AS SHOWN.
- BRING CAT-5 CABLE AND/OR MOUNT AN RJ-45 JACK FOR PANEL DATA COMM, FROM NEAREST NETWORK SWITCH TO HERE. COORDINATE TERMINATION WITH TELECOM VENDOR OR CUSTOMER'S DATA CONSULTANT. ADD 1/A CABLE FROM LOCK POWER SUPPLY (SPS) TO ALL OTHER SPS'S.
- COORDINATE WITH MEP/ BLDG MANAGEMENT TO PROVIDE ONE SET OF NORMALLY CLOSED (N/C) DRY CONTACT FROM THE SITE'S FIRE ALARM SYSTEM, TO OPEN ON GENERAL ALARM ACTIVATION. (PROVIDED BY FIRE VENDOR). ELECTRIC LOCKS MUST BE FAIL SAFE FOR THIS FUNCTIONALITY. PERFORM SAME FOR HALLWAY LIGHTS INTERFACE
- PROVIDE 18/2 PAIR OF WIRES FROM BUILDING'S LIGHTING SYSTEM. ARRANGE SUCH THAT DESIGNATED BUILDING'S LIGHTS ARE TURNED ON WHEN THE SECURITY SYSTEM CLOSSES THE CIRCUIT
- ALL CONDUITS AND CONNECTIONS SHALL BE INSTALLED TO REQUIRED ENCLOSURES AS NEEDED PER DIAGRAM PROVIDED.
- ALL CONNECTIONS BETWEEN PANELS & TROUGH SHOULD BE CHASE NIPPLES & RIGID COUPLINGS.
- INSTALL TAMPER SWITCHES AND WIRE PANELS IN SERIES TO DESIGNATED INPUT SHOWN ON POINT-TO-POINT CHARTS.

CCTV NETWORK RACK

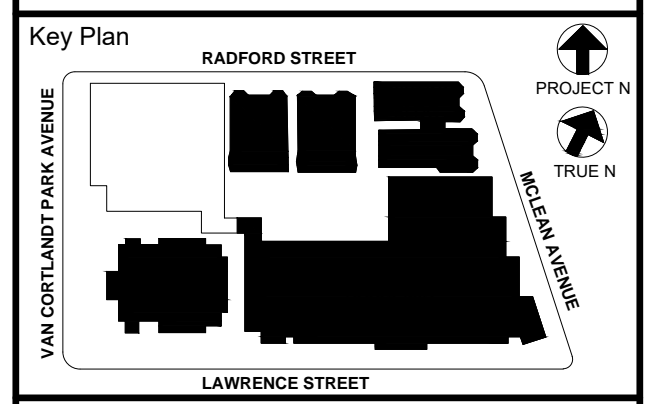


NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build
KG+D ARCHITECTS, PC
285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
P-914.688.5800 KGDARCHITECTS.COM

ITG Larson, Inc.
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGD ARCHITECTS, PC AND/OR ITG LARSON, INC. ANY REUSE OR REPRODUCTION FOR USE ON THIS PROJECT, NONE OF SUCH IDEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF KGD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

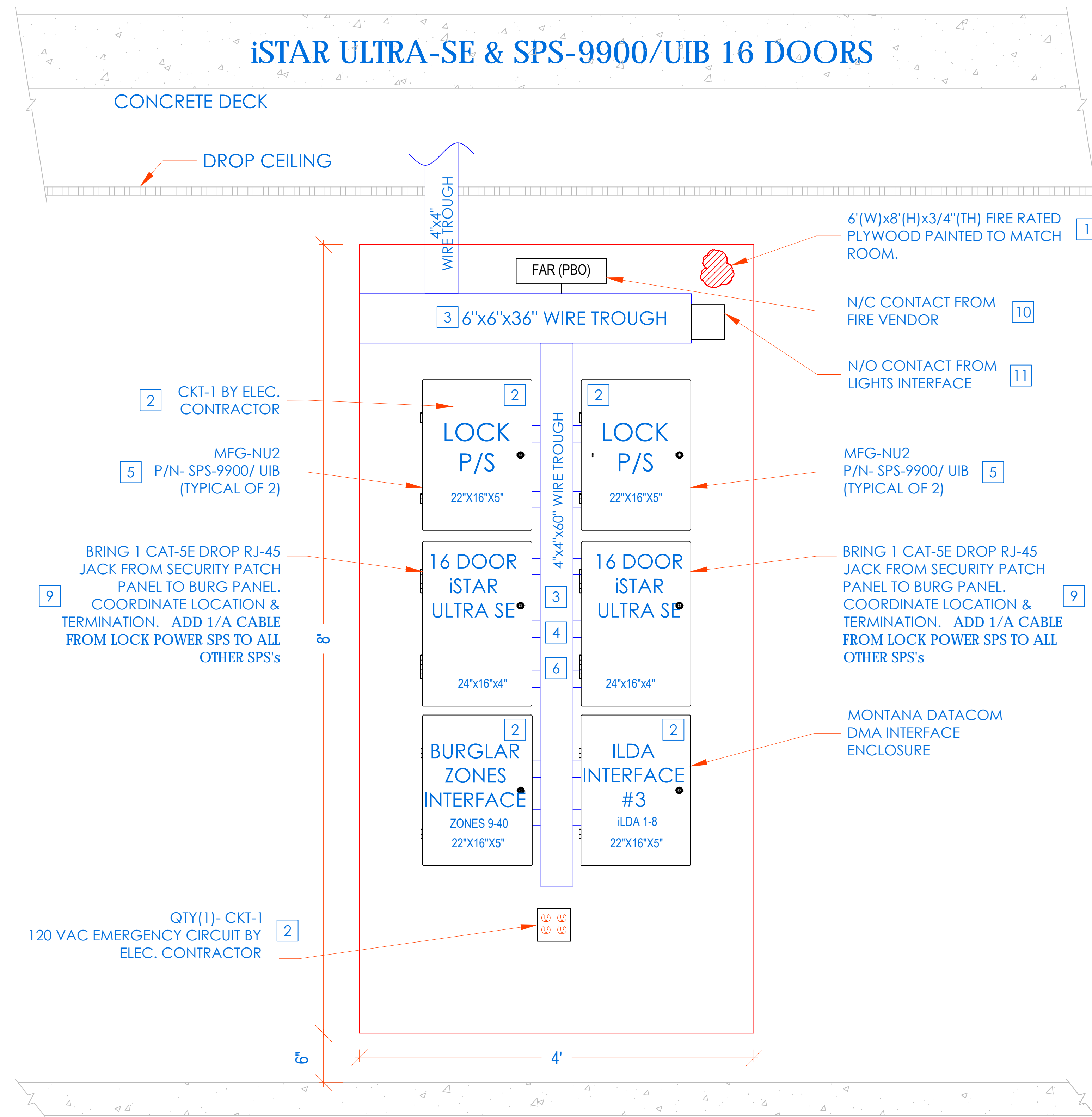
ALTERATIONS BY ANY PERSON, IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-159 OF NEW YORK STATE LAW.
COPYRIGHT KMG+D ARCHITECTS, PC
COPYRIGHT KMG+D ARCHITECTS, PC
ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

Sheet Title
CLOSET ELEVATIONS IDF-1

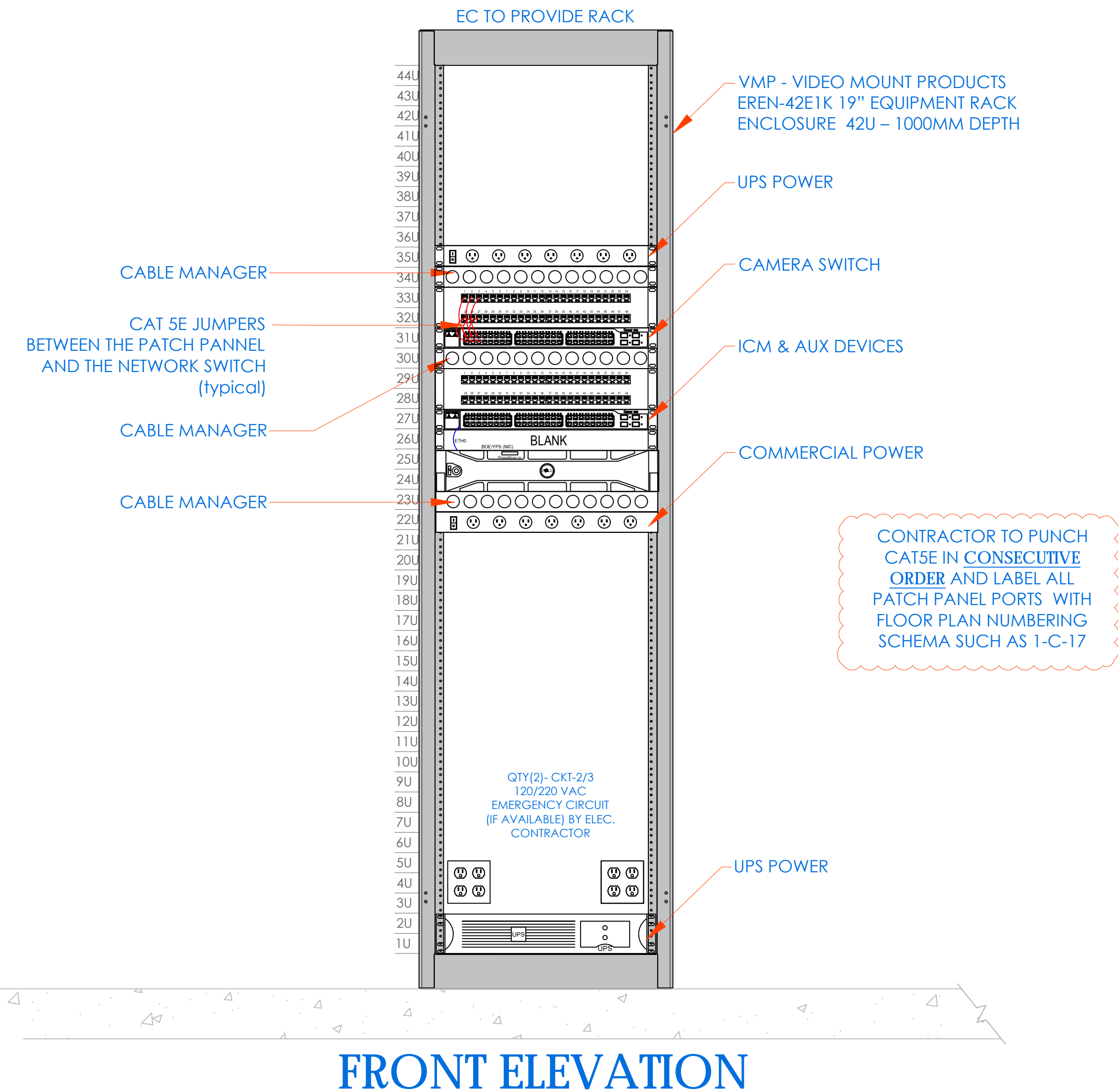
Job No. 2019-1026 Date 08/31/2020
Scale: AS NOTED Drawn / Checked
Sheet Number
SE-300



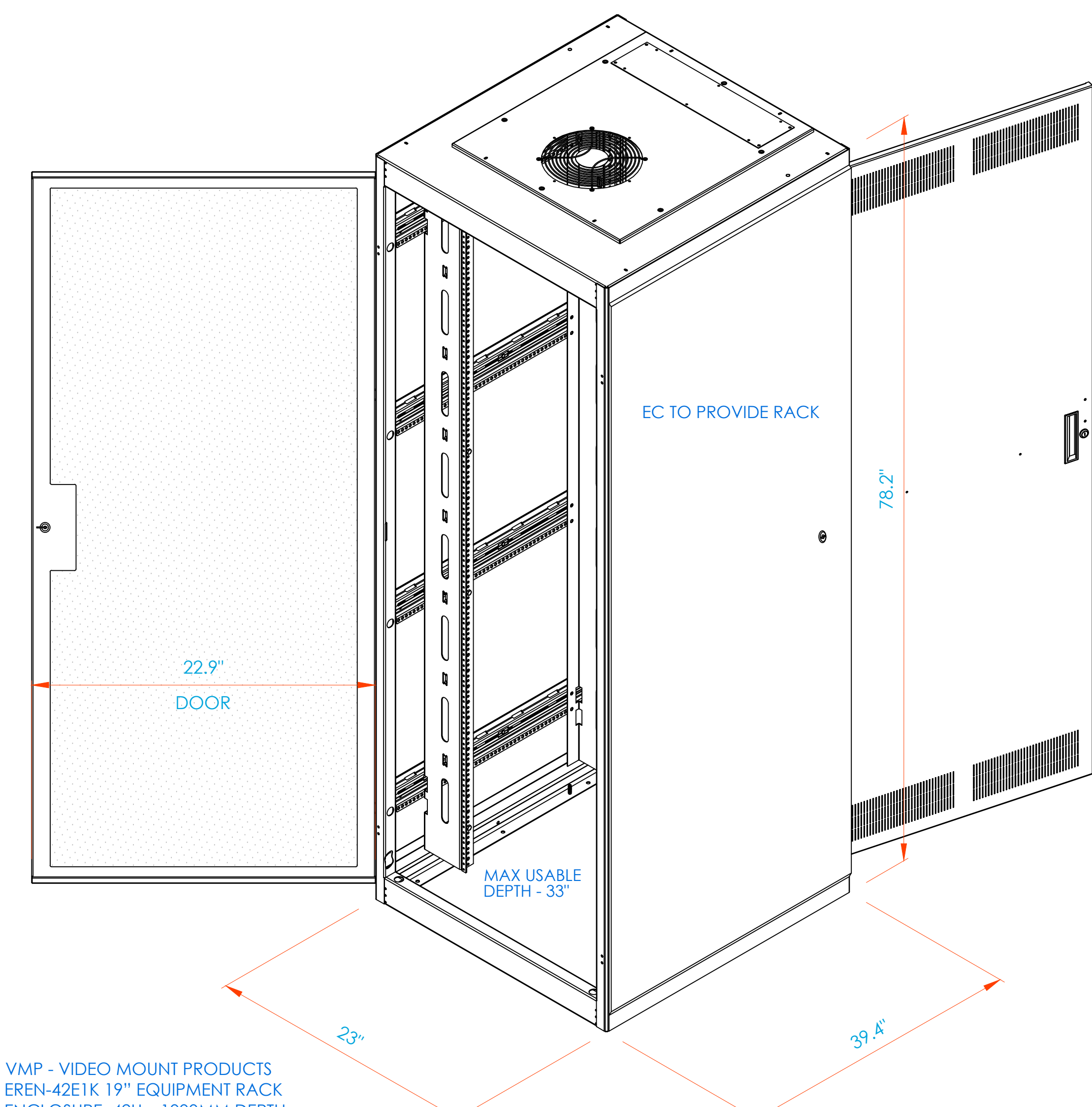
INSTALLATION PROCEDURE
iSTAR ULTRA SE WITH SPS-9900/ UIB ACCESS CONTROL HEADEND

- 1 LAYOUT EQUIPMENT TO BE MOUNTED AT DESIGNATED PLYWOOD (FIRE RATED AND PAINTED TO MATCH ROOM) BOARD IN SDF ROOM IN ACCORDANCE WITH THE PROVIDED ELEVATIONS HERE. STEPS KEYED ON THE DRAWINGS ARE NOTED BELOW.
- 2 COMPLETE INSTALLATION OF 120VAC/20A DEDICATED CIRCUIT AS SHOWN.
- 3 FURNISH AND INSTALL A 6"x6"x36" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED HORIZONTALLY, ON THE PLYWOOD 4" FROM THE TOP EDGE OF PLYWOOD.
- 4 FURNISH AND INSTALL A 4"x4"x60" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED VERTICALLY, CENTERED ON THE PLYWOOD ADJOINING TO HORIZONTAL TROUGH. PROVIDE PUNCH OUTS TO MATCH THE EQUIPMENT AS SHOWN.
- 5 MOUNT THE UTILITY ENCLOSURE 4" FROM BOTTOM EDGE OF VERTICAL TROUGH.
- 6 FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE LOCK POWER SUPPLY (SPS-9900/UIB) TO THE CENTER TROUGH AS SHOWN. DO NOT ENTER BOTTOM OF P/S (INTERFERES WITH BATTERY).
- 7 FURNISH AND INSTALL 1-1/2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE iSTAR ULTRA SE TO THE CENTER TROUGH AS SHOWN.
- 8 MOUNT [iSTAR ULTRA SE] ENCLOSURE 1" BELOW THE LOCK POWER SUPPLY. FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM [iSTAR ULTRA SE] ENCLOSURE TO THE CENTER TROUGH AS SHOWN.
- 9 BRING CAT-5 CABLE AND/OR MOUNT AN RJ-45 JACK FOR PANEL DATA COMM, FROM NEAREST NETWORK SWITCH TO HERE. COORDINATE TERMINATION WITH TELECOM VENDOR OR CUSTOMER'S DATA CONSULTANT. ADD 1/A CABLE FROM LOCK POWER SUPPLY (SPS) TO ALL OTHER SPS's.
- 10 COORDINATE WITH MEP/ BLDG MANAGEMENT TO PROVIDE ONE SET OF NORMALLY CLOSED (N/C) DRY CONTACT FROM THE SITE'S FIRE ALARM SYSTEM, TO OPEN ON GENERAL ALARM ACTIVATION. (PROVIDED BY FIRE VENDOR).ELECTRIC LOCKS MUST BE FAIL SAFE FOR THIS FUNCTIONALITY. PERFORM SAME FOR HALLWAY LIGHTS INTERFACE
- 11 PROVIDE 18/2 PAIR OF WIRES FROM BUILDING'S LIGHTING SYSTEM. ARRANGE SUCH THAT DESIGNATED BUILDING'S LIGHTS ARE TURNED ON WHEN THE SECURITY SYSTEM CLOSSES THE CIRCUIT
- 12 ALL CONDUITS AND CONNECTIONS SHALL BE INSTALLED TO REQUIRED ENCLOSURES AS NEEDED PER DIAGRAM PROVIDED.
- 13 ALL CONNECTIONS BETWEEN PANELS & TROUGH SHOULD BE CHASE NIPPLES & RIGID COUPLINGS.
- 14 INSTALL TAMPER SWITCHES AND WIRE PANELS IN SERIES TO DESIGNATED INPUT SHOWN ON POINT-TO-POINT CHARTS.

CCTV NETWORK RACK



FRONT ELEVATION



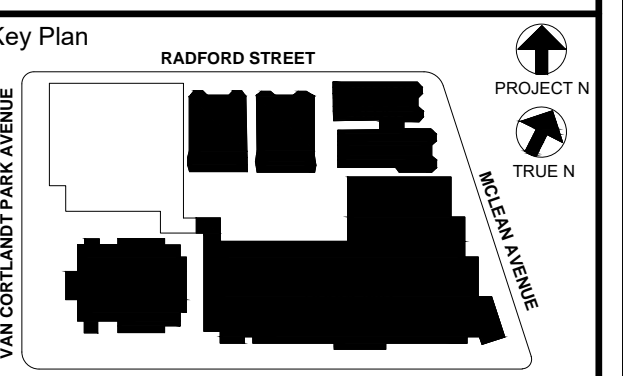
RACK - 3D VIEW

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D ARCHITECTS, PC
 285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
 P-914.688.5900 KGDARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL DEALS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGD ARCHITECTS, PC AND SHALL REMAIN THE PROPERTY OF KGD ARCHITECTS, PC. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KGD ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 26-109 OF NEW YORK STATE LAW. COPYRIGHT KAMSTER, GARDNER - DIVISION ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

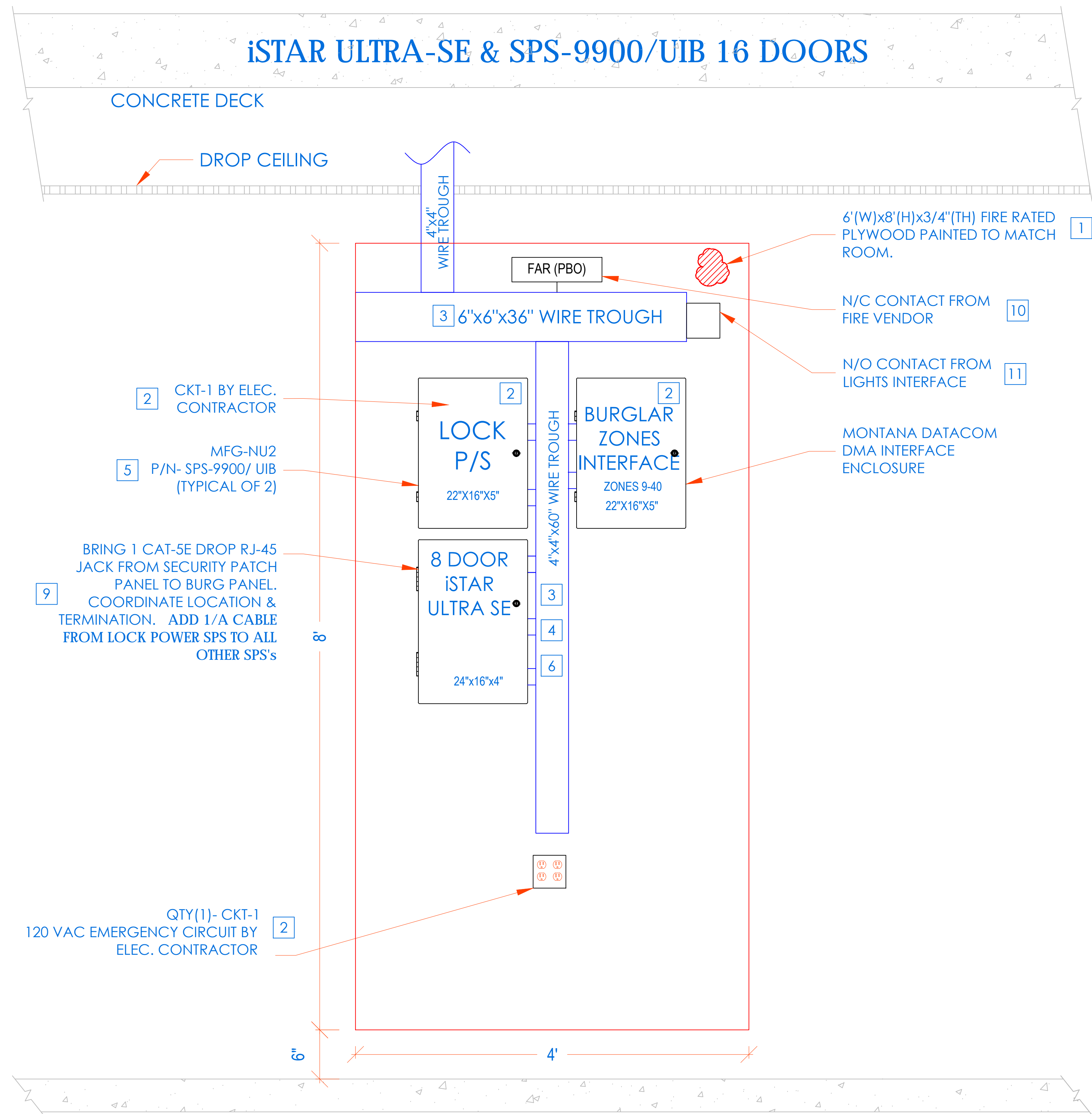
Sheet Title
CLOSET ELEVATIONS
COMMUNITY BASEMENT
IDF-2

Job No. 2019-1026 Date 08/31/2020

Scale: AS NOTED Drawn / Checked

Sheet Number

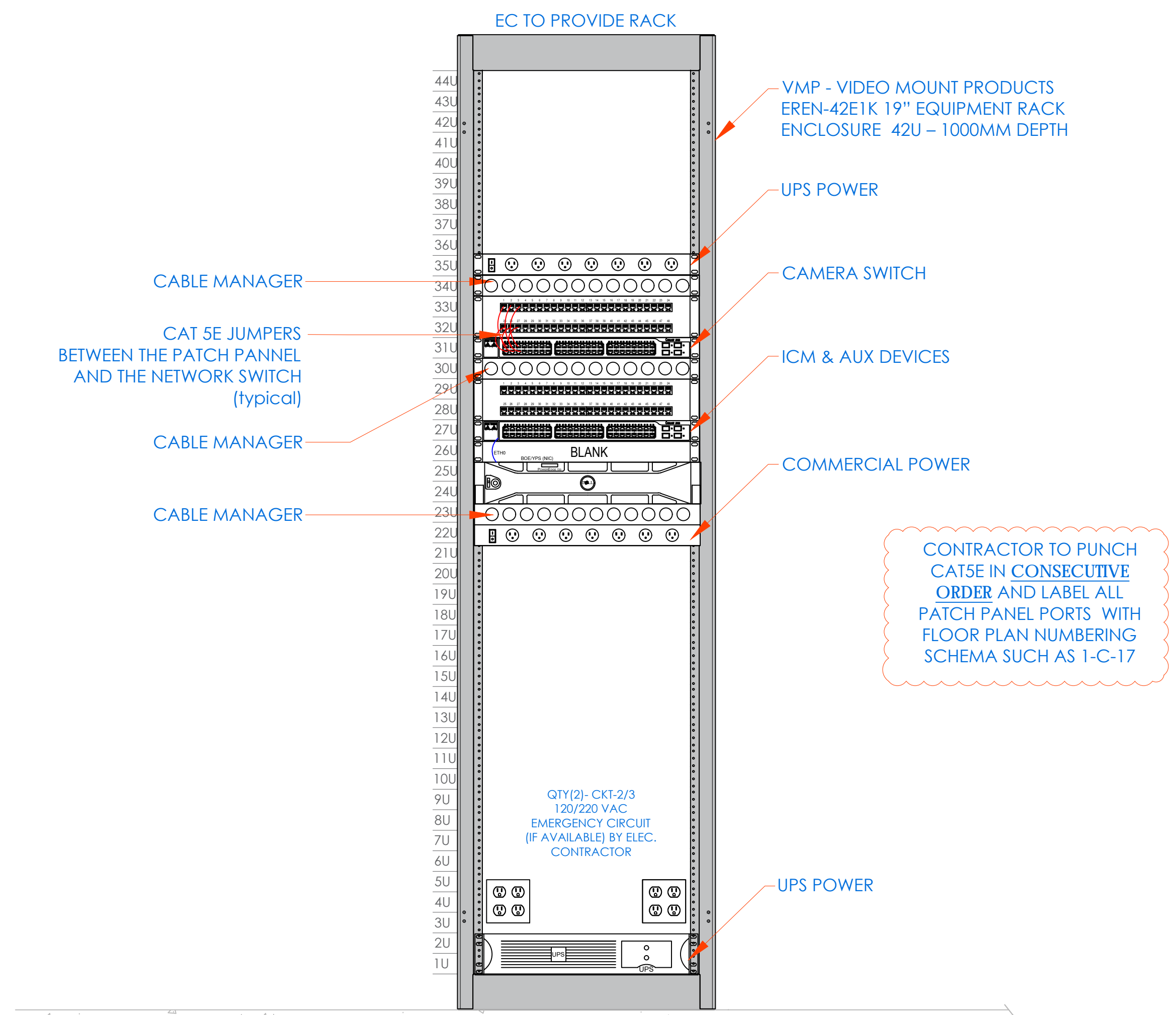
SE-301



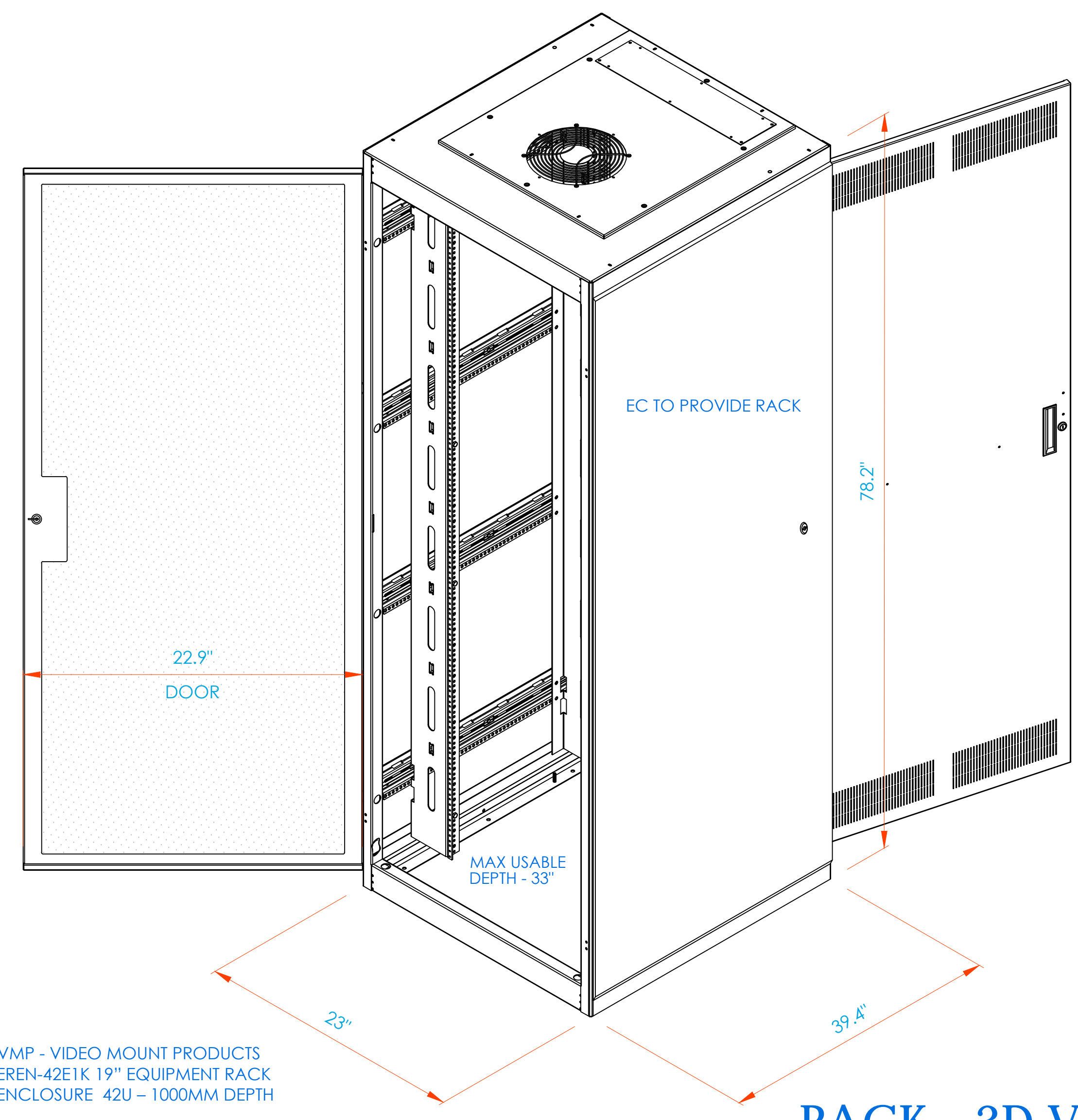
INSTALLATION PROCEDURE
iSTAR ULTRA SE WITH SPS-9900/ UIB ACCESS CONTROL HEADEND

- 1 LAYOUT EQUIPMENT TO BE MOUNTED AT DESIGNATED PLYWOOD (FIRE RATED AND PAINTED TO MATCH ROOM) BOARD IN SDF ROOM IN ACCORDANCE WITH THE PROVIDED ELEVATIONS HERE. STEPS KEYED ON THE DRAWINGS ARE NOTED BELOW.
- 2 COMPLETE INSTALLATION OF 120VAC/20A DEDICATED CIRCUIT AS SHOWN.
- 3 FURNISH AND INSTALL A 6"x6"x48" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED HORIZONTALLY, ON THE PLYWOOD 4" FROM THE TOP EDGE OF PLYWOOD.
- 4 FURNISH AND INSTALL A 4"x4"x60" CABLE TROUGH WITH SCREW FASTENED REMOVABLE COVER (NEMA TYPE 1), MOUNTED VERTICALLY, CENTERED ON THE PLYWOOD ADJOINING TO HORIZONTAL TROUGH. PROVIDE PUNCH OUTS TO MATCH THE EQUIPMENT AS SHOWN.
- 5 MOUNT THE UTILITY ENCLOSURE 4" FROM BOTTOM EDGE OF VERTICAL TROUGH.
- 6 FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE LOCK POWER SUPPLY (SPS-9900/UIB) TO THE CENTER TROUGH AS SHOWN. DO NOT ENTER BOTTOM OF P/S (INTERFERES WITH BATTERY).
- 7 FURNISH AND INSTALL 1-1/2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM THE ISTAR ULTRA SE TO THE CENTER TROUGH AS SHOWN.
- 8 MOUNT [iSTAR ULTRA SE] ENCLOSURE 1" BELOW THE LOCK POWER SUPPLY. FURNISH AND INSTALL 2" COUPLERS (SEE DRAWING ABOVE FOR QTY.) FROM [iSTAR ULTRA SE] ENCLOSURE TO THE CENTER TROUGH AS SHOWN.
- 9 BRING CAT-5 CABLE AND/OR MOUNT AN RJ-45 JACK FOR PANEL DATA COMM, FROM NEAREST NETWORK SWITCH TO HERE. COORDINATE TERMINATION WITH TELECOM VENDOR OR CUSTOMER'S DATA CONSULTANT. ADD 1/A CABLE FROM LOCK POWER SUPPLY (SPS) TO ALL OTHER SPS's.
- 10 COORDINATE WITH MEP/ BLDG MANAGEMENT TO PROVIDE ONE SET OF NORMALLY CLOSED (N/C) DRY CONTACT FROM THE SITE'S FIRE ALARM SYSTEM, TO OPEN ON GENERAL ALARM ACTIVATION. (PROVIDED BY FIRE VENDOR).ELECTRIC LOCKS MUST BE FAIL SAFE FOR THIS FUNCTIONALITY. PERFORM SAME FOR HALLWAY LIGHTS INTERFACE
- 11 PROVIDE 18/2 PAIR OF WIRES FROM BUILDING'S LIGHTING SYSTEM. ARRANGE SUCH THAT DESIGNATED BUILDING'S LIGHTS ARE TURNED ON WHEN THE SECURITY SYSTEM CLOSES THE CIRCUIT
- 12 ALL CONDUITS AND CONNECTIONS SHALL BE INSTALLED TO REQUIRED ENCLOSURES AS NEEDED PER DIAGRAM PROVIDED.
- 13 ALL CONNECTIONS BETWEEN PANELS & TROUGHS SHOULD BE CHASE NIPPLES & RIGID COUPLINGS.
- 14 INSTALL TAMPER SWITCHES AND WIRE PANELS IN SERIES TO DESIGNATED INPUT SHOWN ON POINT-TO-POINT CHARTS.

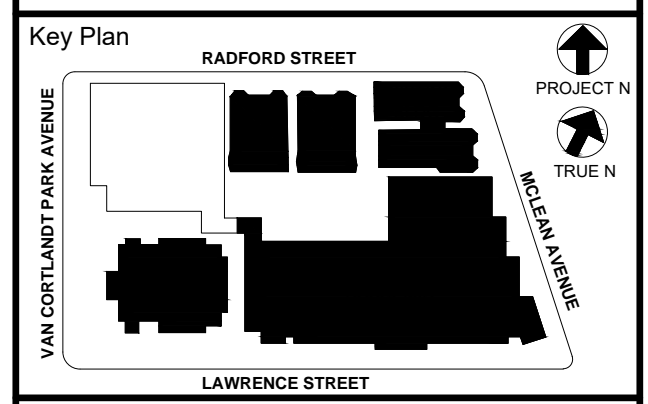
CCTV NETWORK RACK



FRONT ELEVATION



RACK - 3D VIEW



NOTE: ALL DEALS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGD ARCHITECTS, PC AND/OR ITG LARSON, INC. ANY REUSE OR REPRODUCTION FOR USE ON THIS PROJECT, NONE OF SUCH DEALS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KGD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 2615 OF NEW YORK STATE LAW. COPYRIGHT 2019, KGD ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|----------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NY/SED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

Sheet Title
CLOSET ELEVATIONS
SECOND FLOOR
IDF-3

| | | | |
|--------------|---------------|---------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / | Checked |
| Sheet Number | SE-302 | | |

COY-BOE SECURITY DEVICE NETWORK TOPOLOGY

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D ARCHITECTS, PC
 285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
 P:914.688.5900 KGDARCHITECTS.COM

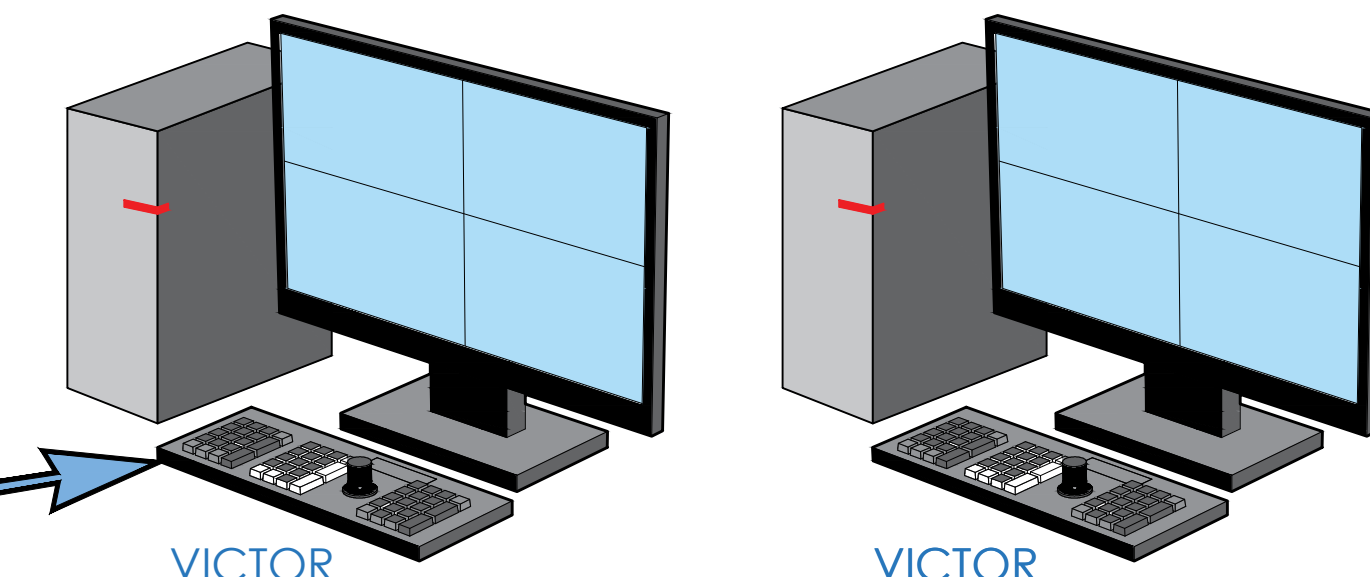
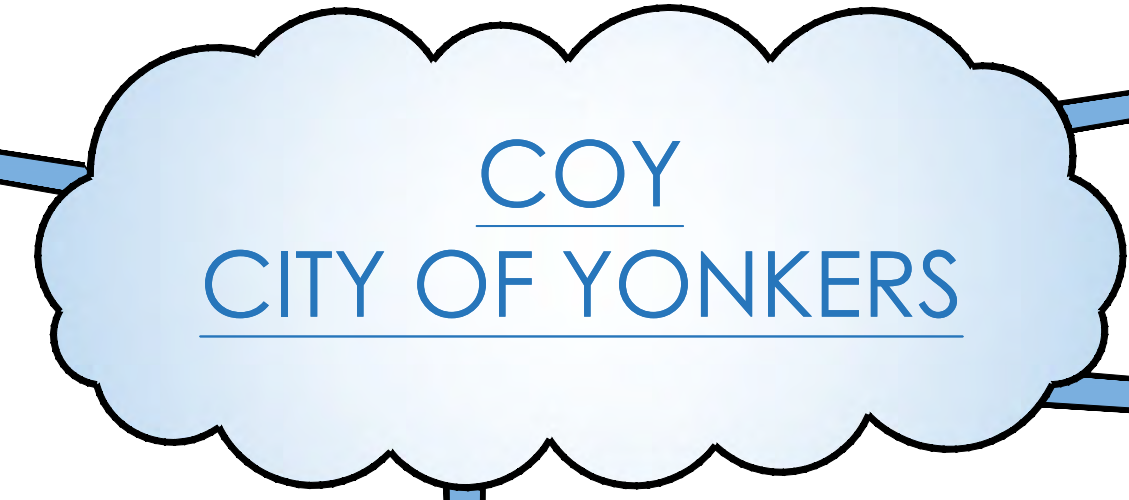
ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

CCURE / VICTOR DB



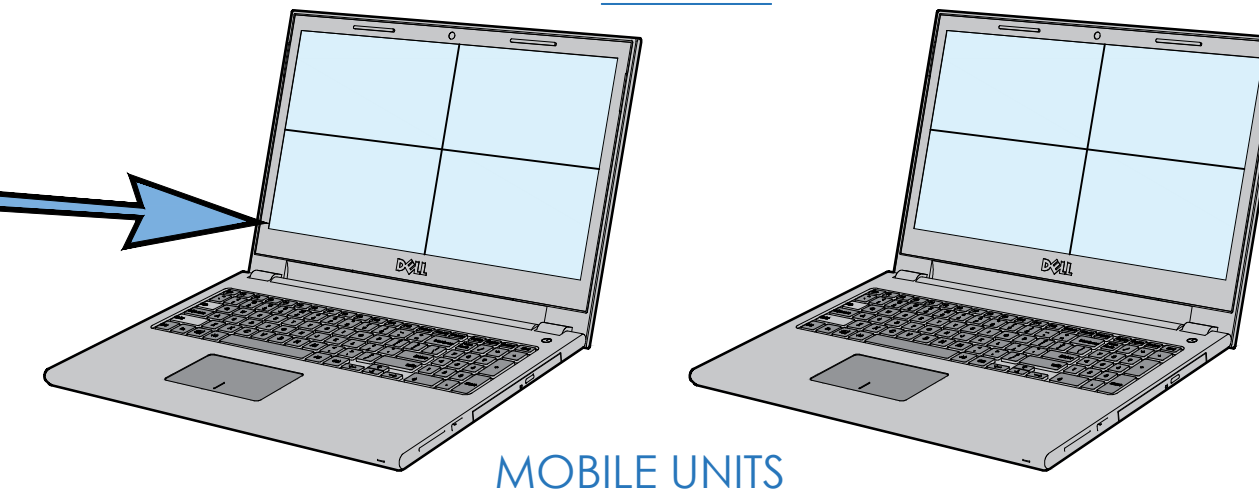
COY CITY OF YONKERS



VICTOR CLIENT

VICTOR CLIENT

911



MOBILE UNITS

* TO UTILIZE VICTOR FOR MAX FUNCTIONALITY USERS WILL CONNECT TO COY UNIFIED SERVER

AMERICAN DYNAMICS NVR

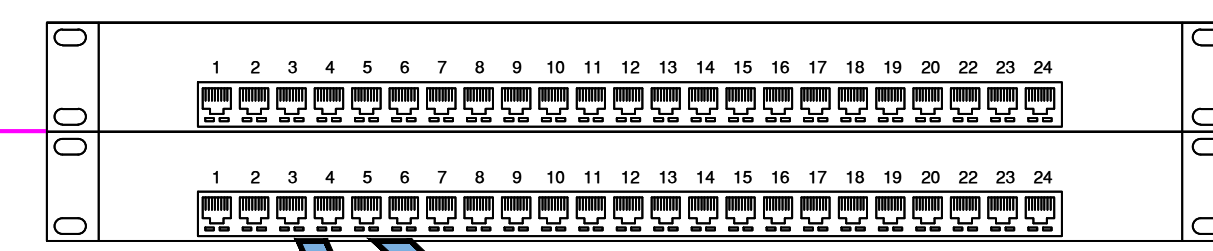


ETH0 COY NETWORK

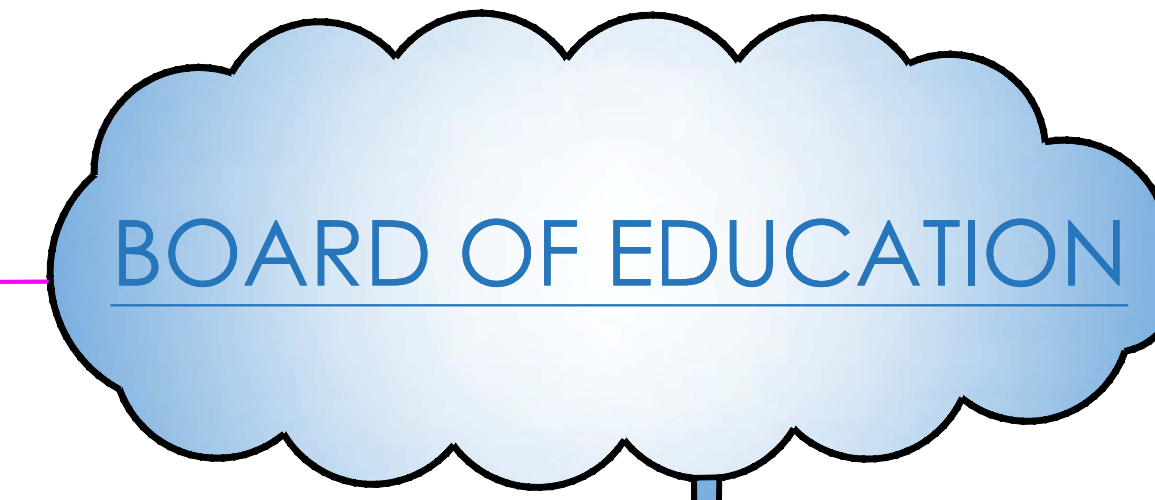
ETH1 BOE NETWORK

ETH2 CAMERA NETWORK

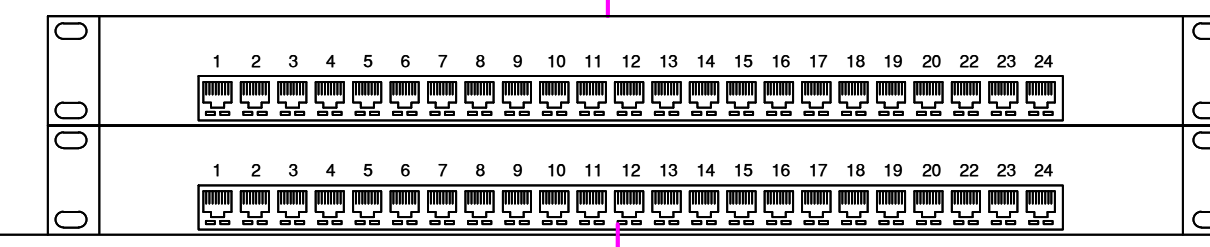
SCHOOL SWITCH



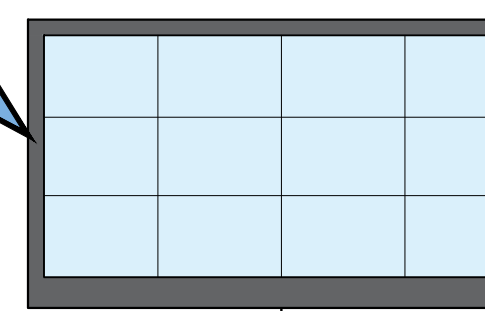
BOARD OF EDUCATION



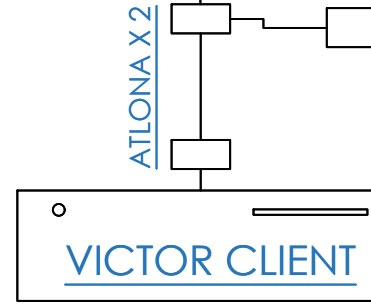
CAMERA SWITCH 1



47" WALL MOUNTED PRINCIPAL'S OFFICE

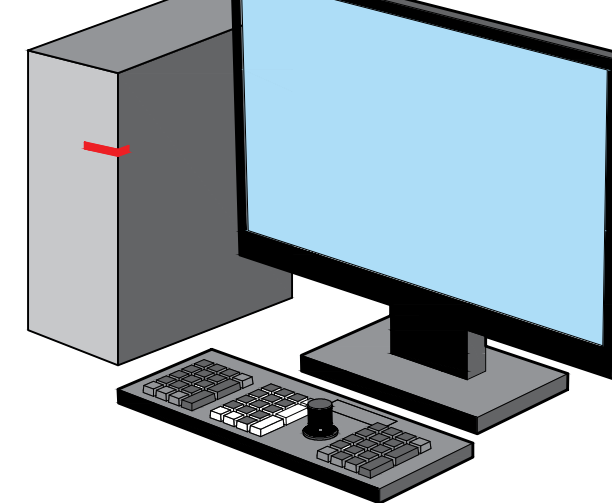


KBD & MOUSE



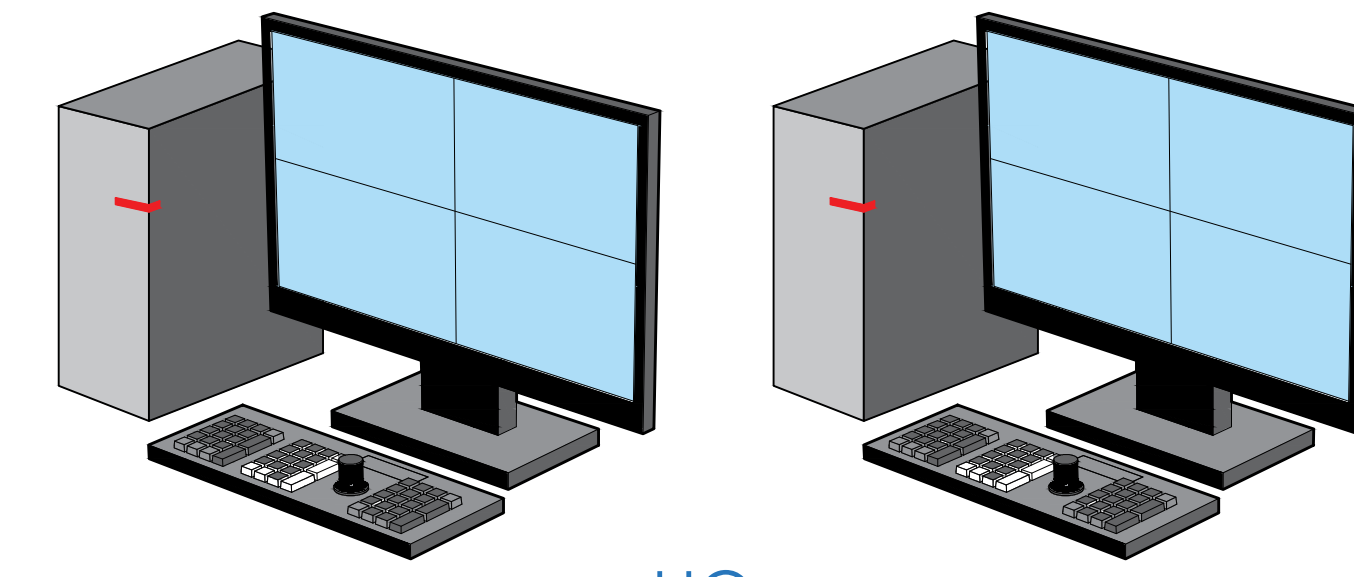
VICTOR CLIENT

VICTOR MONITORING CLIENT

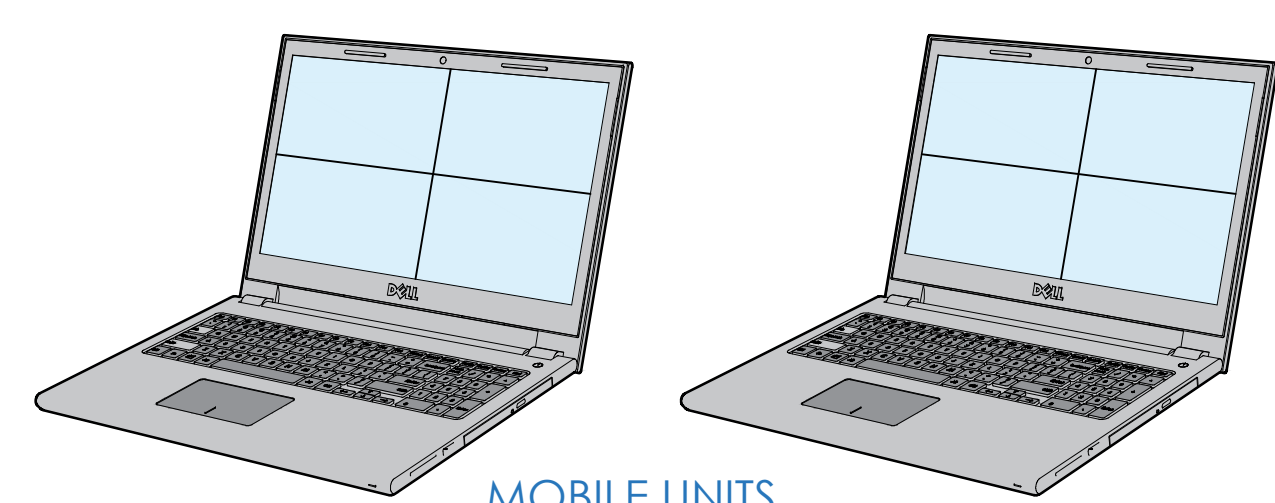


PRINCIPAL'S DESK WEB CLIENT

VIDEO EDGE WEB CLIENT



HQ 1 LARKIN PLAZA



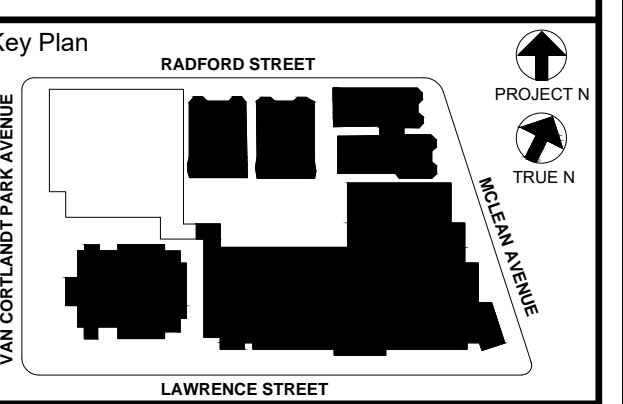
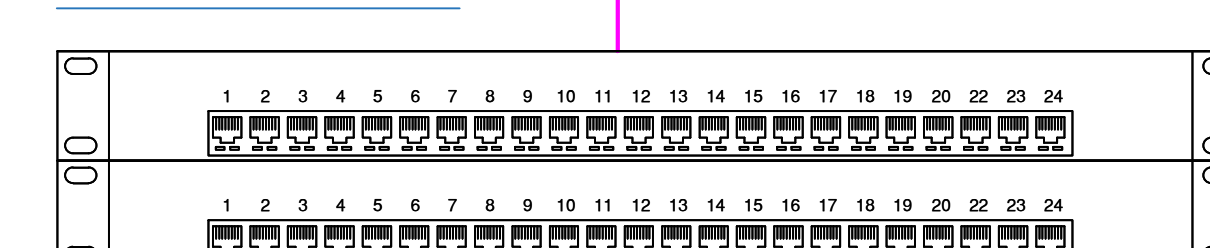
MOBILE UNITS

