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ROGER P. SMITH, AIA, FOUNDING PRINCIPAL

December 7, 2022

BID ADDENDUM No. 2

Re: Bond Improvements Phase 2
Briarcliff Manor Union Free School District
SED No. 66-14-02-02-0-004-023 (HSMS)
SED No. 66-14-02-02-0-002-021 (ES)
BBS File No 21-274C, 21-274D

This addendum contains changes to the requirements of the contract drawings and/or project manual. Such changes shall be incorporated into the contract documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever this addendum modifies a portion of a paragraph of project manual or any portion of the drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the basic project manual shall govern all work described in this addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this addendum, the conditions of work, etc. included in the basic project manual for similar items of work shall apply to the work described in this addendum.

The "Conditions of the Contract" apply to all work described in this addendum.

The following changes shall be and are hereby made:

PROJECT MANUAL MODIFICATIONS

1. Specification Section 00000 – General Requirements
 - a. Under Section 1C Insurance Requirements, item 2; certificate of insurance, letter C: Numbers 11 and 13 shall be eliminated from insurance certificates.

CONSTRUCTION DRAWING MODIFICATIONS

MIDDLE SCHOOL/HIGH SCHOOL

ARCHITECTURAL

1. Drawing 9.01 FINISH SCHEDULE
 - a. Construction Drawing is hereby deleted and replaced with the attached.
2. Drawing 11.04 NELARGED EQUIPMENT PLANS & DETAILS
 - a. Construction Drawing is hereby deleted and replaced with the attached.

STRUCTURAL

3. Drawing S0.01 DESIGN DATA AND GENERAL NOTES
 - b. Construction Drawing is hereby deleted and replaced with the attached.
4. Drawing S1.00 PARTIAL FOUNDATION PLAN
 - a. Construction Drawing is hereby deleted and replaced with the attached.
5. Drawing S1.01 PARTIAL ROOF FRAMING PLAN AND HIGH FRAMING PLANS
 - a. Construction Drawing is hereby deleted and replaced with the attached.
6. Drawing S3.00 CONCRETE SECTIONS AND DETAILS
 - a. Construction Drawing is hereby deleted and replaced with the attached.
7. Drawing S5.00 STEEL SECTIONS AND DETAILS
 - a. Construction Drawing is hereby deleted and replaced with the attached.

ELECTRICAL

1. Drawing E0.01 GENERAL NOTES, SYMOBOLS AND ABBREVIATIONS
 - a. Construction Drawing is hereby deleted and replaced with the attached.
2. Drawing E4.01 PARTIAL FIRST FLOOR POWER PLAN – AREA A & C
 - a. Construction Drawing is hereby deleted and replaced with the attached.
3. Drawing E4.02 PARTIAL FIRST FLOOR POWER PLAN – AREA D
 - a. Construction Drawing is hereby deleted and replaced with the attached.
4. Drawing E5.02 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA D
 - a. Construction Drawing is hereby deleted and replaced with the attached.
5. Drawing E8.01 PANELBOARD DIRECTORIES
 - a. Construction Drawing is hereby deleted and replaced with the attached.

TODD ELEMENTARY SCHOOL

1. Drawing A0.02 OVERALL KEY PLAN
 - a. Construction Drawing is hereby deleted and replaced with the attached.
2. Drawing A8.01 DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS
 - a. Construction Drawing is hereby deleted and replaced with the attached.
3. Drawing M0.01 MECHANICAL GENERAL NOTES, LEGENDS, AND SCHEDULES
 - a. Construction Drawing is hereby deleted and replaced with the attached.
4. Drawing P0.01 PLUMBING GENERAL NOTES, LEGENDS, AND SCHEDULES
 - a. Construction Drawing is hereby deleted and replaced with the attached.

Response to Contractors Written RFI's

1. **Question:** A certificate of insurance can not include a hold harmless clause as per Division 1; Section 1C Insurance requirements; Item 2 Certificate of insurance letter C, Number 11: Hold Harmless Clause. Please advise.

Certificate of insurance: please provide procedure for out of state counter signature. Division 1; Section 1C: Insurance requirements; Item 2: Certificate of insurance letter C, Number 13.

BBS Response: Items #11 and #13 shall be eliminated from certificates of insurance.

2. **Question:** Please provide the current fire alarm vendor's information.

BBS Response: Fire Systems, Inc. 1-800-660-3580 Attn. Michael A. Vallo, Sr. Michael@firesystems.co
www.firesystems.co

3. **Question:** M2.04, proposed HVAC part plan Area H MC to insulate existing ductwork (exposed) in cafeteria area. Is Painting the ductwork still in MC scope of work?

BBS Response: correct

4. **Question:** In spec section Division 15, 15510 section for Hot/Chilled and low pressure steam piping. Piping 2" and under is to be schedule 40 steel pipe. Can we use copper? Please confirm.

BBS Response: no, provide as specified.

8. **Question:** Specification section: 15411A plumbing Domestic Water system Part 2.01 "B" proposed domestic piping fittings. Piping schedule states that aboveground domestic water piping 2" & smaller shall be type "L" copper with solder-joint fittings. Are mechanically pressed copper fittings for the above ground domestic piping 2" & smaller allowed.

BBS Response: no, provide as specified.

END of Addendum #2

WALL TYPES:

Table with 2 columns: TYPE and DESCRIPTION. Includes types P1 through P9 and WC1, detailing paint and enamel specifications for various wall areas.

FLOOR MATERIAL TYPES

Table with 2 columns: TYPE and DESCRIPTION. Includes types VCT1, LV1, CPT1, and CT-4, detailing vinyl and ceramic tile specifications.

BASE TYPES:

Table with 2 columns: TYPE and DESCRIPTION. Includes types RCB1 through RC5, detailing rubber and acrylic base specifications.

CEILING TILE TYPES:

Table with 2 columns: TYPE and DESCRIPTION. Includes types ACT1 through ACT5 and CEILING GRID, detailing acoustic ceiling tile and grid specifications.

GROUT TYPES:

Table with 2 columns: TYPE and DESCRIPTION. Includes types GRT1 and GRT2, detailing grout specifications for wall and floor.

TACKBOARDS:

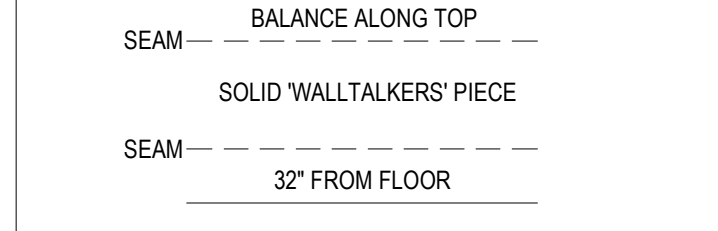
TBI: TACK BOARDS. COLOR: AS PER ARCHITECT. WINDOW TREATMENTS: TYPE WS1, TYPE WS2. NOTES: 1. PROVIDE (1) PER WINDOW UNIT. 2. GC SHALL SUBMIT SHOP DRAWINGS AND SAMPLES FOR APPROVAL BY ARCHITECT.

ACOUSTICAL WALL PANEL:

AP: 1" HARDSIDE FABRIC WRAPPED ACOUSTICAL WALL PANEL AS MANUFACTURED BY KINETICS NOISE CONTROL OR EQUAL FABRIC: PALETTE 2155 BY GUILFORD OF MAINE COLOR: AS PER ARCHITECT

WRITABLE WALL COVERING

- 1. WALL TALKERS WALLCOVERINGS... 2. WALL TALKERS TO BE WRITE-ABLE WITH MAGNETIC CAPABILITIES... 3. ACCESSORIES - 1 SET REQUIRED FOR EACH ROOM... 4. WARRANTY... 5. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS... 6. G.C. SHALL CLEAN / PREP MATERIAL FOR FIRST USE...



GRAPHIC VINYL DECAL

GV: GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL DESIGN AND INSTALLATION BY 71 VISUALS (831.532.6142) ON PAINTED GYP. BD. WALL. PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

RUBBER TRANSITIONS/NOSINGS

GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL DESIGN AND INSTALLATION BY 71 VISUALS (831.532.6142) ON PAINTED GYP. BD. WALL. PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

CASEWORK FINISHES

- QT-1: SOLID SURFACE AS MANUFACTURED BY WILSONART OR EQUAL... PL-1: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL... PL-2: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL... PL-3: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL... GC RESPONSIBLE FOR PROVIDING AND INSTALLING CASEWORK SHOWN IN ELEVATION 27, 28, & 29 ON A11 04 AND RECEPTION DESK DETAIL ON 11B ONLY...

FABRIC WRAPPED TACK BOARD:

FWTB: 1/2" HOMASOTE WALL BOARD BETWEEN COUNTERTOP AND UPPER CABINETS, WRAPPED WITH FABRIC. CUT TO MATCH LENGTH OF UPPER CABINETS. FABRIC: PALETTE 2155 BY GUILFORD OF MAINE COLOR: AS PER ARCHITECT TYPICAL OF ALL OFFICES (ROOM #1 THROUGH #20)

ABBREVIATIONS:

Table listing abbreviations and their corresponding full names: ACT (Acoustic Ceiling Tile), CPT (Carpet), C.M.U. (Concrete Masonry Unit), CONC. (Concrete), CWT (Ceramic Wall Tile), EPOXY, GTW (Glazed Tile Wainscot), GYP (Gypsum Board), MS. (Marble Saddle (ADA)), NA. (Not Applicable), NIC (Not in Contract), PCB (Porcelain Tile Cove Base), PFT (Porcelain Floor Tile), PLAST. (Plaster), RB. (Rubber Cove Base), RF. (Rubber Flooring), RT. (Rubber Tile), TERR. (Terrazzo), VCT (Vinyl Composition Tile), VET. (Vinyl Enhanced Tile), VINYL (Slip-Resistant Flooring), WD. (Wood), WM. (Walk Off Mat).

FINISH SCHEDULE

Large table with columns: RM. NO., LOCATION, FLOOR, BASE, WALLS, FINISH, CEILING, REMARKS. Lists room numbers and finishes for various areas like Office, Restroom, Lab, and Storage.

FINISH NOTES

- 1. ALL FINISH TYPES (STYLE/COLOR/PATTERN) SHALL CONFORM TO THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL... 2. ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER... 3. ALL WINDOWS IN AREA OF WORK ARE TO HAVE NEW SHADES OR BLINDS SUPPLIED AND INSTALLED BY GC... 4. NEW AND EXISTING DOOR FRAMES ASSOCIATED IN SCOPE OF WORK SHALL BE PREPPED AND PAINTED WITH BENJAMIN MOORE LATEX SEMI-GLOSS PAINT BY GC... 5. REFER TO FLOOR PLANS FOR TILE PATTERNS... 6. G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES... 7. BEFORE PAINTING CONCRETE SURFACES MUST CURE 30 DAYS... 8. ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH... 9. ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC... 10. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED... 11. PATCH, REPAIR AND FINISH CEILING, WALLS AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT... 12. SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER... 13. REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION... 14. DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC... 15. G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILING UNLESS OTHERWISE NOTED... 16. REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS... 17. REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS, AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION... 18. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST... 19. CONTRACTOR SHALL INSTALL PLANIPATCH PLUS BY MAPET OR APPROVED EQUAL... PRIME CONTRACTOR TO PROVIDE ALL REQUIRED SADDLES, THRESHOLDS, REDUCER STRIPS, TRANSITION STRIPS AND/OR FLAT PLATES AS REQUIRED TO PROVIDE A FINISHED, ADA COMPLIANT TRANSITION AT NUMEROUS FLOORING TRANSITIONS AND TERMINATIONS.

TYPICAL MOLDING NOTES

- 1. COORDINATE DEMOLITION AND PROPOSED DRAWINGS FOR EXTENT OF MOLDING REPLACEMENT... 2. EXISTING TRIM SHALL BE MAINTAINED WHERE INDICATED... 3. CONTRACTOR SHALL PROVIDE SOLID BLOCKING AS REQUIRED TO SUPPORT ALL MOLDINGS AND TRIM... 4. ALL MOLDINGS TO BE EITHER MAPLE OR POPLAR AS SPECIFIED... 5. REFER TO SPECIFICATION SECTION 09800 FOR ADDITIONAL INFORMATION REGARDING PAINT FOR NEW/EXISTING MOLDINGS...

GYPSON BOARD FINISHING

GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 RECOMMENDED LEVELS OF GYPSUM BOARD FINISH & 3.06 OF SPECIFICATION SECTION 09250. LEVEL 0 - FOR USE IN TEMPORARY CONSTRUCTION... LEVEL 1 - FOR USE AT PLENUM AREAS... LEVEL 2 - FOR USE AT LOCATIONS WHERE WATER-RESISTANT GYPSUM BACKING BOARD IS INSTALLED... LEVEL 3 - FOR USE IN APPEARANCE AREAS... LEVEL 4 - FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED... LEVEL 5 - FOR USE WHERE GLOSS, SEMI-GLOSS, ENAMEL OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED...

Table with columns: REV., DATE, ITEM. Shows revision history for the drawing.

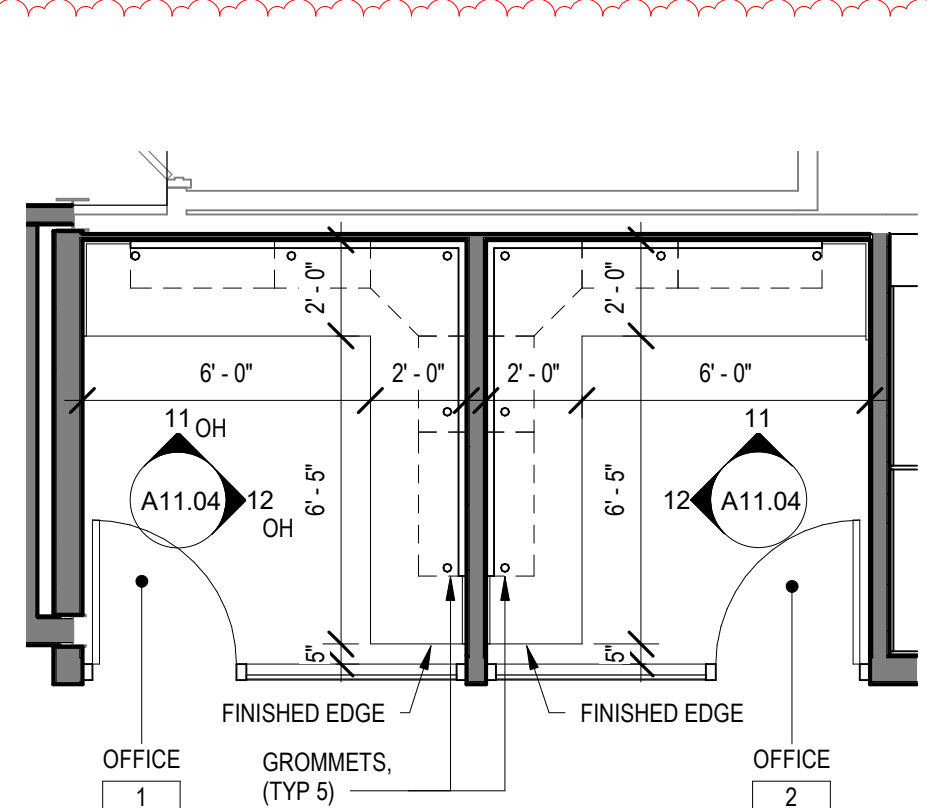
NOTICE: THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME... ALL EXISTING CONDITIONS SHALL BE REFERENCED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND STATED PER THE ORIGINAL DOCUMENTS OF THE OWNER'S INFORMATION.

BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS. BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL. 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

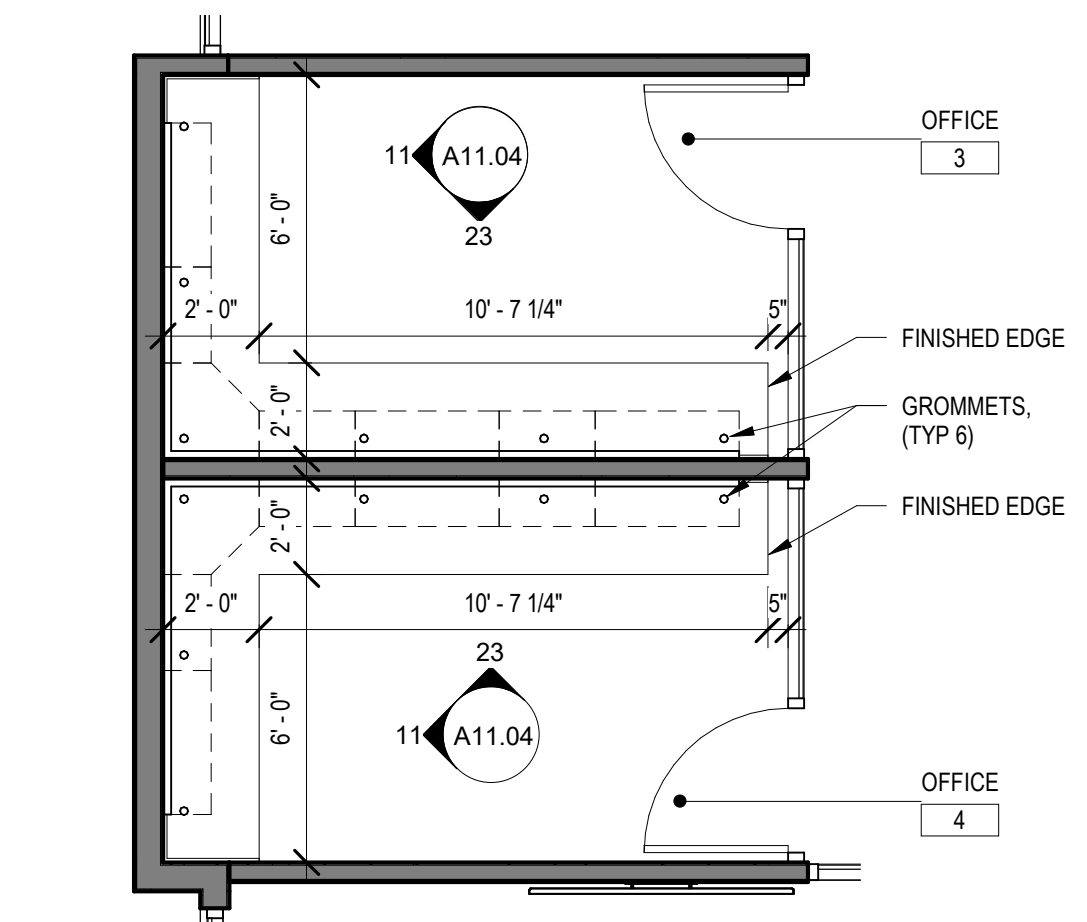
Project information including title 'FINISH SCHEDULE', project name, location, and drawing details like 'DRWG. BY: C.M.' and 'CHK. BY: G.E.O.'

BBS ARCHITECTS logo and contact information for Briarcliff Manors, including address, phone, and website.

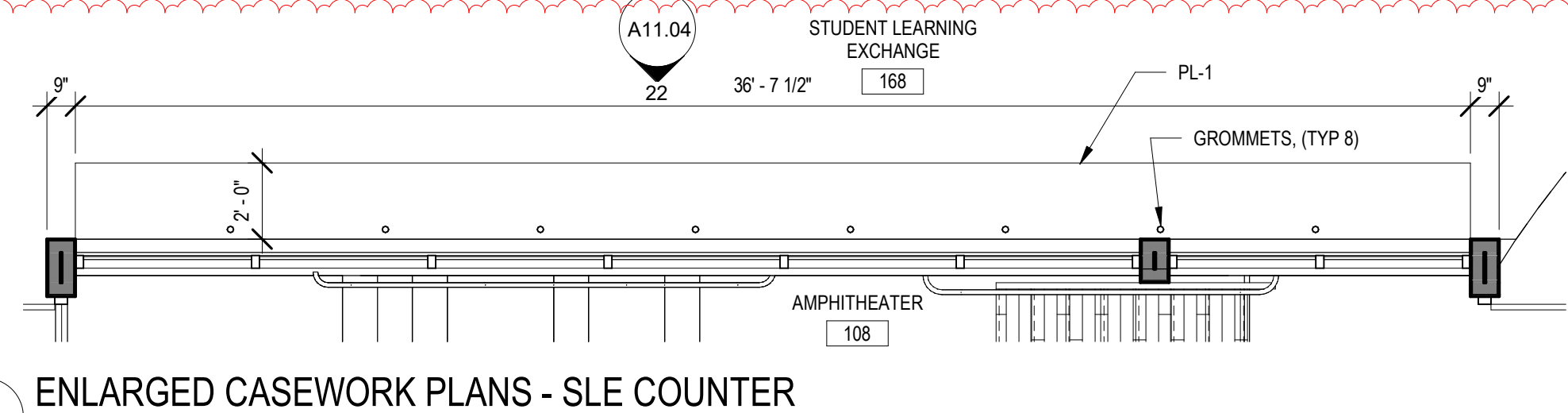
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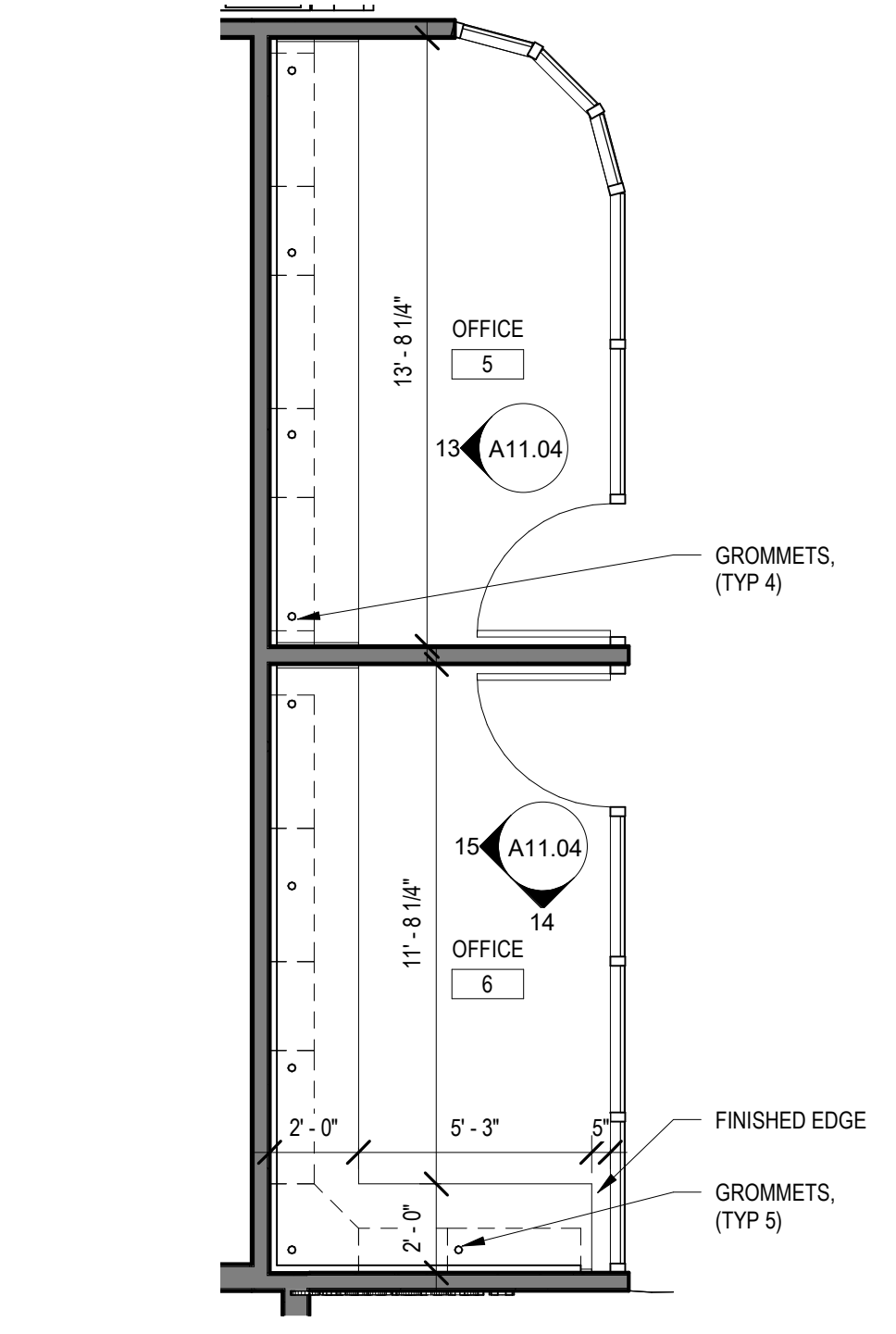
1 ENLARGED CASEWORK PLANS - OFFICE 1 & 2
SCALE: 1/4" = 1'-0"



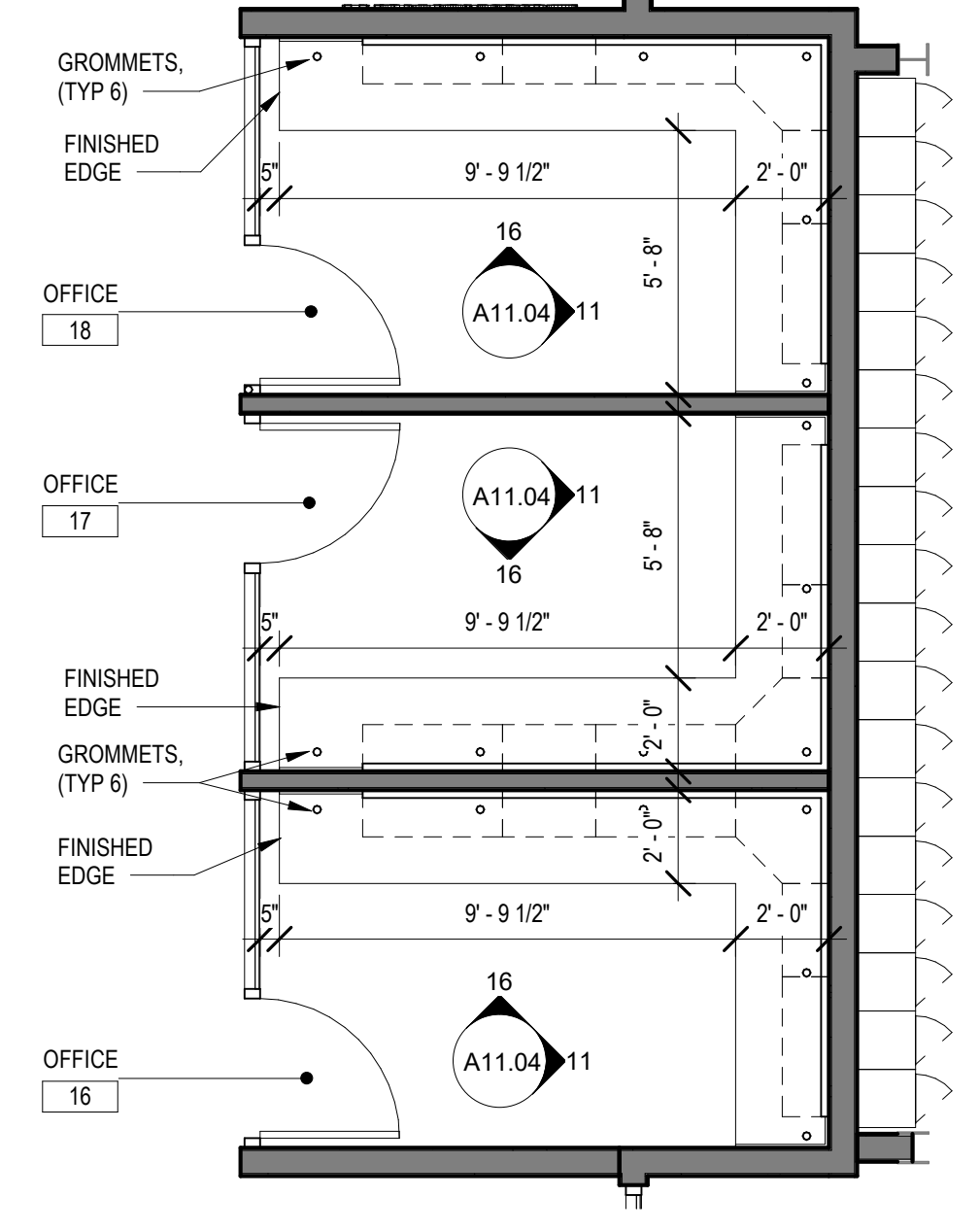
2 ENLARGED CASEWORK PLANS - OFFICE 3 & 4
SCALE: 1/4" = 1'-0"



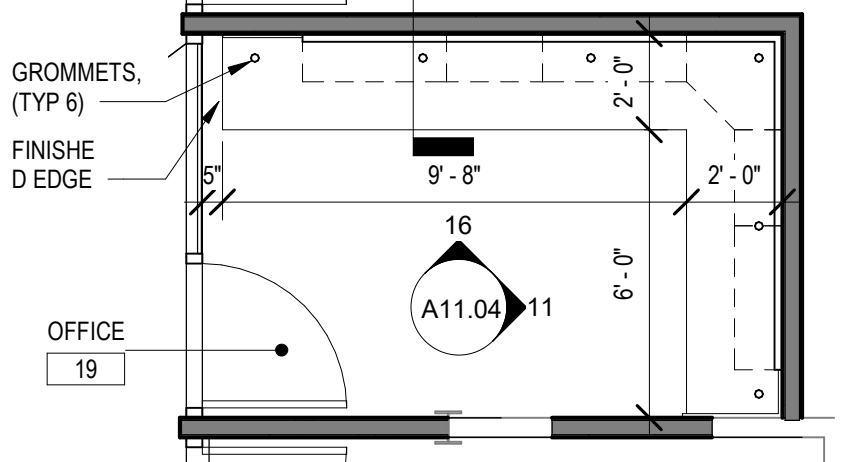
4 ENLARGED CASEWORK PLANS - SLE COUNTER
SCALE: 1/4" = 1'-0"



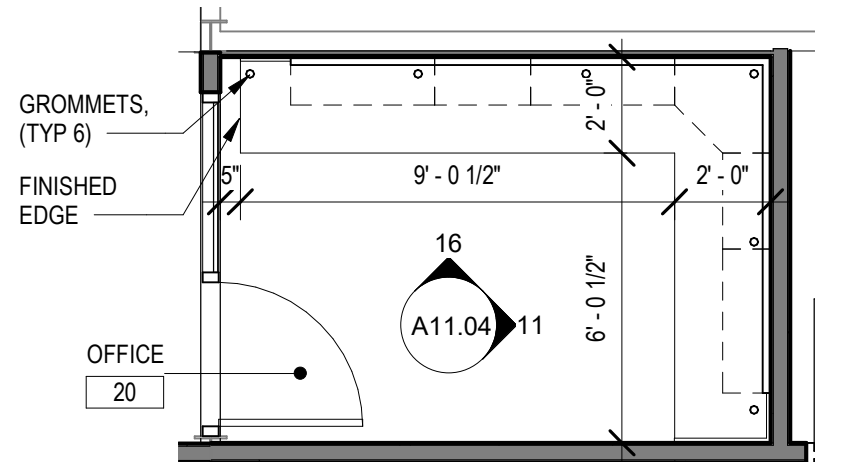
5 ENLARGED CASEWORK PLANS - OFFICE 4 & 5
SCALE: 1/4" = 1'-0"



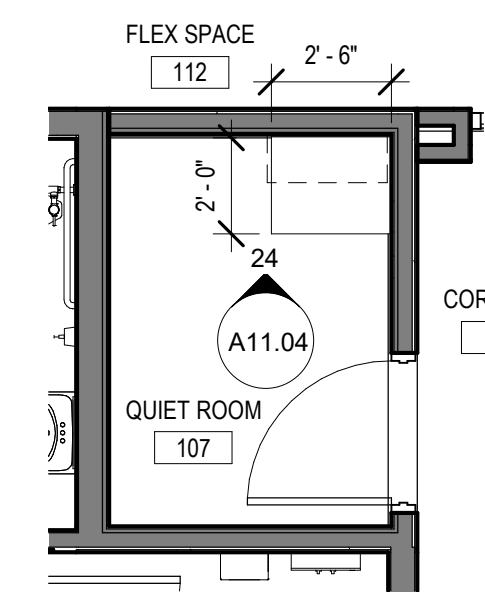
6 ENLARGED CASEWORK PLANS - OFFICE 16, 17, & 18
SCALE: 1/4" = 1'-0"



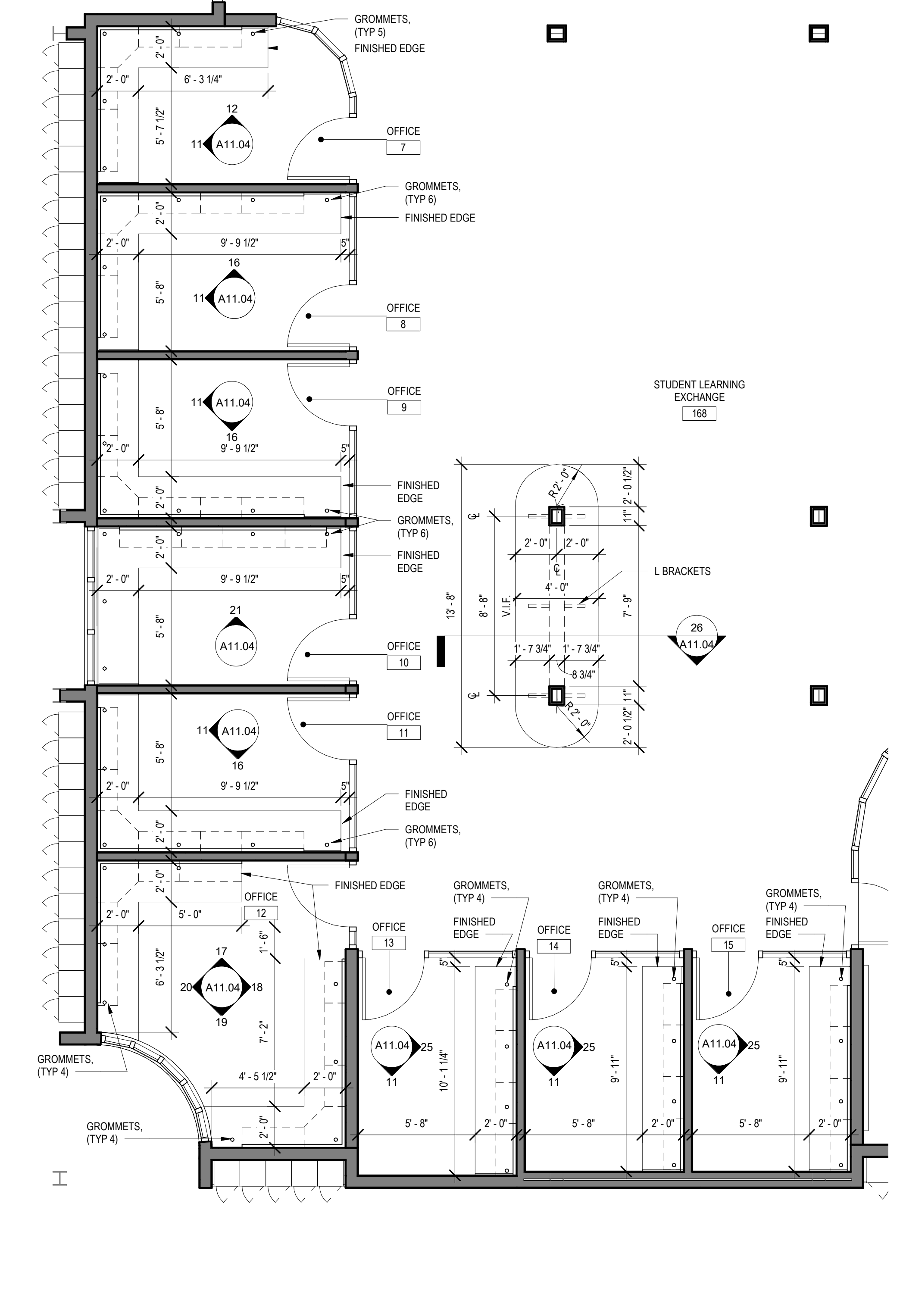
7 ENLARGED CASEWORK PLANS - OFFICE 19
SCALE: 1/4" = 1'-0"



