

ADA IMPROVEMENTS/ELEVATOR

**WESTERN MIDDLE SCHOOL
1 WESTERN JR HIGHWAY
GREENWICH, CT 06830
BID #2569-26**

S/P+A PROJECT #23.097

DATE: March 9, 2026

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum #3.

New Specifications:

- SECTION 083113, ACCESS DOORS AND FRAMES, has been added and is attached as part of this addendum. (3) *(Per Internal Review)*

Changes to the Specifications:

- TABLE OF CONTENTS, Page 2, Division 08 – Openings, add the following:

“Section 083113 Access Doors and Frames 3” *(Per Internal Review)*

- SECTION 081213, HOLLOW METAL FRAMES:

- Page 4, Article 2.6.B.4., delete in its entirety.
- Page 5, Article 3.3.B.2., delete in its entirety. *(Per Internal Review)*

- SECTION 081416, FLUSH WOOD DOORS:

- Page 3, Article 2.4.A.4., delete in its entirety.
- Page 4, Article 2.5.A., delete in its entirety. *(Per Internal Review)*

- SECTION 087100, DOOR HARDWARE:

- Page 1, Article 1.2.B.1., delete in its entirety.
- Page 9, Part 2, add the following:

“2.16 AUTOMATIC AND SELF-LATCHING FLUSH BOLTS

- A. Automatic and Self-Latching Flush Bolts: BHMA A156.16; minimum ¾-inch throw; designed for mortising into door edge.

- 1. Basis-of-Design Product:

- a. Door Controls International, Inc.; **862/962**

- 2. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

- a. IVES Hardware; an Allegion company
- b. Rockwood Manufacturing Company, an ASSA ABLOY Group company
- c. Substitutions: Under provisions of Section 012500 "Substitution Procedures".

2.17 ACCESSORIES FOR PAIRS OF DOORS

- A. Coordinators: BHMA A156.3; consisting of active-leaf, hold-open lever, and inactive-leaf release trigger; fabricated from steel with nylon-coated strike plates; with built-in, adjustable safety release; and with internal override."

- Page 10, Article 3.7, HW-2, revise "SILENCERS" to read "SMOKE SEALS".
- Page 11, Article 3.7:
 - HW-3, revise 'SILENCERS" to read "SMOKE SEALS".
 - Add the following:

"HW-4

EACH TO HAVE:

- BUTTS
- 1 STOREROOM LOCKSET
- 1 AUTOMATIC FLUSH BOLTS
- 2 CLOSER/STOPS
- 1 COORDINATOR
- 2 KICK PLATES
- SMOKE SEALS

DOOR: G-13" (*Per Internal Review*)

- SECTION 230993, SEQUENCE OF OPERATIONS FOR HVAC CONTROLS, Page 3:
 - Article 1.4.G.2., revise to read as follows:

"On call for dehumidification, a signal shall be transmitted to the boiler plant controls to enable the boilers and hot water pumps."
 - Article 1.4.G., add the following:

"During dehumidification, the hot water reheat coil control valve shall modulate to maintain space temperature setpoint per the heating sequence of operation." (*Per Internal Review*)

Changes to the Drawings:

- The following STRUCTURAL drawings have been deleted in their entirety. New drawings have been added and are attached as part of this addendum* (5):
 - S0.0 GENERAL NOTES (*Per Internal Review*)
 - S1.1 FOUNDATION & MAIN LEVEL FRAMING PLANS (*Per Internal Review*)
 - S1.3 ROOF FRAMING PLAN (*Per Internal Review*)
 - S3.0 SECTIONS (*Per Internal Review*)
 - S6.0 TYPICAL DETAILS (*Per Internal Review*)

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- The following ARCHITECTURAL drawings have been deleted in their entirety. New drawings have been added and are attached as part of this addendum* (6):
 - A010 DEMOLITION PLANS – LOWER LEVEL (*Per Internal Review*)
 - A100 FLOOR PLANS – LOWER LEVEL (*Per Internal Review*)
 - A110 ROOF PLAN & DETAILS (*Per Internal Review*)
 - A440 ENLARGED ELEVATOR PLANS & SECTIONS (*Per Internal Review*)
 - A700 INTERIOR ELEVATIONS (*Per Internal Review*)
 - A850 DOOR/WINDOW/FINISH/CASEWORK SCHEDULE, TYPES & DETAILS (*Per Internal Review*)
 - DRAWING FP110, FIRE PROTECTION PLANS has been deleted in its entirety. A new DRAWING FP110 has been added and is attached as part of this addendum.* (*Per Internal Review*)
 - The following PLUMBING drawings have been deleted in their entirety. New drawings have been added and are attached as part of this addendum* (3):
 - P010 PLUMBING DEMOLITION PLANS (*Per Internal Review*)
 - P110 PLUMBING LOWER LEVEL PLAN (*Per Internal Review*)
 - P200 PLUMBING ISO VIEW (*Per Internal Review*)
 - The following MECHANICAL drawings have been deleted in their entirety. New drawings have been added and are attached as part of this addendum* (5):
 - M010 MECHANICAL BASEMENT DEMOLITION PLAN (*Per Internal Review*)
 - M110 MECH BASEMENT FLOOR PLAN (*Per Internal Review*)
 - M113 MECH ROOF PLAN (*Per Internal Review*)
 - M200 MECH SCHEDULES (*Per Internal Review*)
 - M300 MECH DETAILS (*Per Internal Review*)
 - The following ELECTRICAL drawings have been deleted in their entirety. New drawings have been added and are attached as part of this addendum* (6):
 - E011 DEMOLITION FLOOR PLANS – LIGHTING(*Per Internal Review*)
 - E021 DEMOLITION FLOOR PLANS – POWER (*Per Internal Review*)
 - E111 LOWER & MAIN LEVEL FLOOR PLANS – LIGHTING (*Per Internal Review*)
 - E211 LOWER & MAIN LEVEL FLOOR PLANS – POWER (*Per Internal Review*)
 - E212 GROUND, UPPER & ROOF LEVEL FLOOR PLANS – POWER (*Per Internal Review*)
 - E501 PANEL & LIGHT FIXTURE SCHEDULES (*Per Internal Review*)

The bid date remains unchanged by this addendum.

The addendum consists of six (6) pages of 8½" x 11" text and twenty-six (26) 30" x 42" drawings*.

End of Addendum #3

SECTION 083113 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Access doors and frames.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, materials, individual components and profiles, and finishes.
- B. Samples: For each type of access door and frame and for each finish specified, complete assembly minimum 6 by 6 inches in size.
- C. Product Schedule: For access door and frame schedule.

PART 2 - PRODUCTS

2.1 ACCESS DOORS AND FRAMES

- A. Basis-of-Design Product:
 - 1. J. L. Industries, Inc.; Div. of Activar Construction Products Group
- B. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following
 - 1. Babcock-Davis
 - 2. Larsen's Manufacturing Company
 - 3. Milcor Inc.
 - 4. Substitutions: Under provisions of Section 012500 "Substitution Procedures".
- C. Source Limitations: Obtain each type of access door and frame from single source from single manufacturer.
- D. Flush Access Doors with Exposed Flanges:
 - 1. Basis-of-Design Product: **Model TM**
 - 2. Description: Face of door flush with frame, with exposed flange and concealed hinge.
 - 3. Locations: Wall and ceiling.
 - 4. Uncoated Steel Sheet for Door: Nominal 0.060-inch, 16-gauge.

a. Finish: Factory prime.

5. Frame Material: Same material, thickness, and finish as door.

6. Latch and Lock: Cam latch, key operated.

2.2 MATERIALS

A. Steel Plates, Shapes, and Bars: ASTM A 36.

B. Steel Sheet: Uncoated or electrolytic zinc coated, ASTM A 879, with cold-rolled steel sheet substrate complying with ASTM A 1008, Commercial Steel (CS), exposed.

C. Frame Anchors: Same type as door face.

D. Inserts, Bolts, and Anchor Fasteners: Hot-dip galvanized steel according to ASTM A 153 or ASTM F 2329.

2.3 FABRICATION

A. General: Provide access door and frame assemblies manufactured as integral units ready for installation.

B. Metal Surfaces: For metal surfaces exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness.

C. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish mounting holes, attachment devices and fasteners of type required to secure access doors to types of supports indicated.

D. Latching and Lock Hardware:

1. Quantity: Furnish number of latches and locks required to hold doors tightly closed.

2. Keys: Furnish two (2) keys per lock and key all locks alike.

2.4 FINISHES

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

D. Painted Finishes: Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.

1. Factory Primed: Apply manufacturer's standard, lead- and chromate-free, universal primer immediately after surface preparation and pretreatment.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with manufacturer's written instructions for installing access doors and frames.

3.3 ADJUSTING

- A. Adjust doors and hardware, after installation, for proper operation.

END OF SECTION 083113

GENERAL

GOVERNING CODE: 2022 CONNECTICUT STATE BUILDING CODE (2021 INTERNATIONAL BUILDING CODE)

DESIGN LOADS: TOWN OF GREENWICH

CONSTRUCTION LIVE LOADS: 20 PSF
PRE-COMPOSED LOAD FOR CONCRETE PLACEMENT BY HOSE AND FINISHING. CONTRACTOR IS RESPONSIBLE FOR ANY SHORING REQUIRED OF THE DECK FOR HEAVY LOADS DURING CONCRETE PLACEMENT.

MINIMUM LIVE LOADS OFFICES: 50 PSF = 15 PSF PARTITION CORRIDORS: 80 PSF STAIRS: 100 PSF PARTITIONS: 20 PSF CLASSROOMS: 40 PSF

ROOF LOAD: ROOF SNOW LOAD CRITERIA: Ps = 30.0 Cf = 1.0 Is = 1.0 P1 = 23.1 PSF

WITH INCREASES FOR SNOW DRIFTING, UNBALANCES AND SLIDING PER SECTION 1609 (2021 IBC). MINIMUM ROOF LIVE LOAD = 30 PSF ROOF DEAD LOAD = 20 PSF

WIND LOAD CRITERIA: SECTION 1609 (2021 IBC) ULTIMATE WIND SPEED (U) = 120 MPH NORMAL DESIGN WIND (U) = 101 MPH RISK CATEGORY II, W = 1.0 EXPOSURE CLASSIFICATION 'C'

MINIMUM WIND LOAD ON PRIMARY STRUCTURE = 15 PSF WIND LOADS ON SECONDARY ELEMENTS SHALL CONFORM WITH ASCE 1-16 COMPONENT AND CLADDING DESIGN WIND PRESSURES

ROOF ZONE 1: POSITIVE: 19.35 PSF NEGATIVE: 75.904 PSF ROOF ZONE 1: POSITIVE: 19.35 PSF NEGATIVE: 43.388 PSF

ROOF ZONE 2: POSITIVE: 19.344 PSF NEGATIVE: 99.684 PSF ROOF ZONE 3: POSITIVE: 19.35 PSF NEGATIVE: 139.876 PSF

WALL ZONE 4: POSITIVE: 47.424 PSF NEGATIVE: -51.480 PSF WALL ZONE 5: POSITIVE: 47.424 PSF NEGATIVE: 43.492 PSF

ROOF OVERHANG ZONE 1: 68.238 PSF ROOF OVERHANG ZONE 2: 92.508 PSF ROOF OVERHANG ZONE 3: -128.544 PSF

DESIGN WIND PRESSURE IS COMPUTED BASED ON ULTIMATE WIND SPEED USING 10 SQUARE FOOT OF AREA.

SEISMIC LOAD CRITERIA: AS PER SECTION 1613 (2021 IBC) WITH RISK CATEGORY II SPECTRAL RESPONSE COEFFICIENTS: Sds = 0.2895, Sd1 = 0.0949 DESIGN BASIS SEISM: V = 0.2 x I W RESPONSE MODIFICATION FACTOR: R = 4.0 ANALYSIS PROCEDURE USED: SPECTRUM ANALYSIS

ALLOWABLE BEARING PRESSURE: 4000 PSF

- 1. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
2. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHIELDING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MAY BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTORS PROPERTY AFTER COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL PROVIDE SHORING CALCULATIONS AND SHORING DRAWINGS, INDICATING THE WORK TO BE PROVIDED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.
3. THE STRUCTURE UTILIZES SHEAR WALLS TO PROVIDE LATERAL STABILITY. THEREFORE, TEMPORARY BRACING, GUYS, ETC. MUST BE MAINTAINED UNTIL ALL MASONRY SHEAR WALLS HAVE BEEN ERECTED AND ATTACHED TO STEEL FRAMING.
4. LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO REQUIREMENTS OF OTHER NON-STRUCTURAL DISCIPLINES ARE SHOWN FOR GUIDANCE PURPOSES ONLY. THE CONTRACTOR SHALL OBTAIN FROM THE DESIGN AND VENDOR ELECTRICAL, PLUMBING AND OTHER SUBCONTRACTORS THE FINAL APPROVED SIZE AND LOCATION OF ALL OPENINGS AND WORK TO BE PROVIDED FOR THEIR TRACE IN ROOFS, FLOORS AND WALLS. WHETHER SHOWN OR NOT SHOWN ON STRUCTURAL DRAWINGS, CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSMISSION OF REQUIREMENTS, LOCATIONS AND DETAILS TO STRUCTURAL SUBCONTRACTORS. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS ARE NOT TO BE BORNE BY THE OWNER.
5. MECHANICAL EQUIPMENT WEIGHTS USED IN DESIGN OF SUPPORTING ELEMENTS HAVE BEEN INDICATED ON THE DRAWINGS. CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO INSTALLATION IF ACTUAL WEIGHT EXCEEDS WEIGHT SHOWN ON DRAWINGS.
6. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
7. SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND SUBCONTRACTOR AND BEAR CHECKERS INITIALS BEFORE BEING SUBMITTED TO THE ARCHITECT FOR APPROVAL.
8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
9. ALL SECTIONS AND DETAILS SHALL BE CONSIDERED TYPICAL AND APPLY FOR THE SAME AND SIMILAR SITUATIONS THROUGHOUT THE BUILDING, UNLESS OTHERWISE SPECIFICALLY NOTED.
10. CONTRACTOR SHALL REVIEW ALL ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO SUBMITTING THEIR BID FOR REFERENCE TO ALL NOTES ON ARCHITECTURAL DRAWINGS PERTAINING TO "SEE STRUCTURAL DRAWINGS". IF THE SIZE OF ELEMENTS AND DETAILING OF MEMBERS IS NOT INDICATED, THE CONTRACTOR SHALL CONTACT THE ARCHITECT TO REQUEST THE MISSING INFORMATION IN PREPARATION OF THEIR BID. THESE REFERENCED ITEMS SHALL BE PART OF THE BASE BID.
11. IN CASES OF DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND SUBMITTED SHOP DRAWINGS, THE CONTRACT DOCUMENTS SHALL GOVERN INSTALLATION OF MATERIALS.
12. WOOD BLOCKING THAT IS NOT PART OF THE PRIMARY STRUCTURAL FRAME IS NOT OWNED BY WHAL. THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER IS RESPONSIBLE FOR COORDINATING THE PARTIES THAT OWN THE BLOCKING, INCLUDING THE CONNECTION OF THE BLOCKING TO ANY SUPPORTING MATERIAL. THIS INCLUDES BUT IS NOT LIMITED TO: BLOCKING BELOW MECHANICAL EQUIPMENT, BLOCKING FOR ROOFPAD ATTACHMENT, AND BLOCKING FOR WINDOW SYSTEM CONNECTIONS

CONTRACTORS RELATED DESIGN

- 1. CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT TO PERFORM THE DESIGN OF THE FOLLOWING:
A. STRUCTURAL STEEL CONNECTIONS INCLUDING BRACING AND MOMENT FRAMES
B. WALLS, LOADING, SHIP STRINGS, AND SHIP LANDING DESIGN AND THEIR CONNECTIONS
C. TEMPORARY SHORING OF EXISTING STRUCTURAL MEMBERS
D. ALL NON-STRUCTURAL EQUIPMENT ATTACHMENT TO SUPPORTING STRUCTURE. THIS INCLUDES BUT IS NOT LIMITED TO MECHANICAL CURB ATTACHMENTS, HANGING CONNECTIONS OF MEP UNITS, ETC.
E. UNDERPINNING AND ASSOCIATED SHORING
F. REVIEW OF EXISTING LEASE CONDITIONS
2. ALL CALCULATIONS SHALL BE REVIEWED AND SEALED BY THE ENGINEER AND SUBMITTED FOR REVIEW.

CONCRETE MATERIALS

Table with columns: LOCATION, EXPOSURE CATEGORY, STRENGTH (PSI), MAXIMUM WATER TO CEMENT RATIO, TARGET AIR CONTENT. Rows include FOUNDATIONS, SLABS ON GRADE, SLABS ON METAL DECK, EXTERIOR CONCRETE MATS AND SLABS ON GRADE.

- * INCLUDES ANY EXTERIOR CONCRETE PADS, SLABS, ETC. NOTED ON THE STRUCTURAL DRAWINGS. REFER TO SITE CONCRETE SPECIFICATIONS FOR ALL OTHER EXTERIOR CONCRETE REQUIREMENTS.
1. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS MUST FOLLOW ACI 318-14.
2. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ACI GUIDELINES FOR HOT AND COLD WEATHER CONCRETE AND SHALL SUBMIT PROCEDURES FOR RECORD PRIOR TO COMMENCING WORK.
3. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. NO TACK WELDING OF REINFORCING WILL BE PERMITTED. UNLESS NOTED OTHERWISE, ALL LAP SPICES SHALL BE CLASS B, IN ACCORDANCE WITH ACI 318-14.
4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
7. WIRE MESH REINFORCEMENT MUST LAP ONE MESH SIZE AT SIDES AND ENDS AND BE WIRED TOGETHER.
8. WELDED WIRE FABRIC SIZE LAPS SHALL BE STAGGERED TO AVOID FOUR MESH THICKNESS AT CONJOINED END LAP AND SIDE LAP LOCATION.
9. NO CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 0.1% CHLORIDE BY WEIGHT OF ADMIXTURES SHALL BE USED IN THE CONCRETE.
10. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE AT LEAST 3'-0" BELOW FINISHED GRADE. PRIOR TO PROCEEDING WITH FOOTING FORMWORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF BOTTOM OF EXTERIOR FOOTING ELEVATIONS WITH THE FINISH GRADES AND MAINTAINING THE 3'-0" FROST PROTECTION, WHERE SUBSURFACE PIPING PASSES THROUGH FOUNDATION WALLS. THE TOP OF FOOTINGS SHALL BE AT LEAST 8" BELOW THE INVERT ELEVATION OF THE PIPING AND CONDUITS. COORDINATE ALL INVERTS WITH MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, SITE AND SITE UTILITY DRAWINGS. PIPING OR CONDUITS SHALL NOT PASS THROUGH COLUMNS OR PIERS.

- 11. CONTRACTOR SHALL ANTICIPATE DEFLECTION OF STEEL MEMBERS AT SUPPORTED ELEVATED SLABS OF 1 INCH MAXIMUM. AND PROVIDE ADDITIONAL CONCRETE AS REQUIRED.
12. ALL HORIZONTAL STEEL SHOWN IN SECTIONS AND DETAILS SHALL BE CONTINUOUS, UNLESS OTHERWISE NOTED. ALL LAPS SHALL BE CLASS A8@ SPICES IN ACCORDANCE WITH ACI 318.
13. AT INTERSECTIONS OF REINFORCED CONCRETE WALLS, PROVIDE CORNER DOWNELS OF SAME SIZE AND AT THE SAME SPACING AS THE SMALLER HORIZONTAL REINFORCING. DOWNELS SHALL HAVE A CLASS B LAP WITH HORIZONTAL REINFORCING IN EACH DIRECTION.
14. PROVIDE DRILLED AND EPOXYED DOWNELS OF SAME SIZE TO MATCH NEW REINFORCING WHERE NEW CONSTRUCTION ABUTS EXISTING CONCRETE CONSTRUCTION. LENGTH SHALL BE THE REQUIRED EMBEDMENT DEPTH PER THE ANCHOR BOLTEPOXY MANUFACTURER PLUS A CLASS B LAP SPICE FOR THE SIZE OF BAR.
15. PROVIDE CORROSION RESISTANT ACCESSORIES IN ALL EXPOSED CONSTRUCTION.
16. ALL KEYS IN CONCRETE WALLS SHALL BE 2 X 4 UNLESS NOTED OTHERWISE.
17. CONCRETE PIERS, PLACE CONCRETE PIERS AND WALLS TOGETHER. SET PER REINFORCING AND SET WALL REINFORCING THROUGH PER VERTICAL BARS. PROVIDE DOWNELS WITH STANDARD HOOK FROM FOOTING AT ALL PIERS. SIZE AND QUANTITY OF DOWNELS TO MATCH VERTICAL PER REINFORCING. PROVIDE CLASS 'B' SPICE.
18. SEE ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, SITE, UTILITY AND EQUIPMENT DRAWINGS FOR CONCRETE PADS, SLEEVES, OPENINGS, RECESSES, AND BUILT-IN WORK IN CONCRETE ELEMENTS.
19. THE CONTRACTOR SHALL FURNISH LOCATE AND INSTALL ALL ACCESSORIES FOR PROPER ANCHORAGE OF WOOD AND METAL FRAMING, WOOD BLOCKING, BRICK WORK AND MASONRY UNITS. THEY SHALL BE SOLELY RESPONSIBLE FOR FURNISHING, LOCATING AND ENSURING PROPER QUANTITY OF ALL FASTENING DEVICES.
20. ALL CONCRETE TO REMAIN EXPOSED TO VIEW SHALL RECEIVE A SMOOTH RUBBED FINISH (SEE SPECIFICATIONS).
21. ALL CONCRETE CORNERS WITH BOTH SIDES EXPOSED TO VIEW SHALL BE SQUARE UNLESS OTHERWISE SHOWN OR NOTED. THE EDGE SHALL BE RUBBED, PRODUCING A SMOOTH, DENSE SURFACE WITHOUT FITS OR IRREGULARITIES.
22. PROVIDE CONTINUOUS VERTICAL DOWNETAL SLOTS AT 16 INCH CENTERS HORIZONTALLY FOR ALL CONCRETE WALLS ABUTTING A MASONRY WALL OR MASONRY VENEER UNLESS OTHERWISE NOTED.
23. PROVIDE CLEARANCE FROM EDGE OF REINFORCING TO EDGE OF CONCRETE AS FOLLOWS:
FOOTINGS (AGUSTANT EARTH BEAMS (LONGITUDINAL REINFORCING) COLUMNS AND PIERS (VERTICAL REINFORCING) WALLS (EXTERIOR FACE #4 AND SMALLER) WALLS (EXTERIOR FACE #4 AND LARGER) SLABS (INTERIOR) SLABS (EXTERIOR) SLABS ON GRADE (W.F.F.)
24. PROVIDE 2-#4 BARS IN TOP OF ALL CONCRETE BEAMS WITH STRIPPUS THAT DO NOT HAVE ANY OTHER TOP STEEL SPECIFIED.
25. NO SLEEVES, HOLES OR INSERTS SHALL BE PLACED IN SLABS WITHIN 2'-0" OF THE EDGE OF COLUMNS, OR ANYWHERE IN BEAMS, COLUMNS OR JOISTS WITHOUT APPROVAL OF THE ARCHITECT. PROVIDE LENGTH OF BEARING ON MASONRY WALLS AS FOLLOWS, UNLESS NOTED OTHERWISE: REINFORCED CONCRETE BEAMS: 8 INCHES SOLID CONCRETE SLABS: 4 INCHES
27. CONCRETE COLUMNS SHALL BE PLACED AT LEAST TWO HOURS IN ADVANCE OF BEAMS, JOISTS AND SLABS.
28. JOISTS NOT INDICATED ON THE DRAWINGS SHALL BE MADE SO AS TO LEAST IMPAIR THE STRENGTH OF THE STRUCTURE. THERE SHALL BE NO HORIZONTAL JOISTS IN BEAMS OR SUSPENDED SLABS.
29. PROVIDE THE FOLLOWING AT OPENINGS IN ALL CONCRETE WALLS AND FRAMED SLABS, UNLESS OTHERWISE INDICATED:
1-#5 AT EACH FACE ON EACH SIDE OF OPENING, EXTENDING 2'-0" BEYOND OPENING.
1-#5 X 4'-0" LONG AT EACH FACE DIAGONALLY AT EACH CORNER.
30. REINFORCING STEEL SHOP DRAWINGS SHALL INDICATE THE SEQUENCE IN WHICH LAYERS OF CROSSING REINFORCING SHOULD BE PLACED, IN ORDER TO PRODUCE THE CORRECT OUTERMOST LAYER AS INDICATED ON THE DRAWINGS.
31. SHOP DRAWINGS SHALL INDICATE LOCATIONS OF ALL WALL CONTROL AND CONSTRUCTION JOINTS.
32. ALL REINFORCING, THREADED RODS OR BOLTS INDICATED TO BE DRILLED AND EPOXYED SHALL UTILIZE HELTI-HIT-HY200 ADHESIVE OR APPROVED EQUAL.

STRUCTURAL STEEL MATERIALS

- STRUCTURAL STEEL: ASTM A 36 ALL W SHAPES: ASTM A 992, GRADE 50 STRUCTURAL STEEL TUBING: ASTM A500, GRADE C STRUCTURAL STEEL PIPE: ASTM A53, GRADE B BOLTS: ASTM A325, GRADE 36 ANCHOR BOLTS: ASTM F1554, GRADE 36 WELDING ELECTRODE: ASTM E 70 WELDABLE REBAR: ASTM A706, GRADE 60
1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION, AISC 360-10. ALL REACTIONS SHOWN ON PLAN HAVE BEEN DEVELOPED USING ALLOWABLE STRESS DESIGN.
2. WELDING SHALL CONFORM TO THE CODE FOR AWC AND GAS WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY. ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER.
3. ALL LOOSE BEAM LINTELS SHALL HAVE 8" MINIMUM BEARING. SEE ARCHITECTURAL JAMB DETAILS FOR LENGTHS.
4. FOR MISCELLANEOUS STEEL NOT SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS.
5. PROVIDE LEVELING NUTS FOR ALL COLUMN BASE PLATES WITH FOUR (4) ANCHOR BOLTS AND PROVIDE 1/2" MINIMUM, 3000 PSI NON-SHRINK GROUT. PROVIDE TACK WELD AT THE BOTTOM OF THE ANCHOR BOLT EMBEDDED IN CONCRETE CONNECTIONS.
CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR AND CONSTRUCTED IN ACCORDANCE WITH AISC 360-10. CONNECTIONS SHALL BE PROVIDED TO CONFORM TO THE REQUIREMENTS OF SIMPLE CONNECTIONS UNLESS OTHERWISE DETAILED.
CONNECTIONS SHALL BE DESIGNED TO ACCOMMODATE THE REACTIONS SHOWN ON THE CONTRACT DOCUMENTS. IF NO REACTIONS ARE GIVEN THEN PROVIDE CONNECTION FOR ONE HALF THE ALLOWABLE UNIFORM LOAD BEAM TABLES, PER THE AISC MANUAL, FOR THE SPAN INDICATED ON THE DRAWINGS. MINIMUM CONNECTION DESIGN LOAD IS 4 KIPS.
MINIMUM CONNECTION ANGLE THICKNESS SHALL BE 5/16". MINIMUM SHEAR PLATE IS 3/8". IN ADDITION TO PROVIDING ADEQUATE BOLTS TO ACCOMMODATE REACTIONS, THE FOLLOWING MINIMUM NUMBER OF BOLT ROWS SHALL BE USED:
MEMBER DEPTH: 10" or Less: 2 12" to 14": 3 16" to 18": 4 21" to 24": 5 27" to 30": 6 Over 30": 7

- CONNECTIONS SHALL BE MADE USING 3/4" DIAMETER ASTA A325 BOLTS, DRIVING TIGHT (SLIP CRITICAL) OR WELDS, UNLESS NOTED OTHERWISE. IF TENSION CONTROL BOLTS ARE USED, CONNECTIONS SHALL BE DESIGNED FOR SLIP CRITICAL. BOLT ALLOWABLE LOAD VALUES USING CLASS A FATIGUE SURFACE.
USE LARGER OF 1/4" FILLET WELDS OR MINIMUM SIZE PER AISC REQUIREMENTS WHERE NO WELD SIZE IS SHOWN ON DRAWINGS.
WELDS IN EXCESS OF 24" IN LENGTH SHALL BE 9" STITCH WELDS AT 8" ON CENTERS, UNLESS SPECIFICALLY SHOWN ON DRAWINGS TO BE CONTINUOUS.
MOMENT CONNECTIONS SHALL BE DESIGNED TO DEVELOP FULL MOMENT CAPACITY OF THE ELEMENTS CONNECTED, UNLESS SPECIFIC MOMENT IS INDICATED ON THE DRAWINGS.
7. NO WELDING OR FINAL BOLTING SHALL BE DONE UNTIL AS MUCH OF THE STRUCTURE THAT WILL BE STIFFENED THEREBY HAS BEEN PROPERLY ALIGNED.
8. SEQUENCE OF PLACING WELDS SHALL BE SUCH AS TO AVOID DISTORTION OF MEMBERS.
9. SUBSTITUTION OF STRUCTURAL STEEL MEMBERS IS PERMITTED TO FACILITATE DELIVERY AT NO ADDITIONAL COST TO THE OWNER. SUBSTITUTED MEMBERS MUST BE OF THE SAME MINIMAL DEPTH AS THE MEMBER ORIGINALLY INDICATED AND HAVE A WEIGHT GREATER THAN THAT INDICATED. BEAM FLANGES MUST NOT WARPING ON ADJACENT ARCHITECTURAL ELEMENTS.
10. ALL STRUCTURAL STEEL BEAMS AND COLUMNS ADJACENT TO MASONRY SHALL HAVE THE FOLLOWING MASONRY ANCHORAGE:
16 GAGE GALVANIZED CHANNEL, SLOTS (OUR-D-WALL, INC. D/A 801) WELDED TO COLUMNS AND BEAMS WITH 1/4" GALVANIZED STRAP ANCHORS (OUR-D-WALL, INC. D/A 914) SPACED 1'-4" O.C. AT COLUMNS AND 1'-4" AT BEAMS (UNLESS OTHERWISE NOTED). INSTALL PER MANUFACTURERS SPECIFICATIONS.
11. PROVIDE DEFORMED BAR ANCHORS ON THE TOP OF ALL BEAMS SUPPORTING CONCRETE MASONRY UNIT WALLS OR MULTY WYTH BRICK WALLS. THE ANCHORS SHALL BE WELDED AT 24" ON CENTER AND SHALL BE THE SAME SIZE AS THE WALL REINFORCING. DEFORMED BAR ANCHORS SHALL BE PLACED BY A TRIMED STUD WELDING MACHINE.
12. STEEL MEMBERS SHOWN CONNECTED TO MASONRY WITH EXPANSION ANCHORS SHALL HAVE 3/4" DIAMETER EXPANSION ANCHORS AT 2'-0" ON CENTERS IN VERTICALLY SLOTTED HOLES, UNLESS OTHERWISE NOTED.
13. BEAMS BEARING ON MASONRY SHALL HAVE ANGLE WALL ANCHORS WELDED TO THE BEAM, AS DETAILED IN THE A.I.S.C. MANUAL OF STEEL CONSTRUCTION.
14. PROVIDE 8" X 8" X 3/8" BEARING PLATES FOR ALL WALL BEARING BEAMS UNLESS NOTED OTHERWISE. ALL PLATES SHALL HAVE A MINIMUM OF (2)-3/4" DIAMETER X 9" LONG WELDED STUDS ON THE BOTTOM TO SET IN CONCRETE OR MASONRY WALLS.
15. SPRAY-ON PREPARED FINISH SHALL BE APPLIED TO ALL STRUCTURAL STEEL TO ACHIEVE REQUIRED FIRE RATING, UNLESS OTHER PROTECTIVE COATING IS INDICATED ON THE ARCHITECTURAL DRAWINGS.
16. ALL STEEL MEMBERS EXPOSED TO WEATHER OR IN CONTACT WITH PRESSURE TREATED LUMBER OR WOOD PRODUCTS IN THE COMPLETED CONSTRUCTION SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.
17. PROVIDE BUTYLAMATIC PROTECTION COATING FOR ALL STRUCTURAL STEEL BELOW GRADE.
18. EXISTING STEEL SURFACES TO RECEIVE FIELD WELDS SHALL BE THOROUGHLY CLEANED UNTIL FREE FROM PAINT, RUST, GREASE, ETC.
19. PROVIDE 1/4" CLOSURE PLATES WITH FULL SEAL WELDS FOR ALL TUBE OR PIPE HOLLOW STEEL SECTIONS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
20. PROVIDE AN ELEVATOR HOIST BEAM AT EACH ELEVATOR. THE BEAM SHALL BE A W8X21 MINIMUM. COORDINATE WITH THE ARCHITECTURAL DRAWINGS. THE BEARING PLATE ON MASONRY WALLS SHALL BE A PLATE 3/4"X8"X12" MINIMUM WITH (2)-3/4" DIAMETER ANCHOR BOLTS SET INTO GROUTED MASONRY.