- TYPICAL
- C1 CAT-5 ; 10.100.xx.xxx
 - C2 CAT-5 ; 10.100.1.135
 - C3 CAT-5 ; 10.100.1.1XX
 - C4 CAT-5 ; 10.100.1.137

- TYPICAL
- C1 CAT-5 ; 10.100.1.134
 - C2 CAT-5 ; 10.100.1.135
 - C3 CAT-5 ; 10.100.1.1XX
 - C4 CAT-5 ; 10.100.1.137

FIBER CONNECTION OR DEDICATED CAT 6e

CAMERA SWITCH 2



NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT, CLIENT, AND/OR ARCHITECTS, PC, AND ARE HEREBY CREDITED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF JG&D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-150 OF NEW YORK STATE LAW. COPYRIGHT KAMSTER, GARDNER - GARDNER ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

Sheet Title
CCTV ONE LINE DIAGRAM

Job No. 2019-1026 Date 08/31/2020

Scale: AS NOTED Drawn / Checked

Sheet Number

SE-303

P-FORCE 1 - WIRING OF SPS/UIB

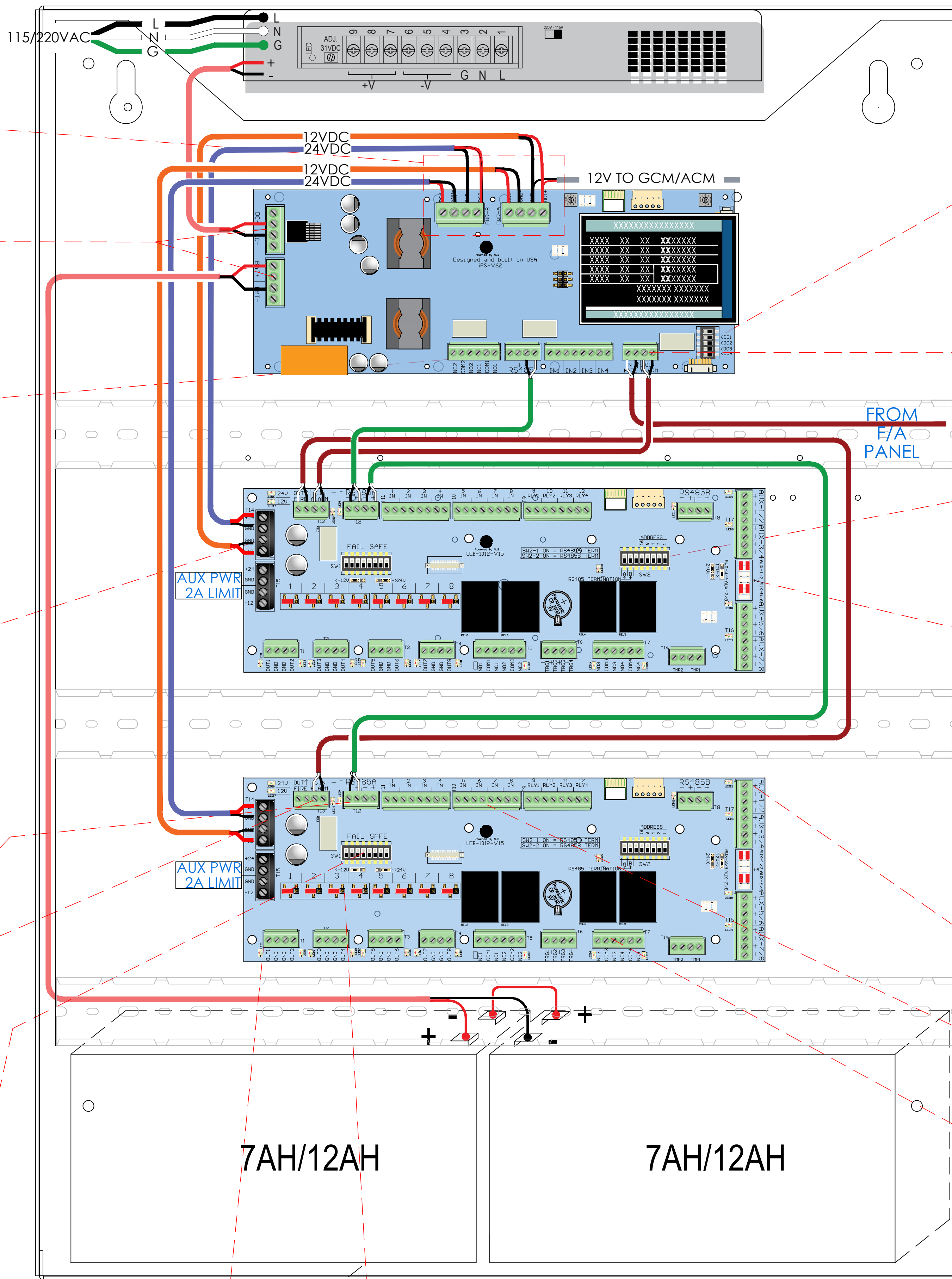
NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D ARCHITECTS, PC
 285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
 P-914.688.5900 KGDARCHITECTS.COM

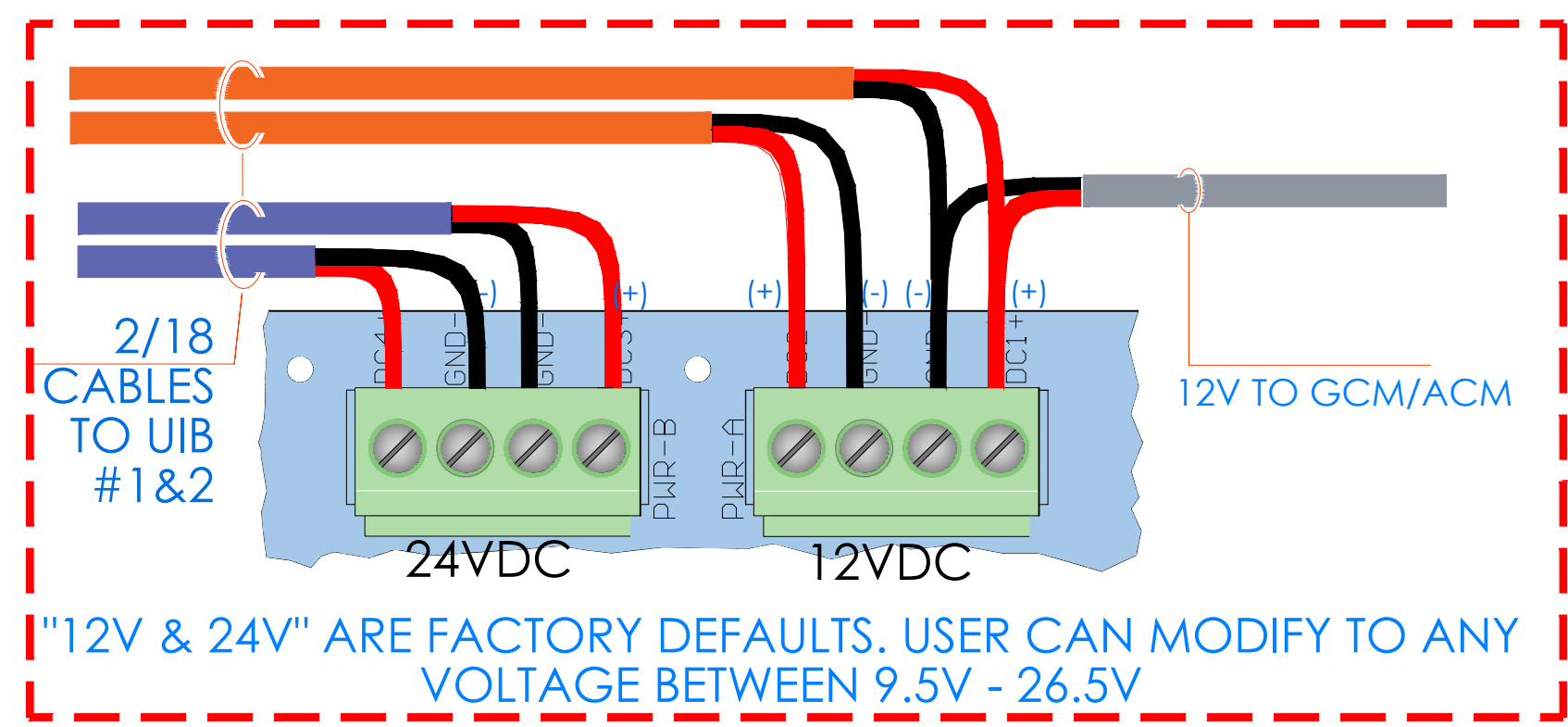
ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001