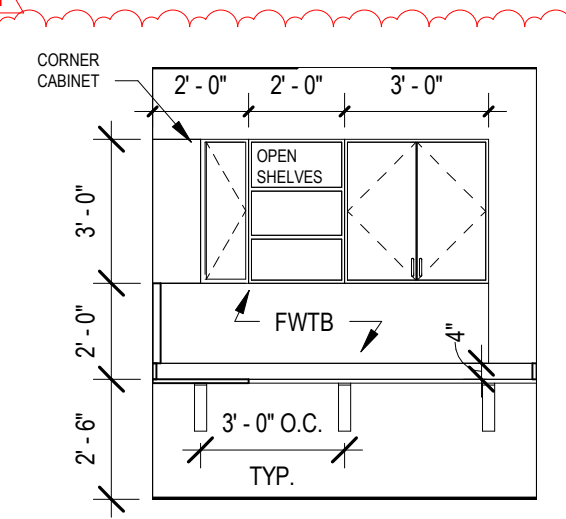
8 ENLARGED CASEWORK PLANS - OFFICE 20
SCALE: 1/4" = 1'-0"



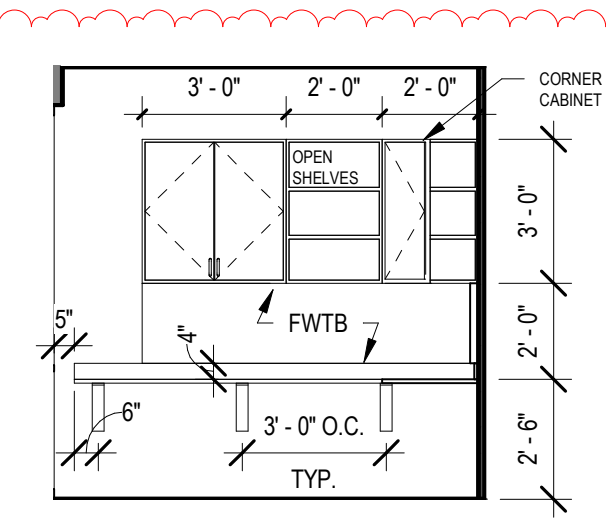
9 ENLARGED CASEWORK PLANS - QUIET ROOM
SCALE: 1/4" = 1'-0"



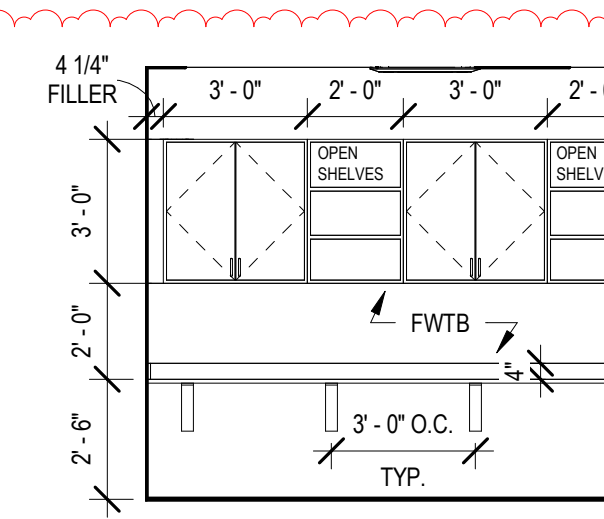
3 ENLARGED CASEWORK PLANS - OFFICE 7 THRU 15
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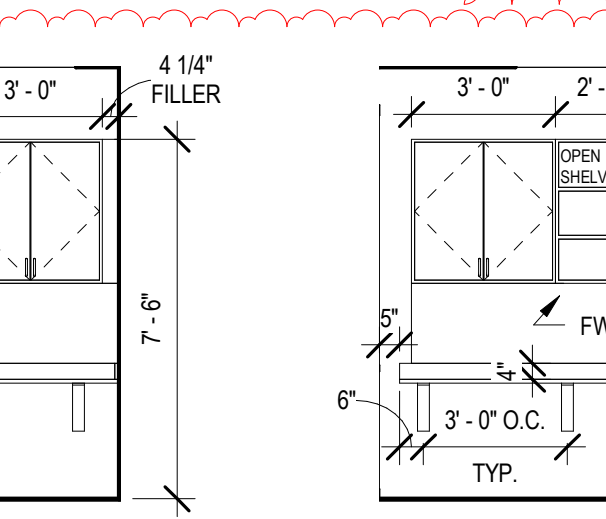
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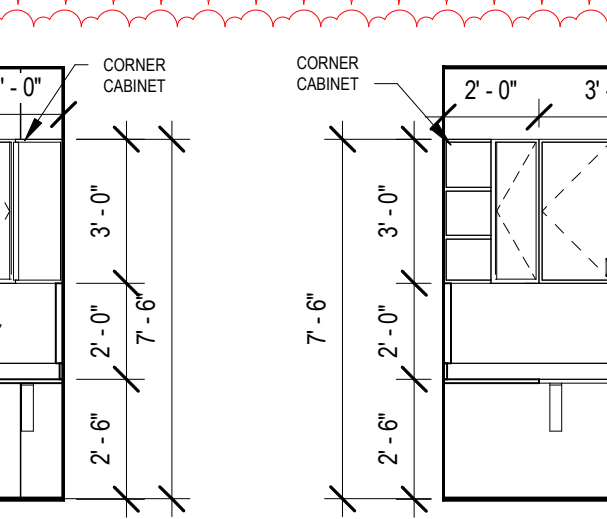
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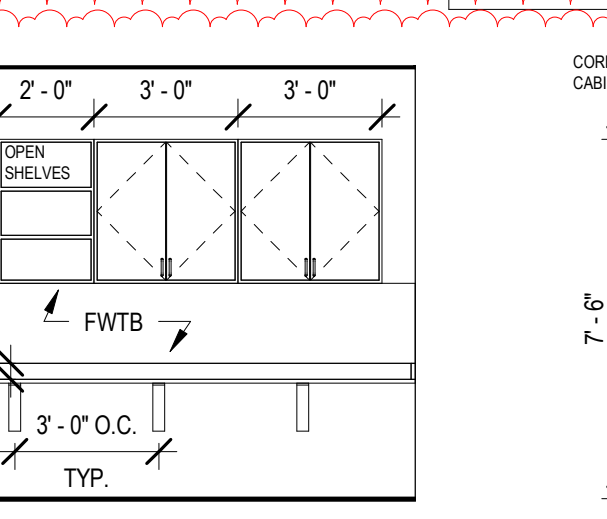
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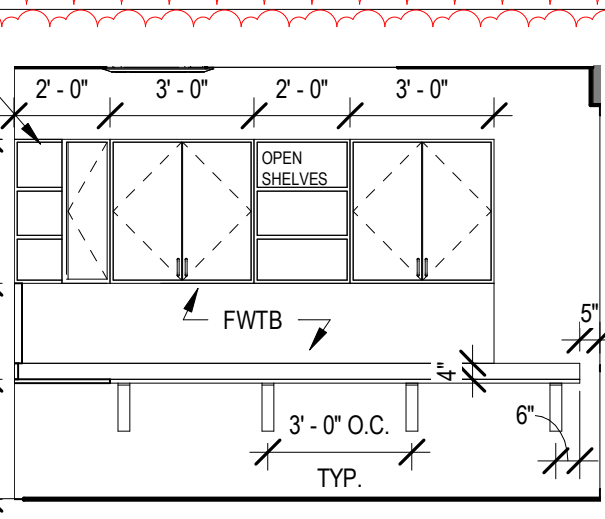
14 CASEWORK ELEVATION
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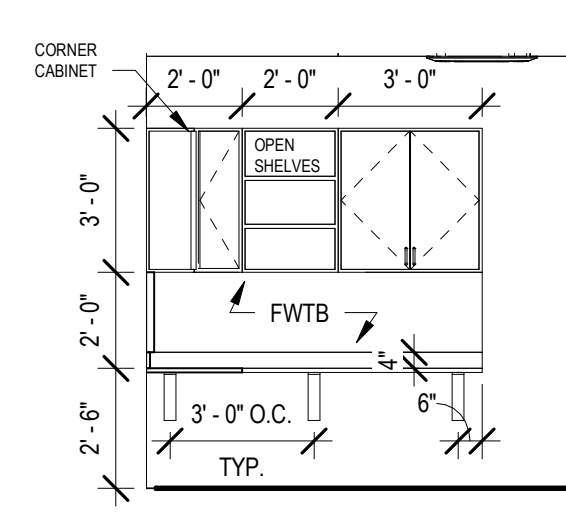
15 CASEWORK ELEVATION
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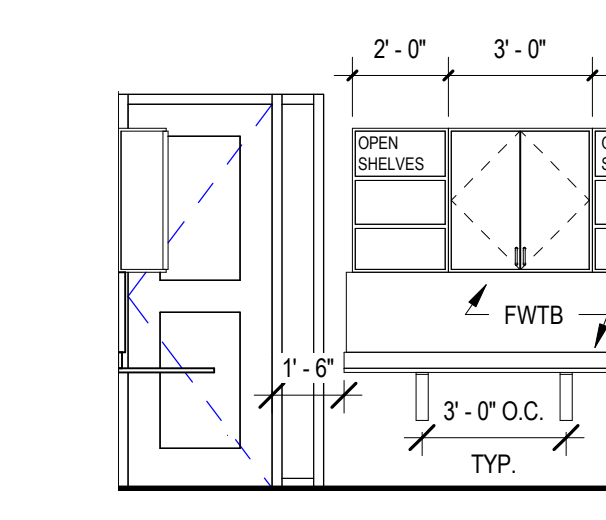
16 CASEWORK ELEVATION
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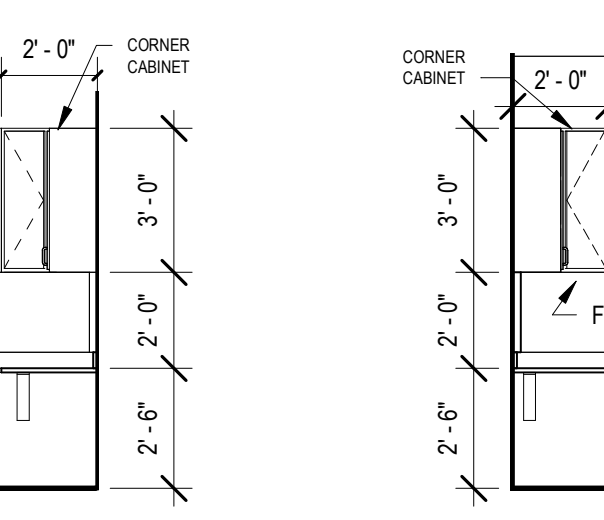
17 CASEWORK ELEVATION
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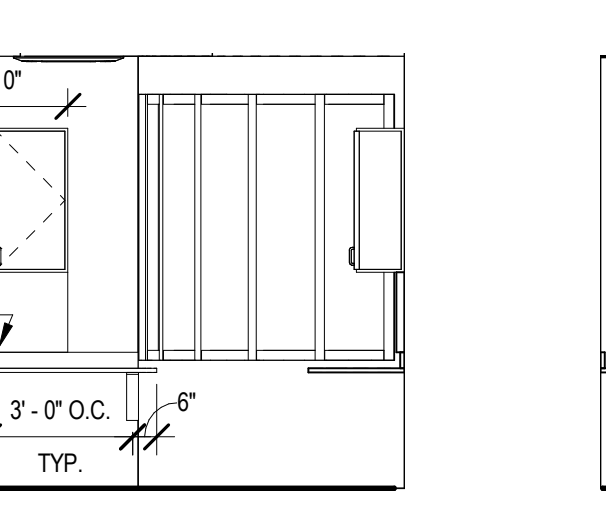
18 CASEWORK ELEVATION
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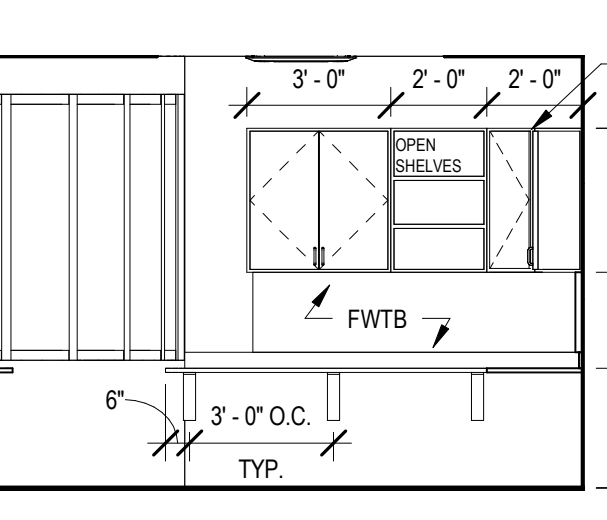
19 CASEWORK ELEVATION
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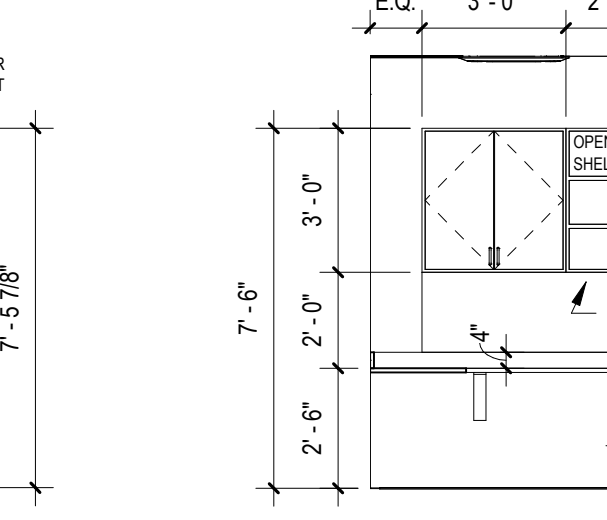
20 CASEWORK ELEVATION
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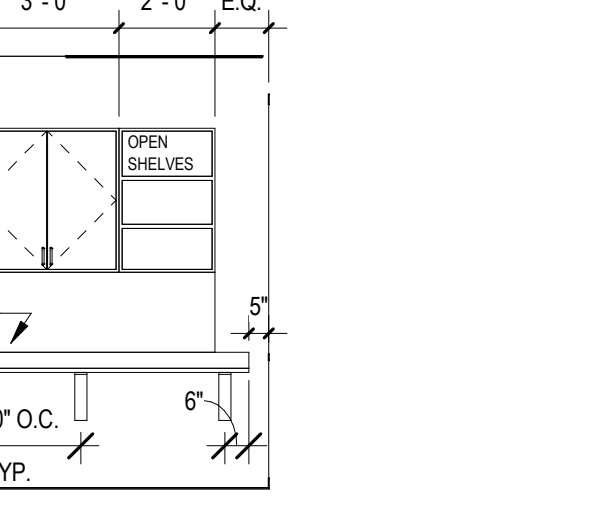
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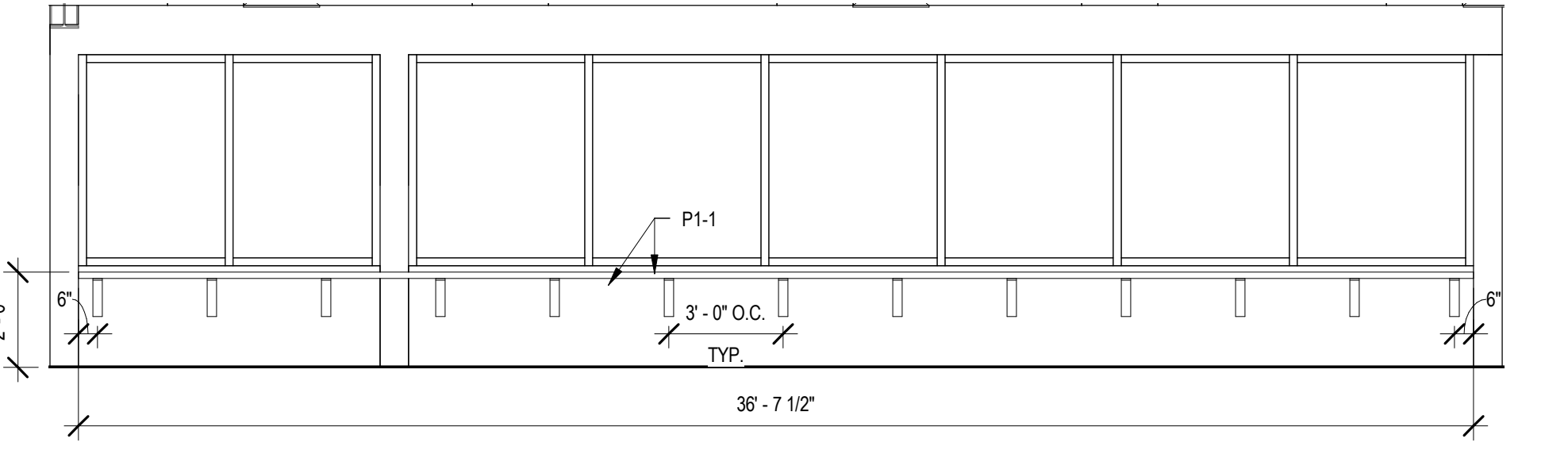
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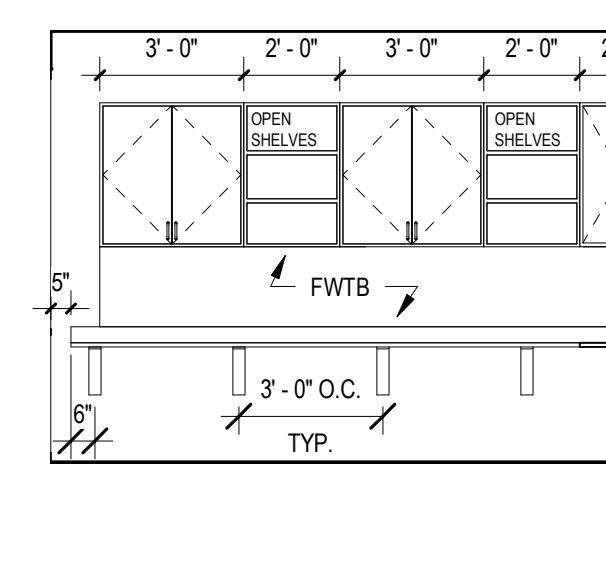
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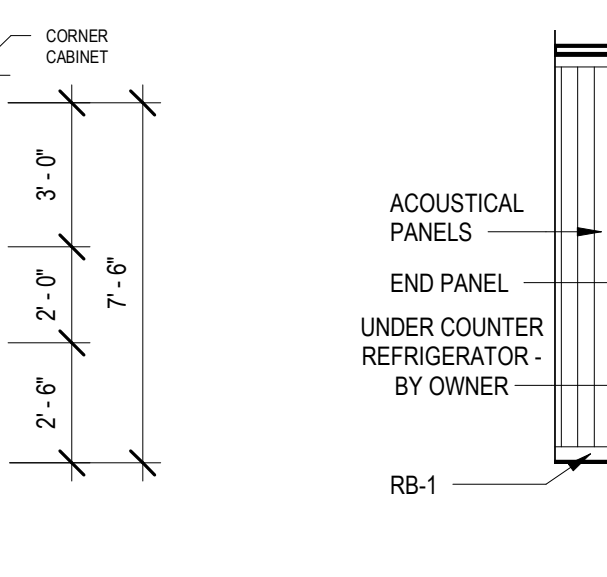
24 QUIET ROOM CASEWORK ELEVATION
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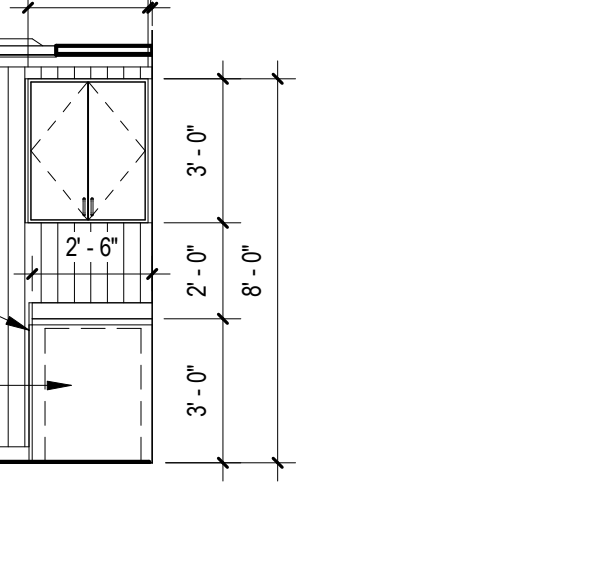
25 CASEWORK ELEVATION
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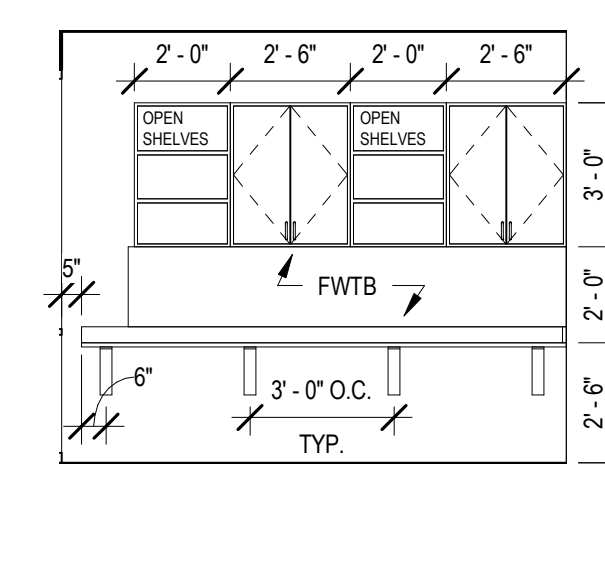
26 SECTION AT SLE COUNTER
SCALE: 3/4" = 1'-0"



27 ENLARGED CASEWORK PLANS - TECH ZONE SHELVING
SCALE: 1/4" = 1'-0"



28 CASEWORK ELEVATION
SCALE: 1/4" = 1'-0"



29 CASEWORK ELEVATION
SCALE: 1/4" = 1'-0"

CASEWORK CONSTRUCTION NOTES

- ALL CASEWORK AS OUTLINED ON THIS DRAWING IS TO BE PROVIDED AND INSTALLED BY THE CASEWORK CONTRACTOR (C.C.).
- C.C. SHALL BE RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS & BUILD TO SUIT AND TO REVIEW AND REPORT ANY DISCREPANCIES TO ARCHITECT.
- ALL PLUMBING INSTALLATIONS, CONNECTIONS, SERVICE PIPING & TRAPS SHALL BE PROVIDED & INSTALLED BY P.C. ALL ELECTRIC INSTALLATIONS, CONNECTIONS AND ELECTRICAL CONDUIT BY E.C.
- REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ON SINK, FIXTURE, FITTINGS & ELECTRICAL CONNECTIONS.
- G.C. SHALL BE RESPONSIBLE TO INSTALL ALL FLOORING, 4" RUBBER WALL BASE AT ALL NEW CASEWORK TOE KICKS AND AT ALL ADA KNEE SPACE AREAS AT SINK BASE UNITS. REFER TO FINISH SCHEDULE FOR ADDITIONAL FLOOR, WALL BASE & CEILING FINISH INFORMATION.
- C.C. SHALL FURNISH AND INSTALL FILLER PANELS, WHERE NECESSARY, TO PROVIDE A COMPLETE AND FINISHED INSTALLATION. (FILLER PANELS SHALL BE USED TO FORM CONTIGUOUS CABINETS BETWEEN ALL UNITS AND/OR ADJACENT SURFACES.)
- G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND BLOCKING AS REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF THEIR WORK.
- ALL TRADE CONTRACTORS SHALL BE RESPONSIBLE TO COORDINATE THEIR WORK WITH THE G.C.
- UNLESS OTHERWISE NOTED ALL TACK BOARDS, MARKER BOARDS SHALL BE PROVIDED AND INSTALLED BY G.C. G.C. SHALL COORDINATE WITH M.C., P.C. AND E.C. FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.
- ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE OVER 1" THICK PLYWOOD SUBSTRATE WITH 4" HIGH BACK & SIDE SPLASHES, U.O.N. IN CASEWORK SHOP DRAWINGS.
- C.C. AND E.C. SHALL COORDINATE MOUNTING LOCATIONS FOR POWER AND DATA MANAGEMENT SYSTEM TO UNDERSIDE OF COMPUTER WORKSTATIONS AND CIRCULATION DESKS; C.C. SHALL PROVIDE ALL CUTOUPS IN PANELS AS REQUIRED FOR CABLE PASSAGE BETWEEN UNITS. NO SURFACE MOUNTED INSTALLATIONS WILL BE ACCEPTED WHICH OCCUR ABOVE THE WORKSURFACE. ALL SHALL BE CONCEALED EITHER BELOW WORKSURFACE OR WITHIN CABINETS.
- C.C. SHALL SUBMIT SHOP DRAWINGS AND COLOR SAMPLES FOR APPROVAL BY ARCHITECT ACCORDING TO SPECIFICATIONS PRIOR TO FABRICATION.
- ALL WOOD BLOCKING TO BE RETARDANT (U.O.N.)
- ALL DOORS, DRAWERS, CABINETS, FILES, ETC. SHALL RECEIVE WARDEN LOCKS. (MASTERKEYED)
- FINAL MECHANICAL CONNECTIONS BY M.C. FINAL ELECTRICAL CONNECTIONS BY E.C. & FINAL PLUMBING CONNECTIONS BY P.C.

GENERAL CASEWORK/ FURNITURE NOTES

- ALL UPPER CABINETS SHALL BE 12" DEEP, U.O.N.
- ALL BASE CABINETS SHALL BE 34" TALL, U.O.N.
- ALL LOOSE FURNITURE TO BE PROVIDED BY OWNER AND N.I.C.

REV.	DATE	ITEM
1	11/28/2022	BID ADDENDUM #1
2	12/07/2022	BID ADDENDUM #2

NOTICE
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BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

ENLARGED EQUIPMENT PLANS & DETAILS

PROJECT: BBS ARCHITECTS
DWG TITLE: ENLARGED EQUIPMENT PLANS & DETAILS

DRWG. BY: C.M.
CHK. BY: G.E.O.

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REV. NO.	66-14-02-02-0-004-023
DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG. TITLE	ENLARGED EQUIPMENT PLANS & DETAILS
SCALE:	AS NOTED
DATE:	
BID PAU DATE:	11/14/2022
FILE NO.:	21-274C

A11.04 HSMS

DESIGN LOADS AND CRITERIA

- 1. DESIGN PROVISIONS: 2020 NYS BUILDING CODE BUILDING RISK CATEGORY: III TERRAIN EXPOSURE CATEGORY: B BASIC SEISMIC MAIN WIND FORCE RESISTING SYSTEM FOR SKYLIGHT ONLY: NORTH-SOUTH, STEEL MOMENT FRAMES EAST-WEST, STEEL MOMENT FRAMES
2. ROOF DEAD LOAD, 20 PSF (TYPICAL) PORTION OF ABOVE ROOF DEAD LOAD FOR MECHANICAL EQUIPMENT AND PIPING SUSPENDED FROM STRUCTURAL FRAMING, 5 PSF
CONCENTRATED LOADS SHALL BE LIMITED TO THOSE WHICH INDUCE MOMENTS AND SHEARS IN MEMBERS NOT GREATER THAN THOSE INDUCED BY THE NOTED UNIFORMLY DISTRIBUTED LOADS.
3. ROOF LIVE LOAD, 20 PSF (TYPICAL)
4. SNOW LOAD:
GROUND SNOW LOAD (Pg), 30 PSF
FLAT ROOF SNOW LOAD (Pi), 25 PSF
EXPOSURE CATEGORY: B
EXPOSURE FACTOR (Ce), 1.0
THERMAL FACTOR (Ct), 1.0
IMPORTANCE FACTOR (I), 1.1
RAIN LOAD (PONING), NOT APPLICABLE
RAIN-ON-SNOW SURCHARGE, NOT APPLICABLE
DRIFTED, UNBALANCE AND SLIDING SNOW LOADS AS INDICATED IN AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD ASCE 7-16.
5. WIND LOAD:
BASIC WIND SPEED, 123 MPH
EXPOSURE CATEGORY: B
TOPOGRAPHIC FACTOR, 1.0
HEIGHT OF MAIN ROOF, 25 FEET
6. SEISMIC LOADS:
RISK CATEGORY, III
SITE CLASS, D
SHORT-PERIOD ACCELERATION (Ss), 0.210 g
ONE-SECOND ACCELERATION (S1), 0.072 g
SEISMIC DESIGN CATEGORY, B
SEISMIC IMPORTANCE FACTOR (I), 1.25
SEISMIC RESPONSE COEFFICIENT (Cs), 0.000
RESPONSE MODIFICATION COEFFICIENT (R), 3

- STRUCTURAL MATERIALS
STRUCTURAL STEEL AND MISCELLANEOUS STEEL
ROLLED STEEL W SHAPES: ASTM A 992
ROLLED STEEL C, MC SHAPES: ASTM A 36
ROLLED STEEL PLATES, BARS, AND ANGLES: ASTM A 36
HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A 500 GRADE B OR C
STEEL PIPE: ASTM A 53, TYPE E OR S, GRADE B
HIGH-STRENGTH BOLTS: ASTM A 325 OR ASTM A 490
SHEAR CONNECTORS: ASTM A 108, GRADES 1010 THROUGH 1020 HEADED-STUD TYPE
UNHEADED ANCHOR RODS: ASTM F 1554
THREADED ANCHORS: ASTM A 36
WELD ELECTRODES: AWS E70XX
FOR CONNECTIONS, PROVIDE HIGHER GRADE OR AS REQUIRED FOR CAPACITY.

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

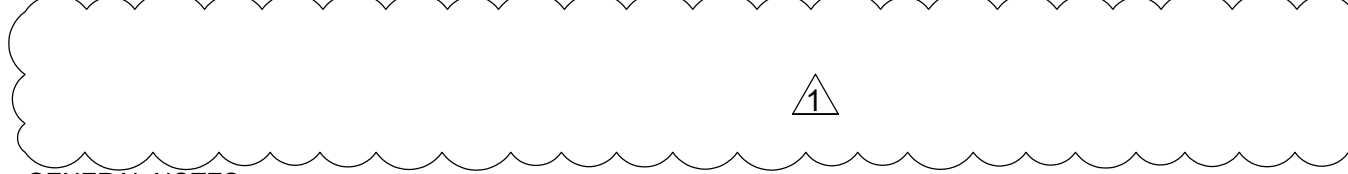
- CONCRETE
FOOTINGS, FOUNDATION WALLS, PIERS, GRADE BEAMS, MISC:
28 DAY COMPRESSIVE STRENGTH, Fc = 3,000 PSI
SLUMP: 3 TO 5 INCHES
AIR ENTRAINMENT, 5 % ± 1 %

- INTERIOR SLABS ON GRADE AND SLABS ON DECK:
28 DAY COMPRESSIVE STRENGTH, Fc = 3,500 PSI
SLUMP: 3 TO 5 INCHES
AIR ENTRAINMENT, 3 % (MAX). DO NOT ADD AIR ENTRAINING ADMIXTURE. AIR ENTRAINMENT OCCURS AS A RESULT OF MIXING.

SEE SPECIFICATIONS AND NOTES FOR ADDITIONAL INFORMATION.

- MASONRY
CONCRETE BLOCK: ASTM C 90, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR - ASTM C 270, TYPE S
UNIT MASONRY: ASTM C 90 MU, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR - ASTM C 270, TYPE S, Fm=2,000PSI
GROUT-ASTM C 476, 2,500 PSI COMPRESSIVE STRENGTH, 8 TO 10 INCH SLUMP

REINFORCING, CONCRETE OR MASONRY: ASTM A 615, GRADE 60



GENERAL NOTES:

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

CAST-IN-PLACE CONCRETE NOTES:

- 1. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, GRADE BEAMS, PIERS, AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL CONDITIONS.
2. COORDINATE CONCRETE MIX DESIGNS WITH CONCRETE MIX SCHEDULE AND DESIGN DATA NOTES.
3. LAP SPLICE CONCRETE REINFORCEMENT AS SHOWN IN BAR LAP SPLICE SCHEDULE, UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP UNLESS NOTED OTHERWISE.
4. PROVIDE CORNER BARS IN CONTINUOUS FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. LAP SPLICE WITH MAIN REINFORCEMENT AS SHOWN IN BAR LAP SPLICE SCHEDULE BUT NOT LESS THAN 2'-0".
5. EXTEND WALL FOOTING REINFORCEMENT INTO COLUMN FOOTINGS WITH A MINIMUM EMBEDMENT EQUAL TO THE MINIMUM BAR DEVELOPMENT LENGTH.
6. CAST STEPPED FOOTINGS MONOLITHICALLY.
7. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING. TERMINATED WITH ACI STANDARD 90 DEGREE HOOK. LAP SPLICE WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
8. CAST CONCRETE PIERS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
9. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS THROUGH CONCRETE MEMBERS PRIOR TO PLACING CONCRETE. PROVIDE SLEEVE OR CHASE FOR PIPING, CONDUIT, OR DUCT PENETRATIONS. CORE DRILLING IS NOT PERMITTED.
10. DO NOT LOCATE PENETRATIONS THRU THROUGH FOOTINGS. STEP FOOTINGS DOWN AS REQUIRED TO

LOCATE PENETRATION IN WALL.