- CONTRACTOR IS RESPONSIBLE FOR PROVIDING NEW STEEL FRAMES, AS DETAILED ON THE STRUCTURAL DRAWINGS, AT ALL NEW FLOOR AND ROOF OPENINGS REQUIRED BY ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS IN BOTH NEW AND EXISTING STRUCTURES. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE CONTRACT DOCUMENTS AND INCLUDE THESE FRAMES IN THEIR BID PRICE. THESE NEW STEEL FRAMES FOR OPENINGS ARE IN ADDITION TO THE FRAMES SPECIFICALLY INDICATED ON THE DRAWINGS FOR SUPPORT SPECIFIC CONDITIONS.
22. CONSTRUCTION MANAGER IS RESPONSIBLE TO COORDINATE THE MECHANICAL CURB DIMENSIONS FOR MECHANICAL EQUIPMENT BETWEEN THE MECHANICAL CONTRACTOR AND STRUCTURAL STEEL FABRICATOR. THE STRUCTURAL STEEL SHALL BE LOCATED ON THE CENTERLINE OF MECHANICAL CURB.
23. STEEL CONTRACTOR SHALL PROVIDE SKETCHES FOR ALL CORRECTIVE FIELD WORK WHICH SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. ALL SKETCHES SHALL BE SIGNED AND SEALED BY THE STEEL FABRICATORS CONNECTIONS ENGINEER.
24. ALL THREADED RODS OR BOLTS INDICATED TO BE DRILLED AND EPOXYED SHALL UTILIZE HELTI-HIT-HY200 ADHESIVE OR APPROVED EQUAL.
25. NON-SHRINK GROUT SHALL BE INSTALLED BELOW ALL COLUMN BASE PLATES AND INSPECTED PRIOR TO PLACING CONCRETE SLAB ON DECK.

METAL ROOF DECK

- 1. MATERIALS: TYPICAL METAL DECK SHALL BE 1/2" GALVANIZED WIDE RIB TYPE WITH NESTING SIDE SEAMS OF GAGE INDICATED ON THE DRAWINGS.
2. ATTACHMENT: METAL DECK SHALL BE POWER ACTIVELY FASTENED AND SUPPORTING STEEL WITH HLT-X-EDN19 OR EQUAL, SPACED NOT MORE THAN 12" ON CENTER WITH A 50:4 FASTENING PATTERN, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
SHEAR METAL ROOF DECK TO STEEL MEMBER PARALLEL TO SPAN OF DECK USING HLT-X-EDN19 FASTENERS SPACED AT 12" ON CENTER. WELDING OF THE ROOF DECK IS PROHIBITED.
INTERMEDIATE SIZE CONNECTIONS SHALL BE MADE WITH #10 SELF TAPPING SCREWS. THE MAXIMUM SPACING OF SIDE LAP CONNECTIONS SHALL BE 1'-0" WITH A MINIMUM OF (4) SCREWS PER SPAN. FOR 3" DECK USE A MINIMUM OF (8) SCREWS PER SPAN.
LONG SPAN ROOF DECK SHALL HAVE BUTION PUNCHED SIDE LAPS SPACE AT 3'-0" MAX.
3. HANGING LOADS: IT IS ACCEPTABLE TO HANG PIPING OR CONDUIT 1" DIAMETER OR LESS FROM CEILING USING APPROVED FASTENERS.
ALL PIPING GREATER THAN 1 IN. DIUCTWORK LIGHTING, AND FINISHES INCLUDING CEILINGS AND CEILING CLOUDS MUST BE HANG FROM STRUCTURAL FRAMING. AT LOCATIONS WHERE THE EQUIPMENT CANNOT BE HANGING DIRECTLY OFF THE STRUCTURAL FRAMING, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SECONDARY SUPPORT SYSTEM BETWEEN THE STRUCTURAL FRAMING MEMBERS. THIS SYSTEM MUST BE ENGINEERED FOR THE EQUIPMENT WEIGHTS BEING SUPPORTED. PROVIDE SIGNED AND SEALED SHOP DRAWINGS FOR REVIEW. THAT INCLUDE THE ATTACHMENT OF THE SYSTEM TO THE SUPPORTING FRAMING.

CONCRETE MASONRY MATERIALS

- HOLLOW LOAD BEARING UNITS: ASTM C 90 (NET AREA COMPRESSIVE STRENGTH OF CMU UNIT = 2000PSI) MORTAR (TYPE S) ASTM C 270 (COMPRESSIVE STRENGTH OF MASONRY ASSEMBLY: fm = 2000 PSI) GROUT FOR REINFORCED MASONRY: ASTM C 476 (COMPRESSIVE STRENGTH AT 28 DAYS = 2000 PSI) GROUT FOR REINFORCED MASONRY: ASTM C 476 SOLID LOAD BEARING UNITS (GRADE N-1) ASTM C 145 CONCRETE BRICK (GRADE N-1) ASTM C 95

- 1. WALLS INDICATED ON STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, THICKNESS AND COMPOSITION OF MASONRY WALLS.
2. ALL EXTERIOR/INTERIOR STRUCTURAL MASONRY WALLS SHALL CONTAIN THE FOLLOWING REINFORCING:
1-#5 VERTICAL BAR AT 24" ON CENTER.
2-#6 VERTICAL BARS AT BOTH SIDES OF DOOR, WINDOW AND MECHANICAL OPENINGS.
2-#5 HORIZONTAL BAR MINIMUM ABOVE AND BELOW ALL WINDOW AND MECHANICAL OPENINGS AND ABOVE ALL DOOR OPENINGS. PROVIDE ADDITIONAL BARS ABOVE DOORS, WINDOWS AND MECHANICAL OPENINGS AS REQUIRED IN ACCORDANCE WITH LINTEL SCHEDULE ON ARCHITECTURAL DRAWINGS.
2-#5 HORIZONTAL AT TOP OF ALL WALLS, AND AT BOND BEAMS CONNECTED TO FLOORS AND ROOFS, UNLESS OTHERWISE INDICATED.
2-#6 VERTICAL BARS AT ENDS OF ALL WALLS, AND EACH SIDE OF CONTROL JOINTS.
STANDARD LADUR TYPE DESIGN OUR-D-WALL HORIZONTAL REINFORCING @ 16" O.C. VERTICAL. SIDE WIRE SIZE SHALL BE #9 GAGE WIRE.
3. ALL OTHER PARTITION MASONRY WALLS SHALL CONTAIN THE FOLLOWING MINIMUM REINFORCING:
1-#4 VERTICAL BAR AT 48" ON CENTER.
1-#4 VERTICAL AND HORIZONTAL AT ALL SIDES OF DOORS, WINDOW AND MECHANICAL OPENINGS.
1-#4 HORIZONTAL BAR MINIMUM ABOVE AND BELOW ALL WINDOW AND MECHANICAL OPENINGS AND ABOVE ALL DOOR OPENINGS. PROVIDE ADDITIONAL BARS ABOVE DOORS, WINDOWS AND MECHANICAL OPENINGS AS REQUIRED IN ACCORDANCE WITH LINTEL SCHEDULE ON ARCHITECTURAL DRAWINGS.
1-#4 VERTICAL AT ENDS OF ALL WALLS, AND EACH SIDE OF CONTROL JOINTS.
1-#4 HORIZONTAL AT TOP OF ALL WALLS.
1-#4 HORIZONTAL IN BOND BEAMS CONNECTED TO FLOORS AND ROOFS.
STANDARD LADUR TYPE DESIGN OUR-D-WALL HORIZONTAL REINFORCING @ 16" O.C. VERTICAL. SIDE WIRE SIZE SHALL BE #9 GAGE WIRE.

- 4. PROVIDE VERTICAL DOWNELS FROM CONCRETE WALLS INTO ALL CMU WALLS. SIZE AND SPACING OF THE DOWNELS SHALL MATCH THE VERTICAL REINFORCING AS SPECIFIED IN THESE GENERAL NOTES, UNLESS OTHERWISE NOTED ON THE DRAWINGS. DOWNEL LENGTHS SHALL BE THE REQUIRED CONCRETE DEVELOPMENT LENGTH PLUS THE REQUIRED BAR LAP OR LUCE LENGTH FOR MASONRY AS SPECIFIED IN THESE GENERAL NOTES.
5. ALL VERTICAL WALL REINFORCING SHALL BE CONTINUOUS FOR THE FULL HEIGHT OF MASONRY WALLS, INCLUDING THROUGH CONTINUOUS MASONRY BOND BEAMS UNLESS OTHERWISE INDICATED.
6. ALL GROUTING OF MASONRY WALLS SHALL BE ASSUMED TO BE COMPLETED BY LOW LIFT GROUTING METHODS. IF THE CONTRACTOR PROPOSES TO UTILIZE HIGH LIFT GROUTING METHODS THEY SHALL SUBMIT THEIR PROPOSED GROUTING PROCEDURE FOR REVIEW PRIOR TO STARTING ANY GROUTING ON THE PROJECT SITE.
7. PROVIDE BOND BEAM OR STEEL LOOSE LINTEL ABOVE WINDOWS, DOORS AND MECHANICAL OPENINGS. IN EXISTING HOLLOW CMU WALLS, PROVIDE MINIMUM L503 1/2 X 3/8 FOR EACH 4 INCHES OF CMU WITH A MINIMUM 8 INCHES OF BEARING.
8. BOND BEAM LINTELS SHALL BE CONSTRUCTED USING SOLID BOTTOM "U" BLOCK MASONRY UNITS.
9. CELLS CONTAINING REINFORCING BARS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID. ALL OTHER CELLS SHALL REMAIN HOLLOW EXCEPT WHERE NOTED. THE CONTRACTOR SHALL NOT RUN CONDUIT OR PIPE IN CELLS CONTAINING REINFORCING.
10. ALL BOLTS OR ANCHORS SHALL BE SOLID 1" EMBEDDED IN MORTAR OR GROUT. IF BOND BEAM IS NOT LOCATED AT BOLT OR ANCHOR ELEVATION, PROVIDE LATH AND FILL CELL LOCALLY TO PROVIDE SUBSTRATE FOR BOLT OR ANCHOR. GROUT CELL ABOVE ALL MASONRY ANCHORS.
11. ALL COLUMNS WITHIN SHEAR WALLS AND EXTERIOR WALLS SHALL BE SOLELY EMBEDDED IN GROUT.
12. ALL GROUTING OF MASONRY WALLS SHALL BE ASSUMED TO BE COMPLETED BY LOW LIFT GROUTING METHODS.
13. GROUT SOLID MASONRY FOR TWO COURSES BELOW EACH BEAM BEARING EXCEPT AS NOTED.
14. USE 1 COURSE (8") OF SOLID MASONRY OR GROUTED SOLID MASONRY BELOW EACH STEEL JOIST BEARING EXCEPT AS NOTED.
15. PROVIDE CONTINUOUS GROUTED BOND BEAM WHERE MASONRY ANCHORS CONNECT CONCRETE MASONRY TO STEEL FRAMING. GROUT CELL ABOVE ANCHOR.

- 16. HOLLOW UNITS SHALL BE LAD WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHALLS, EXCEPT THAT WEBS SHALL ALSO BE BRICKED IN ALL COURSES OF BEARING AND SHEAR WALLS, PIERS, COLUMNS AND PLASTER. AND IN THE STARTING COURSE ON FOOTINGS AND SOLID FOUNDATION WALLS, AND WHERE ADJACENT TO CELLS OR CAVITIES WHICH ARE TO BE REINFORCED AND/OR FILLED WITH GROUT.
17. MORTAR PROTRUSIONS EXTENDING INTO CELLS OR CAVITIES TO BE REINFORCED AND/OR GROUTED SHALL BE REMOVED.
18. ALL MASONRY WALLS SHALL BE BRACED AT THE TOP WHERE MASONRY ENDS AT THE UNDERSIDE OF FLOOR OR ROOF CONSTRUCTION. REFER TO TYPICAL DETAILS.
19. ALL REINFORCING, THREADED RODS OR BOLTS INDICATED TO BE DRILLED AND EPOXYED INTO HOLLOW CMU OR BRICK SHALL UTILIZE HELTI-HIT-HY270 ADHESIVE OR APPROVED EQUAL.
20. ALL INTERIOR NON-LOAD BEARING MASONRY WALLS SHALL BE BRACED AT THE TOP, UNLESS BRACED HORIZONTALLY BY COLUMNS OR INTERSECTING WALLS AT A MAXIMUM SPACING OF 17 FEET FOR 8" WALLS, 23 FEET FOR 6" WALLS, AND 33 FEET FOR 12" WALLS. THE ENDS OF THE WALLS MUST BE ANCHORED TO INTERSECTING WALLS BY EITHER TIEOUTING OR MECHANICAL ANCHORS. THERE SHALL BE NO VERTICAL CONTROL JOINTS WITHIN THE HORIZONTAL SPAN OF THE WALL BETWEEN THE INTERSECTING WALLS. THIS NOTE DOES NOT APPLY TO MASONRY SHEAR WALLS.
21. IN MASONRY WALLS, NO CHASES, CONDUITS, OR TIEOUTING OF MASONRY SHALL OCCUR WITHIN 17" OF CENTERLINE OF BEAM BEARING OR LOAD CONCENTRATION.
22. PIERS:
1. IF NOT SPECIFICALLY INDICATED, CONSTRUCT PIERS USING SAME MASONRY AS THAT IN WALL.
2. BOND PIERS INTO ADJACENT WALLS USING PER MASONRY MATERIAL FOR TIEOUTING.

- 23. SOLID UNITS SHALL BE LAD WITH FULL HEAD AND BED JOINTS.
24. COLLAR (VERTICAL LONGITUDINAL) JOINTS BETWEEN THE FACING AND BACKING WYTHES IN WALLS SHALL BE COMPLETELY FILLED WITH MORTAR OR GROUT AND WORKED IN WITH A TROWEL.
25. ALL INTERSECTING LOAD BEARING WALLS SHALL BE TIED TOGETHER IN MASONRY BOND UNLESS NOTED OTHERWISE.
26. MINIMUM DEVELOPMENT LENGTH AND SPICE LENGTH OF MASONRY REINFORCING SHALL BE AS FOLLOWS:

Table with columns: BAR SIZE, DEVELOPMENT LENGTH, SPICE LENGTH. Rows include JOINT REINFORCING #4, #5, #6, #7.

- IF EPOXY COATED REINFORCING IS SPECIFIED IN THE MASONRY SPECIFICATIONS, THEN ALL SPICE LENGTHS SHALL BE INCREASED BY 50% PER THE ACI 308 MASONRY CODE.
28. SUBMIT SHOP DRAWINGS INDICATING THE PLACEMENT OF ALL REINFORCING REQUIRED IN MASONRY WALLS. REFER TO SPECIFICATIONS FOR SUBMITAL REQUIREMENTS. SHOP DRAWINGS SHALL INDICATE THE LOCATION OF ALL CONTROL JOINTS, AND THE REQUIRED LAP SPICES FOR ALL REINFORCING.
29. SUBMIT SHOP DRAWINGS INDICATING THE PLACEMENT OF TOP OF WALL PARTITION ANCHORS AT ALL INTERIOR CMU WALLS. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
30. PROVIDE MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 30 FEET ON CENTER. PROVIDE CONTROL JOINTS BETWEEN MAIN AND INTERSECTING WALLS. AT CHANGES IN WALL HEIGHT, CHANGES IN WALL THICKNESS AND NO GREATER THAN 4'-0" FROM CORNERS.
31. PROVIDE AN ELEVATOR HOIST BEAM AT EACH ELEVATOR. THE BEAM SHALL BE A W8X21 MINIMUM. COORDINATE WITH THE ARCHITECTURAL DRAWINGS. THE BEARING PLATE ON MASONRY WALLS SHALL BE A PLATE 3/4"X8"X12" MINIMUM WITH (2)-3/4" DIAMETER ANCHOR BOLTS SET INTO GROUTED MASONRY.

UNDERPINNING NOTES

- 1. SUBMIT CALCULATIONS AND DRAWINGS PREPARED BY AN ENGINEER LICENSED IN THE STATE OF CONNECTICUT FOR THE UNDERPINNING WORK TO BE PERFORMED ON THE PROJECT.
2. EXCAVATE A MAXIMUM OF 5 FOOT LENGTHS FOR UNDERPINNING PIERS SPACED A MINIMUM OF 15 FEET ON CENTER A SINGLE STAGE OF WORK. INTERMEDIATE SECTIONS SHALL BE PERFORMED AS ADDITIONAL STAGES. UP2, UP3, ETC. AS INDIVIDUAL OPERATIONS. (SEE PLAN FOR STAGE INDICATION AND LAYOUT OF PIERS). EACH STAGE OF UNDERPINNING SHALL BE COMPLETED BEFORE THE NEXT STAGE BEGINS.
3. EXCAVATE TO DEPTH SHOWN ON DRAWINGS USING HAND METHODS AND SHEETING BOARDS AS REQUIRED. UNLESS SLOUGHING OF THE SOIL INTO THE EXCAVATION, WHERE SOIL IS COHESIVE AND WILL CUT TO A VERTICAL EXCAVATION WITHOUT SLOUGHING, THE SHEETING INSTALLED MAY BE LIMITED TO THAT REQUIRED FOR SAFETY AND TO MEET THE LEGAL REQUIREMENTS OF WORKING IN AN EXCAVATION. DO NOT REMOVE THAT SHEETING IS NOT REQUIRED TO PREVENT SLOUGHING OF THE SOIL. COORDINATE WITH THE INITIAL EXCAVATION. PACK SPACES BETWEEN SHEETING BOARDS WITH GROUT TO PREVENT SOIL FROM SETTING FROM BELOW EXISTING FOOTINGS. PROTECT SOIL BEHIND SHEETING FROM DRYING OUT BY WETTING OR COVERING WITH POLYETHYLENE. PLACE CONCRETE INTO PIT EXCAVATION THE SAME DAY AS EXCAVATION IS COMPLETED.
4. PLACE CONCRETE, 4000 PSI LOW SLUMP CONCRETE, IN SHEETING, OR TIGHT EXCAVATION IN THE CASE WHERE SOIL REQUIRES NO SHEETING TO REMAIN SOUND AND TIGHT AT EDGES OF EXCAVATION. STOP CONCRETE PLACEMENT 3 INCHES BELOW BOTTOM OF EXISTING FOOTINGS OR FOUNDATION BEING UNDERPINNED. AFTER 48 HOURS HAS ELAPSED, DRYPACK THE 3 GAF USING NON-SHRINK GROUT WITH ONLY ENOUGH WATER ADDED TO MAKE THE MATERIAL COHESIVE AND TO PROPERLY CURE THE MIX. PACK INTO VOID TIGHTLY FROM ACCESS SIDE USING A PIECE OF WOOD TO PACK TIGHTLY INTO SPACE. A MINIMUM OF 48 HOURS AFTER DRYPACKING IS COMPLETE, THE NEXT STAGE OF UNDERPINNING MAY PROCEED.
5. EXCAVATION SHALL PROCEED FROM ONLY ONE SIDE OF THE FOOTING WALL BEING UNDERPINNED. USE EXTREME CARE IN THE REMOVAL OF SOIL TO AVOID DISTURBING THE ADJACENT BEARING SOIL AT EACH SIDE OF THE PIT BEING EXCAVATED.

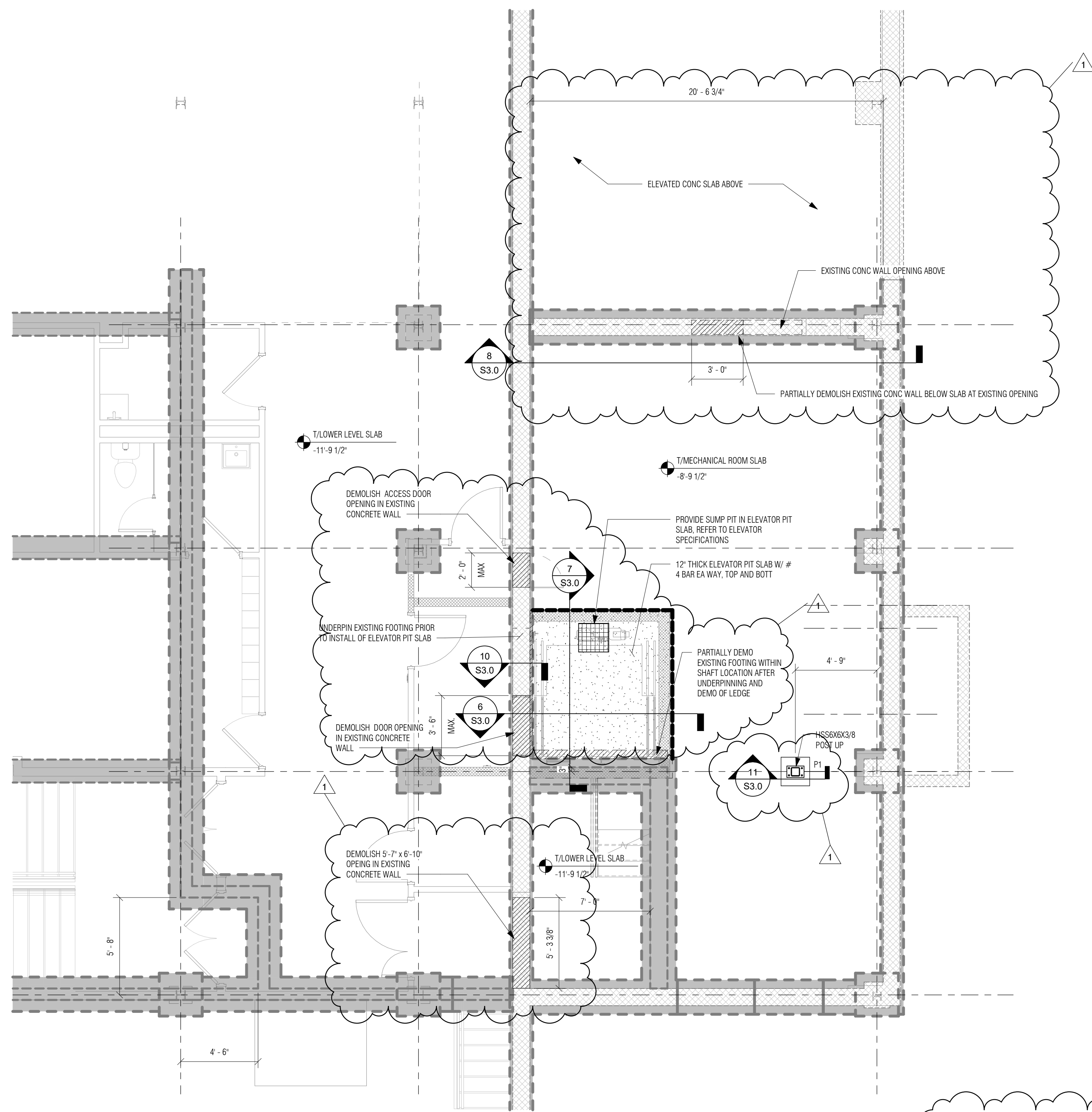
Project Title: ADA IMPROVEMENTS / ELEVATOR ADDITION AT: WESTERN MIDDLE SCHOOL 1 WESTERN JR HIGHWAY GREENWICH CT 06830

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Revision table with columns: Revision, Description, Date, Revised By. Row 1: ADDENDUM #3, 03/09/26, LAA.



Drawing Title: GENERAL NOTES Date: 01/30/2026 Scale: NONE Drawn By: AC/LA Project Number: ISSUED FOR BID State Project Number: 23.097 Drawing Number: S0.0



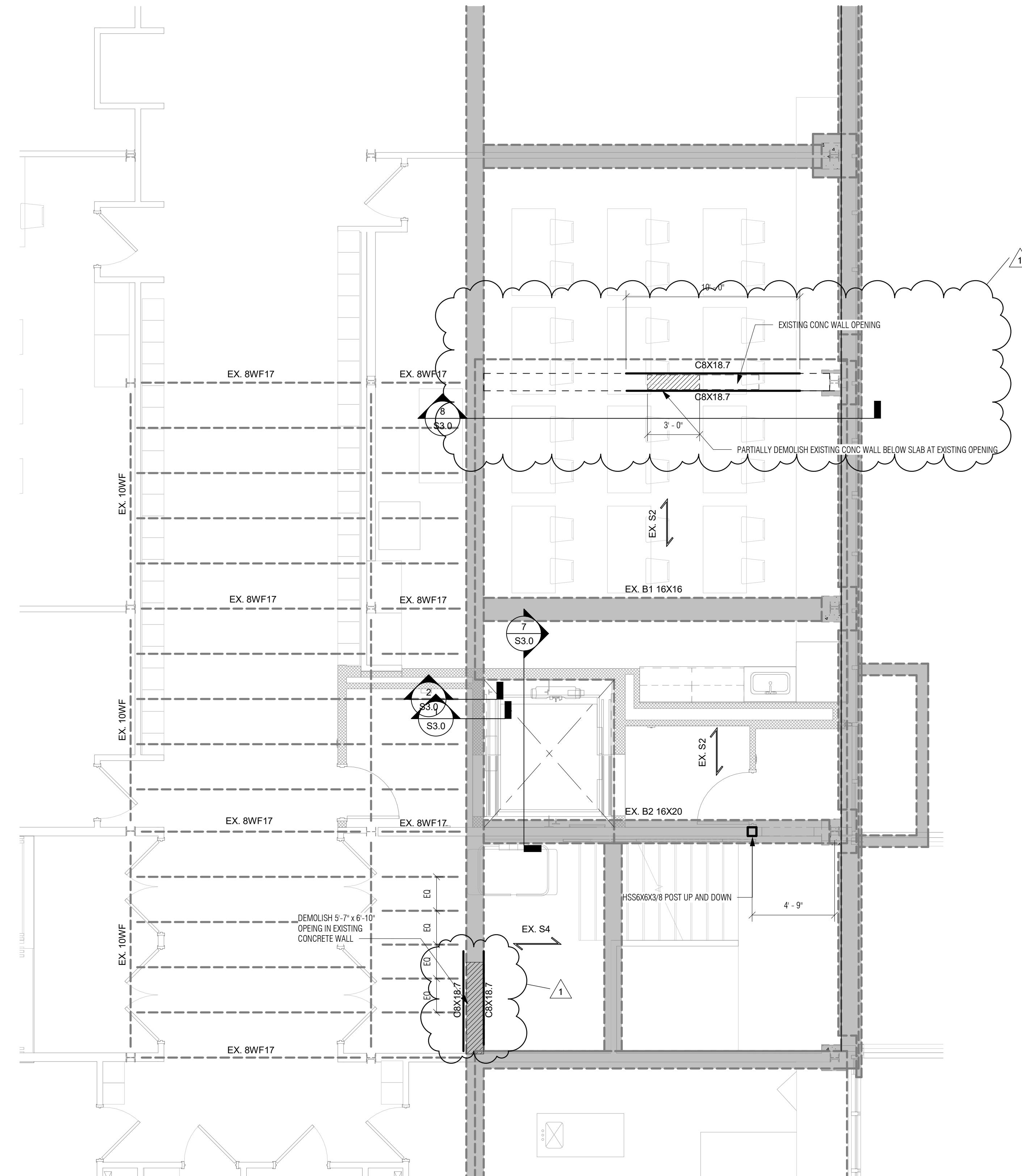
1 PARTIAL LOWER LEVEL/FOUNDATION PLAN
1/4" = 1'-0"

FOUNDATION NOTES:

- TOP OF CONCRETE SLAB ELEVATION— REFER TO PLAN
- FLOOR CONSTRUCTION: 6" NORMAL WEIGHT CONCRETE SLAB REINF. WITH 6X6-W2.90X2.9 W.W.F. (CHAINED). REFER TO GENERAL NOTES FOR SUBGRADE REQUIREMENTS.
- PROVIDE SAWCUT JOINTS IN SLAB ON GRADE PER NOTE #4 ON DRAWINGS S6.0, AND "TYPICAL SLAB ON GRADE DETAILS" ON SHEET S6.0
- TOP OF FOOTING ELEVATION (X-X) GIVEN FROM MAIN LEVEL ELEVATION (0'-0").
- COORDINATE ALL SLAB ON GRADE DEPRESSIONS WITH ARCH'L DRAWINGS.
- COORDINATE ALL PLUMBING INVERTS AND LOCATIONS WITH PLUMBING & SITE DRAWINGS REFER TO TYPICAL DETAIL ON DRAWING S6.0 FOR SUB SURFACE PIPING THROUGH FOUNDATION WALLS.
- "C.J." INDICATES FOUNDATION WALL CONTROL JOINT. REFER TO TYPICAL DETAIL ON DRAWINGS S6.0
- EXISTING FRAMING IS BASED ON EXISTING STRUCTURAL DRAWINGS PREPARED BY WILCOX AND ERICKSON DATED 11/23/1960. ALL CONDITIONS DENOTED MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

CONTRACTOR TO ASSUME REMOVAL OF ALL EXISTING LEDGE WITHIN EXTENT OF PROPOSED ELEVATOR PIT. ELEVATION OF TOP OF LEDGE TO BE ASSUMED AS BOTTOM OF EXISTING MECHANICAL ROOM SLAB UNTIL VERIFIED IN FIELD. COORDINATE REMOVAL OF LEDGE AND/OR SOIL WITH GEOTECHNICAL ENGINEER OF RECORD. CONTRACTOR TO NOTIFY GEOTECHNICAL ENGINEER WHEN LEDGE IS EXPOSED FOR REVIEW PRIOR TO REMOVAL.

ZERO DATUM FOR ALL ELEVATIONS GIVEN ON STRUCTURAL DRAWINGS IS TYPICAL LEVEL. ACTUAL ELEVATION 77'-8" = 0'-0"



2 PARTIAL MAIN LEVEL FRAMING PLAN
1/4" = 1'-0"

FLOOR FRAMING NOTES

- EXISTING FRAMING IS BASED ON EXISTING STRUCTURAL DRAWINGS PREPARED BY WILCOX AND ERICKSON DATED 11/23/1960. ALL CONDITIONS DENOTED MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- TOP OF FLOORWALL ELEVATIONS:

LOWER LEVEL	= -11'-9 1/2"
MAIN LEVEL	= 0'-0"
UPPER LEVEL	= +11'-3 5/8"
ROOF LEVEL	= +22'-2 7/8"
TOP OF ELEVATOR CMU WALL	= +29'-5/8"
- BASED ON EXISTING DRAWINGS:
 - TOP OF S.J. STEEL IS (-3") FROM TOP OF FLOOR SLAB
 - TOP OF STRUCTURAL STEEL IS (-6") FROM TOP OF FLOOR SLAB
- ALL BEAM FRAMING SHALL HAVE EQUAL SPACING BETWEEN COLLUMS, UNLESS NOTED OTHERWISE.
- SHORE EXISTING SLAB AND FRAMING PRIOR TO DEMOLITION. SHORING SHOULD BE CONSISTENT DOWN TO THE FOUNDATION LEVEL. THE SHORING AND BRACING DESIGN SHALL BE SUBMITTED AS PART OF THE DELEGATED DESIGN REQUIREMENTS. REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS RELATED TO DELEGATED DESIGN.