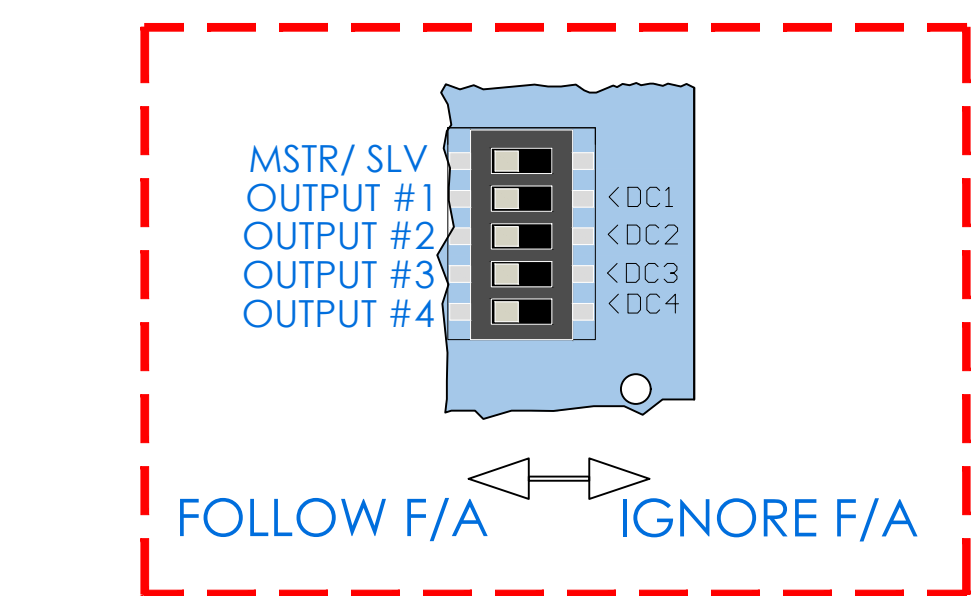
FOLLOW LOCAL AND NATIONAL ELECTRICAL WIRING CODES



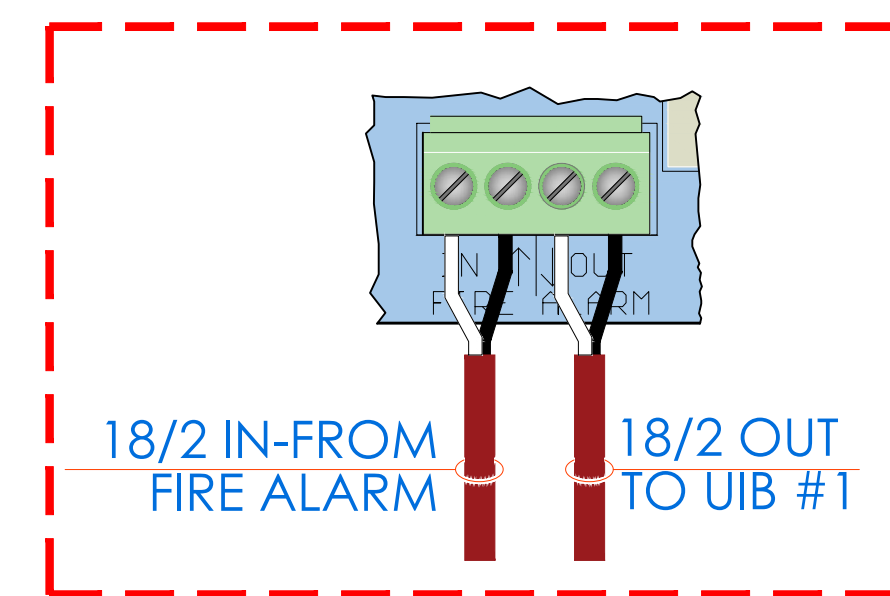
SPS OUT POWER CONNECTIONS



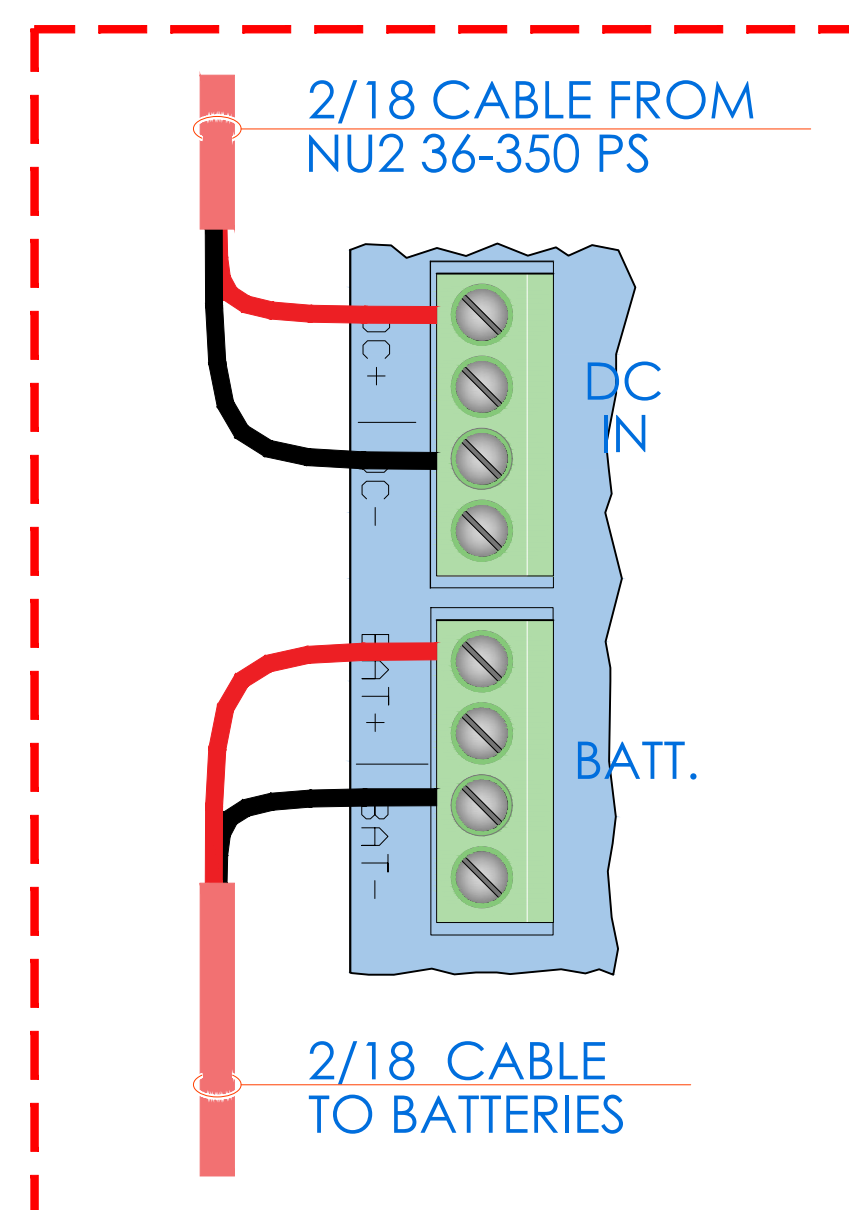
FIRE ALARM OUTPUT CONTROL



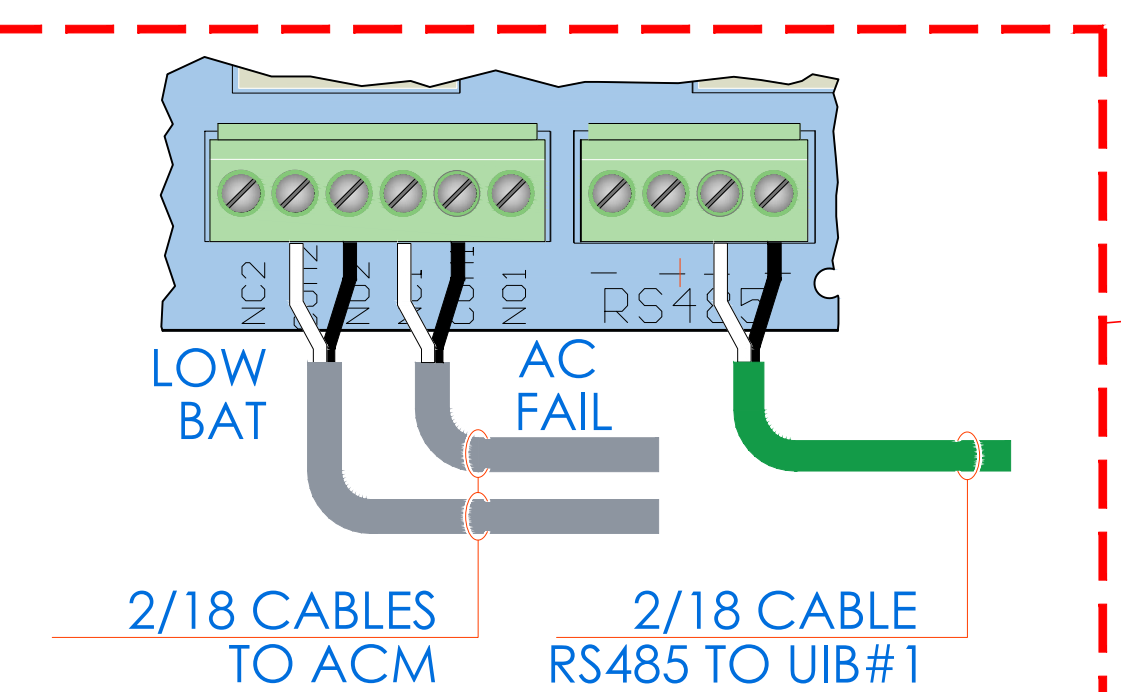
FIRE ALARM



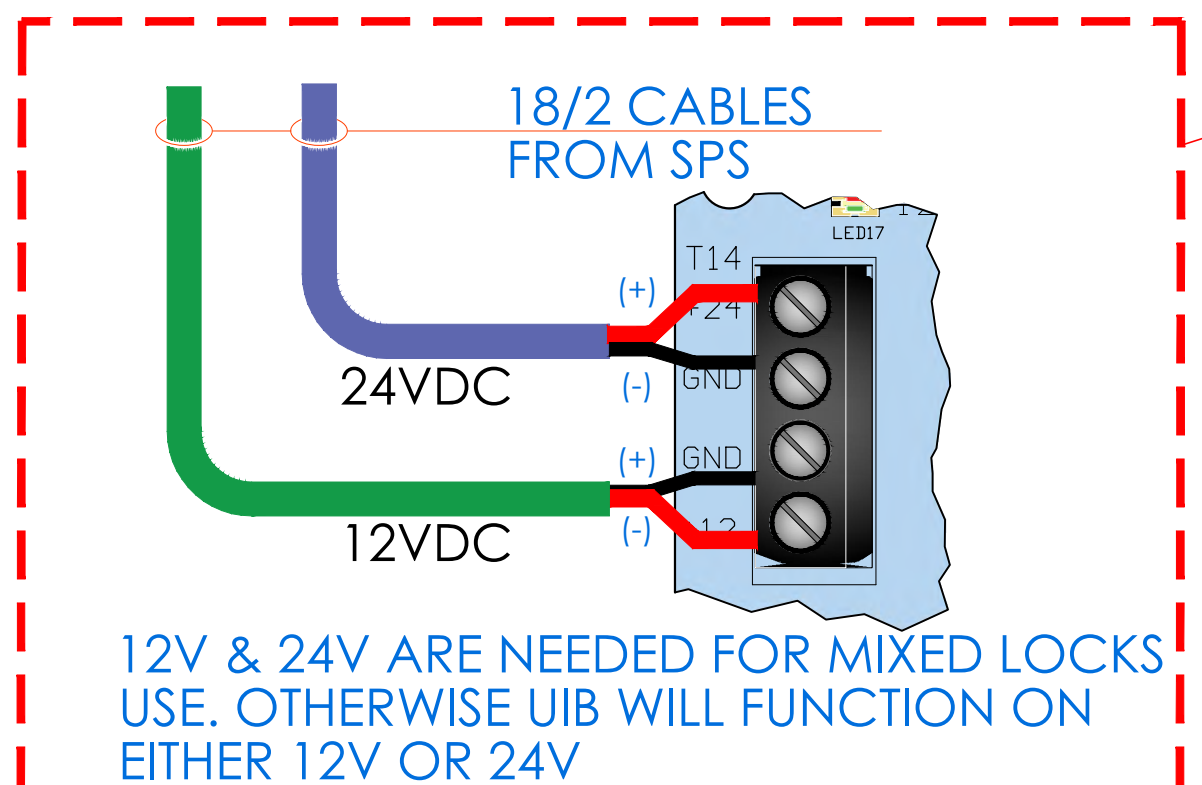
IN PWR & BAT CONNECTION



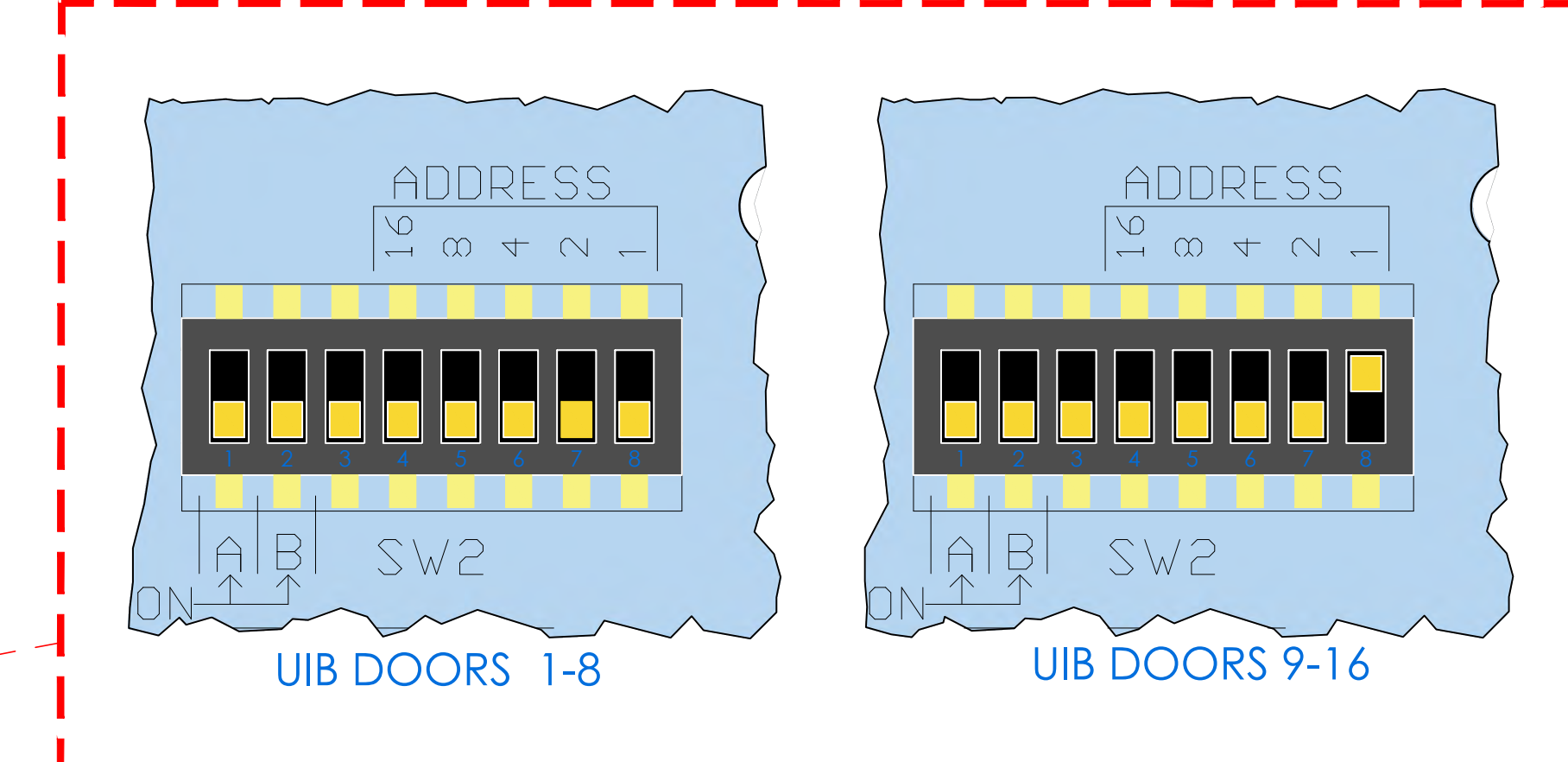
AC FAIL/LO BAT & RS485 COMM



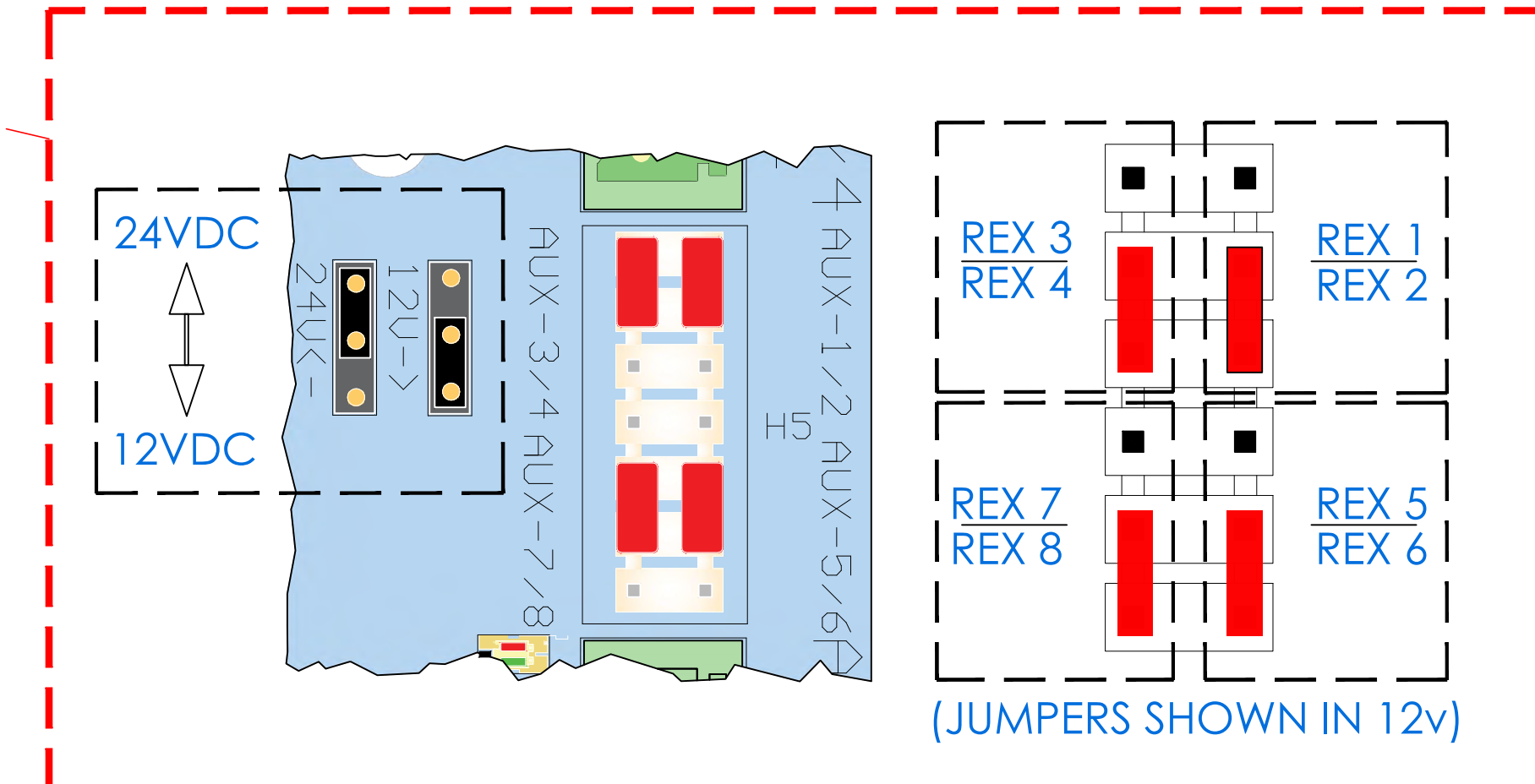
UIB INPUT 12/24V POWER FROM SPS



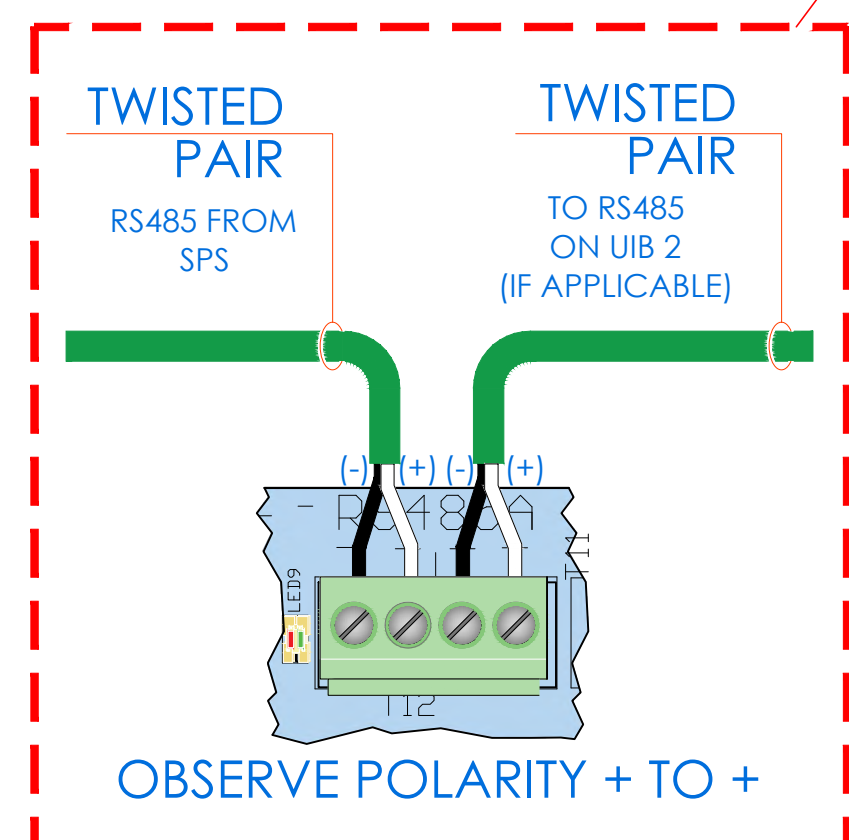
DIP SWITCH SETTINGS FOR DOOR ADDRESSING



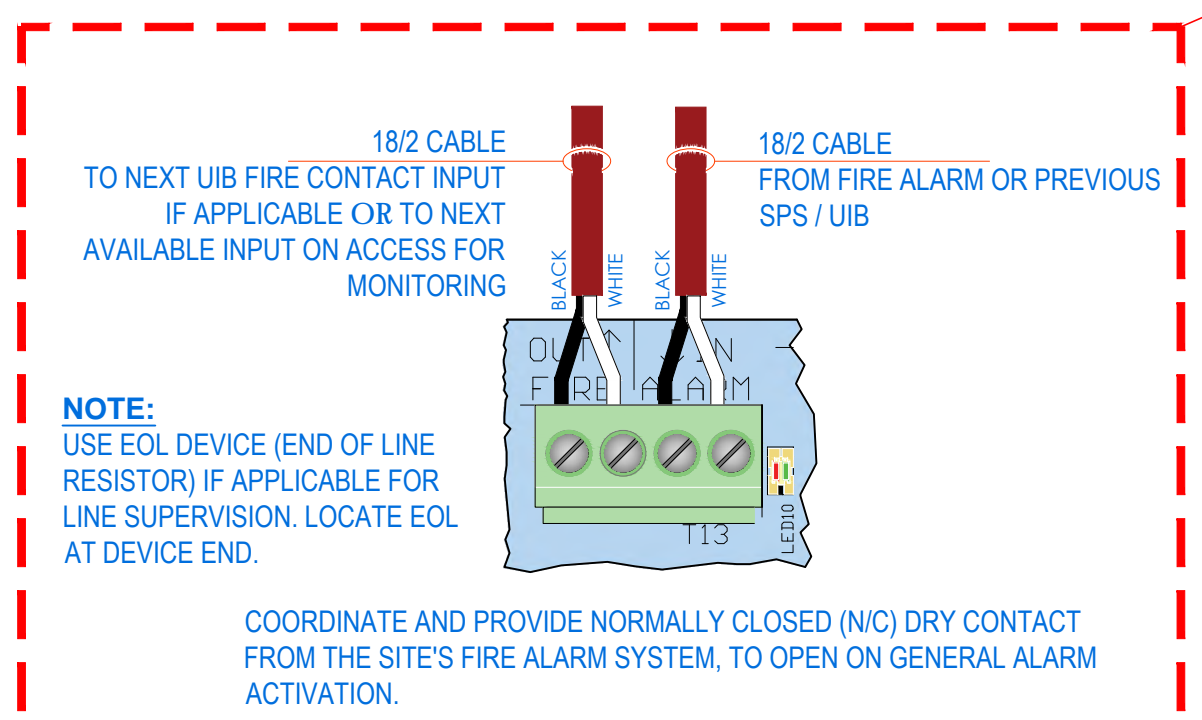
RTE POWER SETTINGS FOR DOORS 1 THRU 8



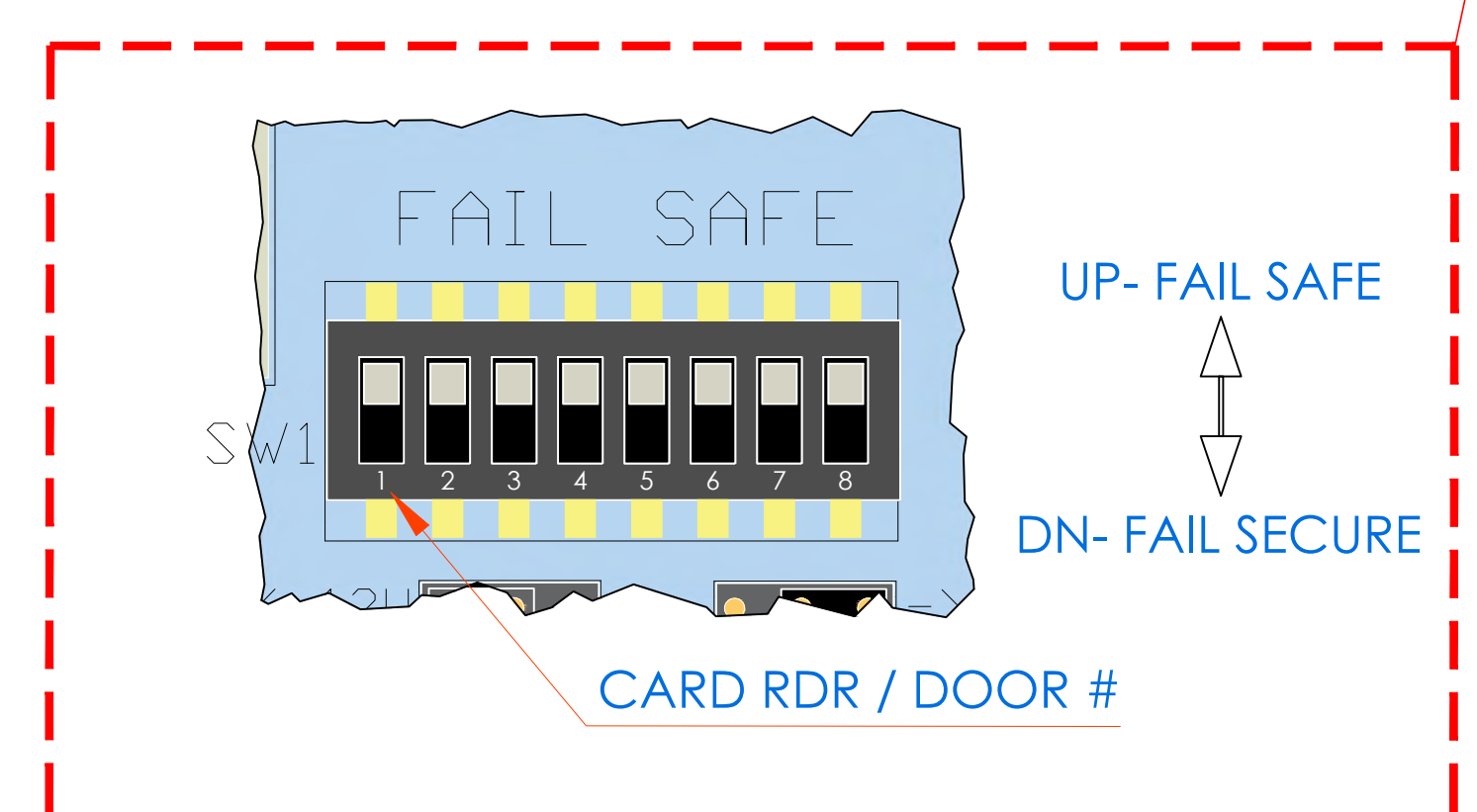
RS485 COMM



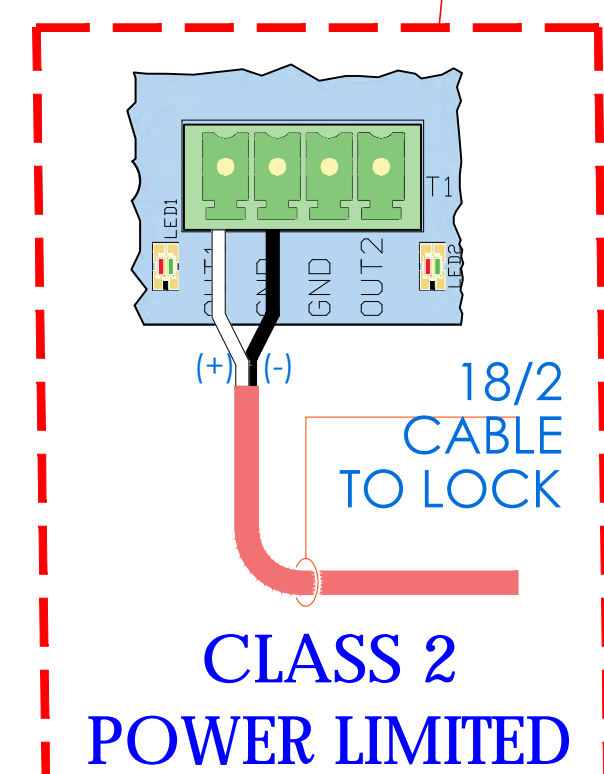
FIRE ALARM INTERFACE



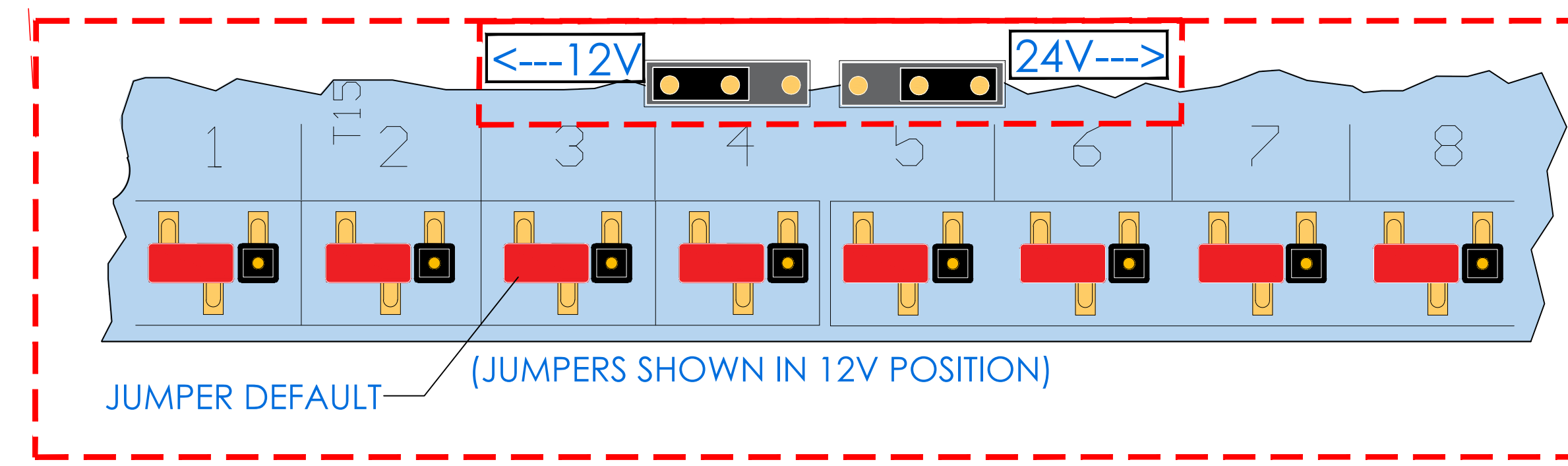
ELECTRIFIED LOCK SELECTOR FAIL SAFE/FAIL SECURE



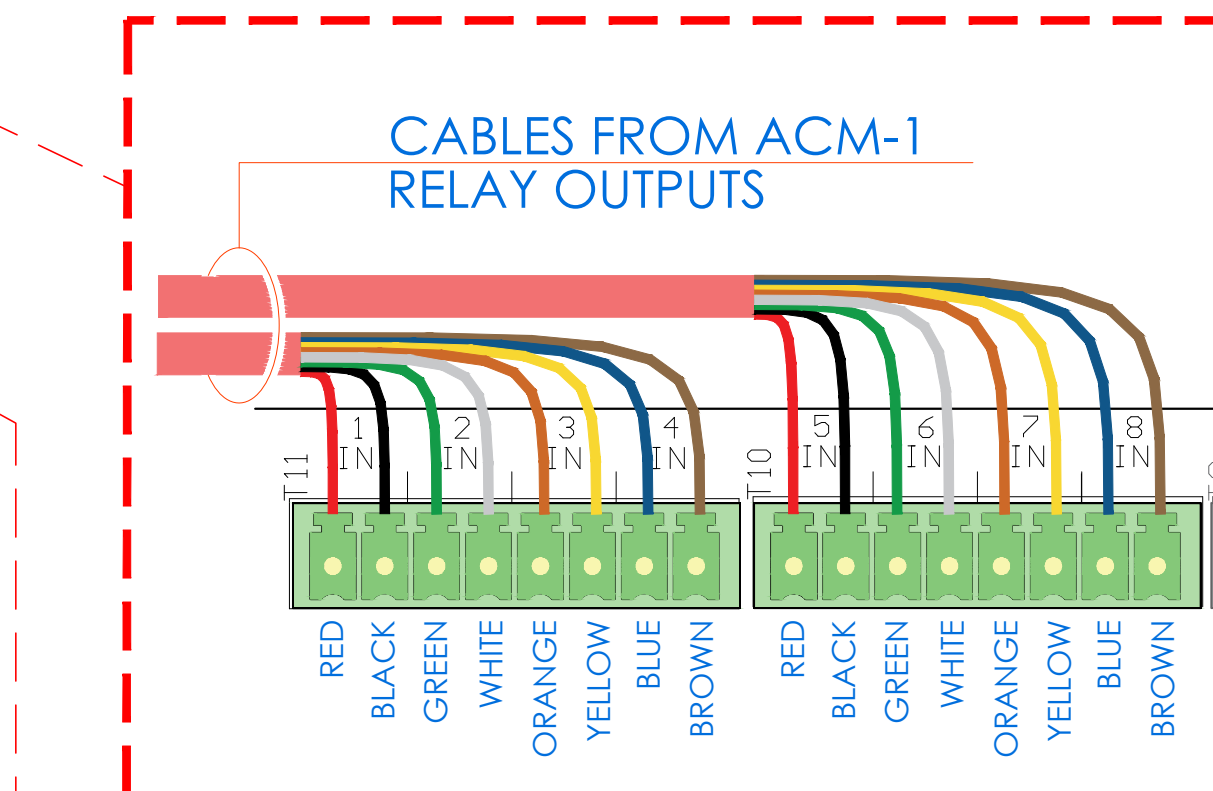
TYP. LOCK PWR - DOOR#1



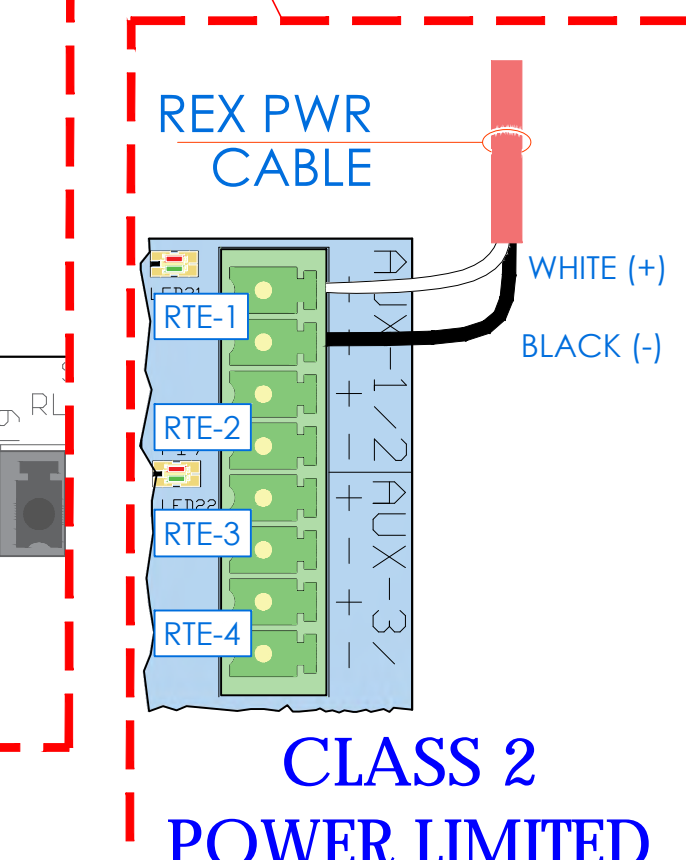
LOCK VOLTAGE SELECTOR JUMPER SETTINGS



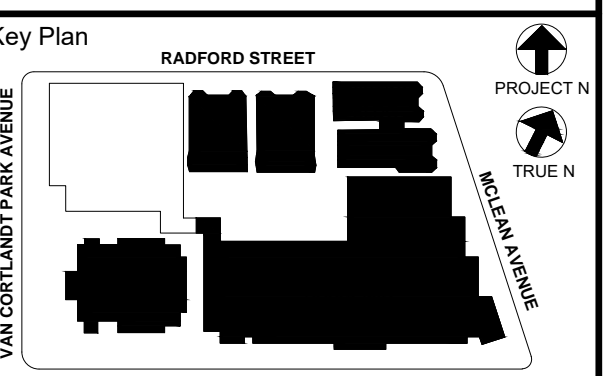
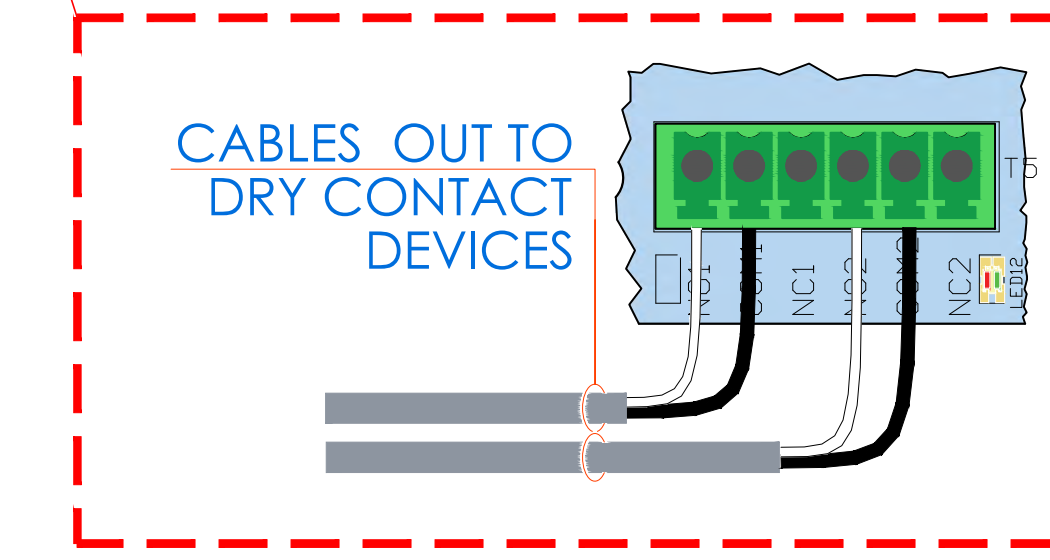
TYP. UIB INPUT CONNECTIONS



RTE POWER FOR READER-1



TYPICAL DRY CONTACT CONNECTIONS



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGDARCHITECTS, PC AND SHALL BE USED BY THE ARCHITECT FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PARTY WITHOUT THE WRITTEN PERMISSION OF KGDARCHITECTS, PC.

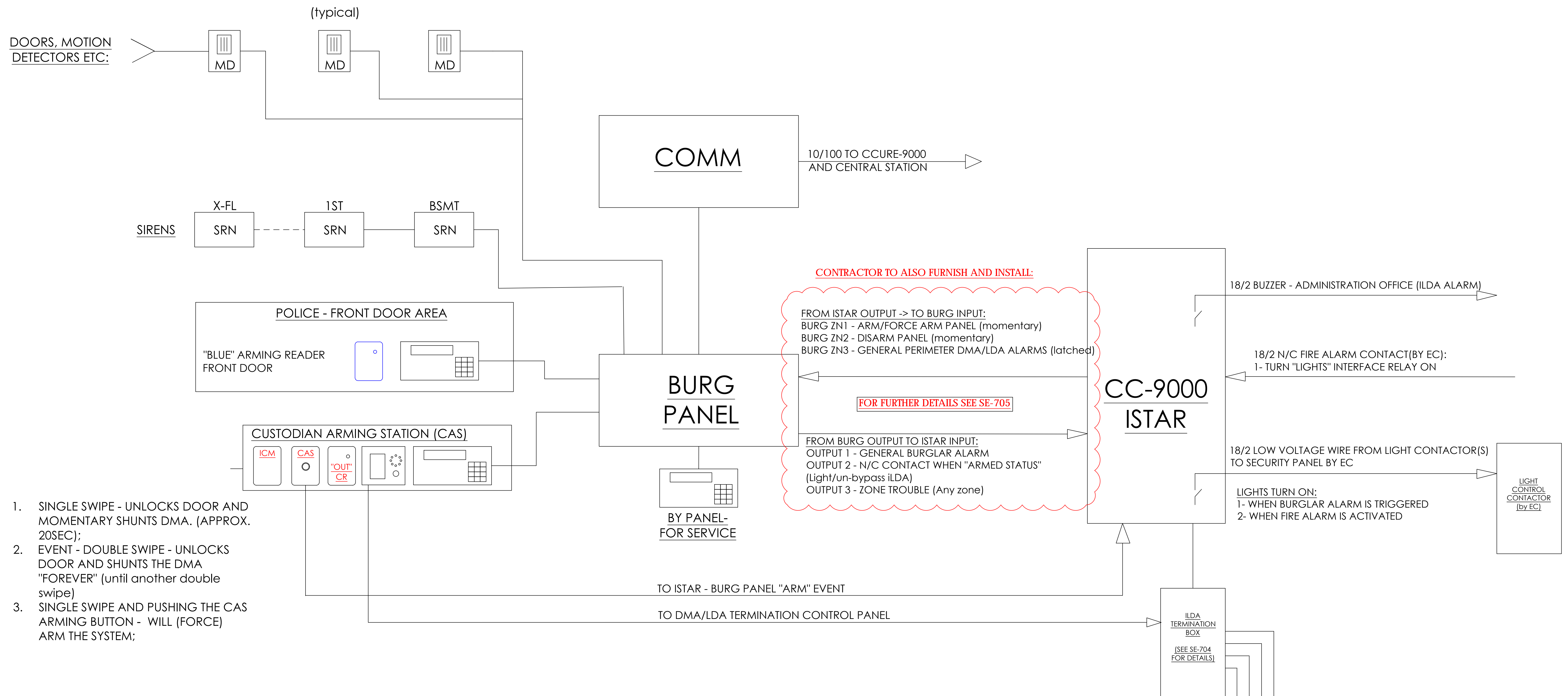
WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, OR THE ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF THE STATE SEAL BY NEW YORK STATE LAW.
 COPYRIGHT KAMSTER, GARDNER - DIVISION ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|------------------------------|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |
| Sheet Title | | |
| ISTAR DRAWING WIRING DIAGRAM | | |
| Job No. | 2019-1026 | Date |
| Scale: | AS NOTED | Drawn / Checked |
| Sheet Number | SE-700 | |

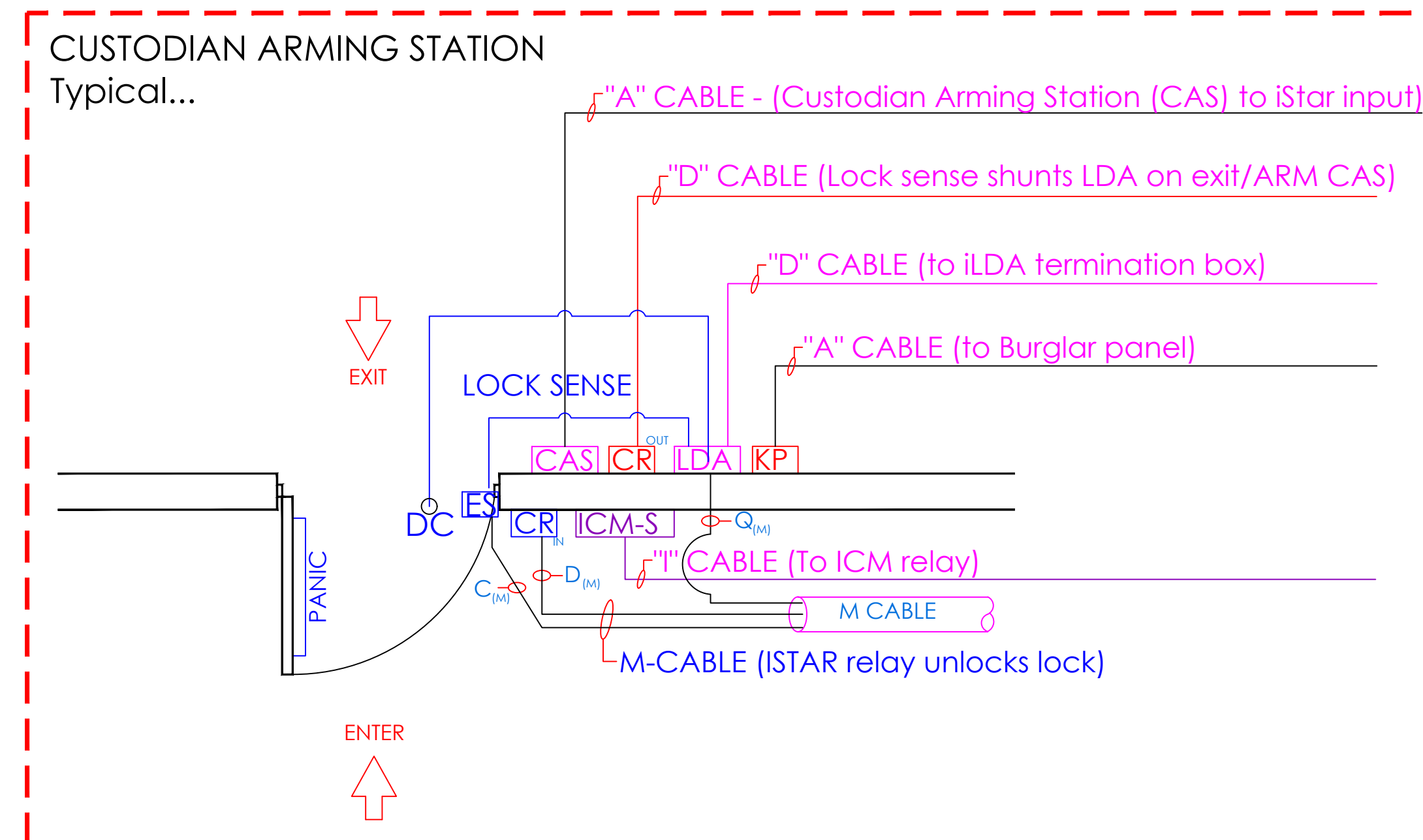
BURGLAR & ACCESS - OVERALL SYSTEMS INTERFACES - ONE LINE



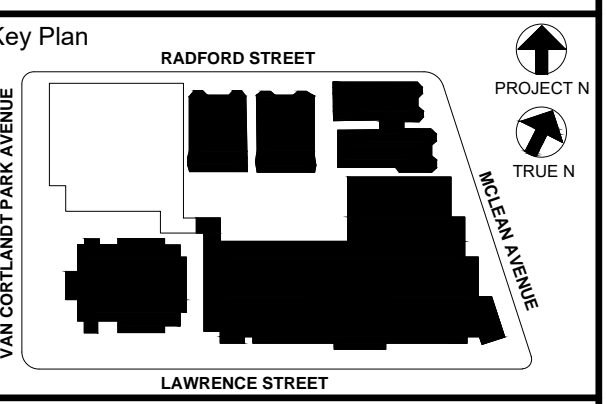
1. SINGLE SWIPE - UNLOCKS DOOR AND MOMENTARY SHUNTS DMA. (APPROX. 20SEC);
2. EVENT - DOUBLE SWIPE - UNLOCKS DOOR AND SHUNTS THE DMA "FOREVER" (until another double swipe)
3. SINGLE SWIPE AND PUSHING THE CAS ARMING BUTTON - WILL (FORCE) ARM THE SYSTEM;

EVENTS PROGRAMMING:

1. ENTERING FROM OUTSIDE:
 - 1.1. UNLOCK CUSTODIAN DOOR USING THE "M" CABLE PORT /RELAY FOR THE "IN READER" (MUST BE ADA PERSON IN CCURE SOFTWARE)
 - 1.2. EVENT - DISARM BURGLAR ALARM VIA API AND DRY CONTACTS (ZN2)
 - 1.3. EVENT - TURN BUILDING'S HALLWAY LIGHTS
 - 1.4. EVENT - SHUNTS DOOR'S LDA/DMA USING THE LOCK SENSE FEATURE
2. EXITING FROM INSIDE - PRESENTING A VALID CARD WILL:
 - 2.1 SHUNTS DOOR'S LDA/DMA USING THE LOCK SENSE FEATURE
 - 2.2 EVENT - ARM THE "CAS BURG ARMING BUTTON INPUT" FOR 10 SECONDS. IF CAS ARMING IS PUSHED WITHIN THAT 10 SEC OF PRESENTING A CARD, THE BURG PANEL WILL START ARMING USING ZN1 - FORCED ARM
 - 2.3 WHEN BURGLAR PANEL ARMS - SHUT OFF BUILDING'S LIGHTS



NOTE: PERIMETER "DOOR CONTACT" STATUS IS PROVIDED BY THE LDA/DMA VIA THE CC-9000 AND ISTAR AND IS SENT TO THE BURGLAR PANEL VIA API AND HARD WIRED TO ZONE#3. LDA/DMA ALARMS ARE ANNOUNCED AT ADMIN OFFICE VIA LOCAL BUZZER AND EMAIL NOTIFICATIONS



NOTE: ALL DEALS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT, CLIENT, AND ARCHITECTS, PC, AND THESE CANNOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF ARCHITECTS, PC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER UNWRITTEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 2615 OF NEW YORK STATE LAW. COPYRIGHT 2020, ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

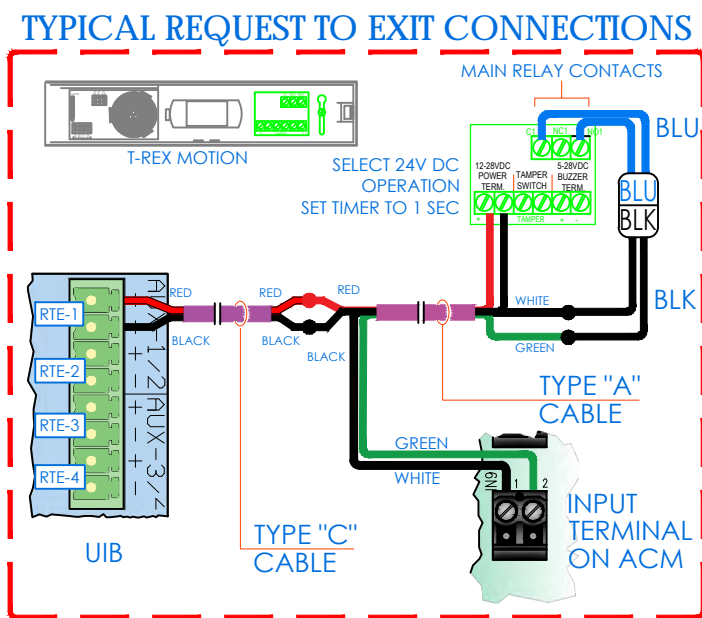
Sheet Title
BURGLAR & ACCESS INTERFACE

| | | | |
|---------|-----------|---------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / | Checked |

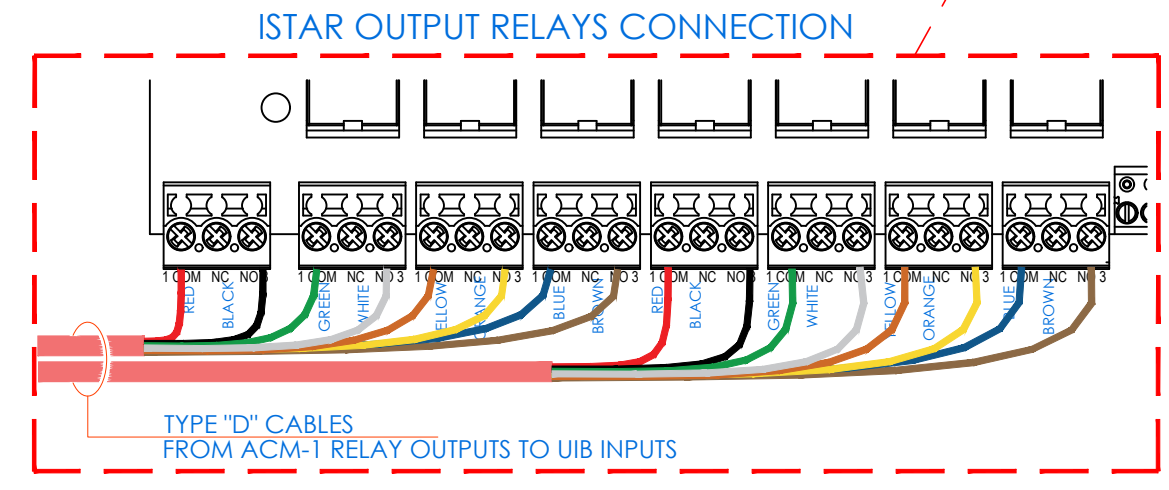
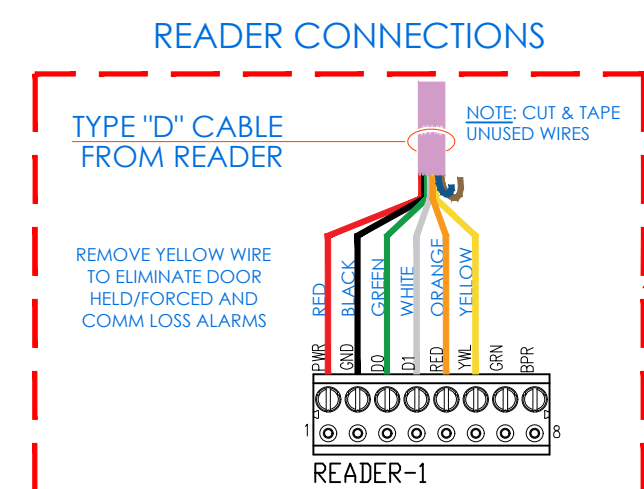
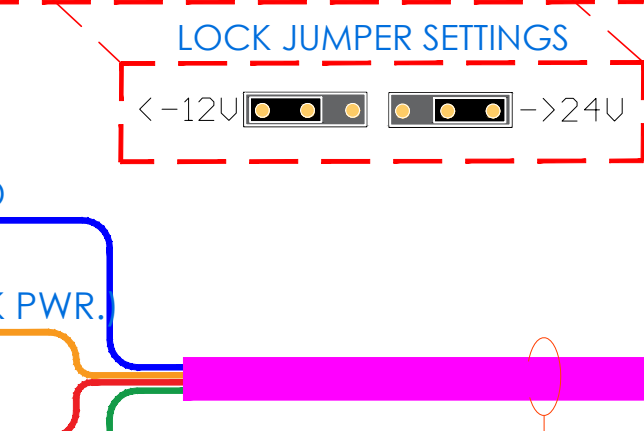
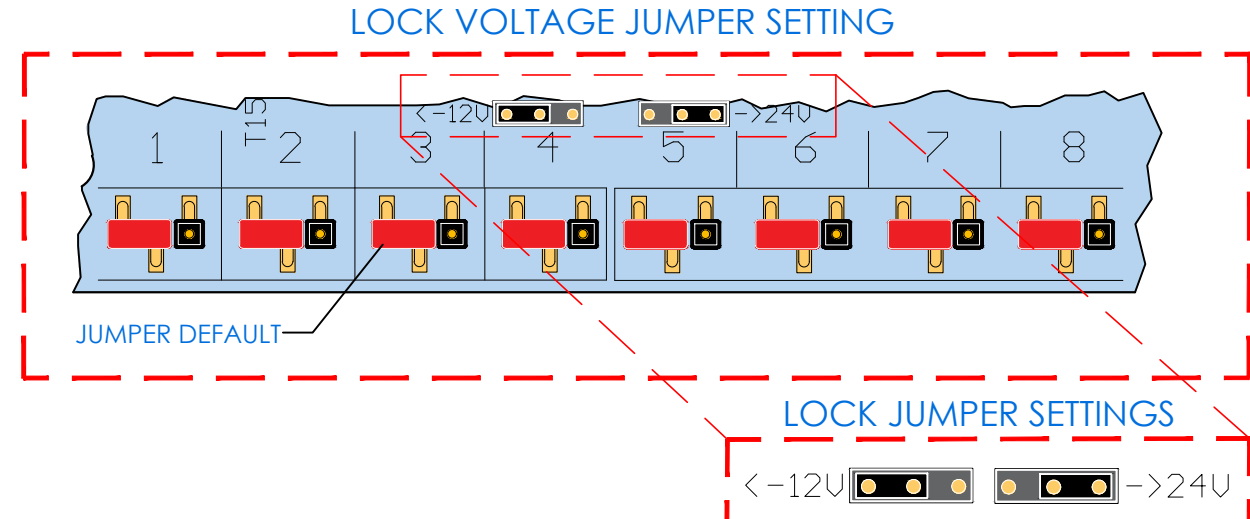
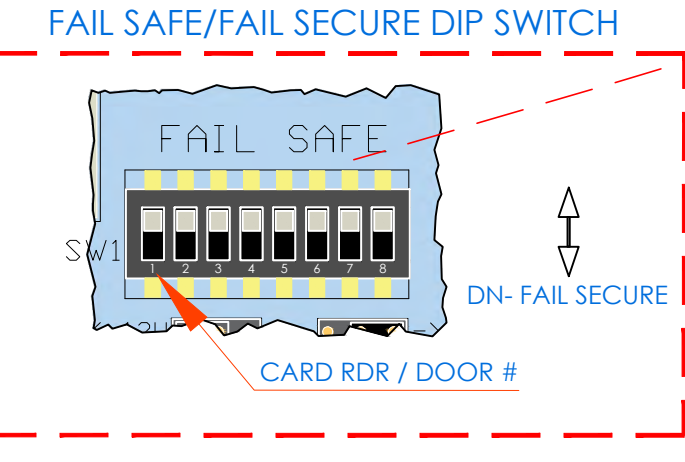
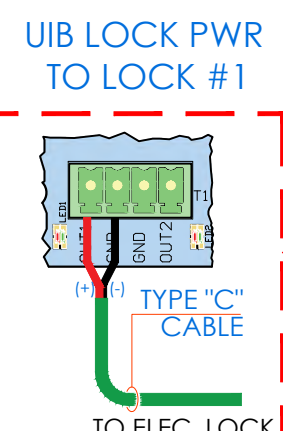
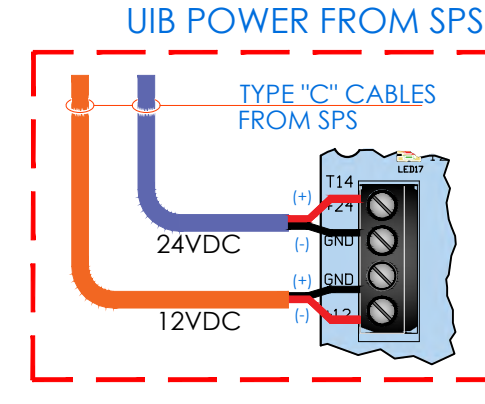
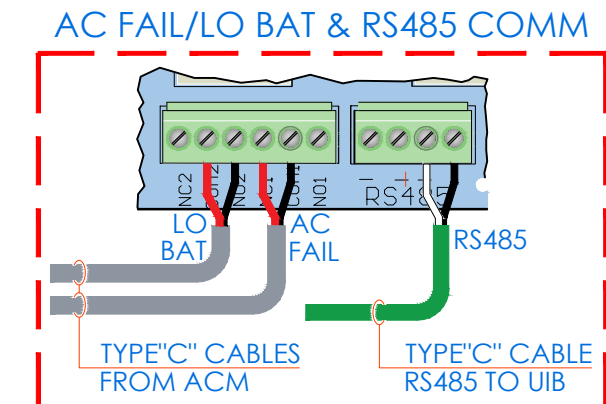
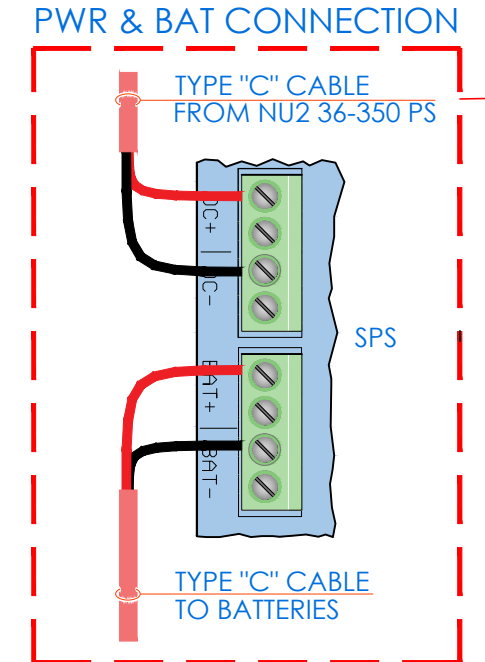
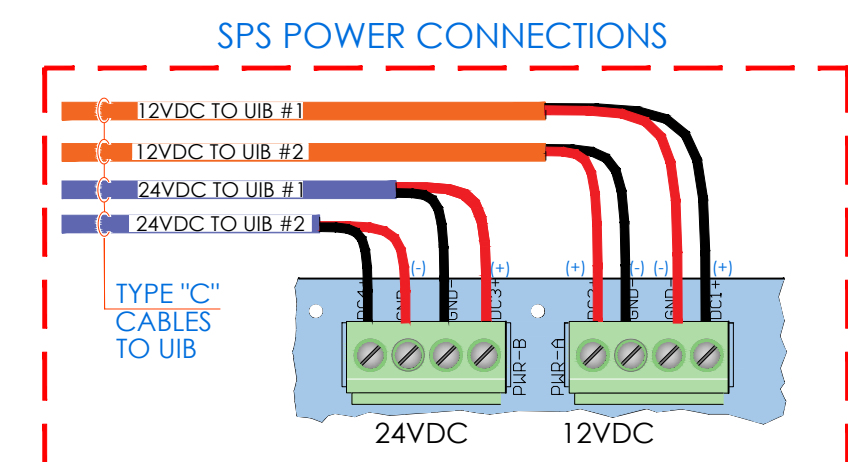
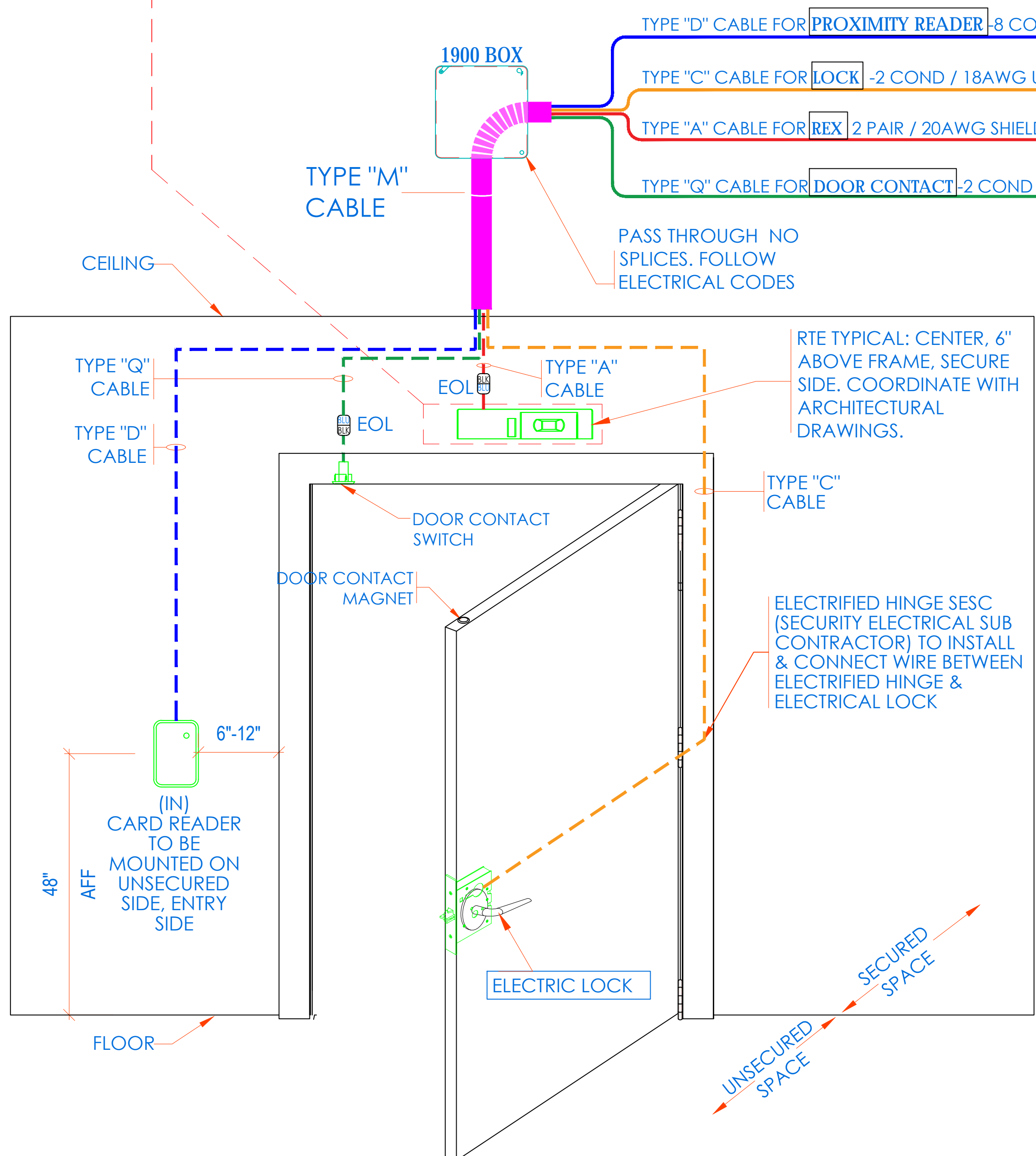
ULTRA SE TYPICAL WIRING DIAGRAM - MOTION REX

| READER CONNECTIONS | | DOOR CONTACTS CONNECTIONS | | | MOTION DETECTOR CONNECTIONS | | |
|--------------------|-------|---------------------------|-------|-----|-----------------------------|-------|-----|
| DOOR | iSTAR | DOOR | INPUT | ACM | DOOR | INPUT | ACM |
| DOOR 1 | RDR 1 | DOOR 1 | IN 1 | 1 | DOOR 1 | IN 9 | 1 |
| DOOR 2 | RDR 2 | DOOR 2 | IN 2 | 1 | DOOR 2 | IN 10 | 1 |
| DOOR 3 | RDR 3 | DOOR 3 | IN 3 | 1 | DOOR 3 | IN 11 | 1 |
| DOOR 4 | RDR 4 | DOOR 4 | IN 4 | 1 | DOOR 4 | IN 12 | 1 |
| DOOR 5 | RDR 5 | DOOR 5 | IN 5 | 1 | DOOR 5 | IN 13 | 1 |
| DOOR 6 | RDR 6 | DOOR 6 | IN 6 | 1 | DOOR 6 | IN 14 | 1 |
| DOOR 7 | RDR 7 | DOOR 7 | IN 7 | 1 | DOOR 7 | IN 15 | 1 |
| DOOR 8 | RDR 8 | DOOR 8 | IN 8 | 1 | DOOR 8 | IN 16 | 1 |
| DOOR 9 | RDR 1 | DOOR 9 | IN 1 | 2 | DOOR 9 | IN 9 | 2 |
| DOOR 10 | RDR 2 | DOOR 10 | IN 2 | 2 | DOOR 10 | IN 10 | 2 |
| DOOR 11 | RDR 3 | DOOR 11 | IN 3 | 2 | DOOR 11 | IN 11 | 2 |
| DOOR 12 | RDR 4 | DOOR 12 | IN 4 | 2 | DOOR 12 | IN 12 | 2 |
| DOOR 13 | RDR 5 | DOOR 13 | IN 5 | 2 | DOOR 13 | IN 13 | 2 |
| DOOR 14 | RDR 6 | DOOR 14 | IN 6 | 2 | DOOR 14 | IN 14 | 2 |
| DOOR 15 | RDR 7 | DOOR 15 | IN 7 | 2 | DOOR 15 | IN 15 | 2 |
| DOOR 16 | RDR 8 | DOOR 16 | IN 8 | 2 | DOOR 16 | IN 16 | 2 |

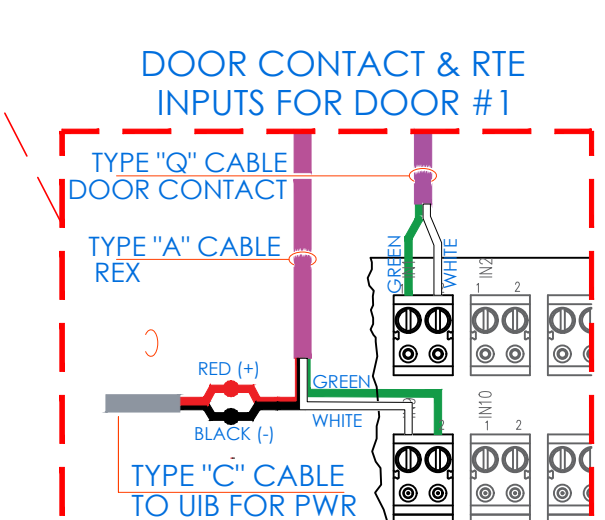
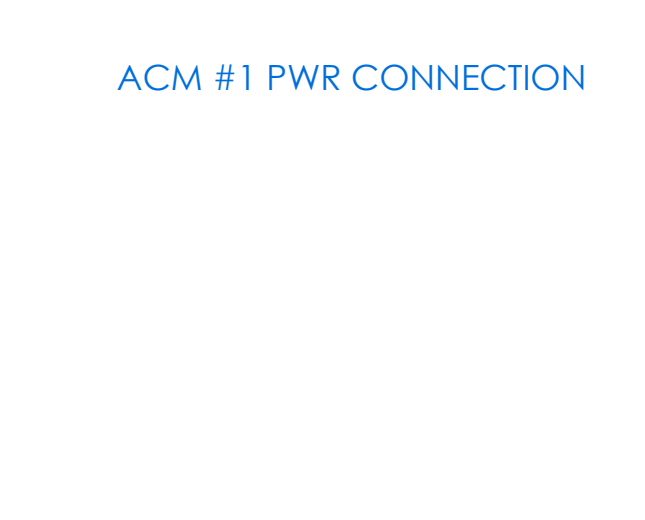
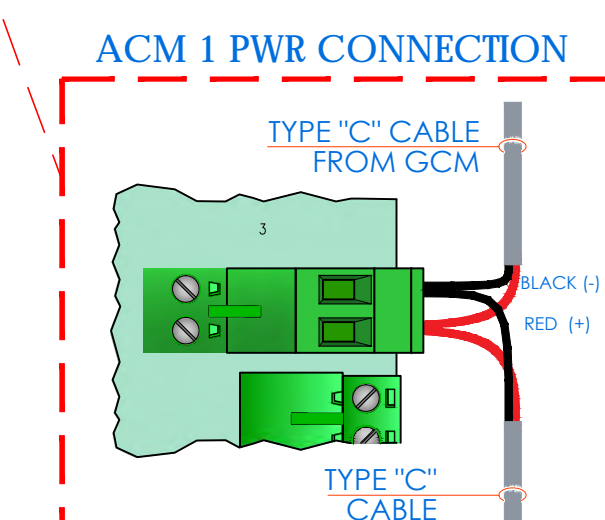
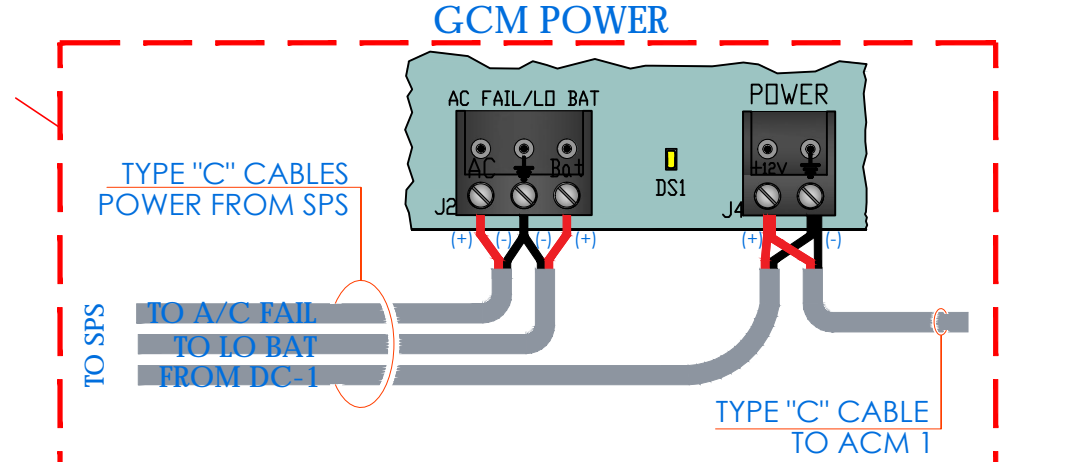
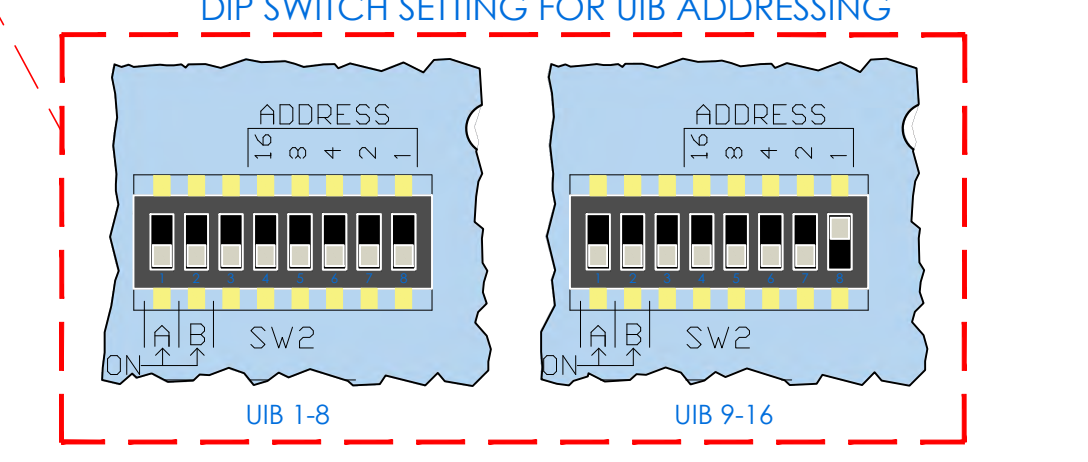
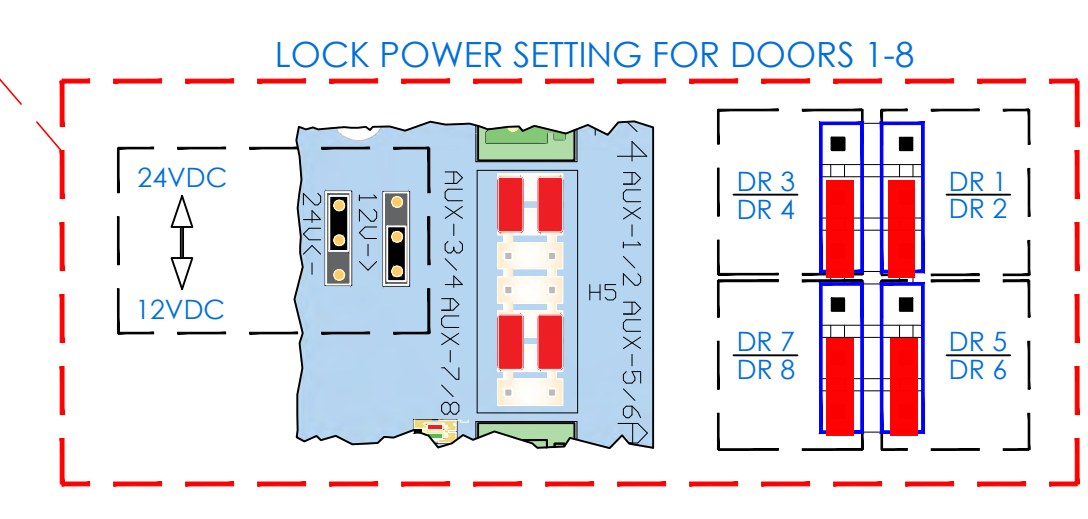
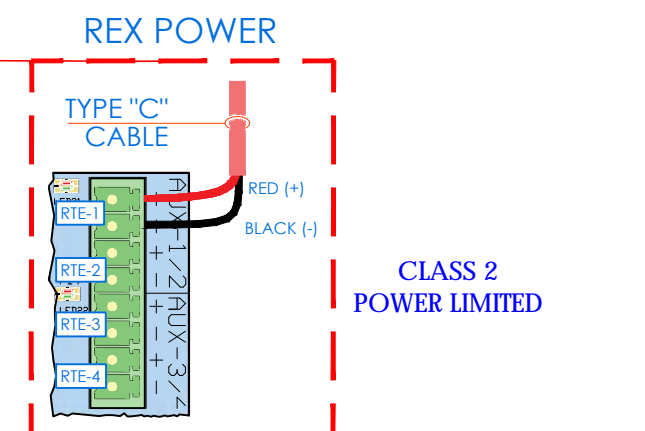
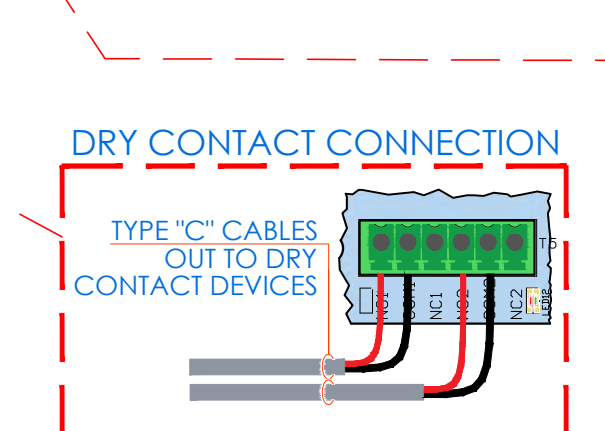
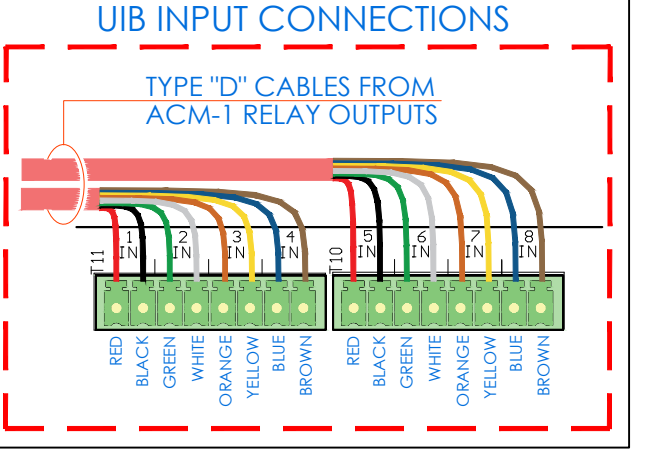
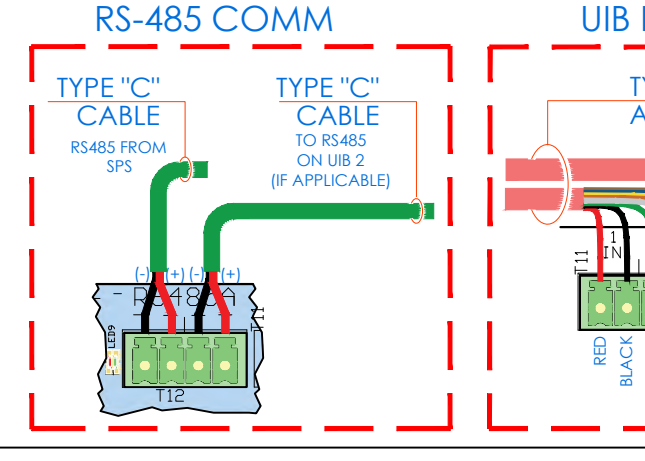
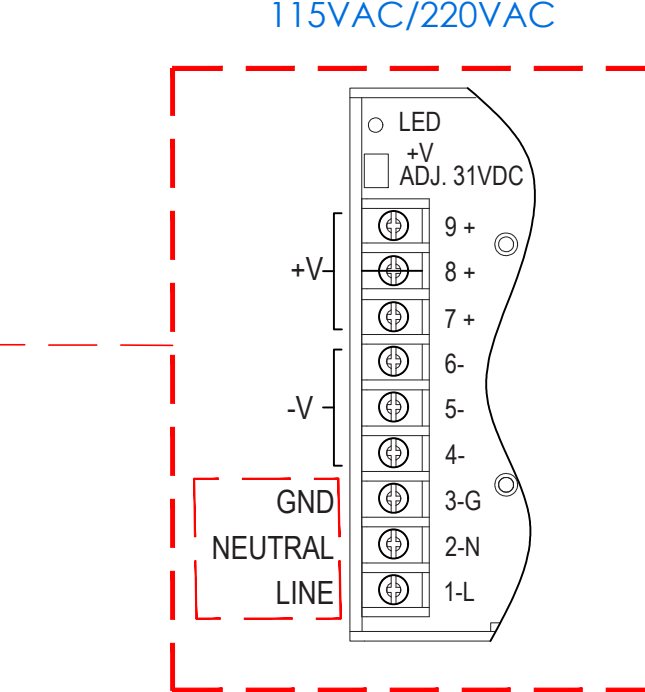
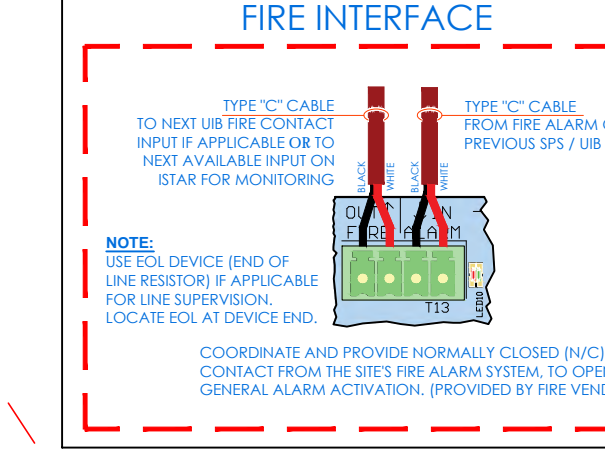
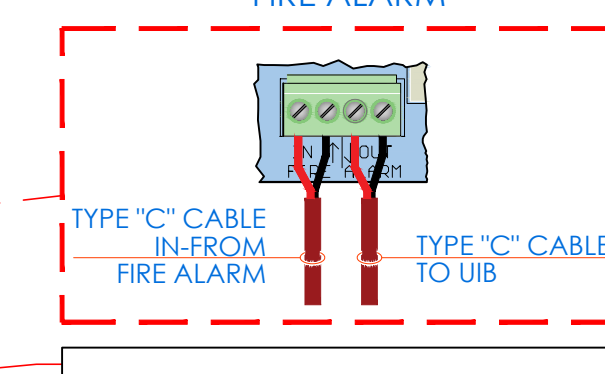
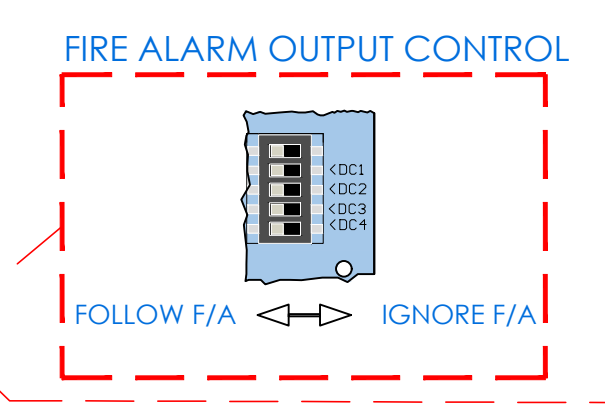
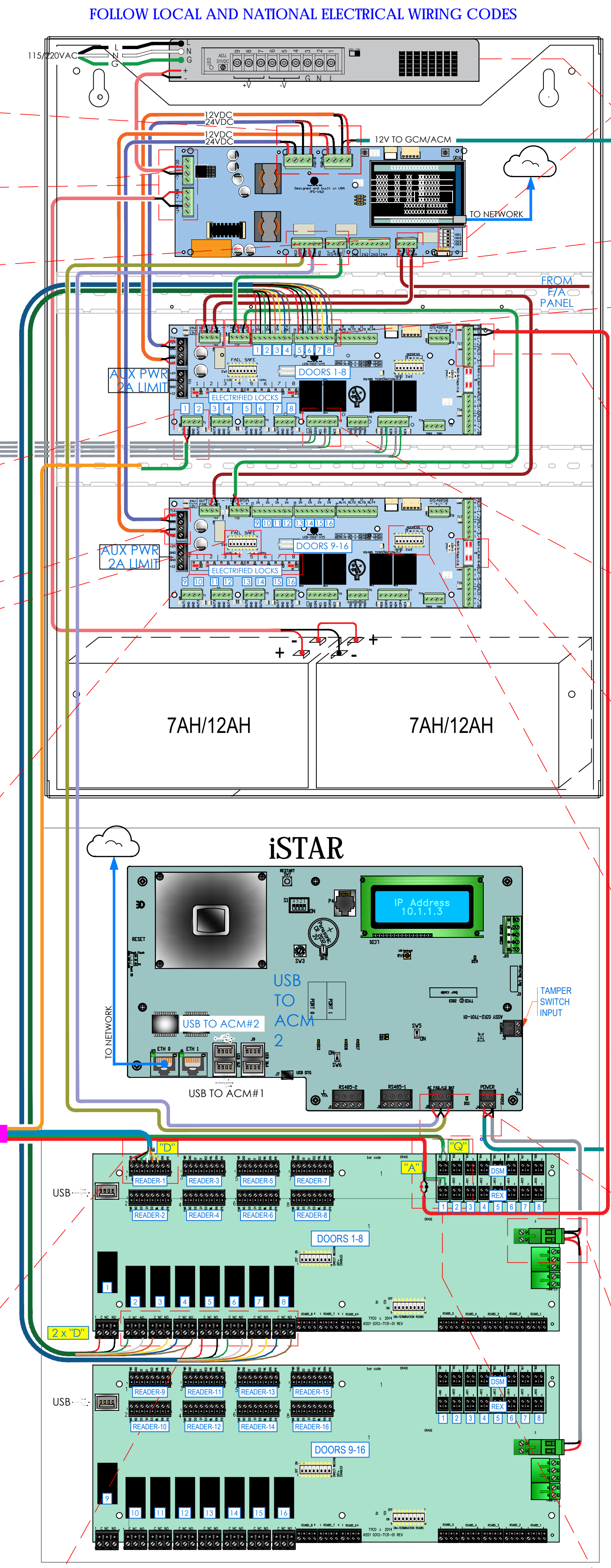
DOOR ELEVATION DIAGRAMMATICALLY SHOWN WITH ELECTRIC MORTISE LOCK AND REQUEST TO EXIT MOTION SENSOR