- 11. DO NOT LOCATE PENETRATIONS THROUGH PIERS, COLUMNS, BEAMS OR GRADE BEAMS UNLESS SHOWN IN DRAWINGS OR ACCEPTED BY ENGINEER.
12. INSTALL EMBEDDED PIPES OR CONDUIT IN STRUCTURAL CONCRETE AS FOLLOWS:
a. ALUMINUM CONDUITS AND PIPES ARE NOT PERMITTED.
b. CONDUIT AND PIPE OUTSIDE DIAMETER SHALL NOT EXCEED 1/3 THE THICKNESS OF SLAB, BEAM OR WALL IN WHICH THEY ARE EMBEDDED.
c. SPACE CONDUIT AND PIPE A MINIMUM OF 3 DIAMETERS (WIDTHS) ON CENTER OR 4 INCHES WHICHEVER IS GREATER.
d. PROVIDE A MINIMUM OF 1 1/2 INCH COVER FOR CONCRETE EXPOSED TO EARTH OR WEATHER OR 3/4 INCH COVER OTHERWISE, UNLESS NOTED OTHERWISE.
e. REFER TO ACI 318, SECTION 6.3 FOR ADDITIONAL REQUIREMENTS.
13. CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
14. CONCRETE COVER FOR REINFORCEMENT SHALL BE AS INDICATED IN CONCRETE COVER SCHEDULE.
SLAB ON GRADE NOTES:
1. SUBGRADE BELOW SLAB ON GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT. DO NOT PLACE CONCRETE SLAB UNTIL SUBBASE AND/OR SUBGRADE HAS BEEN TESTED FOR COMPACTION AND RESULTS ARE SATISFACTORY.
2. PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
3. DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT, AT THE EXPENSE OF THE CONTRACTOR.
4. PROVIDE PROTECTION FOR THE SLAB ON GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION, AND EXCESSIVE COLD OR HOT TEMPERATURES DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE ONCE POURED OR TO ACCUMULATE MOISTURE BETWEEN THE SLAB AND VAPOR RETARDER.
5. PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
6. SLAB JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. WHERE JOINTS ARE NOT SHOWN, SEE "OPTION FOR SLAB PLACEMENT" IN DIVISION 3 SPECIFICATIONS.
7. PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND SAW-CUT JOINT FOR CONTRACTION JOINTS IN SLABS ON GRADE. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
8. REINFORCE SLABS AS NOTED ON DRAWINGS. AT PERIMETER OF SLABS, LOCATE REINFORCING 3 INCHES FROM SLAB EDGE. PROVIDE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
9. PROVIDE ONE #4 BAR, 3 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS ON GRADE.
10. THICKEN SLABS ON GRADE TO 8 INCHES. AND REINFORCE AS SHOWN ON DETAIL XXXX UNDER NONBEARING MASSIVE WALLS 6 INCHES THICK OR OVER WHERE THE WALL HEIGHT EXCEEDS 12 FEET AND UNDER STAIR STRINGER BEARINGS. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF DEPRESSED SLABS.
12. VERIFY SIZE AND LOCATION OF PLATFORMS, CURBS, OR PADS WITH MECHANICAL CONTRACTOR.
13. COORDINATE SLOPED SLABS, DRAINS, AND PENETRATIONS THROUGH SLAB WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
14. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

STRUCTURAL STEEL NOTES:

- 1. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING CONCRETE OBTAINS 75 PERCENT OF THE MATERIAL STRENGTHS NOTED IN DESIGN DATA NOTES.
2. LOCATE ROOFTOP MECHANICAL UNITS AS SHOWN. COORDINATE WITH MECHANICAL DRAWINGS. NOTIFY ENGINEER IF ACTUAL UNIT WEIGHTS EXCEED THE WEIGHTS SHOWN ON DRAWINGS.
3. WHERE BEAM SPACING IS NOT NOTED, SPACE BEAMS EQUALLY BETWEEN COLUMNS OR BETWEEN COLUMNS AND WALLS.
4. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT DETAILED, PROVIDE CONNECTION CAPACITY FOR REACTIONS SHOWN ON DRAWINGS OR, IF NOT SHOWN, BASED ON EITHER ALLOWABLE STRESS DESIGN OR LOAD AND RESISTANCE FACTOR DESIGN AS FOLLOWS.
A. AT LEAST 50 PERCENT OF THE ALLOWABLE UNIFORM LOAD FROM ALLOWABLE UNIFORM LOAD TABLES IN AISC ASD MANUAL, PART 2, FOR THE GIVEN STEEL MEMBER.
B. AT LEAST 50 PERCENT OF THE MAXIMUM TOTAL FACTORED UNIFORM LOAD FROM MAXIMUM TOTAL FACTORED UNIFORM LOAD TABLES IN AISC LRFD MANUAL, PART 5, FOR THE GIVEN STEEL MEMBER.
C. FOR BEAMS AND GIRDERS WITH SHEAR CONNECTORS, PROVIDE CONNECTION CAPACITY OF AT LEAST 70 PERCENT OF THE UNIFORM LOAD VALUES (ASD OR LRFD, AS APPROPRIATE), UNLESS INDICATED OTHERWISE ON DRAWINGS.
D. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
5. PROVIDE HOT DIP GALVANIZED FASTENERS FOR GALVANIZED FRAMING CONNECTIONS AND STAINLESS STEEL FASTENERS FOR STAINLESS STEEL FRAMING CONNECTIONS.
6. FABRICATE AND ERECT STEEL IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
7. SLOPE ROOF STEEL UNIFORMLY BETWEEN ELEVATIONS SPECIFIED ON PLANS.
8. REMOVE ALL PAINT AND OTHER DEBRIS FROM STEEL PRIOR TO FIELD WELDING TO STRUCTURE. FIELD WELDS AND ADJACENT AREAS SHALL BE FIELD PRIMED AFTER INSPECTED.
9. ALL SAFETY REGULATION AND PRECAUTIONS WITH REGARDS TO FIELD WELDING SHALL BE COMPLIED WITH TO PROTECT EXISTING CONSTRUCTION TO REMAIN, FINISHES, AND ON SITE WORKERS (SCREENS & BARRIERS).
10. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL A MINIMUM SIZE FILLET WELD IN ACCORDANCE WITH AWS STANDARDS. THE ACTUAL SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS.
11. BACKER BARS AT COMPLETE JOINT PENETRATION WELDS MUST BE REMOVED IF "R" IS GREATER THAN 3 OR IF STEEL IS "AESS".
12. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW BY ENGINEER. USE DOUBLE ANGLE SHEAR CONNECTIONS WITH 3/4" DIAMETER ASTM A325 BOLTS WITH AT LEAST THE FOLLOWING NUMBER OF BOLT ROWS:
BEAM SIZE NUMBER OF BOLT ROWS
W8, W10 2
W12, W14, W16 3
W18, W21, W24 4
13. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT UNLESS INDICATED IN STRUCTURAL DRAWINGS.
14. BOLTED CONNECTIONS SHALL UTILIZE TYPE 3 ASTM A 325 BOLTS. UNO. ALL CONNECTIONS SHALL BE INSTALLED SNUG TIGHT.
15. REMOVE BURRS, DIRT, AND OTHER FOREIGN MATERIALS FROM FRAYING SURFACES AND SURFACES ADJACENT TO BOLT HEADS AND NUTS. BURRS LESS THAN OR EQUAL TO 1/16" IN HEIGHT ARE PERMITTED TO REMAIN ON FAYING SURFACES.
16. FABRICATE BOLTED CONNECTIONS WITH STANDARD SIZED HOLES, UNLESS NOTED OTHERWISE.
17. COMPLY WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTED CONNECTIONS.

SHEET LIST table with columns SHEET NUMBER and SHEET NAME. Rows include S0.01 DESIGN DATA AND GENERAL NOTES, S0.02 SPECIAL INSPECTION NOTES AND SCHEDULE, S1.00 FOUNDATION PLAN, S1.01 ROOF FRAMING PLAN, S3.0 CONCRETE SECTIONS AND DETAILS, S5.0 STEEL SECTIONS AND DETAILS.

CONCRETE COVER SCHEDULE table with columns LOCATION and COVER. Rows include CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND (3"), CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND (#8 BARS AND LARGER: 2", #5 BARS AND SMALLER: 1 1/2"), CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND (SLABS, WALLS, JOIST: 3/4", BEAMS, GIRDERS, COLUMNS, AND PIERS: 1 1/2").

CLASS B TENSION LAP SPLICE SCHEDULE table with columns BAR SIZE, TOP BAR, OTHER BAR, BAR SIZE, TOP BAR, OTHER BAR. Includes sub-headers for fc = 3,000 PSI and fc = 4,000 PSI.

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

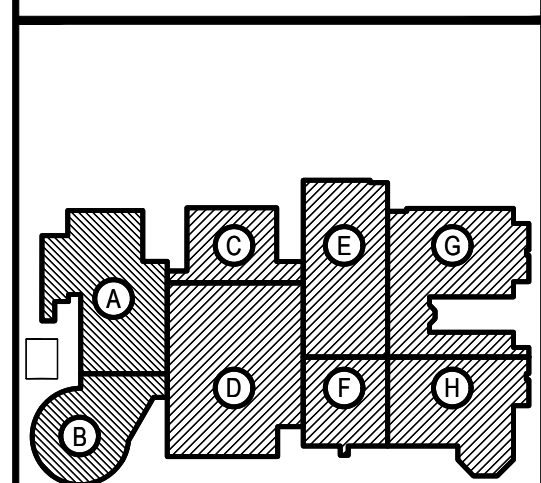
CONCRETE MIX table with columns APPLICATION, EXPOSURE, Fc, MAXIMUM W/C RATIO, AIR CONTENT, NOMINAL MAX AGGREGATE SIZE (NOTE 4). Rows include FOOTINGS, EXT SLAB ON GRADE, SLAB ON GRADE, FOUNDATION WALLS, SITE WALLS, SLAB ON DECK, PIERS.

- NOTES:
1. EXPOSURE CATEGORIES AND CLASSES FOR SULFATES, PERMEABILITY AND CORROSION PROTECTION OF REINFORCEMENT IS CLASS ZERO UNLESS NOTED OTHERWISE.
2. WHERE NO MAXIMUM WATER TO CEMENT RATIO IS NOTED, PROPORTION WATER TO CEMENT RATIO FOR SPECIFIED CONCRETE MIX DESIGN STRENGTH.
3. DO NOT AIR ENTRAIN INTERIOR SLABS ON GRADE OR SLABS ON METAL DECK. AIR ENTRAINMENT IS NOT PERMITTED FOR CONCRETE TO RECEIVE HARD TROWEL FINISH AND ENTRAPPED AIR SHALL NOT EXCEED 2%. SLABS SHALL BE FINISHED TO AVOID SURFACE IMPERFECTIONS, INCLUDING BLISTERING AND DELAMINATION.
4. COARSE AGGREGATE SHALL BE ASTM C33 MEETING GRADATION REQUIREMENTS TYPE 57 FOR 1-INCH MAXIMUM AGGREGATE SIZE AND TYPE 67 FOR 3/4-INCH MAXIMUM AGGREGATE SIZE.
5. MAXIMUM CONCRETE UNIT WEIGHT NOT TO EXCEED 150 POUNDS PER CUBIC FEET.

ABBREVIATIONS table listing various construction terms and their abbreviations. Columns include ADDL, ADJ, APPROX, ARCH, AESS, B/, BLDG, BKLG, BP, BRG, BTWN, CANT, CIP, CJ, CL, CLR, CMU, COL, CONC, CONT, CFMF, COORD, DET, DIA, DIM, DN, DO, DWLS, DWG, EA, EF, ES, EL, ELEV, ELEV, EOS, EOD, EQ, EQUIP, EW, EXIST, EXT, EIFS, EXP and their corresponding abbreviations.

REV. DATE ITEM table with rows for revision 1 on 12-02-22 for ADDENDUM #2.

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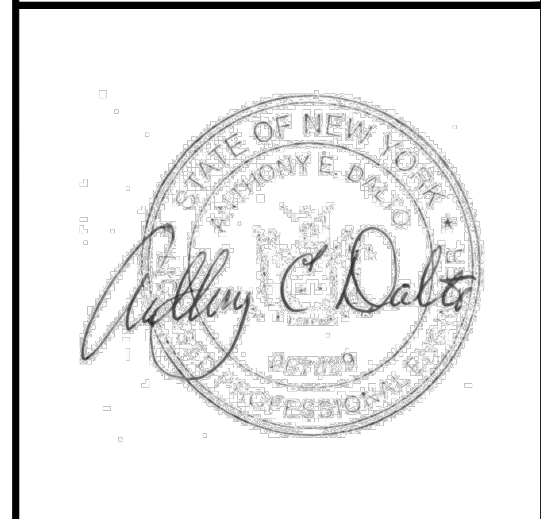


KEY PLAN
NOT TO SCALE

DESIGN DATA AND GENERAL NOTES
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROJECT
DRAWING BY: AED
CHECK BY: ...
NOTICE
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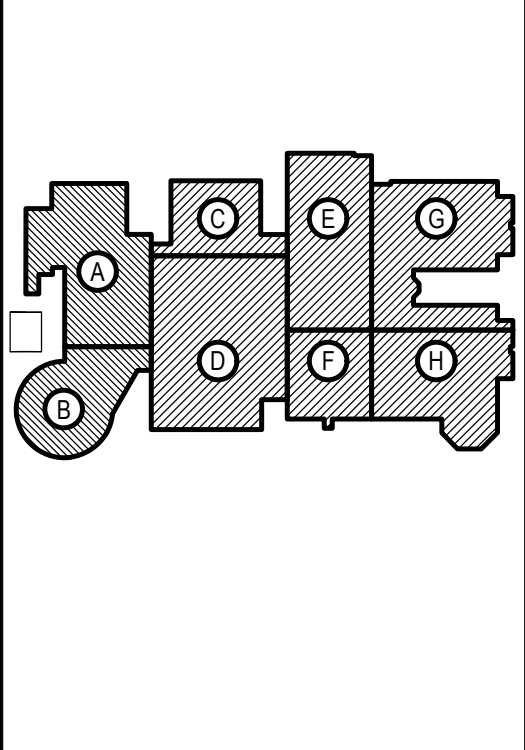


SED No. 66-14-02-02-0-004-023
DISTRICT BRIARCLIFF MANOR USFD
PROJECT PHASE 2 BOND IMPROVEMENTS
DWS TITLE DESIGN DATA AND GENERAL NOTES
SCALE: AS NOTED
DATE:
BID PICK UP: 11/14/22
FILE No: 21-274C

S0.01

REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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KEY PLAN
 NOT TO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PARTIAL FOUNDATION PLAN

DRAWING BY: AED
 CHECK BY: ...

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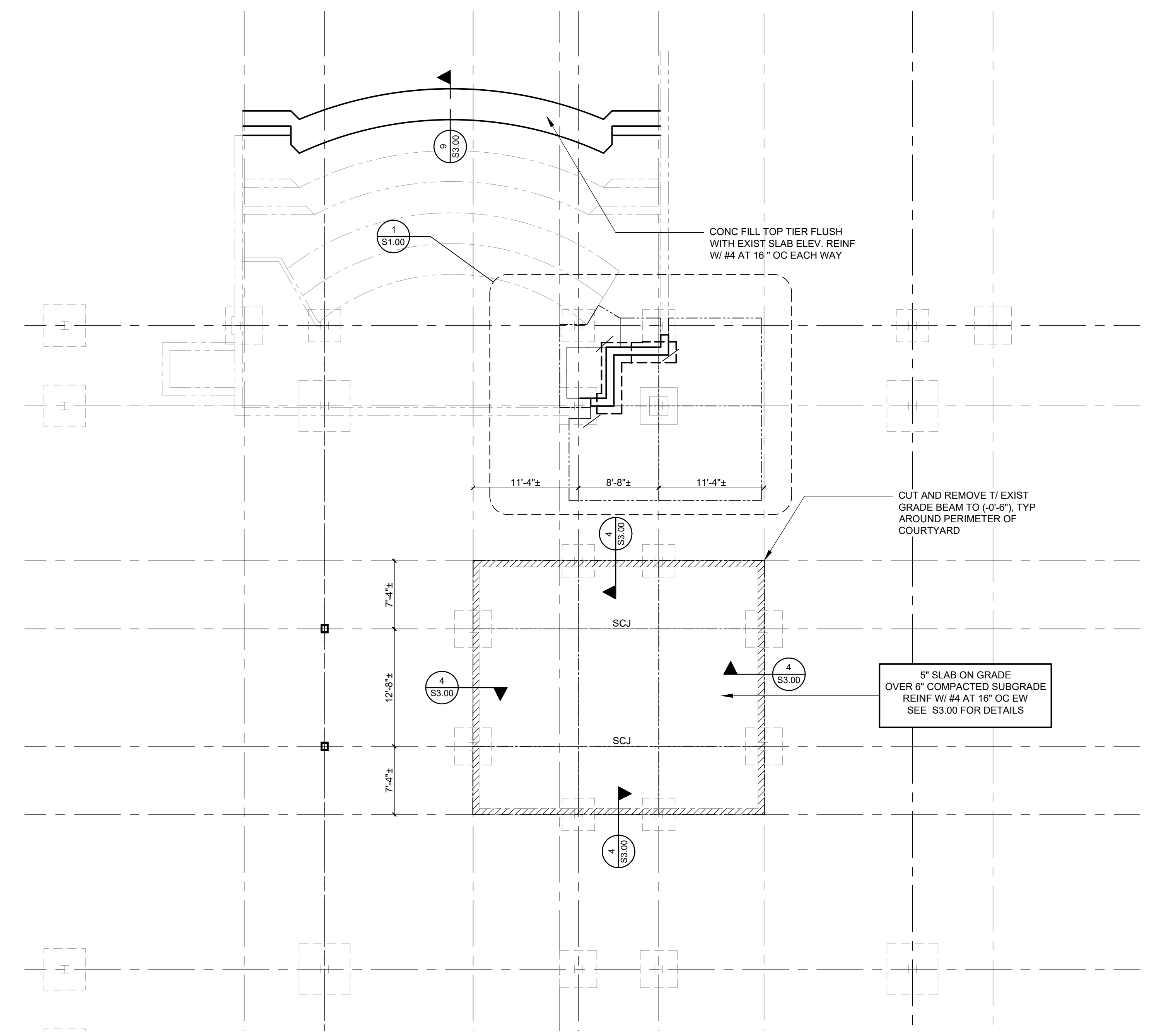
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SED No: 66-14-02-0-004-023
 DISTRICT: BRIARCLIFF MANOR UFSD
 PROJECT: PHASE 2 BOND IMPROVEMENTS
 DWG TITLE: PARTIAL FOUNDATION PLAN
 SCALE: AS NOTED
 DATE: 11/14/22
 BID PICK UP: 21-274C
 FILE No: 21-274C

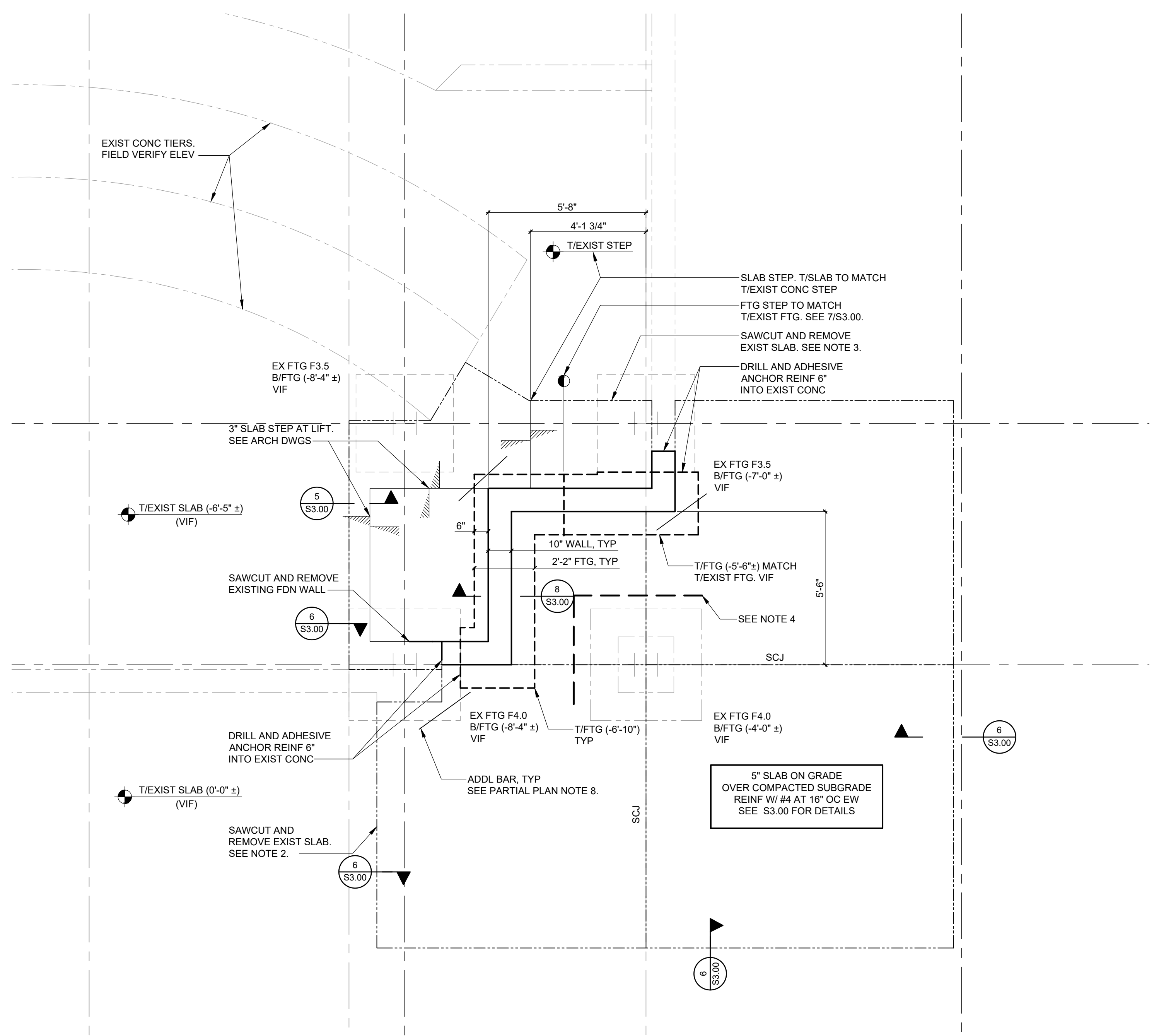
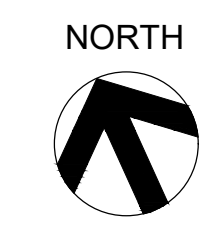
FOUNDATION PLAN LEGEND

- FF** INDICATES FOOTING TYPE OR DESIGNATION.
- PF** INDICATES PIER TYPE OR DESIGNATION. SEE DRAWING 1/S302 FOR PIER DETAILS.
- HIGH** INDICATES STEPPED FOOTING LOCATION AND ASSOCIATED T/FOOTING ELEVATIONS.
- LOW** INDICATES TOP OF CONCRETE WALL TO BE REMOVED TO (-0'-6") BELOW TOP OF EXISTING SLAB. SEE DETAIL 4/S3.00 FOR ADDITIONAL INFORMATION.
- SCJ** INDICATES SLAB CONTROL OR CONTRACTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS. SEE TYPICAL DETAILS ON DRAWING S300 FOR MORE INFORMATION.



PARTIAL FOUNDATION PLAN

- 1/8" = 1'-0"
- NOTES:**
- T/SLAB ELEVATION (292'-0" ±) EQUALS REFERENCE ELEVATION (0'-0").
 - ELEVATIONS NOTED THUS () ARE WITH RESPECT TO (0'-0").
 - SEE 2/S3.00 AND 3/S3.00 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
 - DRILL AND GROUT SLAB REINFORCING 4" INTO EDGE OF EXISTING SLAB AT COURTYARD SLAB INFILL AREA.
 - PROVIDE (1)MAX(4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON GRADE.
 - SEE S0.01 AND S0.02 FOR ADDITIONAL NOTES.
 - SEE S1.00 FOR FOUNDATION PLAN LEGEND.



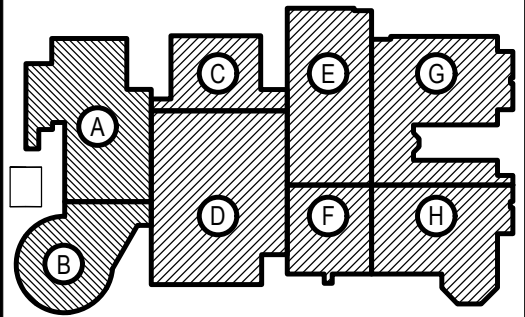
1 PARTIAL FOUNDATION PLAN AT LIFT

- SCALE: 3/8" = 1'-0"
- NOTES:**
- SEE PARTIAL FOUNDATION PLAN NOTES THIS DRAWING FOR ADDITIONAL INFORMATION.
 - SAWCUT AND REMOVE AS REQUIRED TO LAYBACK EXCAVATION AND INSTALL RETAINING WALLS AND FOOTINGS. DO NOT UNDERMINE EXISTING SLAB. REPLACE SLAB ON GRADE AFTER FOUNDATION WORK IS COMPLETE.
 - SAWCUT AND REMOVE LOWER AMPHITHEATER SLAB FOR LIFT INSTALLATION. COORDINATE EXTENT WITH ARCHITECTURAL DRAWINGS. PROVIDE EXCAVATION SHORING OR SHEETING AS REQUIRED TO PREVENT UNDERMINING EXISTING FOOTING.



REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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KEY PLAN
 NOT TO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PARTIAL ROOF FRAMING PLAN AND
 HIGH ROOF FRAMING PLANS

DRAWING BY: AED
CHECK BY: ...

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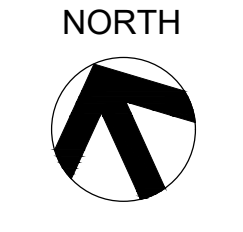
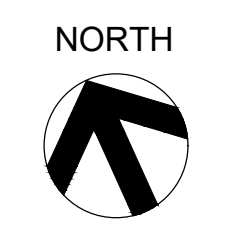
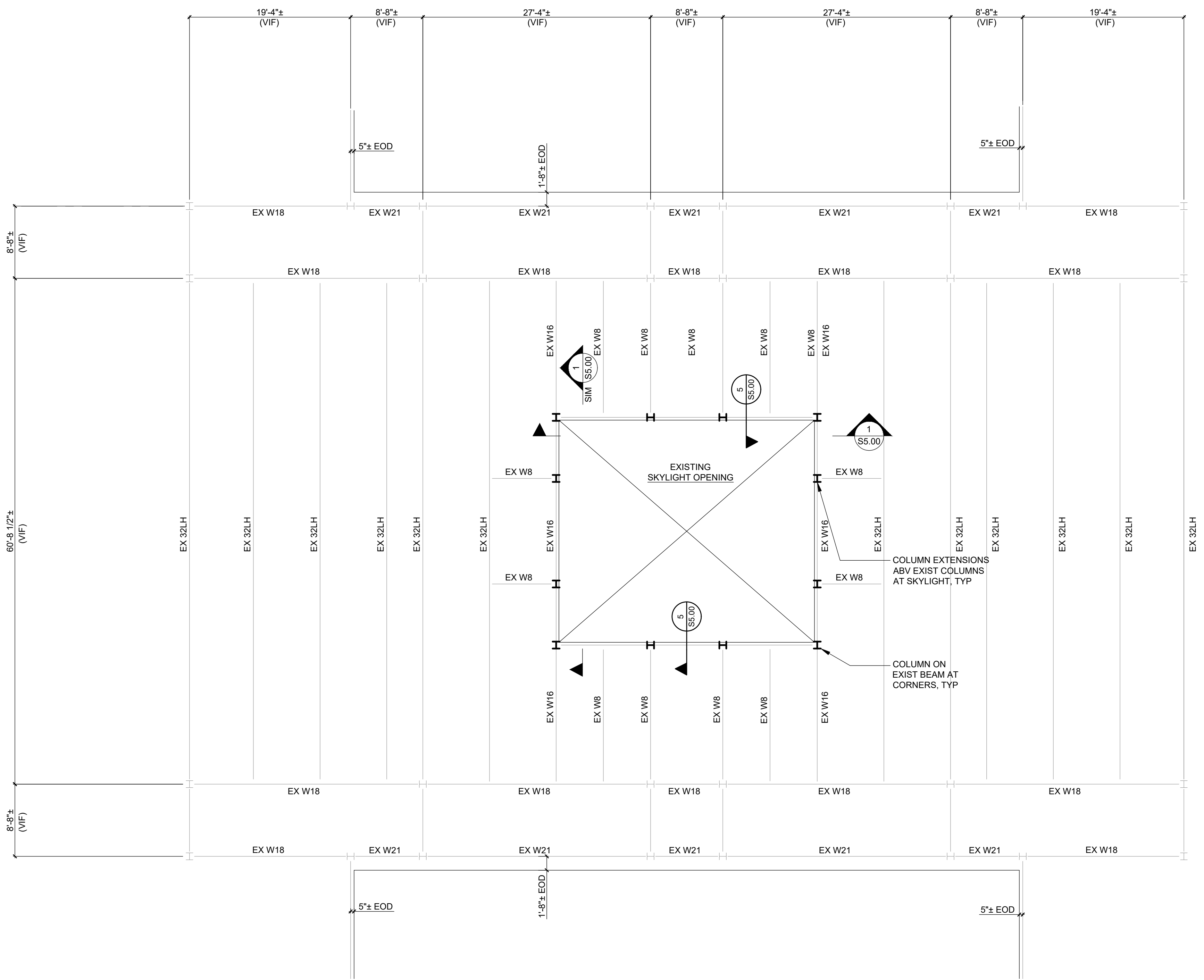
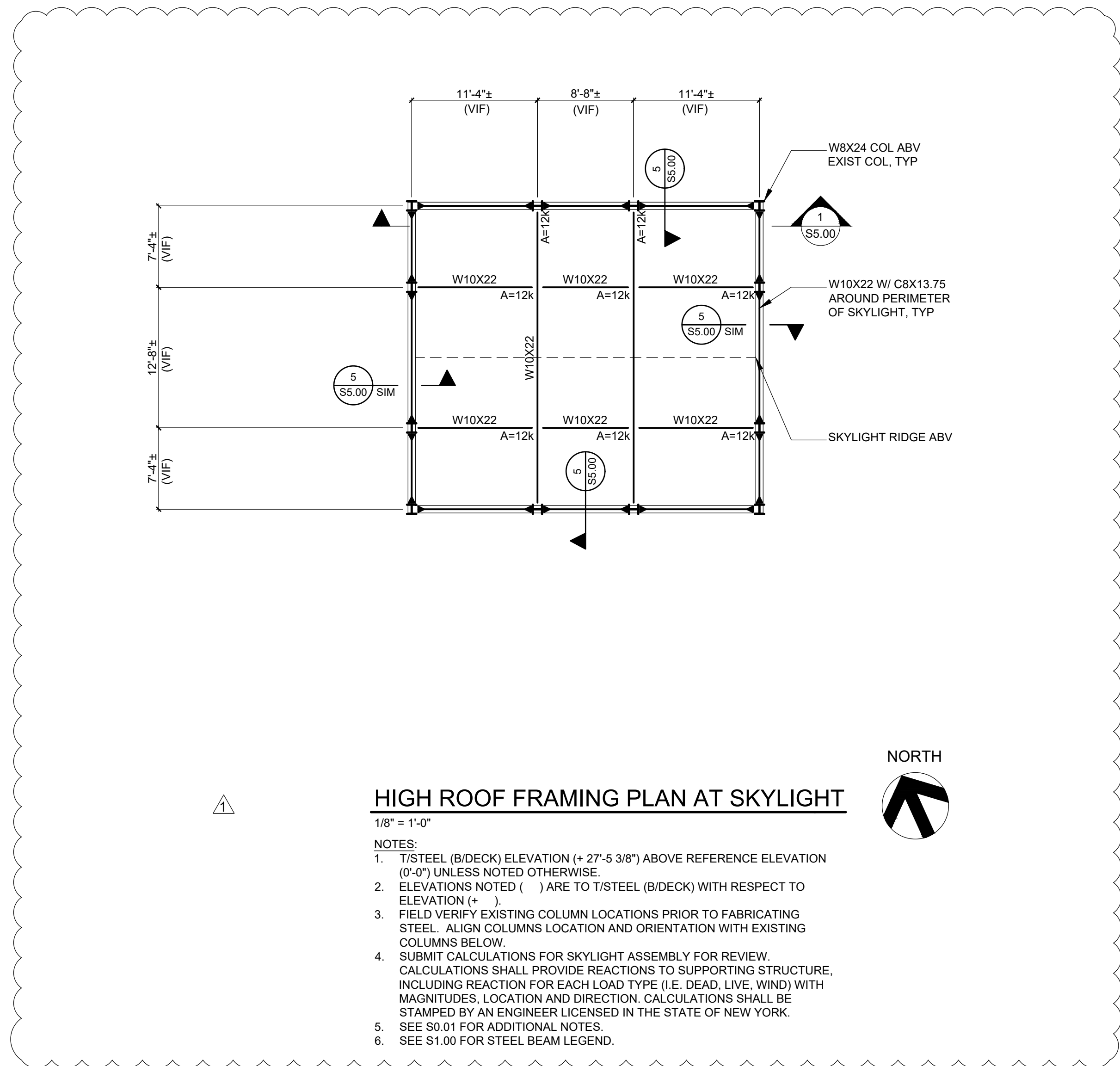
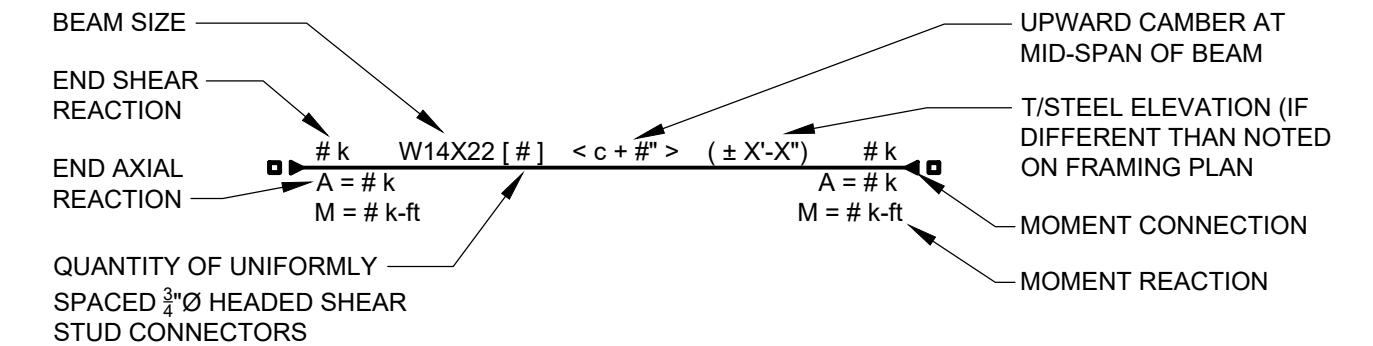
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SED No.: 66-14-02-02-0-004-023
DISTRICT: BRIARCLIFF MANOR UFSD
PROJECT: PHASE 2 BOND IMPROVEMENTS
DWG TITLE: PARTIAL ROOF FRAMING AND HIGH ROOF FRAMING PLANS
SCALE: AS NOTED
DATE:
BID PICK-UP: 11/14/22
FILE No.: 21-274C