- EX SOD1 INDICATES EXISTING SLAB CONSTRUCTION: 2 1/2" CONCRETE ON 1/2" DEEP CORRUGATED METAL DECK (TOTAL 3" THICKNESS)
- EX S2 INDICATES EXISTING CONCRETE SLAB: 4 1/2" TOTAL THICKNESS ONE-WAY REINFORCED CONCRETE SLAB
- EX S3 INDICATES EXISTING CONCRETE SLAB: 4 1/2" TOTAL THICKNESS ONE-WAY REINFORCED CONCRETE SLAB
- EX S4 INDICATES EXISTING CONCRETE SLAB: 4" TOTAL THICKNESS ONE-WAY REINFORCED CONCRETE SLAB

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GREENWICH CT 06830



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Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	03/09/26	LAA



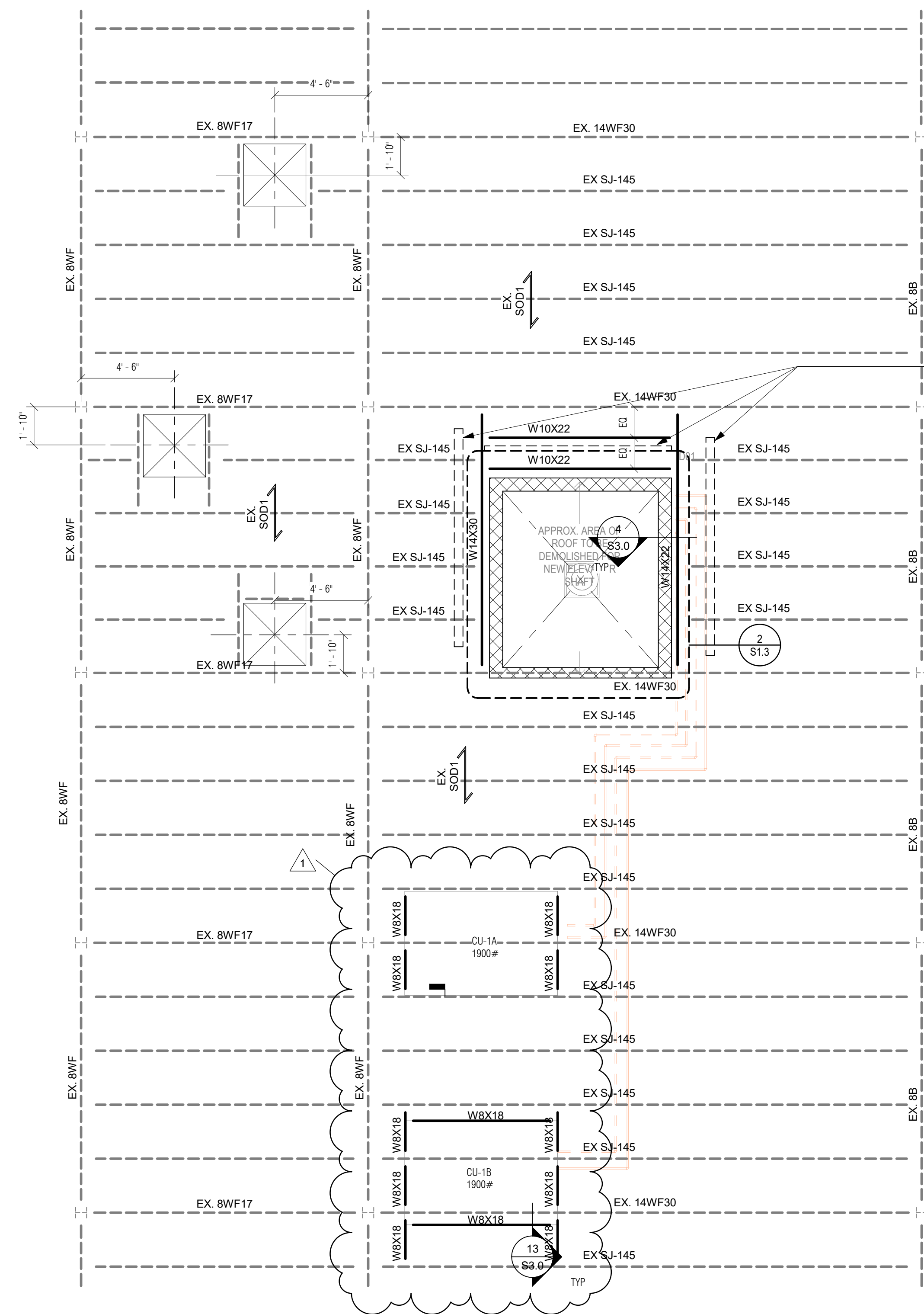
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Drawing Title:
**FOUNDATION AND MAIN LEVEL
FRAMING PLANS**
Project Submission:
ISSUED FOR BID
State Project Number:

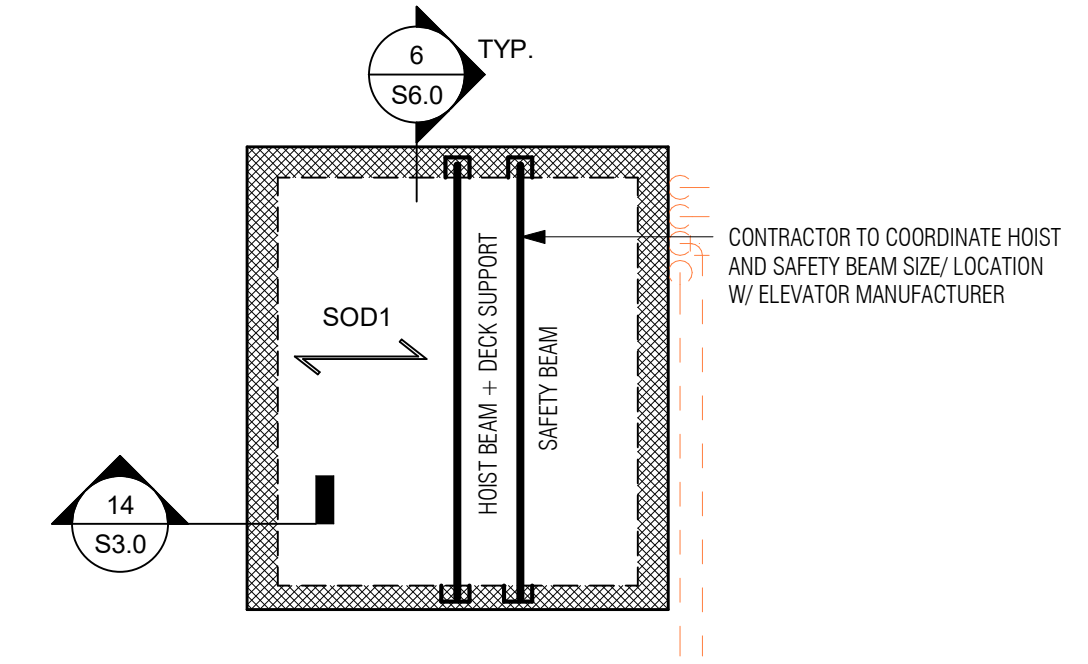
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Drawn By:
AC/LA
Project Number:
23.097

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REFER TO PLAN NOTE 5



CONTRACTOR TO COORDINATE HOST AND SAFETY BEAM SIZE / LOCATION W/ ELEVATOR MANUFACTURER

2 ELEVATOR ROOF FRAMING PLAN
1/4" = 1'-0"

1 ROOF FRAMING PLAN
1/4" = 1'-0"

ROOF CONSTRUCTION NOTES:

1. FLOOR CONSTRUCTION: 3" NORMAL WEIGHT CONCRETE ON 7'-20ga LDK GALV. COMPOSITE FLOOR DECK (9" TOTAL THICKNESS) REINFORCED WITH 6#-W2.9Wx2.9 WELDED WIRE FABRIC (CHARGED).
2. INDICATES EXISTING SLAB CONSTRUCTION: 2 1/2" CONCRETE ON 1/2" DEEP CORRUGATED METAL DECK (TOTAL 3" THICKNESS).
3. ALL BEAM FRAMING SHALL HAVE EQUAL SPACING BETWEEN COLUMNS, UNLESS NOTED OTHERWISE.
4. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ALL OPENING, DRAINS AND EQUIPMENT. PROVIDE FRAMES PER TYPICAL DETAILS.
5. CONTRACTOR TO FIELD VERIFY ALL EXISTING FRAMING SIZES, SPACING AND LOCATIONS PRIOR TO SUBMITTING SHOP DRAWINGS.
6. SHORE EXISTING SLAB AND FRAMING PRIOR TO DEMOLITION. SHORING SHOULD BE CONSISTENT DOWN TO THE FOUNDATION LEVEL. THE SHORING AND BRACING DESIGN SHALL BE SUBMITTED AS PART OF THE DELEGATED DESIGN REQUIREMENTS. REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS RELATED TO DELEGATED DESIGN.
7. EXISTING FRAMING IS BASED ON EXISTING STRUCTURAL DRAWINGS PREPARED BY WILCOX AND ERICKSON DATED 11/23/1960. ALL CONDITIONS DENOTED MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
8. **BASED ON EXISTING DRAWINGS:**
 - A. TOP OF S.J. STEEL IS (-3 1/2") FROM TOP OF ROOF SLAB
 - B. TOP OF STRUCTURAL STEEL IS (-6") FROM TOP OF ROOF SLAB

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Revision	Description	Date	Revised By
1	ADDENDUM #3	03/09/26	LAA

MHAI
 Michael Horton
 Associates Inc.
 Consulting Structural Engineers
 780 East Main Street
 Branford, Connecticut 06405
 203-481-8600 mha-eng.com

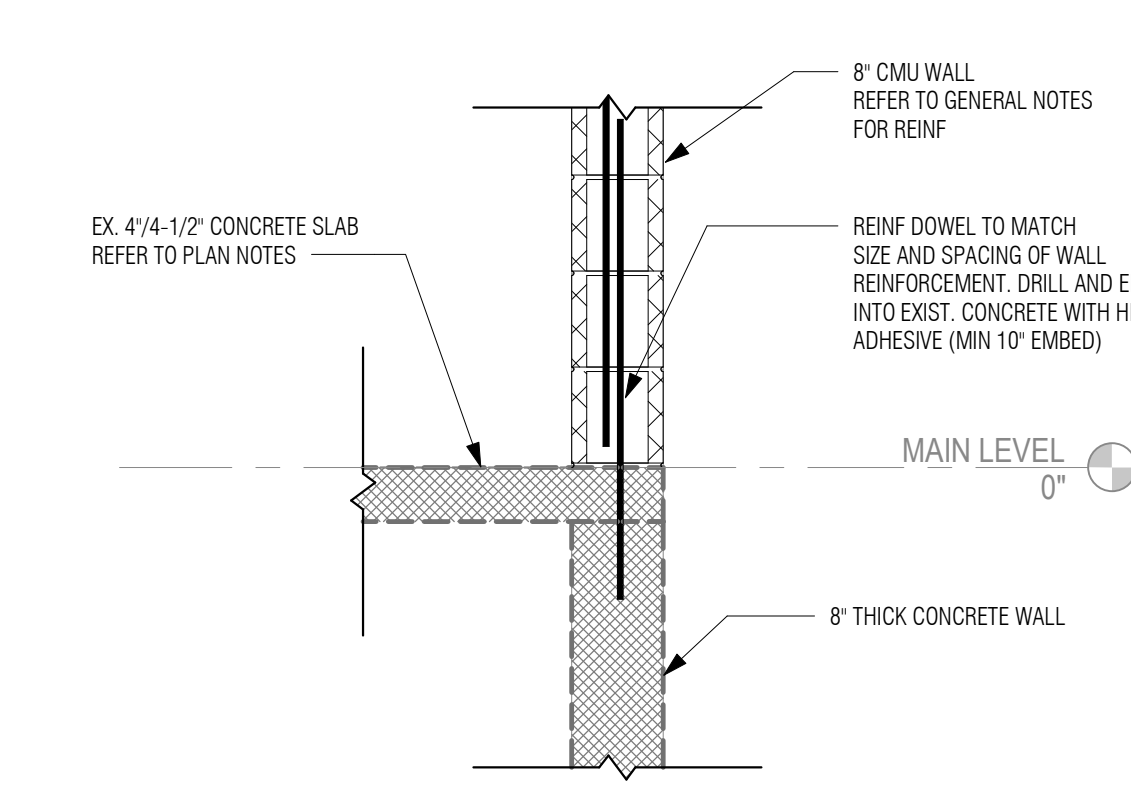
Drawing Title:
ROOF FRAMING PLAN

Date: 01/30/2026
 Scale:
 As Indicated
 Drawn By:
 Project Number: 23.097

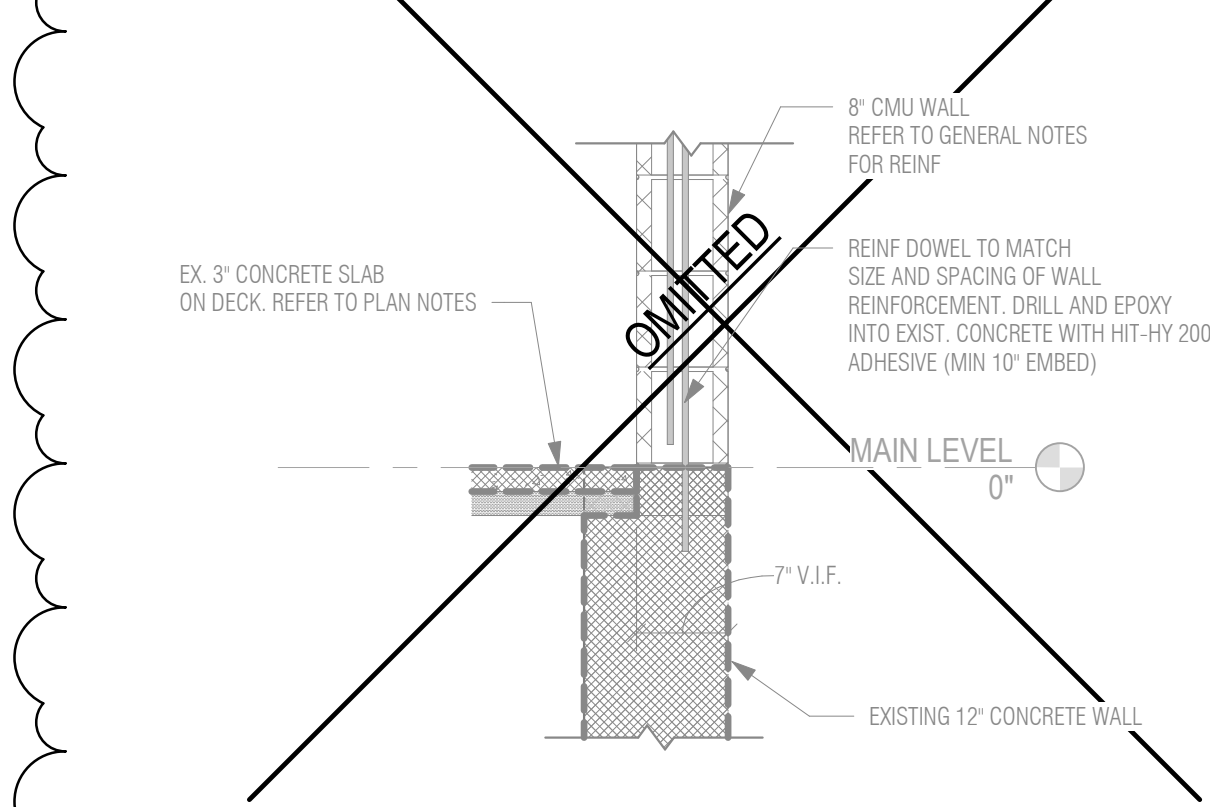
Project Submission:
ISSUED FOR BID

State Project Number:

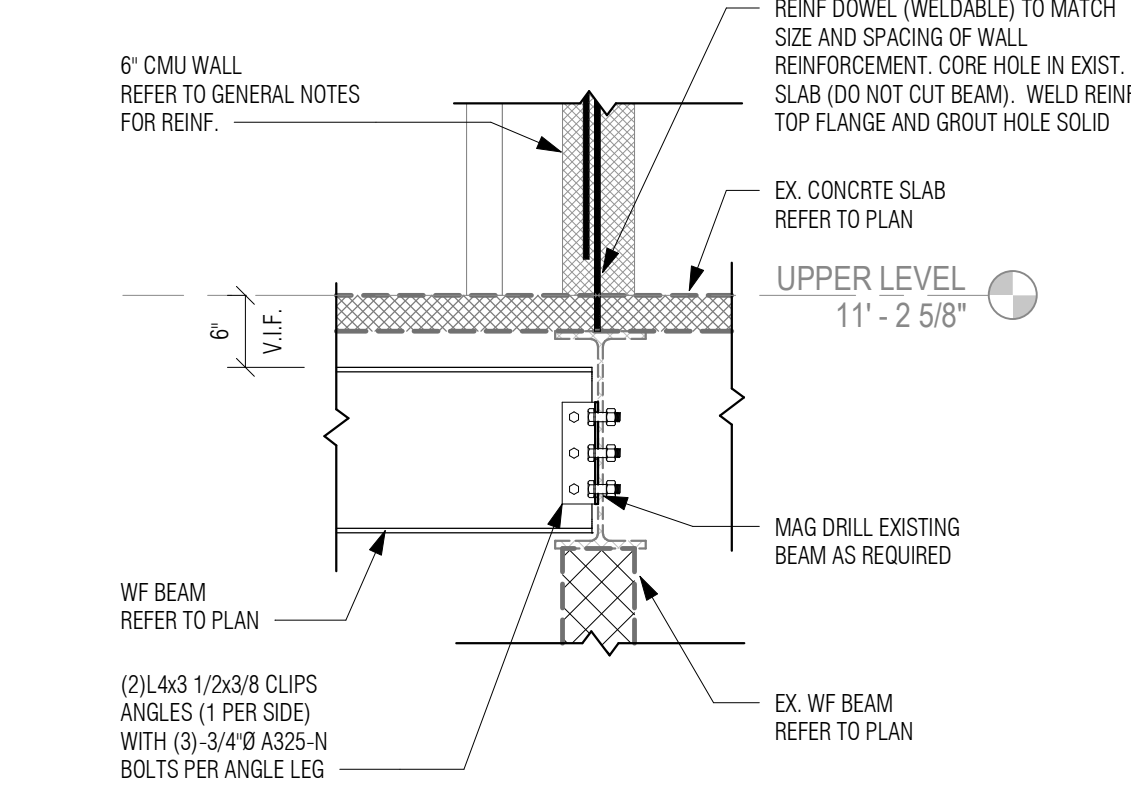
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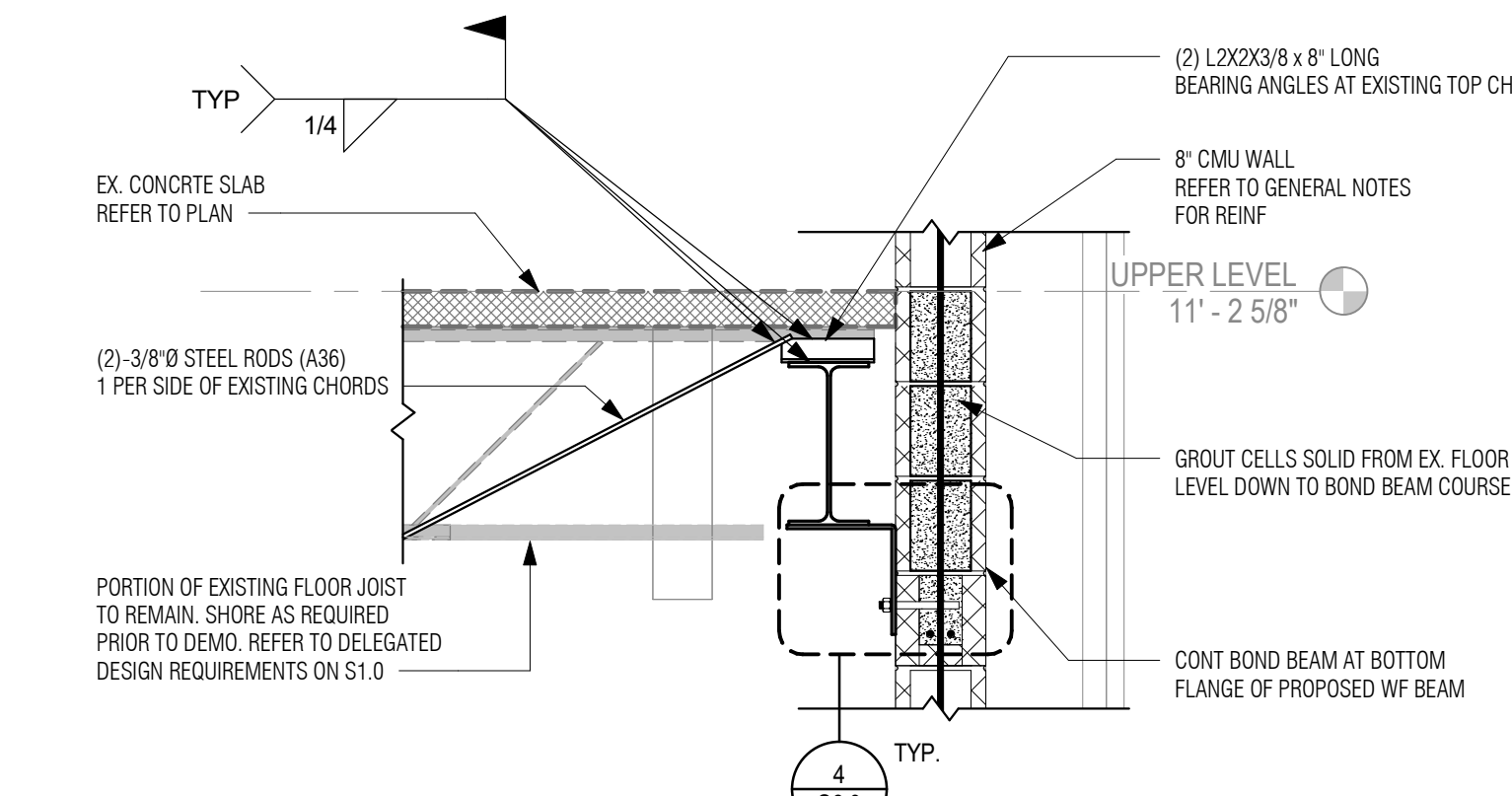
1 SECTION
3/4" = 1'-0"



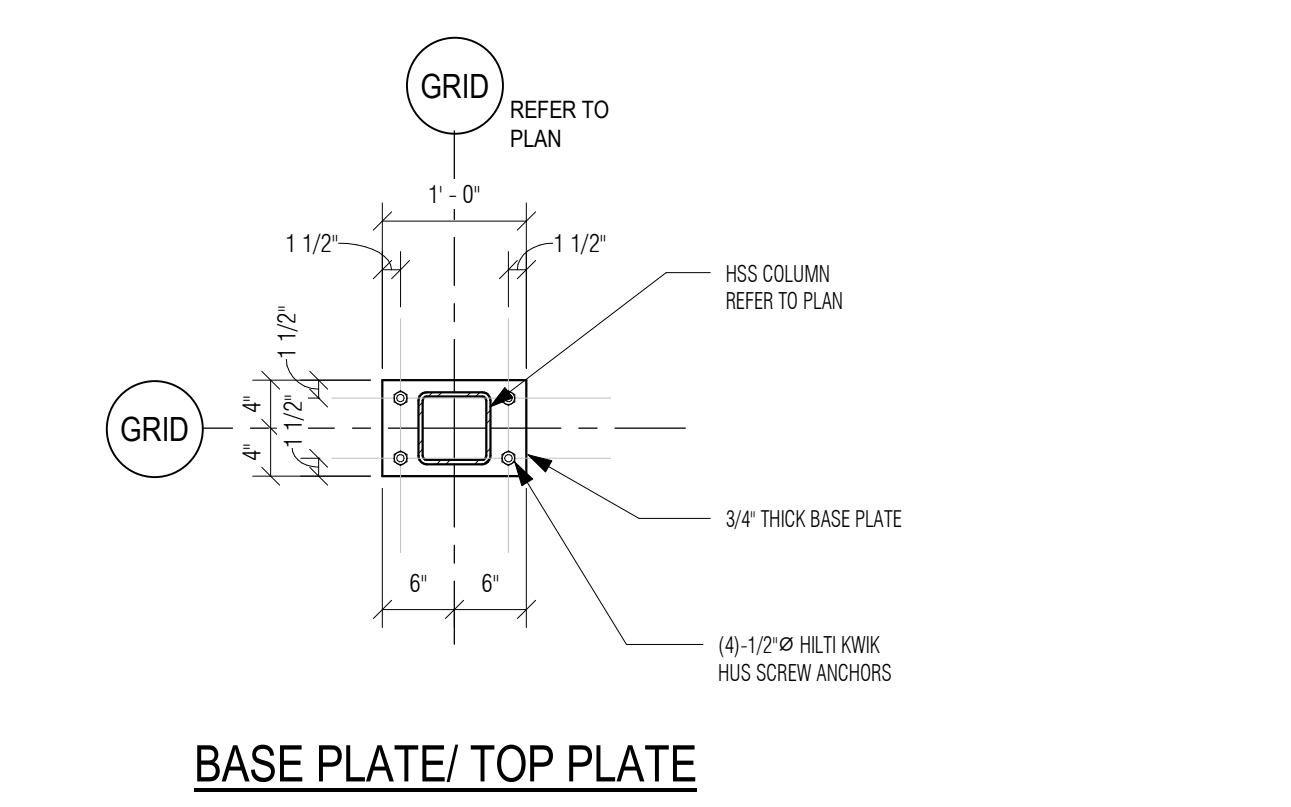
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3/4" = 1'-0"



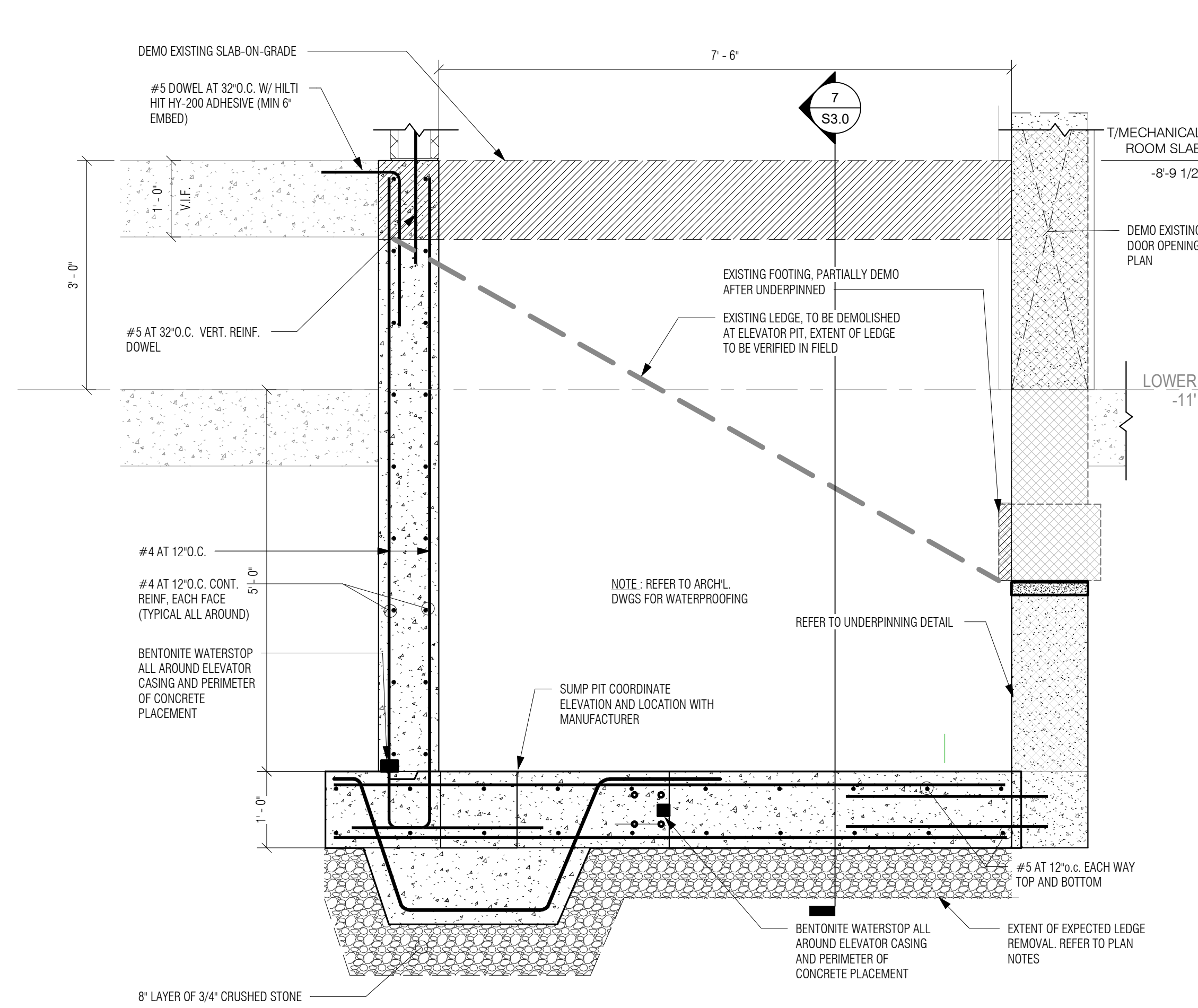
3 SECTION
3/4" = 1'-0"



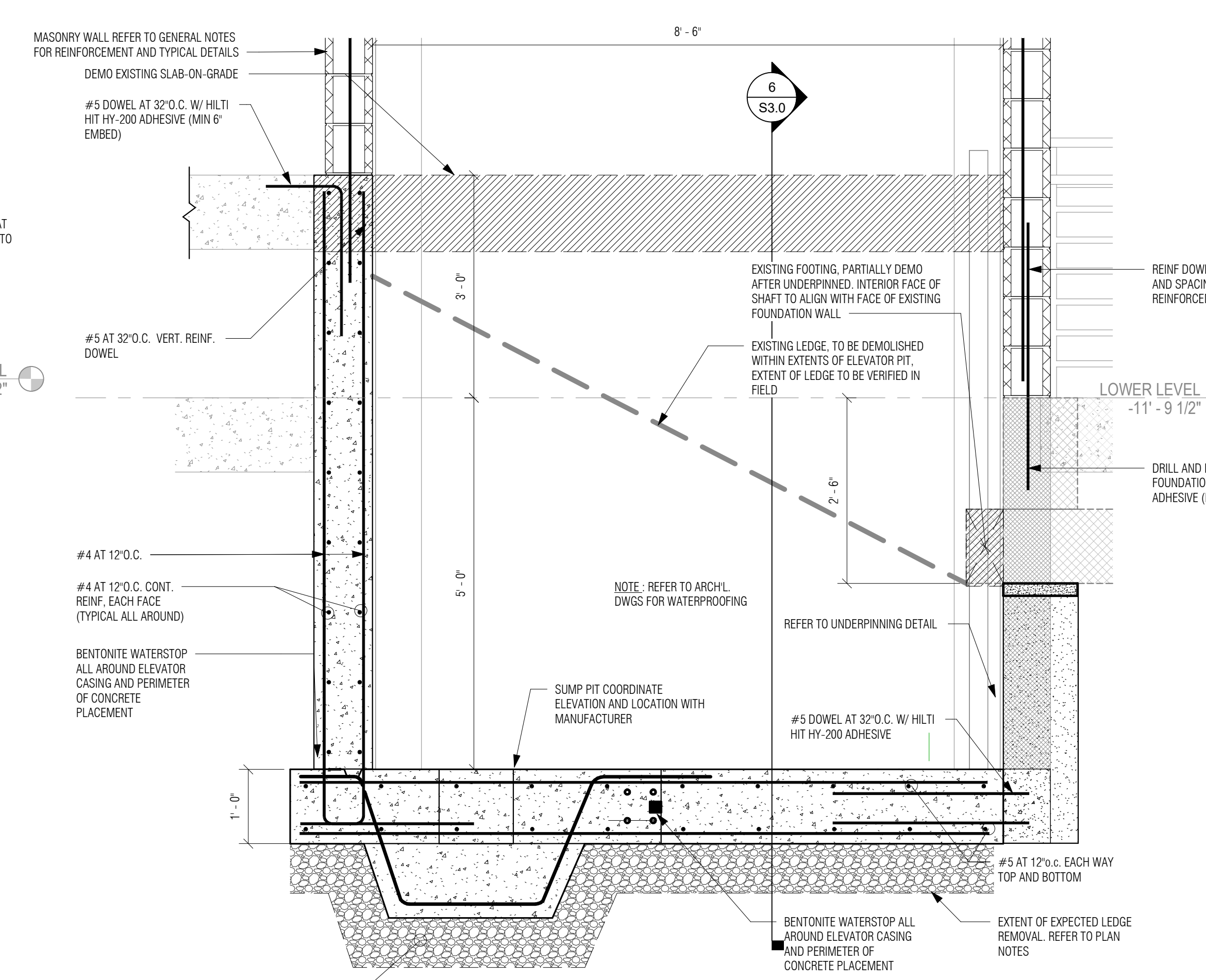
4 SECTION
3/4" = 1'-0"



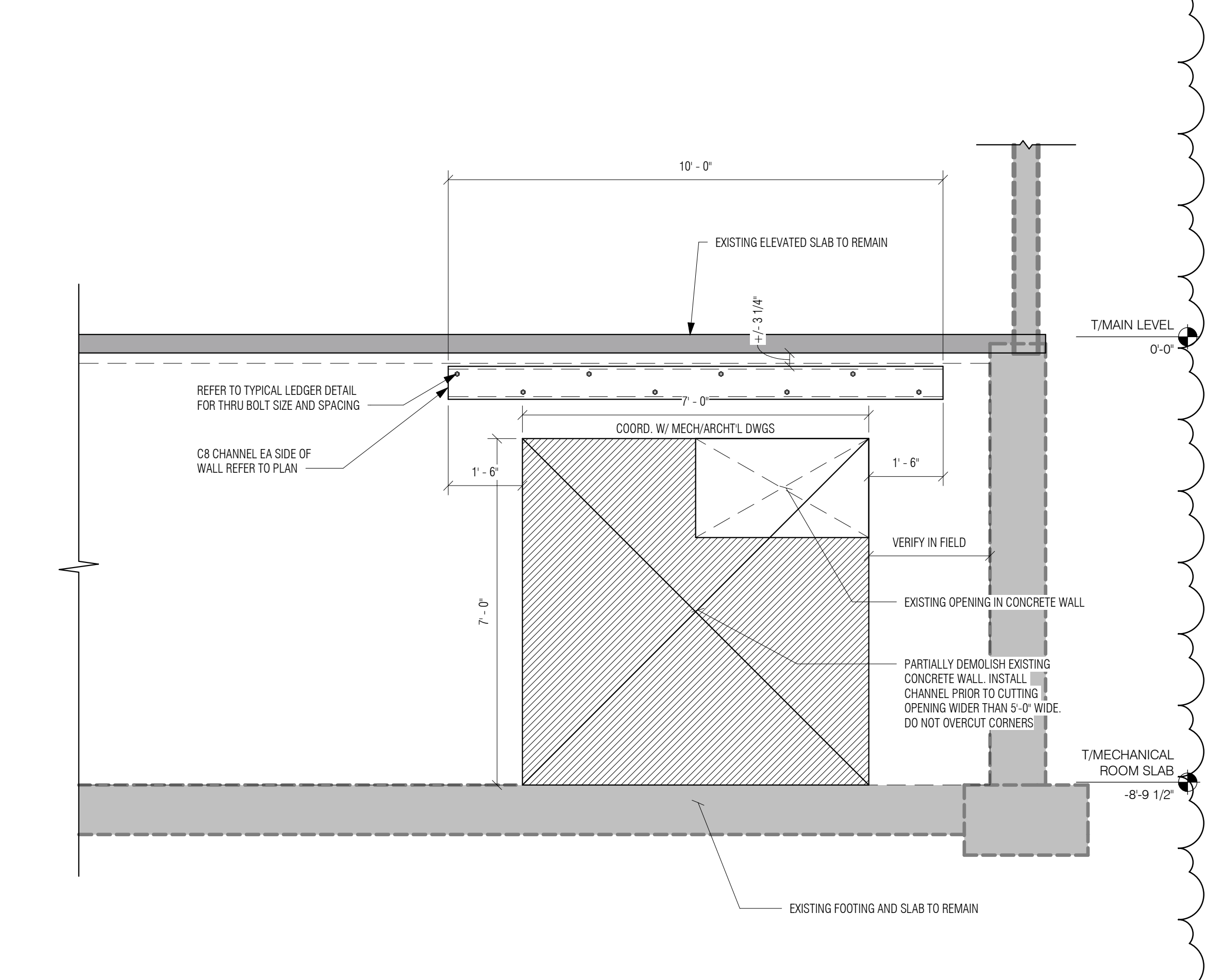
5 HSS6X6 BASEPLATE/TOP PLATE AT EXIST CONCRETE BEAM
3/4" = 1'-0"