MOTION REX



NOTE:
 • THIS IS A DEVICE CONNECTION DRAWING SHOWING A TYPICAL DOOR SETUP. THIS MAY OR MAY NOT REPRESENT THE ELECTRIFIED HARDWARE BEING USED ON THIS PROJECT. SEE DOOR TYPICAL FOR MORE INFORMATION AND CONFIRM HARDWARE TYPE FOR EACH SPECIFIC LOCATION PRIOR TO ANY INSTALLATION.
 • FIELD VERIFY EXACT LOCATION OF CARD READERS & OTHER DOOR DEVICES AT PROPER SIDE OF DOOR.

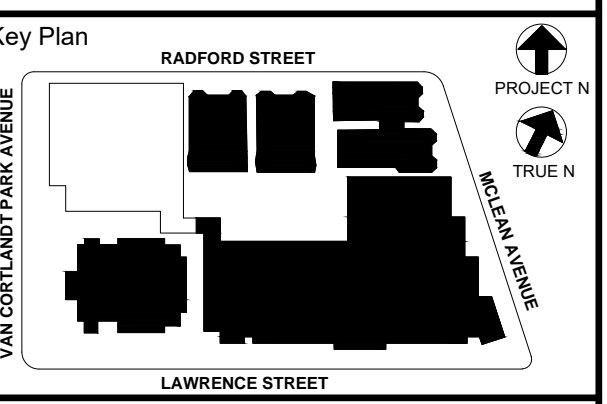


NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
 YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
 121 McLean Avenue
 Yonkers, NY 10705

KG+D listen imagine build
 KG+D ARCHITECTS, PC
 285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
 P-914.688.5800 KGDARCHITECTS.COM

ITG Larson, Inc.
 155 Lafayette Ave
 White Plains, NY 10603
 SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
 66-23-00-01-0-346-001



NOTE: ALL DEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF KG+D ARCHITECTS, PC.
 WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.
 ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT SHALL BE ACTING AGAINST THE INTERESTS OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 2615 OF THE NEW YORK STATE LAW.
 COPYRIGHT 2020, KG+D ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

ULTRA SE TYPICAL WIRING DIAGRAM FOR 16 CR DOORS w/ MOTION REX

Job No: 2019-1026 Date: 08/31/2020
 Scale: AS NOTED Drawn / Checked

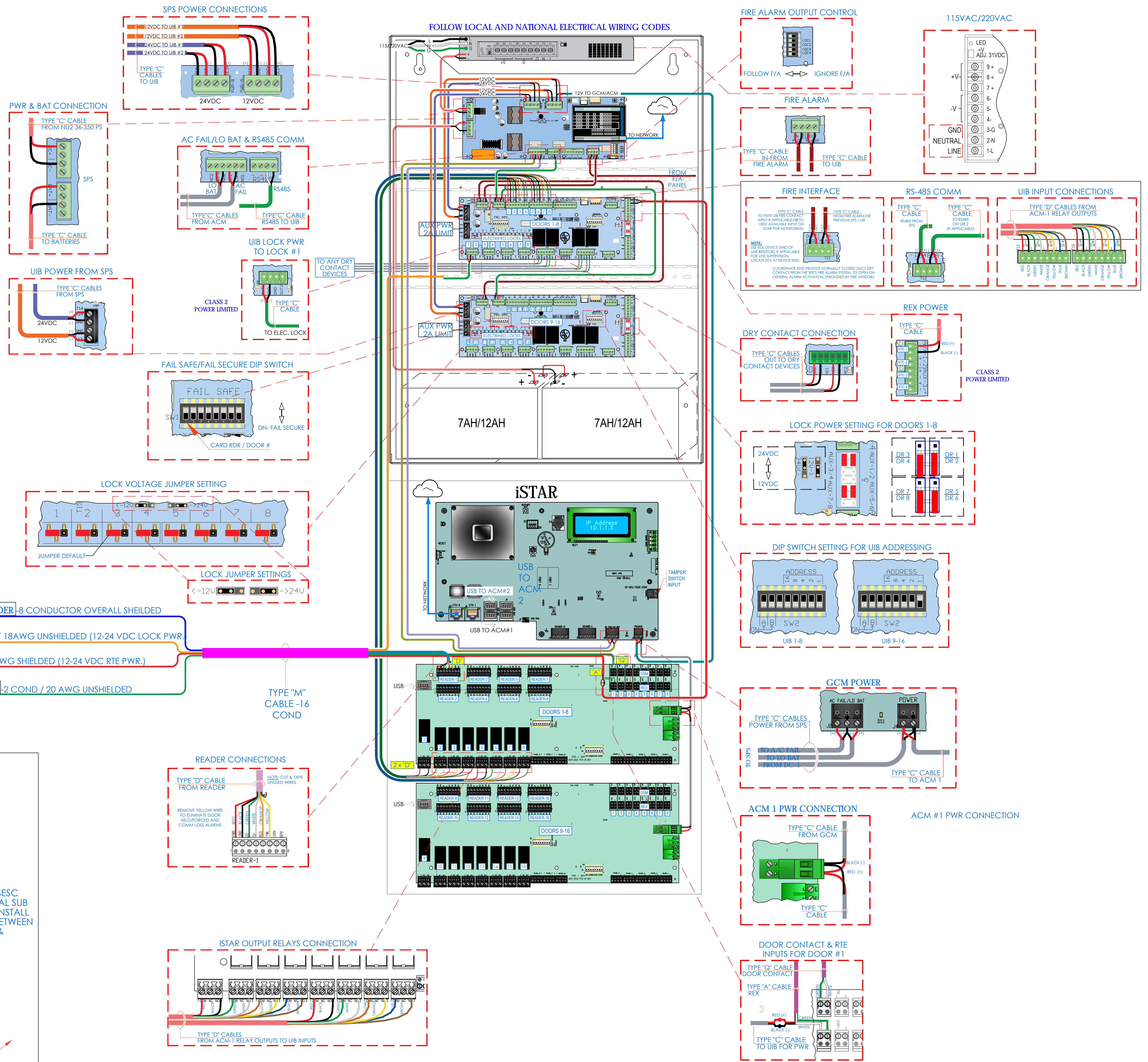
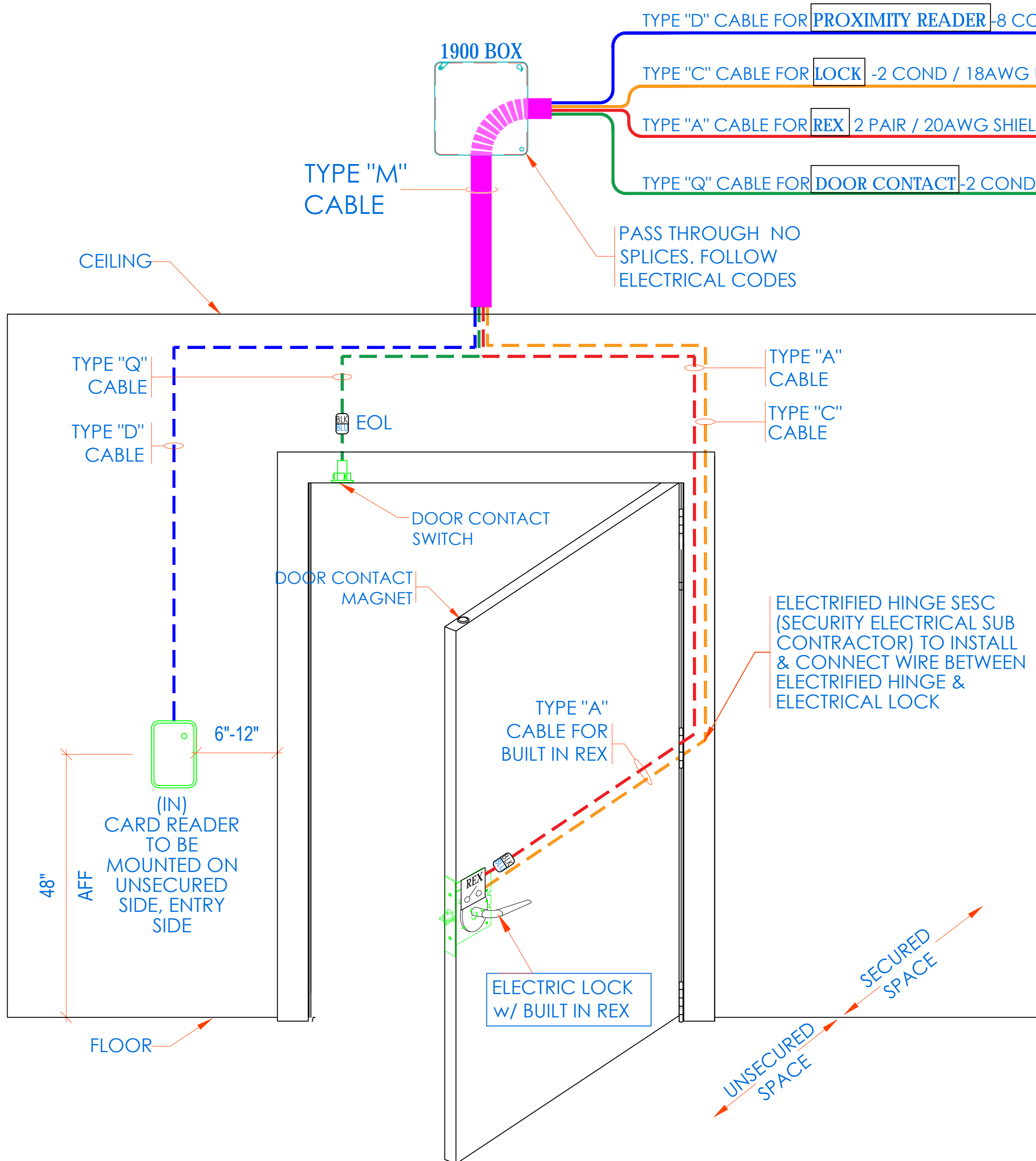
Sheet Number: SE-702-A

ULTRA SE TYPICAL WIRING DIAGRAM - REX LOCK

| READER CONNECTIONS | | DOOR CONTACTS CONNECTIONS | | | MOTION DETECTOR CONNECTIONS | | |
|--------------------|-------|---------------------------|-------|-----|-----------------------------|-------|-----|
| DOOR | iSTAR | DOOR | INPUT | ACM | DOOR | INPUT | ACM |
| DOOR 1 | RDR 1 | DOOR 1 | IN 1 | 1 | DOOR 1 | IN 9 | 1 |
| DOOR 2 | RDR 2 | DOOR 2 | IN 2 | 1 | DOOR 2 | IN 10 | 1 |
| DOOR 3 | RDR 3 | DOOR 3 | IN 3 | 1 | DOOR 3 | IN 11 | 1 |
| DOOR 4 | RDR 4 | DOOR 4 | IN 4 | 1 | DOOR 4 | IN 12 | 1 |
| DOOR 5 | RDR 5 | DOOR 5 | IN 5 | 1 | DOOR 5 | IN 13 | 1 |
| DOOR 6 | RDR 6 | DOOR 6 | IN 6 | 1 | DOOR 6 | IN 14 | 1 |
| DOOR 7 | RDR 7 | DOOR 7 | IN 7 | 1 | DOOR 7 | IN 15 | 1 |
| DOOR 8 | RDR 8 | DOOR 8 | IN 8 | 1 | DOOR 8 | IN 16 | 1 |
| DOOR 9 | RDR 1 | DOOR 9 | IN 1 | 2 | DOOR 9 | IN 9 | 2 |
| DOOR 10 | RDR 2 | DOOR 10 | IN 2 | 2 | DOOR 10 | IN 10 | 2 |
| DOOR 11 | RDR 3 | DOOR 11 | IN 3 | 2 | DOOR 11 | IN 11 | 2 |
| DOOR 12 | RDR 4 | DOOR 12 | IN 4 | 2 | DOOR 12 | IN 12 | 2 |
| DOOR 13 | RDR 5 | DOOR 13 | IN 5 | 2 | DOOR 13 | IN 13 | 2 |
| DOOR 14 | RDR 6 | DOOR 14 | IN 6 | 2 | DOOR 14 | IN 14 | 2 |
| DOOR 15 | RDR 7 | DOOR 15 | IN 7 | 2 | DOOR 15 | IN 15 | 2 |
| DOOR 16 | RDR 8 | DOOR 16 | IN 8 | 2 | DOOR 16 | IN 16 | 2 |

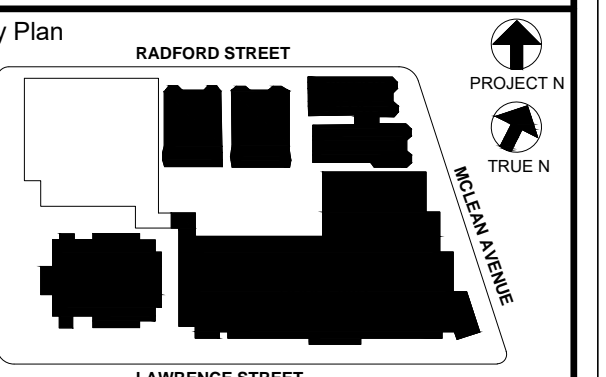
DOOR ELEVATION DIAGRAMMATICALLY SHOWN WITH ELECTRIC MORTISE LOCK AND REQUEST TO EXIT MOTION SENSOR

REX IN LOCK



NOTE:

- THIS IS A DEVICE CONNECTION DRAWING SHOWING A TYPICAL DOOR SETUP. THIS MAY OR MAY NOT REPRESENT THE ELECTRIFIED HARDWARE BEING USED ON THIS PROJECT. SEE DOOR TYPICAL FOR MORE INFORMATION AND CONFIRM HARDWARE TYPE FOR EACH SPECIFIC LOCATION PRIOR TO ANY INSTALLATION.
- FIELD VERIFY EXACT LOCATION OF CARD READERS & OTHER DOOR DEVICES AT PROPER SIDE OF DOOR.



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING OR ANY INFORMATION CONTAINED HEREIN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 8, SECTION 28-109 OF THE NEW YORK STATE LABOR LAW.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

Sheet Title

ULTRA SE TYPICAL WIRING DIAGRAM FOR 16 CR DOORS w/ BUILT-IN REX

| | | | |
|--------------|-----------|-----------------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale | AS NOTED | Drawn / Checked | |
| Sheet Number | | | |

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

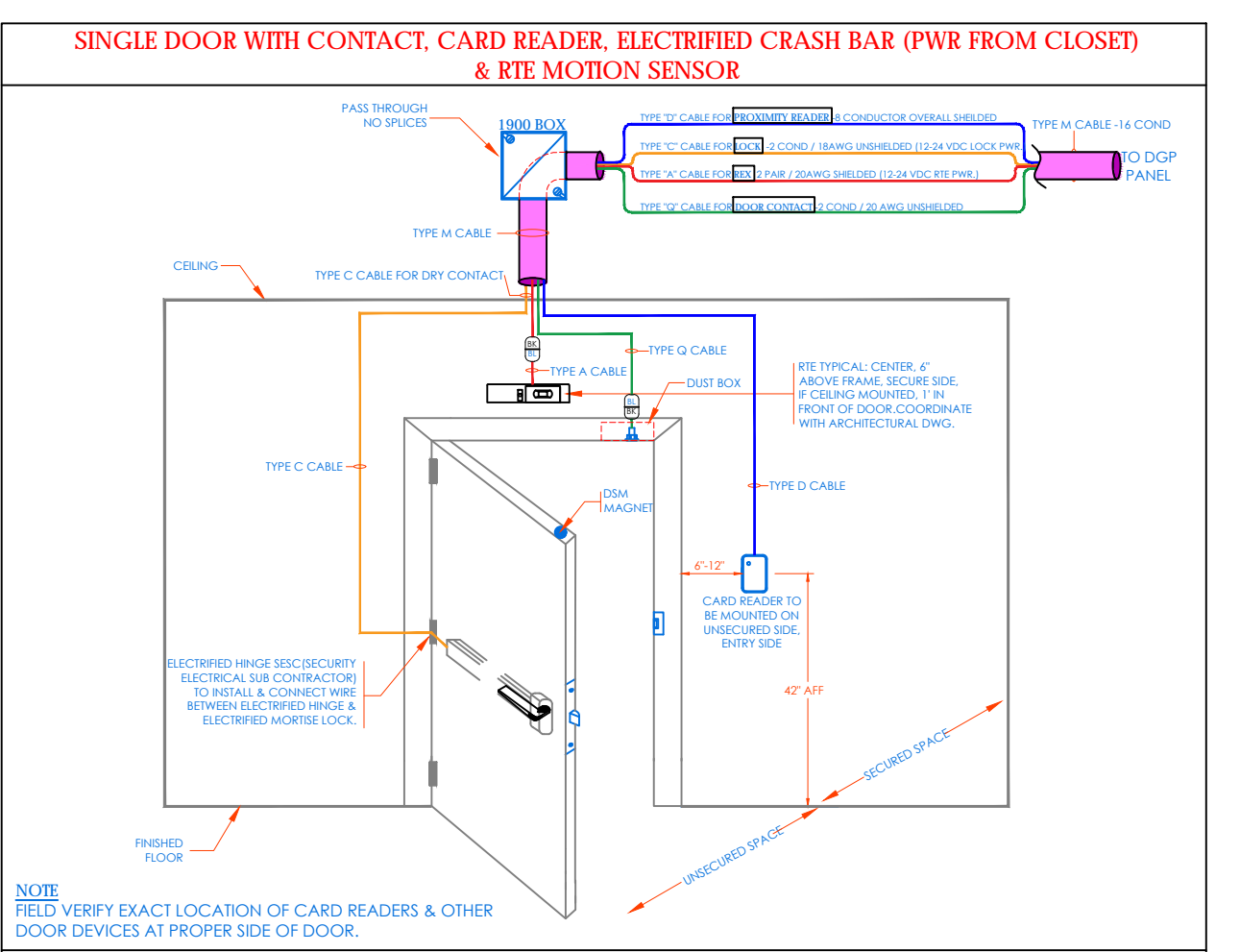
121 McLean Avenue Yonkers, NY 10705

KG+D ARCHITECTS, PC 285 MAIN STREET, MOUNT KISCO, NEW YORK 10549 P-914.688.5500 KGARCHITECTS.COM

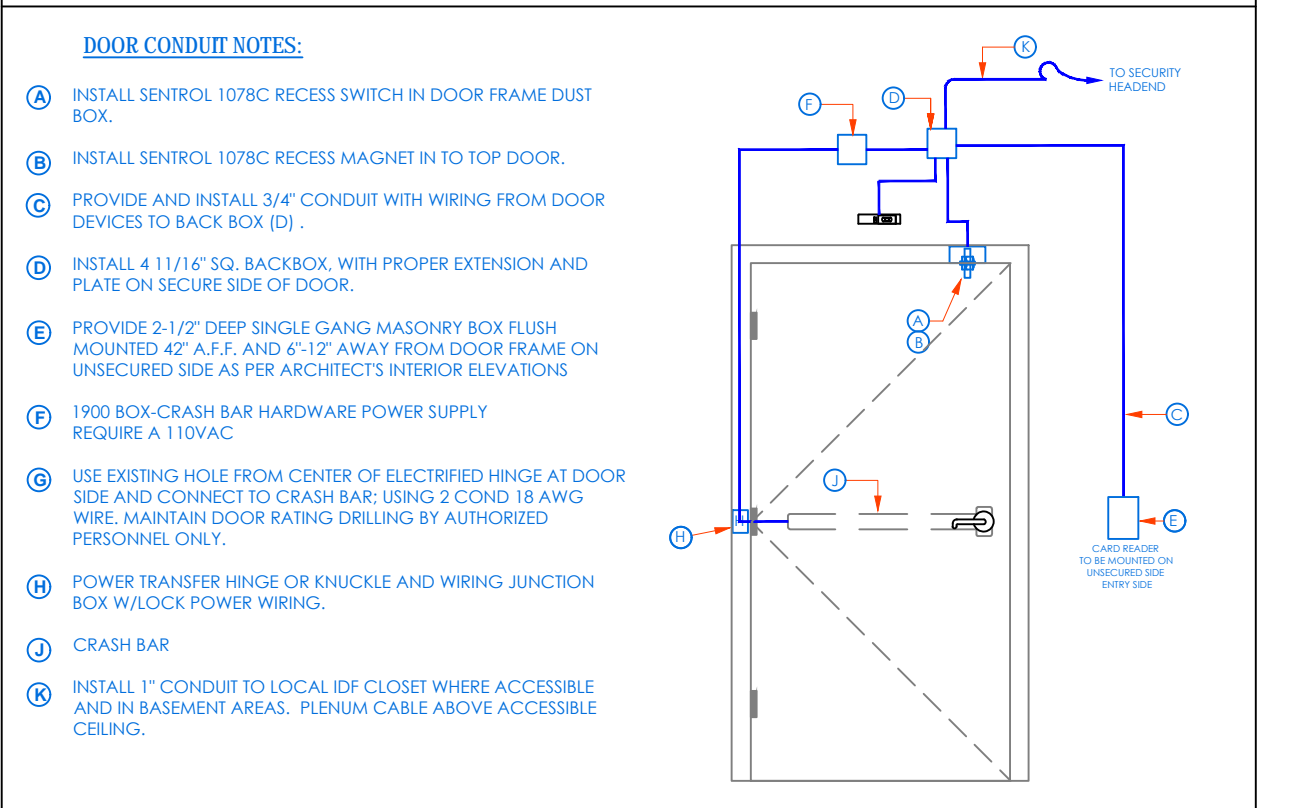


155 Lafayette Ave White Plains, NY 10603 SECURITY SYSTEMS

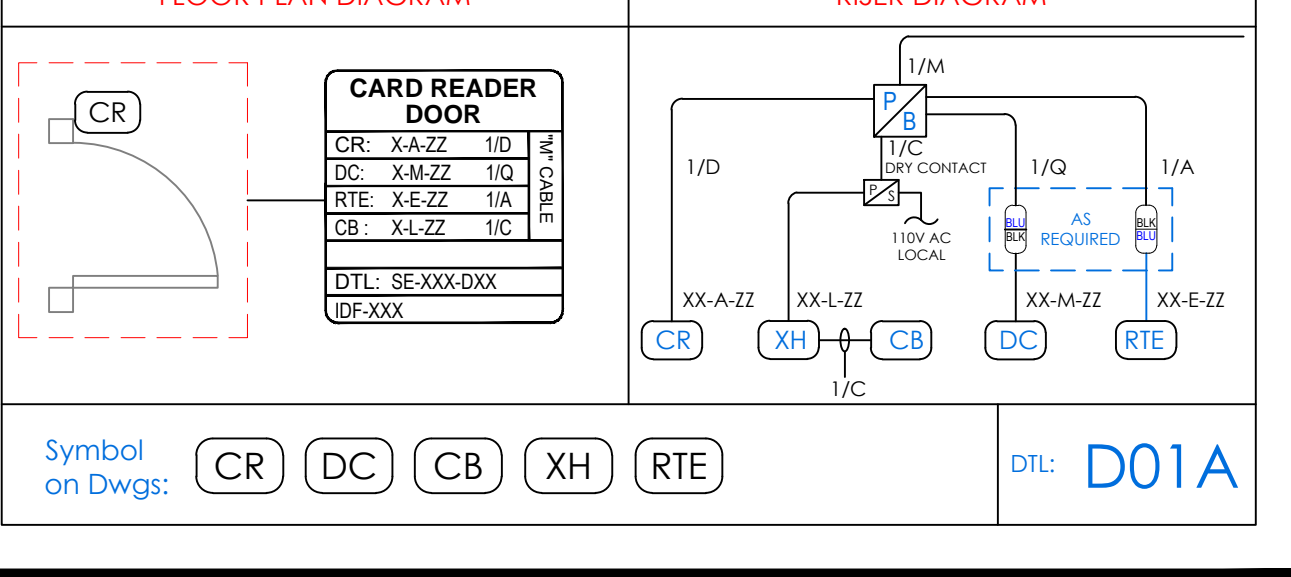
NY SED PROJECT CONTROL NO. 66-23-00-01-0-346-001



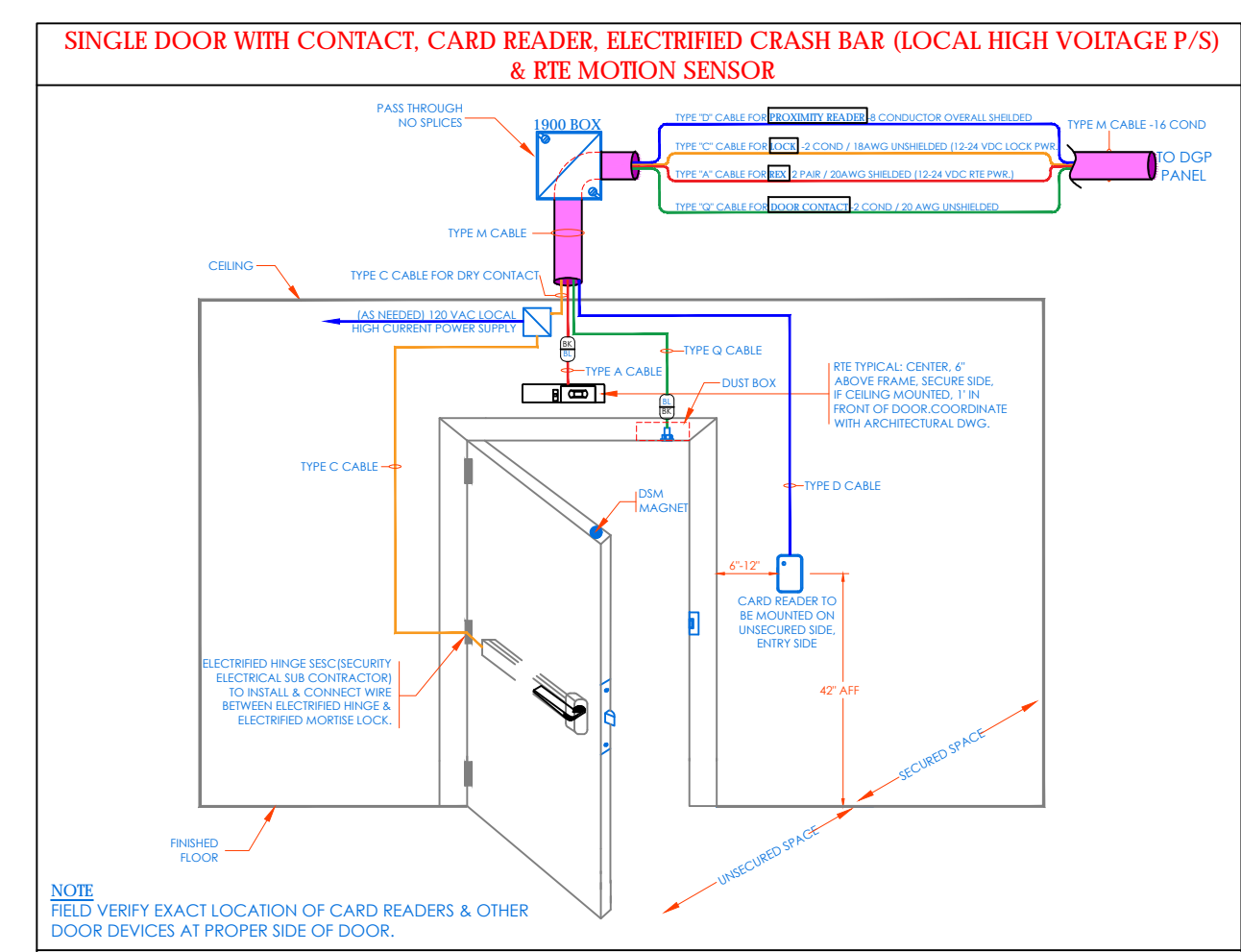
SINGLE DOOR WITH CONTACT, CARD READER, ELECTRIFIED CRASH BAR (PWR FROM CLOSET) & RTE MOTION SENSOR



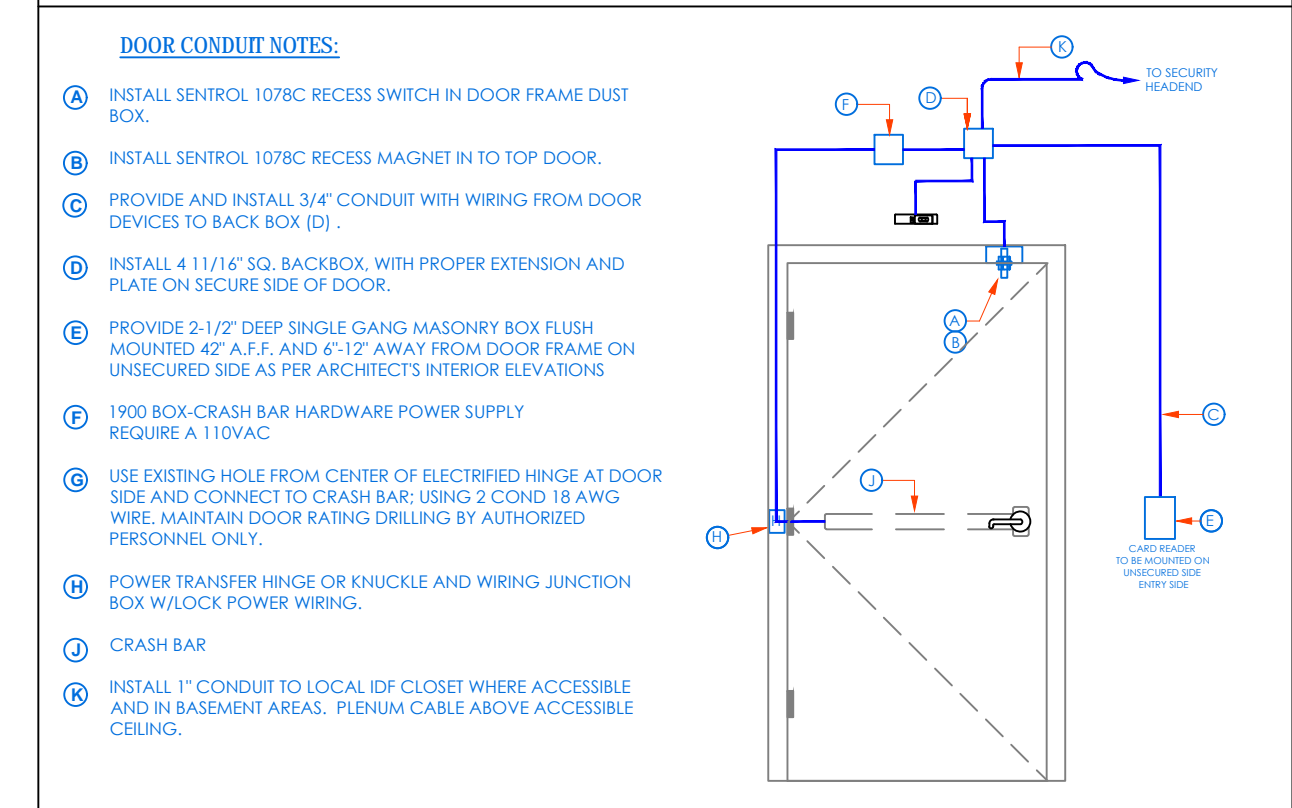
CONDUIT AND WIRING ROUGH-IN LAYOUT



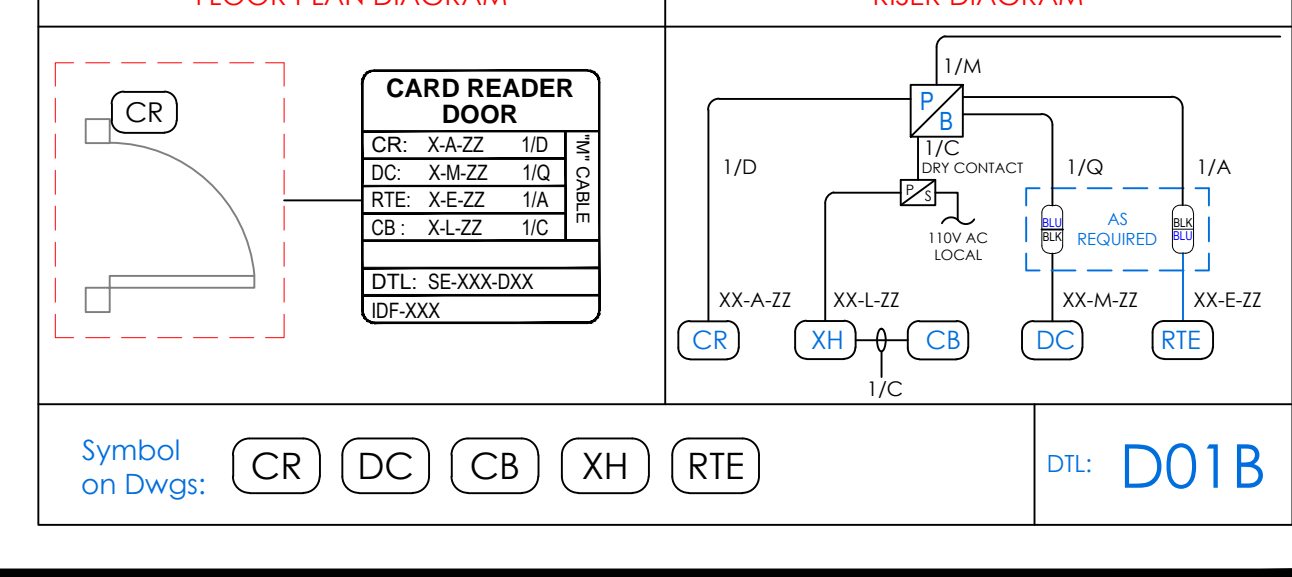
FLOOR PLAN DIAGRAM RISER DIAGRAM



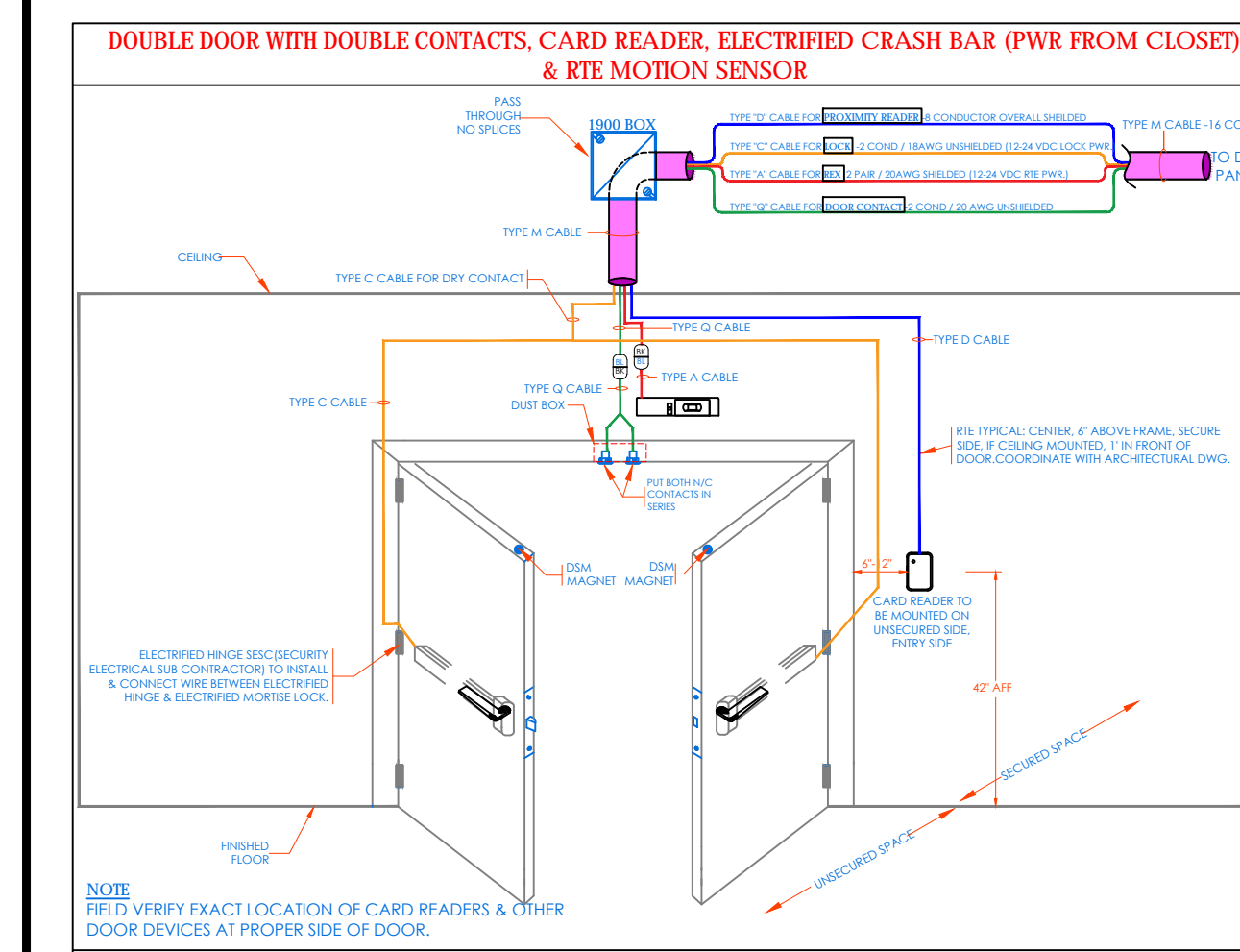
SINGLE DOOR WITH CONTACT, CARD READER, ELECTRIFIED CRASH BAR (LOCAL HIGH VOLTAGE P/S) & RTE MOTION SENSOR