S1.01

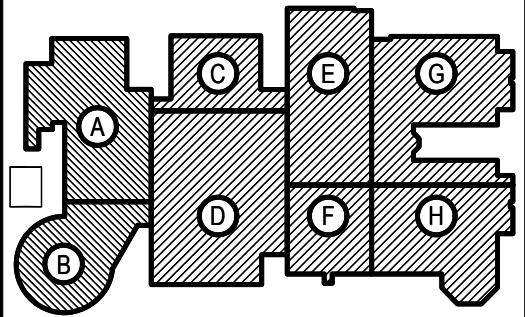
- FRAMING PLAN LEGEND**
- EOD INDICATES THE EDGE OF DECK.
 - RD INDICATES LOCATIONS AND DIRECTION OF SPAN FOR METAL ROOF DECK.
 - SLOPE SPECIFIES DIRECTION OF DOWNWARD ROOF DECK SLOPE.
 - RD INDICATES ROOF DRAIN. PROVIDE METAL DECK EDGE SUPPORT FRAMING AT PERIMETER. SEE ROOF OPENING FRAMING DETAIL FOR MORE INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
 - MC-X INDICATES LOCATION OF ROOF OPENING. PROVIDE EDGE SUPPORT FRAMING AT PERIMETER (TYP UNO). SEE ROOF OPENING FRAMING DETAIL FOR INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
 - MC-X DESIGNATES LOCATION AND TYPE OF MOMENT CONNECTION



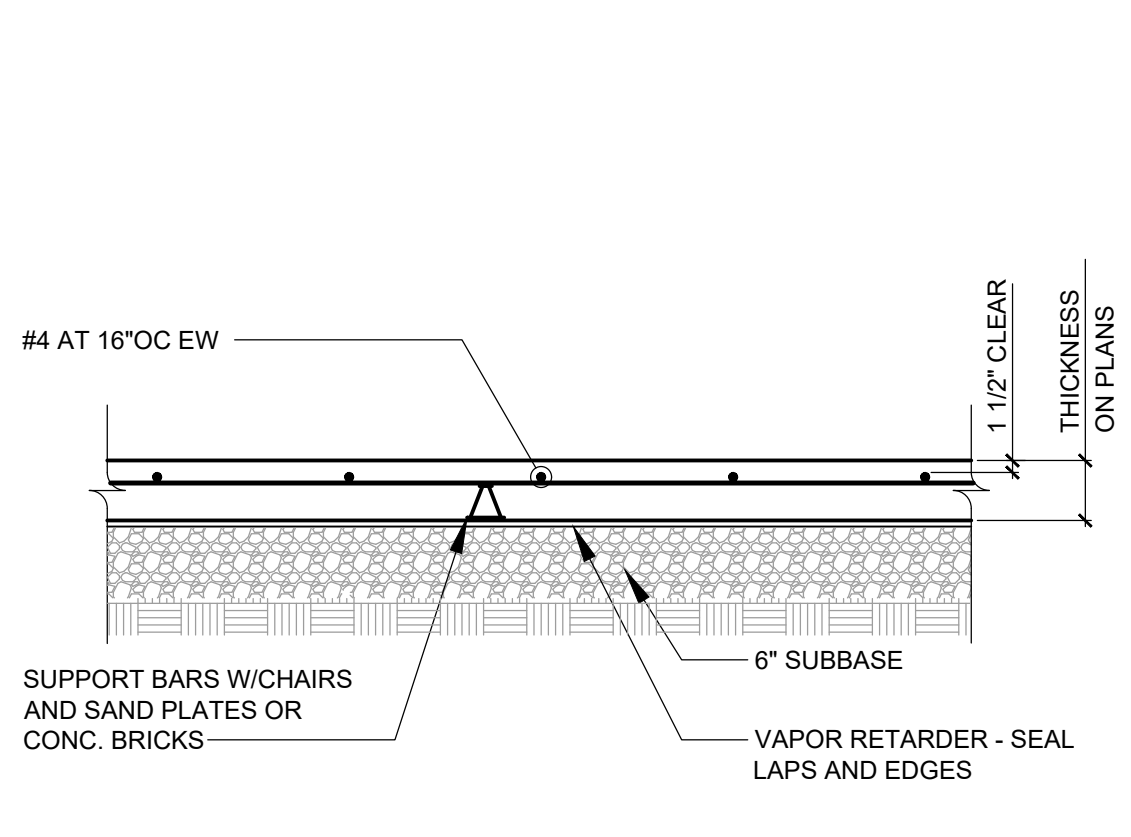
REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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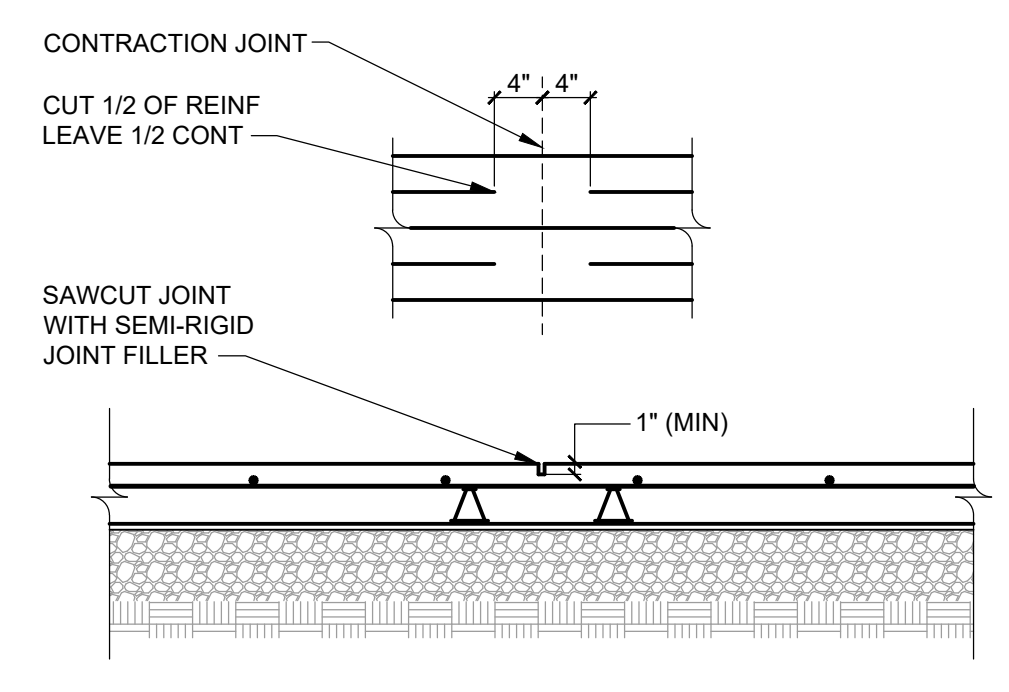
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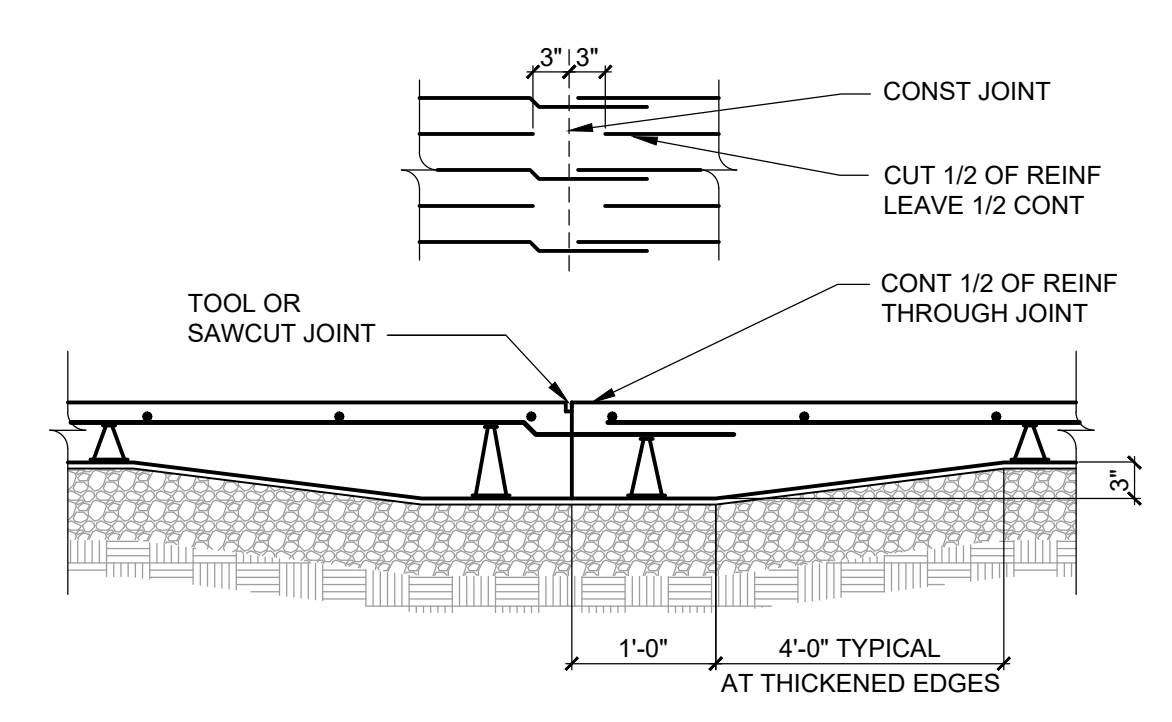
KEY PLAN
 NOT TO SCALE



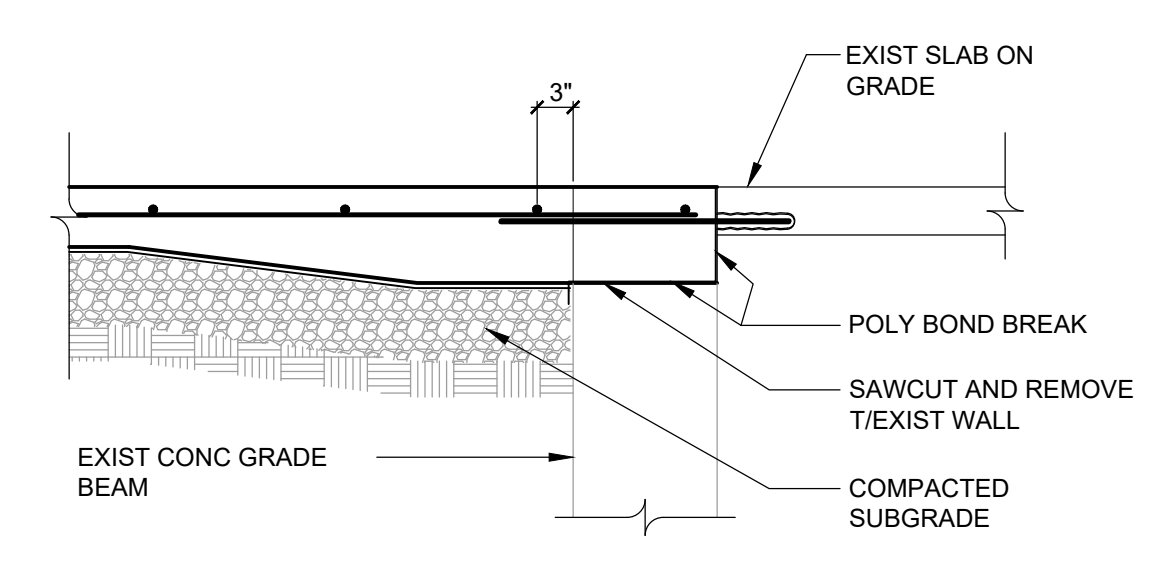
1 SLAB ON GRADE TYPICAL SECTION
 S3.00 SCALE: 3/4" = 1'-0"



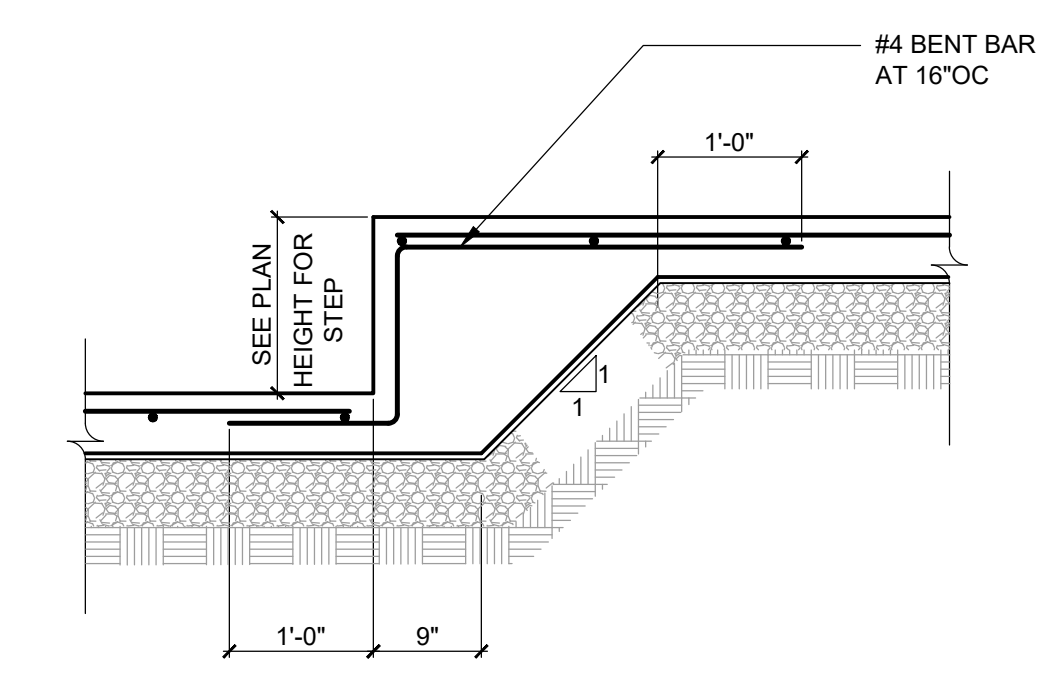
2 SLAB ON GRADE TYPICAL CONTRACTION JOINT
 S3.00 SCALE: 3/4" = 1'-0"



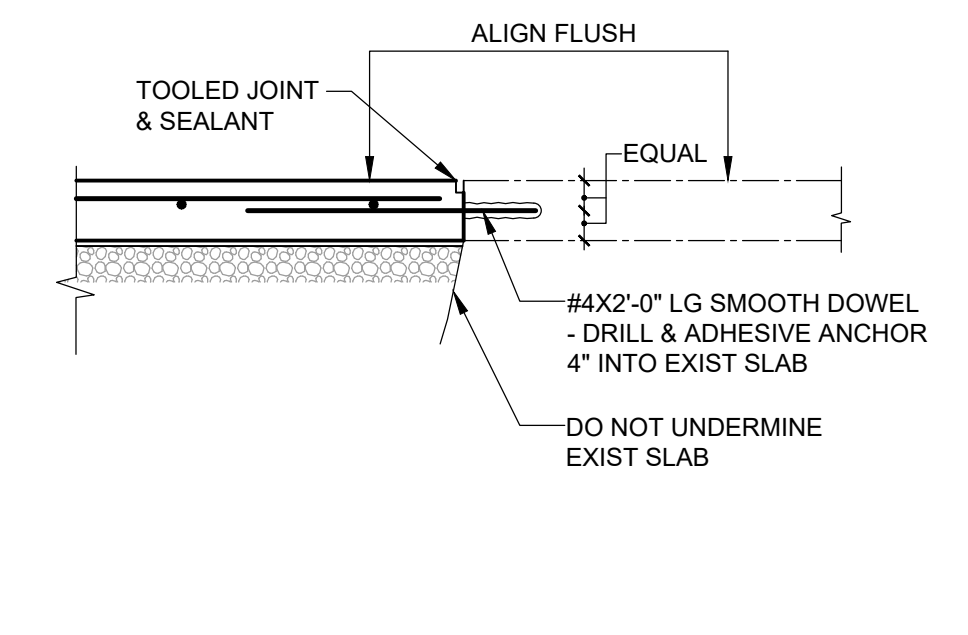
3 SLAB ON GRADE TYPICAL CONSTRUCTION JOINT
 S3.00 SCALE: 3/4" = 1'-0"



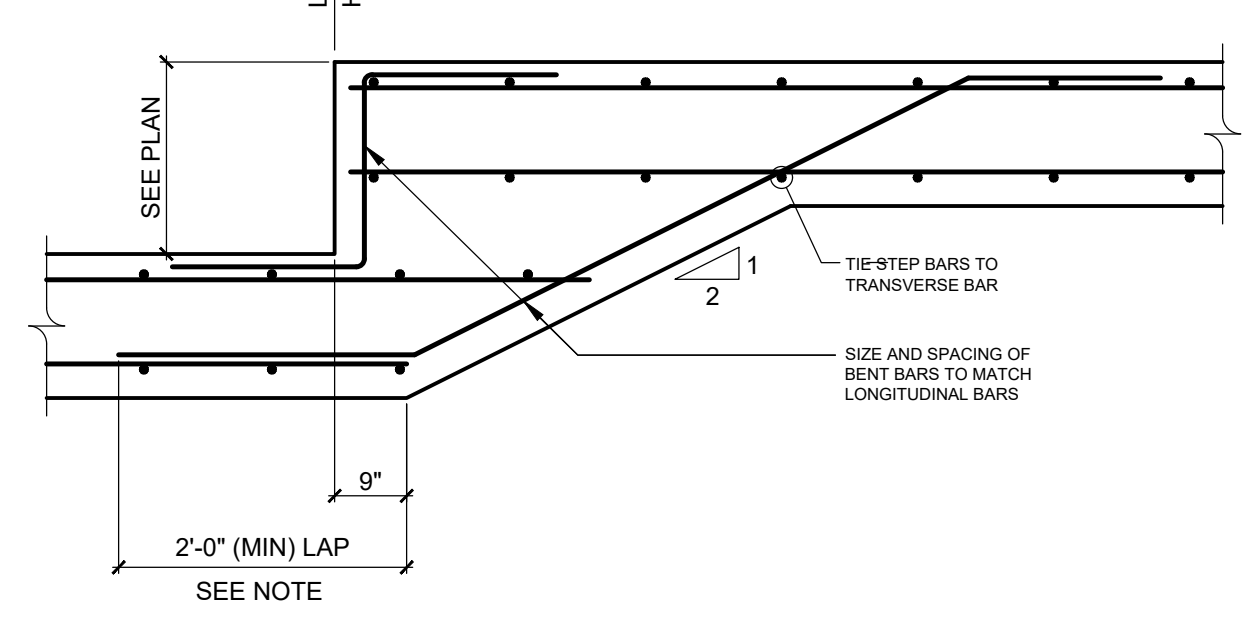
4 SECTION AT EXISTING GRADE BEAM
 S3.00 SCALE: 3/4" = 1'-0"



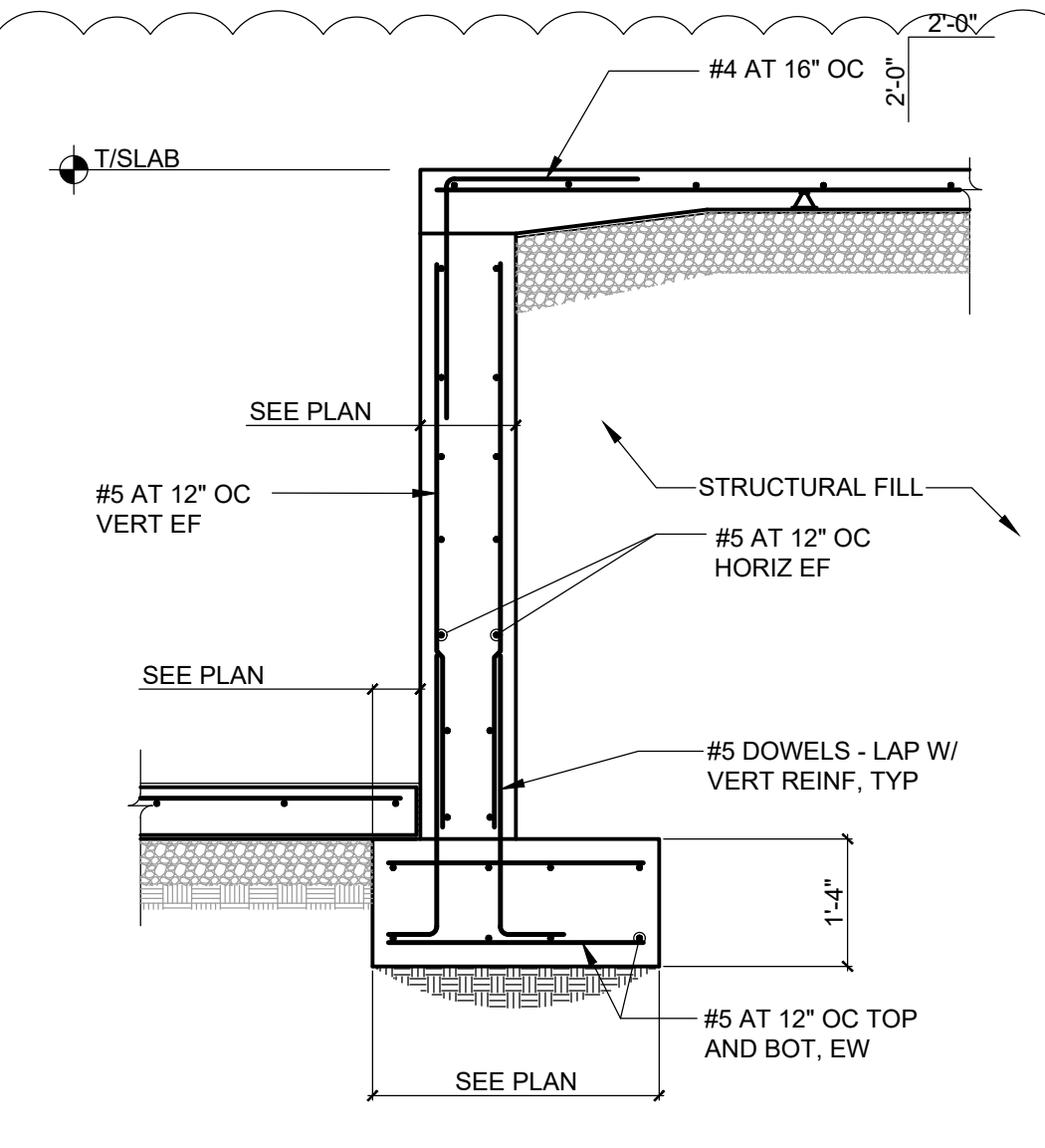
5 SLAB ON GRADE STEP
 S3.00 SCALE: 3/4" = 1'-0"



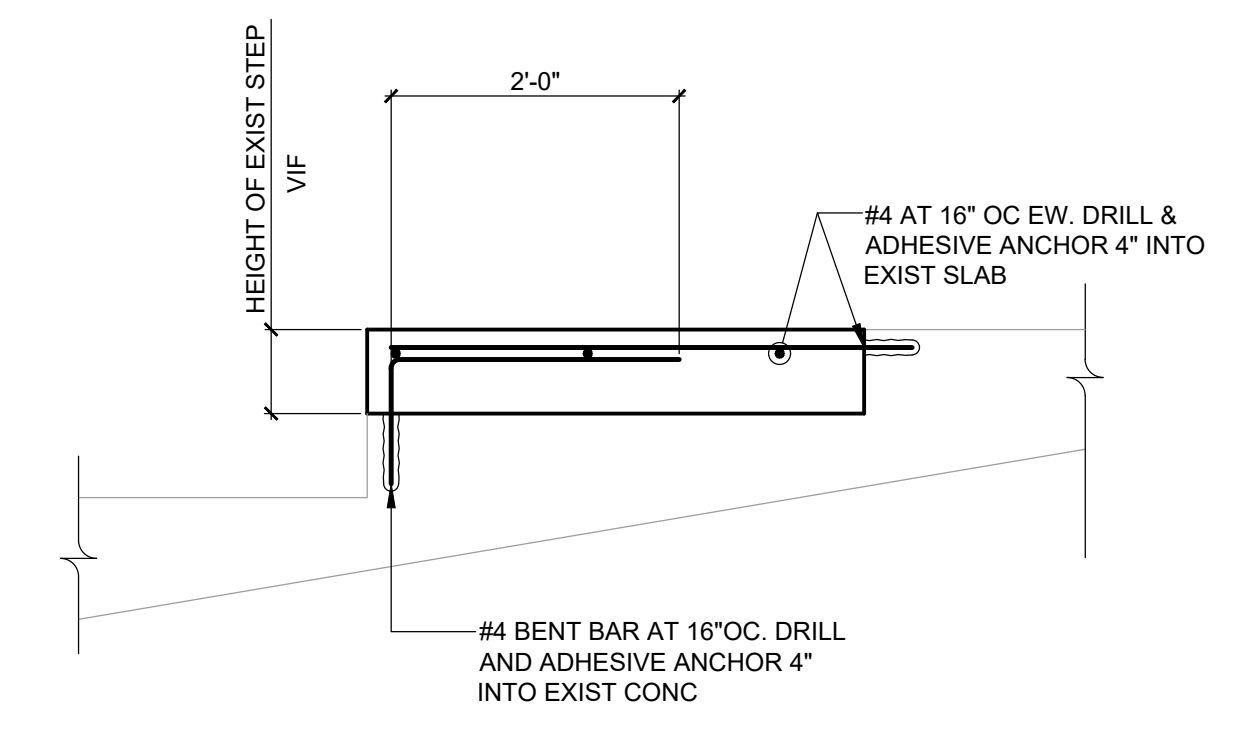
6 SECTION AT EXIST SLAB ON GRADE
 S3.00 SCALE: 3/4" = 1'-0"



7 TYPICAL FOOTING STEP DETAIL
 S3.00 NOT TO SCALE
 NOTE: USE THIS DETAIL FOR FOOTINGS WITH DOUBLE MAT REINFORCING. LAPS ARE CLASS B BUT NOT LESS THAN 2'-0"



8 SECTION AT INTERIOR RETAINING WALL
 S3.00 SCALE: 1/2" = 1'-0"



9 SECTION AT EXISTING TIERED SLAB INFILL
 S3.00 SCALE: 3/4" = 1'-0"

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
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DWG TITLE
 CONCRETE SECTIONS AND DETAILS

DRAWING BY: AED
CHECK BY: ...

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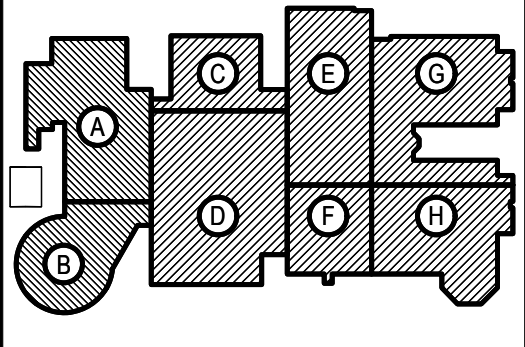
SED No. 66-14-02-0-004-023
DISTRICT BRIARCLIFF MANOR UFSD
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE CONCRETE SECTIONS AND DETAILS
SCALE AS NOTED
DATE
BID PICK-UP: 11/14/22
FILE No. 21-274C