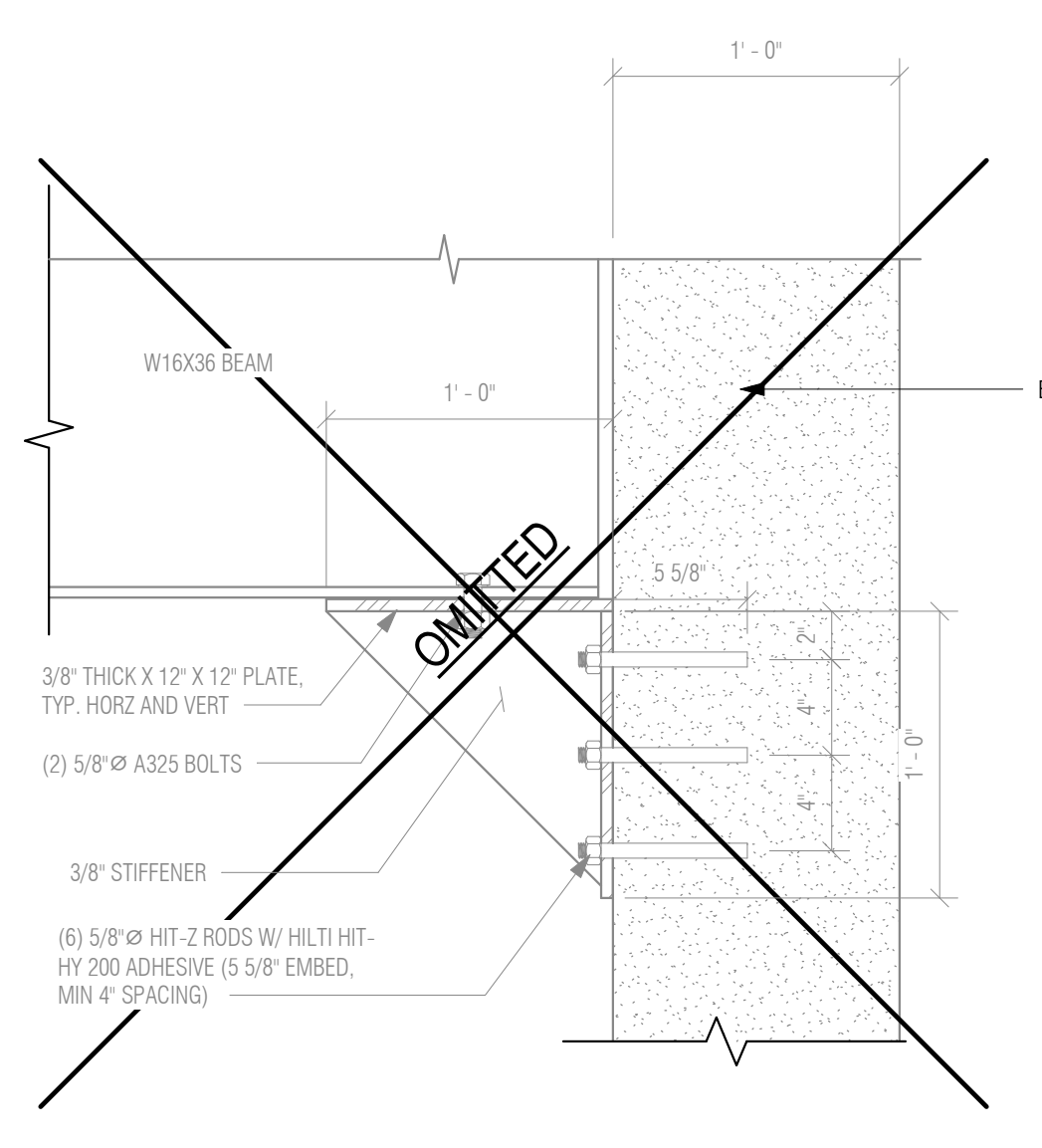
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3/4" = 1'-0"



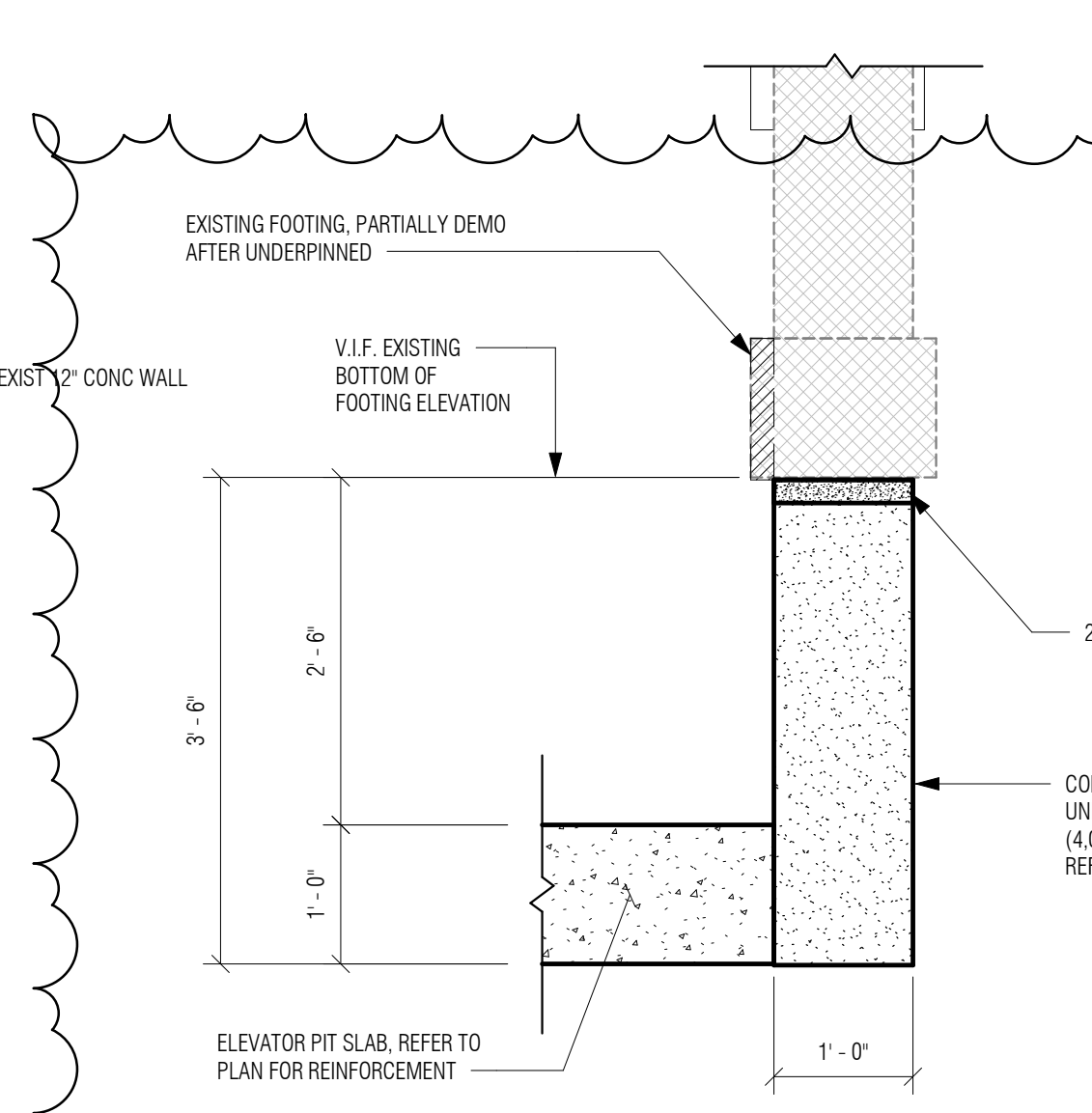
7 SECTION
3/4" = 1'-0"



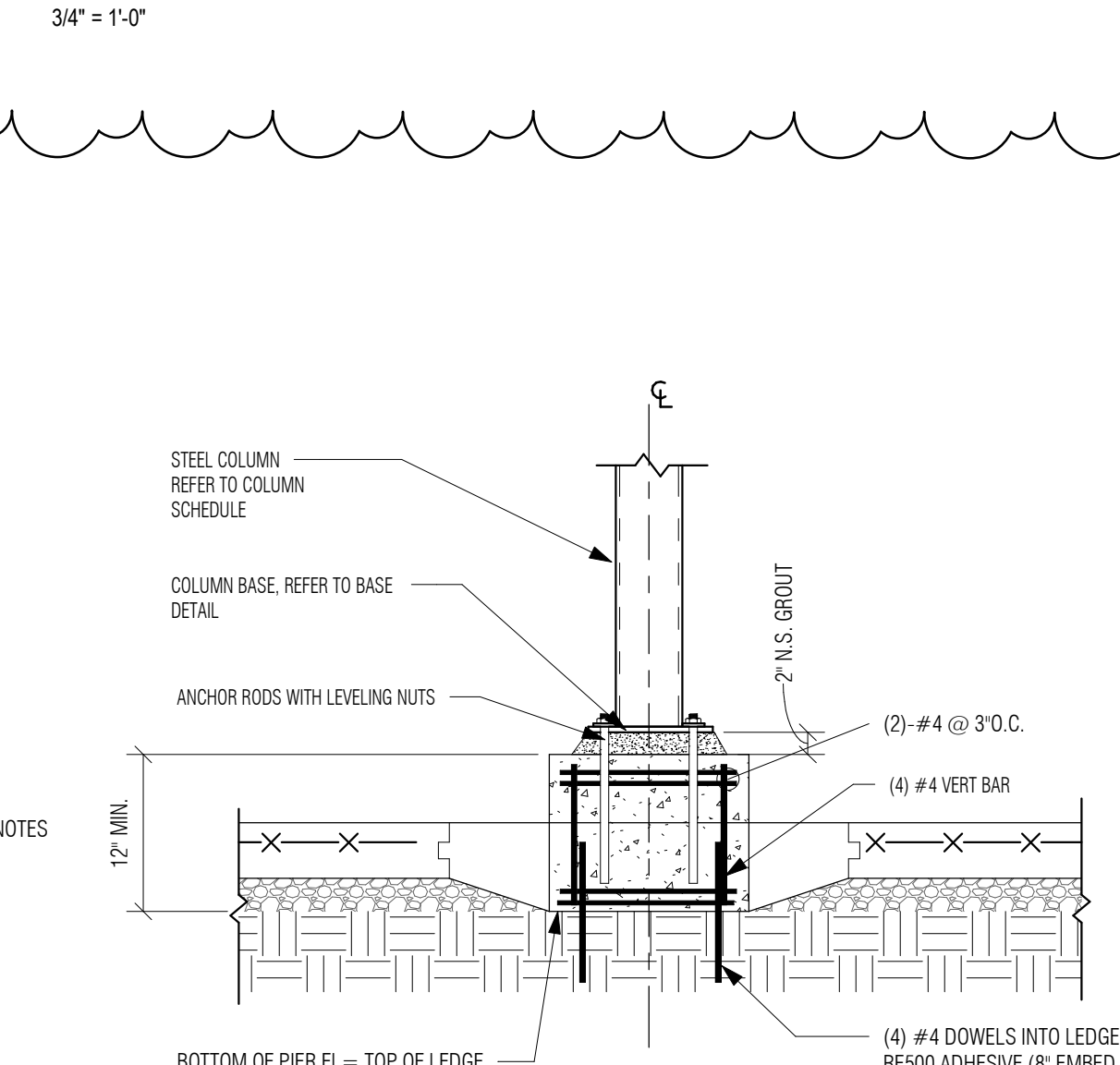
8 SECTION
1/2" = 1'-0"



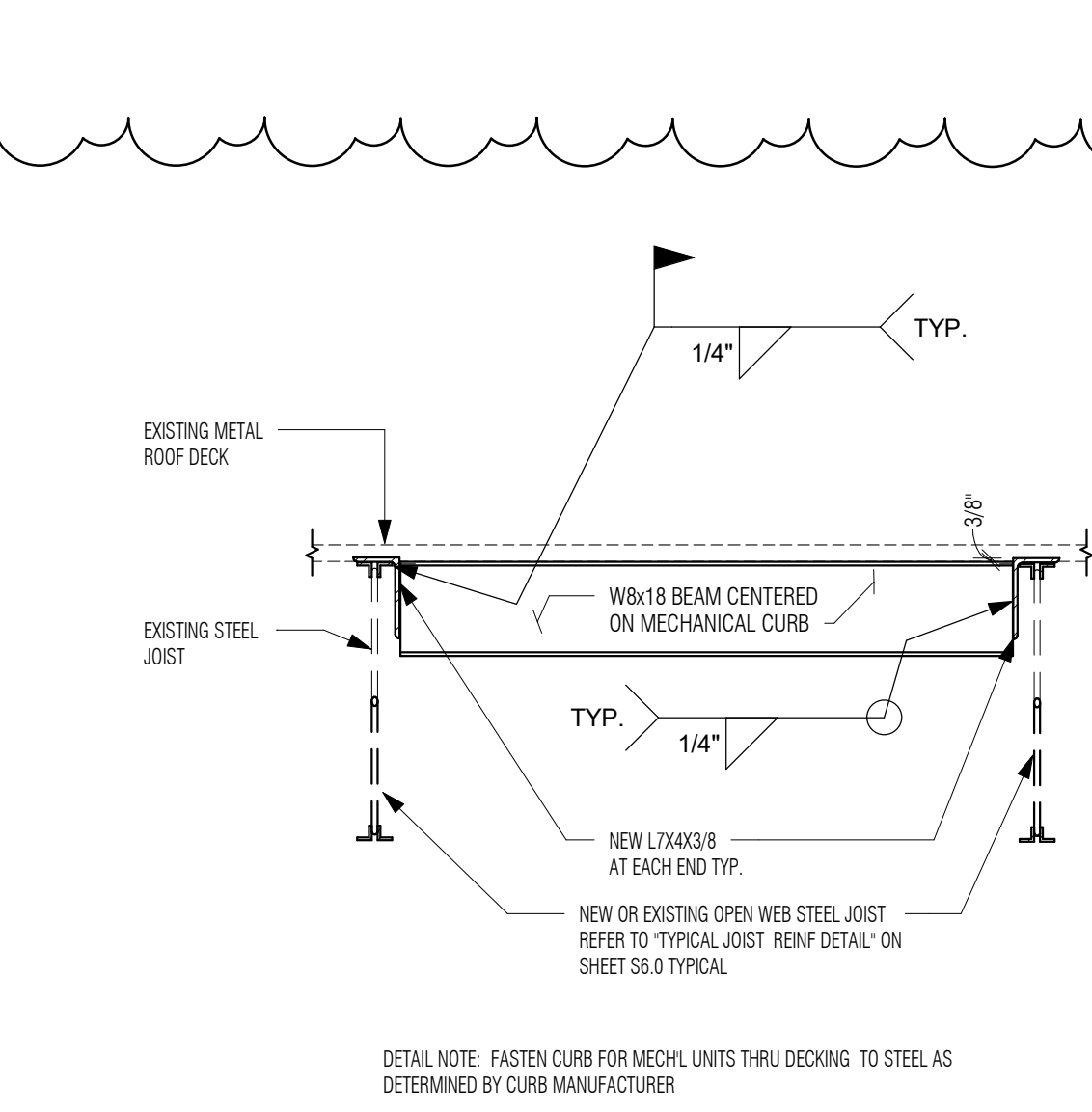
9 SECTION
1/12" = 1'-0"



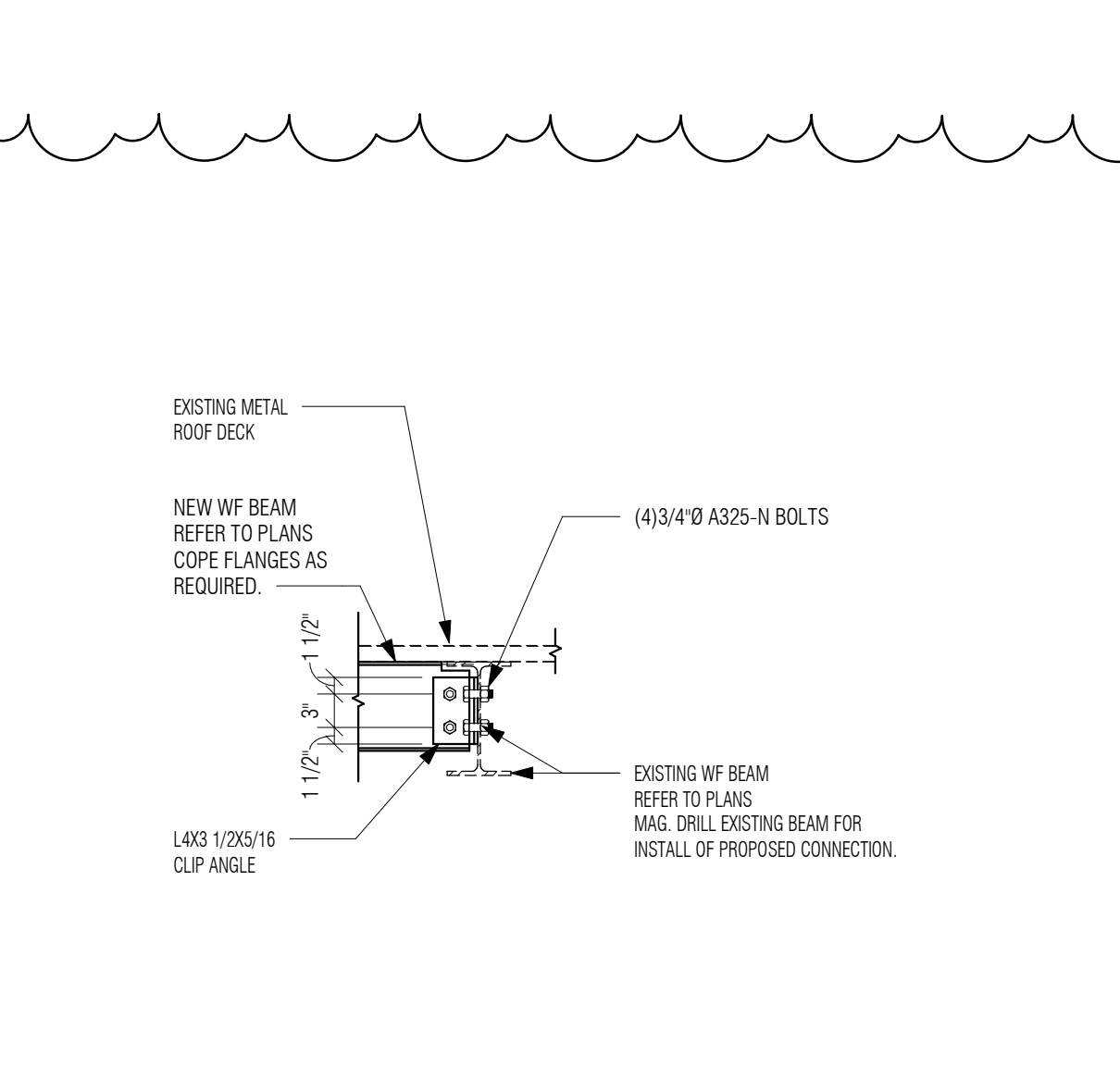
10 UNDERPINNING SECTION
3/4" = 1'-0"



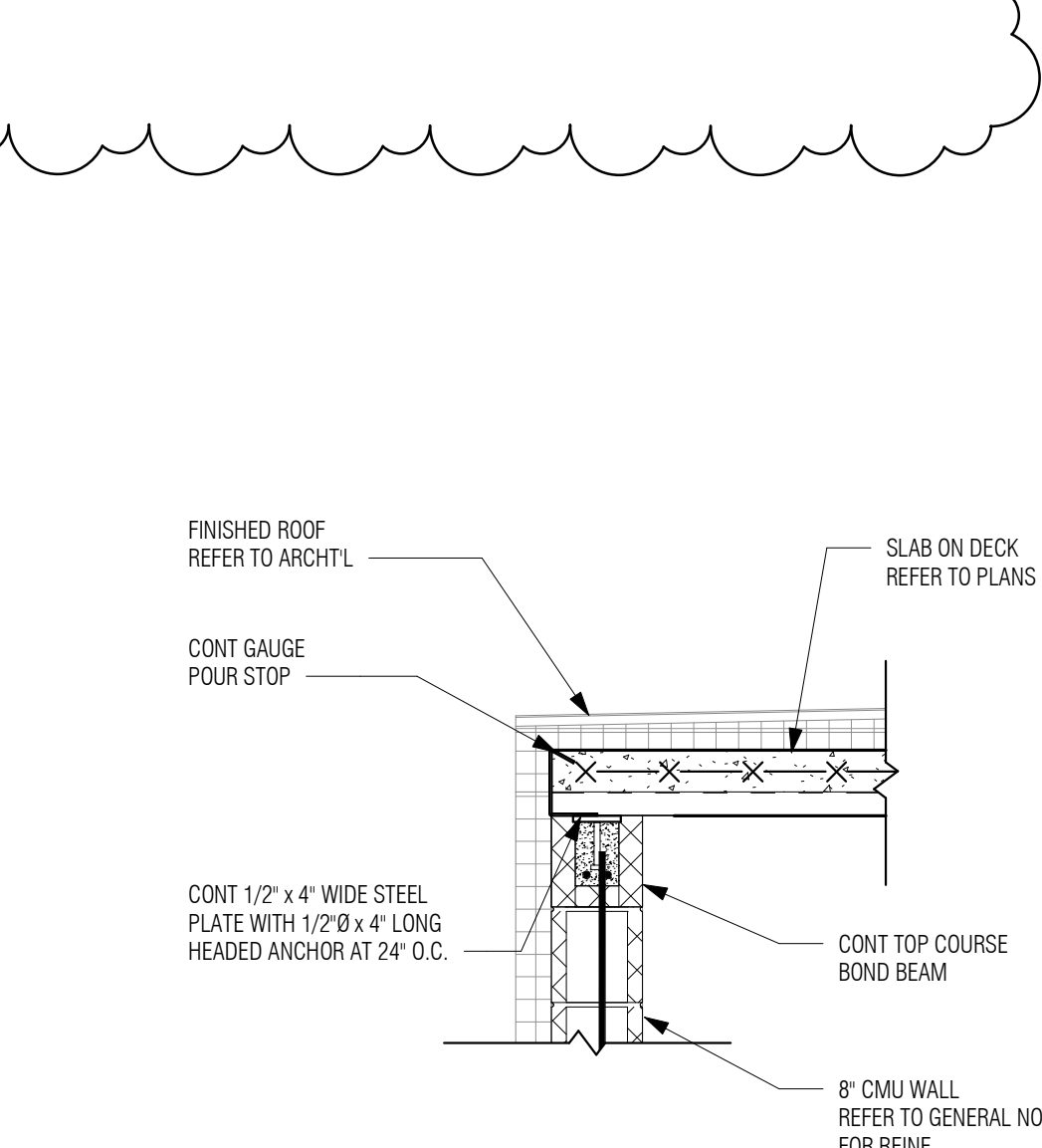
11 TYPICAL COLUMN PIER DETAIL
3/4" = 1'-0"



12 TYPICAL ROOF TOP EQUIPMENT SUPPORT (AT STEEL JOIST)
3/4" = 1'-0"



13 TYPICAL NEW BEAM TO EXISTING BEAM CONNECTION
3/4" = 1'-0"



14 SECTION
3/4" = 1'-0"

Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

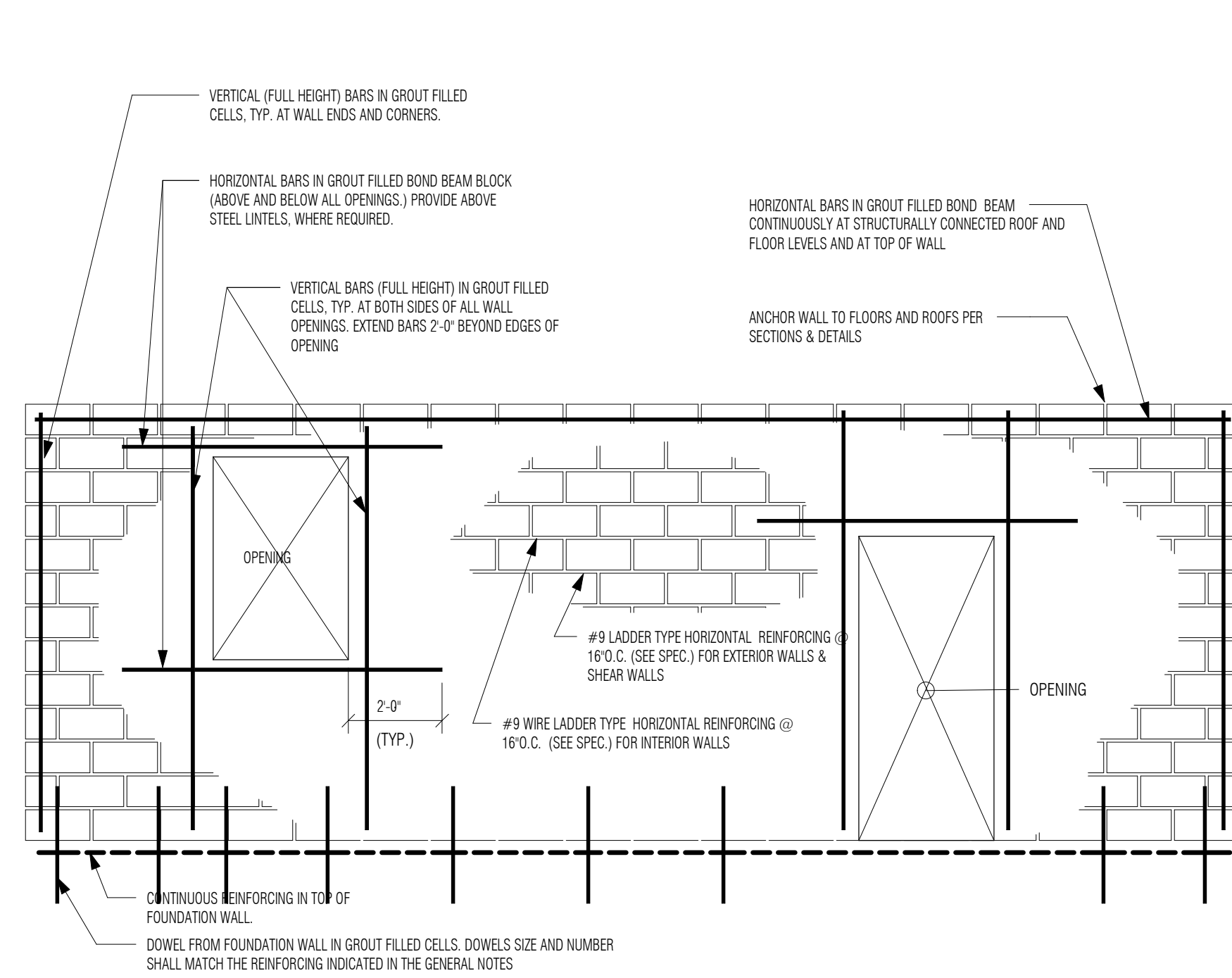
SILVER PETRUCELLI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
 203 230 9007 silverpetrucelli.com

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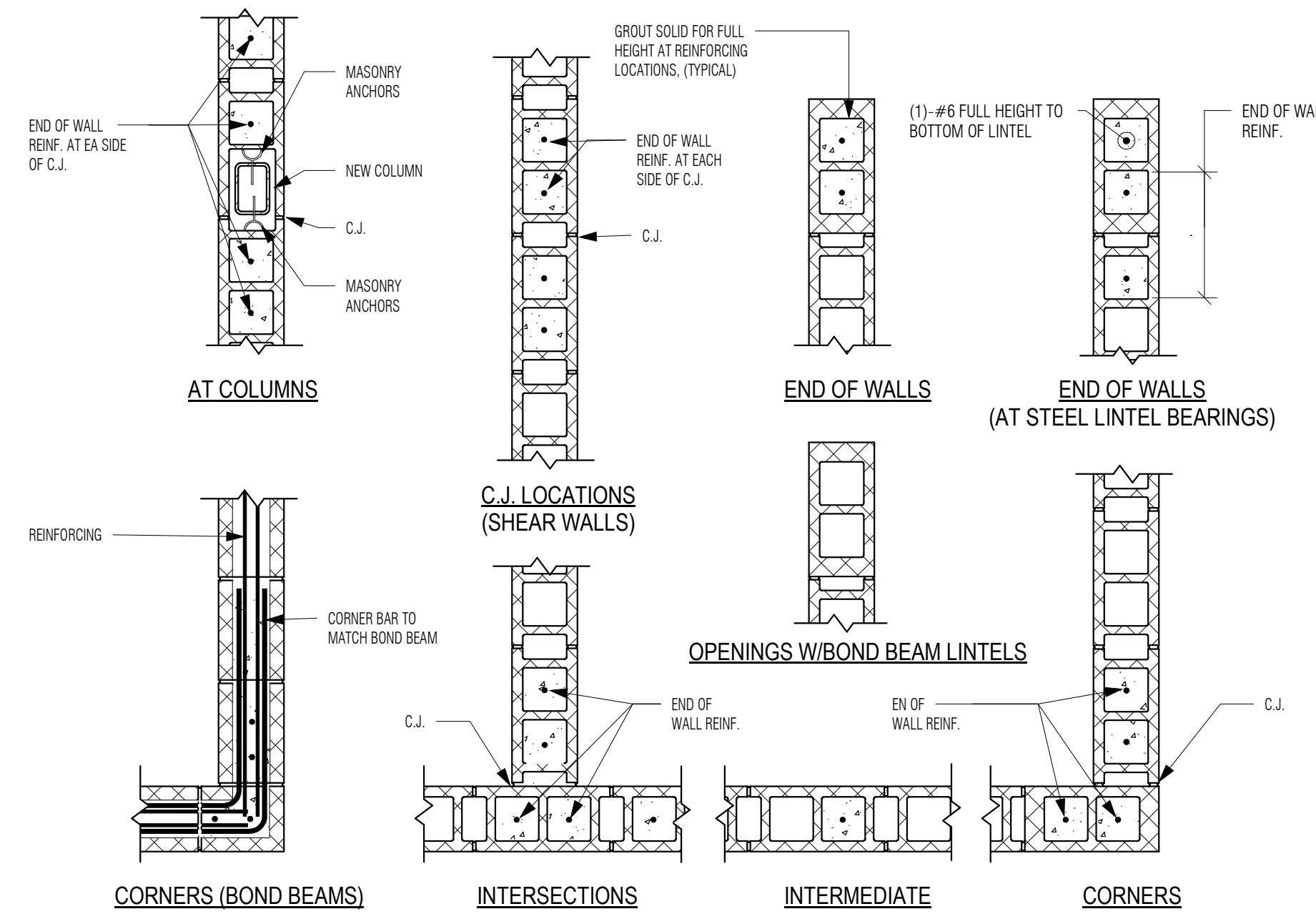
Drawing Title:
SECTIONS
 Project Submission:
ISSUED FOR BI
 State Project Number:

Date:
 01/30/2026
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 As Indicated
 Drawn By:
 AC/LA
 Project Number:
 23.097
 Drawing Number:
S3.0



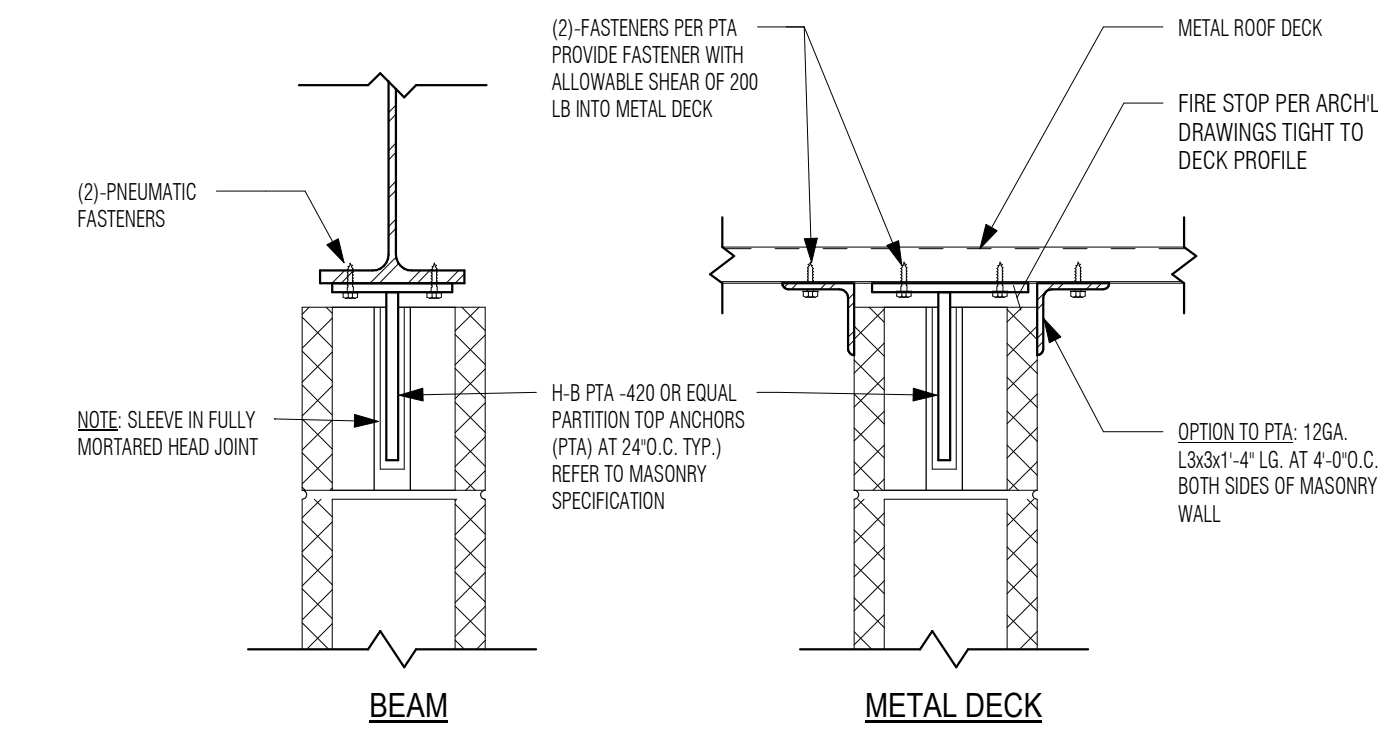
1 TYPICAL CMU WALL REINFORCEMENT DETAIL
3/4" = 1'-0"

NOTE: REFER TO CONCRETE MASONRY GENERAL NOTES ON DRAWING FOR WALL REINFORCING REQUIREMENTS.