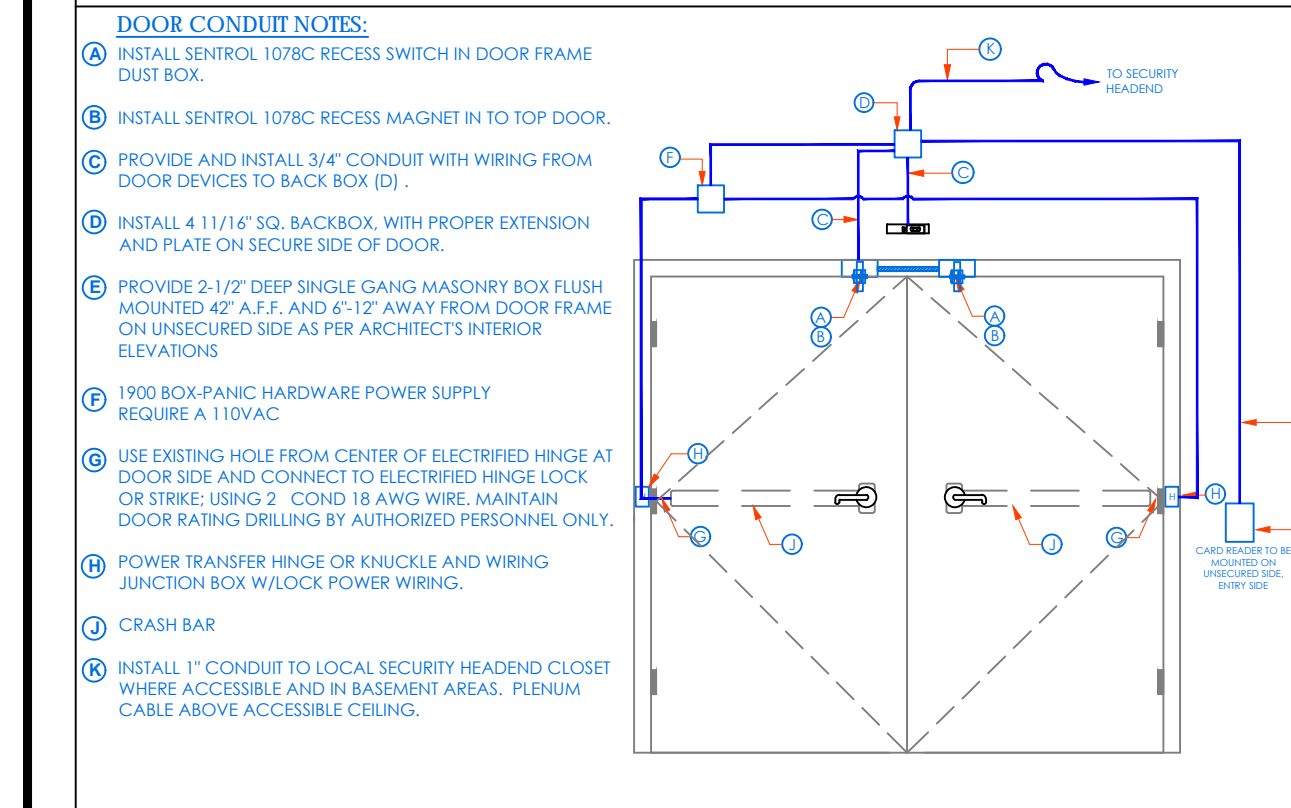
CONDUIT AND WIRING ROUGH-IN LAYOUT



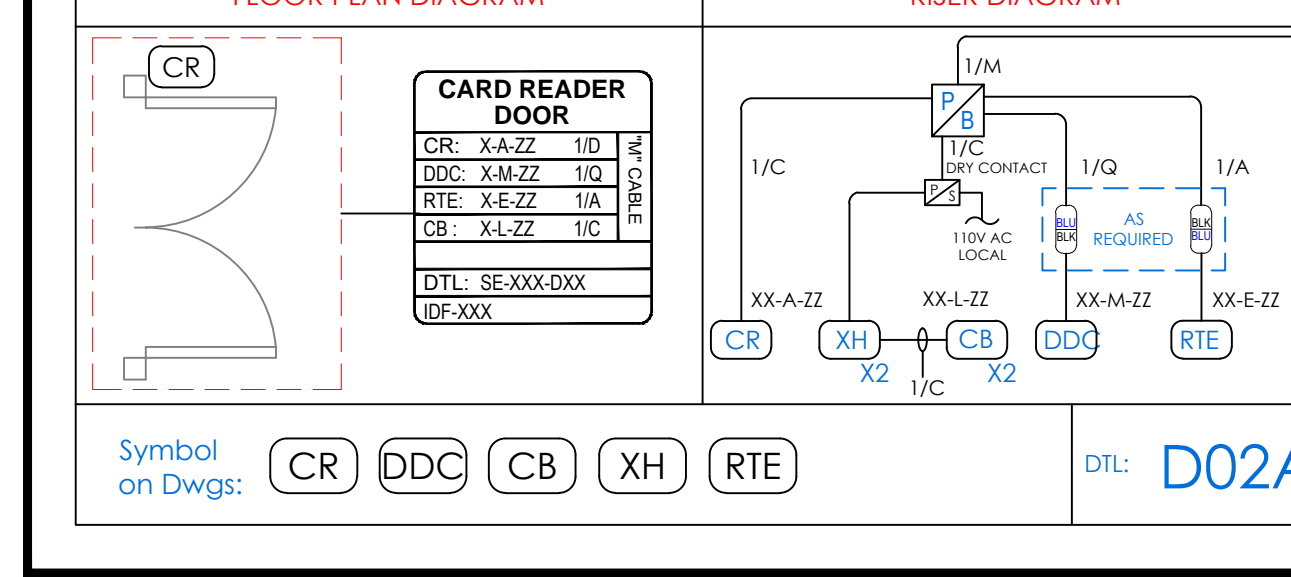
FLOOR PLAN DIAGRAM RISER DIAGRAM



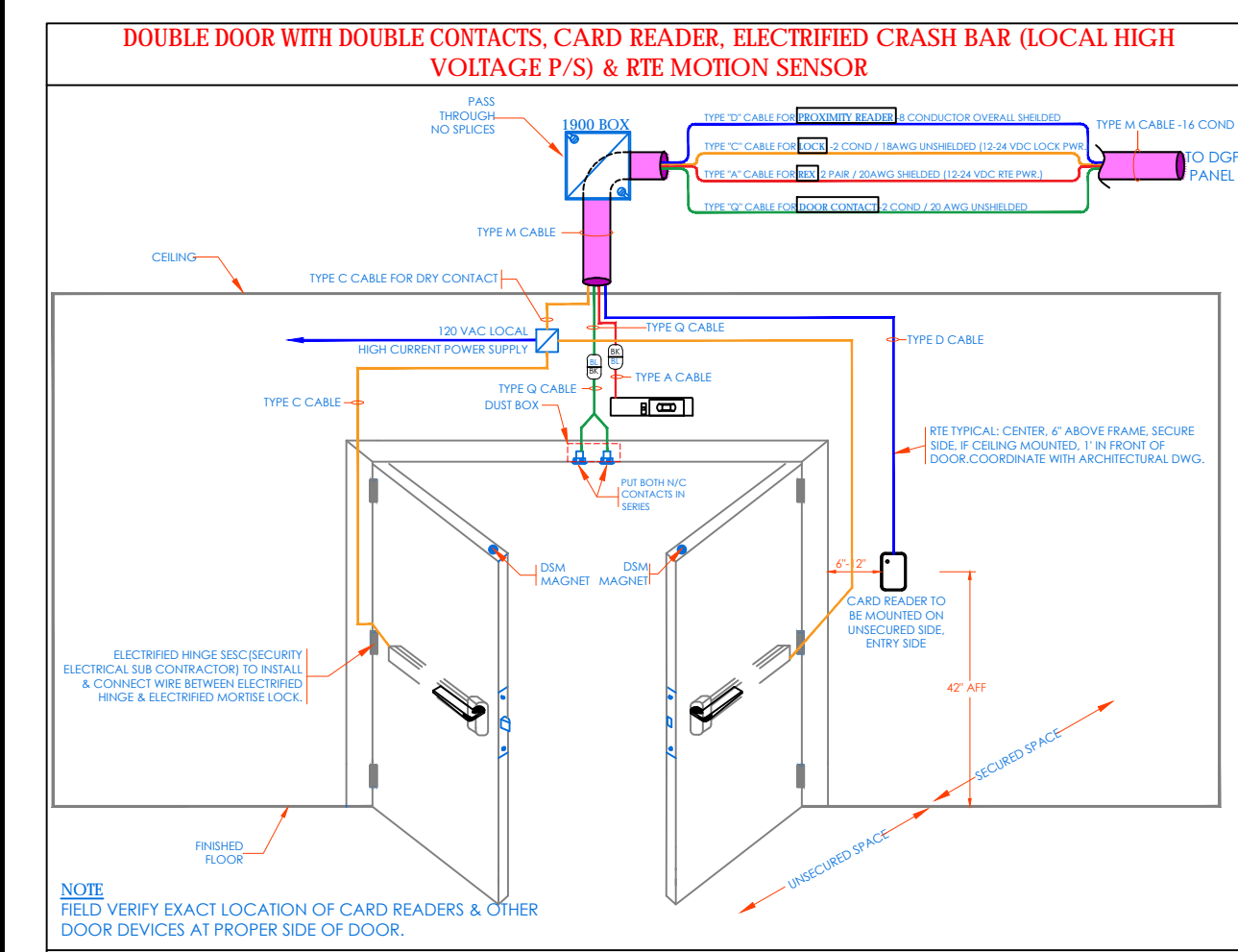
DOUBLE DOOR WITH DOUBLE CONTACTS, CARD READER, ELECTRIFIED CRASH BAR (PWR FROM CLOSET) & RTE MOTION SENSOR



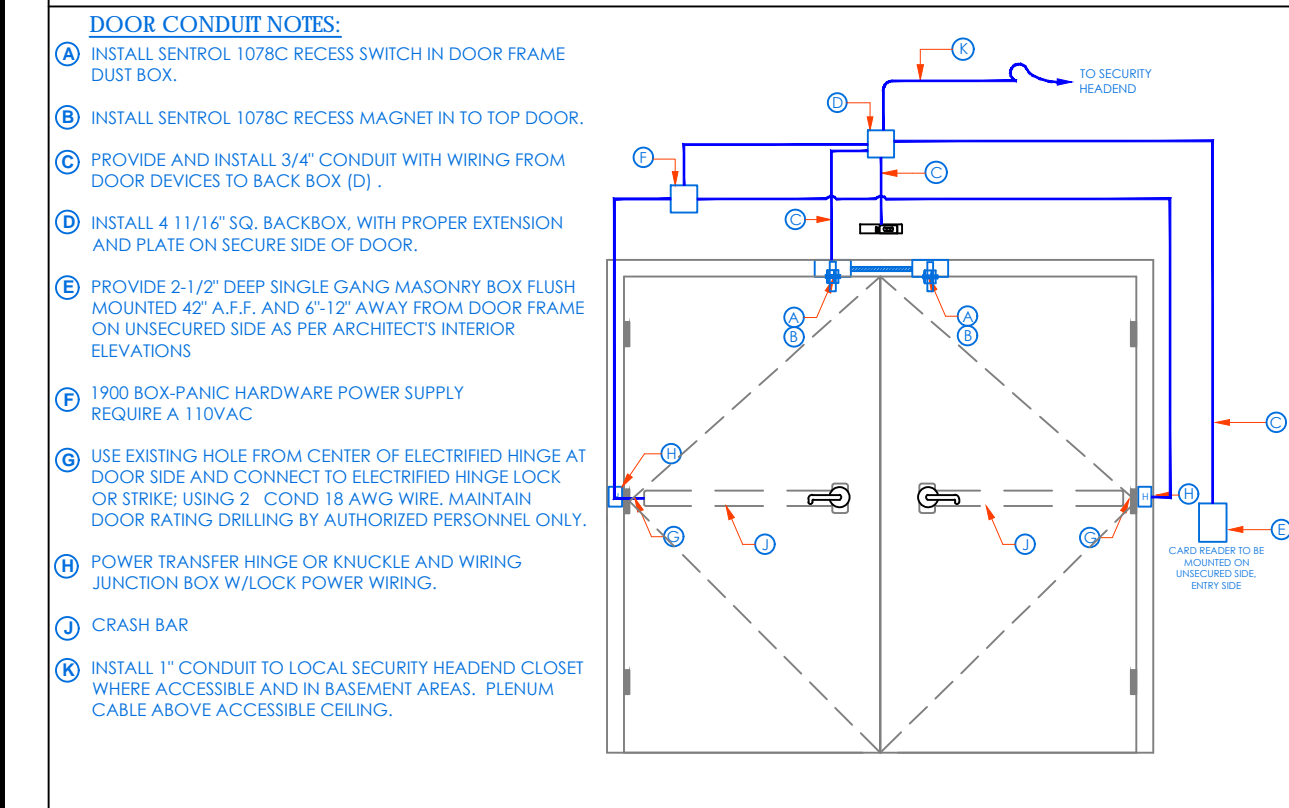
CONDUIT AND WIRING ROUGH-IN LAYOUT



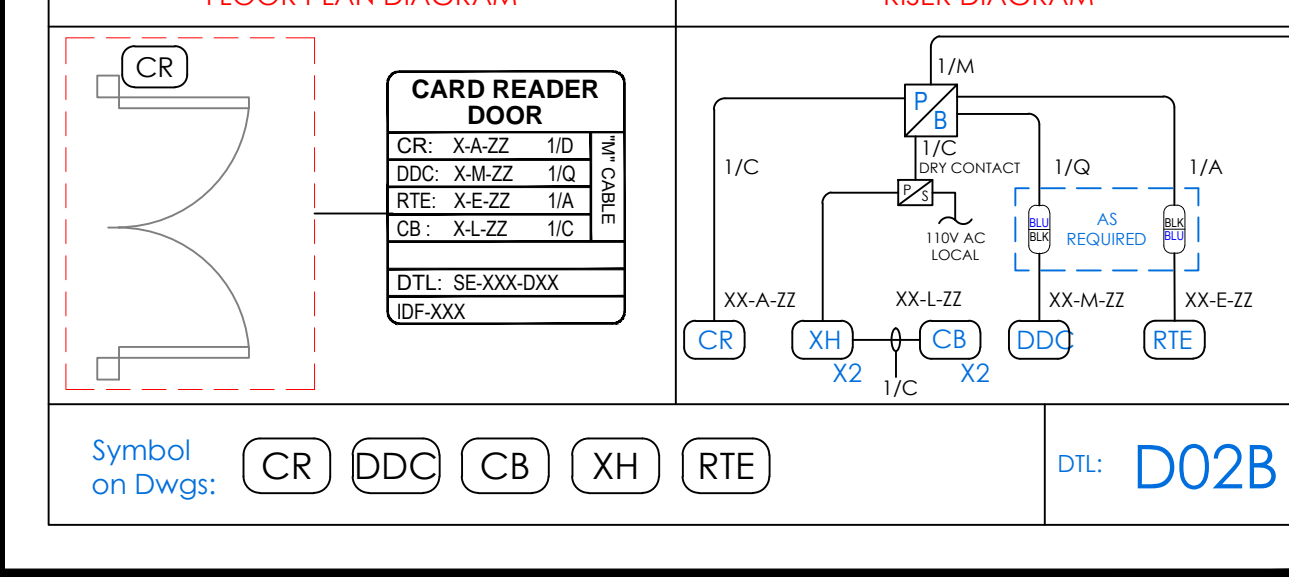
FLOOR PLAN DIAGRAM RISER DIAGRAM



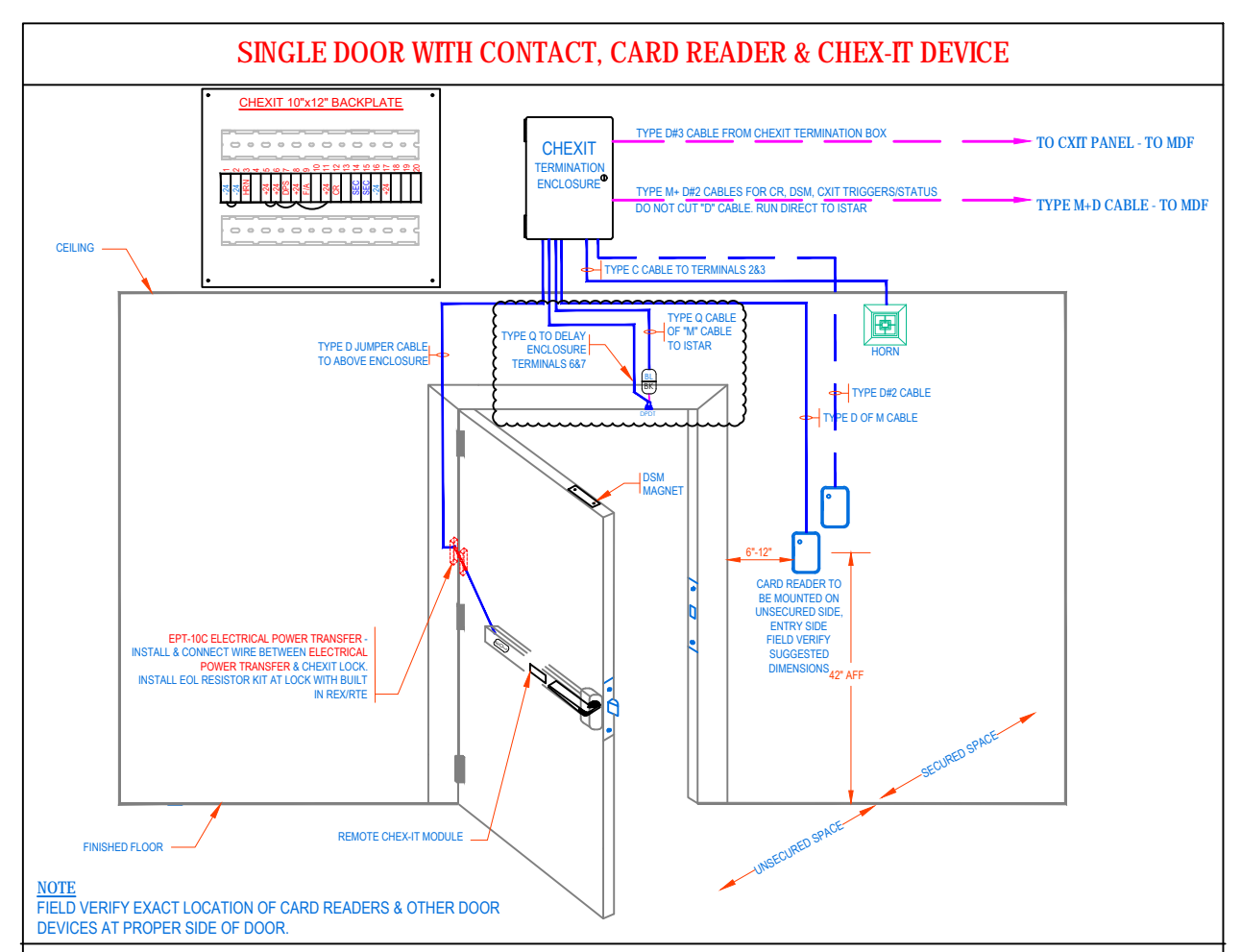
DOUBLE DOOR WITH DOUBLE CONTACTS, CARD READER, ELECTRIFIED CRASH BAR (LOCAL HIGH VOLTAGE P/S) & RTE MOTION SENSOR