S3.00

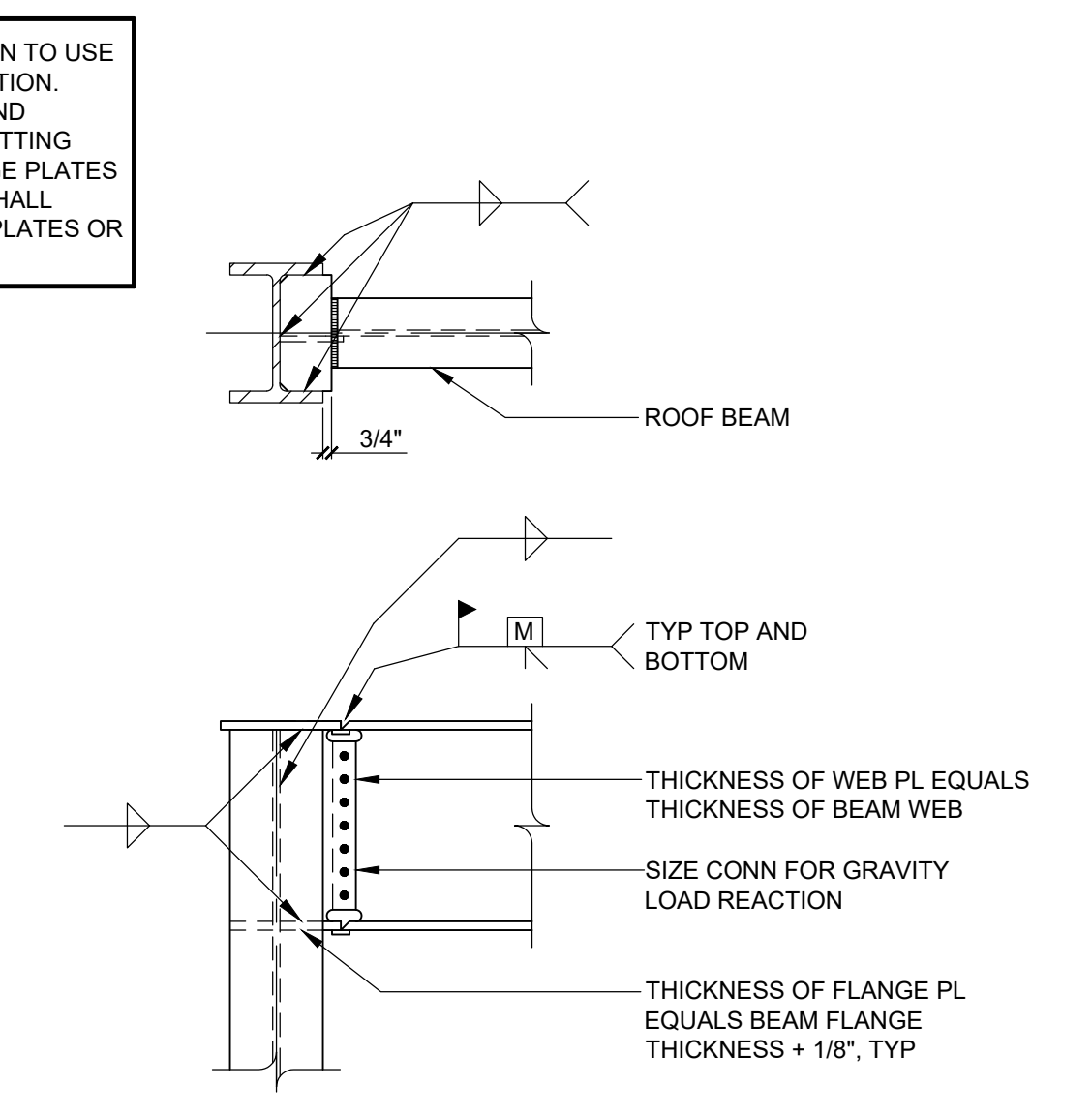
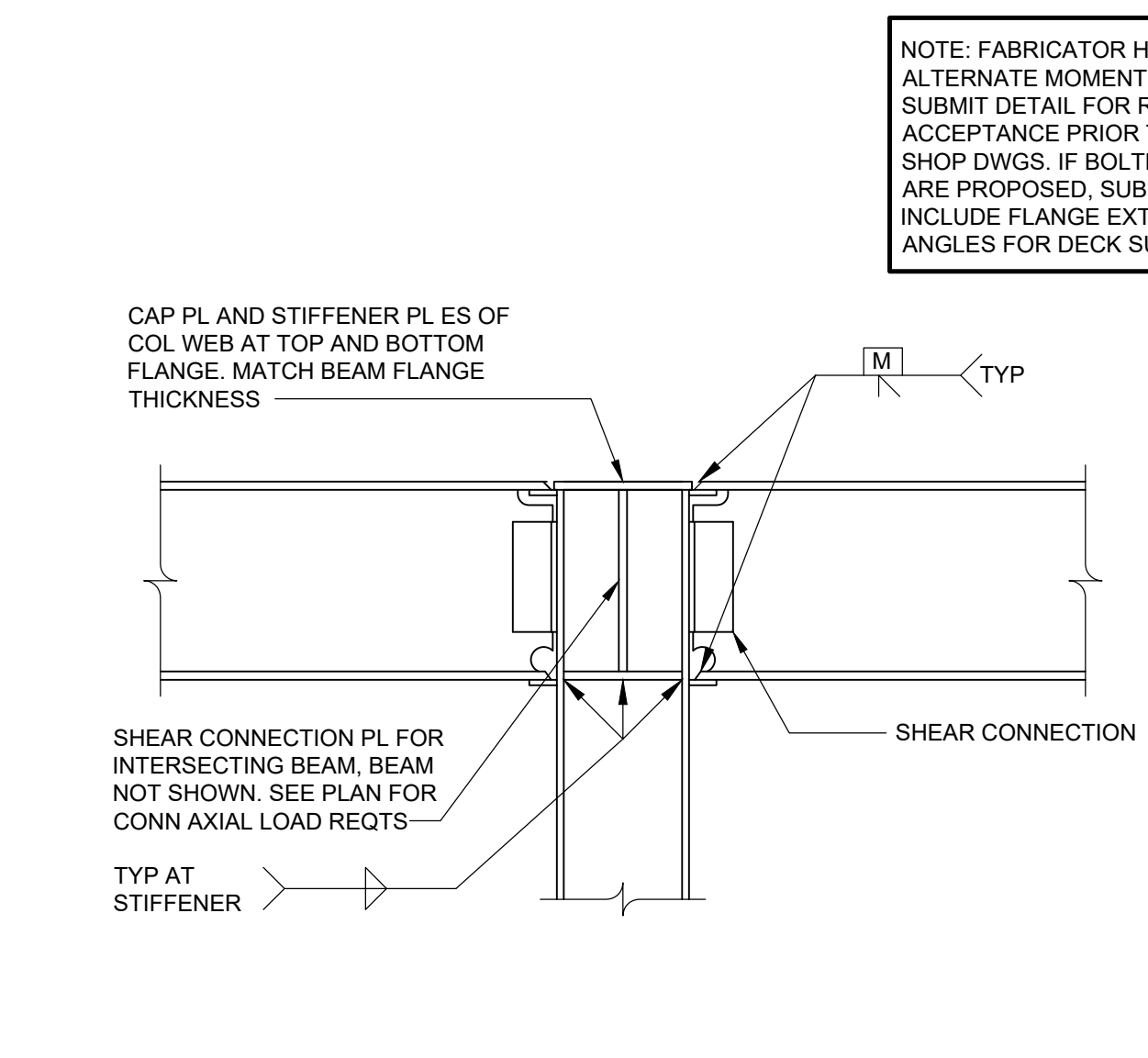
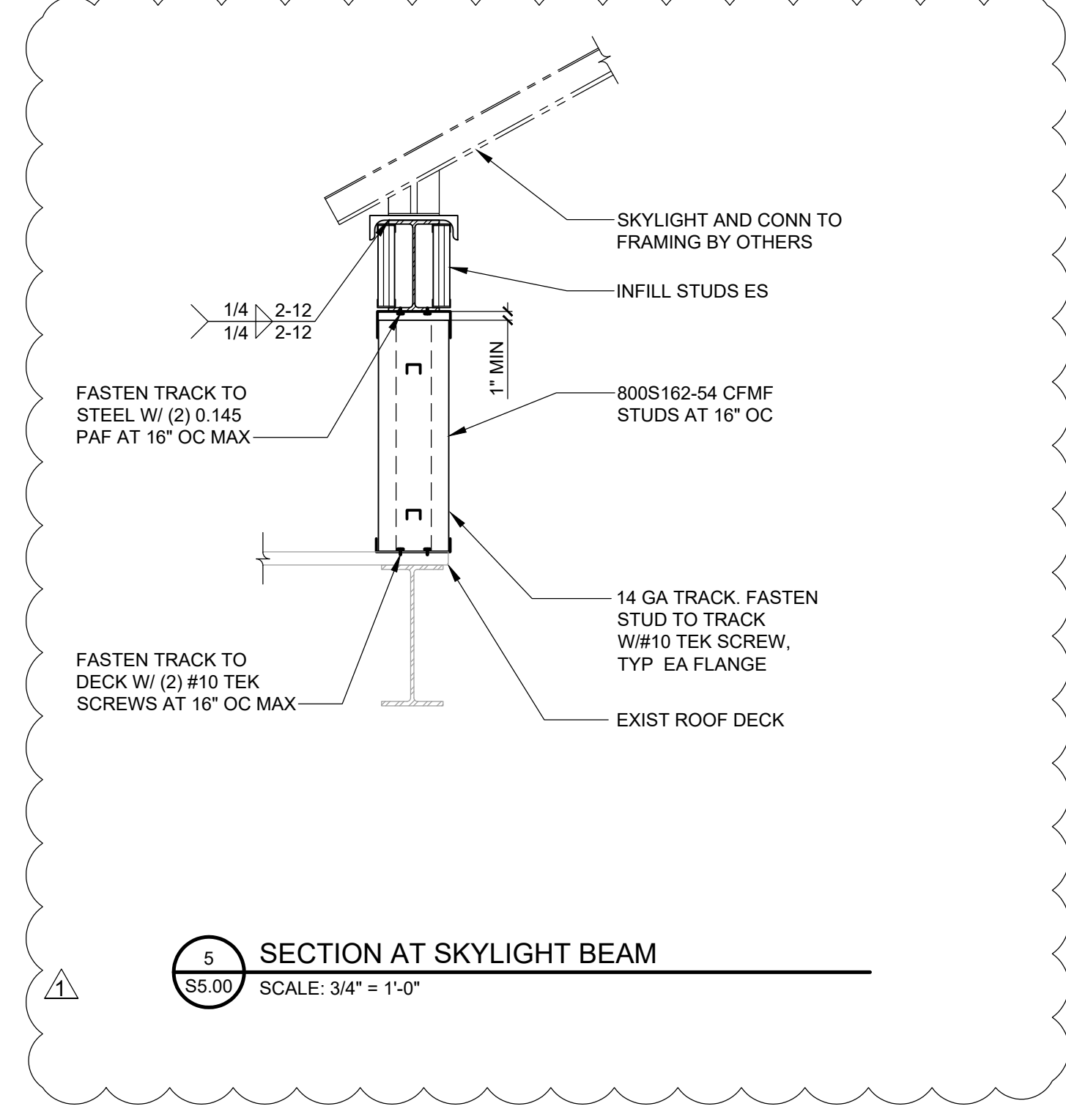
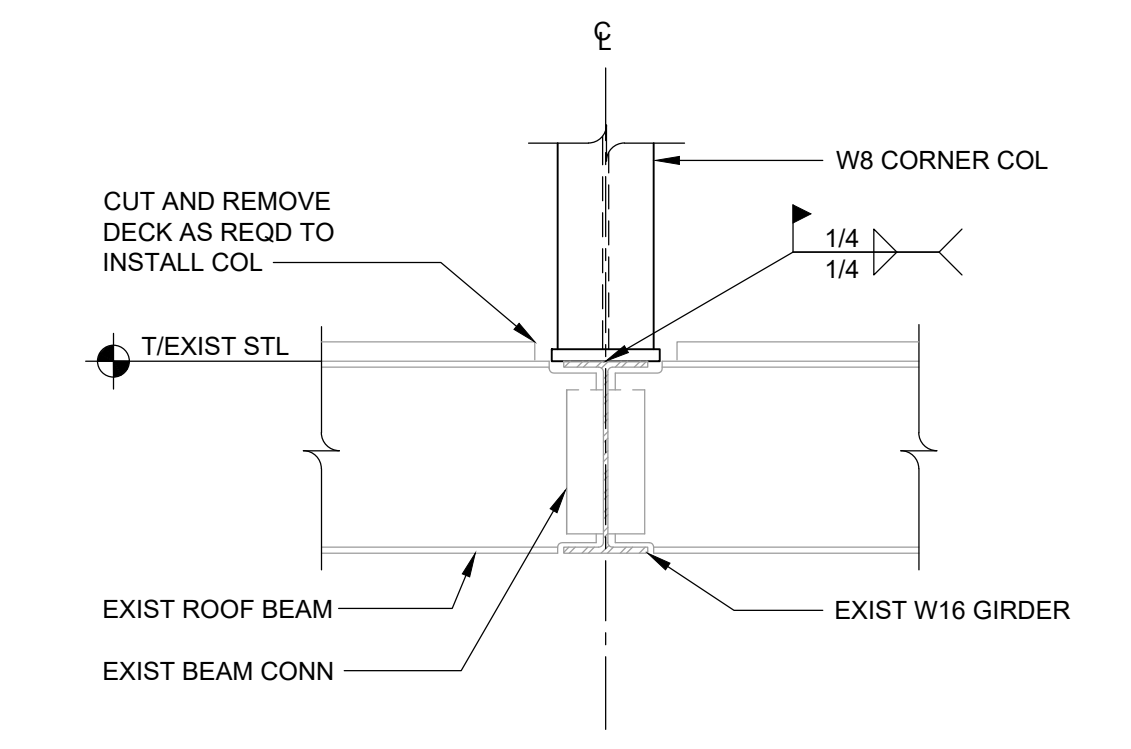
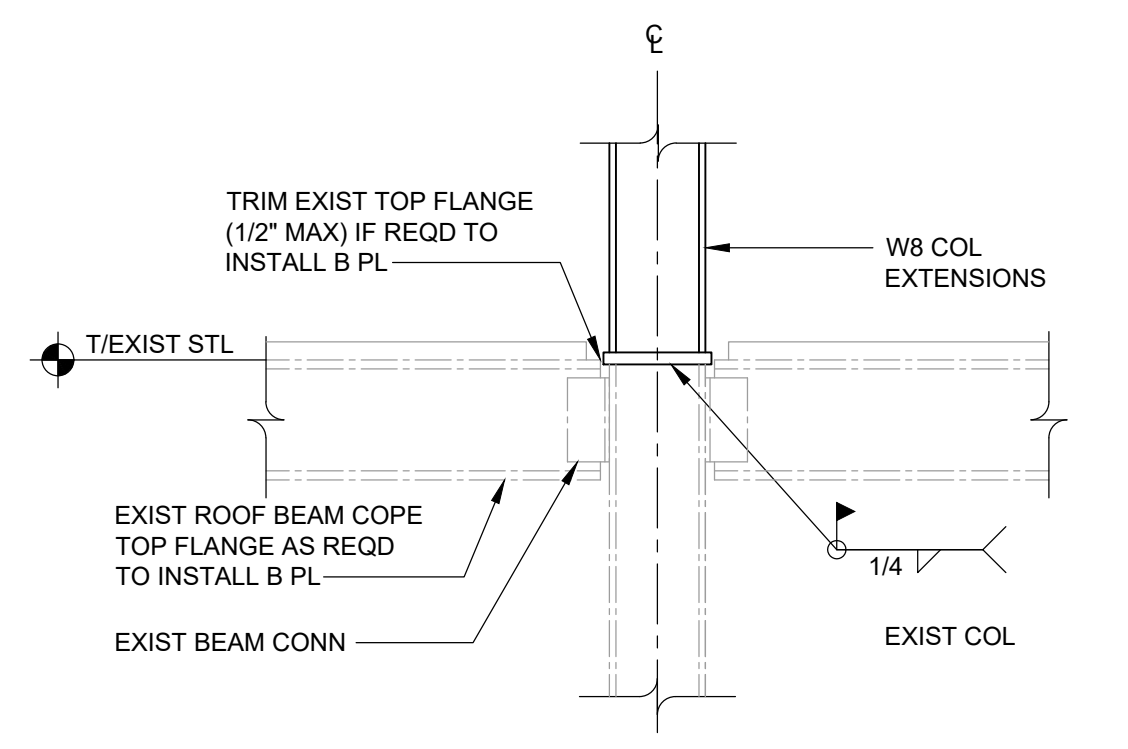
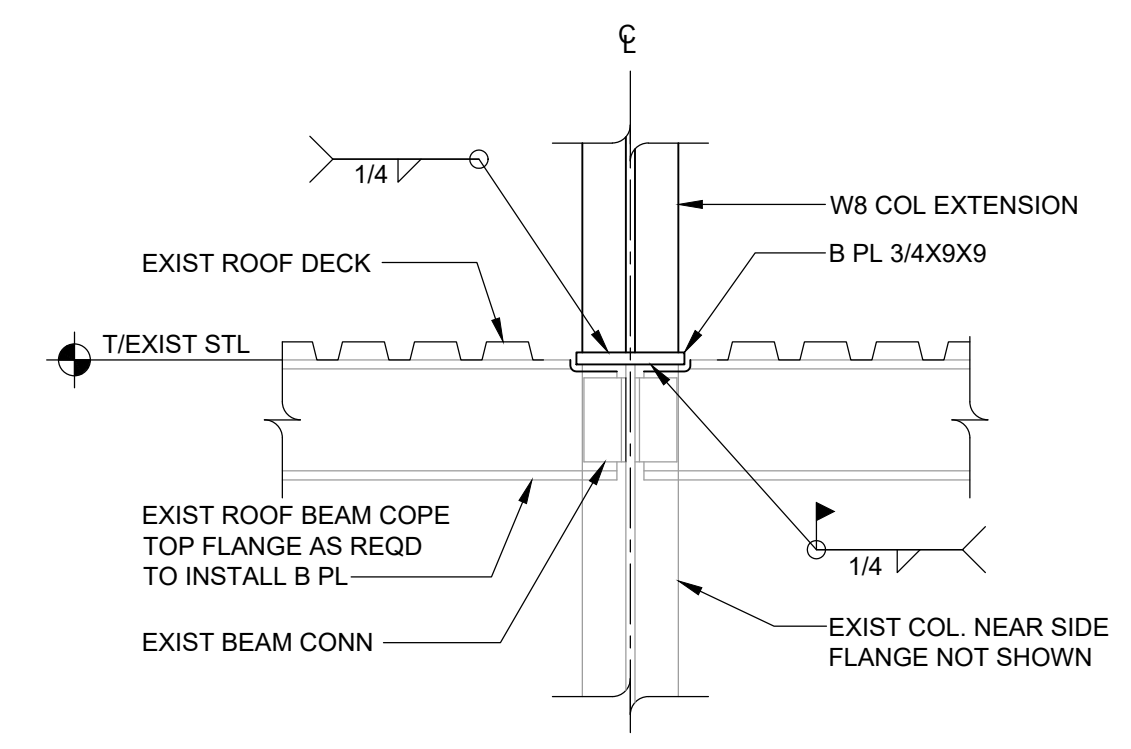
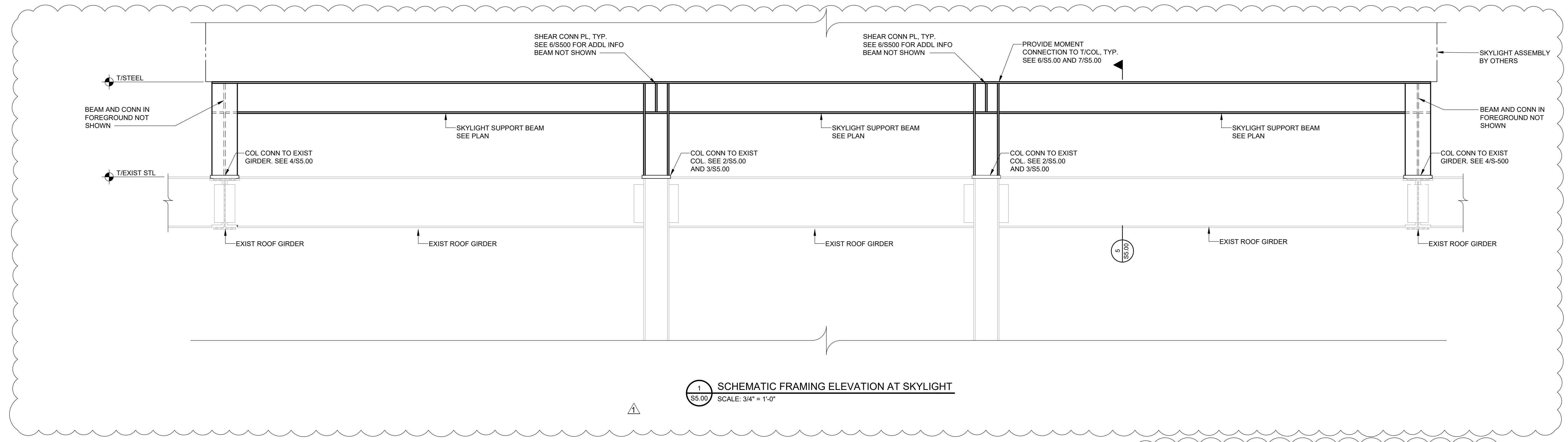
REV.	DATE	ITEM
1	12-02-22	ADDENDUM #2

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KEY PLAN
 NOT TO SCALE



NOTE: FABRICATOR HAS OPTION TO USE ALTERNATE MOMENT CONNECTION. SUBMIT DETAIL FOR REVIEW AND ACCEPTANCE PRIOR TO SUBMITTING SHOP DWGS. IF BOLTED FLANGE PLATES ARE PROPOSED, SUBMITTAL SHALL INCLUDE FLANGE EXTENSION PLATES OR ANGLES FOR DECK SUPPORT

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL
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DWG TITLE
 STEEL SECTIONS AND DETAILS

DRAWING BY: AED
CHECK BY: ...

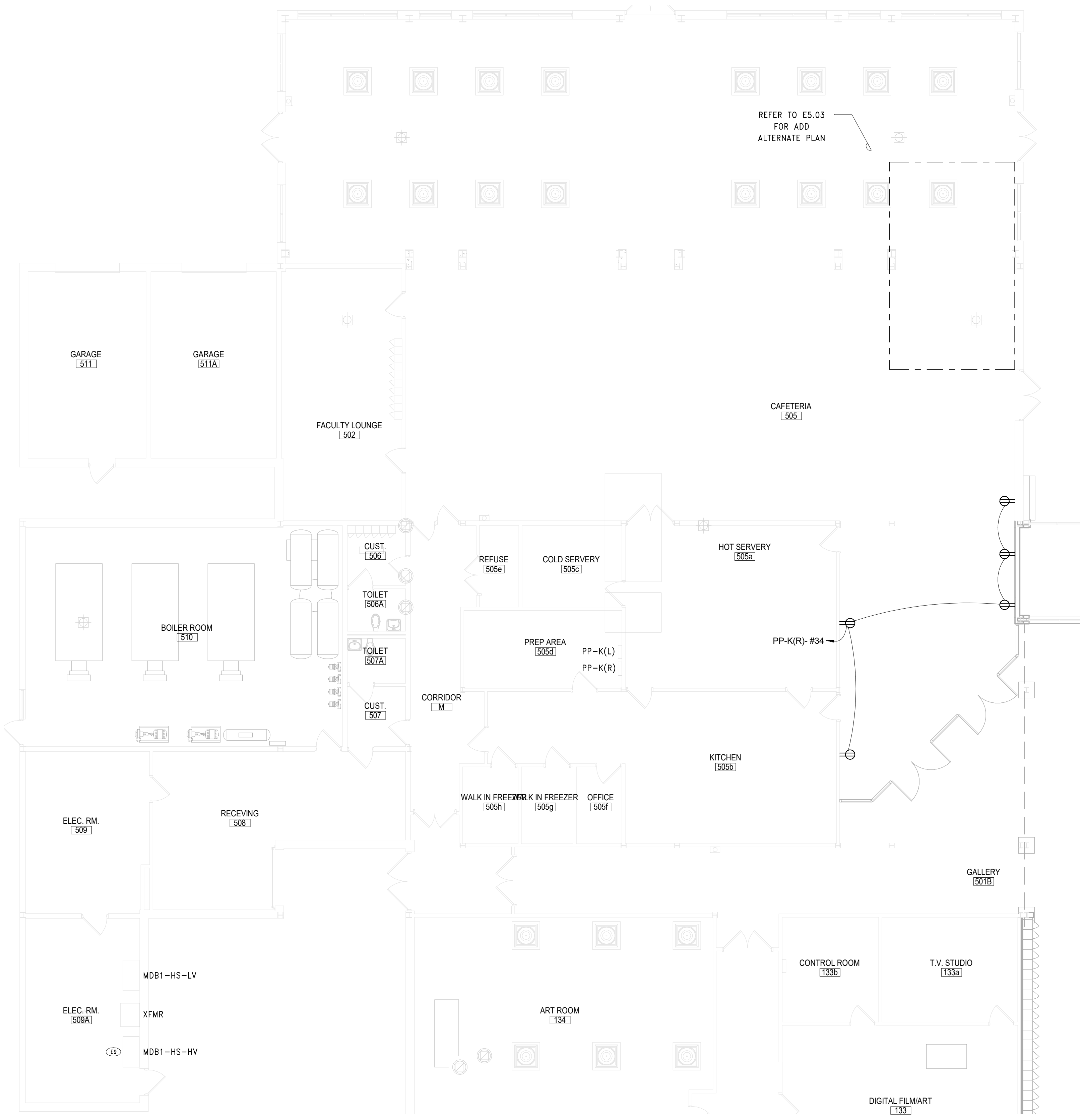
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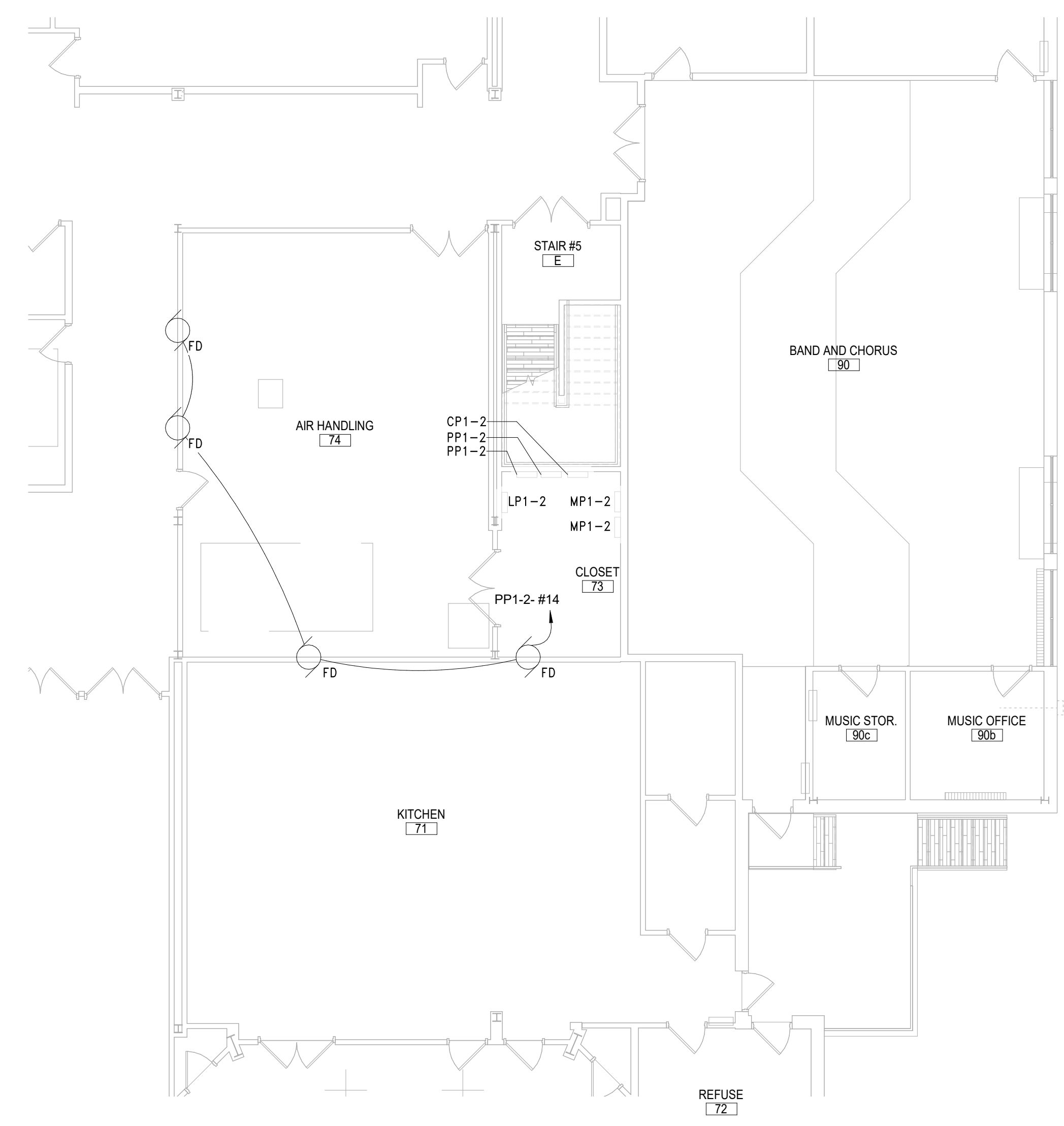
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DISTRICT BRIARCLIFF MANOR UFS
PROJECT PHASE 2 BOND IMPROVEMENTS
DWG TITLE STEEL SECTIONS AND DETAILS
SCALE AS NOTED
DATE 11/14/22
BID PICK-UP: 11/14/22
FILE No. 21-274C

S5.00



2 FIRST FLOOR PROPOSED PLAN - AREA A BASE BID

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



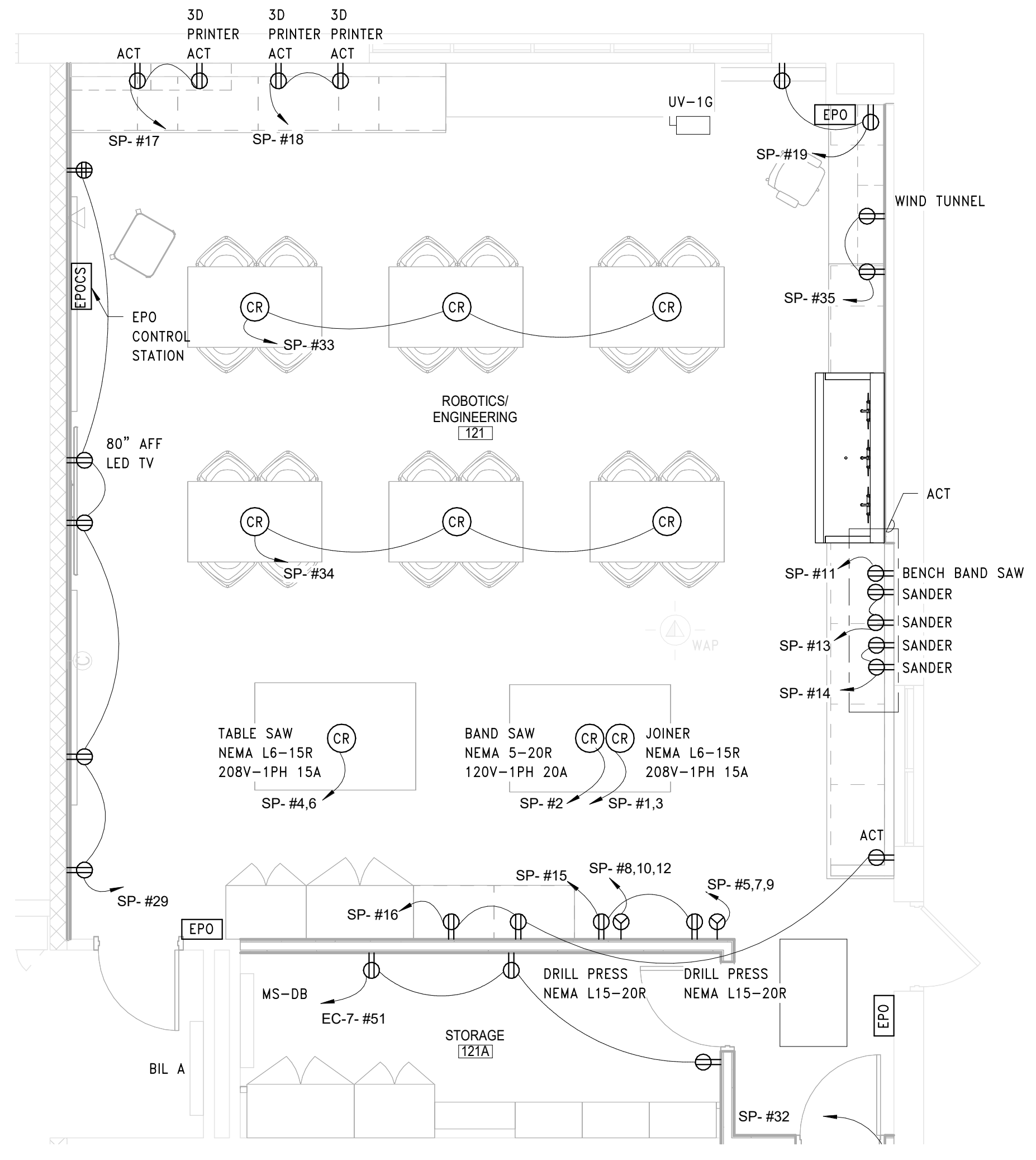
4 FIRST FLOOR PROPOSED PLAN - AREA H

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



1 FIRST FLOOR PROPOSED PLAN - AREA C BASE BID

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



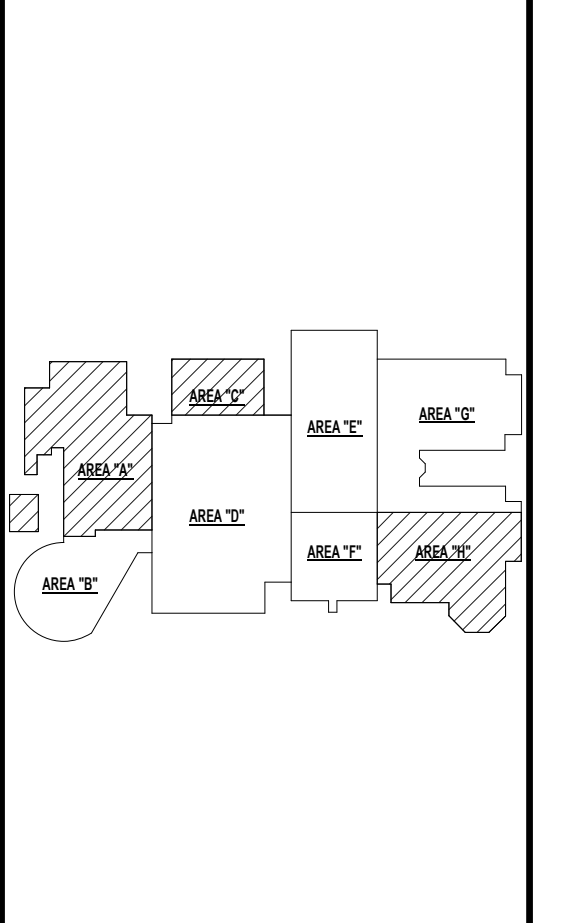
3 FIRST FLOOR PROPOSED PLAN - AREA C ENLARGED PLAN

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

POWER SHEET NOTES	
A.	COORDINATE LOCATION OF CORD REELS WITH GC PRIOR TO CEILING INSTALLATION.
B.	FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
C.	ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
D.	REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.
E.	ALL DEVICES SHALL BE RECESSED IN WALL CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.
KEY NOTES	
E9	UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECTRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

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KEY PLAN
NO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE
 PARTIAL FIRST FL POWER PLAN - AREA A & C

DRWG. BY: EEA
CHK. BY: AG

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PARTIAL FIRST FL POWER PLAN - AREA A & C

SCALE: AS NOTED
DATE: 07/07/22
BID PAU DATE:
FILE NO. 21-274C

E4.01 HSMS



1 FIRST FLOOR PROPOSED PLAN - AREA D
SCALE: 1/8" = 1'-0"

POWER SHEET NOTES

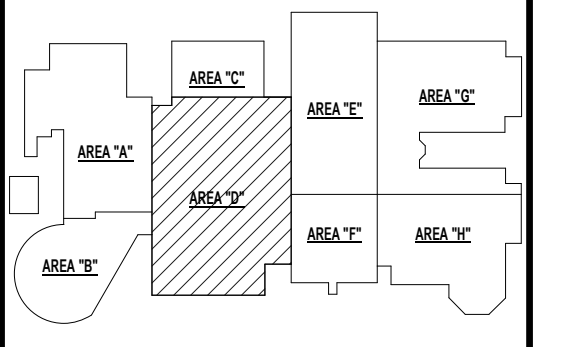
- A. COORDINATE LOCATION OF CORD REELS WITH GC PRIOR TO CEILING INSTALLATION.
- B. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
- C. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
- D. REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.
- E. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

KEY NOTES

- E2 PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. REFER TO PANELBOARD DIRECTORY FOR PANEL'S CHARACTERISTICS.
- E3 ADD ALTERNATE: PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. FIELD VERIFY EXACT CIRCUIT BREAKER AMP RATING OF EACH BREAKER IN PANEL PRIOR TO PURCHASE. BREAKERS POLE SIZES WERE VERIFIED WITH FIELD OBSERVATION HOWEVER BREAKERS AMP RATING WAS NOT LEGIBLE IN ALL.
- E9 UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECTRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.
- E10 PROVIDE 20A, 120V-1PH CIRCUIT THROUGH FUSED DISCONNECT WITH AN AUXILIARY CONTACT ON THE MAIN POWER SUPPLY OF THE LIFT. FIELD COORDINATE EXACT DISCONNECT MOUNTING LOCATION PRIOR TO INSTALLATION.
- E12 COORDINATE WITH GC FOR ROUTING OF POWER BELOW SLAB FOR FLOOR RECEPTACLE.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

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KEY PLAN
NO SCALE

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

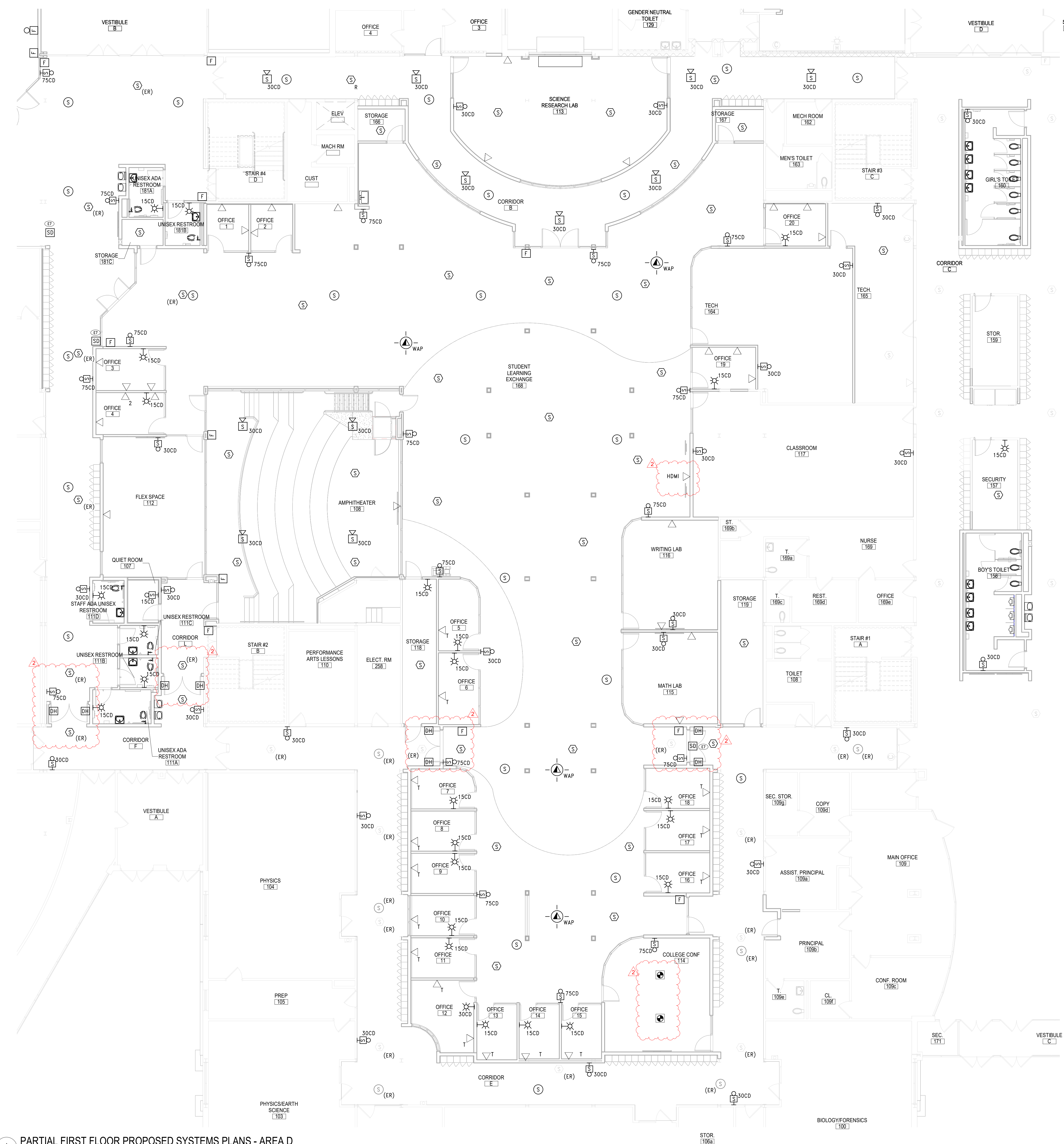
PROJECT
DWG TITLE
DRWG. BY: EEA
CHK. BY: AG

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www.bbsarchitecture.com

SED. NO. 66-14-02-0-004-023
DISTRICT: BRIARCLIFF MANOR U.F.S.D.
PROJECT: PHASE 2 BOND IMPROVEMENTS
DWG TITLE: PARTIAL FIRST FL POWER PLAN - AREA D
SCALE: AS NOTED
DATE: 07/07/22
BID PAU DATE:
FILE NO. 21-274C

E4.02 HSMS

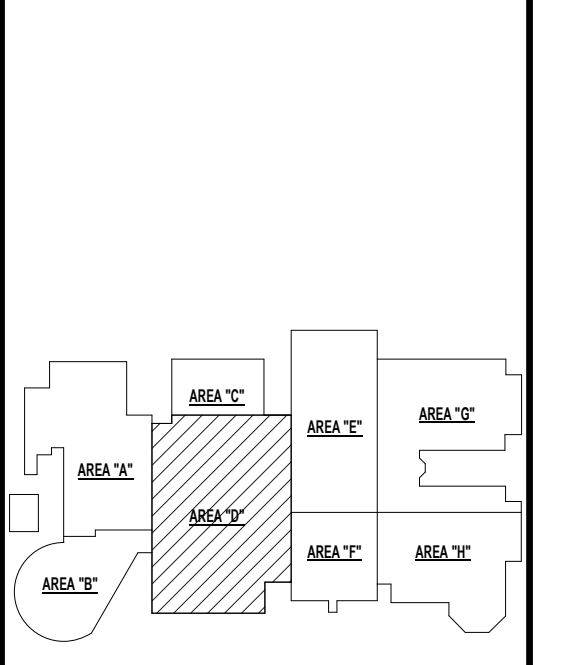


- SYSTEMS SHEET NOTES**
- CONNECT ALL PROPOSED FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. PANEL IS AN EDWARDS I/O ADDRESSABLE PANEL LOCATED OUTSIDE OF BOILER ROOM 510.
 - REFER TO DRAWING E10.03 FOR TECHNOLOGY DETAILS.
 - PROVIDE FIRE ALARM RELAY AND CONNECTION FROM FIRE DAMPERS TO FIRE ALARM CONTROL PANEL.
 - ALL DEVICES WITH 'ER' DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED AFTER CEILING INSTALLATION HAS BEEN COMPLETED. RE-INSTALL DEVICES IN PROPOSED LOCATION AND RECONNECT TO ASSOCIATED WIRING.
 - ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.
 - MDF ROOM LOCATED IN SECOND FLOOR TECH ROOM 242 (AREA D).
 - ALL IT AND SECURITY CABLES SHALL BE COLOR CODED AS FOLLOWS:
 - DATA - BLUE
 - WIRELESS ACCESS POINTS - GREEN
 - CAMERAS - PURPLE
 - DOORS - YELLOW
 - SECURITY - RED
- KEY NOTES**
- PROVIDE FIRE ALARM CONNECTION TO FIRE SMOKE DAMPERS.