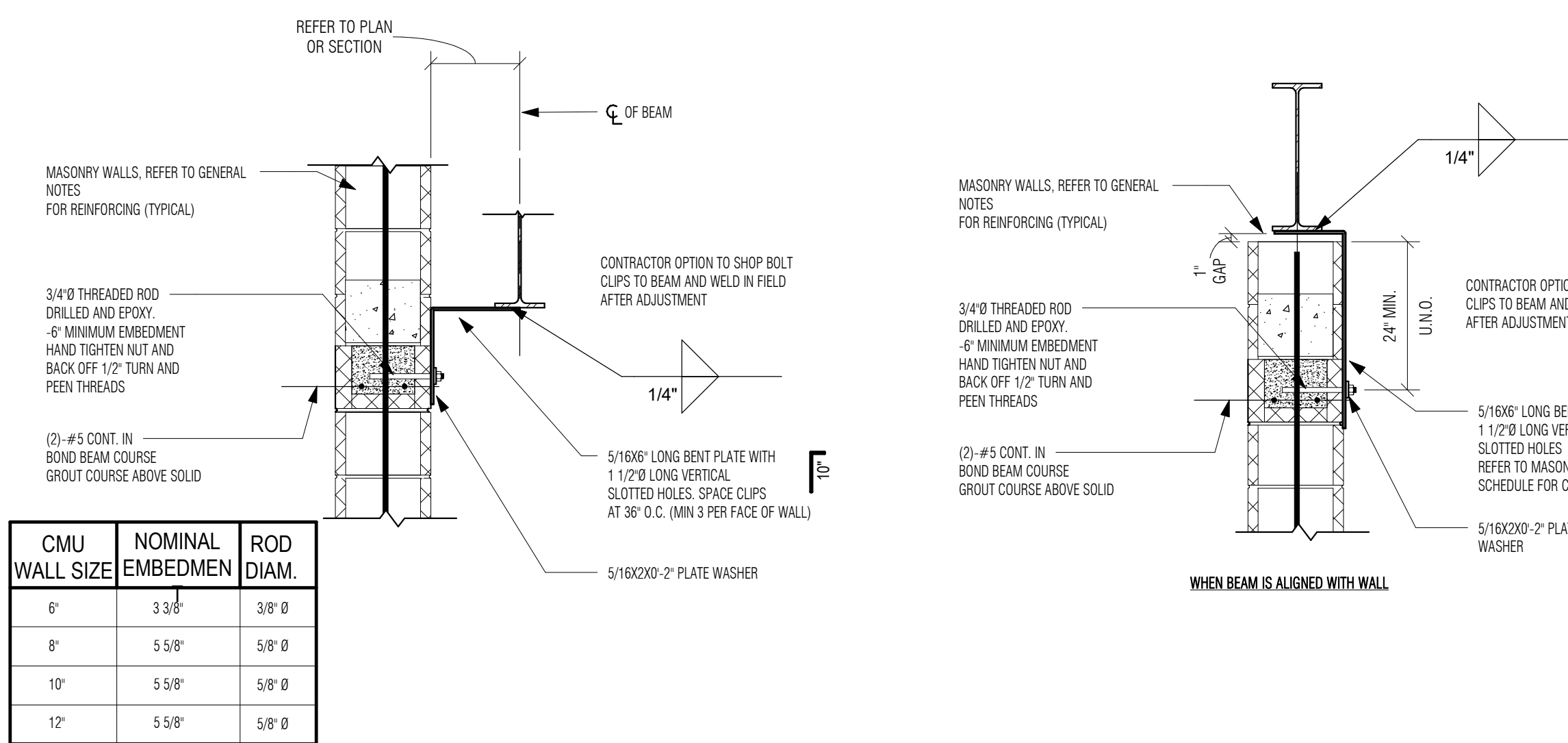
2 TYPICAL CMU REINFORCING PLAN DETAILS
3/4" = 1'-0"

NOTES:
1. REINFORCING DETAILS APPLY TO ALL CMU WALLS. FOR ACTUAL REINFORCING REQUIREMENTS, REFER TO GENERAL NOTES ON DRAWINGS.
2. PROVIDE DONNELS FROM CONCRETE FOUNDATIONS TO CMU WALL ABOVE. SIZE AND NUMBER TO MATCH WALL REINFORCING.



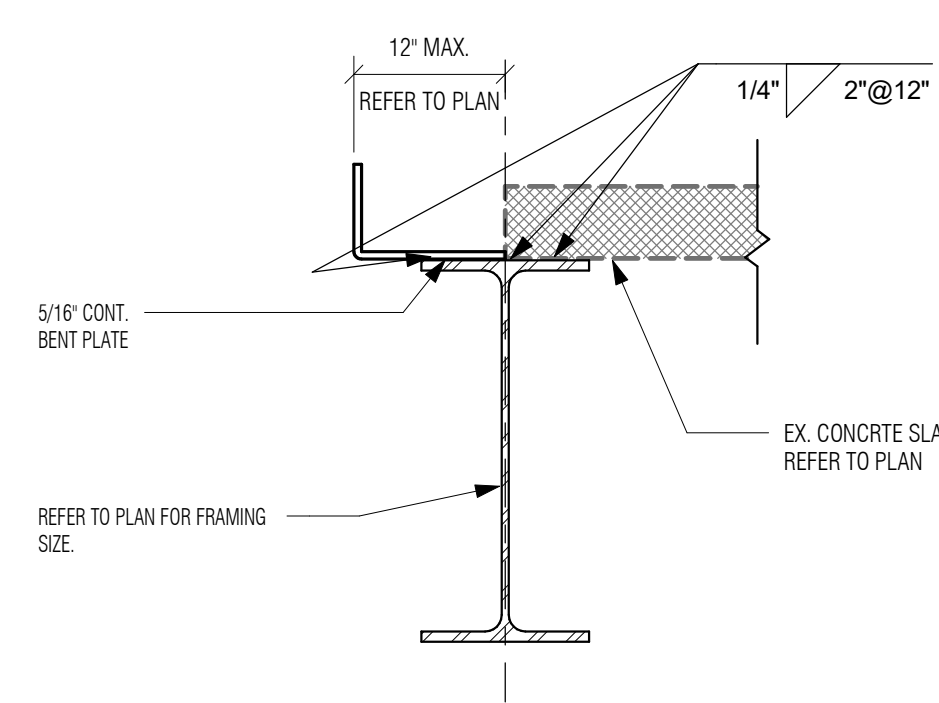
3 TYPICAL TOP OF WALL MASONRY ANCHORAGE TO STEEL
1 1/2" = 1'-0"

NOTE: APPLIES TO INTERIOR WALLS ONLY.

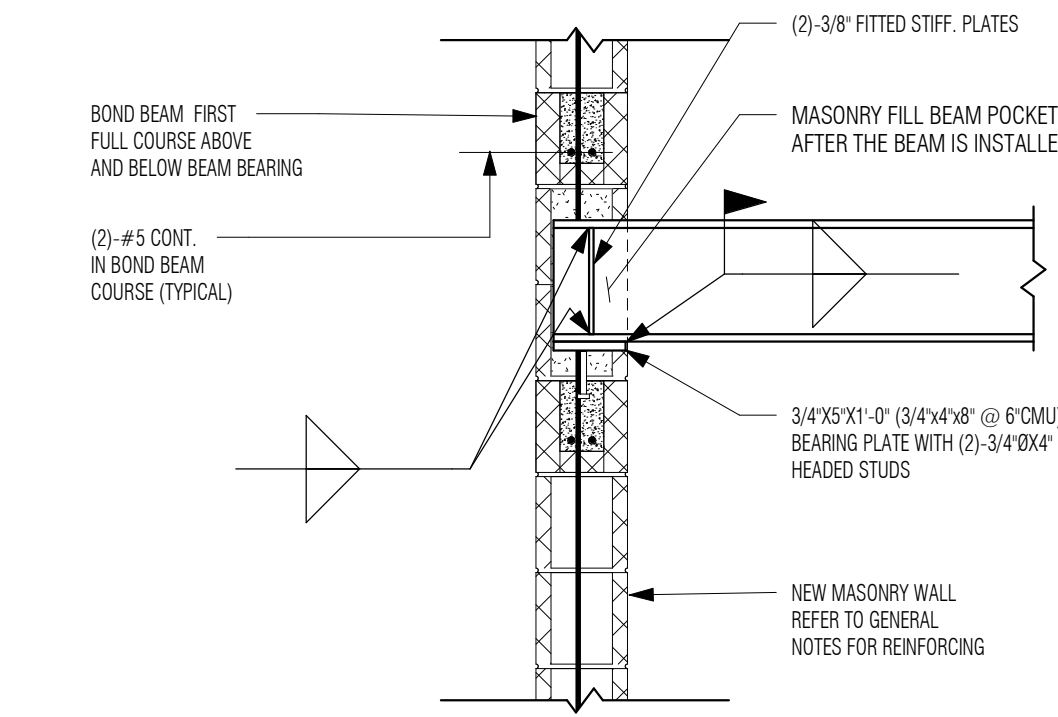


CMU WALL SIZE	NOMINAL EMBEDMENT	ROD DIAM.
6"	3-3/8"	3/8" Ø
8"	5-5/8"	5/8" Ø
10"	5-5/8"	5/8" Ø
12"	5-5/8"	5/8" Ø

4 TYPICAL BEAM TO MASONRY CONNECTIO
3/4" = 1'-0"



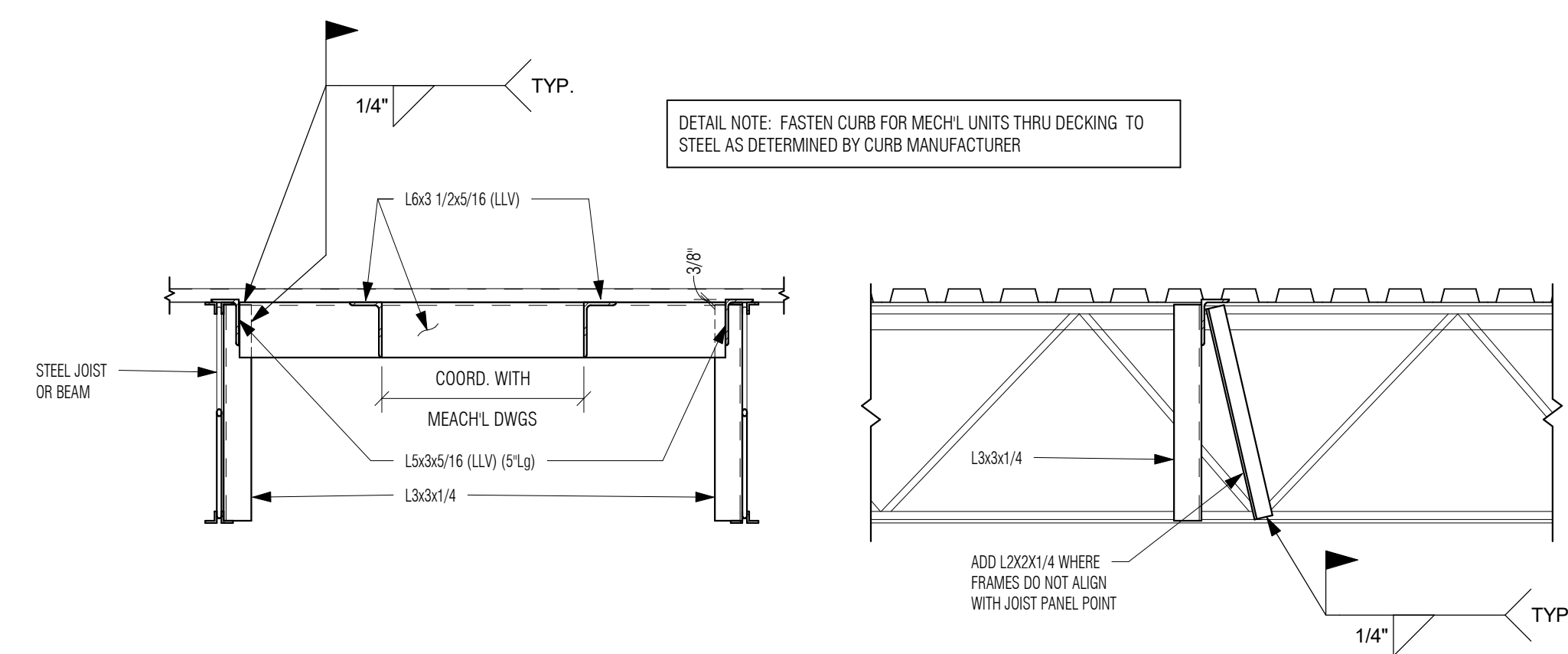
5 TYPICAL BENT PLATE AT SLAB EDGE
1 1/2" = 1'-0"



6 TYPICAL BEAM BEARING PLATE AT NEW CMU
3/4" = 1'-0"

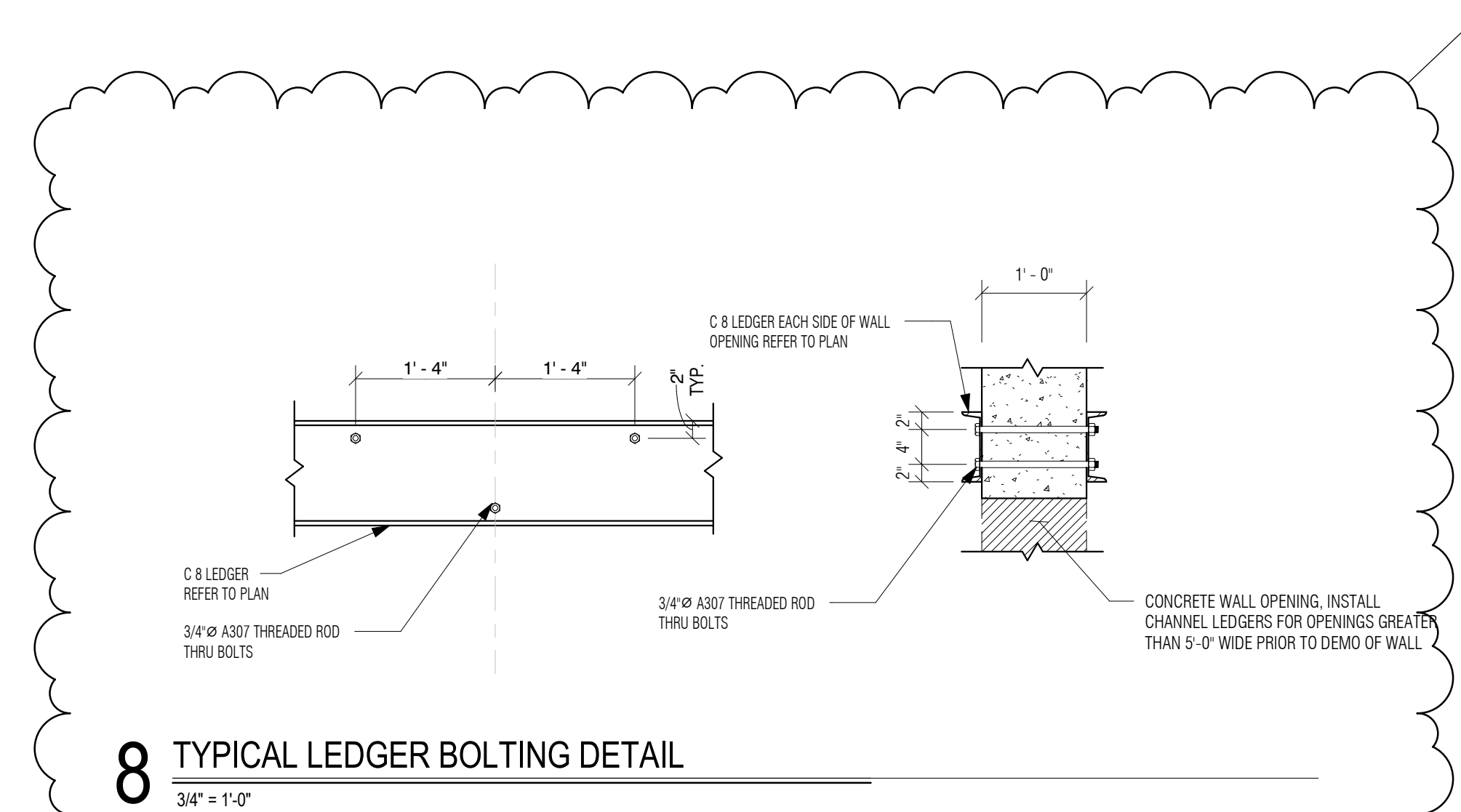
MASONRY LINTEL SCHEDULE			
MARK	CMU	OPENING WIDTH	LINTEL
	10' & 12' BLOCK	6'-1" TO 12'-0"	(2) - #6 CONT. TOP AND BOTTOM 1'-4"
	10' & 12' BLOCK	UP TO 6'-0"	(2) - #5 CONT. 8"
	8' BLOCK	UP TO 5'-0"	(2) - #5 CONT. 8"
	8' BLOCK	5'-1" TO 10'-0"	(2) - #6 CONT. TOP AND BOTTOM 1'-4"
	6' BLOCK	UP TO 6'-0"	(1) - #5 CONT. 8"
	INTERIOR #4 MASONRY	UP TO 6'-0"	L5X3 1/2X5/16 (4" MIN. BEARING)
	INTERIOR #4 MASONRY	6'-0" TO 10'-0"	L7X4X3/8 (4" MIN. BEARING)

NOTE:
1. PROVIDE LINTELS WHERE NEEDED. NOT SHOWN ON THE DRAWINGS.
2. ALL EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED.
3. COORDINATE ALL OPENINGS WITH ARCHT. & MECH. DRAWINGS.
4. GROUT ALL JAMBS SOLID PER TYPICAL CMU WALL REIN. DETAILS.
5. ALL CMU BOND BEAMS SHALL HAVE SOLID BOTTOM 1" BLOCK AS BOTTOM COURSE.



7 TYPICAL NEW ROOF OPENING DETAIL WITH JOISTS & TYPICAL JOIST REIN. DETAIL
3/4" = 1'-0"

1. TYPICAL FOR ALL OPENINGS 6'-0" x 6'-0" OR LESS. FOR LARGER OPENINGS SEE SPECIFIC DETAILS.
2. SIMILAR FRAMES FOR ROOF DRAIN OPENINGS.
3. FRAMES TO BE SHIP WELDED ASSEMBLY.
4. FOR LOCATION, SIZE AND QUANTITY REQUIRED SEE ARCHT. AND MECH. DRAWINGS.
5. FOR FRAMES ON JOISTS, PROVIDE JOIST REINFORCING AT BEARING LOCATIONS.

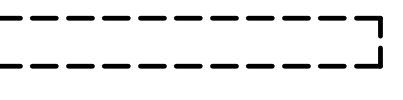


8 TYPICAL LEDGER BOLTING DETAIL
3/4" = 1'-0"

NOTE:
GRAY ZONES INDICATE HAZARDOUS MATERIALS.
REFER AND ADHERE TO ABATEMENT DRAWINGS FOR
PROPER REMOVAL AND CLEANING OF SPACE.

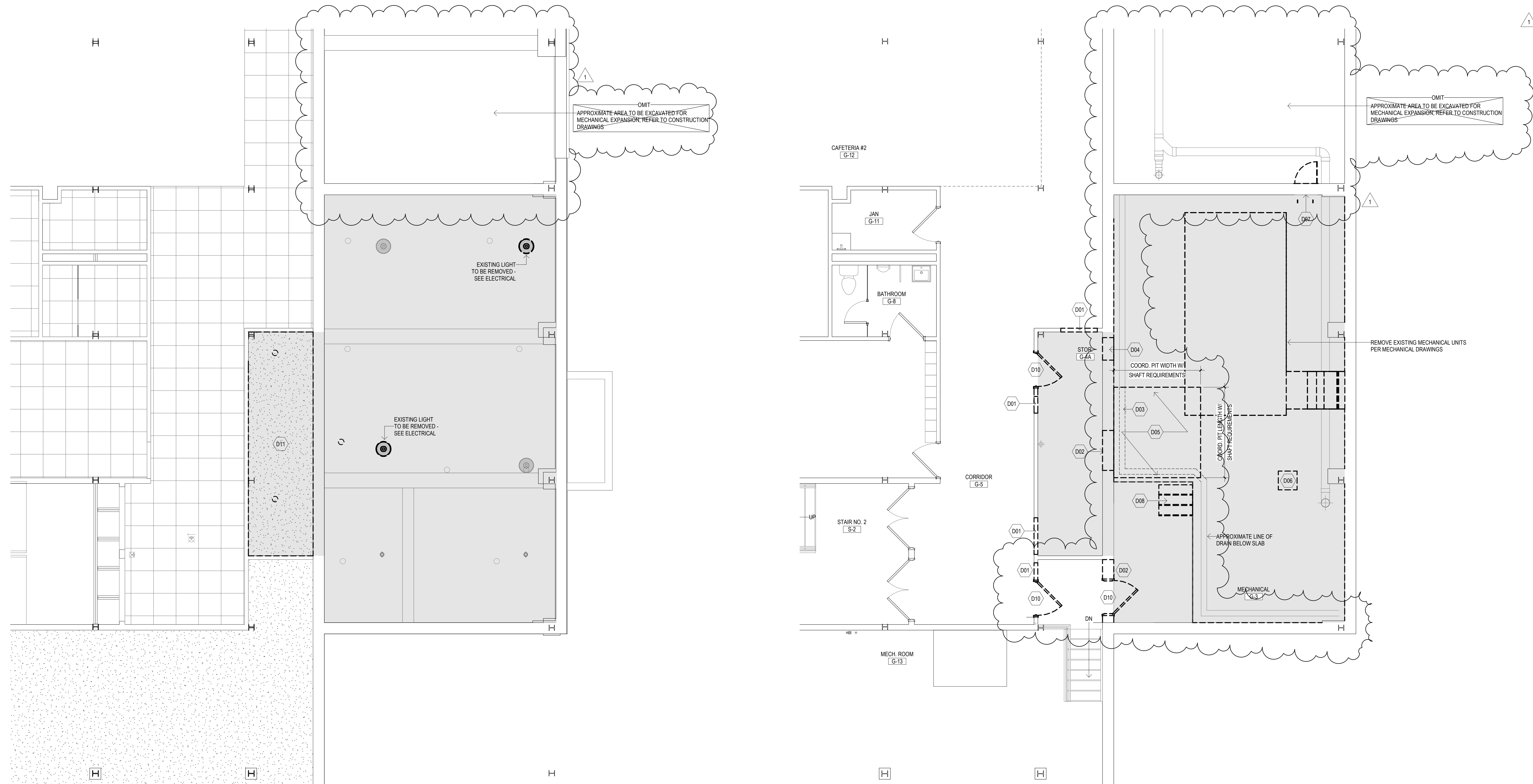
DEMOLITION GENERAL NOTES

1. READ ALL GENERAL NOTES ON DRAWING 0001.
2. PROPERLY DISPOSE OF ALL ITEMS IDENTIFIED IN DEMOLITION NOTES BELOW, UNLESS OTHERWISE NOTED AS "SALVAGE".
3. DEMOLITION TAGS WITHOUT LEADERS AND LOCATED BENEATH EXISTING ROOM NAMES SHALL APPLY IN ENTIRETY TO THE ROOM IN WHICH THEY ARE LOCATED.
4. COORDINATE ARCHITECTURAL DEMOLITION WORK WITH ALL OTHER TRADES, INCLUDING HAZARDOUS MATERIAL ABATEMENT DRAWINGS.
5. WHERE INCONSISTENCIES OCCUR, NOTIFY THE DESIGN TEAM AND ASSUME THE GREATER VALUE FOR BIDDING PURPOSES.
6. CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
7. SAW CUT AND REMOVE CONCRETE SLAB & SUB-BASE AT ALL AREAS AS NECESSARY TO ALLOW FOR NEW UNDERSLAB PIPING, CONDUIT, RADON PITS & UTILITIES. COORDINATE W/ MEPP/FF DRAWINGS.
8. PROVIDE NEW OPENINGS IN EXISTING WALLS AS NECESSARY FOR ALL NEW PENETRATIONS BY DUCT, PIPE, CONDUIT, ETC.
9. NOT ALL DEMOLITION NOTES ARE PRESENT ON EVERY DEMOLITION SHEET.
10. ITEMS IDENTIFIED WITH DASHED LINES, AS SHOWN BELOW, BUT WITHOUT TAGS SHALL BE ASSUMED AS ITEMS TO BE DEMOLISHED.

 TYPICAL DEMOLITION DESIGNATION

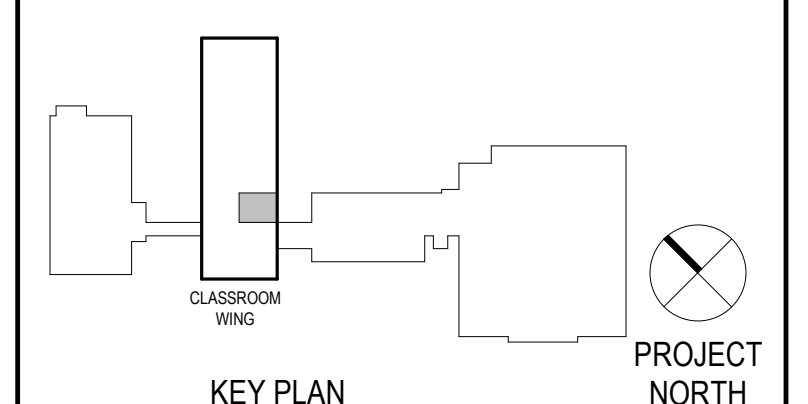
DEMOLITION NOTES

- | | |
|-----|--|
| D01 | REMOVE PORTION OF CMU WALL ASSEMBLY AND ASSOCIATED COMPONENTS FOR NEW SCHEDULED OPENING. TOOTH-OUTH AS REQUIRED. |
| D02 | SAW CUT AND REMOVE THE INDICATED PORTION OF THE EXISTING CONCRETE WALL AND ASSOCIATED REINFORCING & COMPONENTS FOR NEW SCHEDULED ELEVATOR DOOR OPENING. PROVIDE CLEAN, STRAIGHT, PLUMB EDGES AT ALL CUTS, BRACKS, AND SUPPORT ADJACENT CONSTRUCTION AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY. COORDINATE WITH STRUCTURAL DRAWINGS. |
| D03 | REMOVE EXISTING POROUS TILE DRAIN TO BE REROUTED AROUND ELEVATOR PIT. MATCH EXISTING DRAIN ELEVATION. |
| D04 | REMOVE EXISTING CONCRETE WALL TO PROVIDE NEW MAINTENANCE ACCESS HATCH. PROVIDE CLEAN, STRAIGHT, PLUMB EDGES AT ALL CUTS, ROUND / EASE INTERIOR EDGES TO PROVIDE A SMOOTHER SURFACE. SEE STRUCTURAL DRAWINGS. |
| D05 | DEMO PORTION OF FLOOR SLAB & ASSOCIATED MATERIALS AS REQUIRED TO BUILD AND INSTALL SUPPORT FOR ELEVATOR PIT. PITS, SLAB AND SHAFT WALLS. SUPPORT REMAINING PORTION OF SLAB AS REQUIRED. SEE STRUCTURAL DRAWINGS. |
| D06 | DEMO PORTION OF FLOOR SLAB & ASSOCIATED MATERIALS AS REQUIRED FOR STRUCTURAL FOOTING. COORDINATE WITH STRUCTURAL DRAWINGS. |
| D07 | REMOVE EXISTING CRAWL SPACE ACCESS HATCH, PANEL, AND LADDER AND ALL ASSOCIATED COMPONENTS. |
| D08 | REMOVE EXISTING METAL BAR GRATING STAIR AND ALL ASSOCIATED COMPONENTS. |
| D10 | REMOVE EXISTING DOOR, GLAZING IF APPLICABLE, FRAME, HARDWARE AND ALL ASSOCIATED COMPONENTS. |
| D11 | REMOVE EXISTING GYPSUM CEILING SYSTEM, PLASTER SOFFITS, ASSOCIATED FRAMING AND ALL ASSOCIATED COMPONENTS. |
| D12 | REMOVE EXISTING ACOUSTIC CEILING TILE SYSTEM AS REQUIRED TO COMPLETE DEMOLITION & CONSTRUCTION. SUPPORT EXISTING TO REMAIN AS REQUIRED AND COORDINATE WITH MEP DRAWINGS. |
| D13 | REMOVE PORTION OF EXISTING FLOOR, INCLUDING ANY FINISHES. COORDINATE REMOVAL OF CONCRETE SLAB FOR ELEVATOR SHAFT. COORDINATE WITH STRUCTURAL DRAWINGS. |
| D14 | REMOVE & SALVAGE FOR REINSTALL EXISTING EXIT RESCUE WINDOW IN CLASSROOM, INCLUDING GLAZING, FRAME, HARDWARE, FLASHINGS, ETC. |
| D15 | REMOVE EXISTING WINDOW GLAZING, INCLUDING FRAME, HARDWARE, FLASHINGS, ETC. - PREP OPENING FOR REINSTALLATION OF EXIT RESCUE WINDOW. |
| D16 | REMOVE LAB TABLES & STOOLS FROM CLASSROOMS. RETURN TO OWNER. |
| D17 | REMOVE BASE CABINET, SOLID SURFACE COUNTERTOP AND WALL CABINETS. COORDINATE REMOVAL OF MEP SYSTEMS WITHIN CASEWORK. RETURN TO OWNER. REMOVE PLUMBING FIXTURES, SUPPORT FRAMES AND ASSOCIATED HARDWARE. SEE ALSO PLUMBING DRAWINGS. |
| D18 | REMOVE METAL LOCKERS & RETURN TO OWNER. SALVAGE FOR REINSTALL. SEE CONSTRUCTION PLAN. |
| D19 | REMOVE TALL STORAGE CABINETS & SALVAGE AS REQUIRED TO BE REINSTALLED. SEE CONSTRUCTION PLAN. |
| D20 | UPON ACTIVATION OF THE NEW ELEVATOR, REMOVE EXISTING HANDICAP LIFT SYSTEM (LULA) & ALL ASSOCIATED COMPONENTS. COORDINATE WITH ELECTRICAL DEMO. |



2 BASEMENT DEMO RCP
1/4" = 1'-0"

1 LOWER LEVEL DEMOLITION PLAN
1/4" = 1'-0"



Project Title:
**ADA IMPROVEMENTS / ELEVATOR AT:
WESTERN MIDDLE SCHOOL**
1 WESTERN JR HIGHWAY
GREENWICH CT 06830



SILVER PETRUCCI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucci.com

Revision	Description	Date	Revised By
1	ADDENDUM #3	03/09/26	M. JAEKLE

Drawing Title:
DEMOLITION PLANS - LOWER LEVEL

Project Submission:
ISSUED FOR BID

State Project Number:

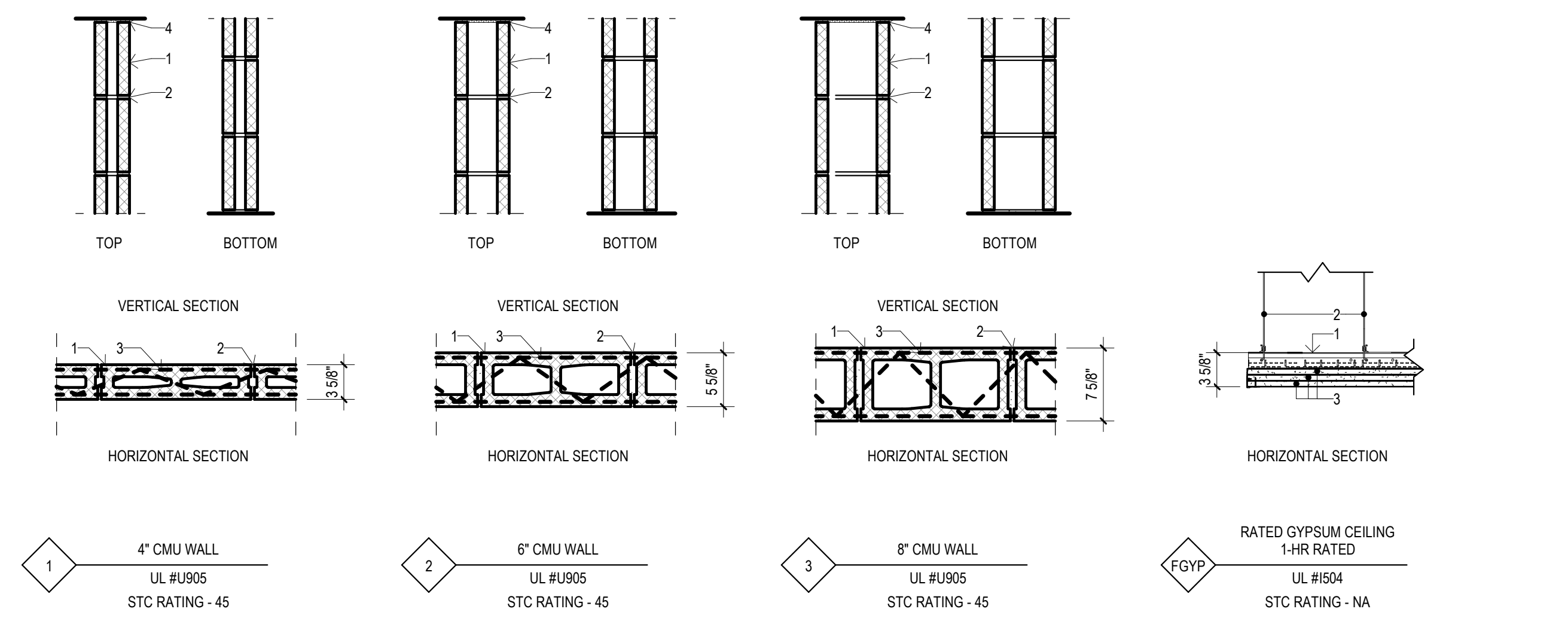
Date:
01/30/2026

Scale:
As Indicated

Drawn By:
M. JAEKLE

Project Number:
23.097

Drawing Number:
A010

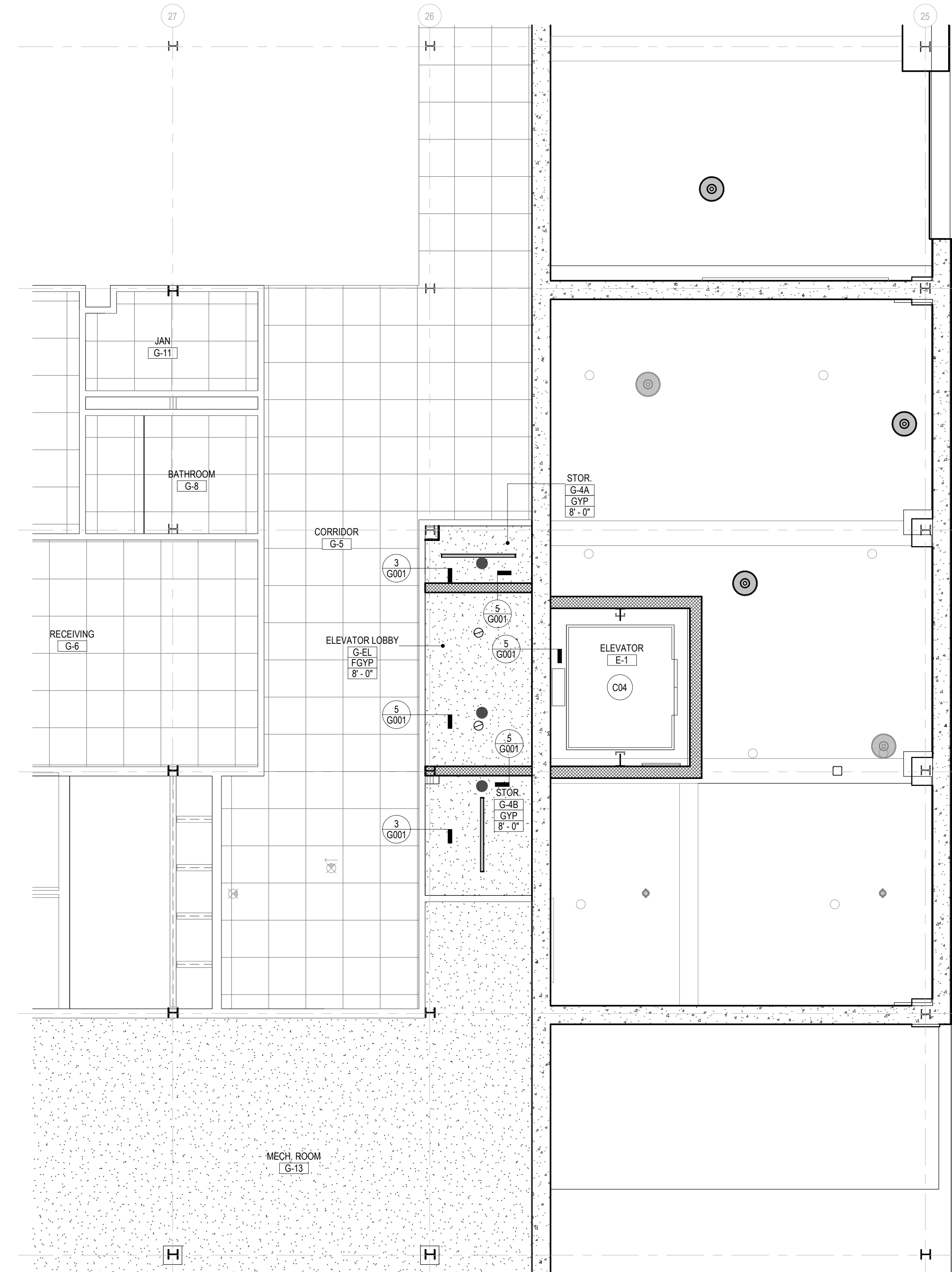


PARTITION TYPES

1" = 1'-0"

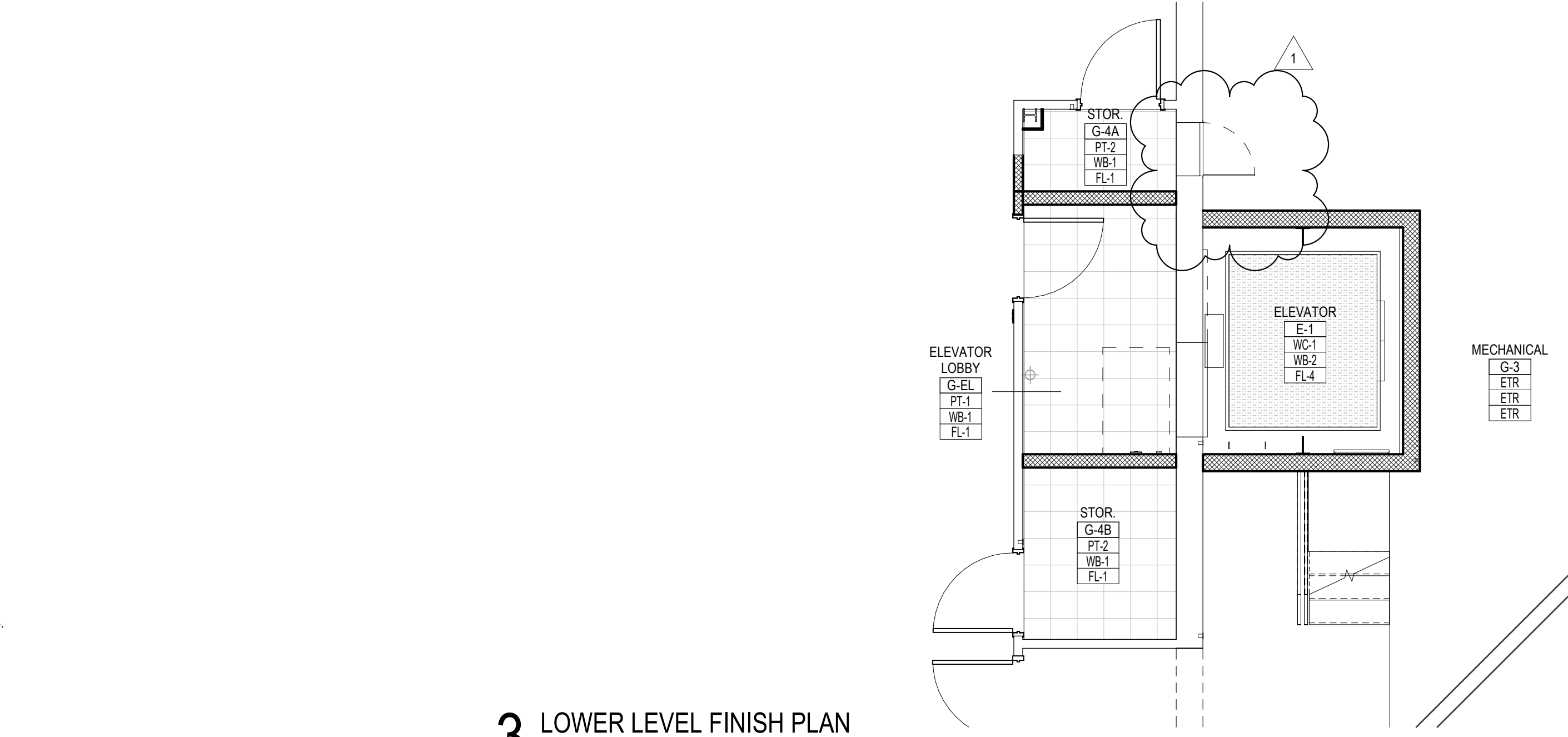
- 1. CONCRETE BLOCK CLASSIFICATION D-2
- 2. MORTAR 3/8" THICK FULL BED
- 3. HORIZONTAL REINFORCING @ 16" O.C. VERT.
- 4. FIRE SAFING

- 1. SUSPENDED DRYWALL GRID SYSTEM W MAIN BEAMS @ 48" O.C.
- 2. HANGERS @ 2'-0" O.C. (MAIN SECURED TO STRUCTURE ABOVE)
- 3. 5/8" TYPE "X" GYPSUM WALL BOARD, PAINTED
- 4. FIRE SAFING



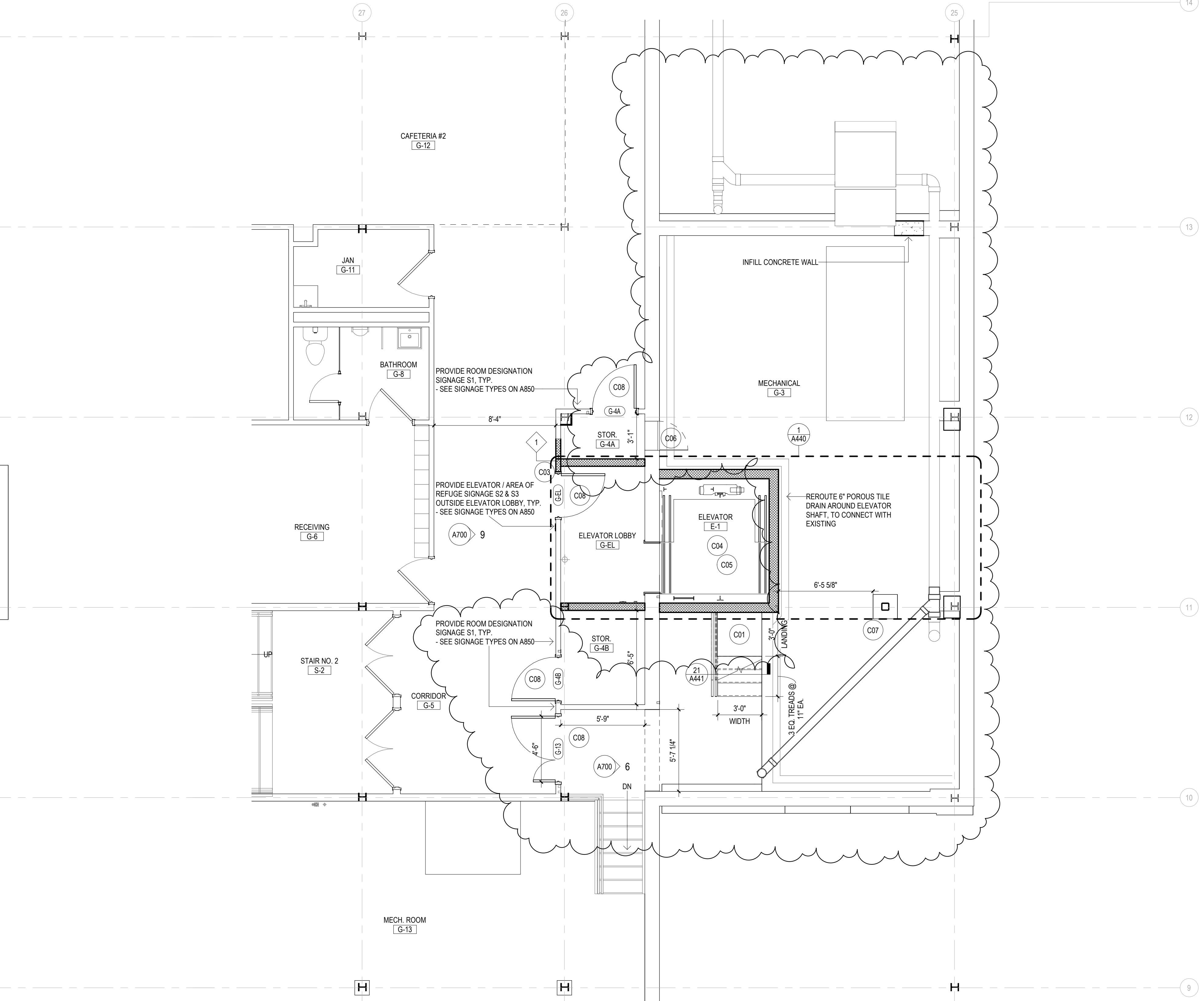
2 LOWER LEVEL RCP

1/4" = 1'-0"



3 LOWER LEVEL FINISH PLAN

1/4" = 1'-0"



1 LOWER LEVEL PLAN

1/4" = 1'-0"

SYMBOL LEGEND

- NEW METAL STUD PARTITIONS
- NEW MASONRY WALL
- NEW CMU WALL
- EXISTING WALL
- (E 101 A) - DOOR NUMBER
- XX - WINDOW TYPE
- ROOM NAME - ROOM NAME
- ### - ROOM NUMBER
- 1A - PARTITION TYPE
- Cxx - CONSTRUCTION NOTE
- 2 - EXTERIOR ELEVATION NUMBER
- A101 - SHEET NUMBER
- 2 - INTERIOR ELEVATION NUMBER
- A101 - SHEET NUMBER
- A400 - BUILDING SECTION NUMBER
- 1 - SHEET NUMBER
- 1 - WALL SECTION NUMBER
- A400 - SHEET NUMBER

- GENERAL NOTES**
1. READ ALL GENERAL NOTES ON DRAWING G001.
 2. INTERIOR PARTITION DIMENSIONS ARE FROM OUTSIDE FACE OF G.W.B., MASONRY, OR CONCRETE.
 3. CONTRACTORS SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
 4. PATCH TO MATCH ALL EXISTING WALLS AND CEILING TO REMAIN AFFECTED BY NEW WORK.
 5. ALL NEW WALL AND PARTITION ASSEMBLIES SHALL EXTEND TO UNDERSIDE OF DECK UNLESS OTHERWISE NOTED.
 6. PROVIDE CMU WITH PRE-MANUFACTURED BULDOGE AT ALL EXPOSED CORNERS.
 7. WHERE THE WORD "ALIGN" IS INDICATED IT SHALL MEAN TO ALIGN BOTH SIDES OF WALL.

RCP SYMBOL LEGEND

ROOM CEILING TAG

ROOM NUMBER → 101 → ROOM NAME OFFICE

ACT-1 → CEILING FINISH REFER TO PROJECT MANUAL SCHEDULE OF FINISHES

CEILING HEIGHT → 9'-0" → CEILING FINISH REFER TO PROJECT MANUAL SCHEDULE OF FINISHES

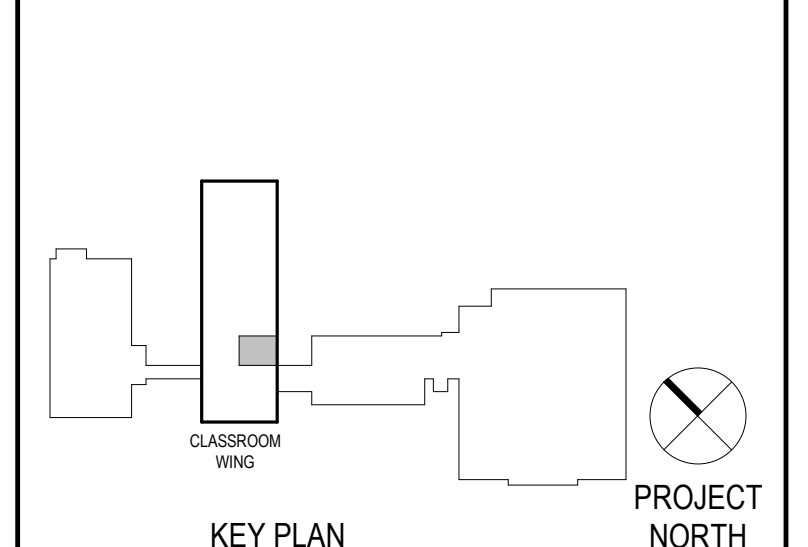
SECONDARY CEILING TAG

ACT-1 → CEILING FINISH REFER TO PROJECT MANUAL SCHEDULE OF FINISHES

CEILING HEIGHT → 9'-0" → CEILING FINISH REFER TO PROJECT MANUAL SCHEDULE OF FINISHES

- ACOUSTICAL CEILING TILES & GRID W SUPPORTS
- PAINTED GYPSUM BOARD CEILING
- EXIT SIGN, REFER TO ELECTRICAL DRAWINGS
- RECESSED LIGHT FIXTURES, REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- PENDENT STYLE LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- SUPPLY DIFFUSER, REFER TO MECHANICAL DRAWINGS
- RETURN DIFFUSER, REFER TO MECHANICAL DRAWINGS
- CONCEALED SPRINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS
- EXPOSED SPRINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS
- SIM - PLAN SECTION/DETAIL NUMBER
- A101 - SHEET NUMBER

- CONSTRUCTION NOTES**
- C01 PROVIDE NEW METAL STAIR WITH LANDING, FOR MORE INFORMATION SEE PROJECT MANUAL.
 - C03 INFILL EXISTING OPENINGS WHERE DOORS WERE REMOVED. SAW-CUT AS REQUIRED TO TOOTH-IN NEW INFILL.
 - C04 PROVIDE NEW ELEVATOR SHAFT - SEE ENLARGED PLANS FOR INFORMATION.
 - C05 PROVIDE NEW ELEVATOR SYSTEM & ASSOCIATED COMPONENTS, REFER TO PROJECT MANUAL FOR MORE INFORMATION.
 - C06 INSTALL NEW 2'-0" X 2'-0" MAINTENANCE ACCESS HATCH TO MECHANICAL AREA.
 - C07 PROVIDE NEW COLUMN AND ASSOCIATED FOOTINGS AND COMPONENTS, COORDINATE WITH STRUCTURAL DRAWINGS.
 - C08 PROVIDE NEW HOLLOW METAL FRAMES, WOOD DOORS, HARDWARE & ASSOCIATED COMPONENTS. TOOTH-IN NEW CMUS AS REQUIRED. SEE DOOR SCHEDULE AND DETAILS FOR MORE INFORMATION.
 - C10 INSTALL NEW BASE AND UPPER CABINETS AND COUNT, SEE ELEVATIONS AND DETAILS.
 - C11 INSTALL NEW SINK, COORDINATE WITH PLUMBING DRAWINGS.
 - C13 INSTALL NEW EYE WASH STATION, COORDINATE WITH PLUMBING DRAWINGS.
 - C15 INSTALL RELOCATED TALL STORAGE CABINETS & SHELVES.



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1	ADDENDUM #3	03/09/26	M. JAEKLE

Drawing Title:
FLOOR PLANS - LOWER LEVEL

Date:
 01/30/2026

Scale:
 As Indicated

Project Submission:
ISSUED FOR BID

Project Number:
 23.097

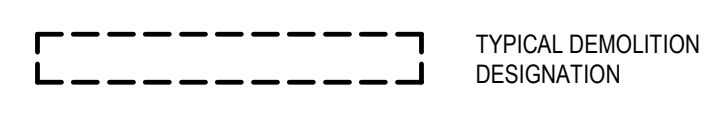
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Drawn By:
 M. JAEKLE

Project Number:
 23.097

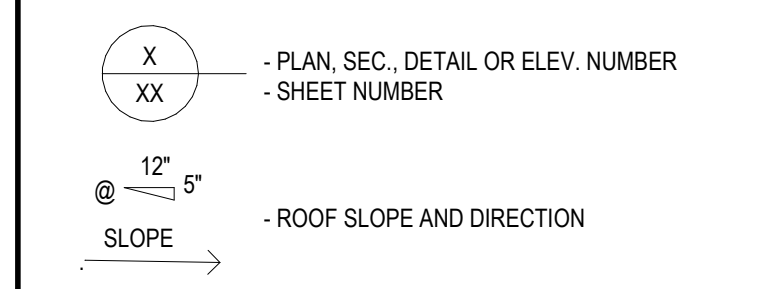
DEMOLITION GENERAL NOTES

1. READ ALL GENERAL NOTES ON DRAWING 0001.
2. PROPERLY DISPOSE OF ALL ITEMS IDENTIFIED IN DEMOLITION NOTES BELOW, UNLESS OTHERWISE NOTED AS "SALVAGE".
3. DEMOLITION TAGS WITHOUT LEADERS AND LOCATED BENEATH EXISTING ROOM NAMES SHALL APPLY IN ENTIRETY TO THE ROOM IN WHICH THEY ARE LOCATED.
4. COORDINATE ARCHITECTURAL DEMOLITION WORK WITH ALL OTHER TRADES, INCLUDING HAZARDOUS MATERIAL ABATEMENT DRAWINGS.
5. WHERE INCONSISTENCIES OCCUR, NOTIFY THE DESIGN TEAM AND ASSUME THE GREATER VALUE FOR BIDDING PURPOSES.
6. CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
7. SAW CUT AND REMOVE CONCRETE SLAB & SUB-BASE AT ALL AREAS AS NECESSARY TO ALLOW FOR NEW UNDERSLAB PIPING, CONDUIT, RADON PITS & UTILITIES.
8. COORDINATE W/ ME/P/FF DRAWINGS PROVIDE NEW OPENINGS IN EXISTING WALLS AS NECESSARY FOR ALL NEW PENETRATIONS BY DUCT, PIPE, CONDUIT, ETC.
9. NOT ALL DEMOLITION NOTES ARE PRESENT ON EVERY DEMOLITION SHEET.
10. ITEMS IDENTIFIED WITH DASHED LINES, AS SHOWN BELOW, BUT WITHOUT TAGS SHALL BE ASSUMED AS ITEMS TO BE DEMOLISHED.



- D01.** REMOVE ALL PORTIONS OF MODIFIED BIT ROOF ASSEMBLY AFFECTED BY ELEVATOR SHAFT CONSTRUCTION DOWN TO THE DECK. VERIFY LOCATION IN FIELD. VERIFY ROOF COMPOSITION IN FIELD. ROOF IS ASSUMED TO BE COMPOSED OF:
- PERLITE CONCRETE SLAB
 - 20 YEAR MODIFIED BIT ROOF (FROM 1960S)
 - RIGID INSULATION
 - COVER BOARD
 - MOD. BIT ROOFING (FROM 2006 RENOVATION)

ROOF LEGEND



ROOF DEMO/CONSTRUCTION NOTES

1. FIELD VERIFY ALL DIMENSIONS @ EACH ROOF PRIOR TO BID.
2. ALL MATERIALS ARE NEW UNLESS OTHERWISE NOTED "EXISTING".
3. ALL WOOD BLOCKING (P.T.), PLYWOOD & NAILERS ARE TO BE PRESSURE TREATED (P.T.).
4. ALL WOOD BLOCKING (P.T.) INDICATED IN DETAILS ARE TO BE ANCHORED TO THE EXISTING STRUCTURE.
5. CONTRACTOR TO INSPECT THE UNDERSIDE OF ALL ROOFS PRIOR TO ROOFING OPERATIONS TO INSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE DAMAGED.
6. CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING PROJECT & WILL REPLACE ANY & ALL DAMAGED EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
7. SITE AREAS DISTURBED SHALL BE CLEANED & RE-LEVELLED. W/ LAIN AREAS MAGNETICALLY RAKED TO REMOVE ANY METAL DEBRIS & RE-SEED AS REQUIRED TO MATCH ADJACENT CONDITIONS.
8. ALL ANTENNAS, CONDUITS & ANY OTHER OBJECTS TO REMAIN AFFECTED BY THE SCOPE OF WORK TO BE TEMPORARILY REMOVED & REINSTALLED.
9. CONTRACTOR TO FIELD VERIFY ALL EXISTING ROOF SLOPES IN FIELD.
10. CONTRACTOR IS TO MAKE ROOF WATER TIGHT AT THE END OF EACH WORK DAY, INCLUDING ALL ROOF PENETRATIONS.

CODE INFORMATION (2021 IBC)

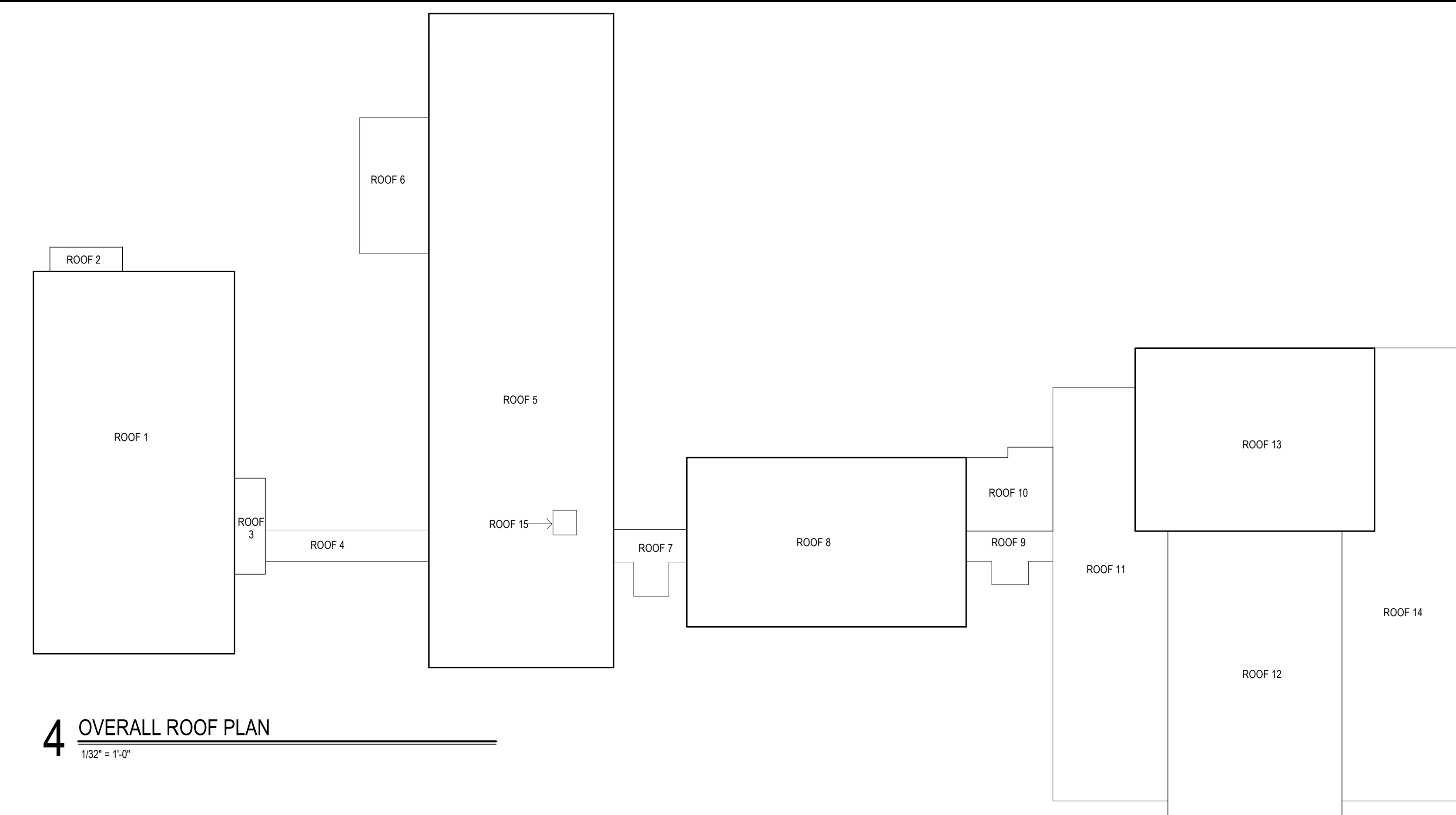
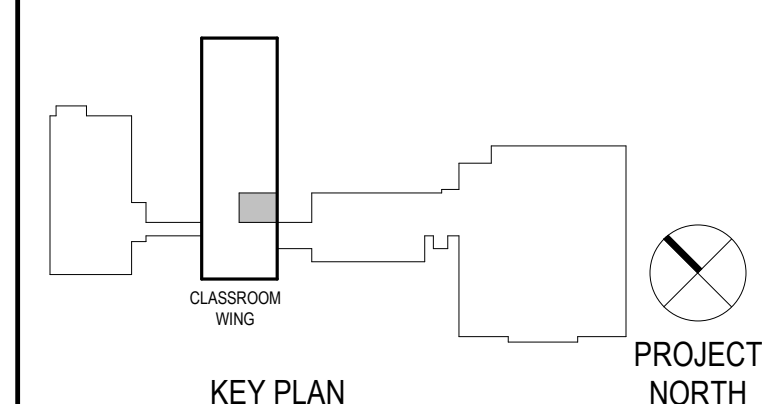
PRIMARY USE GROUP: E
CONSTRUCTION CLASS: IIB

ENERGY CONSERVATION

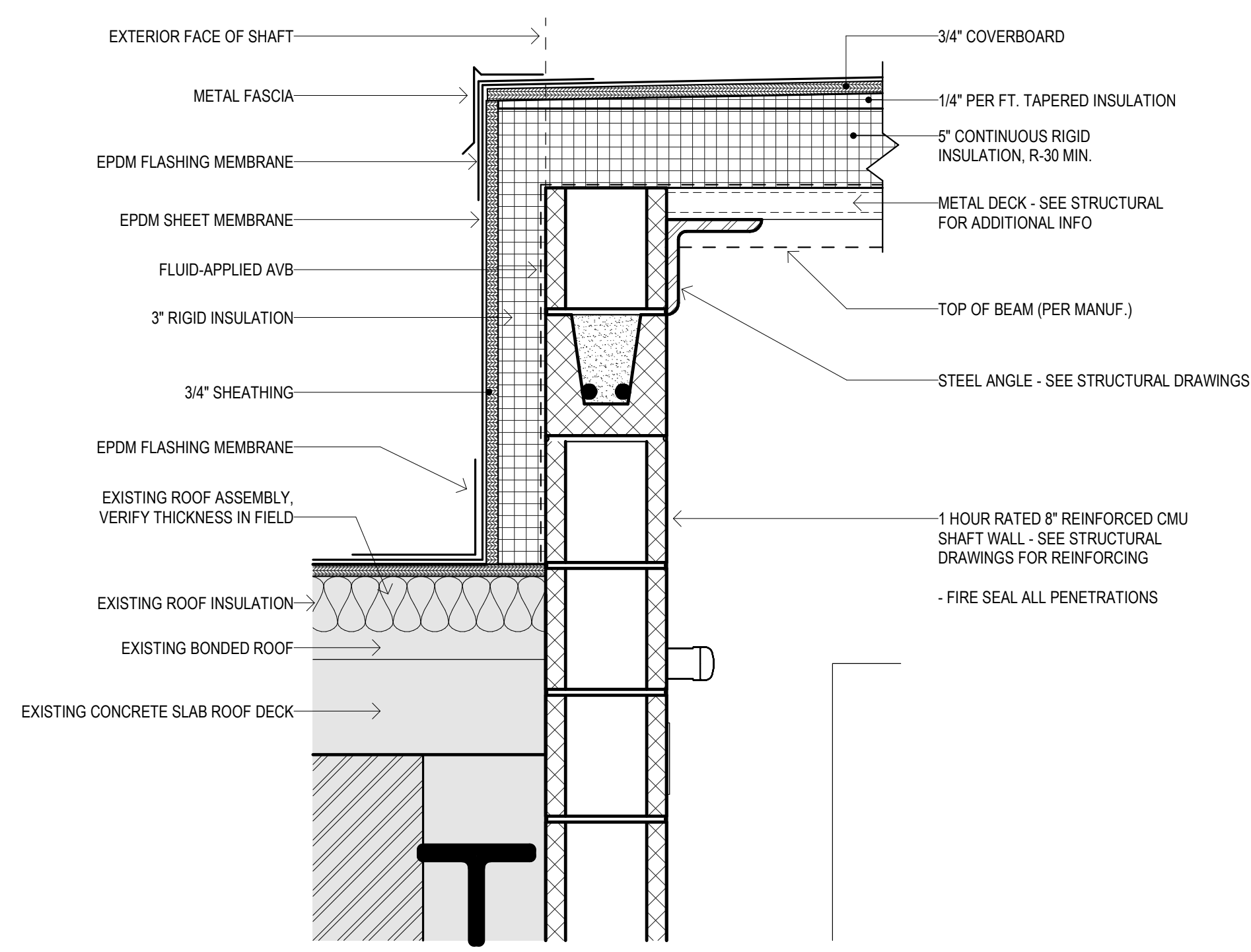
IBC CODE REQUIREMENT - R-30 MIN. CONTINUOUS ACROSS ROOF

ROOF AREAS

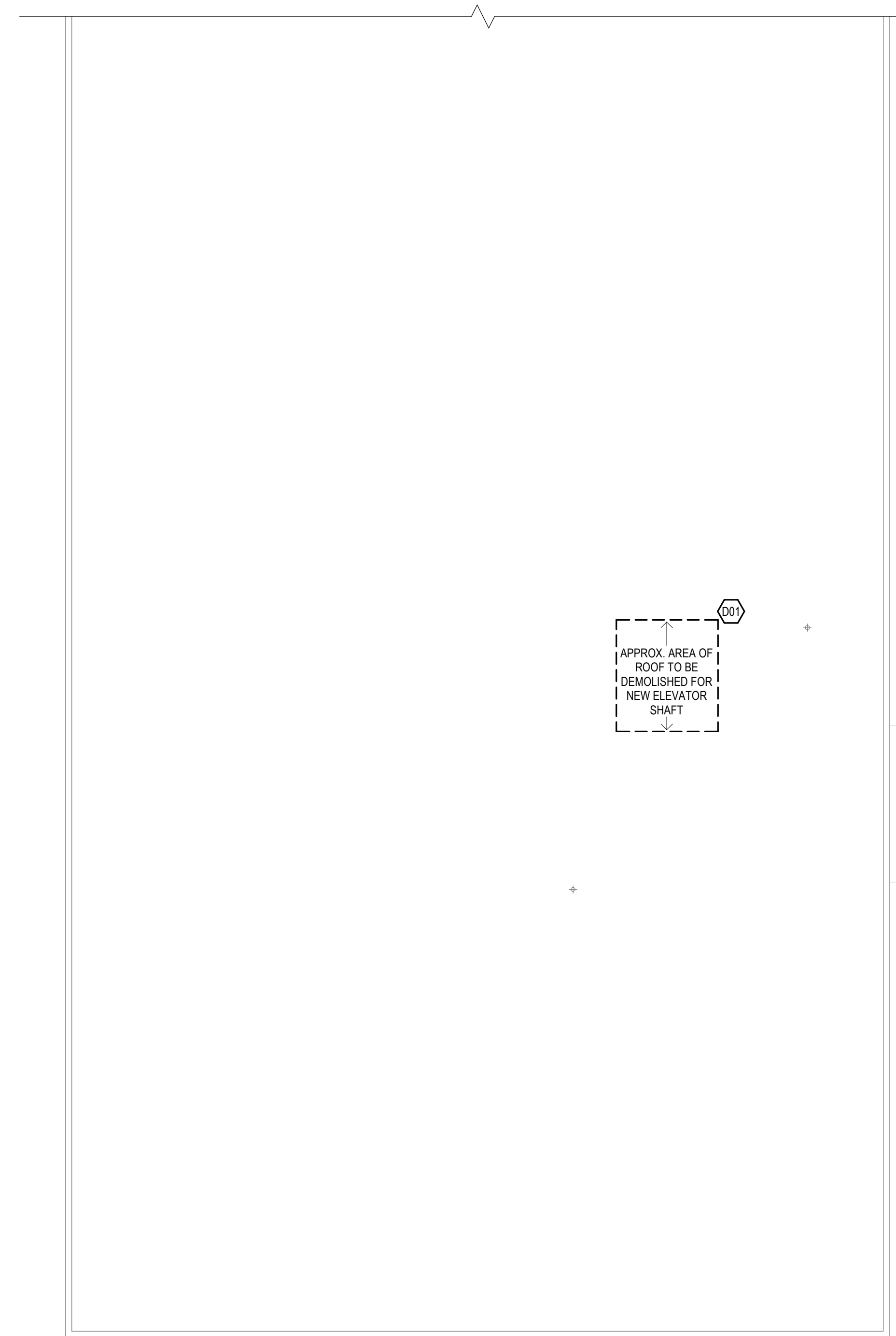
ROOF "A"	15,630 SF +/-
ROOF "B"	94 SF +/-
ROOF "C"	