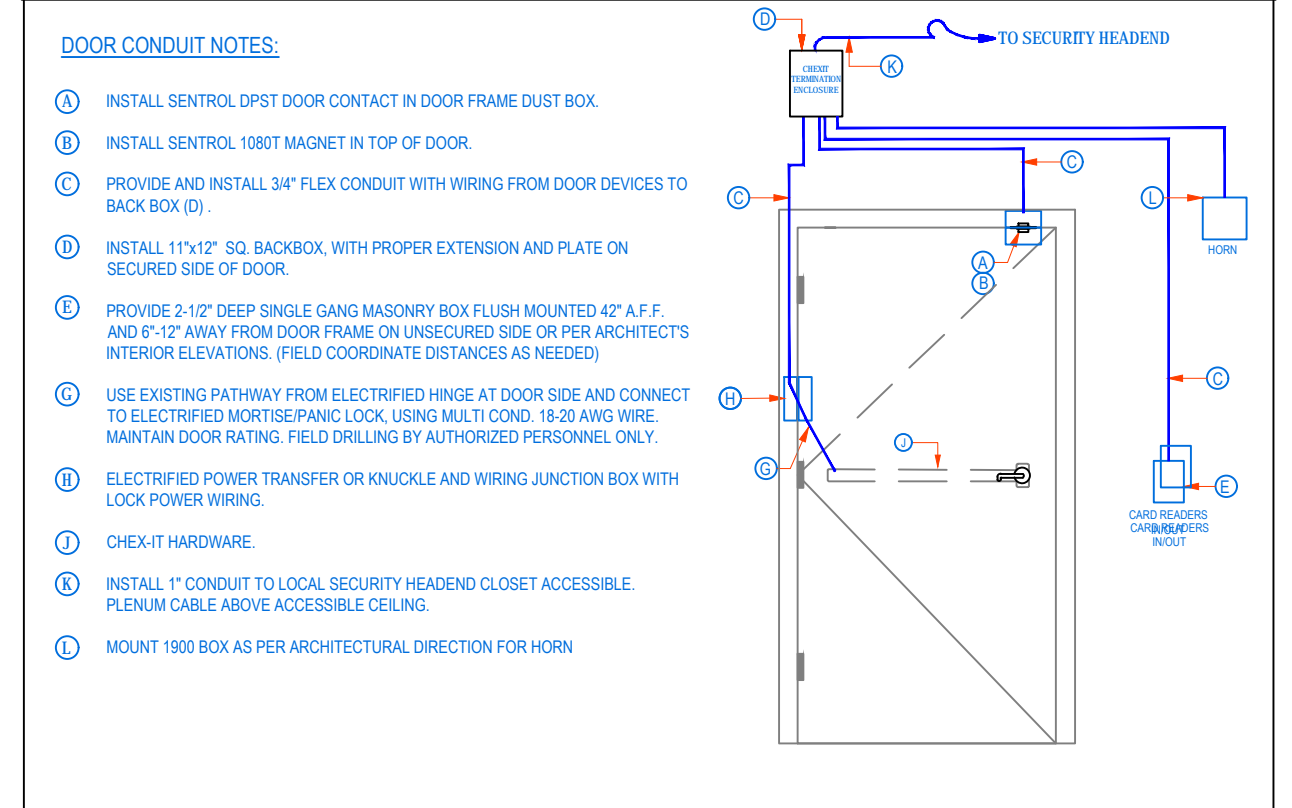
CONDUIT AND WIRING ROUGH-IN LAYOUT



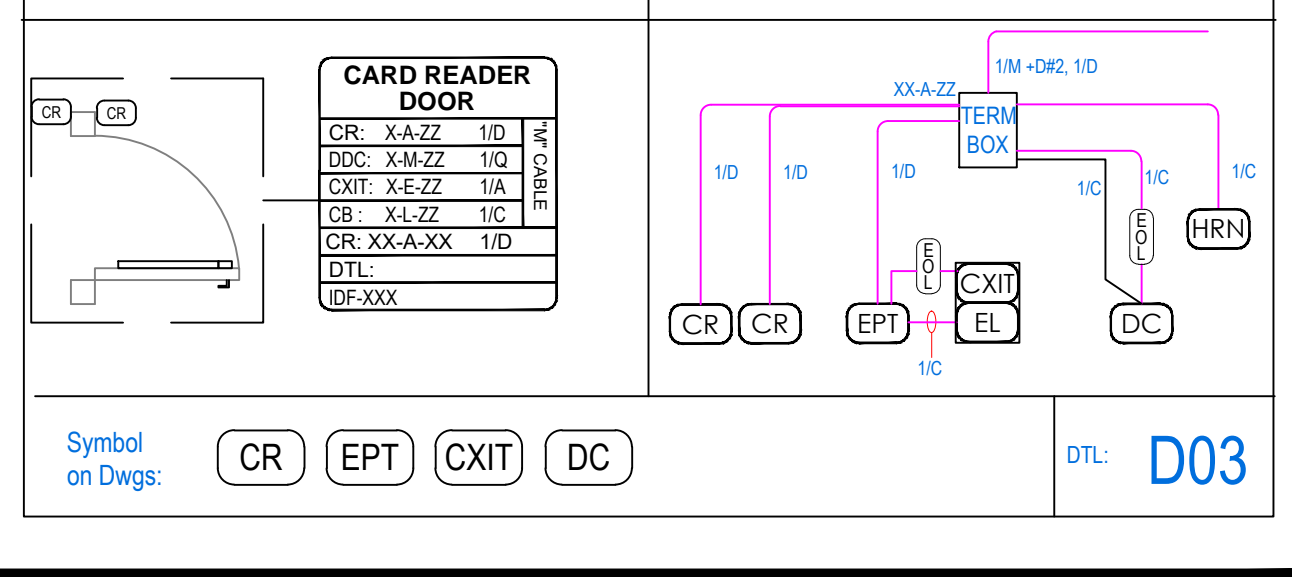
FLOOR PLAN DIAGRAM RISER DIAGRAM



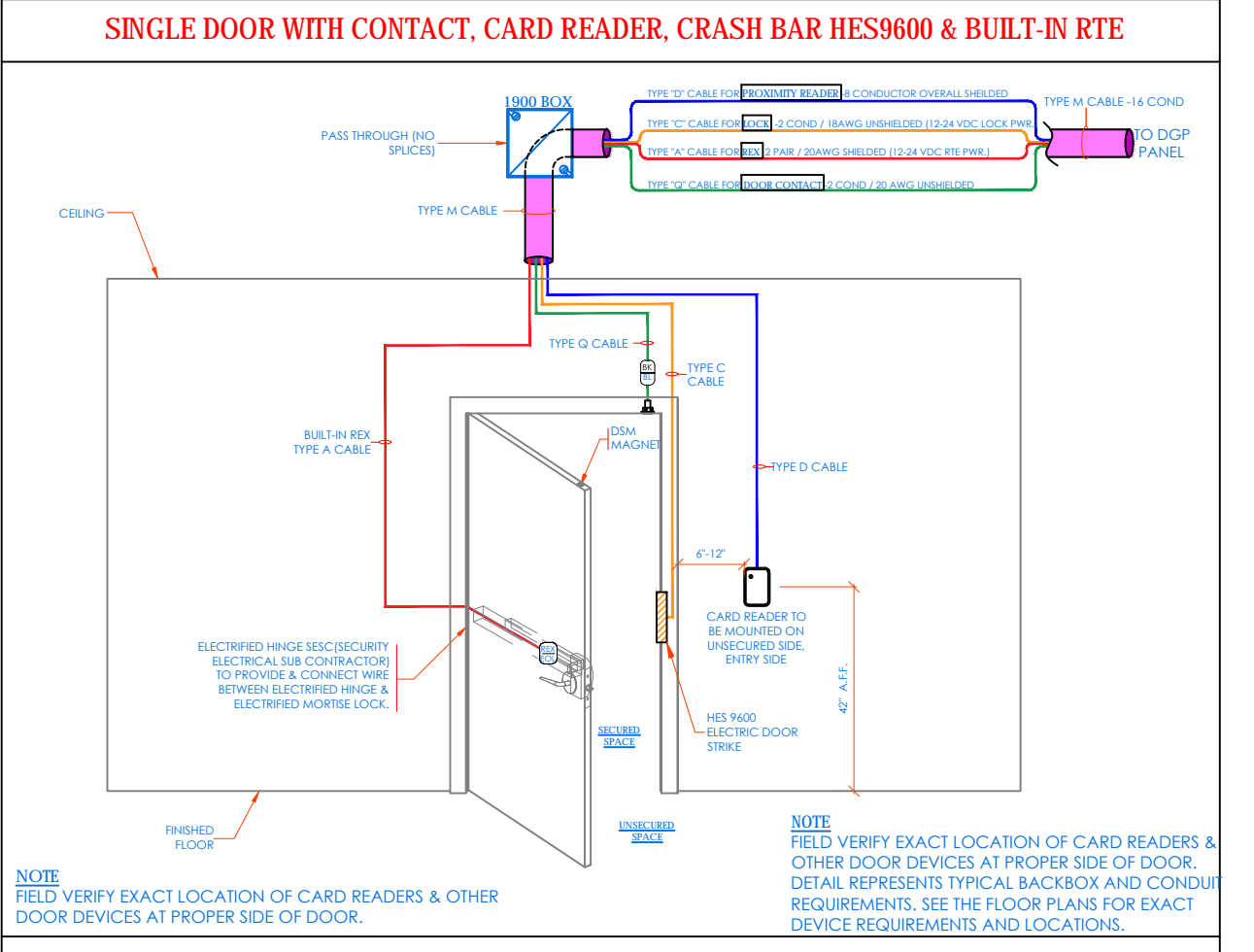
SINGLE DOOR WITH CONTACT, CARD READER & CHEK-IT DEVICE



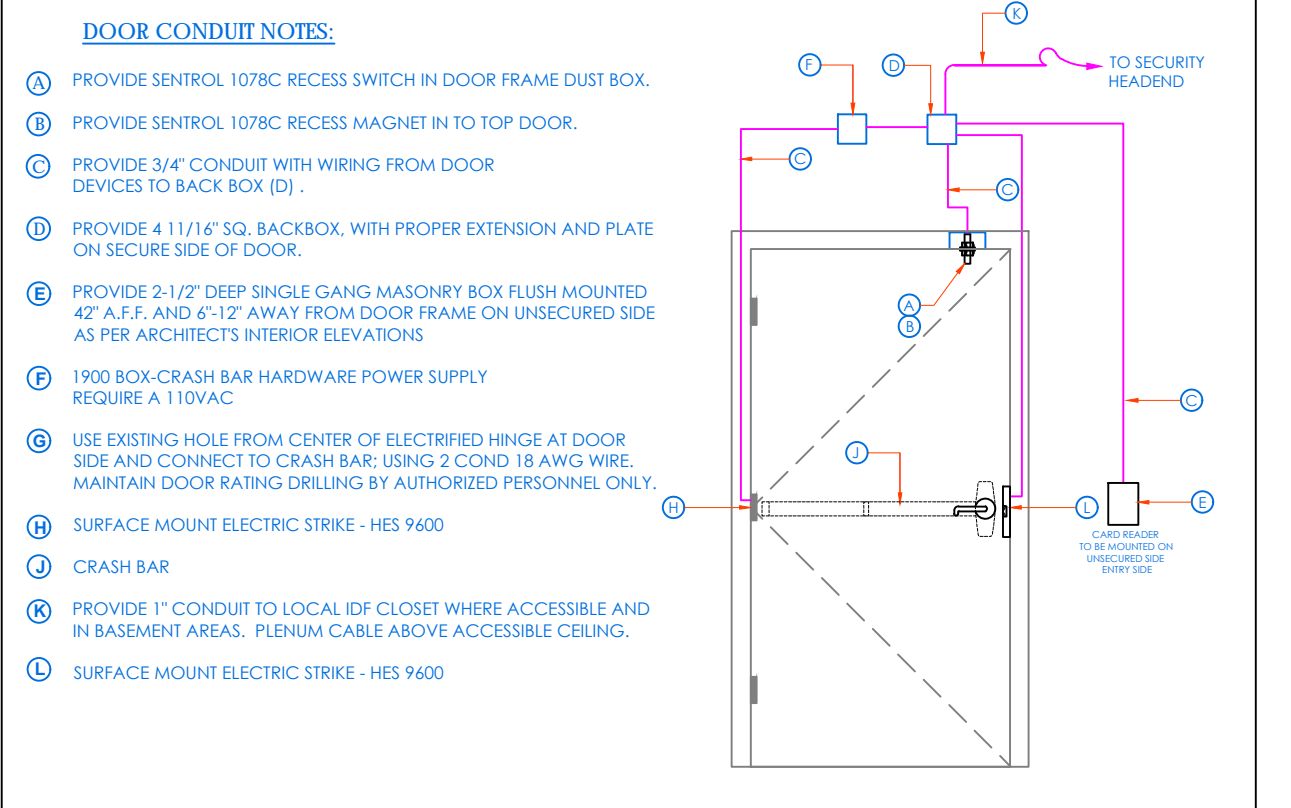
CONDUIT AND WIRING ROUGH-IN LAYOUT



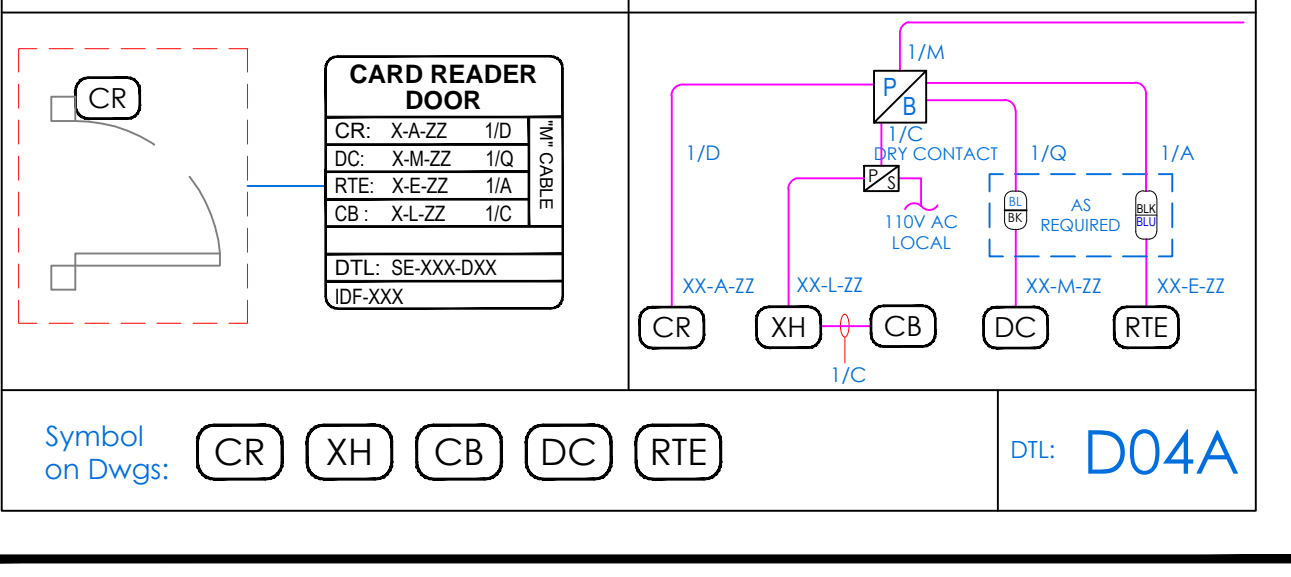
FLOOR PLAN DIAGRAM RISER DIAGRAM



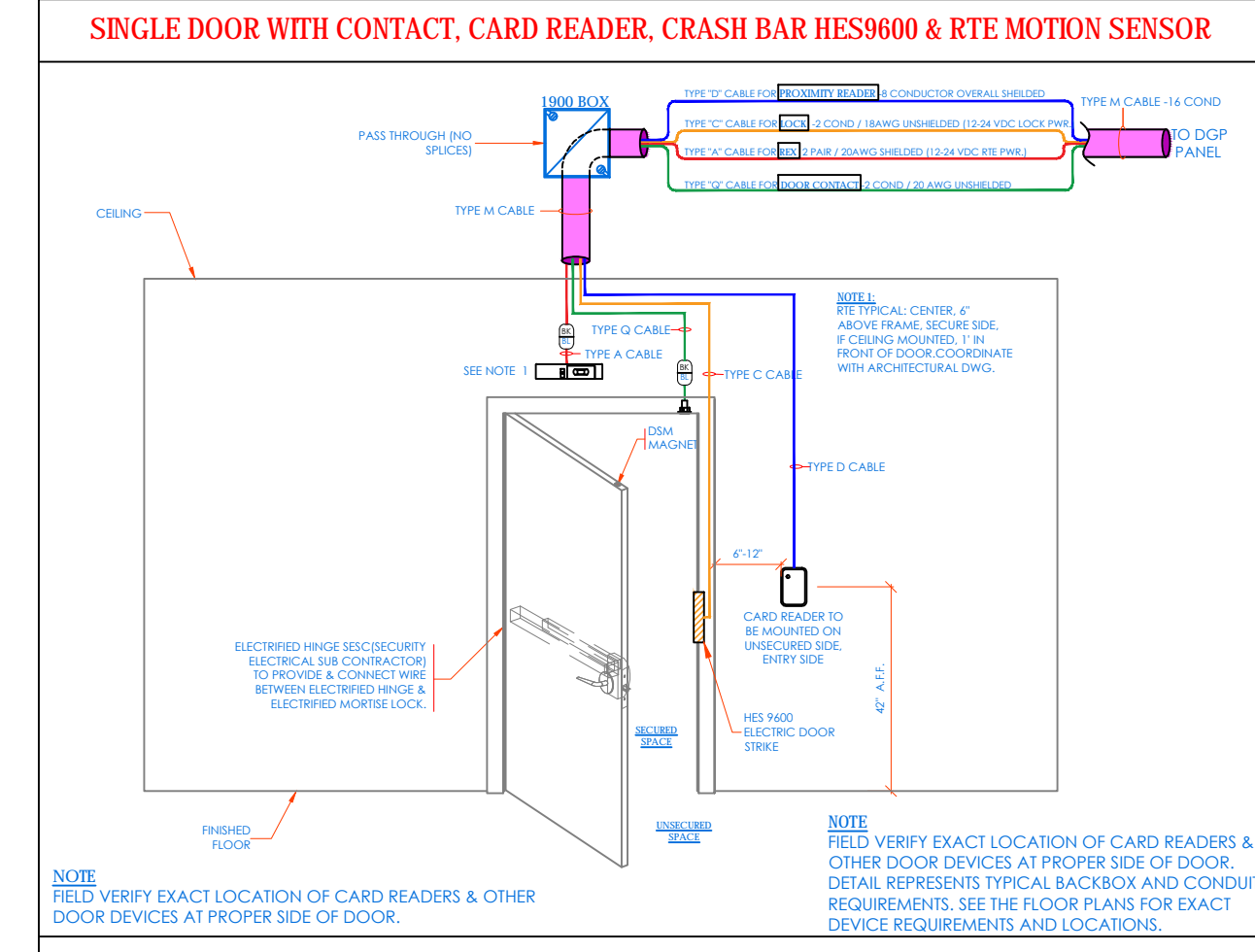
SINGLE DOOR WITH CONTACT, CARD READER, CRASH BAR HES9600 & BUILT-IN RTE



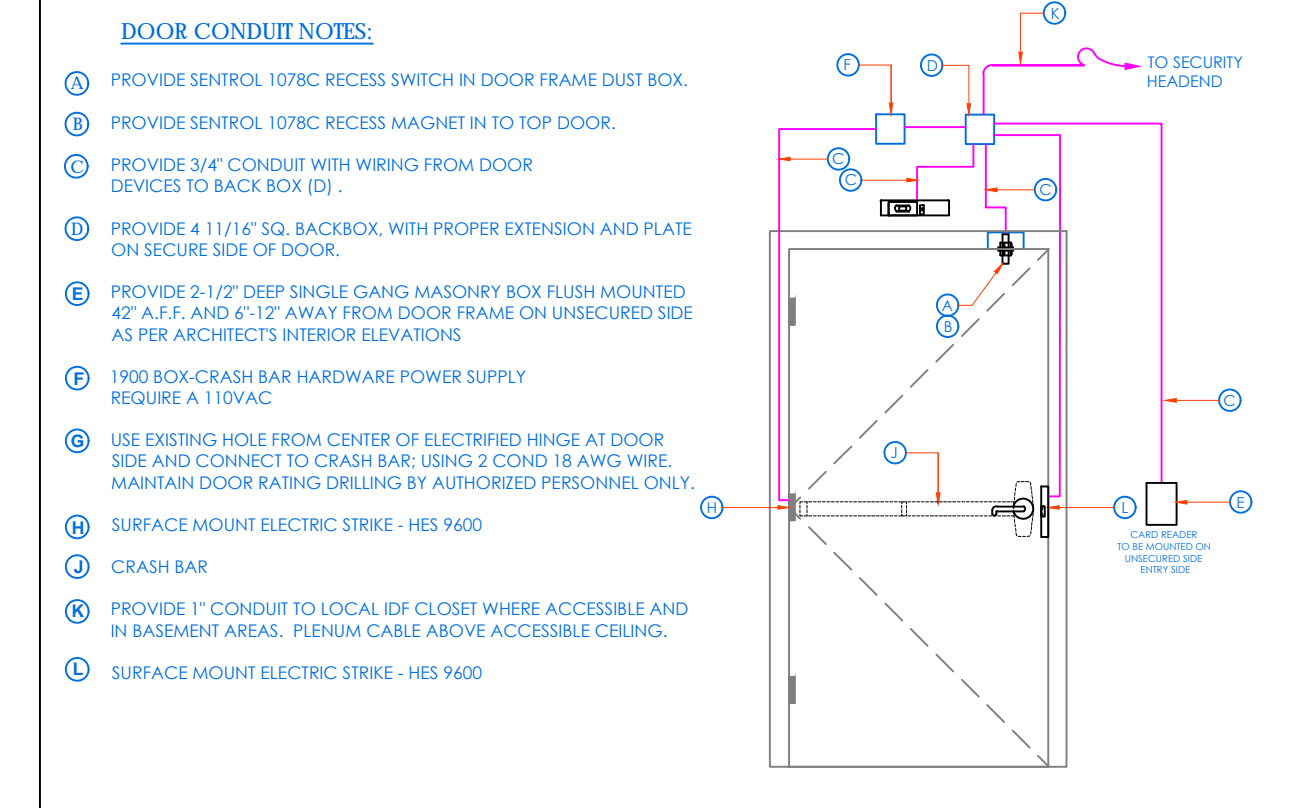
CONDUIT AND WIRING ROUGH-IN LAYOUT



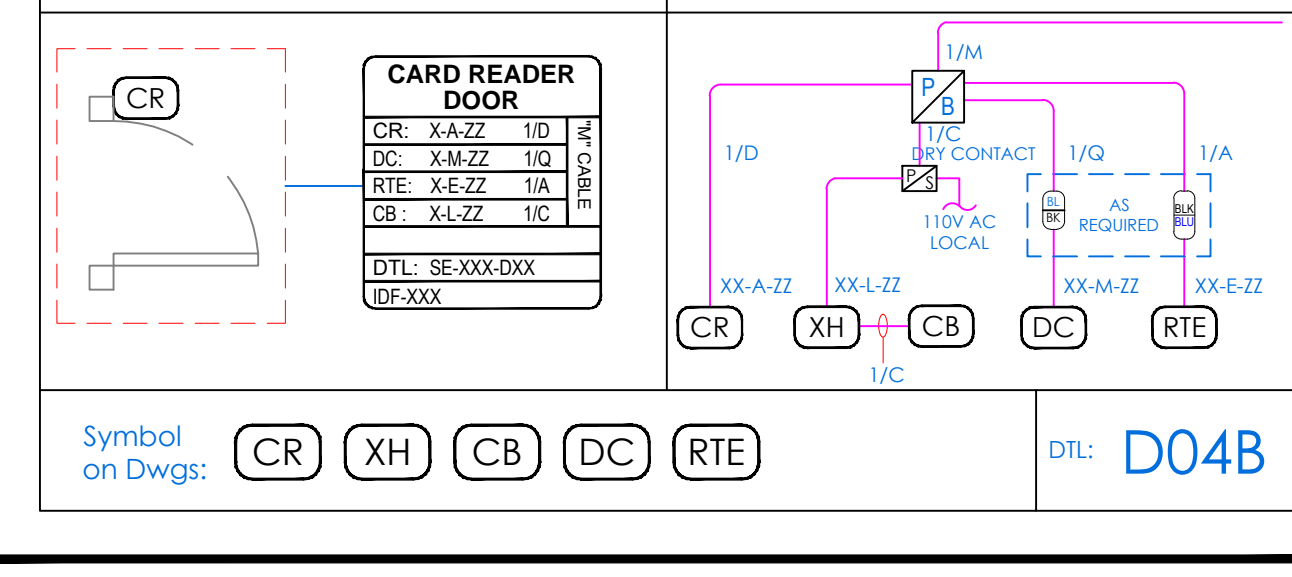
FLOOR PLAN DIAGRAM RISER DIAGRAM



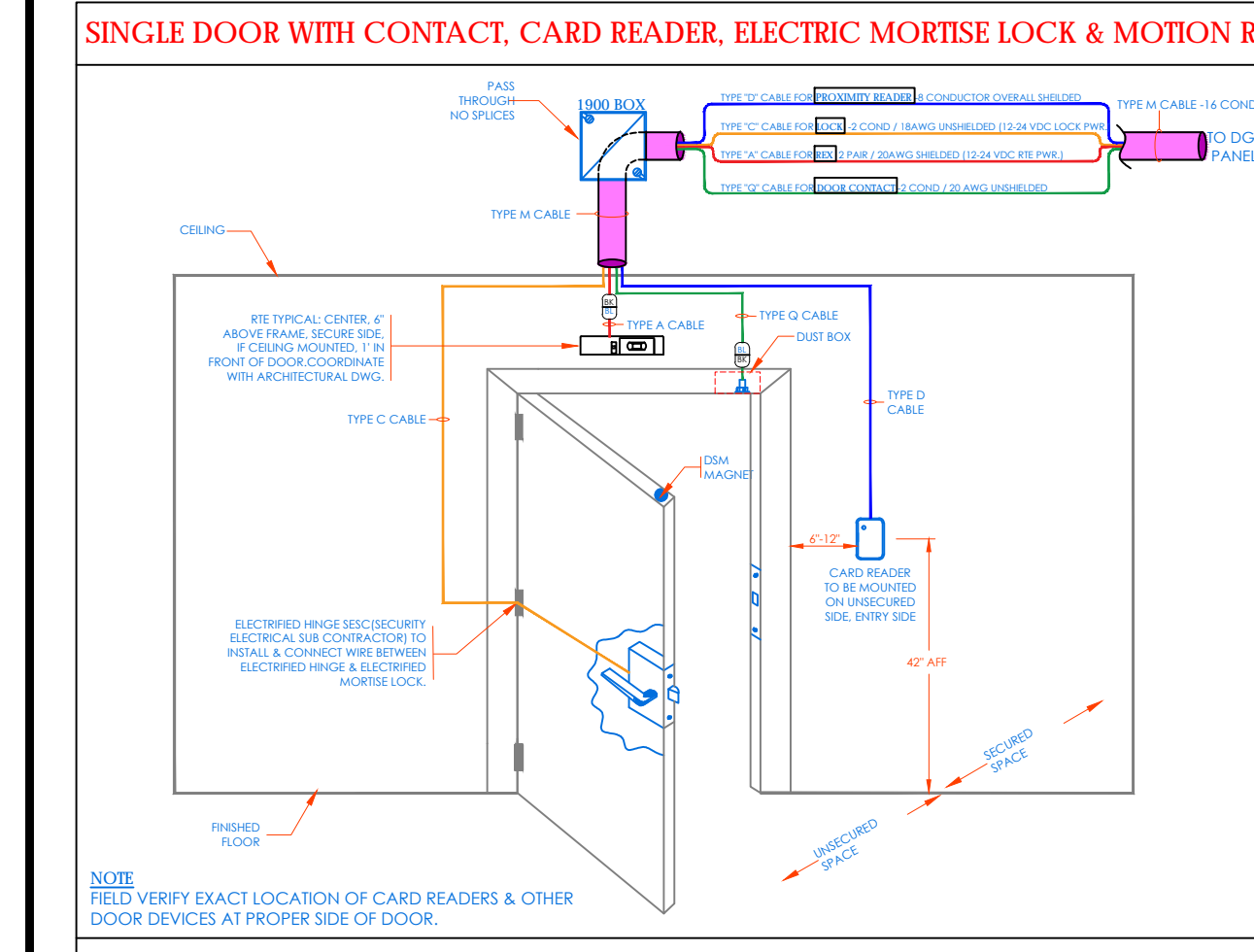
SINGLE DOOR WITH CONTACT, CARD READER, CRASH BAR HES9600 & RTE MOTION SENSOR



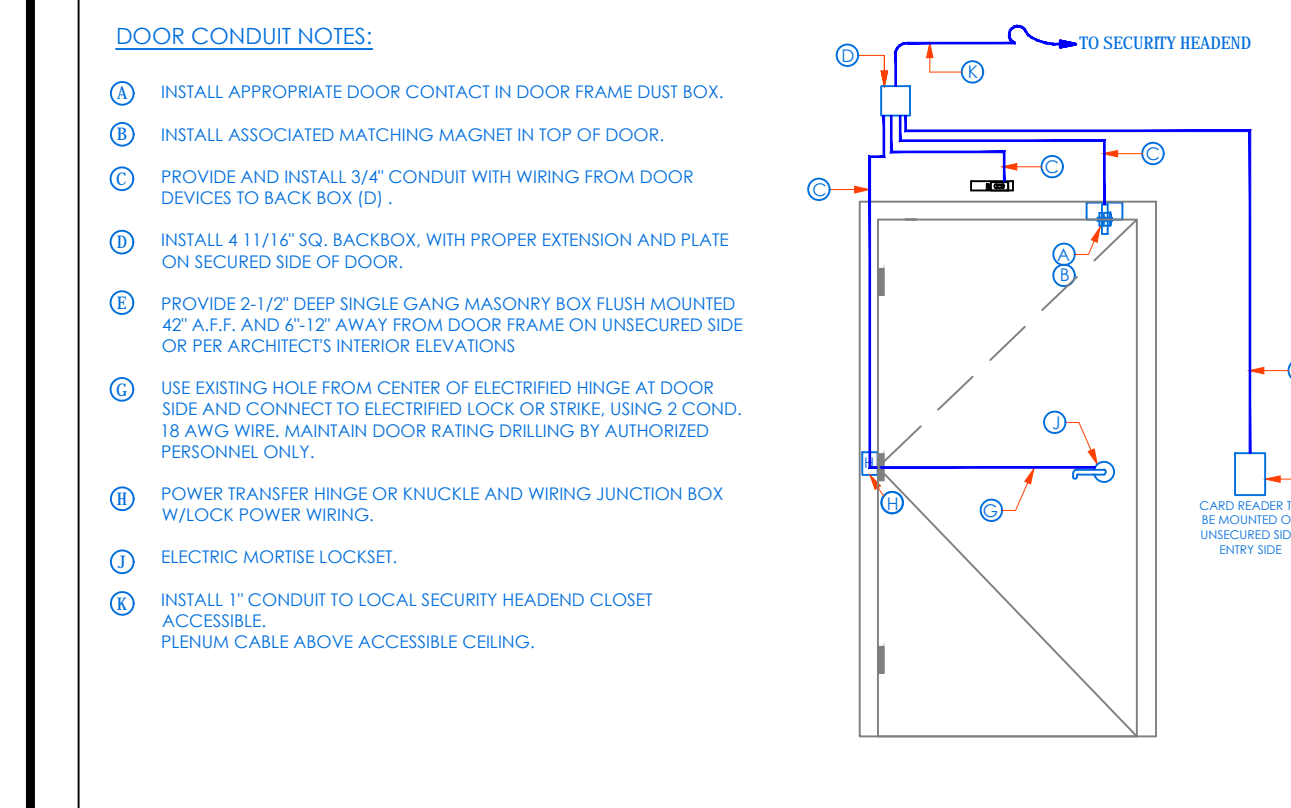
CONDUIT AND WIRING ROUGH-IN LAYOUT



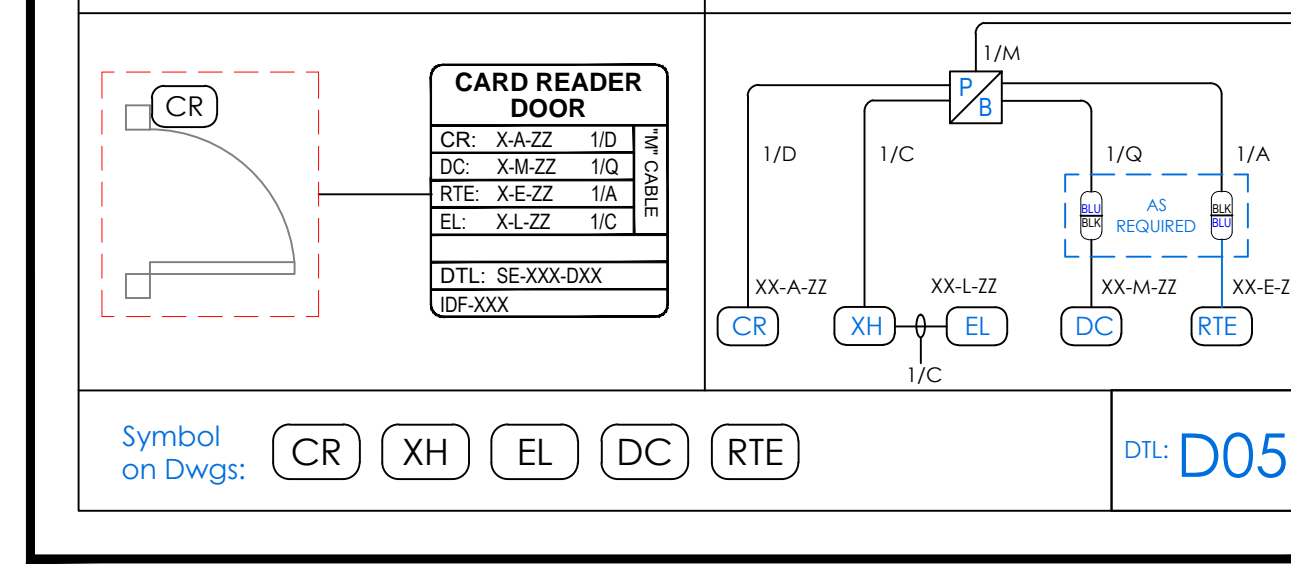
FLOOR PLAN DIAGRAM RISER DIAGRAM



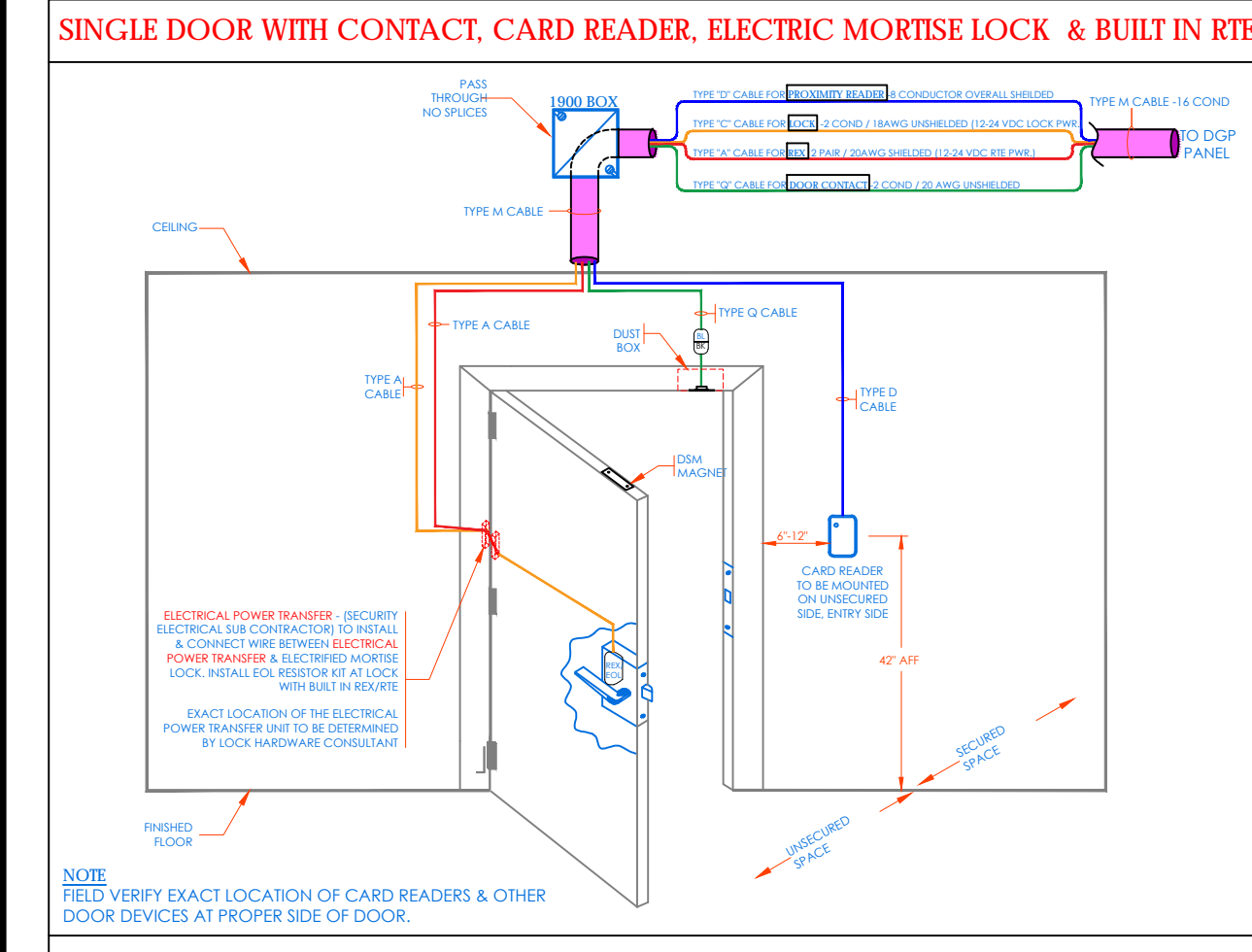
SINGLE DOOR WITH CONTACT, CARD READER, ELECTRIC MORTISE LOCK & MOTION RTE



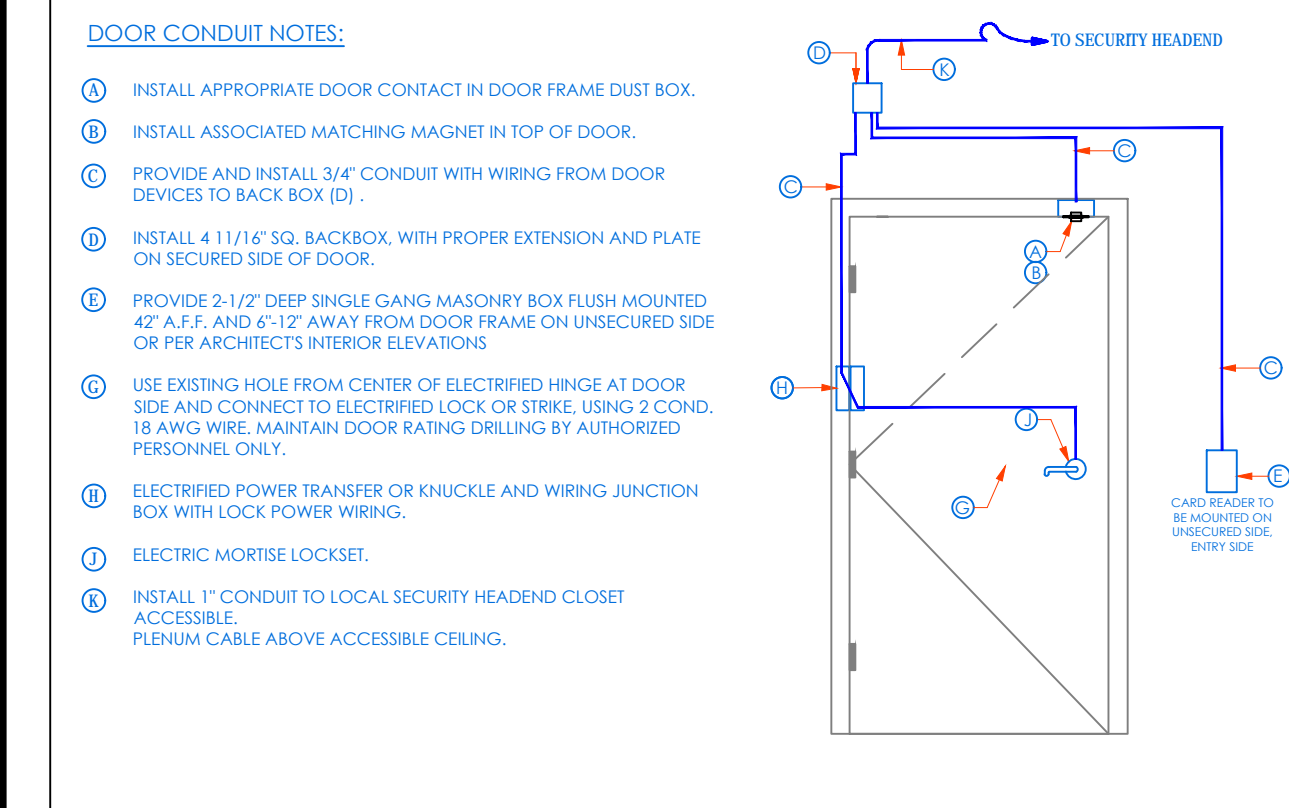
CONDUIT AND WIRING ROUGH-IN LAYOUT



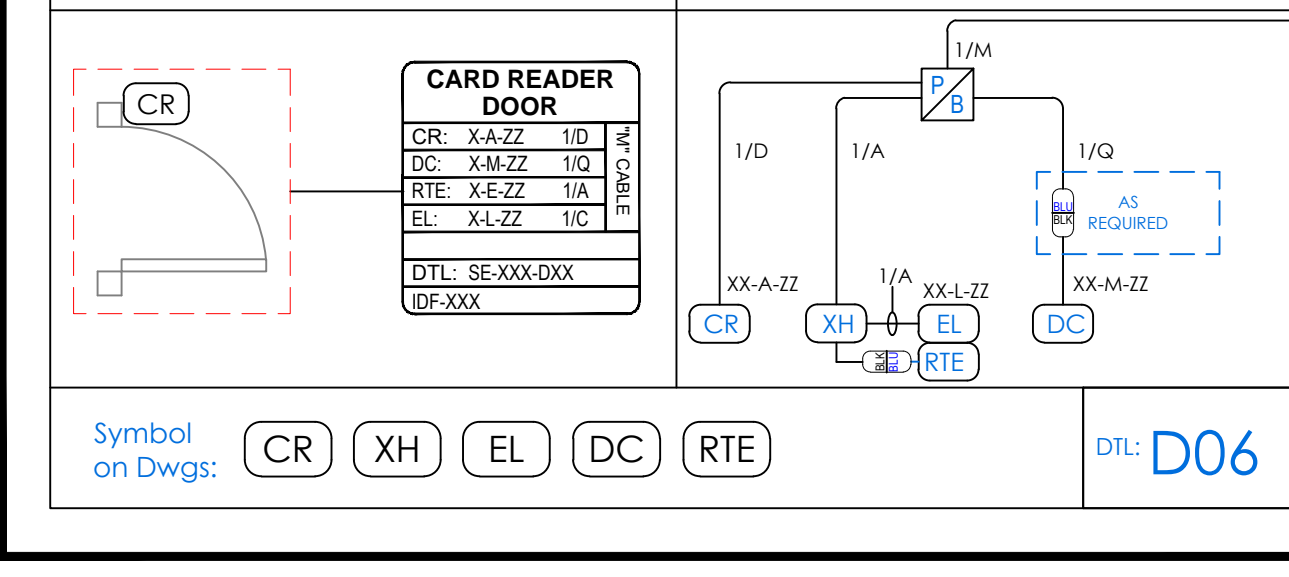
FLOOR PLAN DIAGRAM RISER DIAGRAM



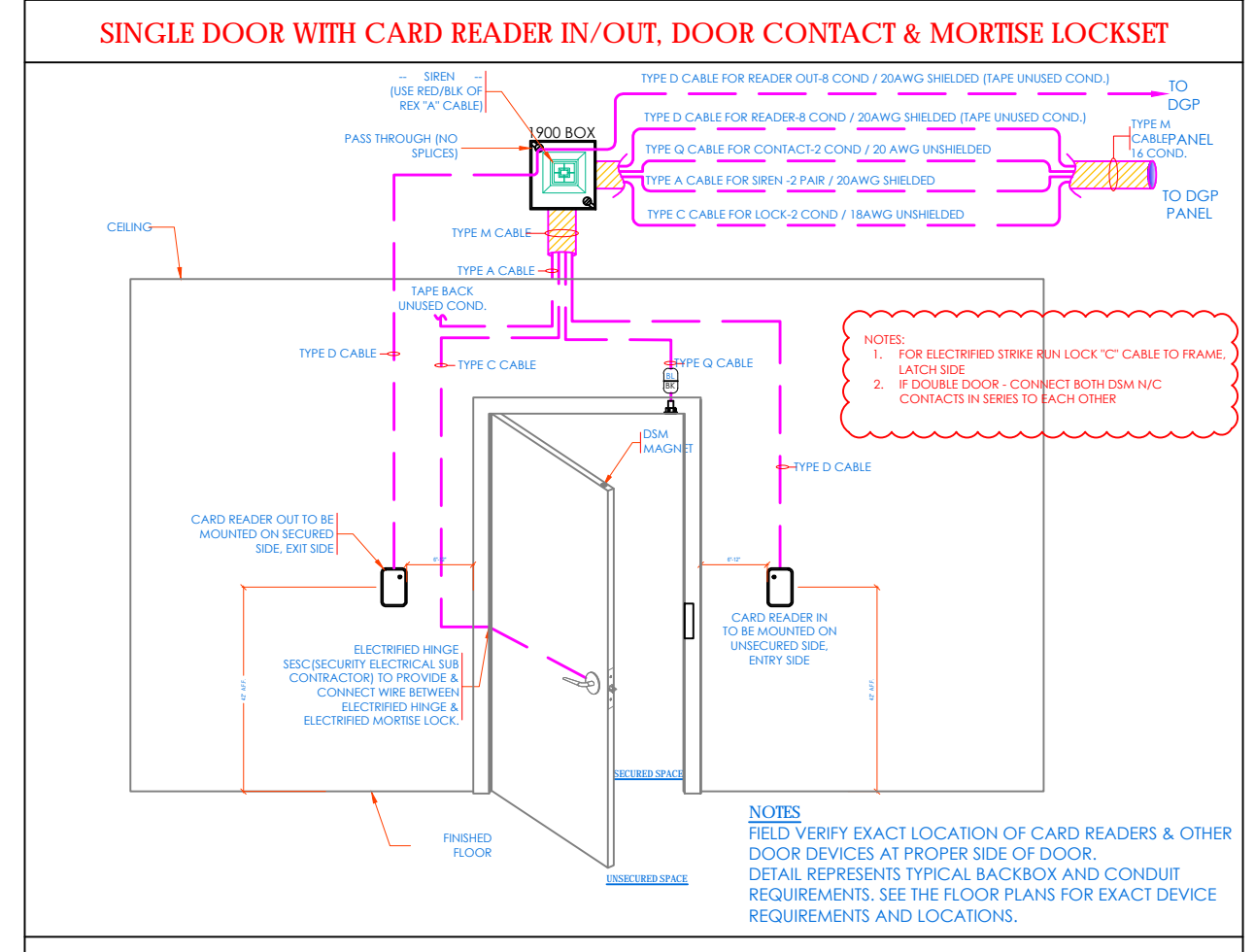
SINGLE DOOR WITH CONTACT, CARD READER, ELECTRIC MORTISE LOCK & BUILT-IN RTE



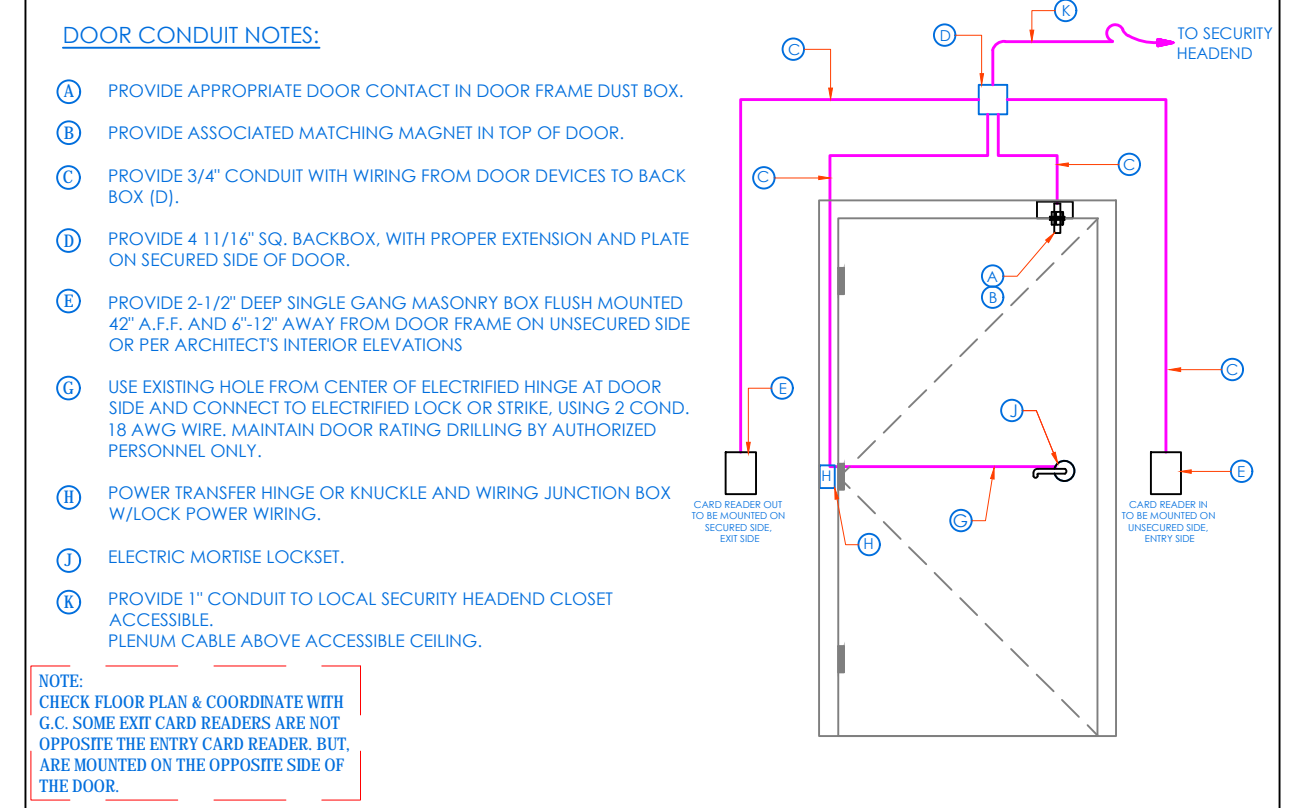
CONDUIT AND WIRING ROUGH-IN LAYOUT



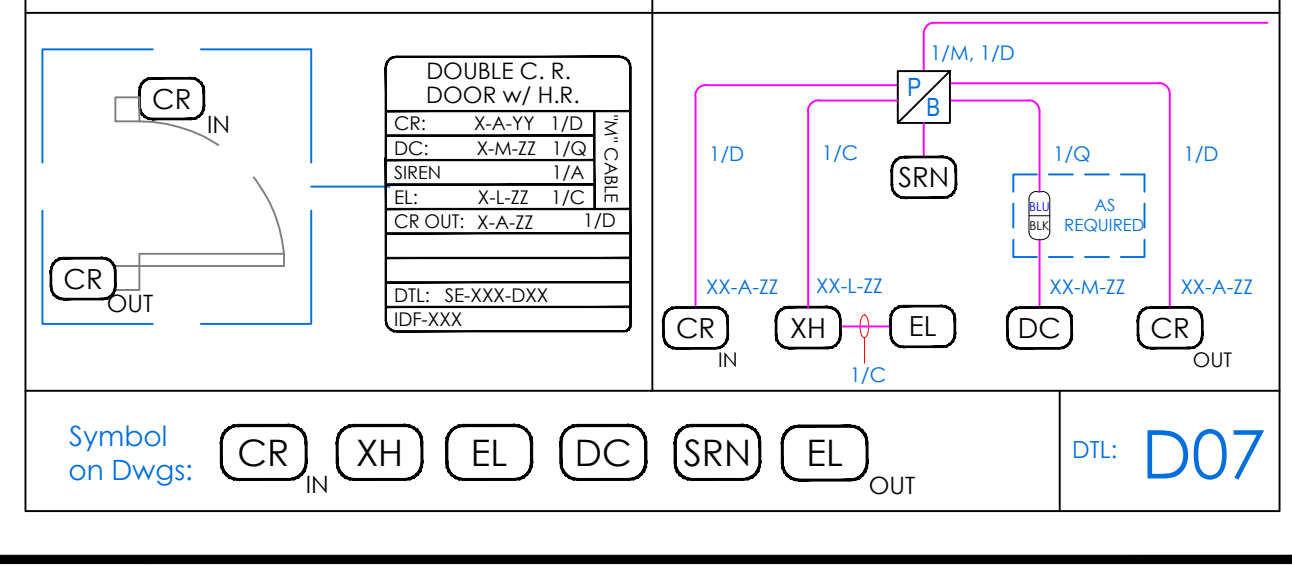
FLOOR PLAN DIAGRAM RISER DIAGRAM



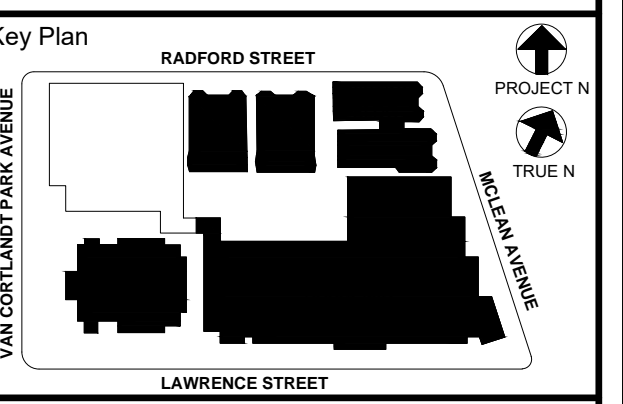
SINGLE DOOR WITH CARD READER IN/OUT, DOOR CONTACT & MORTISE LOCKSET



CONDUIT AND WIRING ROUGH-IN LAYOUT



FLOOR PLAN DIAGRAM RISER DIAGRAM



NOTE: ALL DEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC AND/OR ARCHITECTS, PC AND ARE HEREBY GRANTED FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN PERMISSION OF KG+D ARCHITECTS, PC AND/OR ARCHITECTS, PC IS REQUIRED FOR ANY REPRODUCTION OR DISCLOSURE OF THIS DRAWING OR ANY PART THEREOF. ANY SUCH REPRODUCTION OR DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF KG+D ARCHITECTS, PC AND/OR ARCHITECTS, PC IS STRICTLY PROHIBITED.

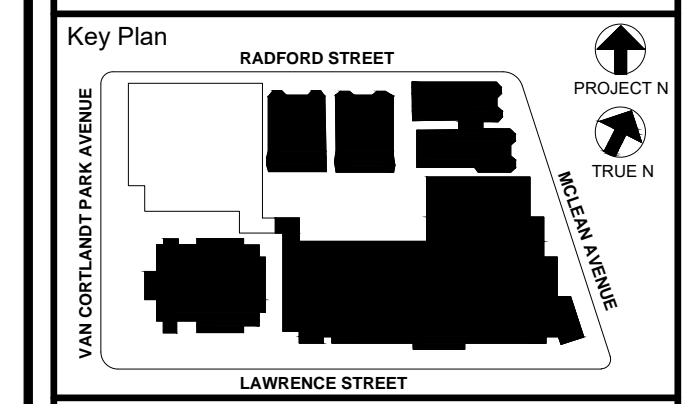
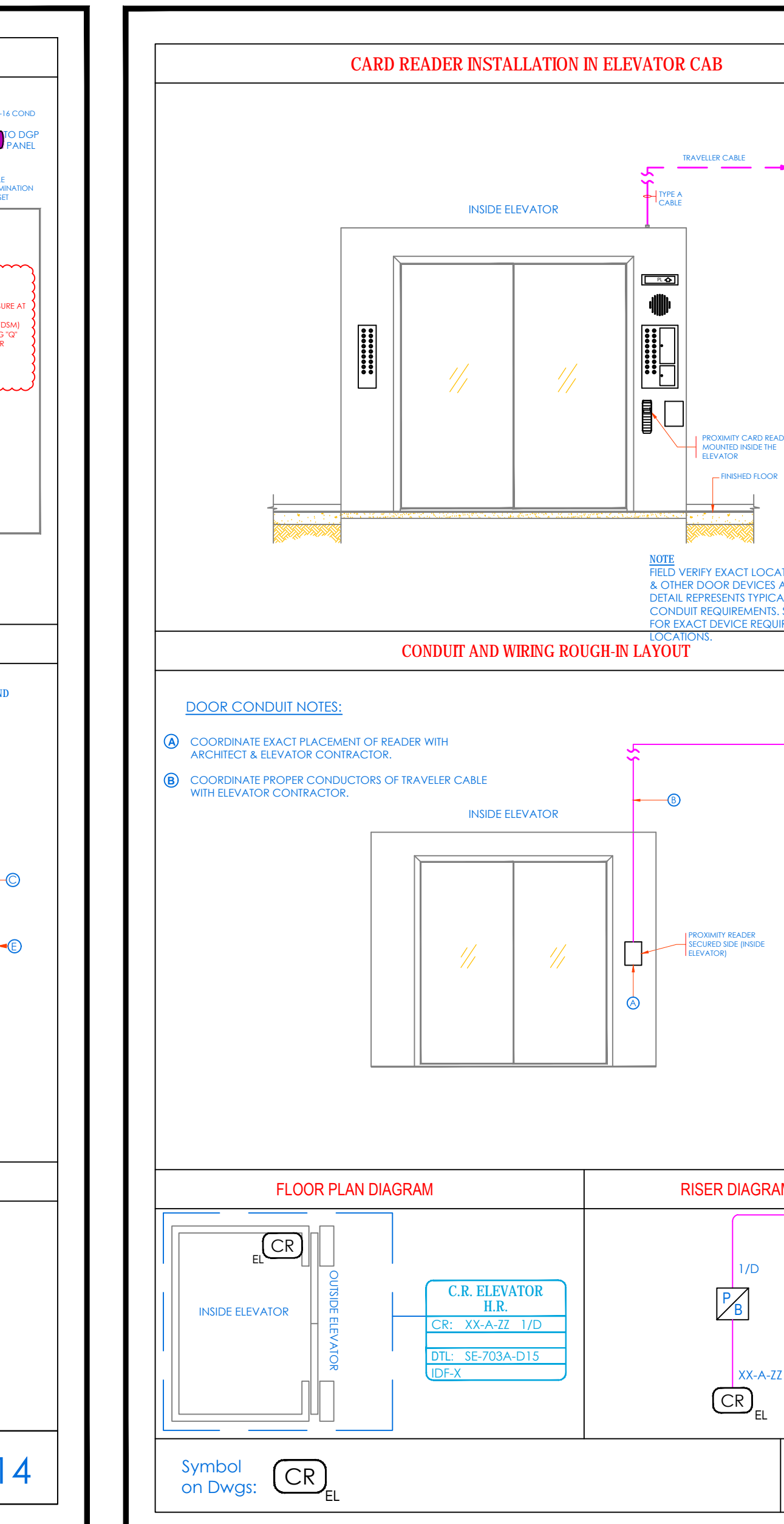
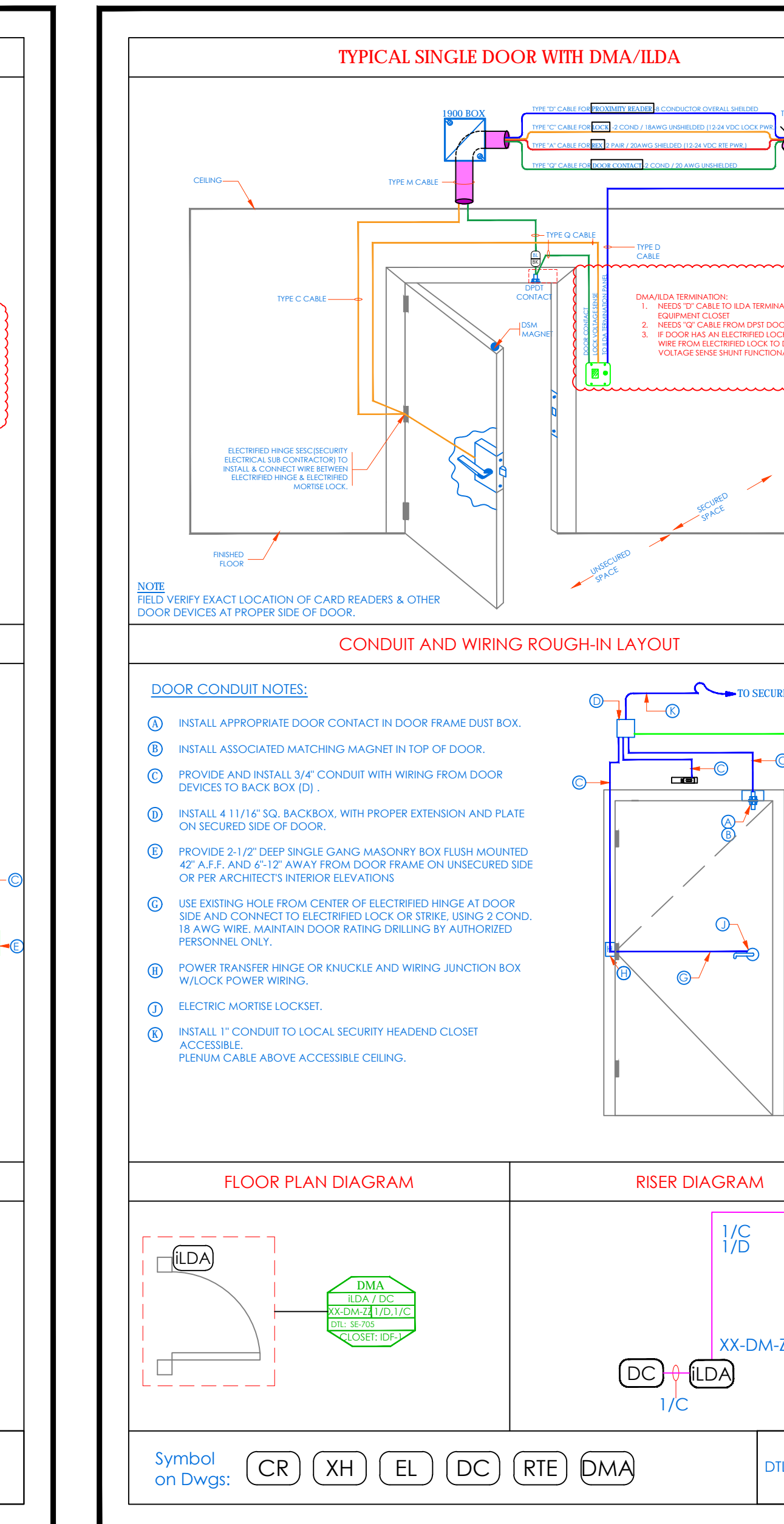
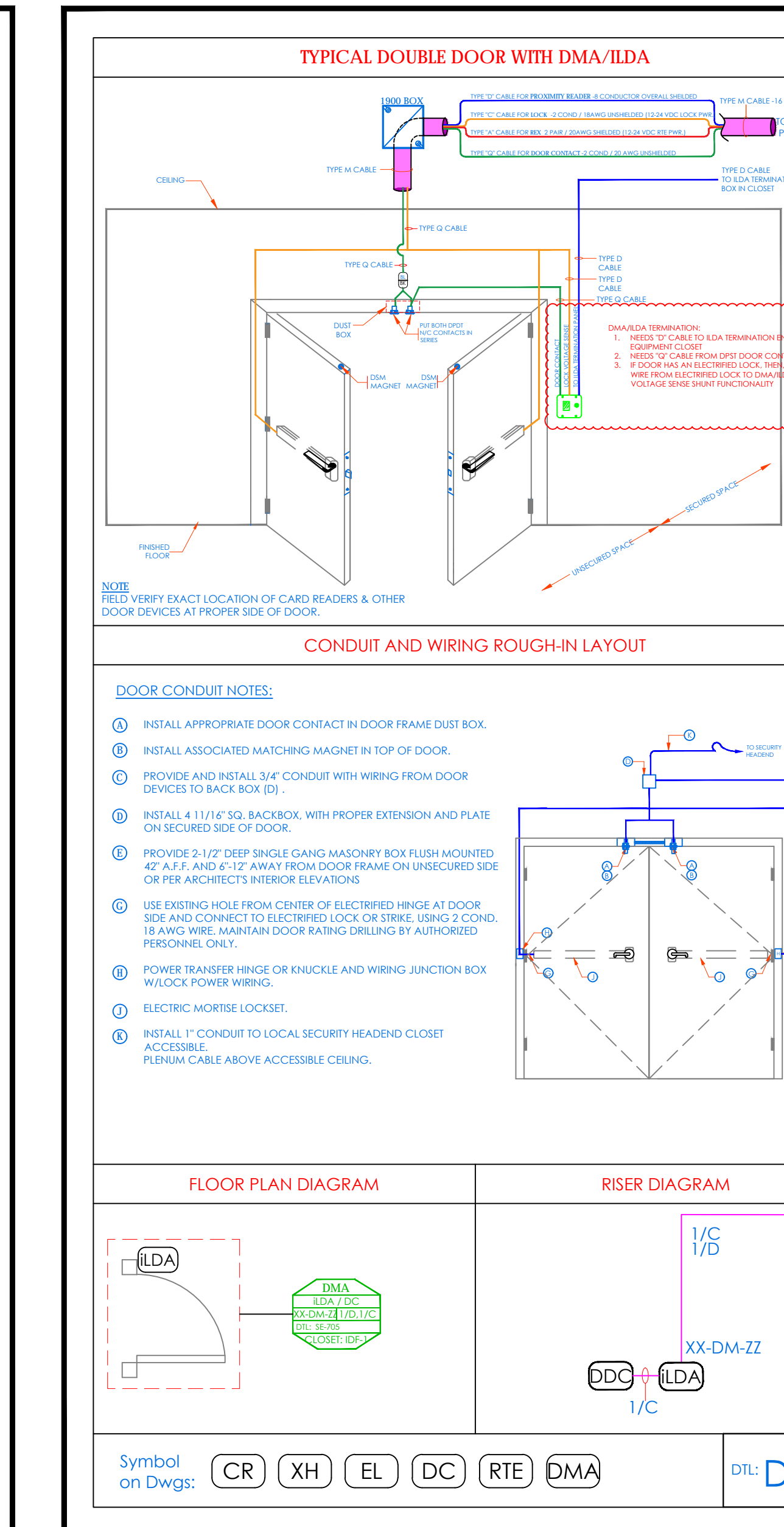
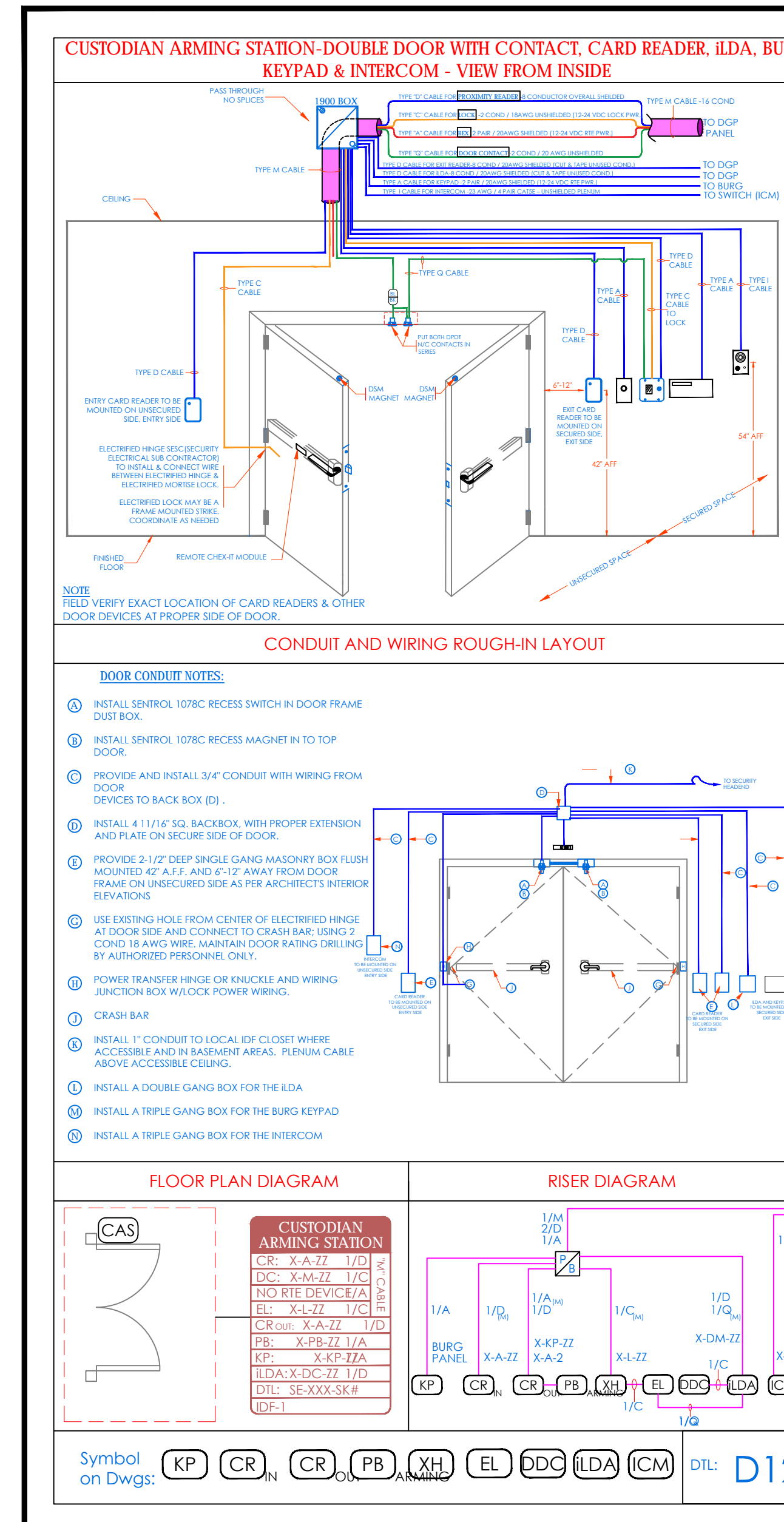
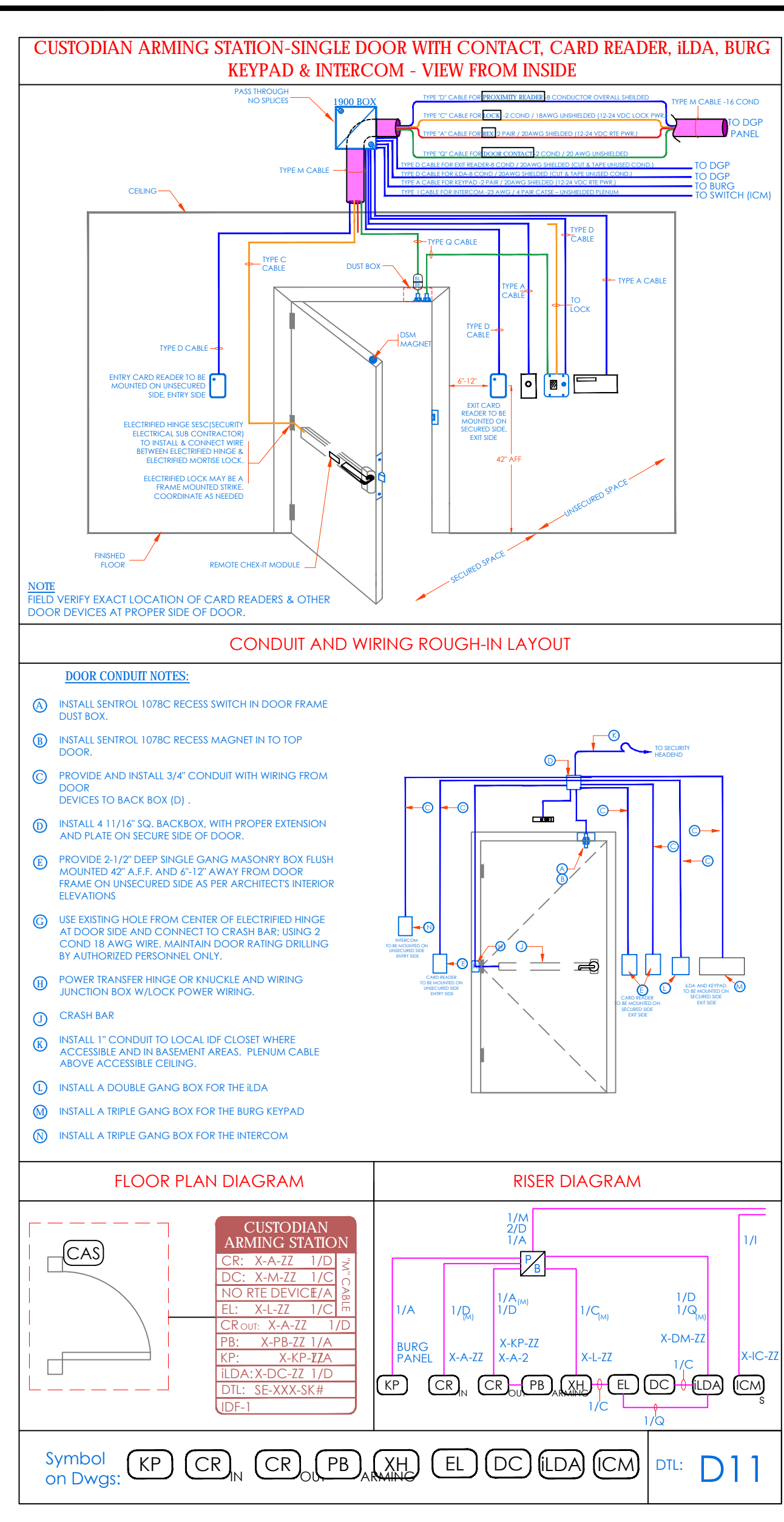
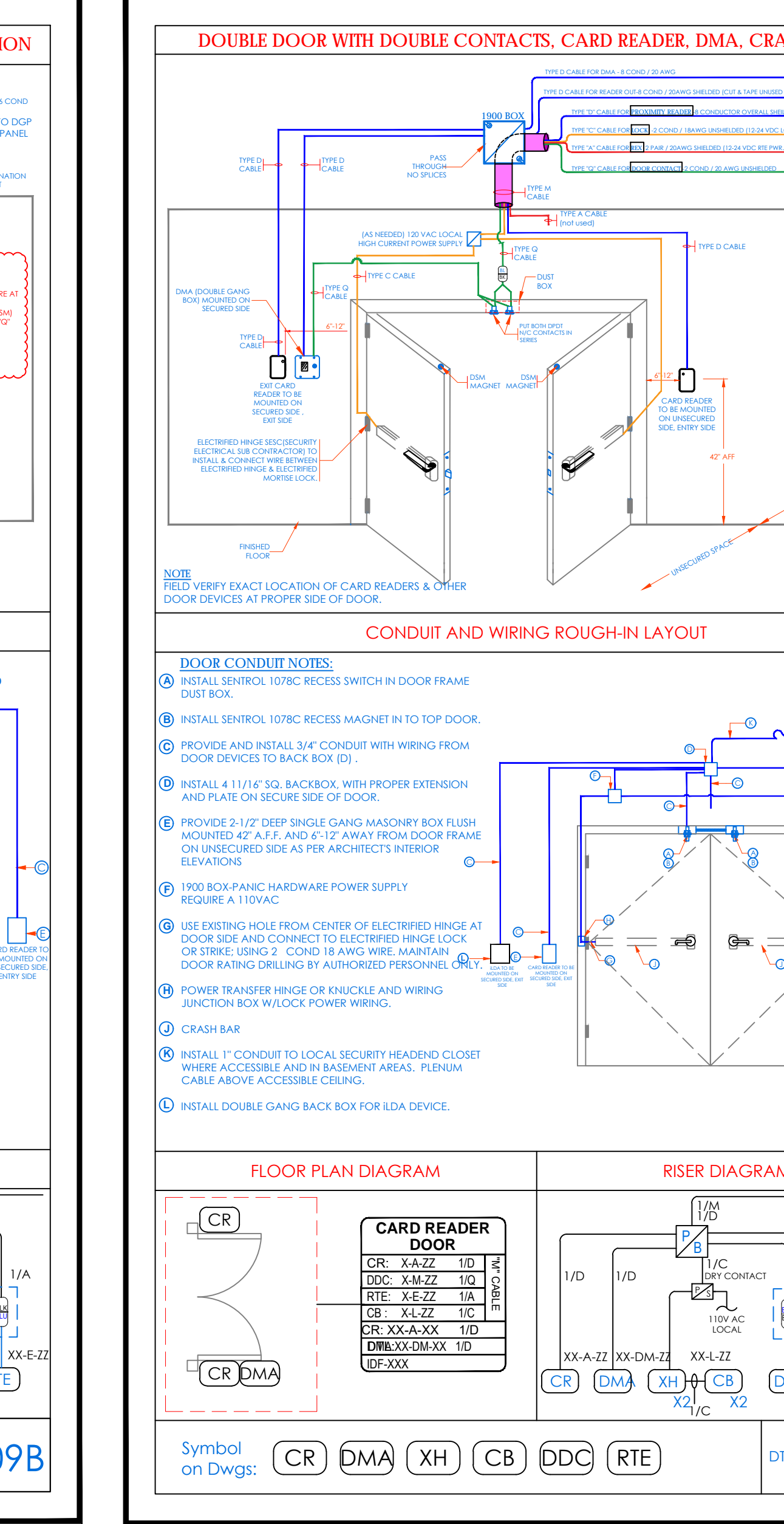
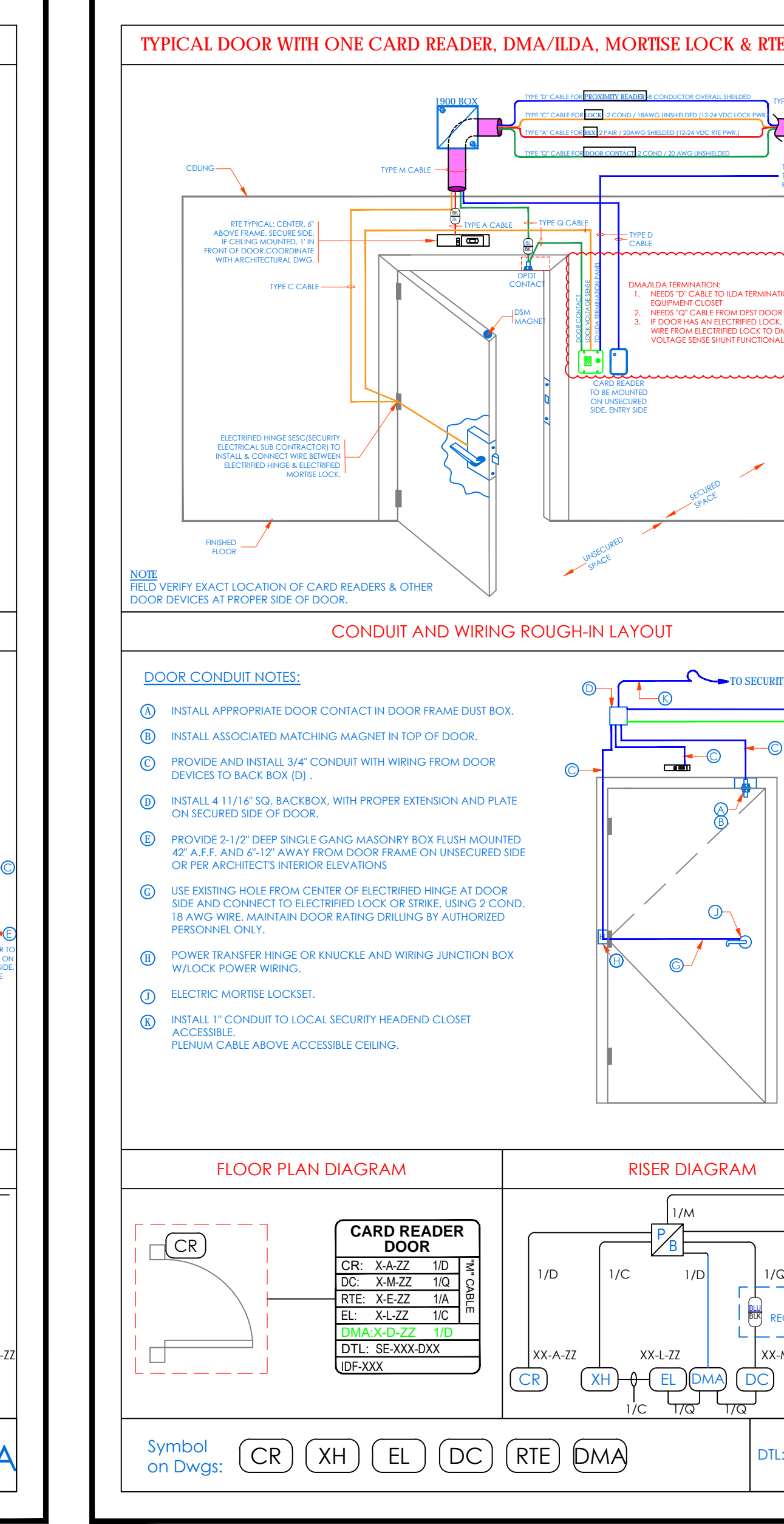
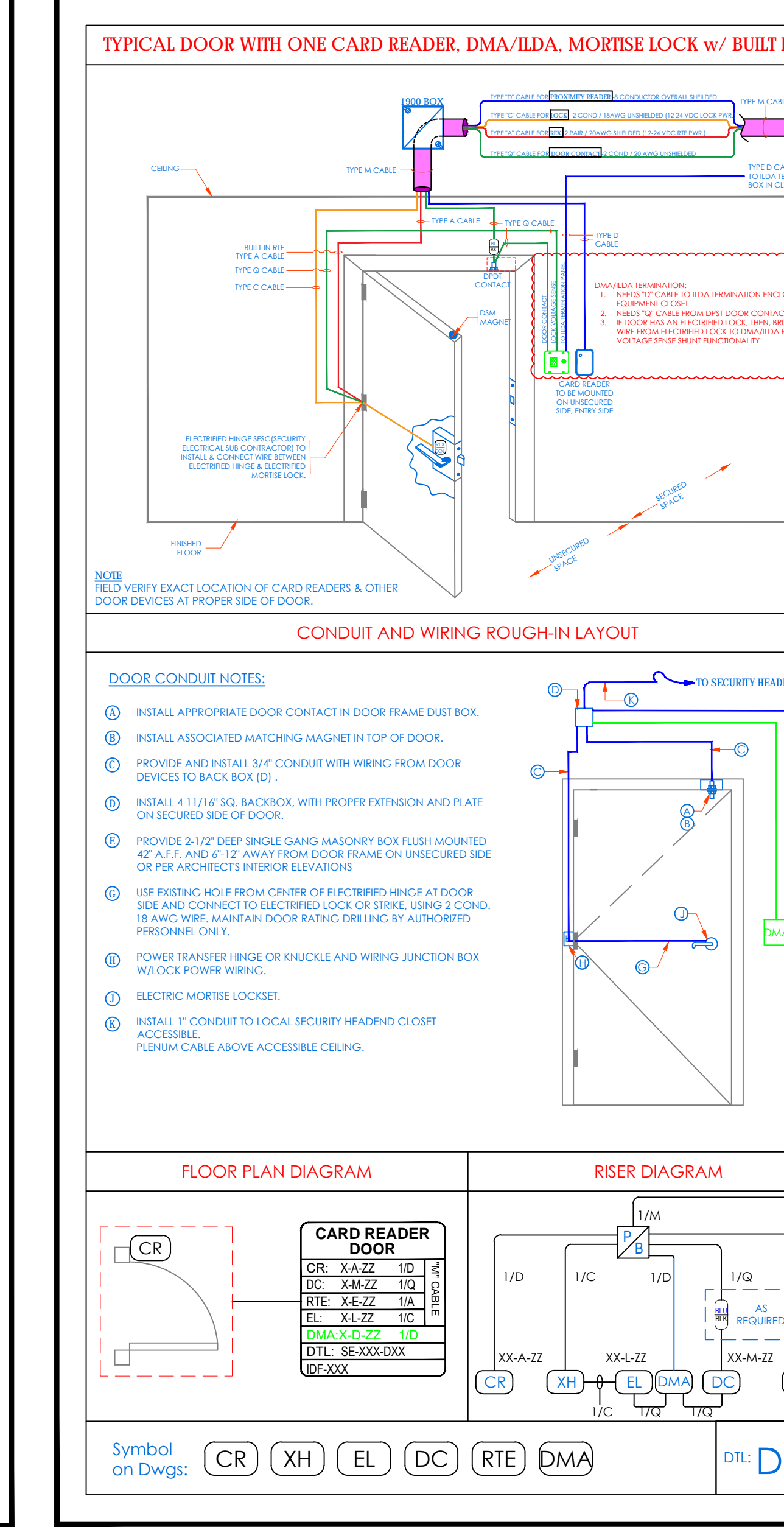
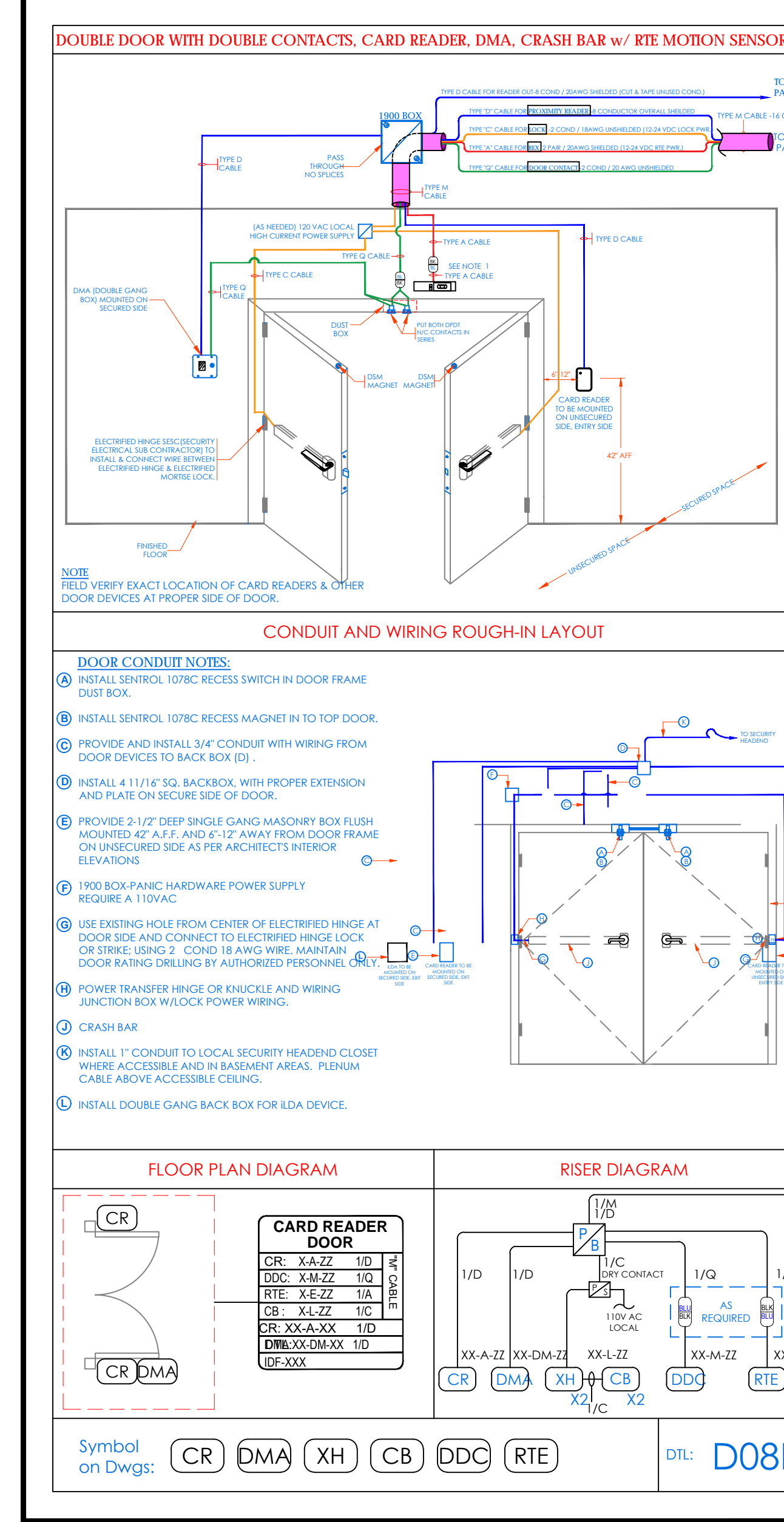
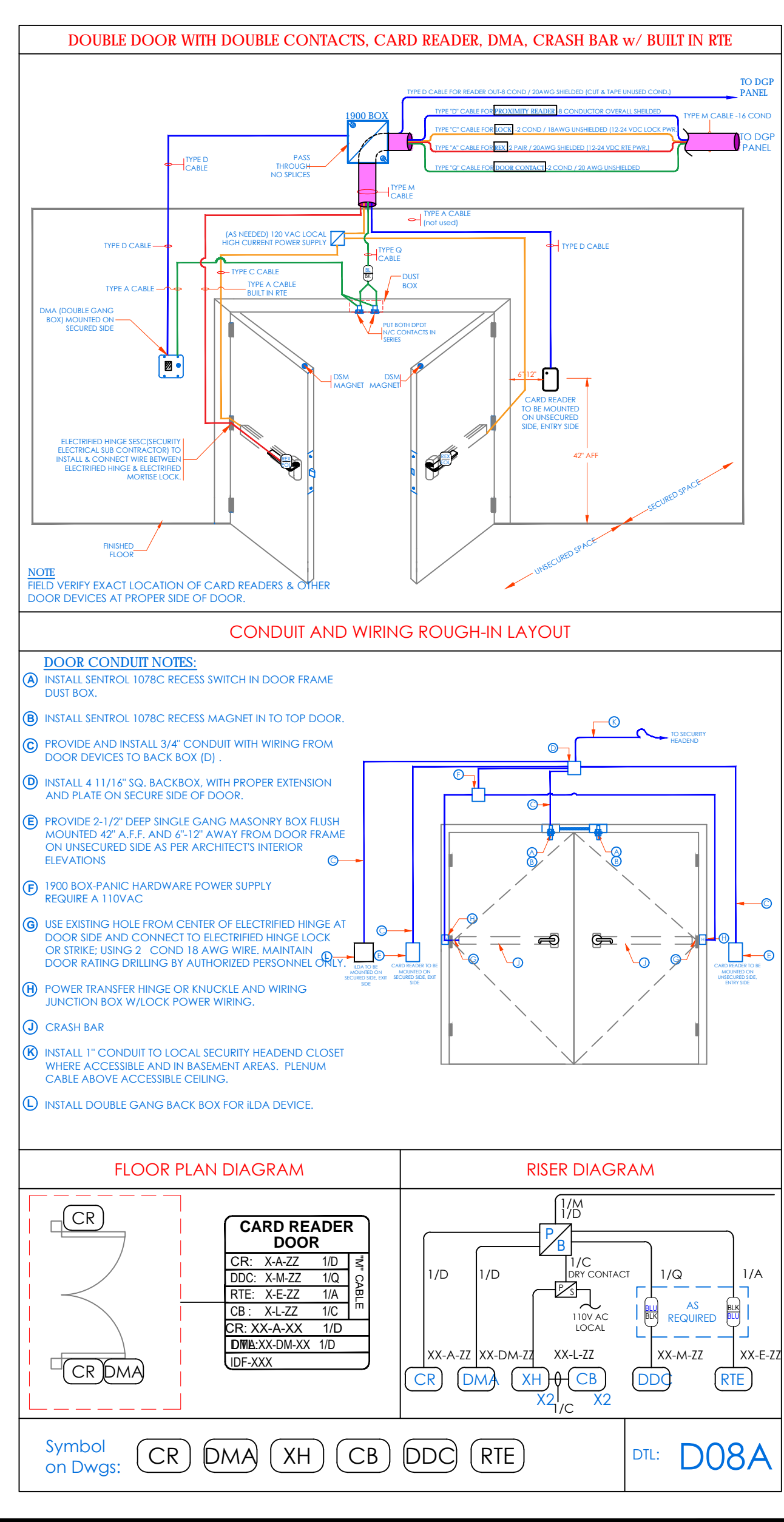
ALTERNATION BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DRAWING SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO. IT IS A VIOLATION OF THE E.S. ACT TO REPRODUCE OR DISCLOSE ANY PART OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF KG+D ARCHITECTS, PC AND/OR ARCHITECTS, PC.