REV.	DATE	ITEM
2	120622	BID ADDENDUM #2
1	120122	BID ADDENDUM #1

NOTICE

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KEY PLAN

NO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL
 444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

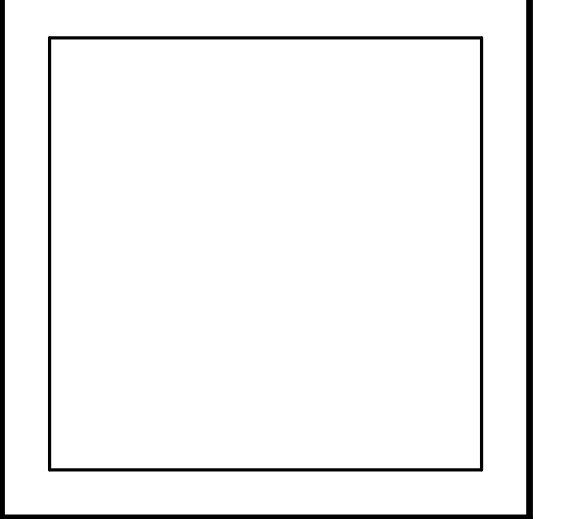
PARTIAL FIRST FL SYSTEMS PLAN - AREA D

DRWG. BY: EEA
CHK. BY: AG

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 www.bbsarchitecture.com



SEC. NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG. TITLE PARTIAL FIRST FL SYSTEMS PLAN - AREA D

SCALE: AS NOTED
DATE: 07/07/22
BID PAU DATE:
FILE NO.: 21-274C

1 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA D
 SCALE: 1/8" = 1'-0"

Branch Panel: MP1-3

Location: ELECT. RM 258
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22000
Mains Type: MCB
Mains Rating: 200 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	EXISTING CKT.	20 A	2	0 VA	0 VA	0 VA	0 VA	3	20 A	EXISTING CKT.	2	
3	--	--	--	--	--	--	--	--	--	--	4	
5	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	6	
7	EXISTING CKT.	20 A	3	0 VA	0 VA	0 VA	0 VA	3	20 A	EXISTING CKT.	8	
9	--	--	--	--	--	--	--	--	--	--	10	
11	--	--	--	--	--	--	--	--	--	--	12	
13	EXISTING CKT.	20 A	3	0 VA	0 VA	0 VA	0 VA	3	20 A	EXISTING CKT.	14	
15	--	--	--	--	--	--	--	--	--	--	16	
17	--	--	--	--	--	--	--	--	--	--	18	
19	EXISTING CKT.	20 A	3	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	20	
21	--	--	--	--	--	--	--	--	--	--	22	
23	--	--	--	--	--	--	--	--	--	--	24	
25	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	26	
27	OFFICE 19 & 20	20 A	1	0 VA	0 VA	900 VA	0 VA	2	20 A	EXISTING CKT.	28	
31	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	2	20 A	EXISTING CKT.	32	
33	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	2	20 A	EXISTING CKT.	34	
35	--	--	--	--	--	--	--	--	--	--	36	
37	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	38	
39	EXISTING CKT.	20 A	2	0 VA	0 VA	0 VA	0 VA	2	20 A	EXISTING CKT.	40	
41	--	--	--	--	--	--	--	--	--	--	42	
				Total Load:	0 VA	0 VA	0 VA	900 VA	0 VA			
				Total Amps:	0 A	0 A	0 A	8 A	0 A			

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: B1L

Location: ELEC. 127
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 250 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	EF-2B	20 A	1	1176 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	2	
3	EXISTING CKT.	15 A	2	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	4	
5	--	--	--	--	--	--	--	--	--	--	6	
7	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	8	
9	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	10	
11	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	12	
13	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	14	
15	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	16	
17	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	18	
19	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	20	
21	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	22	
23	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	24	
25	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	26	
27	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	2	20 A	EXISTING CKT.	28	
29	EXISTING CKT.	20 A	1	0 VA	686.4 VA	0 VA	686.4 VA	--	--	--	30	
31	EXISTING CKT.	20 A	1	0 VA	1176 VA	0 VA	0 VA	1	20 A	EF-2C	32	
33	--	--	--	--	--	--	--	--	--	--	34	
35	--	--	--	--	--	--	--	--	--	--	36	
37	--	--	--	--	--	--	--	--	--	--	38	
39	--	--	--	--	--	--	--	--	--	--	40	
41	--	--	--	--	--	--	--	--	--	--	42	
				Total Load:	2352 VA	686 VA	686 VA	0 VA	0 VA			
				Total Amps:	20 A	6 A	6 A	0 A	0 A			

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: PP1-2

Location: CLOSET 73
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 250 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	RECEPT RM M1064 (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1079 (EXISTING)	2	
3	RECEPT RM M1063 (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1079 (EXISTING)	4	
5	RECEPT RM M1-106 (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	6	
7	ELEC WATER FOUNTAIN (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	8	
9	RECEPT M1-106 (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	10	
11	MAG LOCK DOOR (EXISTING)	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)	12	
13	--	--	--	--	--	--	--	--	--	--	14	
15	--	--	--	--	--	--	--	--	--	--	16	
17	--	--	--	--	--	--	--	--	--	--	18	
19	--	--	--	--	--	--	--	--	--	--	20	
21	--	--	--	--	--	--	--	--	--	--	22	
23	--	--	--	--	--	--	--	--	--	--	24	
25	--	--	--	--	--	--	--	--	--	--	26	
27	--	--	--	--	--	--	--	--	--	--	28	
29	--	--	--	--	--	--	--	--	--	--	30	
31	--	--	--	--	--	--	--	--	--	--	32	
33	--	--	--	--	--	--	--	--	--	--	34	
35	--	--	--	--	--	--	--	--	--	--	36	
37	--	--	--	--	--	--	--	--	--	--	38	
39	--	--	--	--	--	--	--	--	--	--	40	
41	--	--	--	--	--	--	--	--	--	--	42	
				Total Load:	0 VA	0 VA	0 VA	0 VA	0 VA			
				Total Amps:	0 A	0 A	0 A	0 A	0 A			

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: PNL X

Location: MECH ROOM 162
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	EXISTING CKT.	20 A	1	1055.6 VA	0 VA	1055.6 VA	0 VA	3	15 A	CMU-236	2	
3	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	4	
5	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	6	
7	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	8	
9	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	10	
11	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	12	
13	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	14	
15	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	16	
17	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	18	
19	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	20	
21	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	22	
23	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	EXISTING CKT.	24	
				Total Load:	1056 VA	1056 VA	1056 VA	0 VA	0 VA			
				Total Amps:	9 A	9 A	9 A	0 A	0 A			

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

Branch Panel: 6B

Location: STORAGE 118
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10000
Mains Type: 100A MLO
Mains Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	Spare	20 A	3	0 VA	0 VA	0 VA	0 VA	3	20 A	Spare	2	
3	--	--	--	--	--	--	--	--	--	--	4	
5	--	--	--	--	--	--	--	--	--	--	6	
7	Spare	20 A	3	0 VA	0 VA	0 VA	0 VA	2	20 A	Spare	8	
9	--	--	--	--	--	--	--	--	--	--	10	
11	--	--	--	--	--	--	--	--	--	--	12	
13	RECEPT - RM 112	20 A	1	900 VA	900 VA	0 VA	0 VA	1	20 A	RECEPT - RM 112 & CP-UVIC	14	
15	CORD REEL RM 112	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	CORD REEL RM 112	16	
17	CORD REEL RM 112	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT - OFFICE 3	18	
19	RECEPT - OFFICE 4	20 A	1	540 VA	90 VA	0 VA	0 VA	2	20 A	PRINTER RECEIPT	20	
21	MOTORIZED FIRE DAMPER	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT - OFFICE 4	22	
23	AC-1A; 2D; 1D; 1C	20 A	2	0 VA	0 VA	104 VA	182 VA	2	20 A	AC-2A; 3A; 4A; 5A; 6A; 7A; 8A	24	
25	--	--	--	--	--	--	--	--	--	--	26	
27	AC-9A; 10A; 1B; 2B; 11A; 12A; 13A	20 A	2	0 VA	0 VA	182 VA	52 VA	2	20 A	AC-1E; 2E	28	
29	--	--	--	--	--	--	--	--	--	--	30	
31	AC-14A; 15A & UV-1E & 1D	20 A	2	478.4 VA	180 VA	478.4 VA	270.4 VA	2	15 A	UV-1A; 1B	34	
33	--	--	--	--	--	--	--	--	--	--	36	
35	UV-1A; 1B; 1H	20 A	2	0 VA	0 VA	1393.6 VA	270.4 VA	1	20 A	UV-1C	38	
37	--	--	--	--	--	--	--	--	--	--	40	
39	EF-1E	20 A	1	0 VA	0 VA	696 VA	720 VA	1	20 A	DESTRATIFICATION FANS	42	
41	CP-AC236; CP-UV2A; UV2B; UV2C; ...	20 A	1	0 VA	0 VA	1260 VA	1620 VA	1	20 A	CP-AC15A; AC14A; AC1C; AC3A; AC4A; ...	44	
43	CP-AC236; AC14A; AC1C; AC1B; AC1B; AC1C; ...	20 A	1	1440 VA	900 VA	0 VA	0 VA	1	20 A	CP-AC15A; AC14A; AC1C; AC3A; AC4A	46	
45	CP-UV1E; UV1D; UV1A; UV1B	20 A	1	0 VA	0 VA	720 VA	720 VA	1	20 A	COLUMN RECEIPT - OPEN AREA	48	
47	COLUMN RECEIPT - OPEN AREA	20 A	1	0 VA	0 VA	1080 VA	1080 VA	1	20 A	COLUMN RECEIPT - OPEN AREA	50	
49	MOTORIZED FIRE DAMPER	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	MOTORIZED FIRE DAMPER	52	
51	LIFT DISCONNECT	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	RCPT 158 & COOLER (GFCI BRKR)	54	
53	HAND DRYER RM 158	20 A	1	0 VA	0 VA	0 VA	0 VA	1	20 A	HAND DRYER RM 158	56	
55	COOLER & TV RECEIPT (GFCI BRKR)	20 A	1	360 VA	720 VA	0 VA	0 VA	1	20 A	RECEPT - OUTSIDE 108	58	
57	RECEPT - OUTSIDE 108	20 A	1	0 VA	0 VA	720 VA	0 VA	1	20 A	RECEPT - OUTSIDE 108	60	
59	--	--	--	--	--	--	--	--	--	--	62	
				Total Load:	9580 VA	5369 VA	8844 VA	0 VA	0 VA			
				Total Amps:	84 A	45 A	78 A	0 A	0 A			

Notes:
(EXISTING PANEL) ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

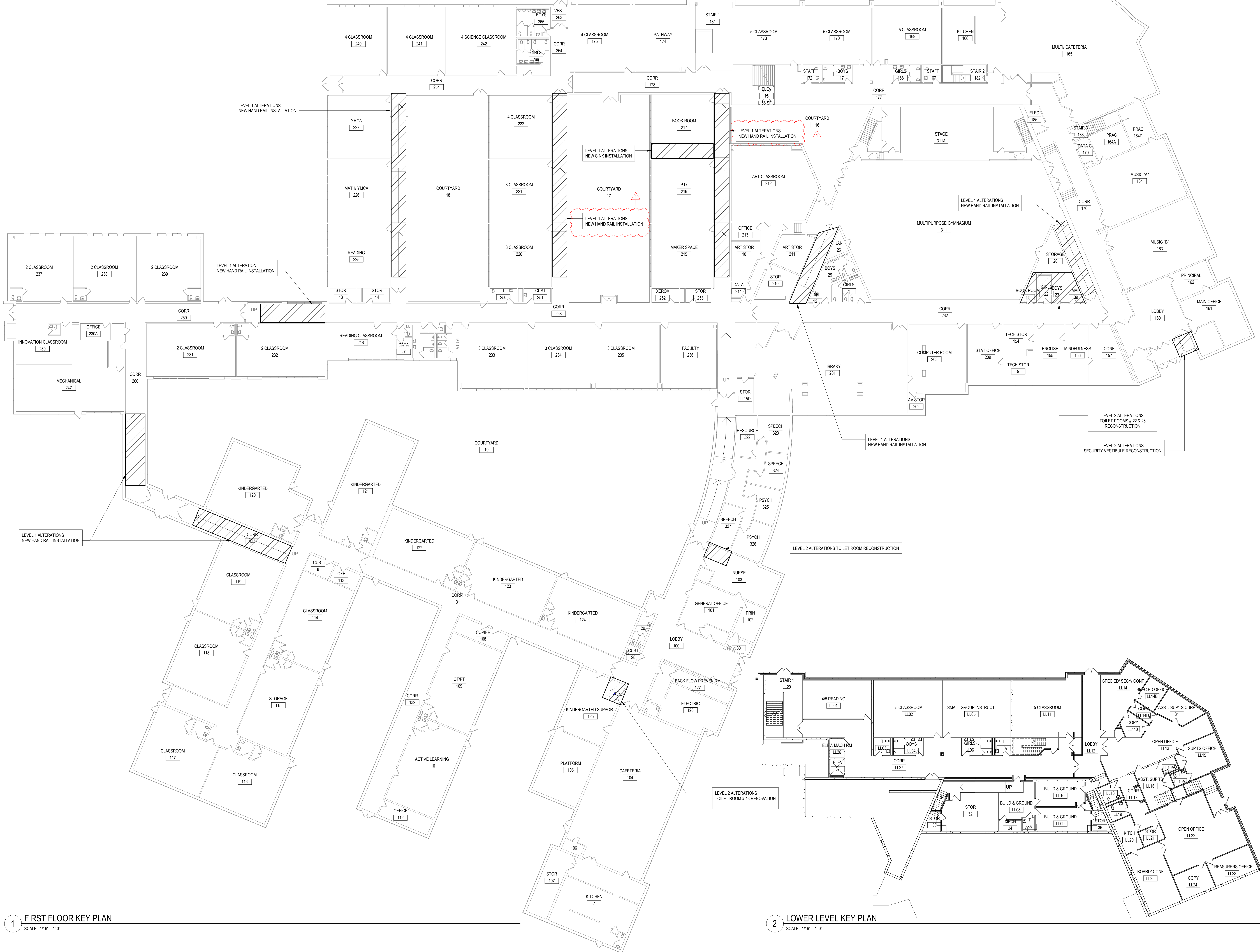
Branch Panel: SP

Location: STORAGE 120A
Supply From: Mounting: RECESSED

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: 250A MLO
Mains Rating: 250 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	JOINER CORD REEL	15 A	2	0 VA	0 VA	0 VA	0 VA	1	20 A	BAND SAW CORD REEL	2
3	--	--	--	--	--	--	--	--	--	--	4
5	DRILL PRESS	20 A	3	0 VA	0 VA	0 VA	0 VA	2	15 A	TABLE SAW	6
7	--	--	--	--	--	--	--	--	--	--	8
9	--	--	--	--	--	--	--	--	--	--	10
11	BENCH BAND SAW	20 A	1	0 VA	0 VA	180 VA	60 VA	1	20 A	RECEPT - SANDERS	12
13	SANDER RECEPT RM 121	20 A	1	360 VA	360 VA	0 VA	0 VA	1	20 A	RECEPT - SANDERS	14
15	RECEPT - DRILL PRESS	20 A	1	0 VA	0 VA	360 VA	540 VA	1	20 A	RECEPTABLE 121	16
17	3D PRINTER RECEIPT	20 A	1	0 VA	0 VA	360 VA	360 VA	1	20 A	3D PRINTER	18
19	RECEPT - RM 121	20 A	1	360 VA	0 VA	0 VA	0 VA	1	20 A	RECEPT - RM 120	20
21	EXISTING CKT.	20 A	1	0 VA	0 VA	0 VA					

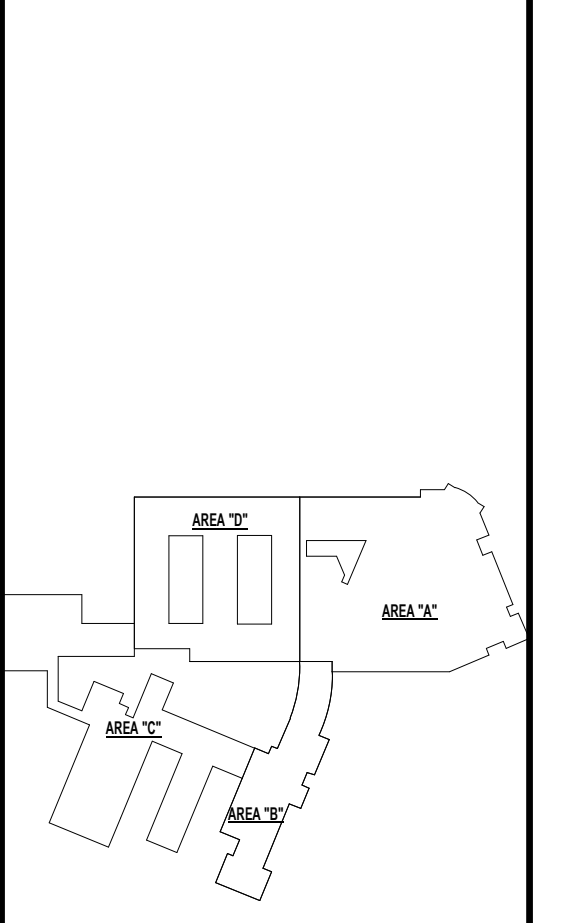


1 FIRST FLOOR KEY PLAN
SCALE: 1/16" = 1'-0"

2 LOWER LEVEL KEY PLAN
SCALE: 1/16" = 1'-0"

REV.	DATE	ITEM
1	12/07/2022	BID ADDENDUM # 2

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OVERALL KEY PLAN
NO SCALE

PROJECT
BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE
OVERALL KEY PLAN

DRWG. BY: R.K.
CHK. BY: G.E.O.

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ENGINEERS

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SED. NO.	66-14-02-02-0-02-021
DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG. TITLE	OVERALL KEY PLAN
SCALE:	AS NOTED
DATE:	12/7/2022
BID P/L DATE:	3/47/25 PM
FILE NO.	21-274D

A0.02 TES

ABBREVIATIONS:

ACT.....ACOUSTIC CEILING TILE	CWT.....CERAMIC WALL TILE	MS.....MARBLE SADDLE (ADA)	PFT.....PORCELAIN FLOOR TILE	RT.....RUBBER TILE	VINYL.....SLIP-RESISTANT FLOORING
CPT.....CARPET	EPOXY.....EPOXY TERRAZZO	NA.....NOT APPLICABLE	PLAST.....PLASTER	TERR.....TERRAZZO	WD.....WOOD
CM.U.....CONCRETE MASONRY UNIT	GTW.....GLAZED TILE WAJNSCOT	NIC.....NOT IN CONTRACT	RB.....RUBBER COVE BASE	VCT.....VINYL COMPOSITION TILE	WM.....WALK OFF MAT
CONC.....CONCRETE	GYP.....GYPSUM BOARD	PCB.....PORCELAIN TILE COVE BASE	RF.....RUBBER FLOORING	VET.....VINYL ENHANCED TILE	

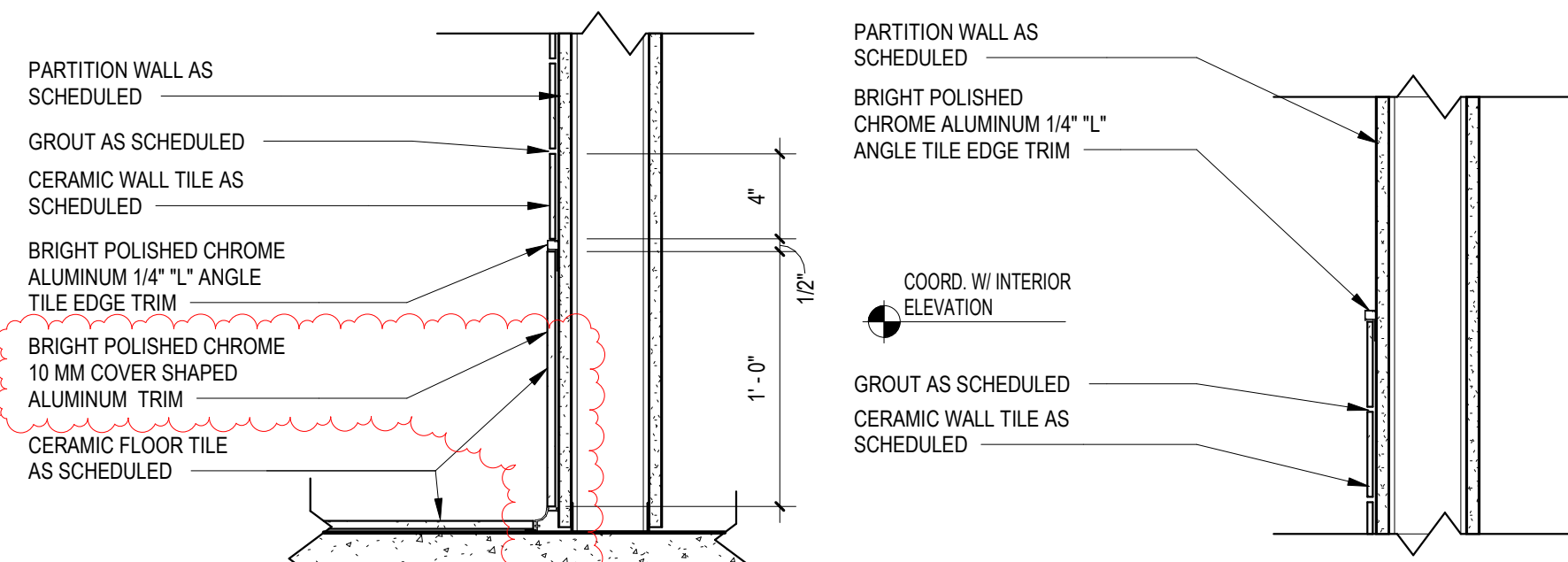
DOOR SCHEDULE - TODD ELEMENTARY SCHOOL PH2

NO.	LOCATION	TO ROOM	SIGNAGE	LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	TYPE	FRAME	MATERIAL	GLAZING	HARDWARE	HEAD	JAMB	SILL	THOLD	FIRE RATING	REMARKS	DOOR NO.
43	LOBBY (100)	TOILET (43)	D2	1	3'-0"	7'-0"	1 3/4"	D1	SLOCOV	---					02	H4	J4					43
103A	NURSE (103)	NURSES' TOILET (103a)	D2	1	3'-0"	7'-0"	1 3/4"	D1	SLOCOV	---					02	H4	J4					103A

G.C. TO PROVIDE AND INSTALL C2 SIGNAGES FOR ROOMS 22 AND 23

FINISH SCHEDULE

RM. NO.	LOCATION	FLOOR	MATERIAL	FINISH	BASE	FINISH	WALLS	FINISH	CEILING	REMARKS
	GIRLS		VCT1	VCT1	RUBBER BASE	RCB2	CERAMIC TILE-PAINTED	CT3	ACT1	
	BOYS		VCT1	VCT1	RUBBER BASE	RCB2	CERAMIC TILE-PAINTED	CT3	ACT1	
	NURSE (103)		VCT1	VCT1	RUBBER BASE	RCB2	CERAMIC TILE-PAINTED	CT3	ACT1	
	NEAR ROOM 125		VCT1	VCT1	RUBBER BASE	RCB2	CERAMIC TILE-PAINTED	CT3	ACT1	



NOTE: G.C. TO PROVIDE AND INSTALL BRIGHT POLISHED CHROME INTERNAL AND EXTERNAL CORNERS, END CAP AND CONNECTOR FOR COVER SHAPED ALUMINUM TRIM AS NEEDED.

TILE TRIM DETAIL
SCALE: 1 1/2" = 1'-0"

FINISH NOTES

- ALL FINISH TYPES (STYLE/COLOR/PATTERN) SHALL CONFORM TO THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE/COLOR/PATTERN TO BE SELECTED BY ARCHITECT.
- ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE. PRIOR TO FINISH PAINT APPLICATION.
- ALL WINDOWS IN AREA OF WORK ARE TO HAVE NEW SHADES OR BLINDS SUPPLIED AND INSTALLED BY GC. (1) PER WINDOW UNIT. G.C. SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.
- NEW AND EXISTING DOOR FRAMES ASSOCIATED IN SCOPE OF WORK SHALL BE PREPPED AND PAINTED WITH BENJAMIN MOORE LATEX SEMI-GLOSS PAINT BY GC. COLOR AS SELECTED BY ARCHITECT.
- REFER TO FLOOR PLANS FOR TILE PATTERNS.
- G.C. SHALL PREP/PRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY MC). COLOR AS SELECTED BY ARCHITECT.
- BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE FOR 30 DAYS.
- ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH AND RECEIVE (3) COATS OF 'BENWOOD' POLYURETHANE FINISH LOW LUSTER NO. 438 BY 'BENJAMIN MOORE' OR APPROVED EQUAL. STAIN COLOR AS SELECTED BY ARCHITECT. GC SHALL SUBMIT PHYSICAL COLOR SAMPLE FOR REVIEW AND APPROVAL.
- ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC UNLESS OTHERWISE NOTED. REFER TO SPEC SECTION 09900 FOR ADDITIONAL INFORMATION.
- ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED.
- PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT EXISTING FINISHES TO REMAIN.
- SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, GC MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
- DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC. COLOR AS SELECTED BY ARCHITECT.
- G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED FINISH AS PER SPEC. COLOR: WHITE. FLAT FINISH.
- REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED & TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX & PERCENTAGES, AS INDICATED IN THE PROJECT MANUAL.
- GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF NEW V.C.T. FLOORING.
- CONTRACTOR SHALL INSTALL PLANIPATCH PLUS BY 'MAPEI' OR APPROVED EQUAL OVER SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW FINISH FLOOR MATERIALS.

WALL TYPES:

TYPE P1: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: AS SELECTED BY ARCHITECT	TYPE P2: PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: AS SELECTED BY ARCHITECT
TYPE CT1: 4" X 4" CERAMIC WALL TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: MOSA COLOR: 15THIRTY - 15010 - MATTE (WHITE MATTE) NOTE: GROUT FOR CT1 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/16" UNLESS OTHERWISE NOTED.	TYPE CT2: 4" X 4" CERAMIC WALL TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: MOSA COLOR: 17980 - GLOSSY (ORANGE) NOTE: GROUT FOR CT1 TO BE CUSTOM - #381 BRIGHT WHITE. SPACED AT 1/16" UNLESS OTHERWISE NOTED.
TYPE CT3: 12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: GROUT FOR CT3 TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.	

RUBBER BASE TYPES:

TYPE RCB1: RUBBER COVE BASE BY 'JOHNSONITE' COLOR AS SELECTED BY ARCHITECT (CORRIDORS)	TYPE RCB2: RUBBER COVE BASE BY 'JOHNSONITE'
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CEILING TILE TYPES:

TYPE ACT1: ACOUSTIC CEILING TILE BY 'ARMSTRONG' SIZE: 24" X 24" X 5/8" STYLE: #1911 ULTIMA BEVELED REGULAR (CORRIDORS/CLASSROOMS/OFFICES)	TYPE ACT2: ACOUSTIC CEILING TILE BY 'ARMSTRONG' SIZE: 24" X 24" X 5/8" STYLE: # 770 CORTEGA SQUARE LAY-IN (STORAGE ROOMS/CUSTODIAL)
CEILING GRID: CEILING GRID BY 'ARMSTRONG' 15/16" PRELUDE, WHITE, U.O.N. NOTE: ALL CEILING TILE & GRID TO BE WHITE UNLESS OTHERWISE NOTED.	

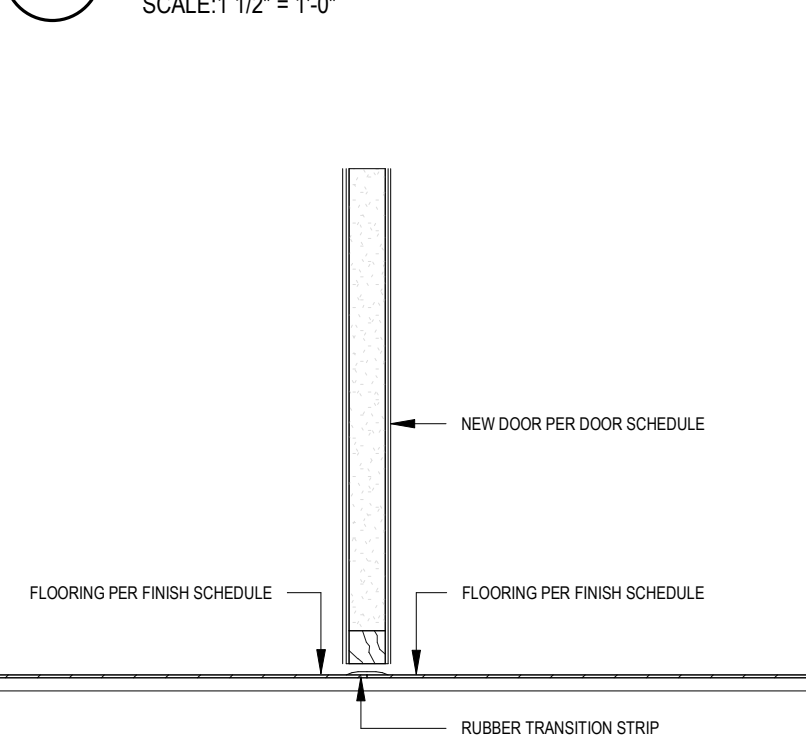
FLOOR MATERIAL TYPES

TYPE VCT1: 12" X 12" VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG EXCELON IMPERIAL COLOR: AS SELECTED BY ARCHITECT (CLASSROOMS, CORRIDOR)	TYPE CT4: 12" X 24" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO) NOTE: ALL GROUT FOR FLOORS TO BE CUSTOM - #380 HAYSTACK. SPACED AT 1/16" UNLESS OTHERWISE NOTED.
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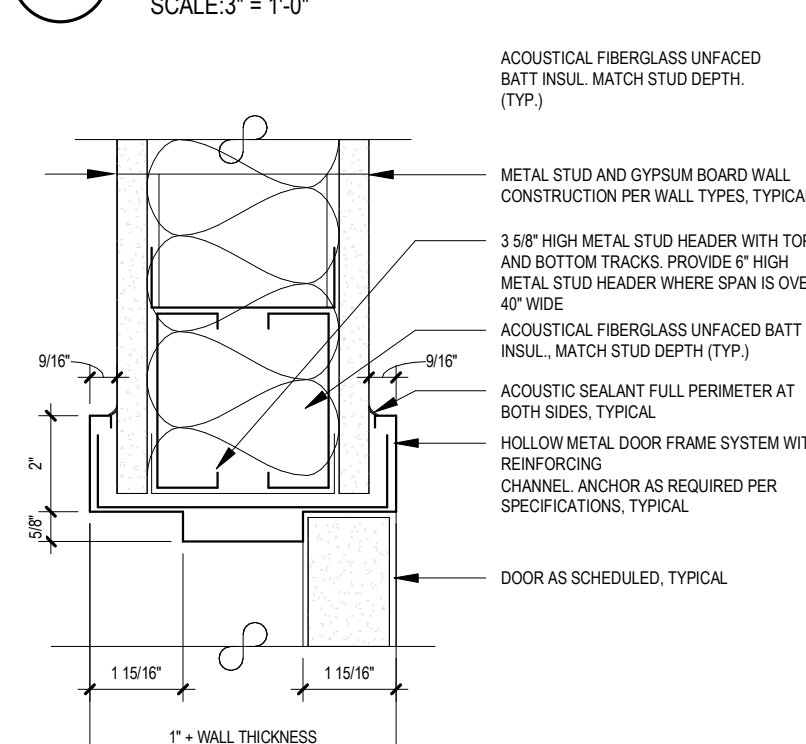
GYPSUM BOARD FINISHING

- GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214-96 RECOMMENDED LEVELS OF GYPSUM BOARD FINISH & JOB OF SPECIFICATION SECTION 09250.
- LEVEL 0 -** FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.
- LEVEL 1 -** FOR USE AT PLENUM AREAS, ABOVE CEILING, IN ATTICS & IN AREAS WHERE THE ASSEMBLY WOULD GENERALLY BE CONCEALED OR IN BUILDING CORRIDORS & OTHER AREAS NOT NORMALLY OPEN TO THE PUBLIC VIEW.
- LEVEL 2 -** FOR USE AT LOCATIONS WHERE WATER-RESISTANT GYPSUM BACKING BOARD IS INSTALLED AS A TILE SUBSTRATE AND FOR USE IN GARAGES, WAREHOUSE STORAGE OR OTHER SIMILAR AREAS WHERE SURFACE APPEARANCES ARE NOT OF PRIMARY CONCERN.
- LEVEL 3 -** FOR USE IN APPEARANCE AREAS THAT ARE TO RECEIVE HEAVY OR MEDIUM TEXTURE FINISHES BEFORE FINAL PAINTING, OR WHERE HEAVY - GRADE WALL COVERINGS ARE TO BE APPLIED AS THE FINAL DECORATION.
- LEVEL 4 -** FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.
- LEVEL 5 -** FOR USE WHERE GLOSS, SEMI-GLOSS, ENAMEL OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED, OR WHERE SEVERE LIGHTING CONDITIONS OCCUR (IN THE OPTION OF THE ARCHITECT).