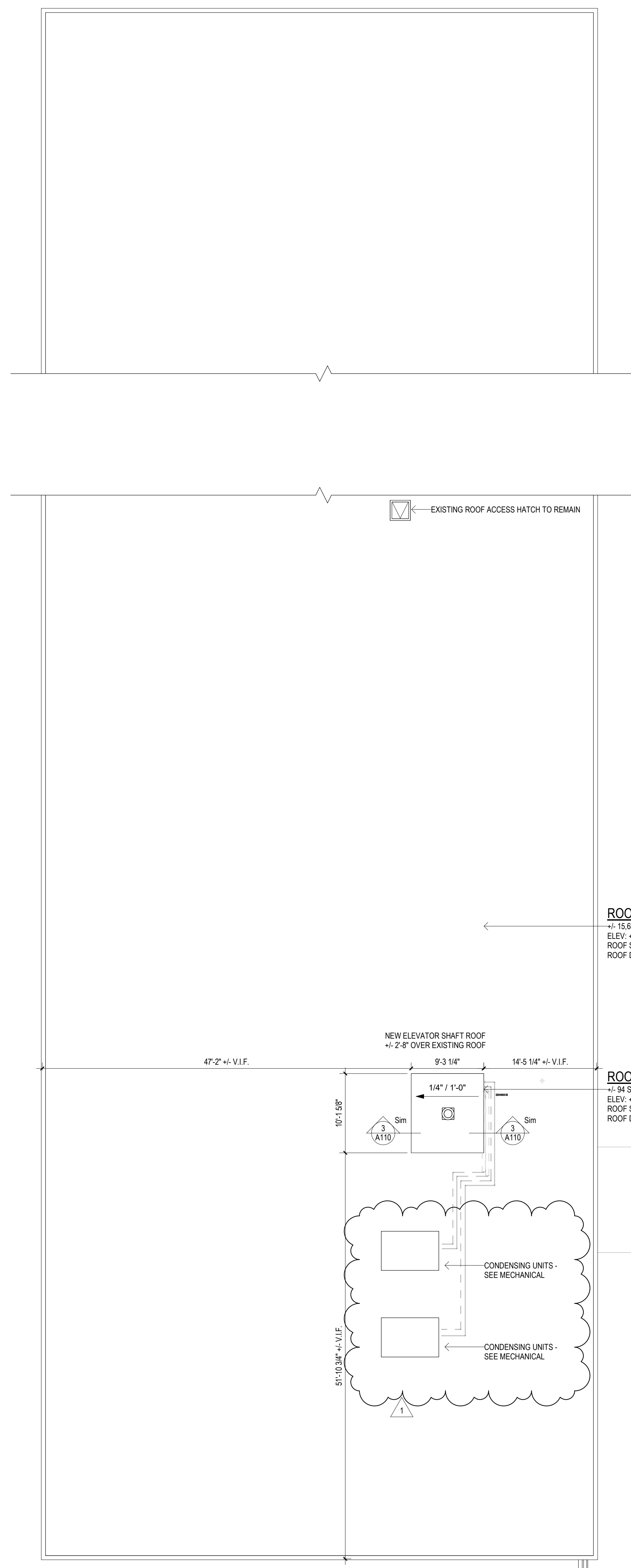
4 OVERALL ROOF PLAN
1/32" = 1'-0"



3 ROOF PENETRATION DETAIL
1 1/2" = 1'-0"



2 ROOF DEMOLITION PLAN
1/8" = 1'-0"



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

Project Title:
**ADA IMPROVEMENTS / ELEVATOR AT:
WESTERN MIDDLE SCHOOL**
1 WESTERN JR HIGHWAY
GREENWICH CT 06830

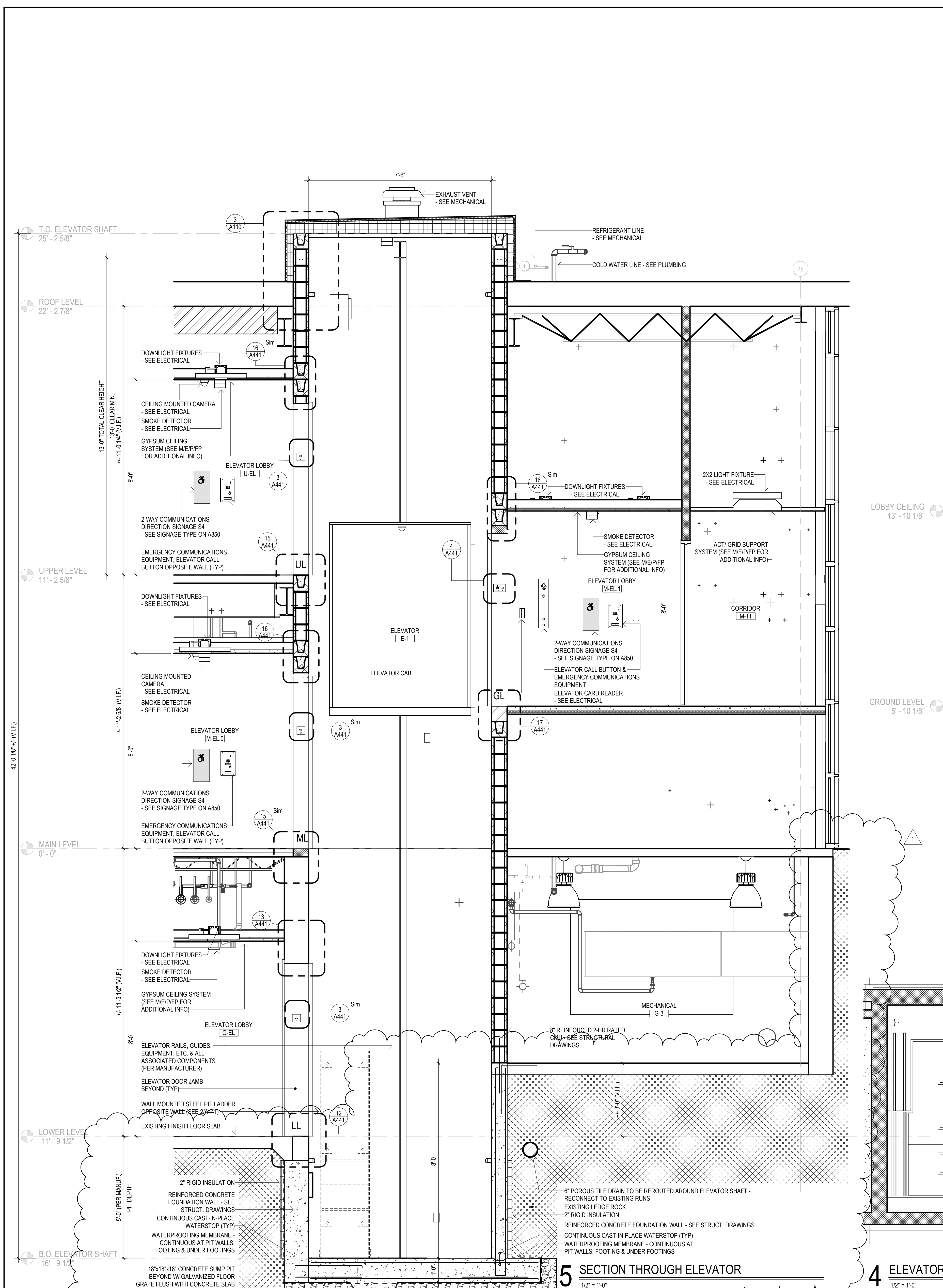
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision	Description	Date	Revised By
1	ADDENDUM #3	03/09/26	M. JAEKLE

Drawing Title:
ROOF PLAN + DETAILS
Project Submission:
ISSUED FOR BID
State Project Number:

Date:
01/30/2026
Scale:
As Indicated
Drawn By:
M. JAEKLE
Project Number:
23.097

Drawing Number:
A110



Project Title:
**ADA IMPROVEMENTS / ELEVATOR AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

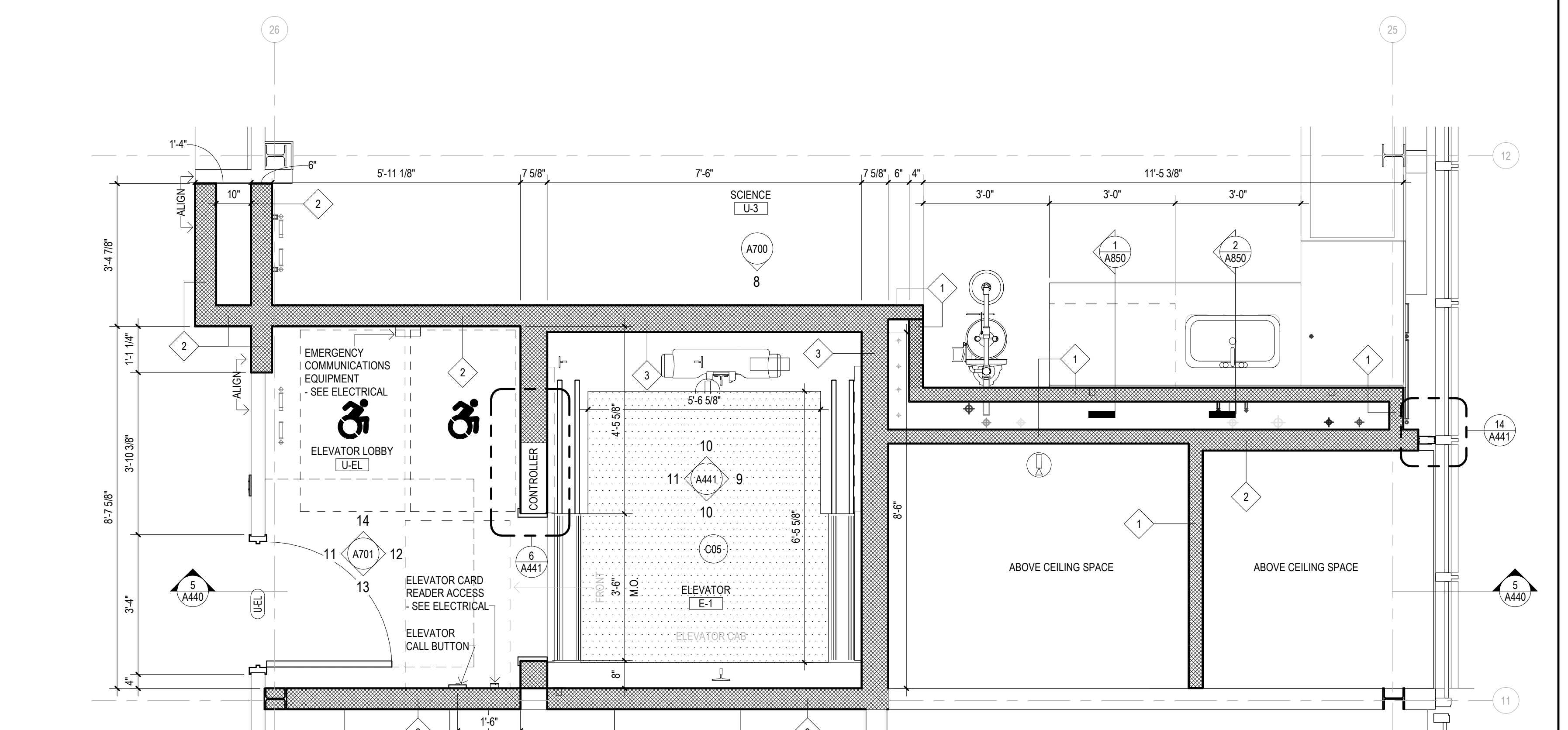
SILVER PETRUCELLI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
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Revision	Description	Date	Revised By
1	ADDENDUM #3	03/09/26	M. JAEKLE

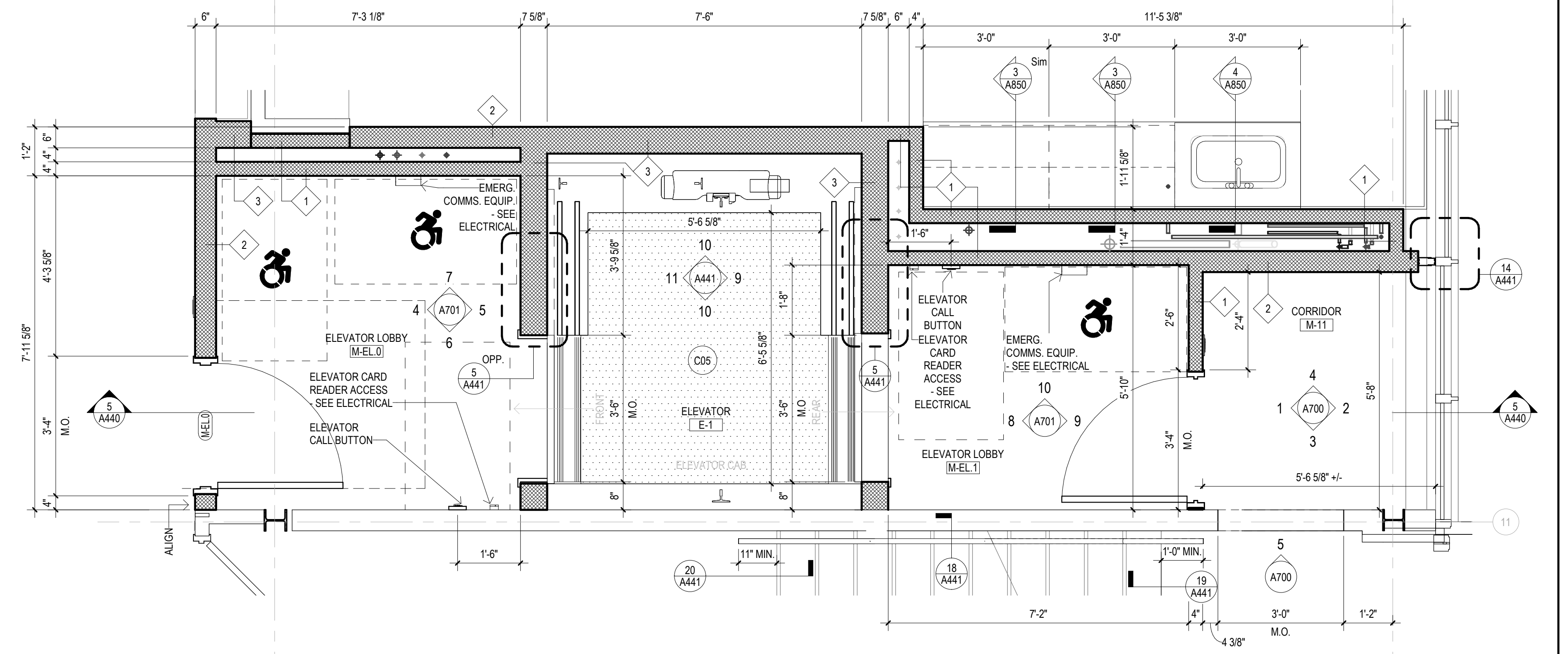
Drawing Title:
**ENLARGED ELEVATOR PLANS &
 SECTIONS**
 Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 1/2" = 1'-0"
 Drawn By:
 M. JAEKLE
 Project Number:
 23.097

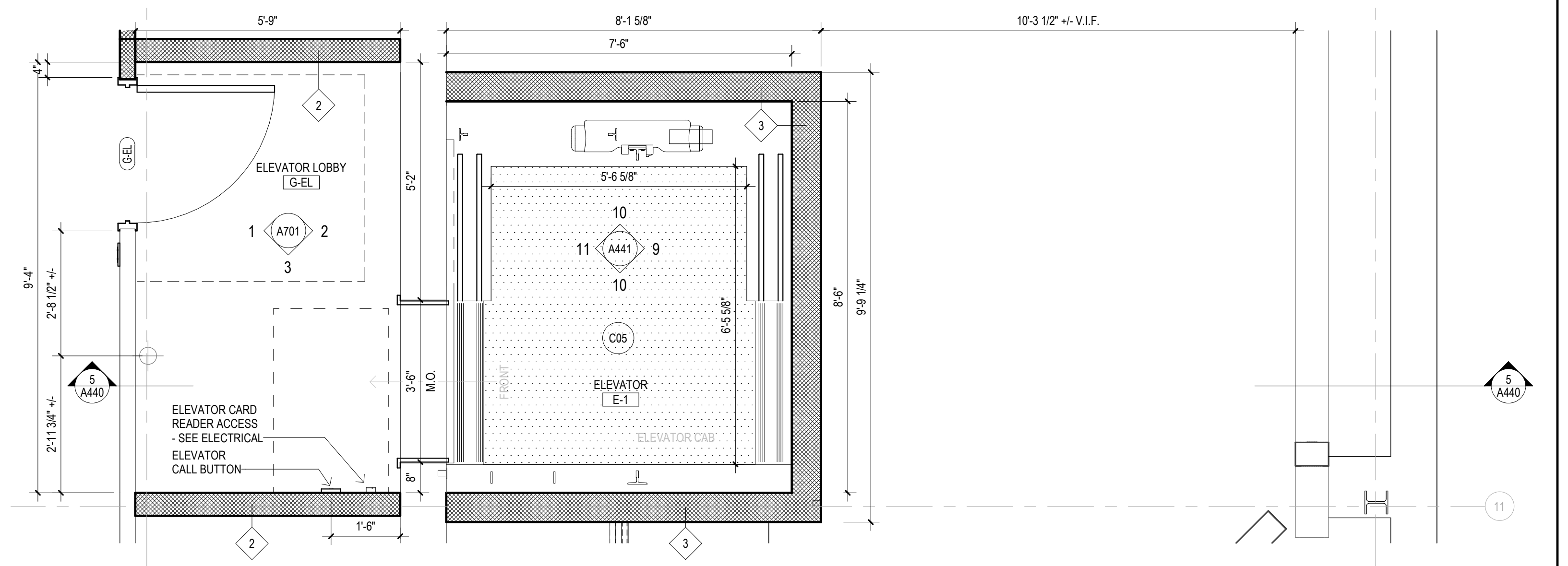
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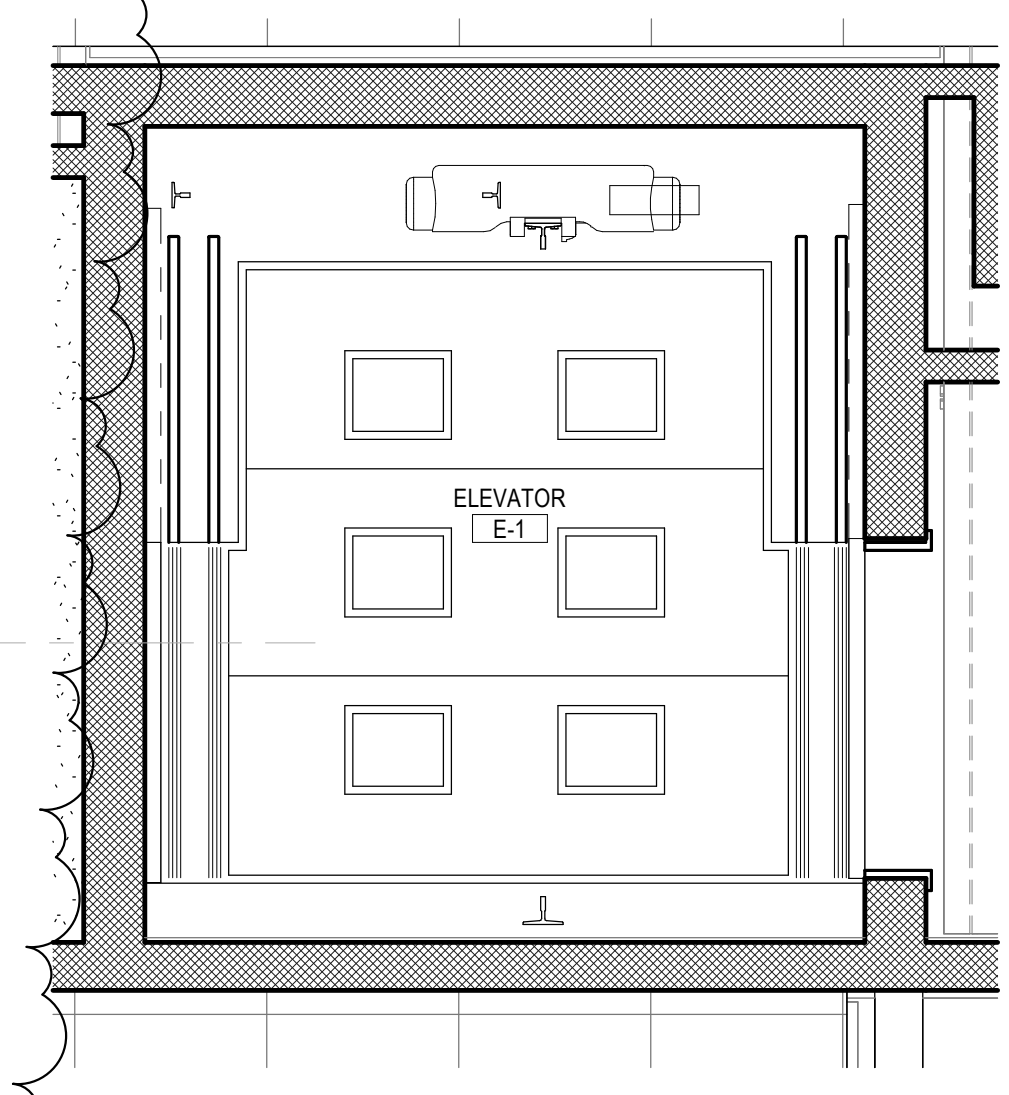
3 ENLARGED ELEVATOR - UPPER LEVEL
 1/2" = 1'-0"



2 ENLARGED ELEVATOR - MAIN LEVEL & GROUND LEVEL
 1/2" = 1'-0"



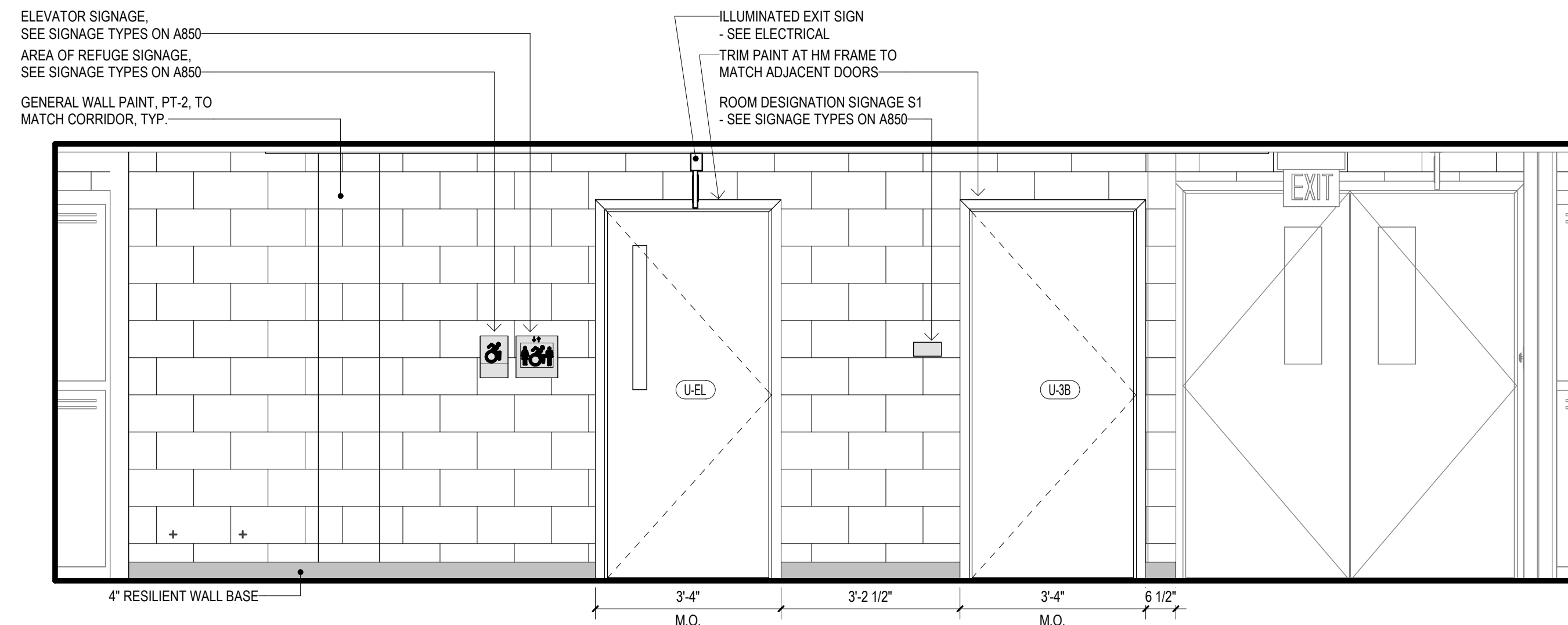
1 ENLARGED ELEVATOR - LOWER LEVEL
 1/2" = 1'-0"



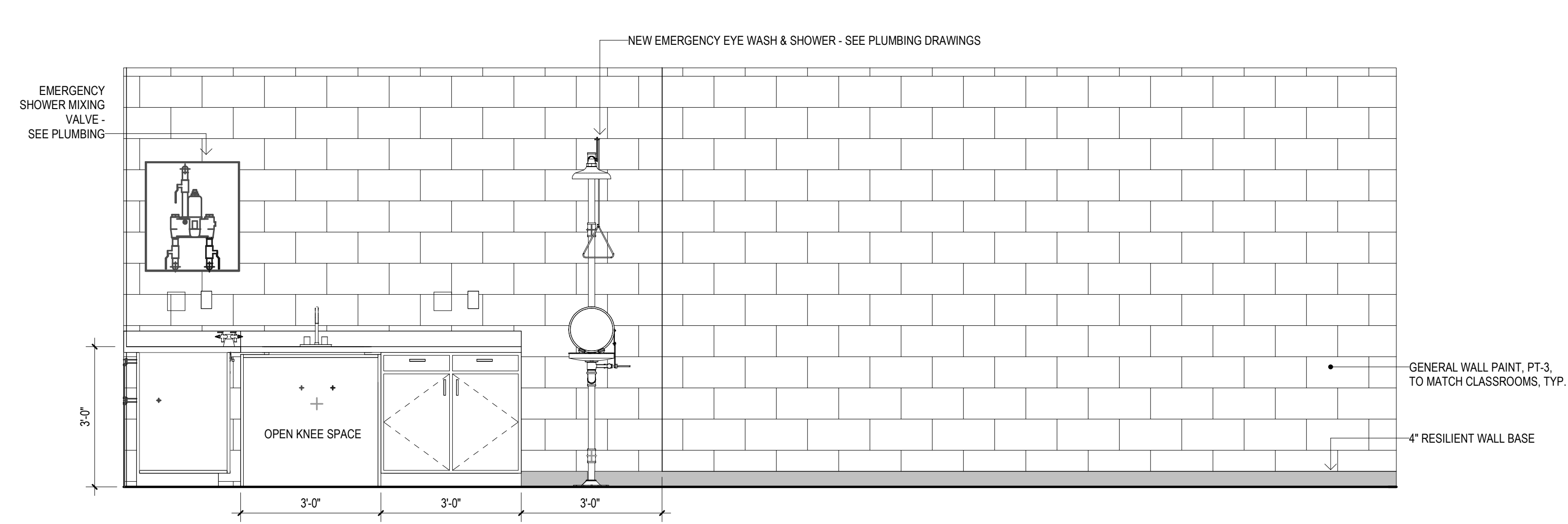
4 ELEVATOR RCP, TYP.
 1/2" = 1'-0"



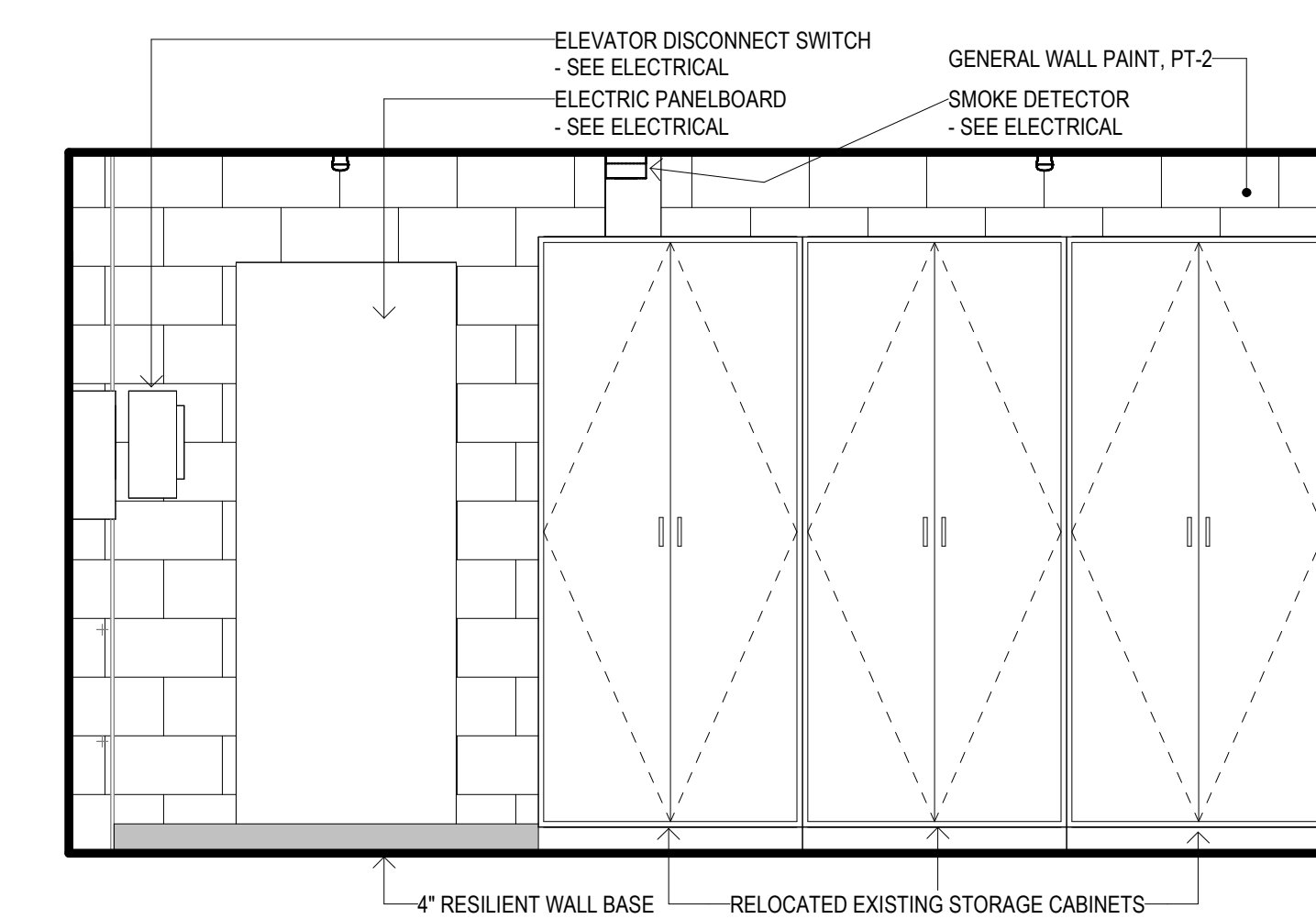
5 SECTION THROUGH ELEVATOR
 1/2" = 1'-0"