Professional Seal table with columns for No., Date, Issue.

SECURITY EQUIPMENT DETAIL 1 DOOR TYPICALS table with columns for No., Date, Issue.

Job No: 2019-1026 Date: 08/31/2020 Scale: AS NOTED Drawn / Checked

Sheet Number SE-103



NOTE: ALL DEAS, BEINGS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF YONKERS JOINT SCHOOLS CONSTRUCTION BOARD AND THESE CANNOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF JSGCB.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL TAKE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, WITHOUT THE WRITTEN PERMISSION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF THE STATE OF NY AND FEDERAL LAWS. ANY SUCH VIOLATION IS SUBJECT TO PENALTY AND PROSECUTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.

Professional Seal

| | | |
|---|------------|----------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NY/SED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

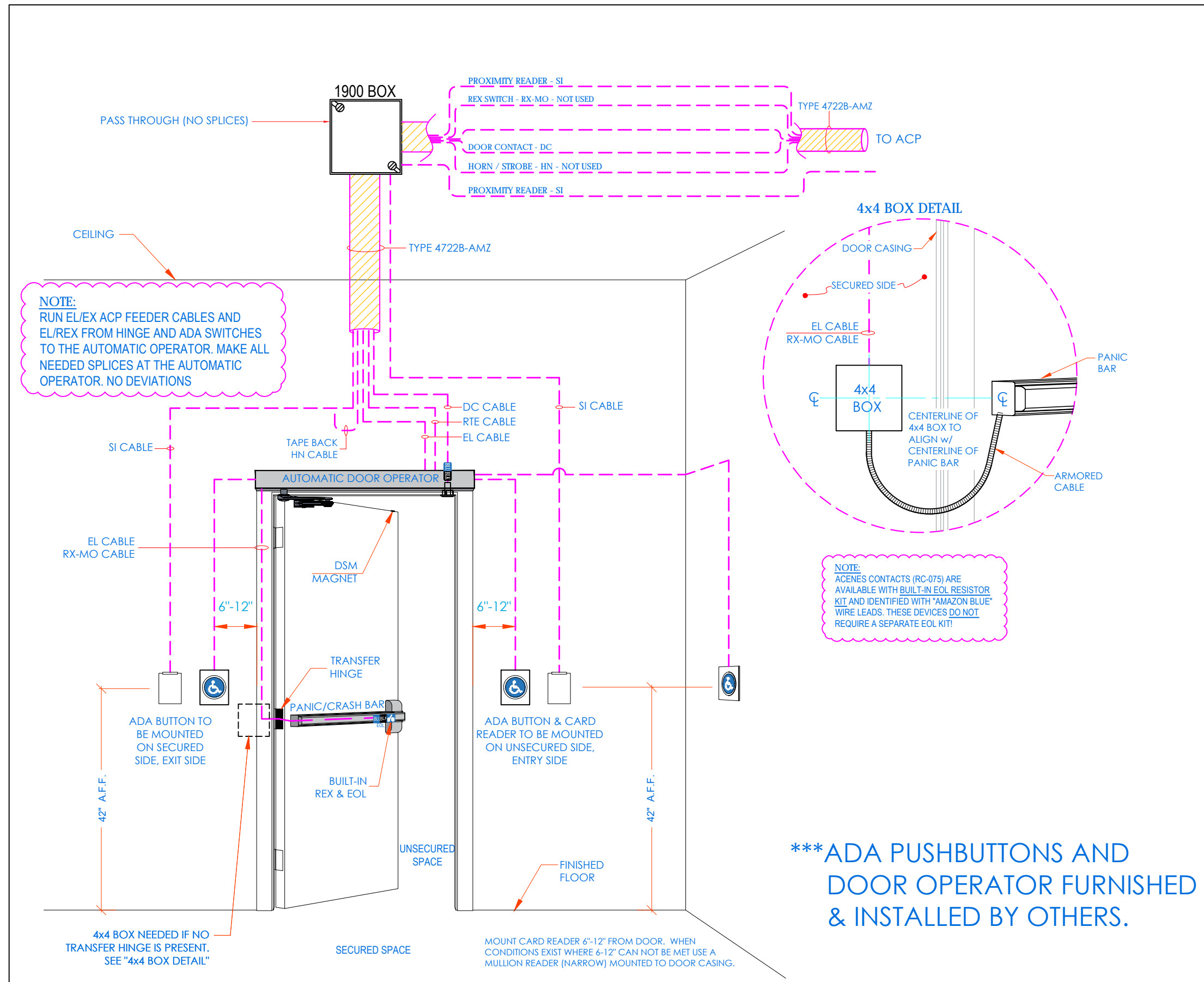
No. _____ Date _____ Issue _____

Sheet Title: **SECURITY EQUIPMENT DETAIL 1A DOOR TYPICALS**

Job No. 2019-1026 Date 08/31/2020
 Scale: AS NOTED Drawn / Checked
 Sheet Number _____

SE-703A

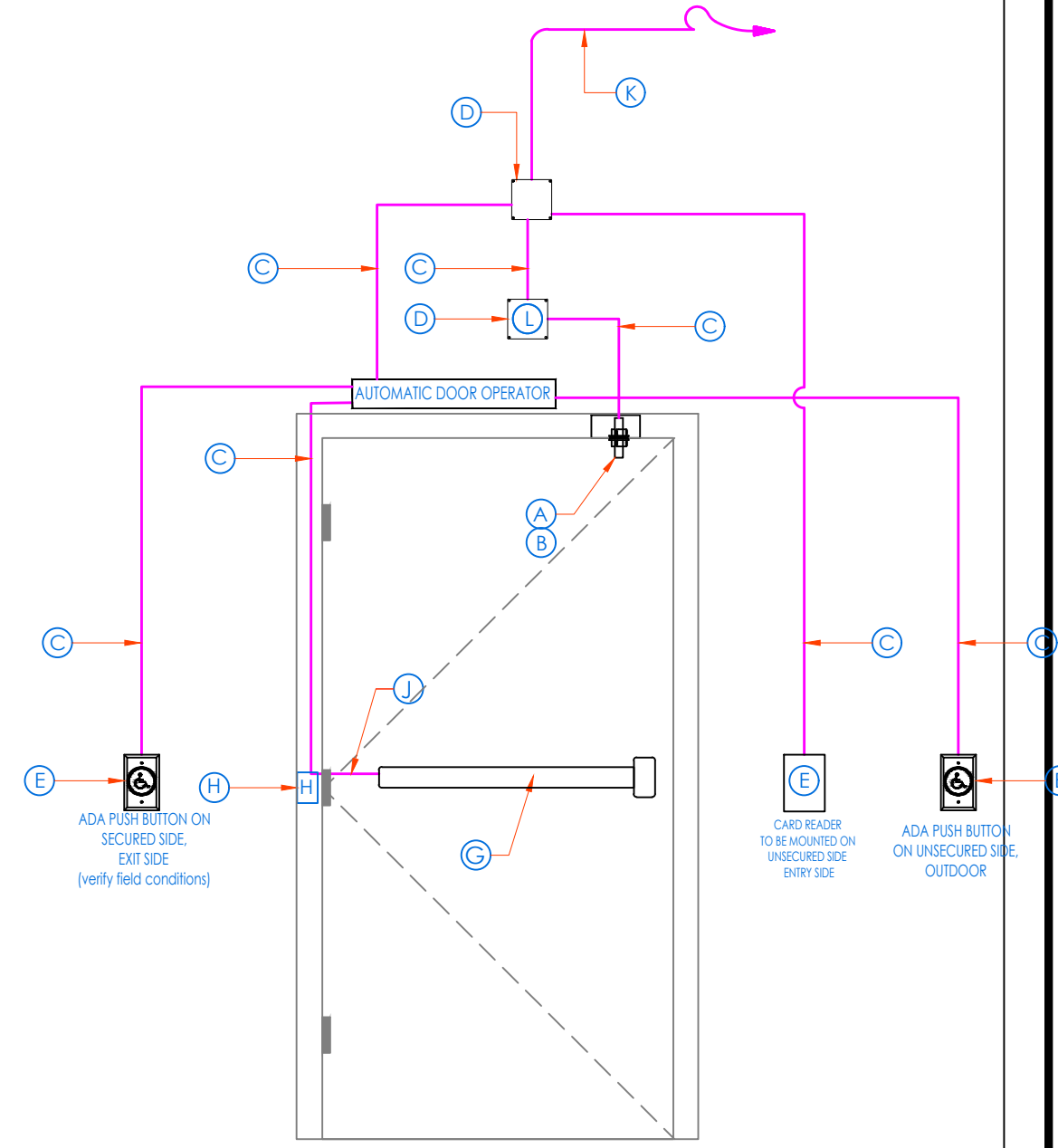
SINGLE DOOR - CONTACTS, ELECTRIC LATCH RETRACTION / PANIC BAR, IN/OUT CARD READERS & ADA BUTTONS -IN/OUT w/ AUTOMATIC DOOR OPENER



CONDUIT AND WIRING ROUGH-IN LAYOUT

DOOR CONDUIT NOTES:

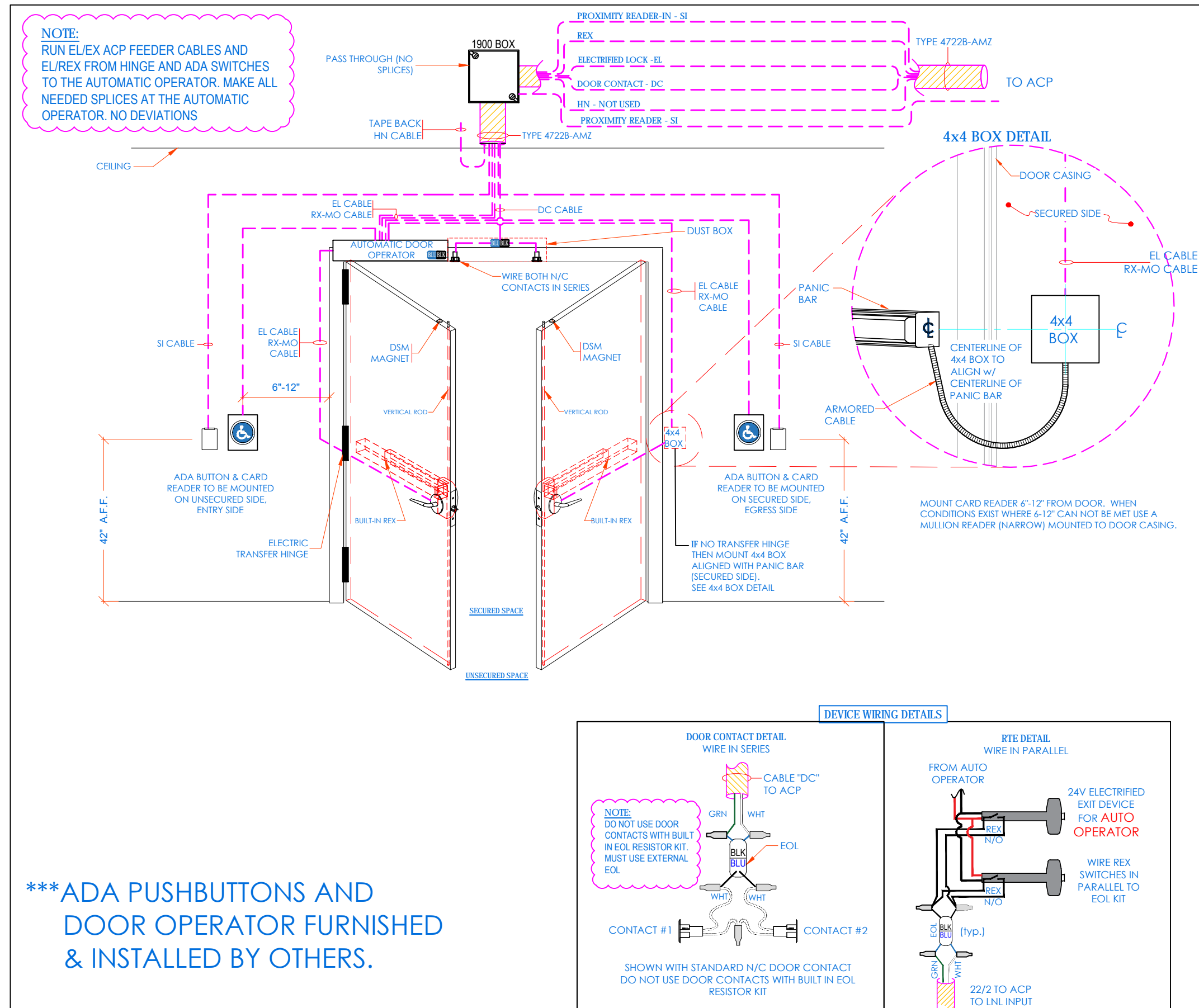
- A PROVIDE APPROPRIATE DOOR CONTACT IN DOOR FRAME DUST BOX.
- B PROVIDE ASSOCIATED MATCHING MAGNET IN TOP OF DOOR.
- C PROVIDE 3/4" CONDUIT WITH WIRING FROM DOOR DEVICES TO BACK BOX (D).
- D PROVIDE 4 1 1/4" SQ. BACKBOX, WITH PROPER EXTENSION AND PLATE ON SECURED SIDE OF DOOR.
- E PROVIDE 2-1/2" DEEP SINGLE GANG MASONRY BOX FLUSH MOUNTED 42" A.F.F. AND 6'-12" AWAY FROM DOOR FRAME ON UNSECURED SIDE OR PER ARCHITECT'S INTERIOR ELEVATIONS.
- G USE EXISTING HOLE FROM CENTER OF ELECTRIFIED HINGE AT DOOR SIDE AND CONNECT TO ELECTRIFIED LOCK OR STRIKE, USING 2 COND. 18 AWG WIRE. MAINTAIN DOOR RATING DRILLING BY AUTHORIZED PERSONNEL ONLY.
- H POWER TRANSFER HINGE OR KNUCKLE AND WIRING JUNCTION BOX W/LOCK POWER WIRING.
- J ELECTRIC MORTISE LOCKSET WITH BUILT IN SWITCH.
- K 1" [25] EMT CONDUIT TO STRUCTURE OR TO ACCESSIBLE CEILING SPACE. HOME RUN CABLE TO AREA SERVING ACP. PROVIDE OPEN CABLE PATHWAY SUPPORTS AS REQUIRED.
- L SIREN



Symbol on Dwgs: CR_N CR_{OUT} DC EL ADA_N ADA_{OUT} AO

DTL: D16

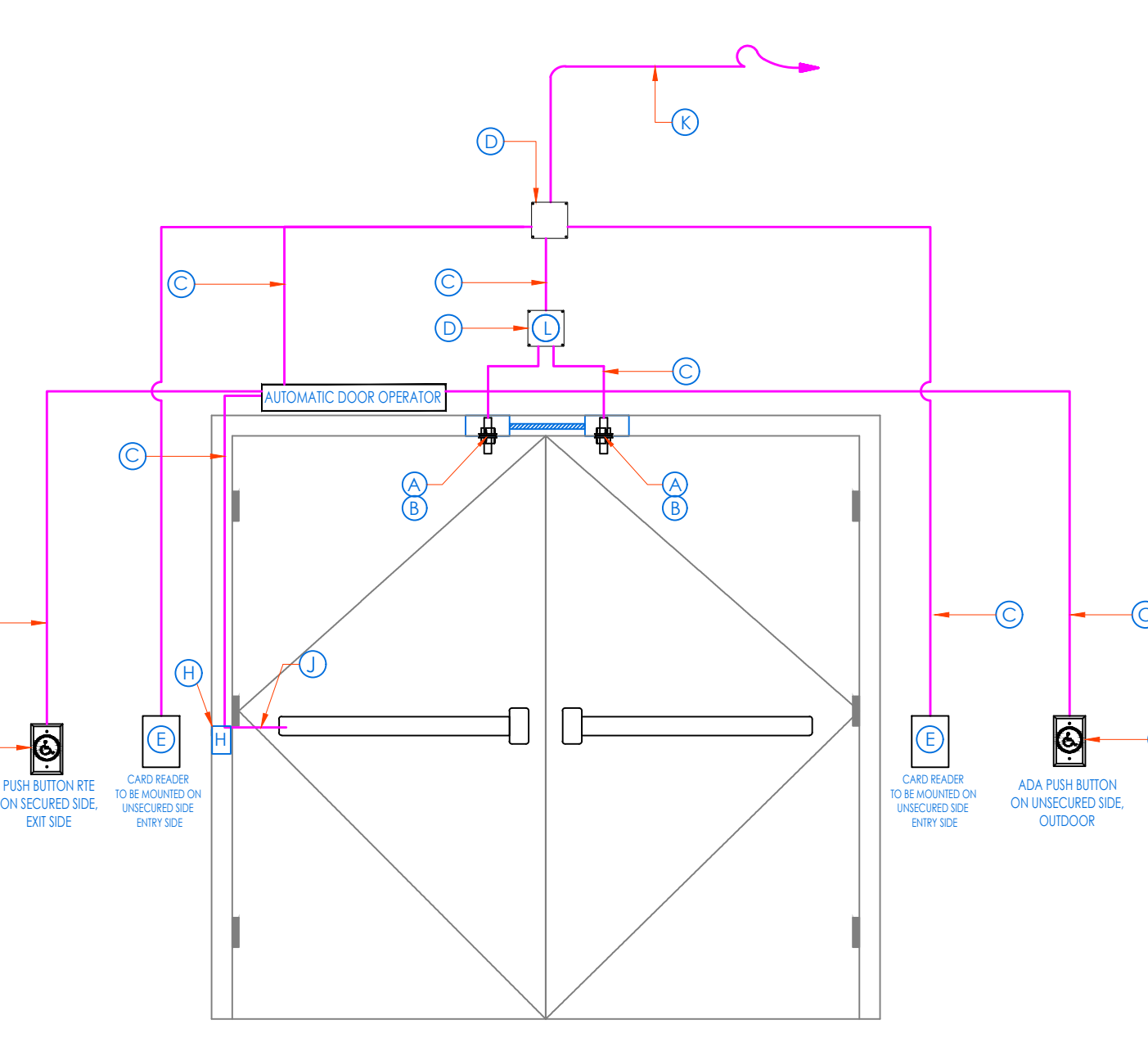
DOUBLE DOORS - CONTACTS, ELECTRIC LATCH RETRACTION / PANIC BAR, IN/OUT CARD READERS & ADA BUTTONS -IN/OUT w/ AUTOMATIC DOOR OPENER



CONDUIT AND WIRING ROUGH-IN LAYOUT

DOOR CONDUIT NOTES:

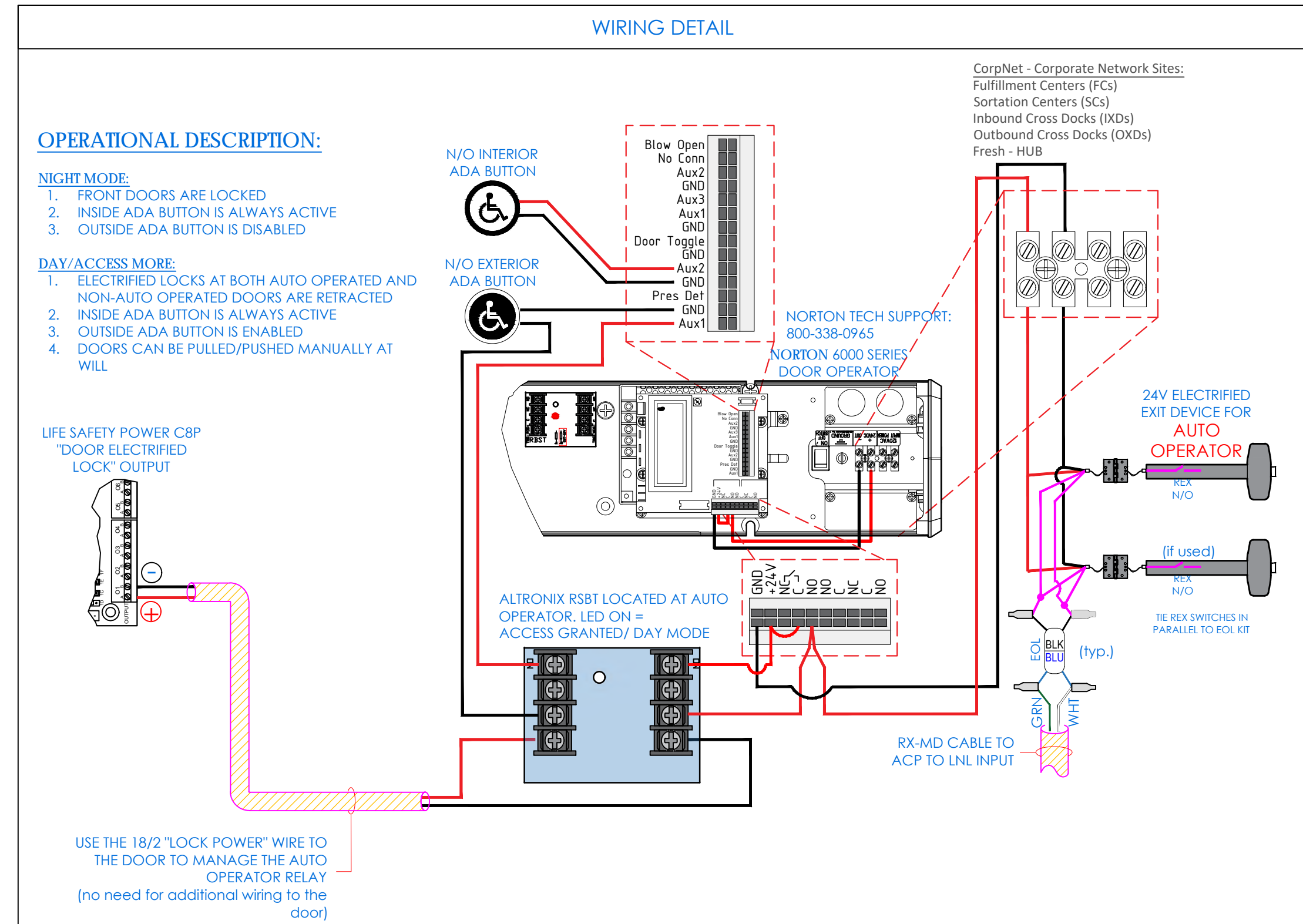
- A PROVIDE APPROPRIATE DOOR CONTACT IN DOOR FRAME DUST BOX.
- B PROVIDE ASSOCIATED MATCHING MAGNET IN TOP OF DOOR.
- C PROVIDE 3/4" CONDUIT WITH WIRING FROM DOOR DEVICES TO BACK BOX (D).
- D PROVIDE 4 1 1/4" SQ. BACKBOX, WITH PROPER EXTENSION AND PLATE ON SECURED SIDE OF DOOR.
- E PROVIDE 2-1/2" DEEP SINGLE GANG MASONRY BOX FLUSH MOUNTED 42" A.F.F. AND 6'-12" AWAY FROM DOOR FRAME ON UNSECURED SIDE OR PER ARCHITECT'S INTERIOR ELEVATIONS.
- G USE EXISTING HOLE FROM CENTER OF ELECTRIFIED HINGE AT DOOR SIDE AND CONNECT TO ELECTRIFIED LOCK OR STRIKE, USING 2 COND. 18 AWG WIRE. MAINTAIN DOOR RATING DRILLING BY AUTHORIZED PERSONNEL ONLY.
- H POWER TRANSFER HINGE OR KNUCKLE AND WIRING JUNCTION BOX W/LOCK POWER WIRING.
- J ELECTRIC MORTISE LOCKSET WITH BUILT IN RTE SWITCH.
- K 1" [25] EMT CONDUIT TO STRUCTURE OR TO ACCESSIBLE CEILING SPACE. HOME RUN CABLE TO AREA SERVING ACP. PROVIDE OPEN CABLE PATHWAY SUPPORTS AS REQUIRED.
- L SIREN



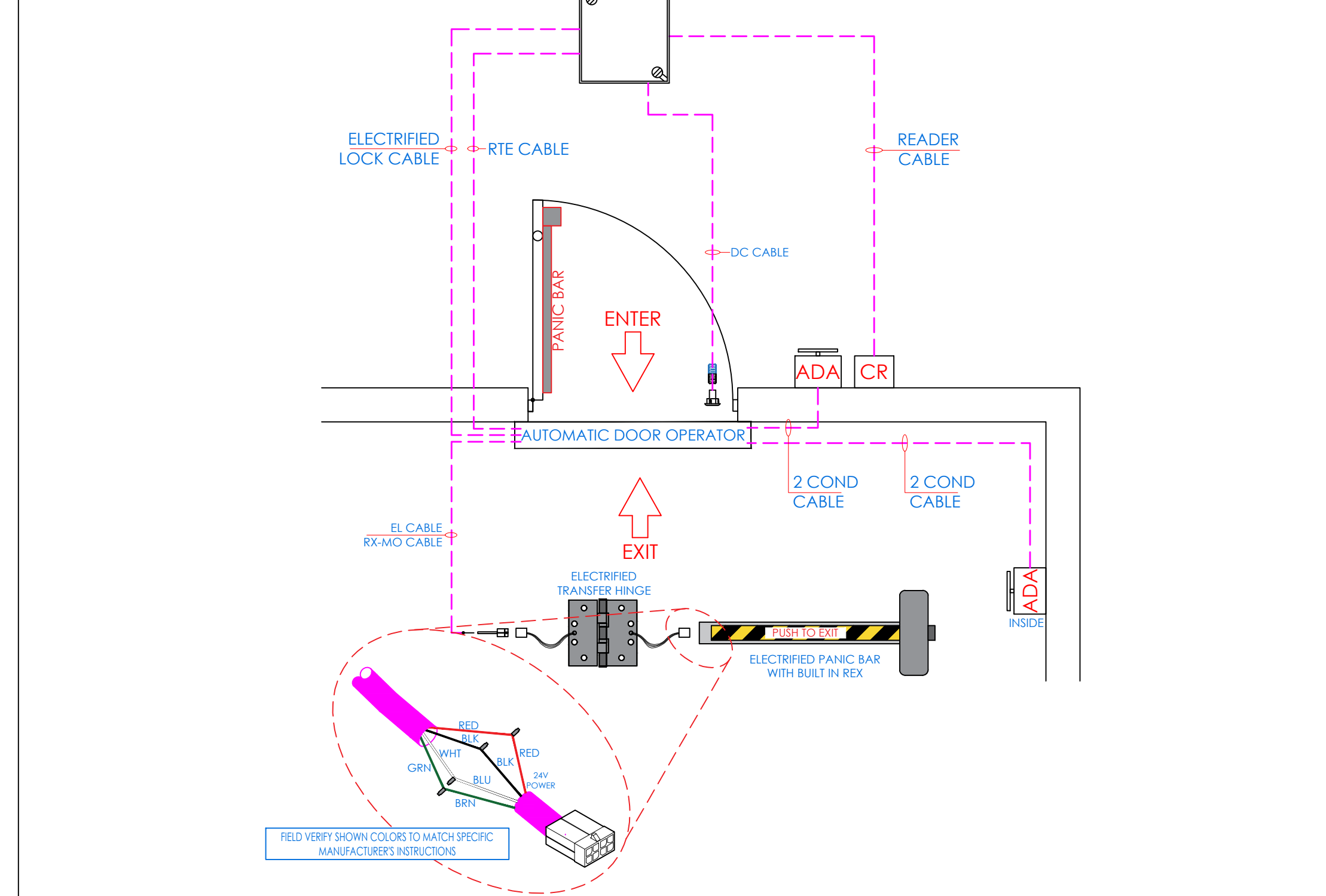
Symbol on Dwgs: CR_N CR_{OUT} DC EL ADA_N ADA_{OUT} AO