T2 THRESHOLD DETAIL 2
SCALE: 1 1/2" = 1'-0"



J4 DOOR JAMB DETAIL 4
SCALE: 3" = 1'-0"



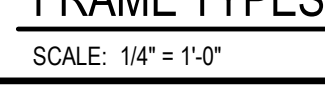
T4 THRESHOLD DETAIL 4
SCALE: 1 1/2" = 1'-0"



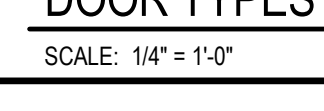
H4 DOOR HEAD DETAIL 4
SCALE: 3" = 1'-0"



FRAME TYPES



DOOR TYPES

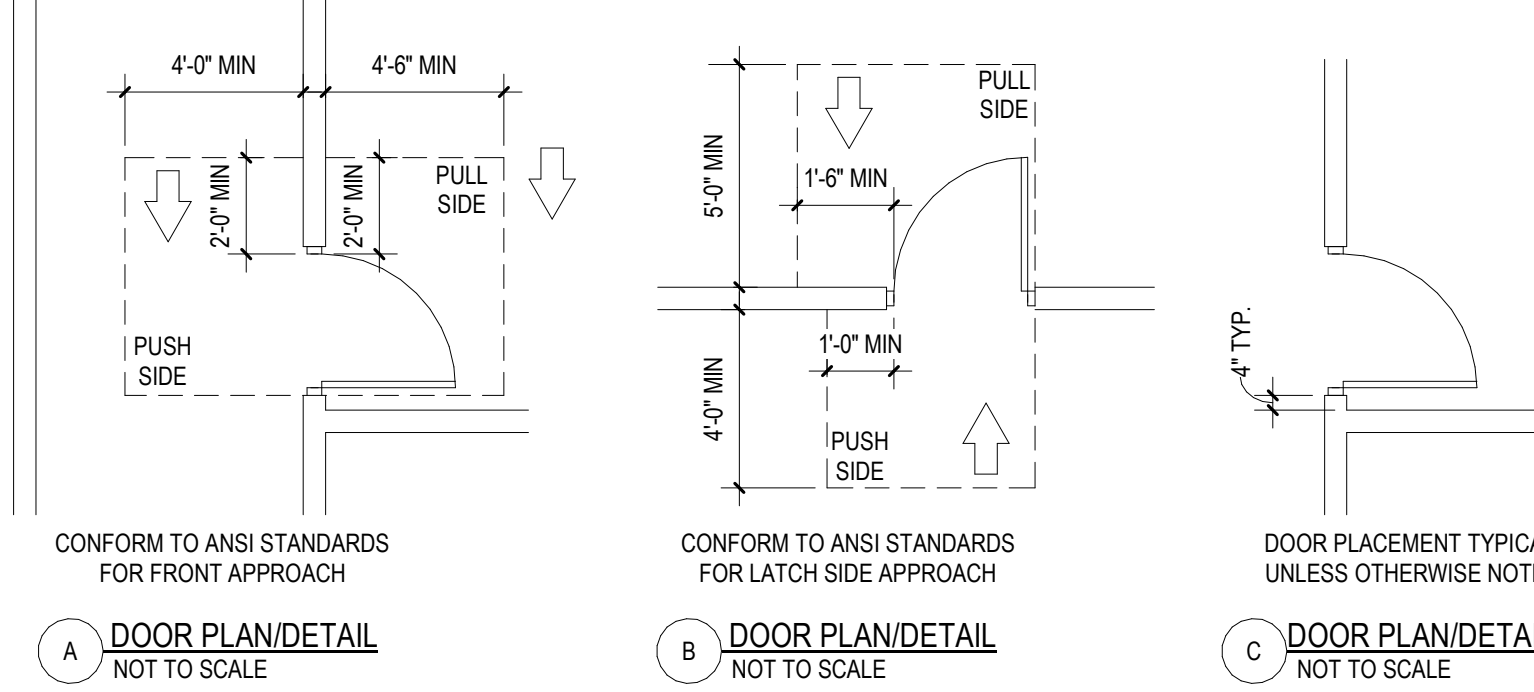


ABBREVIATIONS

ALUM.....ALUMINUM	M.C.O.V.....MINERAL CORE OAK VENEER
F.G.....1\"/>	

NOTES:

- ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
- ALL FIRE RATED WOOD DOORS SHALL HAVE SOLID MINERAL CORE. ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE LUMBER CORE.
- FLUSH WOOD DOORS SHALL BE 5 PLY LAMINATED FACE SHEETS WITH 2 PLY FINISH VENEER OVER SPECIFIED CORE. AT FIRE RATED DOORS, TOP AND BOTTOM RAILS AND STILES SHALL BE FIRE RESISTANT COMPOSITION MATERIAL BONDED TO CORE. REFER TO SPECIFICATION SECTION 08211 FOR ADDITIONAL INFORMATION.
- ALL GLAZING IN DOORS SHALL BE INSTALLED IN METAL VISION KIT TO MATCH FIRE LABEL. VISION KIT COLOR SHALL BE AS SELECTED BY ARCHITECT.
- ALL NEW H.M. FRAMES SHALL BE WRAP AROUND TYPE (UNLESS OTHERWISE NOTED OR DETAILED). THROATS SHALL BE SIZED ACCORDING TO WALL THICKNESS AND FINISH; REFER TO FLOOR PLAN AND ENLARGED DETAILS FOR ADDITIONAL INFORMATION.
- GENERAL CONTRACTOR SHALL MODIFY AND PATCH EXISTING WOOD OR H.M. DOOR FRAMES (DESIGNATED TO REMAIN) TO ACCOMMODATE NEW DOOR OPERATOR, LOCKSET LATCH, HINGES, DOOR SWING AND/OR CLOSER, ETC. AS REQUIRED FOR COMPLETE AND FUNCTIONAL OPERATION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING HEIGHT AND WIDTH OF PROPOSED DOORS TO BE INSTALLED IN EXISTING FRAMES (PRIOR TO SHOP DRAWING SUBMITTAL) TO ENSURE PROPER FIT AND DOOR FUNCTION.
- ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. COLOR AS SELECTED BY ARCHITECT.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. ACCESSIBLE SIGNAGE AT ALL DOORS (WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS) AND INSTALLED IN CONFORMANCE WITH ALL A.D.A. REQUIREMENTS.
 - WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL E-BTCUJST.
 - WHERE DENOTED IN SCHEDULE, PROVIDE 4"x12" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL E-BTCUJST.
 - WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT MULTI-USE TOILET ROOMS.
 - AT MULTI-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5687 (WOMEN), X-5672 (MEN), X-7095 (BOYS), X-7107 (GIRLS).
 - AT MULTI-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5688 (WOMEN), X-5671 (MEN), X-7108 (BOYS), X-7107 (GIRLS).
 - WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE USE TOILET ROOMS.
 - AT SINGLE USE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCUJST. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED.
 - AT SINGLE USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCUJST. SIGN SHALL SPECIFY STAFF OR STUDENT USE, IF REQUIRED.
- ALL REMOVABLE MULLIONS ARE TO BE KEVED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
- GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.



DOOR PLACEMENT DETAILS

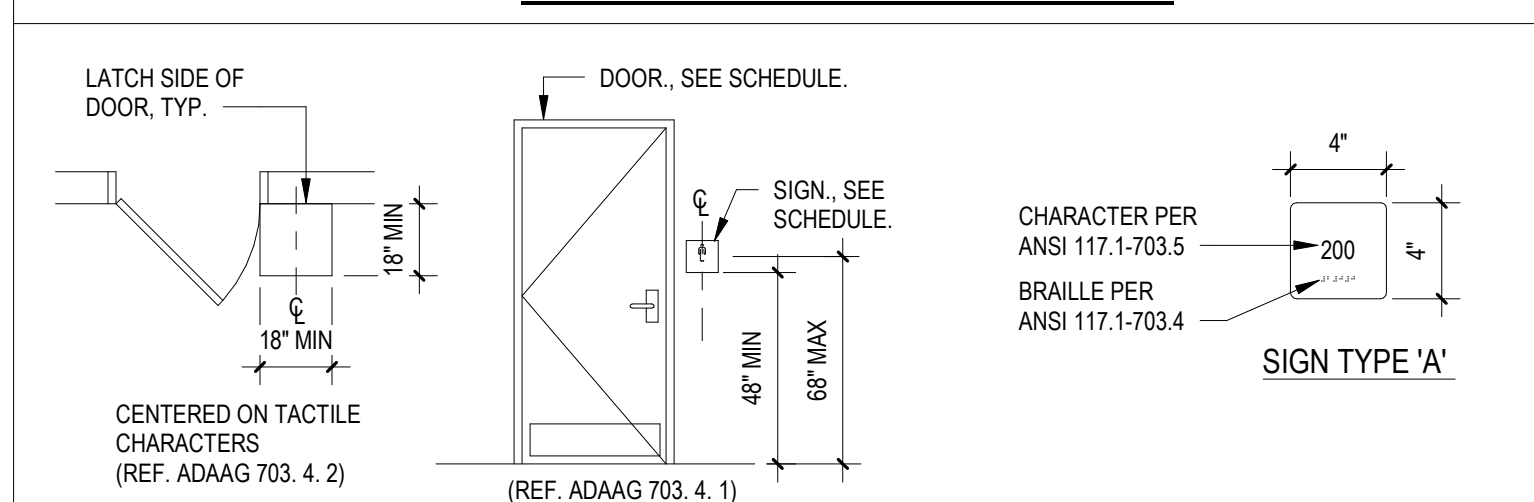
CONFORM TO ANSI STANDARDS FOR FRONT APPROACH (REF. ADAAG 703.4.2) NOT TO SCALE

CONFORM TO ANSI STANDARDS FOR LATCH SIDE APPROACH (REF. ADAAG 703.4.1) NOT TO SCALE

DOOR PLACEMENT TYPICAL UNLESS OTHERWISE NOTED

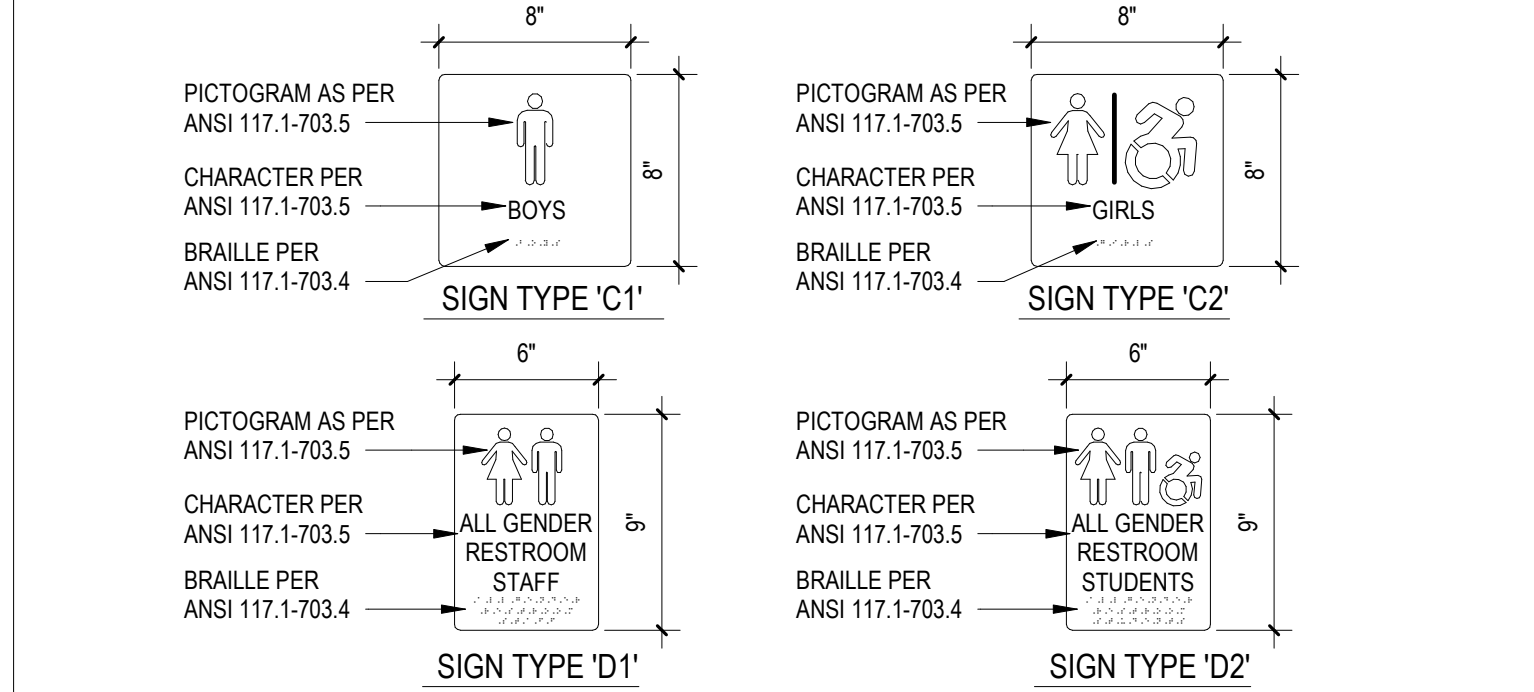
SCALE: N.T.S.

TYPICAL ADA SIGNAGE DETAILS



NOTES:

- SIGNS SHALL BE PROVIDED AND LOCATED AS REQUIRED BY CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE AND REFERENCE STANDARD ICC ANSI 117.1 AND THE PROJECT MANUAL.
- LOCATIONS SHALL INCLUDE, BUT NOT LIMITED TO: ACCESSIBLE BUILDING ENTRANCES, AREAS OF REFUGE, OFFICES, CLASSROOMS, TOILETS, STAIRWAYS, ELEVATORS AND AS INDICATED ON DRAWINGS.
- SIGNS SHALL COMPLY WITH ICC ANSI A117.1-2017 OR CURRENT EDITION AND SECTION 104.4 OF THE PROJECT MANUAL.
- SIGNAGE FOR ALL SINGLE OCCUPANCY TOILET FACILITIES SHALL FOLLOW EDUCATION LAW TITLE 1, ARTICLE 9 SECTION 409-m, EFFECTIVE MARCH 2021.



REV.	DATE	ITEM
1	11/28/2022	ADDENDUM # 1
2	12/07/2022	BID ADDENDUM # 2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHALL BE REFERENCED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND OBTAINED PER THE ORIGINAL DOCUMENTS OF THE OWNER'S INFORMATION.

BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS

PROJECT: DWG/TITLE

DWG. BY: R.K.
CHK. BY: G.E.O.

THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. REPRODUCTION OF ANY PART OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY ASSIGNMENT OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF BBS ARCHITECTS AND ENGINEERS.

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SED. NO.: 66-14-02-02-002-021

DISTRICT: BRIARCLIFF MANOR U.F.S.D.
PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG. TITLE: DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS

SCALE: AS NOTED
DATE: 12/7/2022
BID P/L DATE: 3/47/25 PM
FILE NO.: 21-274D

A8.01 TES

GENERAL NOTES

- REMOVAL & RELOCATION OF CERTAIN EXISTING WORK SHALL BE NECESSARY FOR THE PERFORMANCE OF THE NEW WORK SHOWN HEREIN. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE & MAKE ALL NECESSARY CHANGES BASED ON EXISTING CONDITIONS AS REQUIRED FOR PROPER DEMOLITION OF EXISTING WORK & SHALL INCLUDE ALL MATERIALS & LABOR FOR SAME IN HIS BID PRICE. NO ALLOWANCE WILL BE MADE FOR FAILURE TO DO SO.
- PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE PREMISES OF THE PROPOSED WORK & SHALL CAREFULLY EXAMINE THE ENGINEERING DRAWINGS, EXISTING CONDITIONS & LIMITATIONS THEREOF. VERIFY ACTUAL LOCATIONS WHERE THE NEW PIPING WILL BE ROUTED, COORDINATE WITH NEW & EXISTING WORK & PROVIDE CLEARANCE TO BUILDING STRUCTURE, OTHER SERVICES, ETC. THE CONTRACTOR SHALL INCLUDE ALL COSTS WHATSOEVER WHICH ARE INCURRED AS A RESULT OF LIMITATIONS OF THE EXISTING & NEW CONDITIONS. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT, MATERIALS, ETC. REQUIRED DUE TO DIFFICULTIES WHICH COULD HAVE BEEN FORESEEN WILL NOT BE CONSIDERED AS EXTRA WORK.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE & REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES OF MAGNITUDE WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHEN NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN CRATED SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AREAS AVAILABLE. ASCERTAIN FROM BUILDING OWNER AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH THE BUILDING.
- COORDINATE THE EXACT SIZE & LOCATION OF NEW OPENINGS WITH EXISTING STRUCTURE. PATCH / INSULATE AS REQUIRED. CONTRACTOR SHALL FIRESTOP ALL PENETRATIONS FROM NEW PIPING, CONDUIT, DUCTWORK, ETC. THROUGH EXISTING OR NEW FIRE/ SMOKE BARRIERS. REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS.
- IT IS THE INTENT OF THIS CONTRACT FOR REMAINING SYSTEMS TO BE LEFT IN GOOD WORKING ORDER, READY FOR OPERATION. COORDINATE ANY REQUIRED SYSTEM SHUTDOWNS WITH OWNER 48 HOURS IN ADVANCE. EXISTING SYSTEM SHUTDOWNS WILL NOT BE PERMITTED IF THEY INTERFERE WITH THE DAILY OPERATIONS OF THE BUILDING. CONTRACTOR WILL BE REQUIRED TO TAKE PROPER PRECAUTIONS AGAINST DAMAGING OR DISRUPTING BUILDING SYSTEMS, WIRING, PIPING OR CONTROL TUBING. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S COST AS A PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL REPAIR / RESTORE TO ORIGINAL CONDITION ANY EXISTING EQUIPMENT OR MATERIALS DAMAGED IN THE PROCESS OF INSTALLATION, OR DEMOLITION TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL MAKE REPAIRS USING THE SAME OR EQUIVALENT MATERIALS. WORK WILL BE PERFORMED AT THE CONTRACTOR'S COST.
- CONTRACTOR SHALL INCUR ANY COSTS OR BURDENS ASSOCIATED WITH LOST OR STOLEN EQUIPMENT / MATERIALS.
- DURING THE LIFE OF THE CONTRACT PERIOD, CONTRACTOR SHALL REMOVE ALL RUBBISH / EXCESS MATERIAL ACCUMULATED AS A RESULT OF HIS OPERATIONS ON A DAILY BASIS. ALL AREAS / EQUIPMENT AFFECTED UNDER THIS CONTRACT SHALL BE KEPT CLEAN OF DUST / DEBRIS. ALL AREAS SHALL RECEIVE A FINAL CLEANING PRIOR TO FINAL ACCEPTANCE BY THE OWNER.
- PROVIDE FOR LEGAL REMOVAL / DISPOSAL OF ALL RUBBISH / DEBRIS FROM THE BUILDING & SITE. PROTECT ALL WORK NOT SLATED FOR DEMOLITION.
- THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO SCHEDULING THE WORK. WORK SHALL BE PERFORMED IN PROPER SEQUENCE, AS AGREED TO BY ALL TRADES. ANY COSTS INCURRED BY THE OWNER DUE TO IMPROPER SEQUENCING OF WORK WILL BE PAID FOR BY THIS CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, CONNECTION CHARGES, ETC. ASSOCIATED WITH THE WORK UNDER THEIR CONTRACT.
- PAINT / TOUCH UP ALL SURFACES MARKED AS A RESULT OF THE PERFORMANCE OF THE CONTRACT WORK.
- THE MECHANICAL CONTRACTOR SHALL REFER TO / REVIEW ALL OTHER TRADE DRAWINGS IN THE BID PACKAGE & SHALL BE RESPONSIBLE FOR / PERFORM ALL WORK INDICATED AS (M.C.) MECHANICAL WORK AS A PART OF THE BASE BID UNLESS SPECIFICALLY NOTED OTHERWISE.
- SUBSTITUTED EQUIPMENT OF GREATER OR LARGER POWER, DIMENSIONS, CAPACITIES & RATINGS MAY BE FURNISHED PROVIDED THAT SAID EQUIPMENT IS APPROVED IN WRITING PRIOR TO ORDER. ANY CONNECTING MECHANICAL SERVICES, ELECTRICAL SERVICES, BASES, STRUCTURAL APPURTENANCES, ETC. REQUIRED TO BE INCREASED DUE TO THE USE OF SAID EQUIPMENT WILL BE PAID FOR IN FULL BY THE MECHANICAL CONTRACTOR, INCLUDING ANY ADDITIONAL REQUIRED ENGINEERING FEES.
- EACH PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A PERMANENT TYPE (LAMINATED, BLACK FINISH, WHITE CORE, PHENOLIC NAMEPLATE. NAMEPLATES SHOULD INDICATE THE NAME & NUMBER OF THE UNIT, UNIT VOLTAGE, & ANY INTERLOCK REFERENCE. STARTERS / DISCONNECT SWITCHES SHOULD ALSO BE EQUIPPED WITH AN IDENTICAL NAMEPLATE WITH THE SAME INFORMATION.
- "ATTIC STOCK" - UPON COMPLETION OF THE PROJECT, MECHANICAL CONTRACTOR SHALL COMPLETELY REMOVE / DISPOSE OF FILTERS USED DURING CONSTRUCTION & START-UP PROCEDURES. INSTALL NEW FILTERS IN ALL EQUIPMENT, MERV-8 OR BETTER UPON TURN OVER OF THE PROJECT TO THE OWNER. IN ADDITION, PROVIDE (2) COMPLETE SETS OF FILTERS FOR EACH PIECE OF EQUIPMENT & TURN OVER TO OWNER.
- MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EACH SIZE MOTOR USED ON THE PROJECT. IN INSTANCES WHERE MORE THAN TEN OF THE SAME MOTOR ARE USED, MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EVERY TEN MOTORS OF A GIVEN SIZE USED ON THE PROJECT.
- MAINTENANCE MANUAL - UPON COMPLETION OF THE PROJECT, THE MECHANICAL CONTRACTOR SHALL PROVIDE A BINDER CONTAINING THE OPERATIONS & MAINTENANCE MANUALS FOR EACH NEW PIECE OF EQUIPMENT INSTALLED UNDER THIS PROJECT. THE FIRST SECTION OF THE MAINTENANCE MANUAL SHALL CONTAIN A LIST OF EACH PIECE OF EQUIPMENT, COMPLETE WITH INFORMATION SHOWING APPROPRIATE REPLACEMENT FILTER SIZES / TYPES; APPROPRIATE REPLACEMENT BELT SPECIFICATIONS; REPLACEMENT MOTOR SPECIFICATIONS; REPLACEMENT BEARING SPECIFICATIONS, VOLTAGES OF UNIT, ETC. THIS SHALL SERVE AS A WRITTEN DATABASE DESCRIBING ALL MAINTENANCE INFORMATION FOR EACH NEW PIECE OF EQUIPMENT USED.

BOILER ROOM and PIPING NOTES

- THE DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL PIPING & EQUIPMENT, & INDICATE THE REQUIRED SIZE / POINTS OF TERMINATION OF THE PIPING & SUGGEST PROPER ROUTING OF SAME. IT IS NOT THE INTENTION OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, RISES, DROPS, OBSTRUCTIONS OR STRUCTURAL CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM & KEEP OPENINGS / PASSAGEWAYS CLEAR WITHOUT FURTHER CONSTRUCTION OR COST.
- ALL FLOOR MOUNTED BOILER ROOM EQUIPMENT SHALL BE INSTALLED ON A LEVEL, REINFORCED CONCRETE HOUSEKEEPING PAD, 4" THICK MIN. UNLESS OTHERWISE NOTED. ALL HOUSEKEEPING PADS SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. PADS SHALL BE REINFORCED W/ WELDED WIRE MESH & SHALL BE POURED USING 3,000 PSI CONCRETE.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL REQUIRED STRUCTURAL SUPPORTS FOR ALL PIPING SYSTEMS & EQUIPMENT AS REQUIRED. PIPING SYSTEMS SHALL BE EQUIPPED WITH EXPANSION COMPENSATORS AT THE INTERVALS REQUIRED. PROVIDE PIPING GUIDES / ANCHORS AS REQUIRED.
- MECHANICAL CONTRACTOR SHALL PROPERLY INSULATE ALL NEW PIPING SYSTEMS & EQUIPMENT. REFER TO SPECIFICATION SECTION 15250 FOR FURTHER DETAILS REGARDING INSULATION REQUIREMENTS. UPON COMPLETION OF INSULATION WORK, MECHANICAL CONTRACTOR SHALL PROPERLY LABEL EACH PIPING RUN SHOWING THE TYPE OF FLUID CARRIED & DIRECTION OF FLOW. PIPE IDENTIFICATION MARKERS SHALL BE INSTALLED EVERY 20 FEET IN THE PIPING RUNS.
- ALL VALVES WITHIN PIPING SYSTEMS SHALL BE TAGGED USING A 1/12" DIA. BRASS TAG. PROVIDE A LEGEND LISTING VALVE #, TYPE OF VALVE, SERVICE TYPE, & LOCATION OF VALVE. KEY VALVE #S TO AS-BUILT DRAWINGS UPON COMPLETION OF PROJECT.
- MECHANICAL CONTRACTOR SHALL SUBMIT (3) SETS OF OPERATING MANUALS FOR EACH PIECE / TYPE OF MECHANICAL EQUIPMENT.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL WIRING & DEVICES AS REQUIRED TO CONTROL THE BOILER ROOM EQUIPMENT AS DESCRIBED IN THE SEQUENCE OF OPERATIONS LISTED IN THE PROJECT MANUAL. REFER TO SPECIFICATION SECTION 15903 FOR FURTHER DETAILS.

FIRESTOPPING NOTES

- ALL PENETRATIONS RELATED TO MECHANICAL WORK THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED AS REQUIRED TO MAINTAIN THE RATING OF THE WALL. BY MECHANICAL CONTRACTOR. IT IS ASSUMED THAT ALL WALLS IN THE CONSTRUCTION CARRY A MINIMUM FIRE RATING OF 1 HR. IT SHOULD BE ASSUMED THAT ALL MACHINE ROOM WALLS / BOILER ROOM WALLS / ELECTRIC ROOM WALLS CARRY A RATING OF 2 HR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE REVIEW OF THE ARCHITECTURAL DRAWINGS IN ORDER TO DETERMINE FIRE RATINGS OF ALL WALLS / PARTITIONS RELATED TO WORK UNDER THIS CONTRACT.
- MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS. DUCTS PENETRATING SAID RATED BARRIERS SHALL BE EQUIPPED WITH A UL LISTED FUSIBLE LINK TYPE FIRE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER, POSITIONED FOR EASY REPLACEMENT OF THE LINK.
- MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS OCCUR BETWEEN SEPARATE SMOKE ZONES. DUCTS PENETRATING SAID FIRE / SMOKE BARRIERS SHALL BE EQUIPPED WITH A UL LISTED COMBINATION FIRE / SMOKE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE / SMOKE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER. DAMPER ACTUATOR & RELATED WIRING SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE DAMPER INSTALLATIONS W/ E.C. TO VERIFY PROPER CLEARANCES TO ASSURE PROPER DAMPER OPERATION.
- MECHANICAL CONTRACTOR SHALL PROVIDE A FULL SET OF AS-BUILT DRAWINGS, SHOWING EACH DAMPER LOCATION, TYPE OF DAMPER, ACCESS DOOR LOCATIONS, ETC.
- CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS REGARDING FIRESTOPPING MATERIALS & METHODS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED. FIRESTOP MATERIALS OTHER THAN THE PRODUCTS SPECIFIED SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRESTOPPING MATERIALS.

GENERAL INSTRUMENTATION NOTES

- AT A MINIMUM, PROVIDE THERMOMETERS / WELLS AT THE FOLLOWING LOCATIONS:
 - AT INLETS & OUTLET OF EACH THREE WAY VALVE (UNIT VENTILATORS / CABINET UNIT HEATER INSTALLATIONS EXCEPTED).
 - AT INLET & OUTLET OF EACH HYDRONIC BOILER, CHILLER OR COOLING TOWER.
 - AT INLET & OUTLET OF EACH HYDRONIC COIL IN AIR HANDLING UNITS & BUILT-UP CENTRAL SYSTEMS.
- AT A MINIMUM, PROVIDE LIQUID FILLED PRESSURE GAUGES / WELLS AT THE FOLLOWING LOCATIONS:
 - AT SUCTION & DISCHARGE OF EACH PUMP.
 - FOR EACH MAKEUP WATER LINE.
 - BEFORE & AFTER ALL PRESSURE REDUCING VALVES.
 - AT ACCESSIBLE HIGH POINT OF ALL HYDRONIC PIPING SYSTEMS.
 - AT ALL EXPANSION / COMPRESSION TANKS.

PIPING SYSTEMS and EQUIPMENT VENTING NOTES

- MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER VENTING OF ALL NEWLY INSTALLED HYDRONIC PIPING SYSTEMS. AUTOMATIC AIR VENTS SHALL BE INSTALLED AT EVERY HIGH POINT IN THE PIPING SYSTEM WHERE AIR CAN COLLECT. PROVIDE COOK IN RISER PRIOR TO AUTOMATIC AIR VENT. NEW AIR VENTS SHALL BE "TACO" #HY-VENT OR EQUIVALENT.
- MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL NEW AUTOMATIC AIR VENT FOR EACH AIR HANDLING UNIT COIL OR DUCT MOUNTED COIL. INSTALL SHUT-OFF COCK PRIOR TO VENT TIE-IN.
- MECHANICAL CONTRACTOR SHALL PROVIDE NEW MANUAL AIR VENTS FOR ALL UNIT VENTILATOR COILS, CONNECTORS, FAN COIL UNITS, FIN TUBE RADIATORS, ETC. MANUAL VENTS SHALL BE "TACO" #M17 COIN VENT OR EQUIVALENT. PROVIDE SHUT-OFF COCK PRIOR TO VENT. AIR COIL VENT DISCHARGE IN AN APPROPRIATE MANNER AS TO FACILITATE THE CAPTURE OF BLEED WATER WHILE PERFORMING SYSTEM BLEEDING OPERATIONS.

ELECTRICAL WORK UNDER MECHANICAL CONTRACT

- MECHANICAL CONTRACTOR SHALL PROVIDE ALL STARTERS & DISCONNECT SWITCHES REQUIRED FOR ALL NEW MECHANICAL EQUIPMENT. STARTER / DISCONNECT SWITCH INSTALLATION TO BE PERFORMED UNDER THE ELECTRICAL CONTRACT. COORDINATE WORK W/ ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.
- POWER WIRING REQUIRED FOR CONTROLS SHALL BE PERFORMED UNDER THE MECHANICAL CONTRACT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE ELECTRICAL DRAWINGS. MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A LICENSED ELECTRICIAN (PER NEC REQUIREMENTS) TO PERFORM ALL ELECTRICAL WORK.

DUCTWORK NOTES

- PROVIDE ALL NEW DUCTWORK AS SHOWN AND SPECIFIED UNDER SPECIFICATION SECTION 015891, AND IN CONFORMANCE WITH SMACNA SPECIFICATIONS.
- IF A DUCT ELBOW IS SHOWN TO BE RADIUSSED, THEN RADIUSSED ELBOWS SHALL BE INSTALLED. SQUARE ELBOWS MAY NOT BE SUBSTITUTED WHERE RADIUSSED ELBOWS ARE SHOWN. WHERE SQUARE ELBOWS ARE SHOWN, TURNING VANES SHALL BE INSTALLED UPON APPROVAL BY THE ENGINEER.
- PROVIDE DUCT LINING IN ALL DUCTWORK THAT IS CONVEYING BELOW AMBIENT TEMPERATURE AIR & IS NOT INSULATED. PROVIDE LINING IN SUPPLY & RETURN AIR DUCTWORK FROM AIR HANDLING EQUIPMENT TO 20 FEET AWAY FROM THE UNIT(S). IN ADDITION, INCLUDE LINING IN ANY OTHER DUCT SPECIFICALLY SHOWN OR SPECIFIED TO BE EQUIPPED WITH LINING. REFER TO SPECIFICATION SECTION 15891 & 15290 FOR FURTHER INFORMATION.
- WHERE FLEXIBLE DUCTWORK IS USED, LENGTHS MAY NOT EXCEED 4 FEET TOTAL IN ANY ONE RUN OF FLEXIBLE DUCTWORK. FLEXIBLE DUCTWORK SHALL BE RATED IN ACCORDANCE WITH UL 181, CLASS 1. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.
- MECHANICAL CONTRACTOR SHALL PROVIDE A BUTTERFLY TYPE VOLUME DAMPER WITH LOCKING QUADRANT HANDLE PRIOR TO EACH AIR OUTLET SHOWN. INSTALL DAMPER AT LEAST 5 FEET AWAY FROM AIR OUTLET WHEREVER POSSIBLE.
- MECHANICAL CONTRACTOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS WHERE DUCT SYSTEMS CONNECT TO EQUIPMENT. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.