DTL: D17

FRONT DOORS EMERGENCY LOCK FOR NON-CORPNET SITES - NORTON 6011/6051 SERIES POWER OPERATOR

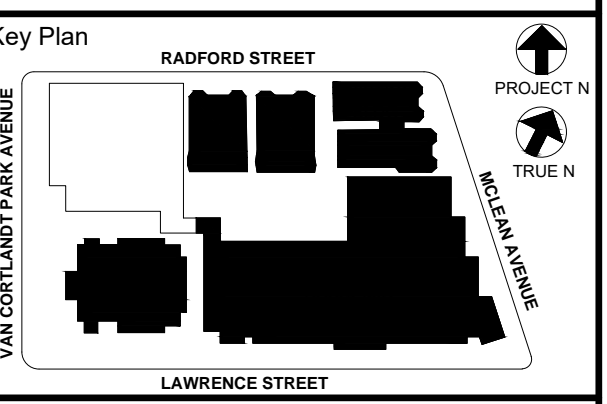


MAKE SURE TO FOLLOW THESE WIRING DETAILS. ALL SPLICES TO BE MADE AT THE AUTOMATIC OPERATOR



Symbol on Dwgs: AO

DTL: D18



NOTE: ALL IDEAS, SCHEDULES, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

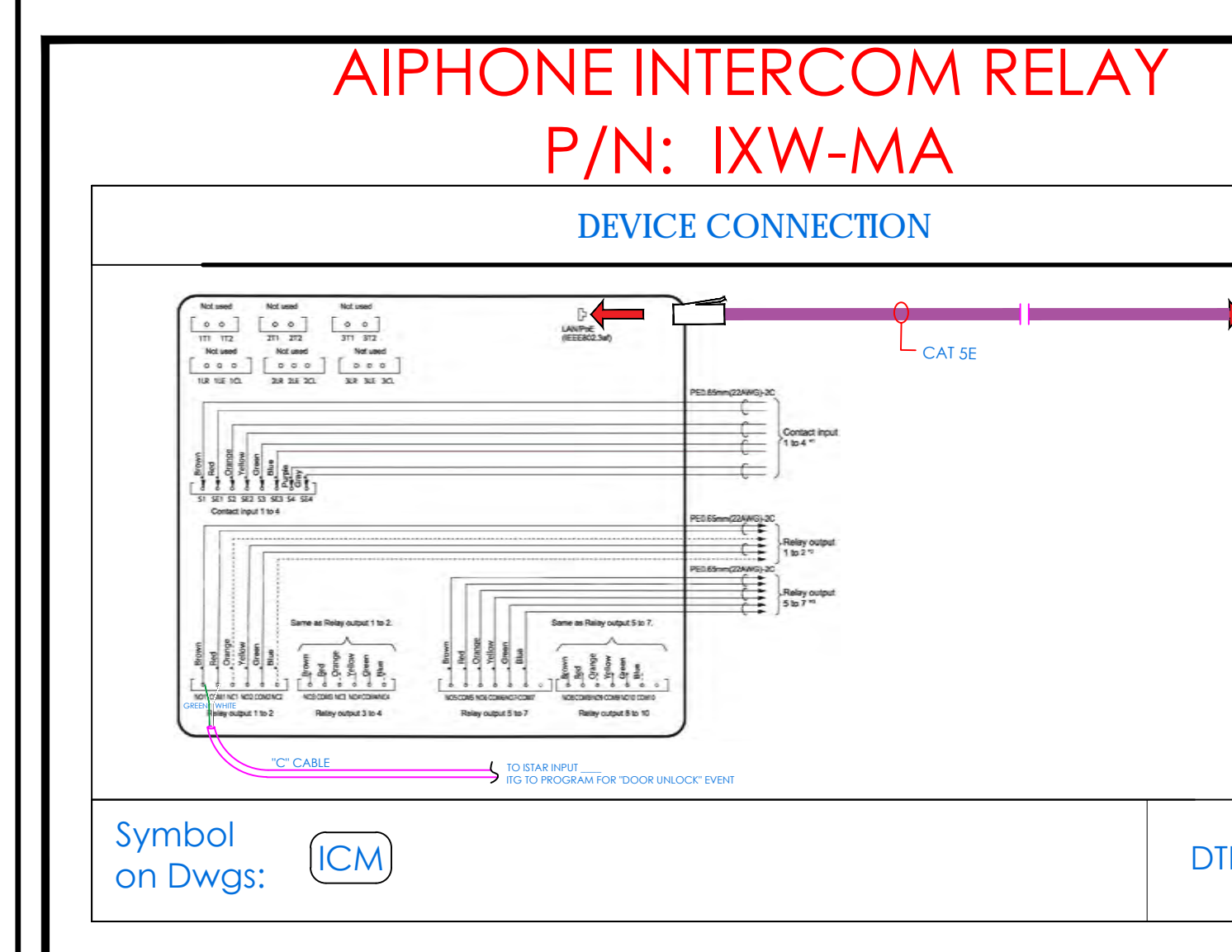
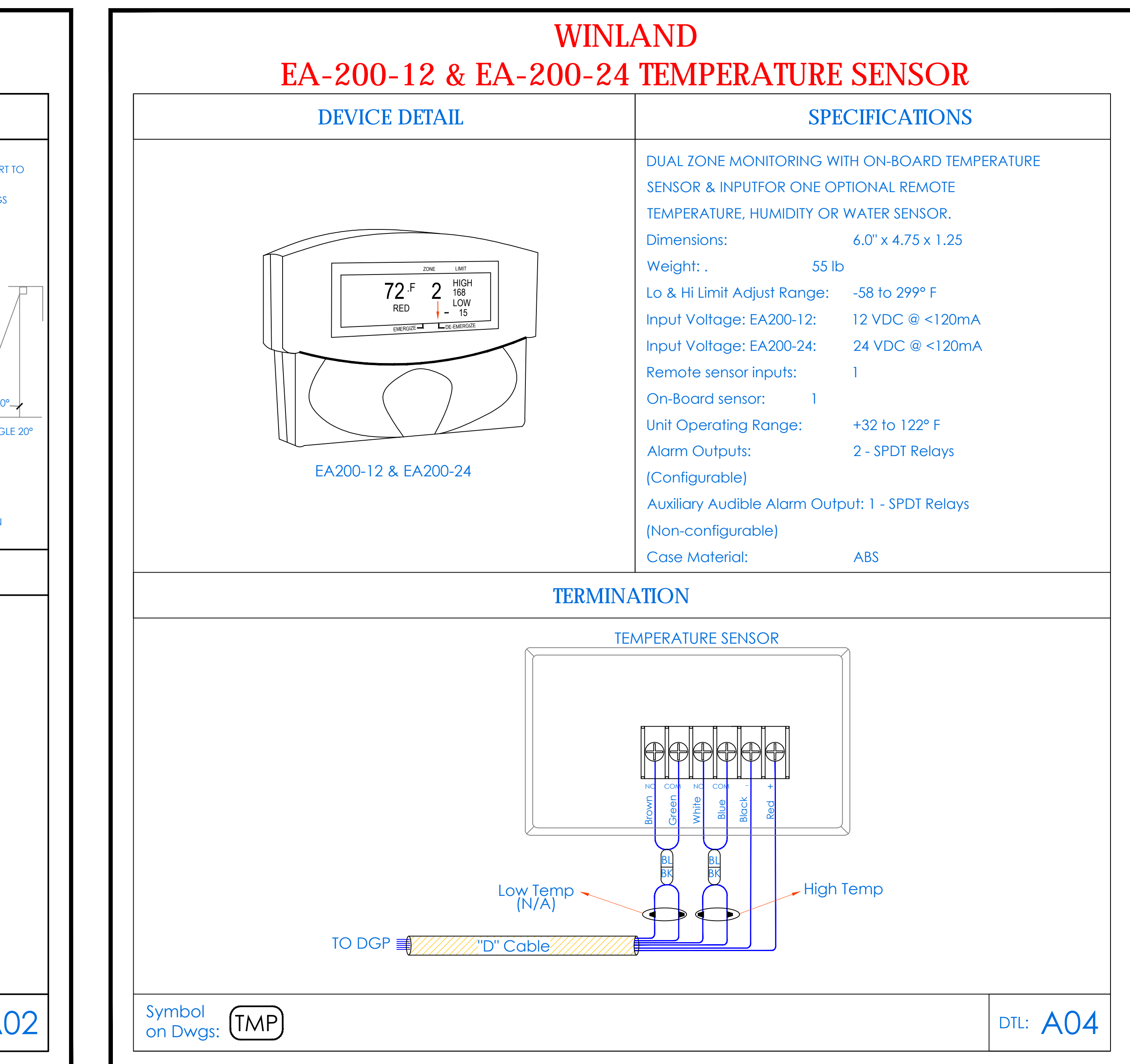
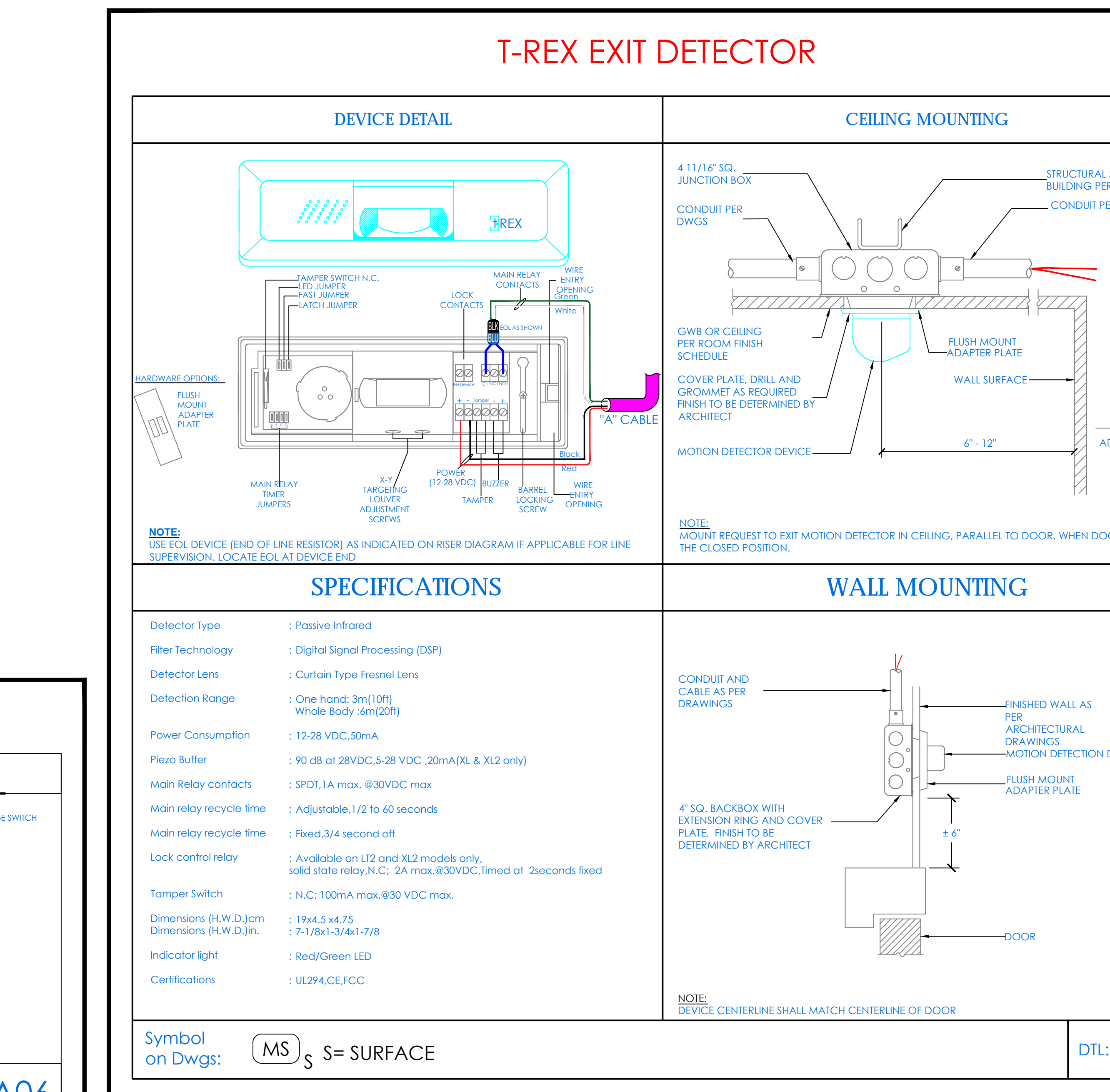
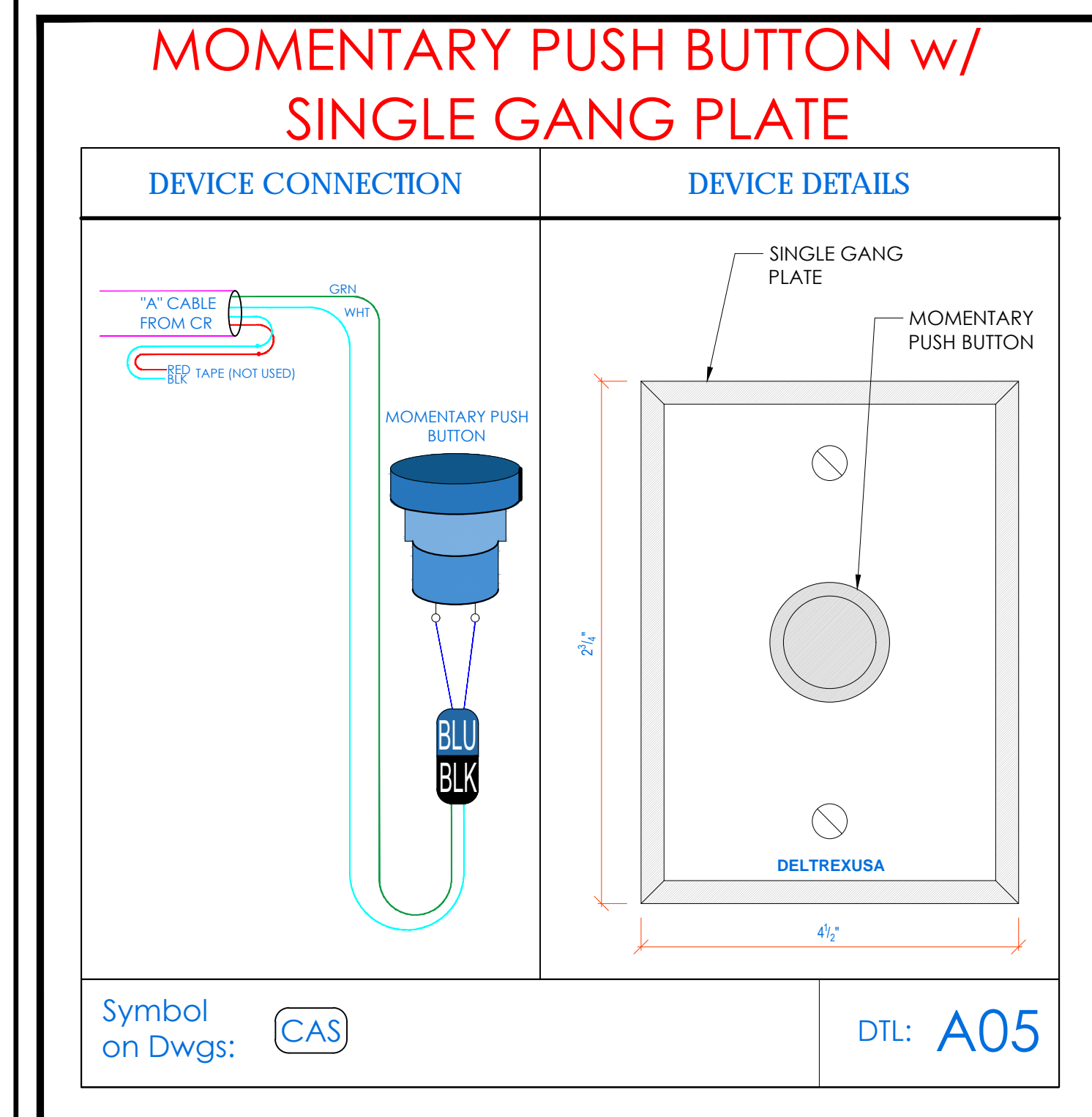
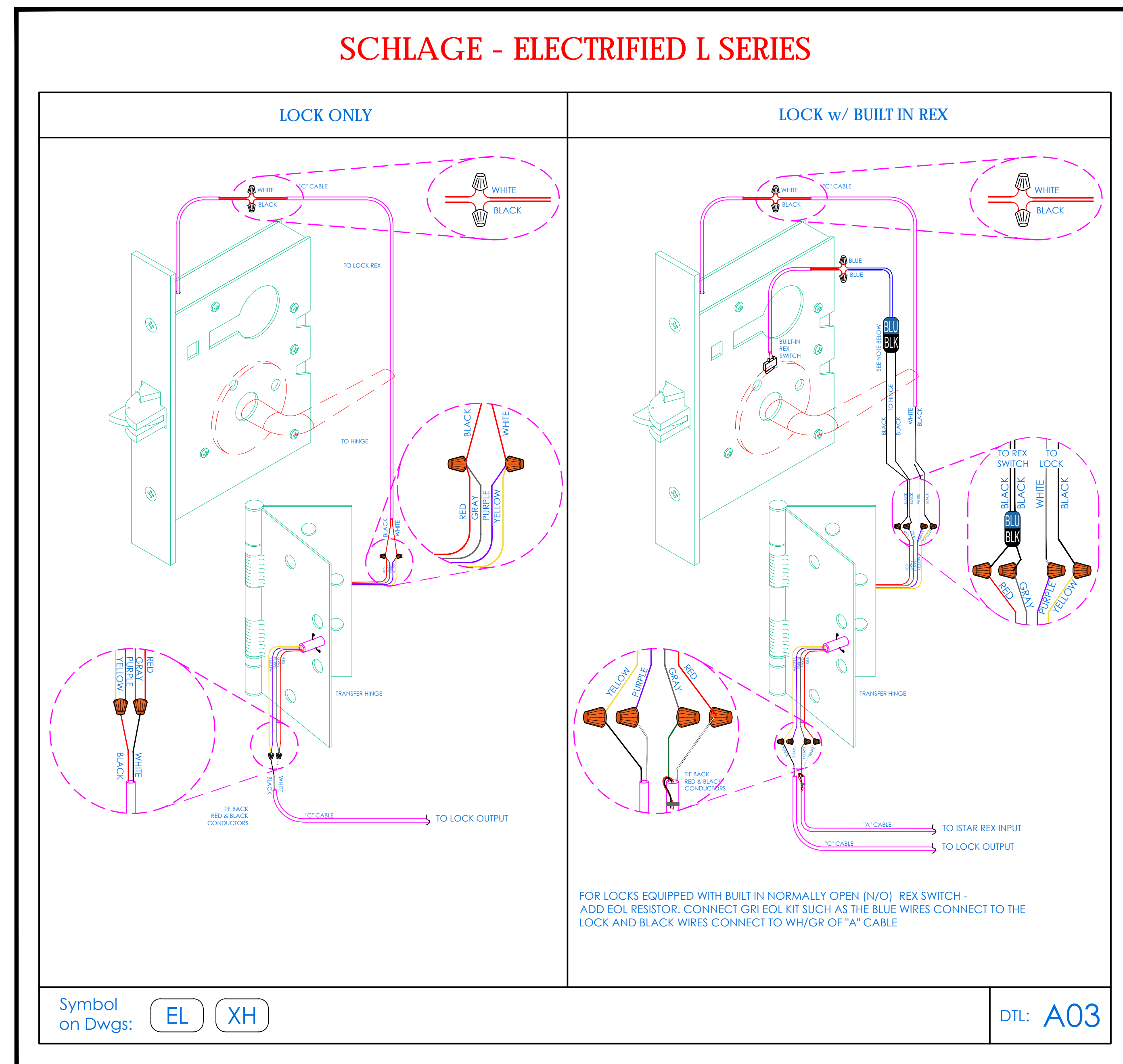
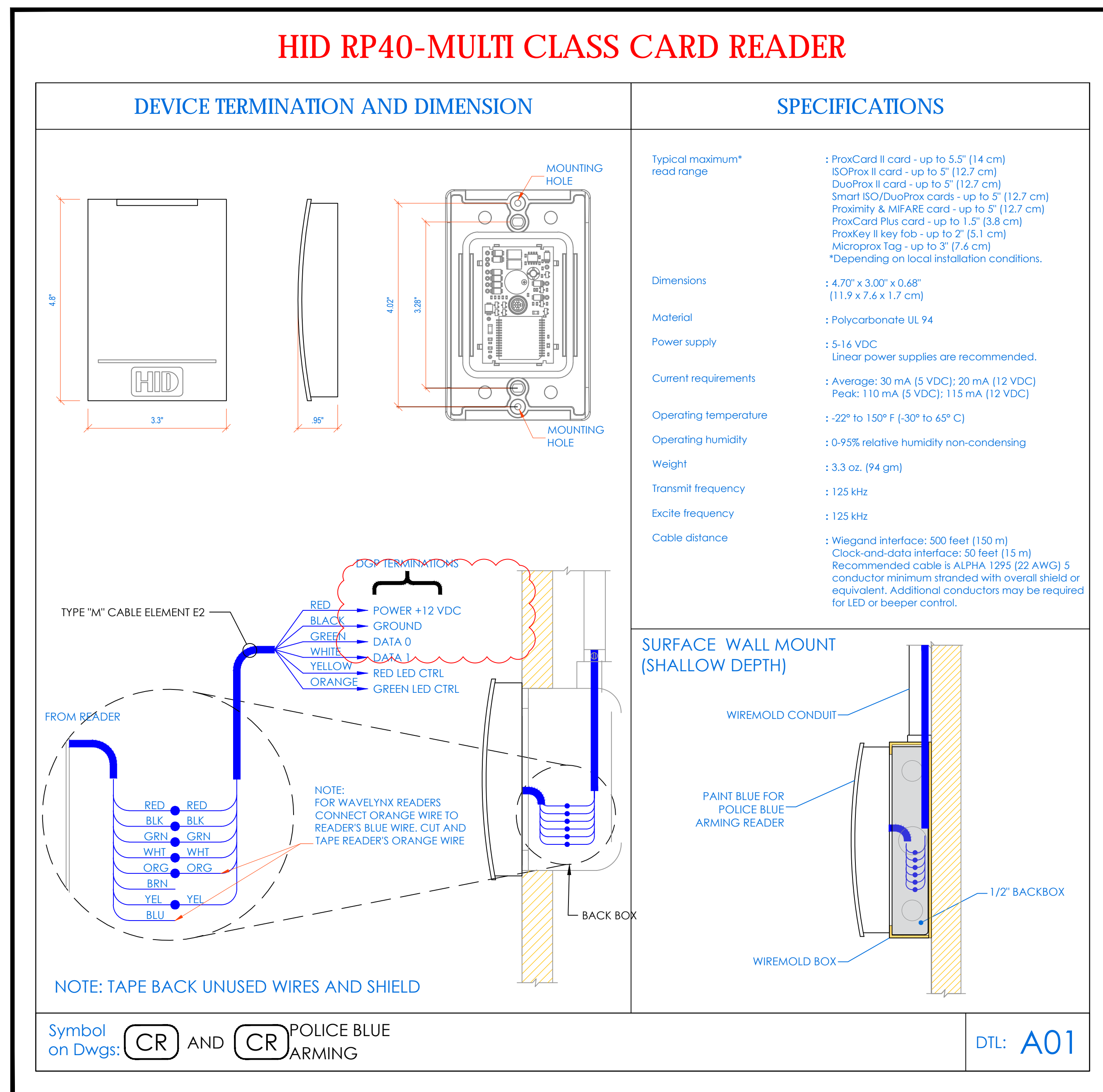
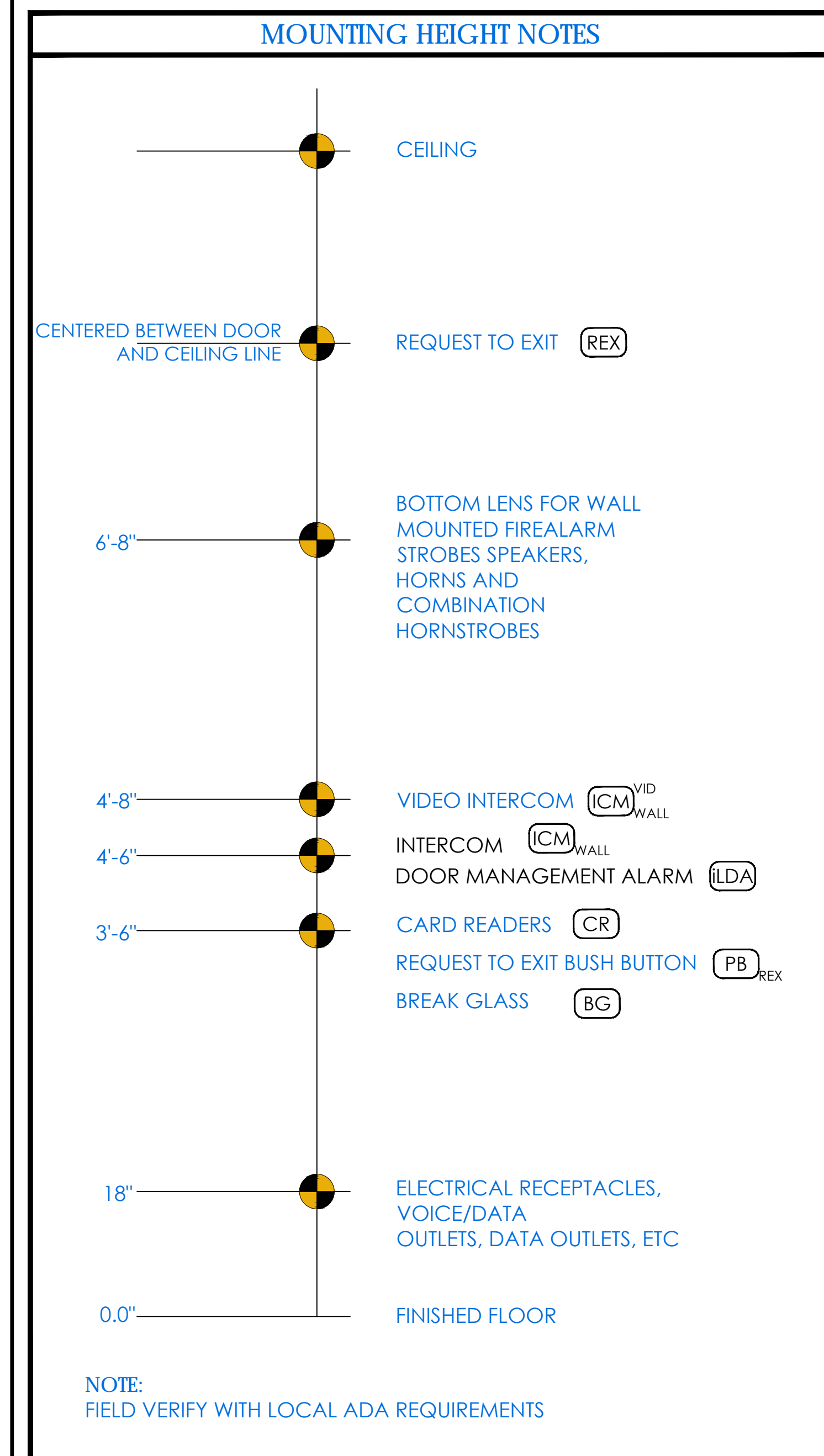
WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, WHILE BEING ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 2615 OF THE NEW YORK STATE LAW. COPYRIGHT 2020, KG+D ARCHITECTS, PC. DESIGNER: MATHIAS GARDNER ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

| No. | Date | Issue |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

Sheet Title
SECURITY EQUIPMENT DETAIL 1B DOOR TYPICALS

| | |
|-------------------|-----------------|
| Job No. 2019-1026 | Date 08/31/2020 |
| Scale: AS NOTED | Drawn / Checked |
| Sheet Number | |



NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P: 914.688.5900 KGDARCHITECTS.COM

ITG Larson, Inc.

155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

Key Plan

NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT CLIENT AND/OR ARCHITECTS, PC AND HAVE BEEN CHECKED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN, ARRANGEMENTS OR PLANS SHALL BE REUSED OR DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF JG&D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 24, SECTION 2615 OF NEW YORK STATE LAW.

COPYRIGHT 2020, GARDNER - DIVISION ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

6 01/13/2022 CONFORMED SET

5 11/11/2021 BID ADDENDUM #1

3 07/14/2021 CONSTRUCTION DOCS - NYSED

2 12/15/2020 DESIGN DEVELOPMENT

1 08/31/2020 SCHEMATIC DESIGN

No. _____ Date _____ Issue _____

Sheet Title

SECURITY EQUIPMENT DETAIL 2 ACCESS DEVICE TYPICALS

Job No. 2019-1026 Date 08/31/2020

Scale: AS NOTED Drawn / Checked

Sheet Number

SE-704

NU2 SYSTEMS - ILDA INTELLIGENT LOCAL DOOR ALARM

| DEVICE DETAIL | JUMPER SETTINGS | SPECIFICATIONS |
|---------------|---|--|
| | BUILT IN EOL TERMINATION JUMPER SETTINGS | Model: INTELLIGENT LOCAL DOOR ALARM Input Voltage: Range of 9-32VAC/VDC Mounting: Mounting: 2-Gang 1/2" deep electrical box Terminal strips: 2 x 12 pin fixed terminal strips accept up to 16 AWG wires Alarm sounder Voltage rating: #95 dB or 105dB Pulsing tones indicate warning alarm Decibel(dB) level is programmable Time Delays Access delay: Shunts the alarm function for the duration of the delay. Warning delay: Sets the duration of the warning alarm. Alarm automatic reset delay: Sets the duration of an alarm if the automatic reset feature is enabled. Operational Functions: The ILDA display will show "SECURE" or "ARMED" in dark green and will also display time/date. |

WIRING DIAGRAM

Symbol on Dwg: DTL: A06

ILDA TERMINATIONS DMA DOORS 1-8

INTERNAL WIRING OF THIS CONTROL TERMINATION BOX WILL BE PERFORMED AND DELIVERED BY ITG. CONTRACTOR TO TERMINATE 8 CONDUCTOR ("D") CABLE AS PER SHOWN COLOR CODED TERMINALS

DM-T

| Module | Terminal | Color | Function |
|--------|----------|-------|------------------|
| PD8-F1 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F2 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F3 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F4 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F5 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F6 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F7 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| PD8-F8 | 1 | RED | (+12/24V) |
| | 2 | BLK | (-12/24V) |
| | 3 | GRN | (-ALARM) |
| | 4 | WHT | (-ALARM) |
| | 5 | YEL | (-BYPASS) |
| | 6 | ORNG | (-BYPASS) |
| | 7 | BLU | (-SHUNT/SILENCE) |
| | 8 | BRN | (-SHUNT/SILENCE) |
| TO PD8 | 1 | RED | |
| | 2 | BLK | FROM LOCK PWR |
| | 3 | RED | |
| | 4 | WHT | FROM ISTAR ACM |
| | 5 | RED | |
| | 6 | GRN | POWER & RS-485 |
| | 7 | GRN | |
| | 8 | BLK | |

NOTE: ILDA's 9-16 ARE TERMINATED IN DMA TERMINATION BOX #2 (not shown) IN DEVICE POSITIONS 1-8. SEE SE-300 CLOSET DETAILS FOR MOUNTING OF BOXES 1&2. SEE ILDA/DMA TERMINATION MATRIX THIS PAGE

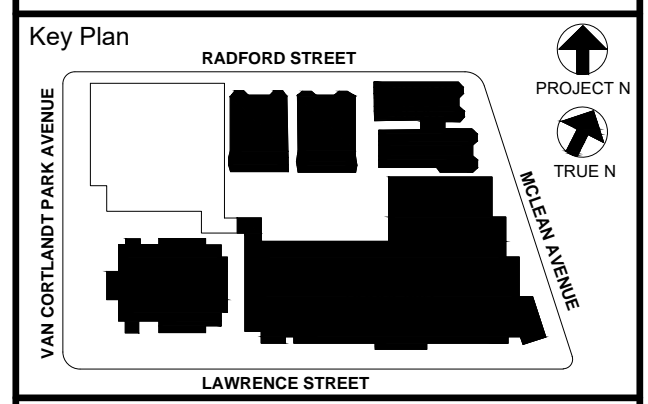
ILDA/DMA TERMINATION MATRIX

| CLOSET | BOX | PORT | CAD | LOCATION |
|--------------|---------------|------------|-----------------------|-------------------------------|
| MDF / IDF-#1 | ENCLOSURE - 1 | 1 | 1-01-01-01 | NW ENTRY DOOR |
| | | 2 | 1-02-01-02 | CAFETERIA / MULTI-PURPOSE 108 |
| | | 3 | 1-03-01-03 | LOADING DOCK 111b |
| | | 4 | 1-04-01-04 | NE ENTRY DOOR |
| | ENCLOSURE - 2 | 5 | 1-05-01-05 | STAIR B SB1a |
| | | 6 | 1-06-01-06 | VEST 100 |
| | | 7 | 1-07-01-07 | STAIR A SA1 |
| | | 8 | 1-08-01-08 | VEST 100a |
| IDF-#2 | ENCLOSURE - 3 | 1 | 1-09-02-01 | CORR 103 (CAS) |
| | | 2 | 1-10-02-02 | PRE-K CLASSROOM-1 104 |
| | | 3 | 1-11-02-03 | PRE-K CLASSROOM-2 103 |
| | | 4 | 1-12-02-04 | PRE-K CLASSROOM-3 113 |
| | 5 | 2-13-02-05 | PRE-K CLASSROOM-4 112 | |
| | 6 | 2-14-02-06 | LOADING DOCK 111b | |
| | 7 | B-15-02-07 | STORAGE B10 | |
| | 8 | | SPARE | |
| IDF-#1 | ENCLOSURE - 1 | 1 | C1-17-03-01 | GYM/AUDITORIUM G103 - NW |
| | | 2 | C1-18-03-02 | GYM/AUDITORIUM G103 - SW |
| | | 3 | C1-19-03-03 | STAIR H SH1 |
| | | 4 | C1-20-03-04 | LOADING G106 |
| | | 5 | C1-21-03-05 | VEST G102 |
| 6 | | SPARE | | |
| 7 | | SPARE | | |
| 8 | | SPARE | | |

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE
YONKERS JOINT SCHOOLS CONSTRUCTION BOARD
121 McLean Avenue
Yonkers, NY 10705

KG+D ARCHITECTS, PC
285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
P:914.688.5500 KGDARCHITECTS.COM

ITG Larson, Inc.
155 Lafayette Ave
White Plains, NY 10603
SECURITY SYSTEMS
NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001



NOTE: ALL DEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF PROJECT, CURRENT & FUTURE ARCHITECTS, PC, AND THESE CHECKED FOR USE ON THIS PROJECT. NONE OF SUCH DEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PARTY WITHOUT THE WRITTEN PERMISSION OF KGAD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SUCH DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL & AFFIXED HEREON, IS A VIOLATION OF TITLE 24, SECTION 2615 OF NEW YORK STATE LAW. COPYRIGHT KAMSTER, GARDNER - DIVISION ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|-----|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |
| No. | Date | Issue |

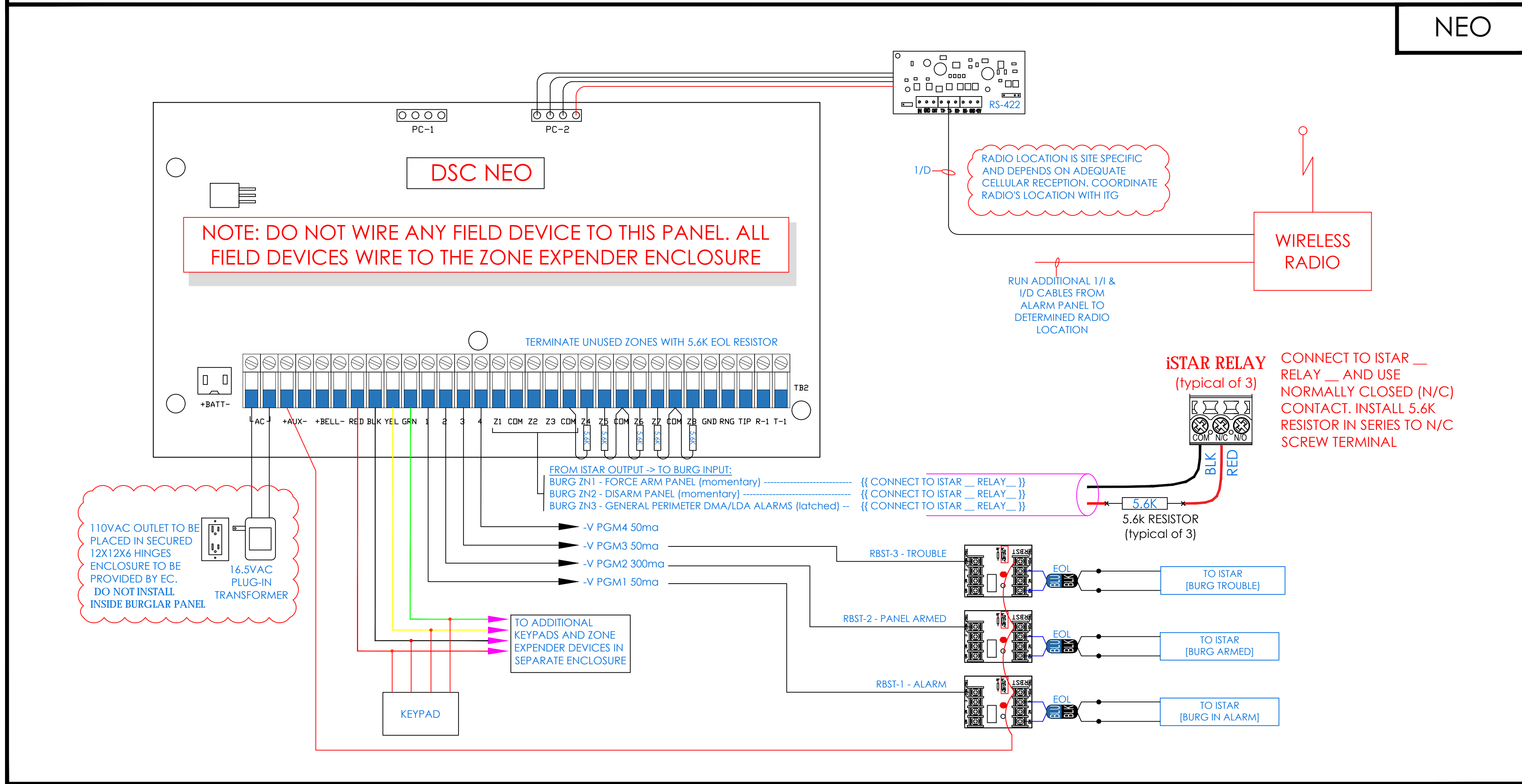
Sheet Title
**SECURITY EQUIPMENT
DETAIL 3
ILDA DEVICE TYPICALS**

Job No: 2019-1026 Date: 08/31/2020
Scale: AS NOTED Drawn / Checked

Sheet Number
SE-705

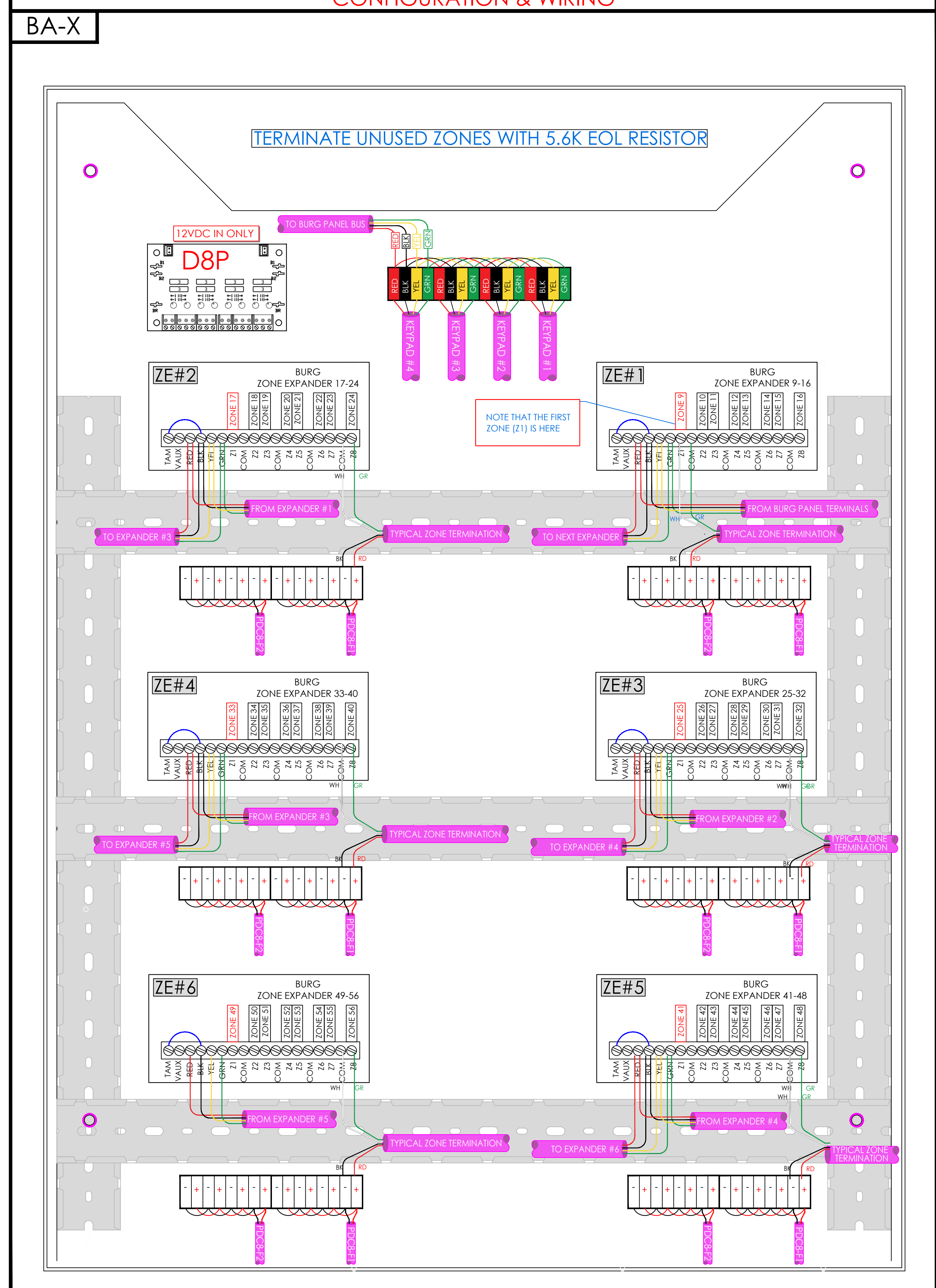
DSC NEO PANEL

NEO

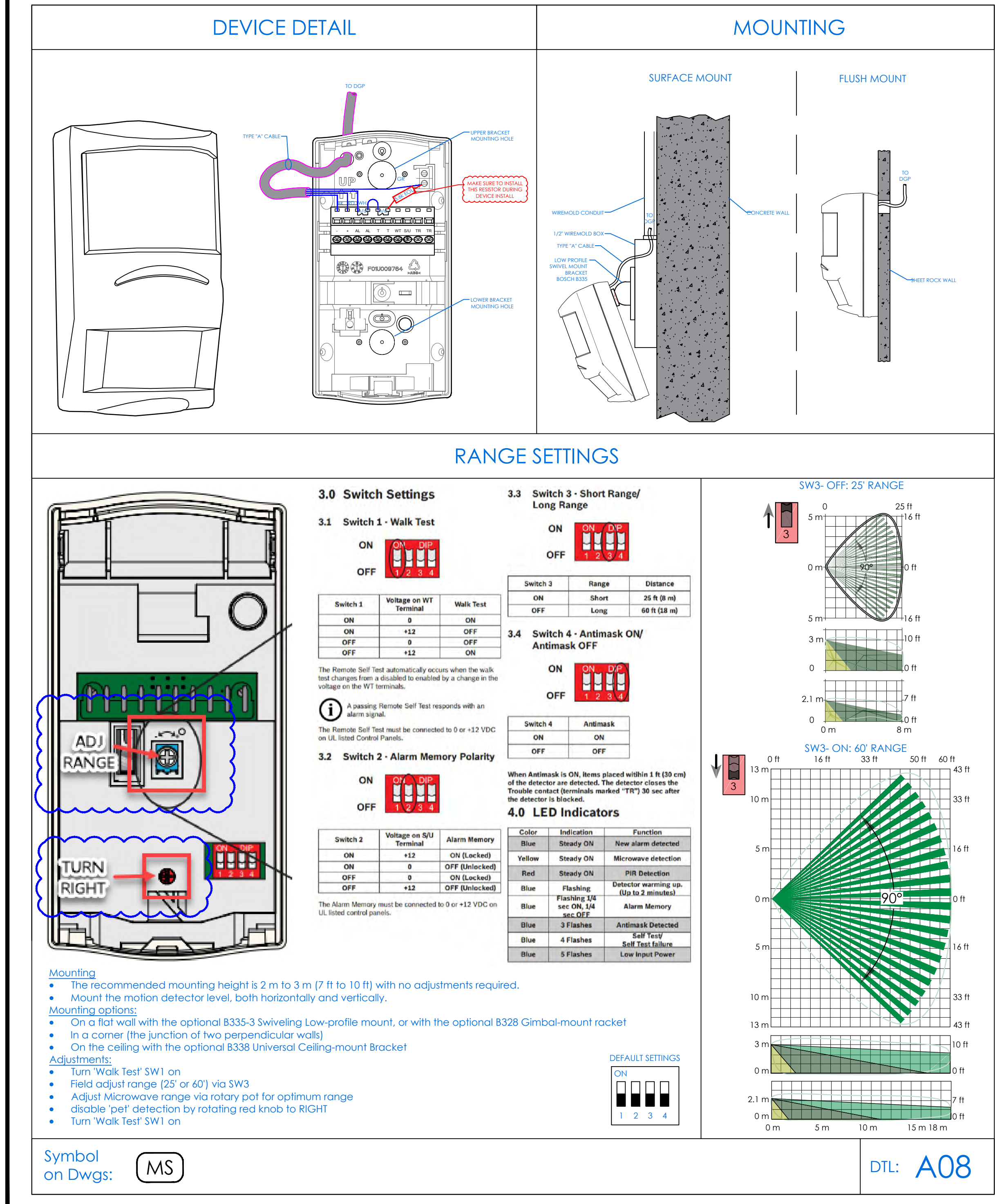


BURGLAR ALARM ZONE EXPANDER MODULE CONFIGURATION & WIRING

BA-X



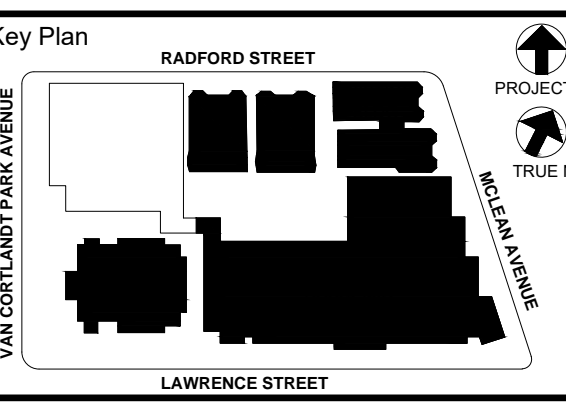
BOSCH PROFESSIONAL SERIES P/N: ISC-PDL1-W18G



BURGLAR ALARM ZONE DETAIL

BA-Z

Table with columns: CLOSET, ENCLOSURE, PORT, ZONE, DEVICE TAG, LOCATION. Lists zone details for MDF/IDF#1, IDF#2, and IDF#3.



NOTE: ALL DEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF...

Professional Seal

Revision table with columns: No., Date, Issue. Includes dates from 01/13/2022 to 08/31/2020.

MFGR.MODEL.TYPE.P-N

DEVICE DETAIL

TERMINATIONS

| | Indoor | Outdoor |
|--------------------------|--|---|
| Operational | | |
| Video Compression | H.264 / H.265 / IntelDP / MJPEG | |
| Max Frame Rate | 8MP @ 15 fps | |
| ONVIF Compliant | Profile 5 | |
| Yes | | |
| Resolution | 3840x2160 (4K) 16:9 3264x1840 16:9 2592x1944 4:3 2688x1520 16:9 2048x1536 (4KGA) 4:3 1920x1080 (1080p) 16:9 | 1280x960 (SXGA-) 4:3 1280x720 (720p) 16:9 800x600 (SVGA) 4:3 640x480 (440VGA) 4:3 640x360 (HD) 16:9 |
| Imager | | 1/2.5" |
| Day/Night | True D/N with ICR | Yes |
| TrickleStar | Yes | |
| IR Distance | N/A | 25m |
| Motion Detection | 3 zones | |
| Blur Detection | Yes | |
| Privacy Zones | 9 zones | |
| Alarm Input/Output | 1 - 1 | |
| Audio Input/Output | 1 - 1 | |
| Video Streams | Triple Streaming with a Maximum of 5 Concurrent Shared Streams | |
| True Wide Dynamic Range | 100dB | |
| Minimum Illumination | 0.03 Lux | |
| Color | 0.0003 Lux | |
| SNR | 42/24" | |
| Field of View (HxV) | 104°/56° | |
| Wide Angle | 42°/24° | |
| Telephoto | | |
| Lens Type | Motorized Varifocal and Focus, PHS control, IR corrective | |
| Focal length | 3.4-9mm | |
| Aperture | F1.5(W)-F2.9(T) | |
| Supported Languages | Arabic, Czech, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English (US), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Russian, Spanish, Turkish | |
| Network | Internet Explorer 8.0 or above, Firefox, Safari, Chrome | |
| Ethernet Interface Port | IEEE 802.3, 10/100Base-T Ethernet, Female RJ45, Auto-Negotiation | |
| Support Protocols | TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, RTSP, TLS, Unicast, Multicast, NTP, ICMP, IGMP, SMTP, WS-Security, IEEE 802.1x, PEAP, EAP-TLS, EAPoL, SSH, HTTPS, SOAP, WSAddressing, CIFS, SNMP, UPnP, RTSP, LLDP | |
| Configuration Management | Internet Explorer 8.0 or above, Firefox, Safari, Chrome | |
| Web browser | TLS - RFC5246 v1.2, HTTPS (HTTP over TLS) - RFC2818, WS-Security, Certificate Management, Multi-Level Password Protection, IP Address, Filtering, HTTPS Encryption, One-Click Security Hardening, User Access Log, Validate Complex Credentials, Disabling Unused Protocols, IEEE 802.1x including: PEAP, EAP-TLS, EAPoL | |
| Security | | |
| Onboard Storage | Micro SD & SDXC slot up to 128GB; Class 10 or higher; Card not included | |
| Card Support | | |
| Electrical | | |
| Power input | 24VAC, PoE IEEE 802.3af class 2 | 24VAC, PoE IEEE 802.3af class 3 |
| Power draw | 6W | 12W |
| Physical | | |
| Dimensions | Ø4.8 x 4.2 in (Ø123 x 107 mm) | |
| Weight | 2.05lbs (0.93kg) | 2.14lbs (0.97kg) |
| Housing Color | White | |
| Operating temperature | -4°F to 122°F (-20°C to 50°C) No Heater | -58°F to 122°F (-50°C to 50°C) Extended temperature: 140°F (60°C) for 5 hours a day with IR illuminators OFF |
| Vandal Resistant | IK10 | |
| Environmental Rating | IP66/IP67 | |
| Regulatory | | |
| Emissions | FCC Part 15 Class A; EN55032 Class A; AS/NZS CISPR 32 Class A; ICES-003/NMB-003 Class A | |
| Immunity | EN55024; EN50130-4 | |
| Safety | EN60950-1; UL60950-1; CAN/CSA-C22.2 No. 60950-1 | |
| Environment | RoHS/WEEE | |

SPECIFICATIONS

NOTE: EXACT HEIGHT OF CAMERA TO BE DETERMINED IN FIELD

SPECIFICATIONS2

NOTE: EXACT HEIGHT OF CAMERA TO BE DETERMINED IN FIELD

FEATURES

NOTE: EXACT HEIGHT OF CAMERA TO BE DETERMINED IN FIELD

FEATURES2

NOTE: EXACT HEIGHT OF CAMERA TO BE DETERMINED IN FIELD

DETAILED WIRING

NOTE: RJ45 PLUG CLIP IS POINTED AWAY

Symbol on Dwg:

DET.NUM

nVent CADDY SPEED LINK SLK WITH ANGLE BRACKET

FIX TO DECK WITH FASTENERS APPROPRIATE TO SITE CONDITIONS

EXISTING HARD DECK

3/4" CONDUIT

4" SQ. BACKBOX W/ SINGLE GANGE COVER, PUNCHED W/ CONNECTORS FOR VIDEO & POWER CABLES

3/4" METALLIC FLEXIBLE CONDUIT (LENGTH SHALL NOT EXCEED 48")

PULL WIRE UP TO REDUCE SLACK

SLK LOCKING DEVICE # SLK1SLA8 - 3" # SLK1SL2A8 - 6" # SLK1SL3A8 - 9" # SLK1SL5A8 - 16" (see below)

THREAD THROUGH BOTH HOLES!

AMERICAN DYNAMICS MINI-DOME RECESSED MOUNT # IFDRCMNT

EXISTING ACOUSTIC CEILING PANEL

AMERICAN DYNAMICS ILLUSTRATED INDOOR MINI-DOME

CUT HOLE IN EXISTING ACOUSTIC CEILING PANEL AS PER CAMERA MANUFACTURERS SPECIFIED DIAMETER - SEE MANUAL.

CEILING VANITY PLATE p/n: IFDRCMNT w/ SPRING CLIP FASTENERS - INSTALL PER MANUFACTURERS SPEC.

| Part Number | Wire Rope Length | A | Hole Size HS | Height H | Width W | Thickness T | Angle a | Static Load F | Certifications |
|-------------|------------------|--------|--------------|----------|---------|-------------|---------|---------------|----------------|
| SLK1SL1A8 | 3.3' | 0.891" | 0.281" | 2.15" | 0.75" | 0.5" | 90° Max | 44 lb | cULus |
| SLK1SL2A8 | 6.6' | 0.891" | 0.281" | 2.15" | 0.75" | 0.5" | 90° Max | 44 lb | cULus |

Symbol on Dwg:

DTL: C02

NEW COMMUNITY SCHOOL 35 AT ST DENIS SITE

YONKERS JOINT SCHOOLS CONSTRUCTION BOARD

121 McLean Avenue
Yonkers, NY 10705

KG+D listen imagine build

KG+D ARCHITECTS, PC
285 MAIN STREET - MOUNT KISCO, NEW YORK 10549
P:914.668.5900 KGDARCHITECTS.COM

ITG Larson, Inc.

155 Lafayette Ave
White Plains, NY 10603

SECURITY SYSTEMS

NY SED PROJECT CONTROL NO.
66-23-00-01-0-346-001

Key Plan

NOTE: ALL DEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KGDARCHITECTS, PC AND/OR ITG LARSON, INC. ANY REUSE OR REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF KGDARCHITECTS, PC AND/OR ITG LARSON, INC. IS STRICTLY PROHIBITED.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER GRAPHIC DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. ANY DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECTION 2615 OF NEW YORK STATE LAW. COPYRIGHT MATERIAL, GARDNER - DIVISION ARCHITECTS & ENGINEERS, PC ALL RIGHTS RESERVED.

Professional Seal

| | | |
|---|------------|---------------------------|
| 6 | 01/13/2022 | CONFORMED SET |
| 5 | 11/11/2021 | BID ADDENDUM #1 |
| 3 | 07/14/2021 | CONSTRUCTION DOCS - NYSED |
| 2 | 12/15/2020 | DESIGN DEVELOPMENT |
| 1 | 08/31/2020 | SCHEMATIC DESIGN |

No. _____ Date _____ Issue _____

Sheet Title

**SECURITY EQUIPMENT
DETAIL 5
CCTV TYPICALS**

| | | | |
|--------------|---------------|-----------------|------------|
| Job No. | 2019-1026 | Date | 08/31/2020 |
| Scale: | AS NOTED | Drawn / Checked | |
| Sheet Number | SE-706 | | |