TESTING and BALANCING NOTES

- MECHANICAL CONTRACTOR WILL BE REQUIRED TO PERFORM ALL EQUIPMENT & SYSTEM TESTING / BALANCING REQUIRED UNDER THIS CONTRACT. PROVIDE A FULL REPORT DETAILING ALL DESIGN & ACTUAL CONDITIONS FOR ALL AIR & HYDRONIC SYSTEMS SHOWN ON THE DRAWINGS. REFER TO SPECIFICATION SECTIONS 15990 & 15997 FOR FURTHER DETAILS.
- UPON NOTICE OF COMPLETION OF WORK BY THE CONTRACTOR, OWNER WILL OBTAIN THE SERVICES OF AN INDEPENDENT TESTING & BALANCING CONTRACTOR TO VERIFY THE RESULTS OF THE TESTING & BALANCING REPORT SUBMISSION. INDEPENDENT TESTING AGENCY SHALL SELECT A RANDOM NUMBER OF MEASUREMENTS TO BE CHECKED. MEASUREMENTS WILL BE CHECKED IN THE SAME MANNER AS ORIGINALLY MEASURED. NUMBER OF VERIFICATION MEASUREMENTS SHALL BE APPROXIMATELY 25% OF THE TOTAL MEASUREMENTS FOR THE PROJECT.
- IF MORE THAN 10% OF THE VERIFICATION TESTING SHOWS DEVIATIONS OF 10% OR MORE / SOUND LEVEL OF 2dB DIFFERENT THAN THAT ORIGINALLY MEASURED, THE ORIGINAL REPORT WILL BE REJECTED. ALL SYSTEMS WILL THEN BE REQUIRED TO BE COMPLETELY RE-TESTED WITH A SECOND REPORT SUBMITTED. IN THE EVENT THAT THE ORIGINAL REPORT IS REJECTED, ALL SYSTEMS SHALL BE READJUSTED & TESTED. NEW CERTIFIED REPORTS SUBMITTED, AND NEW VERIFICATION TESTS MADE, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INVOLVED WITH THE VERIFICATION TESTS.

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
B.D.	BACKDRAFT DAMPER
DWS	COLD WATER SUPPLY
CFM	CUBIC FEET OF AIR PER MINUTE
D.	DEEP / DEPTH
DIA-	DIAMETER
FAT	FLOAT & THERMOSTATIC
FFM	FEET PER MINUTE
FSD	FIRE DAMPER / DUCT MOUNTED
FLEX	FLEXIBLE
FO	FLAT OVAL DUCTWORK
GA	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H.	HIGH
H.C.	HANDICAPPED
HWS	HEATING SYSTEM HOT WATER SUPPLY
HWR	HEATING SYSTEM HOT WATER RETURN
HP	HORSEPOWER
I.D.	INSIDE DIAMETER
KW	KILOWATT
L	LONG
LAT.	LEAVING AIR TEMPERATURE
LPC	LOW PRESSURE STEAM CONDENSATE
LPS	LOW PRESSURE STEAM
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MIN.	MINIMUM
MBH	BTU x 1,000
MFR	MANUFACTURER
M.H.	MANHOLE
MISC.	MISCELLANEOUS
MTD.	MOUNTED
G	NATURAL GAS
N.I.C.	NOT IN CONTRACT
No. / #	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.S. & Y.	OUTSIDE SCREW & YOKE
O.C.	ON CENTER
PE	PNEUMATIC / ELECTRIC
PRFAB	PREFABRICATED
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
R.A.	RETURN AIR
REQD.	REQUIRED
RPM	REVOLUTIONS PER MINUTE
S.A.	SUPPLY AIR
SCH.	SCHEDULE
S.P.	STATIC PRESSURE
STD.	STANDARD
T	TEMPERATURE
TXV	THERMAL EXPANSION VALVE
TYP.	TYPICAL
VOL.	VOLUME
V.D.	VOLUME DAMPER
VOL.	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
W.	WIDE
W/	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WTD	WATER TEMPERATURE DROP
WTR	WATER TEMPERATURE RISE
WPD	WATER PRESSURE DROP

MECHANICAL SYMBOL LEGEND

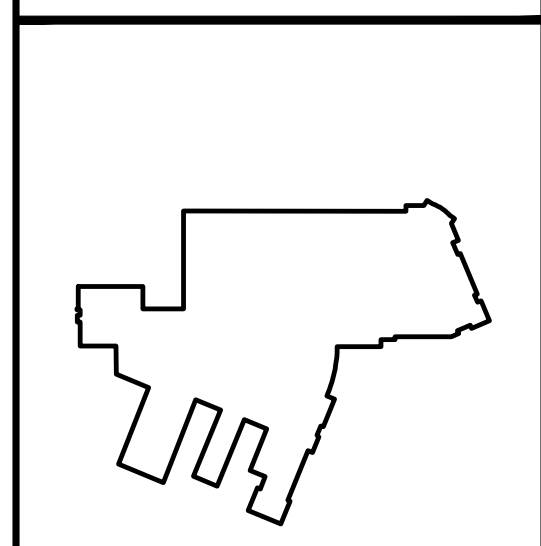
SYMBOL	DESCRIPTION
	RECTANGULAR GALVANIZED DUCTWORK - DIMENSIONS 'W' x 'H'
	NEW SUPPLY DUCTWORK TO RISE UP
	NEW SUPPLY DUCTWORK TO DROP DOWN
	NEW RETURN DUCTWORK TO RISE UP
	NEW RETURN DUCTWORK TO DROP DOWN
	TRANSITION IN DUCTWORK
	FIRE DAMPER INSTALLED IN DUCTWORK
	VOLUME DAMPER IN DUCT (w/ LOCKING QUADRANT HANDLE)
	ROUND DUCT WORK TO RISE UP
	ROUND DUCTWORK TO DROP DOWN
	FLAT OVAL DUCT WORK
	RECTANGULAR TO ROUND DUCT TRANSITION
	ELBOW IN DUCTWORK w/ TURNING VANES
	ELBOW IN DUCTWORK (RADIUS + 1.5 x d)
	45 DEG. TAKEOFF FITTING
	90 DEG. TAKEOFF w/ BELLMOUTH FITTING
	FLEXIBLE DUCTWORK TO DIFFUSER (4 FT. MAX. RUN)
	4-WAY PATTERN CEILING DIFFUSER
	3-WAY PATTERN CEILING DIFFUSER
	2-WAY PATTERN CEILING DIFFUSER (90 DEG. / OPPOSING PATTERN)
	CEILING RETURN AIR REGISTER
	LINEAR SLOT DIFFUSER
	ROOF MOUNTED EXHAUST FAN

PIPING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PIPING TO RISE UP (TEE)
	PIPING TO DROP DOWN (TEE)
	PIPING TO RISE UP (ELBOW)
	PIPING TO DROP DOWN (ELBOW)
	PIPING ANCHOR
	PIPING GUIDE
	COLD WATER SUPPLY PIPING
	HEATING SYSTEM SUPPLY PIPING
	HEATING SYSTEM RETURN PIPING
	CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING
	CONDENSER WATER SUPPLY PIPING
	CONDENSER WATER RETURN PIPING
	CONDENSATE DRAINAGE PIPING
	LOW PRESSURE STEAM CONDENSATE PIPING
	LOW PRESSURE STEAM PIPING
	LOW PRESSURE NATURAL GAS PIPING
	ELEVATED PRESSURE NATURAL GAS PIPING
	GAS COCK
	DIRT LEG IN PIPING
	LIQUEFIED PETROLEUM GAS PIPING
	VENT PIPING
	LINEAR EXPANSION COMPENSATOR
	EXPANSION LOOP IN PIPING
	UNION IN PIPING
	PIPING STRAINER (w/ BLOWDOWN VALVE)
	REDUCER / INCREASER FITTINGS IN PIPING
	ECCENTRIC REDUCER IN PIPING
	THERMOMETER
	PRESSURE GAUGE
	FULL PORT BALL VALVE
	GATE VALVE
	SWING CHECK VALVE
	BALANCING VALVE
	3-WAY VALVE (w/ OPERATOR)
	CIRCUIT CUTTER
	TRIPLE DUTY VALVE
	WAFER VALVE
	PLUG / CAP IN PIPING
	PNEUMATIC CONTROL VALVE OPERATOR
	ELECTRIC CONTROL VALVE OPERATOR
	AUTOMATIC AIR VENT
	EXISTING PIPING

REV.	DATE	ITEM
1	12.07.22	BID ADDENDUM #2

NOTICE
 THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY MAY NOT HAVE BEEN BUILT AND DETAIL PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



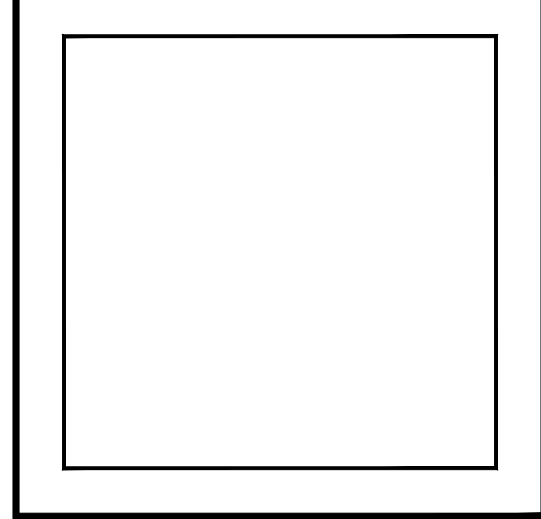
KEY PLAN
 NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

MECHANICAL
 GENERAL NOTES, LEGENDS, AND SCHEDULES

PROJECT
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SED No: 66-14-02-02-0-002-021
 DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME
 PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES
 DWS TITLE: GENERAL NOTES, LEGENDS AND SCHEDULES
 SCALE: AS NOTED
 DATE:
 BID PICK-UP: NOVEMBER 14, 2022
 FILE No: 21-247D

NOTE - SINGLE PRIME CONTRACT:
 1. UNDER BASE BID - GC-2 , ALL GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION, PLUMBING CONSTRUCTION, AND ELECTRICAL CONSTRUCTION WORK SCOPE SHOWN SHALL BE PROVIDED AND INSTALLED BY THE SINGLE PRIME CONTRACTOR. REFER TO SPECIFICATIONS (INSTRUCTIONS TO BIDDERS and BID PROPOSAL FORM) FOR ADDITIONAL INFORMATION REGARDING SINGLE PRIME CONTRACT.

M0.01 TESS

PLUMBING FIXTURE SCHEDULE							
LABEL	FIXTURE	SPECIFICATION	TRAP	VENT	COLD	HOT	TEMPERED
P-1	FLOOR MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD MADERA FLO-WISE 16-1/2" HEIGHT WHITE VITREOUS CHINA WITH EVERCLEAN TOILET NO. 3461 660 FLOOR MOUNTED WITH TOP SPUD. THE TOP OF WATER CLOSET SEAT SHALL BE 17-1/2" ABOVE FINISHED FLOOR. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED SELECTRONIC FLO-WISE FLUSHOMETER MODEL 6065 121 002 LOW CONSUMPTION (1.28 G.P.F.) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH WITH AMERICAN STANDARD ELONGATED HEAVY DUTY WHITE PLASTIC SEAT MODEL 5961 - OPEN FRONT WITH EVERCLEAN SURFACE.	4"	2"	1-1/2"	--	--
P-2	WALL MOUNTED LAVATORY - ADA	AMERICAN STANDARD LUCERNE WHITE VITREOUS CHINA WALL HUNG LAVATORY MODEL 0355 012 WITH FRONT OVERFLOW, FAUCET LEDGE, "D" SHAPED BOWL, SELF-DRAINAGE DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS AND BRACKET SUPPORT. INSTALL WITH AMERICAN STANDARD INSBROOK SELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL 6053 205 BATTERY POWERED FAUCET (0.5 GPM) WITH AMERICAN STANDARD MODEL 6637M1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRILEERO MODEL 2016-ASU LAV SHIELD ENCLOSURE AND ALL NECESSARY SUPPORTS AND CONNECTIONS. REFER TO ARCHITECTURAL DWGS. FOR FIXTURE MOUNTING HEIGHTS. P.C. TO FURNISH AND INSTALL McGraw MODEL # 8902C CAST BODY P-TRAP WITH CLEANOUT WITH 18 GAUGE SEAMLESS TUBULAR WALL BEND, CAST BRASS SLIP NUT, REDUCING WASHERS SHALL BE USED WITH REDUCING CAST BRASS NUT. WITH SHALLOW DEEP BELL (STEEL BRASS), OR (FORGED BRASS WITH SET SCREW) FLANGE. FED SPEC W.W.P. 541. CAT BRASS P-TRAP. MINIMUM SEAL 2" A.S.M.E A112.18.2(CSA B-105)2. P.C. TO FURNISH AND INSTALL McGraw MODEL S.F.15107 ANGLE SUPPLY STOP COPPER SWEAT X O.D. CHROME PLATED BRASS. SUPPLY STOP VALVE WITH FULL TURN BRASS STEM. INLET SHALL (3/8 1/2) INCH (IPS, SWEAT, COMPRESSION). OUTLET SHALL BE (3/8 1/2) INCH (IPS, SWEAT, COMPRESSION). ASME A112.18.2 UP/CL. P.C. TO FURNISH AND INSTALL LAVATORY CARRIER (CONCEALED ARMS). REFER TO THE ARCHITECTURAL DRAWINGS FOR WALL THICKNESS. WALL CARRIER FOOTPRINT SHALL FIT WITHIN THE WALL. REGULARLY FURNISHED: SINGLE LAVATORY FIXTURE SUPPORT WITH PAINTED CAST IRON HEADER COUPLINGS, ROUND TUBULAR STEEL UPRIGHTS, CAST IRON CONCEALED ARMS, ZINC PLATED SUPPORT HARDWARE AND WELDED BASE FEET. ASME TYPE 2 CARRIER LOAD RATING=250LB. P.C. TO FURNISH AND INSTALL AMERICAN STANDARD MODEL#7723.018 OFF DRAIN WITH OVERFLOW. FOR WHEELCHAIR LAVATORY. POLISHED CHROME FINISH.	1-1/2"	1-1/2"	1/2"	1/2"	--
P-3	DECK PLATE CLEAN OUT	ZURN ZN1400-B21-VP CLEANOUT, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, WITH GAS AND WATER TIGHT THREADED ABS TAPERED PLUG, POLISHED NICKEL BRONZE TOP AND VANDAL-PROOF SCREWS. (CLEANOUT SIZE TO MATCH PIPE SIZE)	--	--	--	--	--
P-4	DROP-IN CLASSROOM SINK AND BUBBLER	ELKAY MODEL DRKAD2217401 LUSTERTONE™ CLASSIC STAINLESS STEEL 22" X 17" X 4". SINGLE BOWL, 2-HOLE DROP-IN CLASSROOM ADA SINK. SINK IS MANUFACTURED FROM 18 GAUGE 304 STAINLESS STEEL WITH A LUSTROUS SATIN FINISH. CENTER DRAIN PLACEMENT. AND BOTTOM ONLY PADS. ELKAY MODEL LKSS1414 STAINLESS STEEL CLASSROOM BUBBLER. ELKAY MODEL LKSS3-12" DRAIN FITTING TYPE 304 STAINLESS STEEL BODY STRAINER BASKET AND TAILPIECE. PC TO CAP ADDITIONAL HOLE IN SINK (ONLY BUBBLER HOLE IS NEEDED).	1-1/2"	1-1/2"	1/2"	--	--

LEGEND	
	COLD WATER SUPPLY LINE
	HOT WATER SUPPLY LINE
	HOT WATER RETURN LINE
	TEMPERED WATER LINE
	VENT LINE
	SANITARY WASTE LINE
	BALANCING VALVE
	BALL VALVE
	UNION
	CLEAN OUT DECK PLATE
	CLEAN OUT IN WALL
	CLEAN OUT
	PIPE RUNNING UP
	PIPE RUNNING DOWN
	FLOOR DRAIN
	ROOF DRAIN
	STRAINER
	SOLENOID CONTROLLED VALVE
	POINT OF DISCONNECTION/CONNECTION
	INTERIOR WALL HYDRANT SEE PLUMBING FIXTURE SCHEDULE
	CHECK VALVE
U.O.N.	UNLESS OTHERWISE NOTED
A.F.G.	ABOVE FINISHED GRADE

GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE AND OF ALL AUTHORITIES HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING RELATED FEES.
2. PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS ETC. EVEN THOUGH NOT INDICATED DUE TO SMALL SCALE OF DRAWINGS.
3. CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID ANY CONFLICTS.
4. RUN PIPING IN WALL CHASE, RECESSES, PIPE SHAFTS AND HUNG CEILING WHERE PROVIDED. COORDINATE LOCATION WITH OTHER TRADES.
5. PROVIDE ACCESSIBLE CONTROL TO VALVES WHERE NOTED OR REQUIRED FOR COMPLETE WORK FOR STEMS, PLUMBING FIXTURES ACCESSIBLE.
6. USE INCREASED FITTINGS FOR CHANGES IN PIPE SIZE. USE NO BUSHINGS EXCEPT WITH SPECIAL PERMISSION BY ENGINEER.
7. PLUMBING CONTRACTOR SHALL FURNISH ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT AND APPLIANCES REQUIRED FOR A COMPLETE PLUMBING AND DRAINAGE INSTALLATION AS SHOWN ON THE DRAWING. INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS:
 - 7.1. INSTALL ALL NEW PIPING CONNECTIONS TO PLUMBING FIXTURES AND FITTINGS ETC.
 - 7.2. PROVIDE AND INSTALL NEW HOT & COLD WATER CONNECTIONS TO ALL NEW PLUMBING FIXTURES AS SHOWN.
 - 7.3. ROUGH-IN AND FINAL CONNECTIONS TO ALL NEW PLUMBING FIXTURES.
 - 7.4. ALL NECESSARY HANGERS AND INCIDENTALS AS REQUIRED TO MAKE EACH SYSTEM COMPLETE.
 - 7.5. CONTRACTOR SHALL PROVIDE AND INSTALL 1" THICK FACED FIBERGLASS PIPE INSULATION ON ALL NEW HOT & COLD WATER PIPING.
 - 7.6. PERFORM ALL TEST AND ADJUSTMENT TO ALL SYSTEMS UNDER THIS CONTRACT AND DOCUMENT SAME TO PROVE PROPER OPERATION TO OWNER AND THE ENGINEER.
8. RUN VENT PIPING WITH LONG TURN ELBOWS AT CHANGES IN DIRECTION, GRADE TO DRAIN OUT OF CONDENSATION AND CONNECT AT BASE TO PREVENT ACCUMULATION OF RUST.
9. PROVIDE CLEAN OUTS (FULL SIZE UP TO 4" AND AT LEAST 4" HALF-SIZE FOR LARGER PIPE) WHERE INDICATED.
10. INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER. UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE "K" COPPER FOR UP TO 2" AND DUCTILE IRON OVER 2". WASTE PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE, HUB AND SPIGOT UNDERGROUND AND NO-HUB INSIDE BUILDING. VENT PIPING SHALL BE NO HUB CAST IRON.
11. PIPE INSULATION SHALL BE AS FOLLOWS:

FOR PIPING	1-1/2" and BELOW	1-1/2" and ABOVE
HOT & TEMPERED WATER	1"	1-1/2"
COLD WATER	1/2"	1"
12. ALL WORK SHALL BE PROPERLY TESTED AND CLEANED. PROVIDE ONE YEAR WARRANTY FROM DATE OF ENGINEER'S ACCEPTANCE ON ALL PARTS AND LABOR.
13. RUN ALL WATER AND WASTE LINES IN GENERAL LOCATIONS SHOWN BUT CONFORM TO ALL STRUCTURAL AND FINISH CONDITIONS OF BUILDING. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATIONS.
14. ALL WATER LINES IN EXTERIOR WALL SHOULD BE BETWEEN INSULATION AND INTERIOR OF WALL.
15. ALL CONCRETE FLOOR OR WALL CUTTING AND PATCHING BY PLUMBING CONTRACTOR.
16. WHERE DISSIMILAR METALS ARE CONNECTED, PROVIDE AN APPROVED MAKE OF NON-GALVANIC ISOLATOR, DIELECTRIC UNION OR FLANGES.
17. ALL VERTICAL ENCLOSURES AND CHASES FOR PIPING BY G.C. UNLESS OTHERWISE NOTED.
18. ALL PLUMBING PIPING PENETRATIONS THROUGH FIRE RATED WALL OR FLOOR ASSEMBLIES SHALL BE FIRE-STOPPED WITH "METACAULK 1000" FIRE RESISTANT CAULKING (3/4" DEPTH SIDES OF PENETRATION). SEE SPEC. SECTION 15050A, 2.15 & 3.12.

UTILITY NOTES:

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

EPA 67.4 NOTE:

1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 15A SPECIFICATIONS OUTLINED IN THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD FREE". THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR ALL FIXTURES AND BUILDING MATERIALS PRIOR TO THE FIXTURE INSTALLATION, AND CONFIRM ON THE JOBSITE THAT THE FIXTURE ADHERES TO "LEAD-FREE" REGULATIONS.
 - a. FOLLOWING THE POTABLE FIXTURE INSTALLATION, THE P.C. SHALL REMOVE ALL FILTERS AND STRAINERS AND FLUSH THE FIXTURE OF DEBRIS FROM THE SYSTEM.
2. FOLLOWING THE COMPLETION OF THE P.C. WORK SCOPE, THE OWNER SHALL HAVE THE WATER CONDITIONS TESTED FOR LEAD CONTAMINANTS BY A THIRD-PARTY TESTING FIRM TO REGULATION 67.4 OF THE DEPARTMENT OF HEALTH REGULATIONS AS PART OF SECTION 1417 OF THE FEDERAL SAFE WATER ACT TO DETERMINE THEM AS "LEAD-FREE" COMPLIANT, AND NYSED GUIDELINES OF LESS THAN 15PPB.
3. IF A FIXTURE DOES NOT COMPLY WITH SUB-PART REGULATION 67.4 OF THE DPH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL PROVIDE A REPLACEMENT FIXTURE AT NO ADDITIONAL COST. TO THEN REPEAT THE INSTALLATION AND TESTING REQUIREMENTS. THE P.C. SHALL ABSORB THE FEE FOR THE FIRST LEAD TESTING PROCEDURE AS WELL AS THE FOLLOWING CONFIRMATION PROCEDURES AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR ABBREVIATION LEGEND

G.C.	GENERAL CONSTRUCTION CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
A.C.	ASBESTOS ABATEMENT CONTRACTOR

EXISTING PLUMBING PIPING FIELD VERIFICATION NOTES:

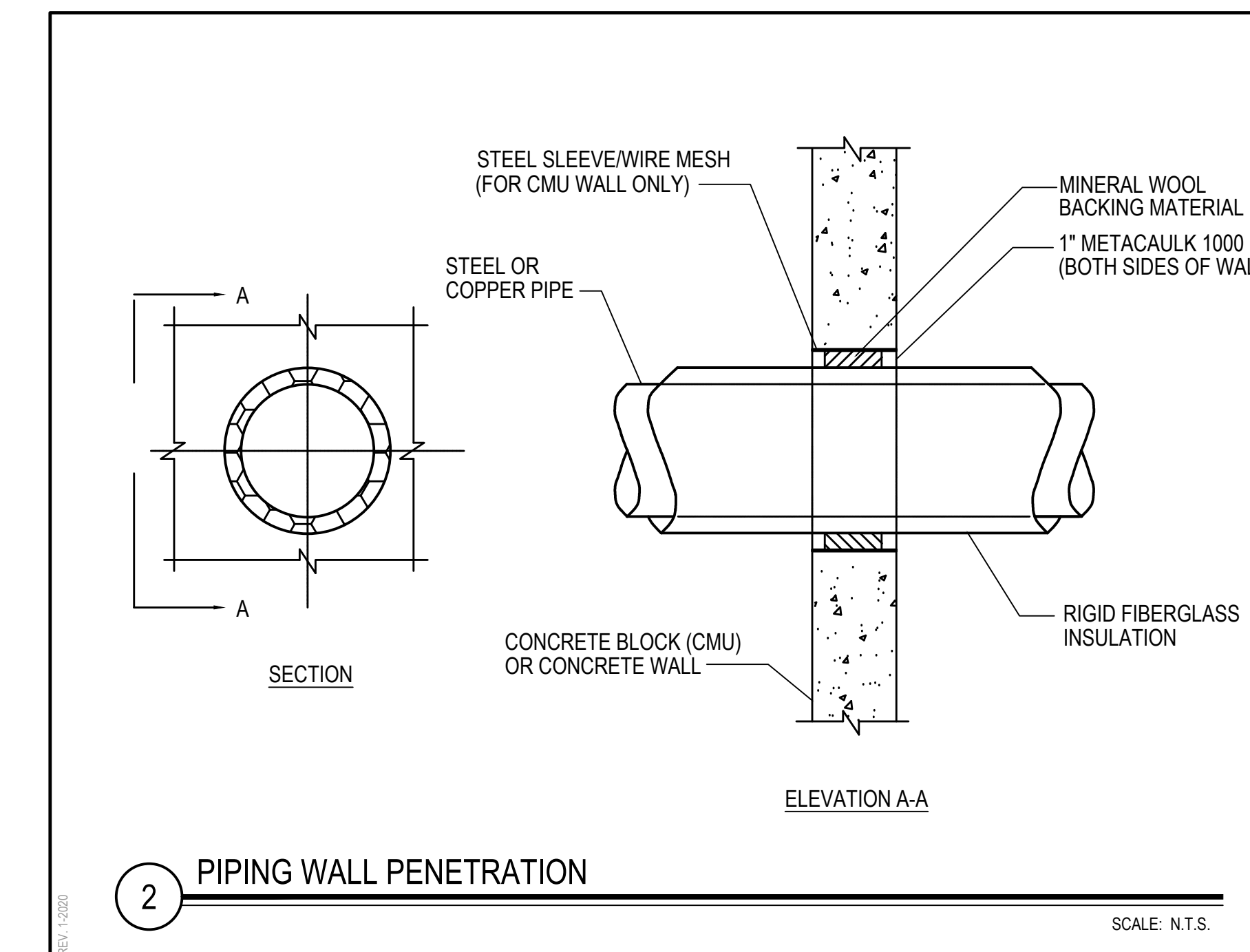
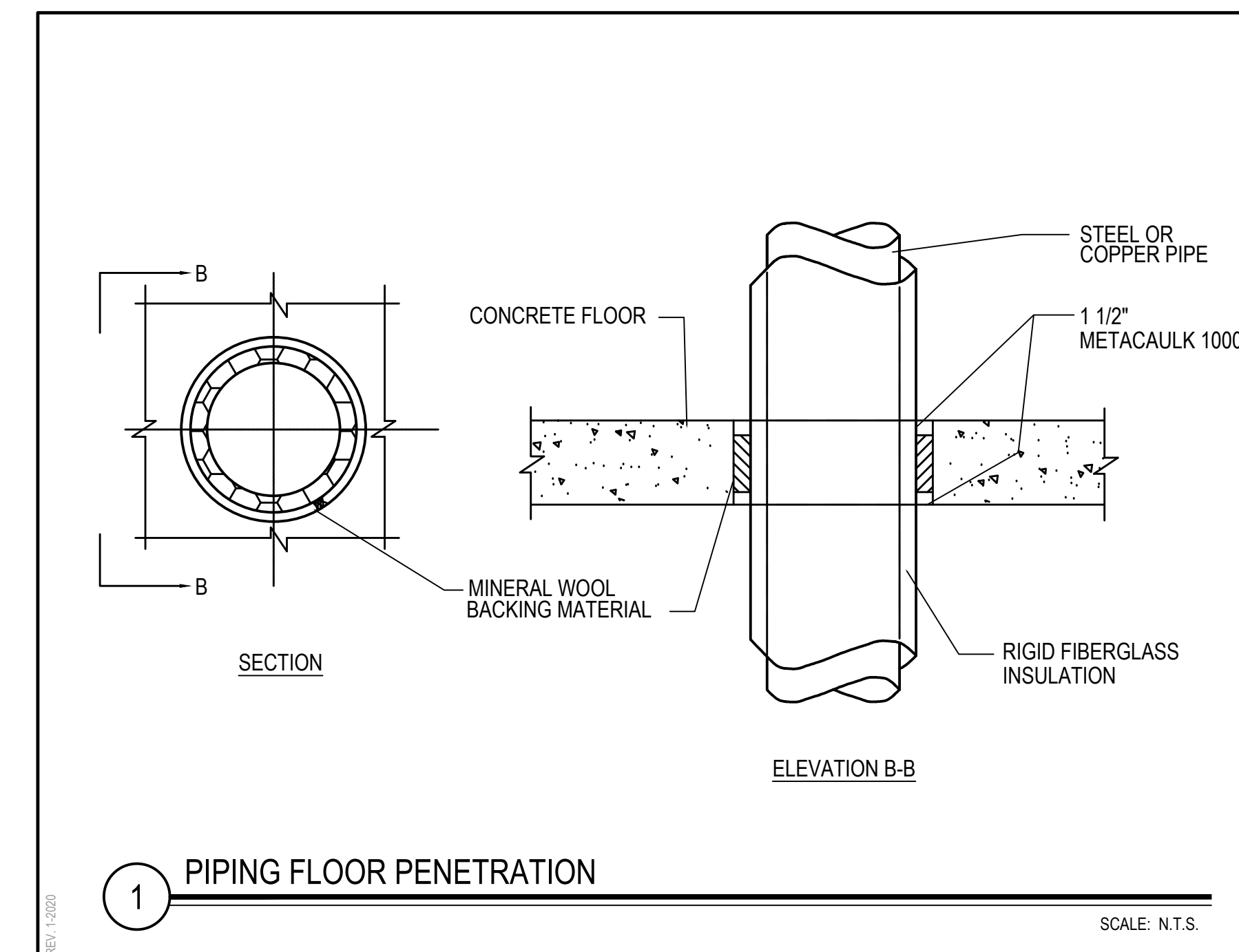
1. PLUMBING CONTRACTOR (P.C.) SHALL BE RESPONSIBLE TO INCLUDE IN THEIR PROPOSAL, EXISTING FIELD VERIFICATION OF ALL EXISTING PLUMBING INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 1. COLD WATER LINES
 2. HOT WATER SUPPLY LINES
 3. HOT WATER RECIRCULATION LINES
 4. SANITARY WASTE LINES
 5. VENT LINES

PLUMBING DEMOLITION NOTES:

- FOR PLUMBING FIXTURES TO BE REMOVED AND NOT REPLACED IN ORIGINAL LOCATION - P.C. TO REMOVE EXISTING PLUMBING ROUGH-INS, PIPING ETC. BACK TO POINT OF CONCEALMENT WITHIN OR BEHIND WALLS, BELOW FLOORS OR ABOVE CEILING TO MAIN BRANCHES, STACKS OR RISER AS REQUIRED TO ELIMINATE DEAD END PIPING RUNS LONGER THAN 1'-0".
- FOR PLUMBING FIXTURES TO BE REMOVED AND REPLACED WITH NEW OF SIMILAR TYPE, THE P.C. SHALL DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE AND MAINTAIN OR MODIFY EXISTING PLUMBINGS ROUGH-INS, PIPING ETC. AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW PLUMBING FIXTURE.

NOTE - SINGLE PRIME CONTRACT:

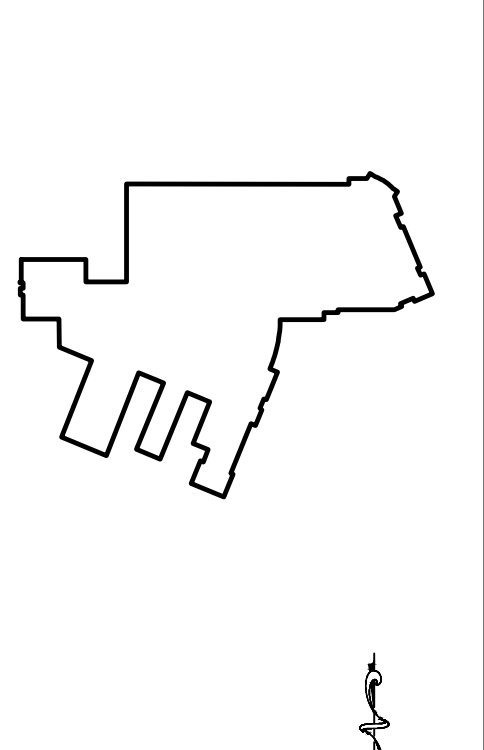
1. UNDER BASE BID - GC-2 , ALL GENERAL CONSTRUCTION, MECHANICAL CONSTRUCTION, PLUMBING CONSTRUCTION, AND ELECTRICAL CONSTRUCTION WORK SCOPE SHOWN SHALL BE PROVIDED AND INSTALLED BY THE SINGLE PRIME CONTRACTOR. REFER TO SPECIFICATIONS (INSTRUCTIONS TO BIDDERS and BID PROPOSAL FORM) FOR ADDITIONAL INFORMATION REGARDING SINGLE PRIME CONTRACT.



REV.	DATE	ITEM
1	12.07.22	BID ADDENDUM #2

NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS. LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY HAVE NOT YET BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



NOT TO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.
PHASE 2 BOND IMPROVEMENTS
TODD ELEMENTARY SCHOOL
45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

DWG TITLE

PLUMBING
GENERAL NOTES, LEGENDS, AND SCHEDULES

DRAWING BY: Z.M.Z.

CHECK BY:

NOTICE

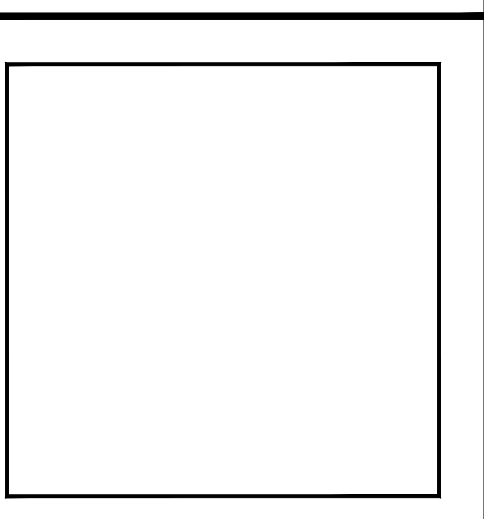
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DISTRICT: BRIARCLIFF MANOR U.F.S.D.
DISTRICT NAME

PROJECT: PHASE 2 BOND IMPROVEMENTS
AT TODD ES

DWG TITLE: GENERAL NOTES, LEGENDS
AND SCHEDULES

SCALE: AS NOTED

DATE:

BID PICK-UP: NOVEMBER 14, 2022

FILE No: 21-247D

P0.01 TES