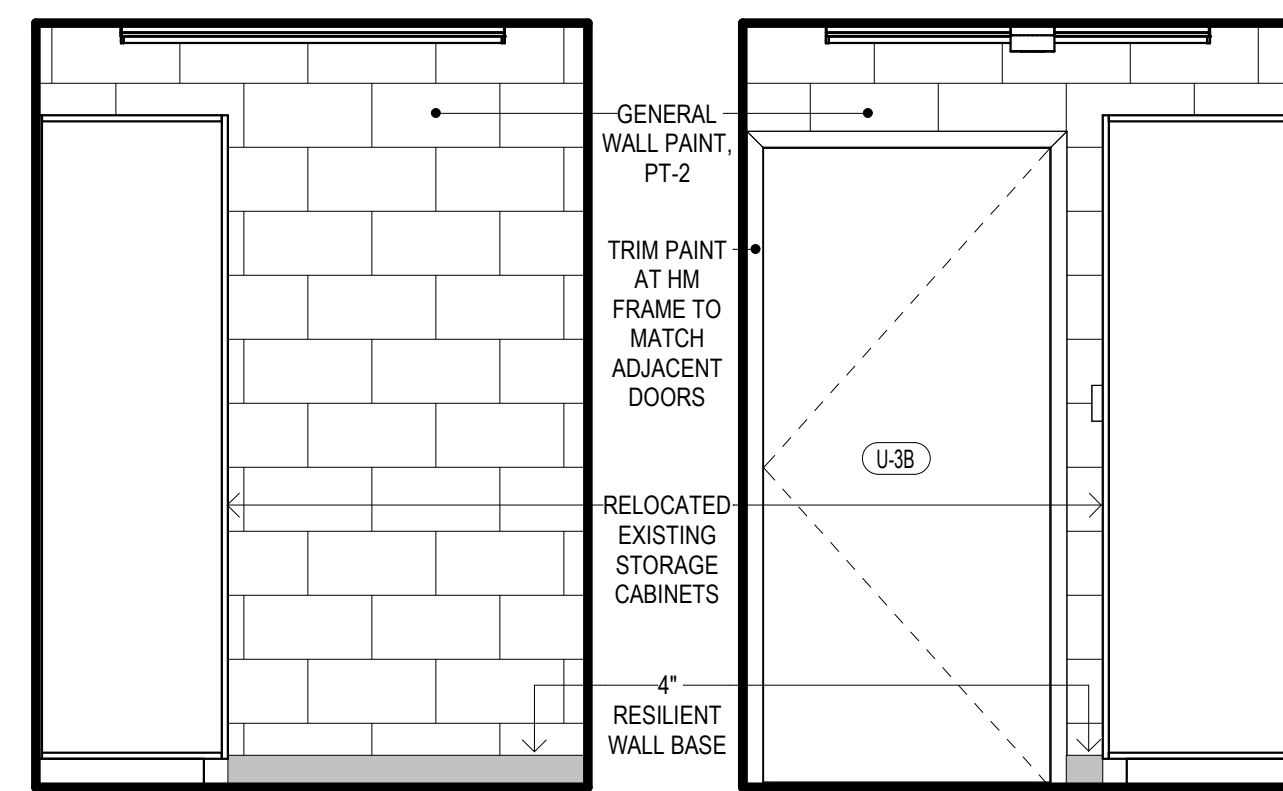
14 CORRIDOR U-17 - EAST
1/2" = 1'-0"



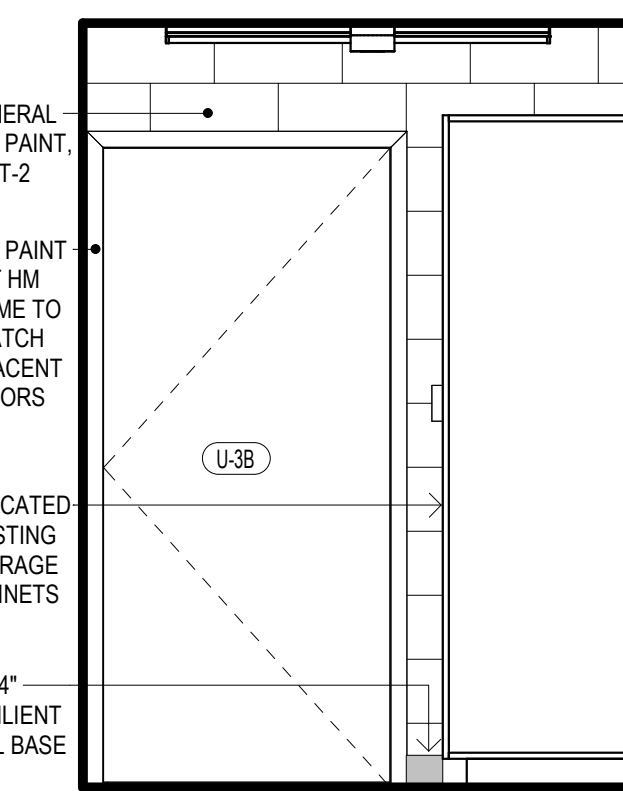
8 SCIENCE U-3 - SOUTH
1/2" = 1'-0"



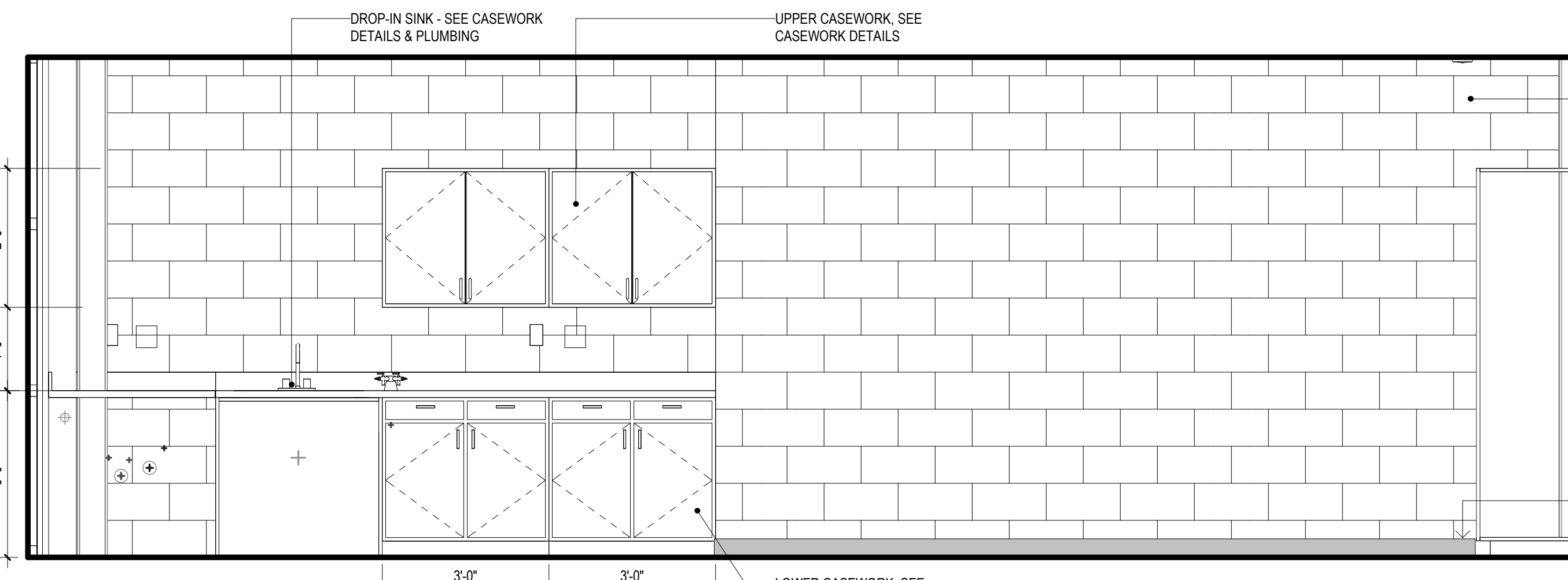
13 SUPPLY U-3B - NORTH
1/2" = 1'-0"



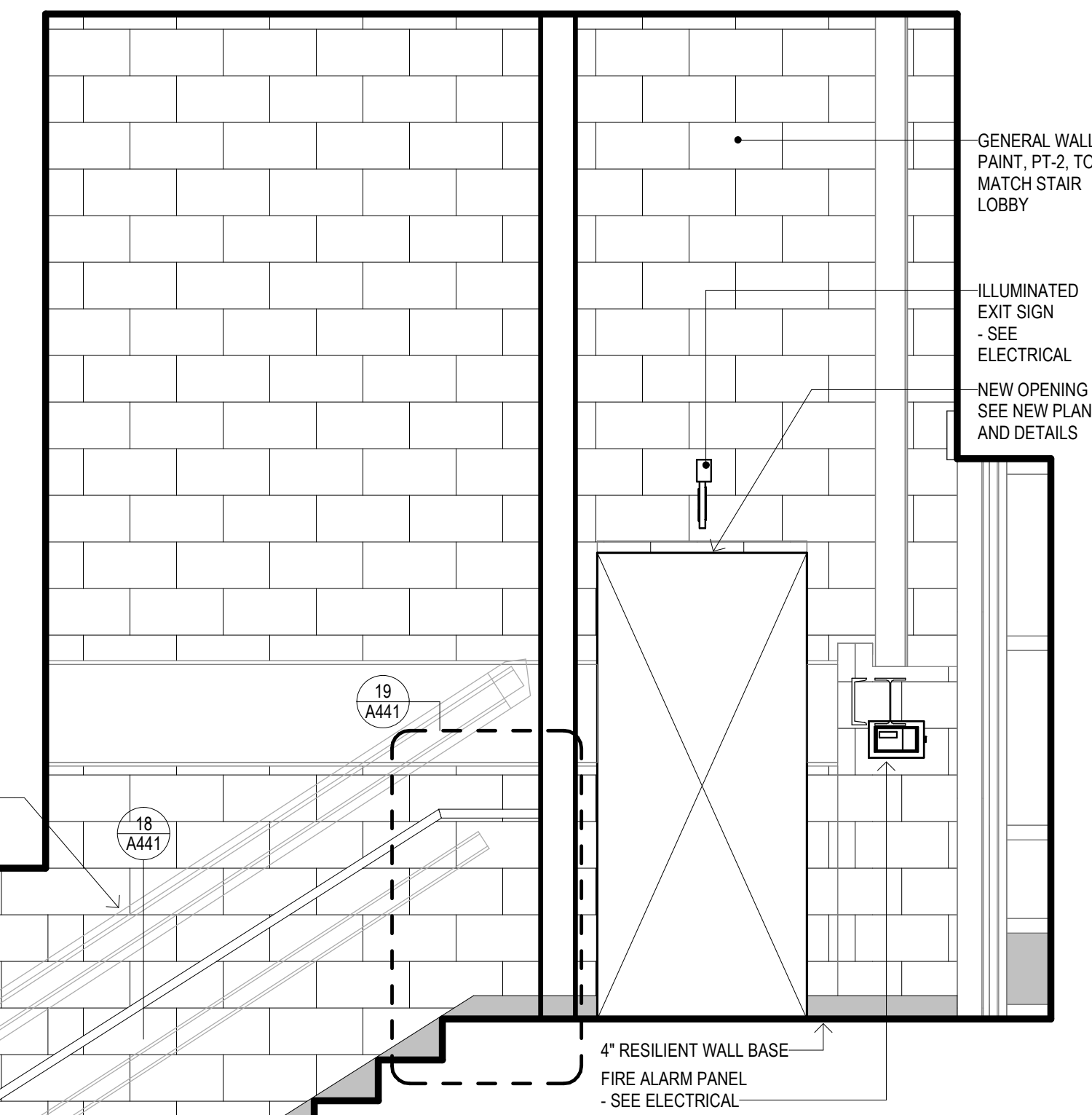
12 SUPPLY U-3B - EAST
1/2" = 1'-0"



11 SUPPLY U-3B - WEST
1/2" = 1'-0"

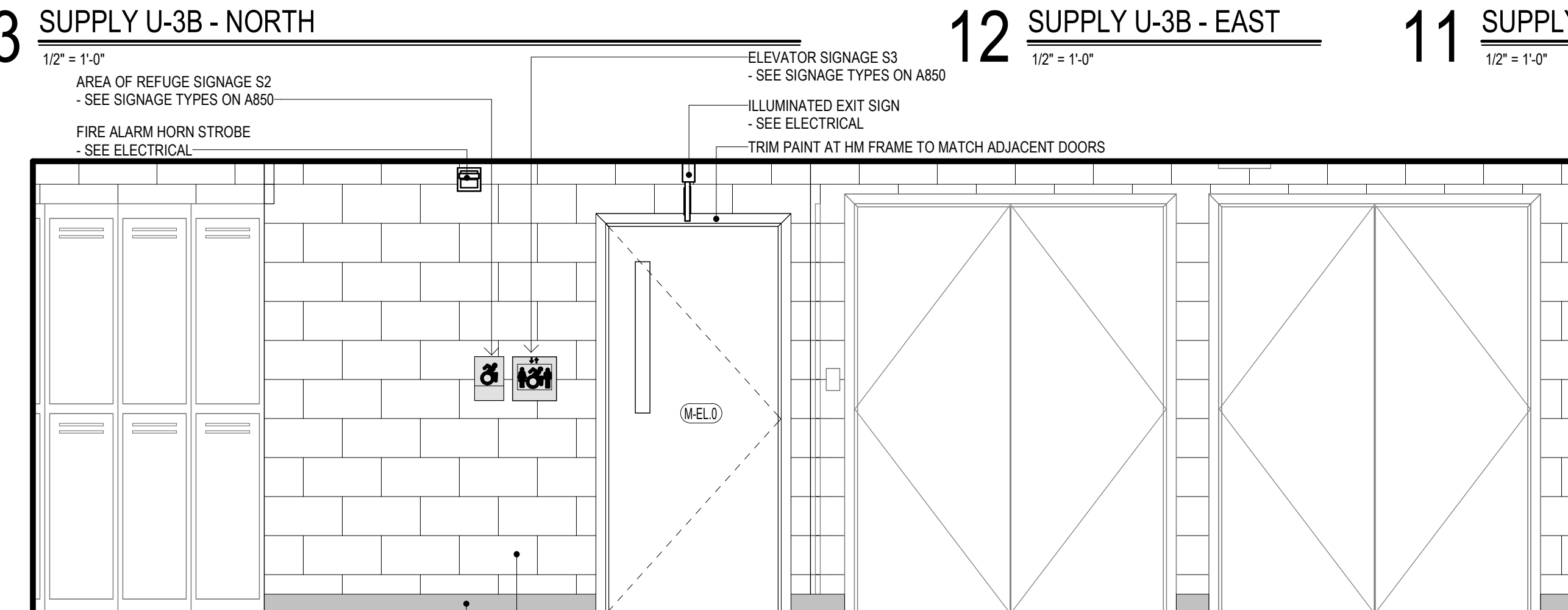


7 SCIENCE M-3 - SOUTH
1/2" = 1'-0"

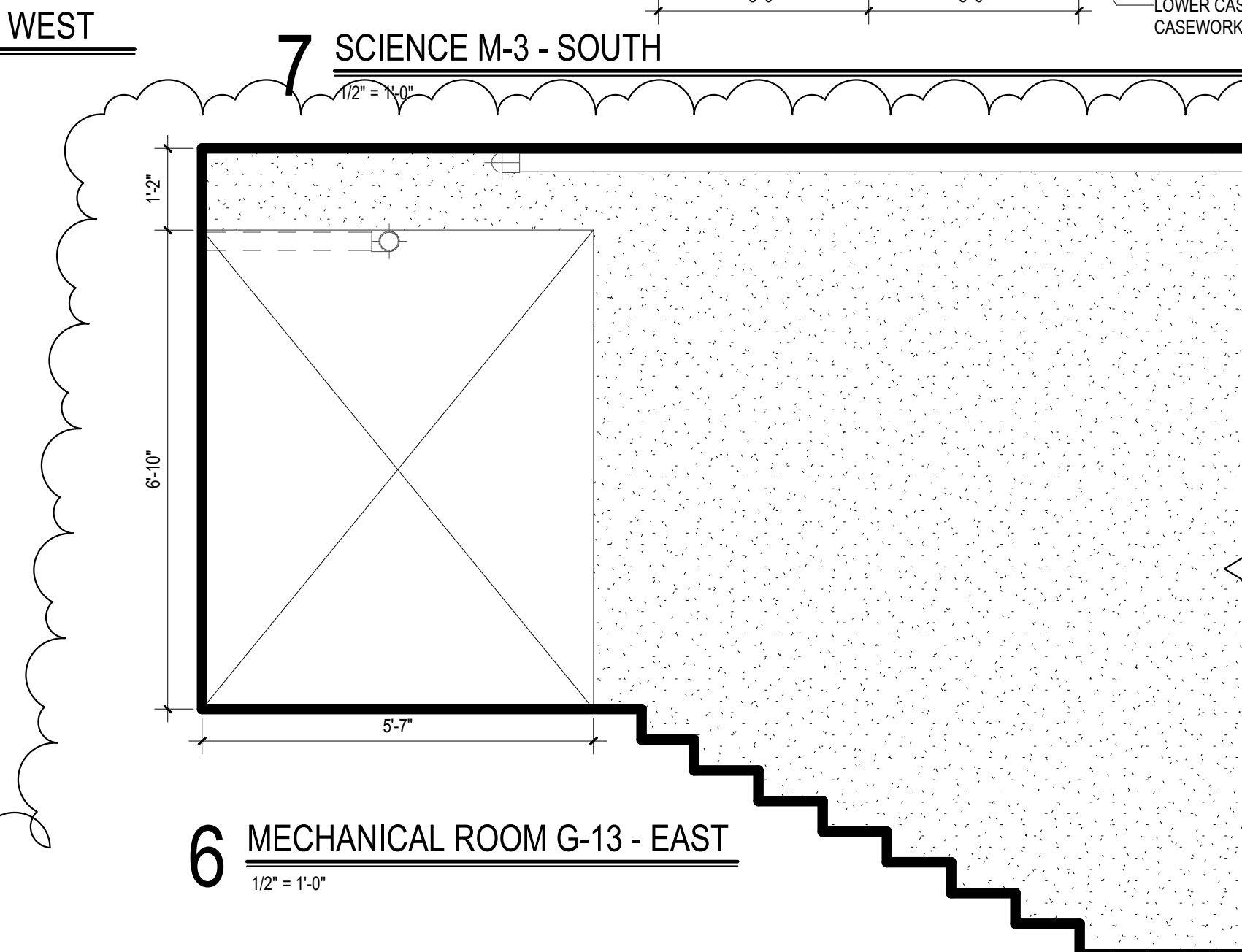


5 STAIR NO. 4 M-4 - NORTH
1/2" = 1'-0"

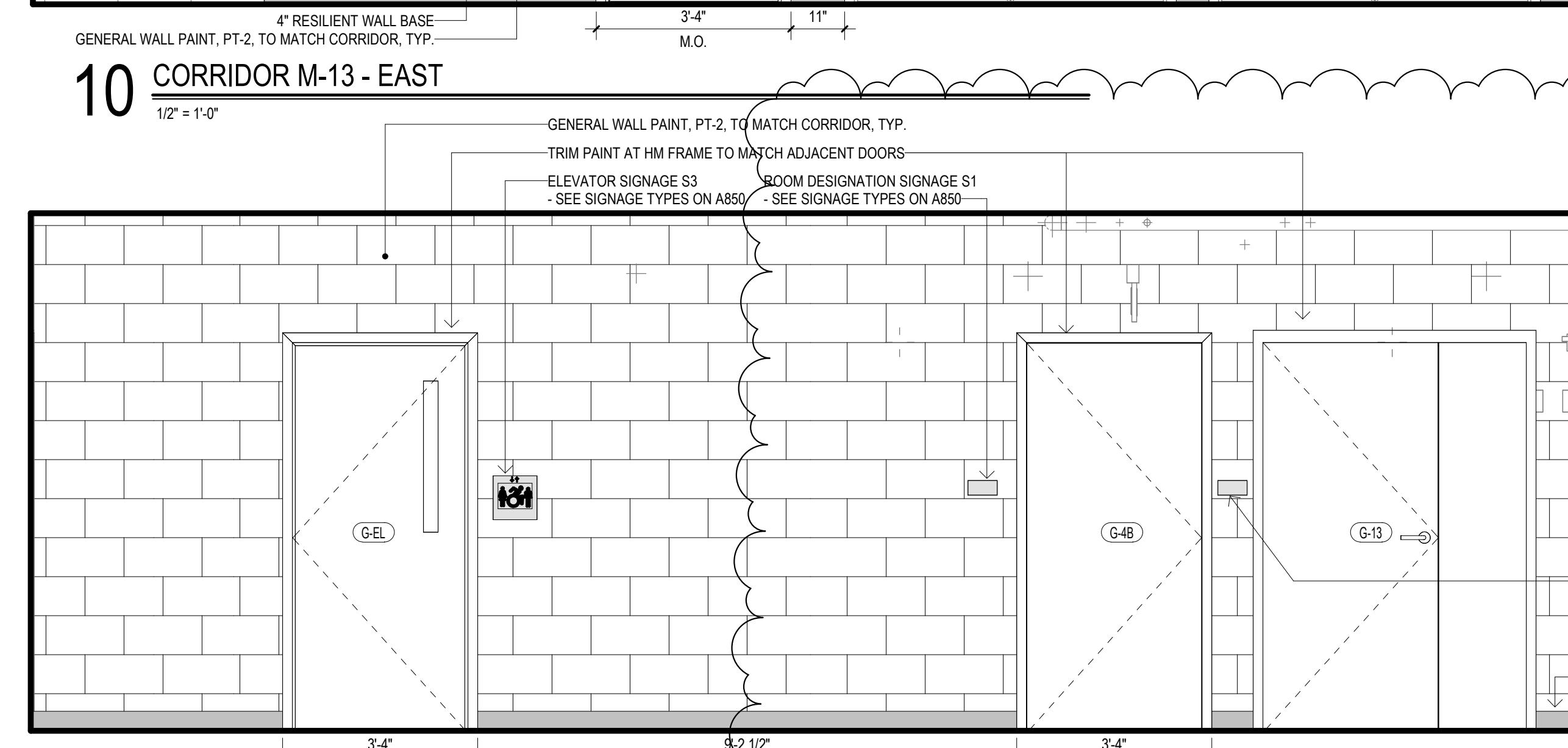
GENERAL NOTE:
THE EXISTING LULA CHAIR LIFT SYSTEM NEEDS TO BE ACTIVE DURING CONSTRUCTION AS TO NOT
DISRUPT THE ACCESSIBLE EGRESS PATH. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE
TEMPORARY RELOCATION OF ELECTRICAL COMPONENTS SO THAT CONSTRUCTION CAN OCCUR
WHILE CHAIR LIFT IS ACTIVE.
ONCE THE ELEVATOR HAS BEEN INSTALLED & IS ACTIVE, CONTRACTOR IS TO COMPLETELY REMOVE
THE LULA CHAIR LIFT SYSTEM, INCLUDING ALL ASSOCIATED COMPONENTS, HARDWARE, WIRING, ETC.
ALL ELECTRICAL DEVICES ASSOCIATED ARE TO BE REMOVED AS WELL. A NEW RAILING WILL BE
INSTALLED IN ITS PLACE & WILL MATCH THE EXISTING RAILING STYLE FOR THE STAIR



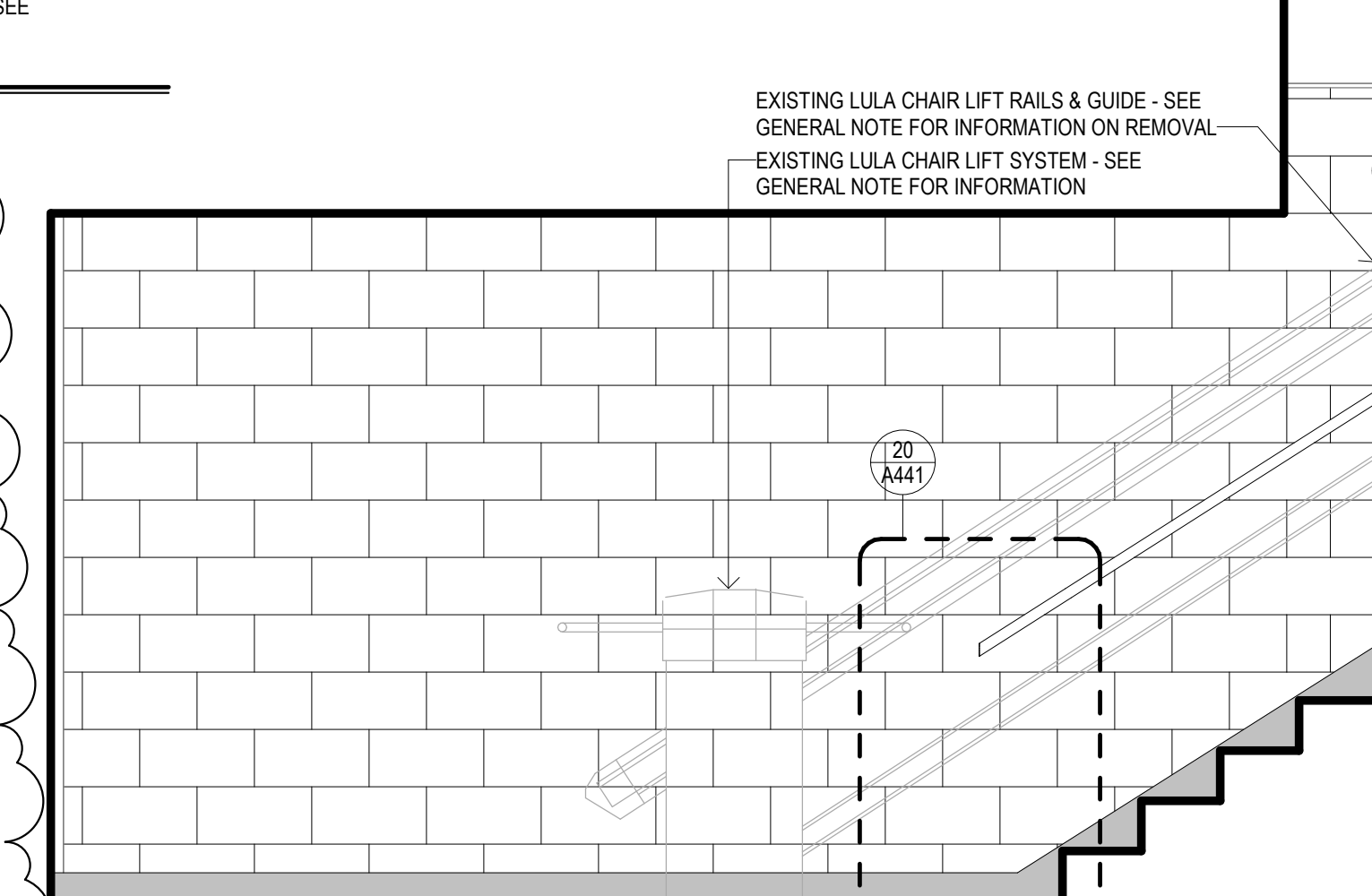
10 CORRIDOR M-13 - EAST
1/2" = 1'-0"



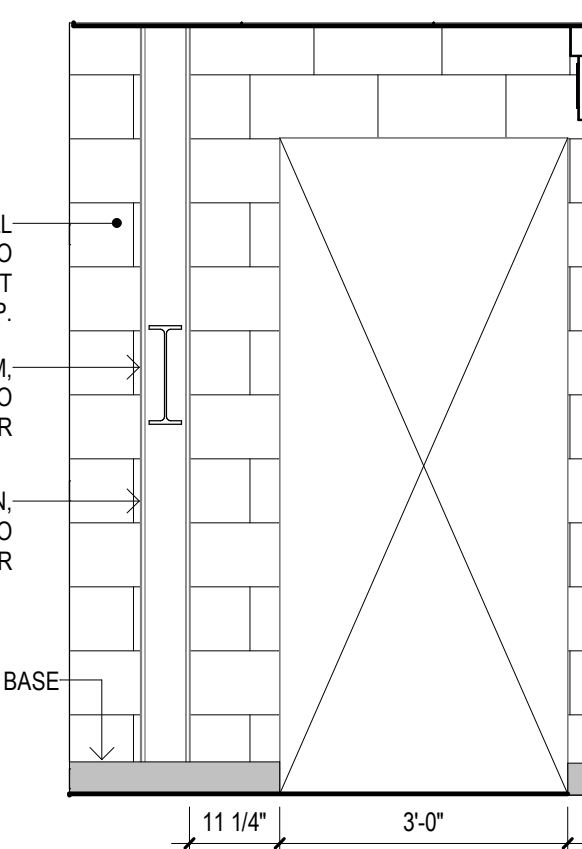
6 MECHANICAL ROOM G-13 - EAST
1/2" = 1'-0"



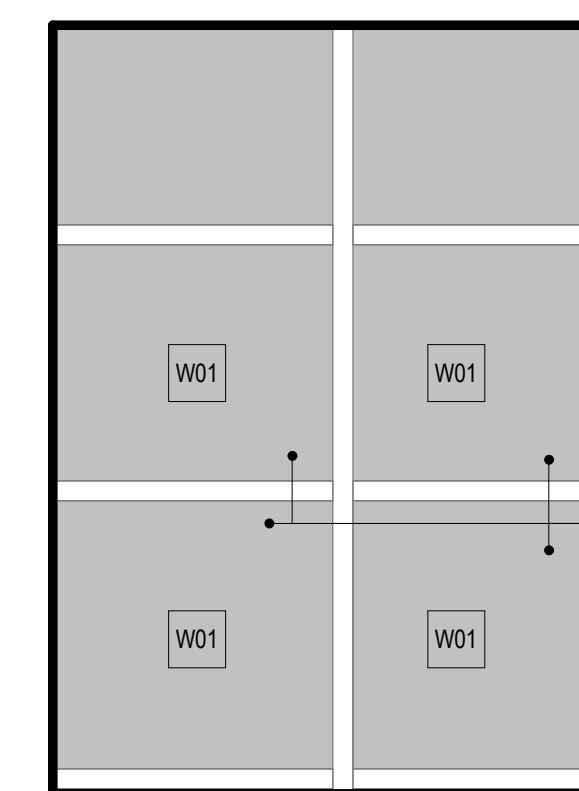
9 CORRIDOR G-5 - EAST
1/2" = 1'-0"



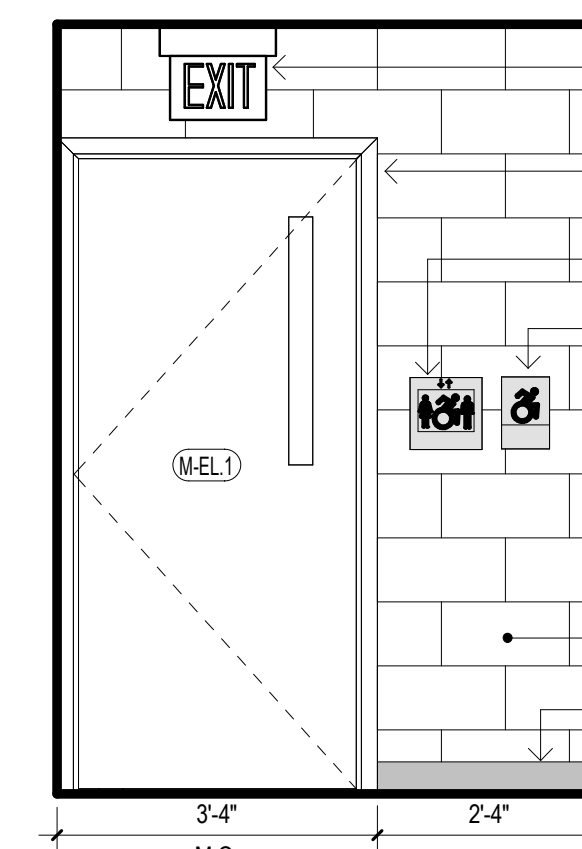
4 CORRIDOR M-11 - NORTH
1/2" = 1'-0"



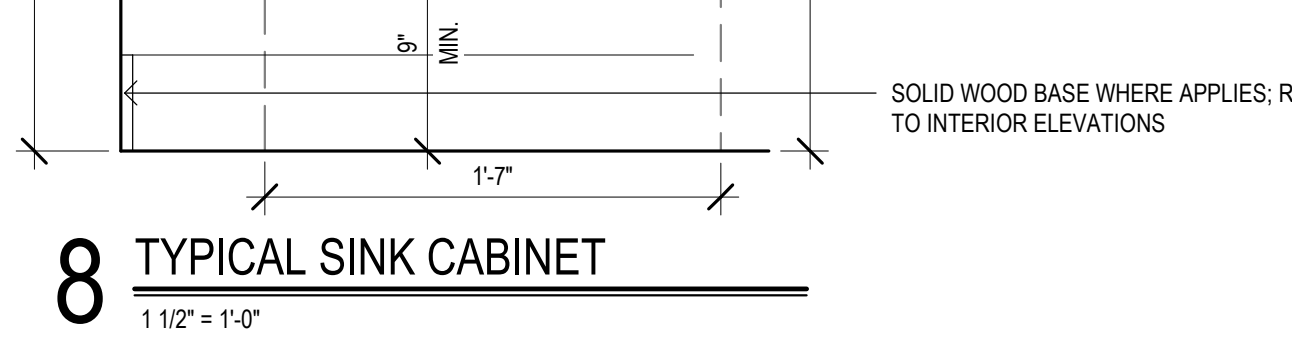
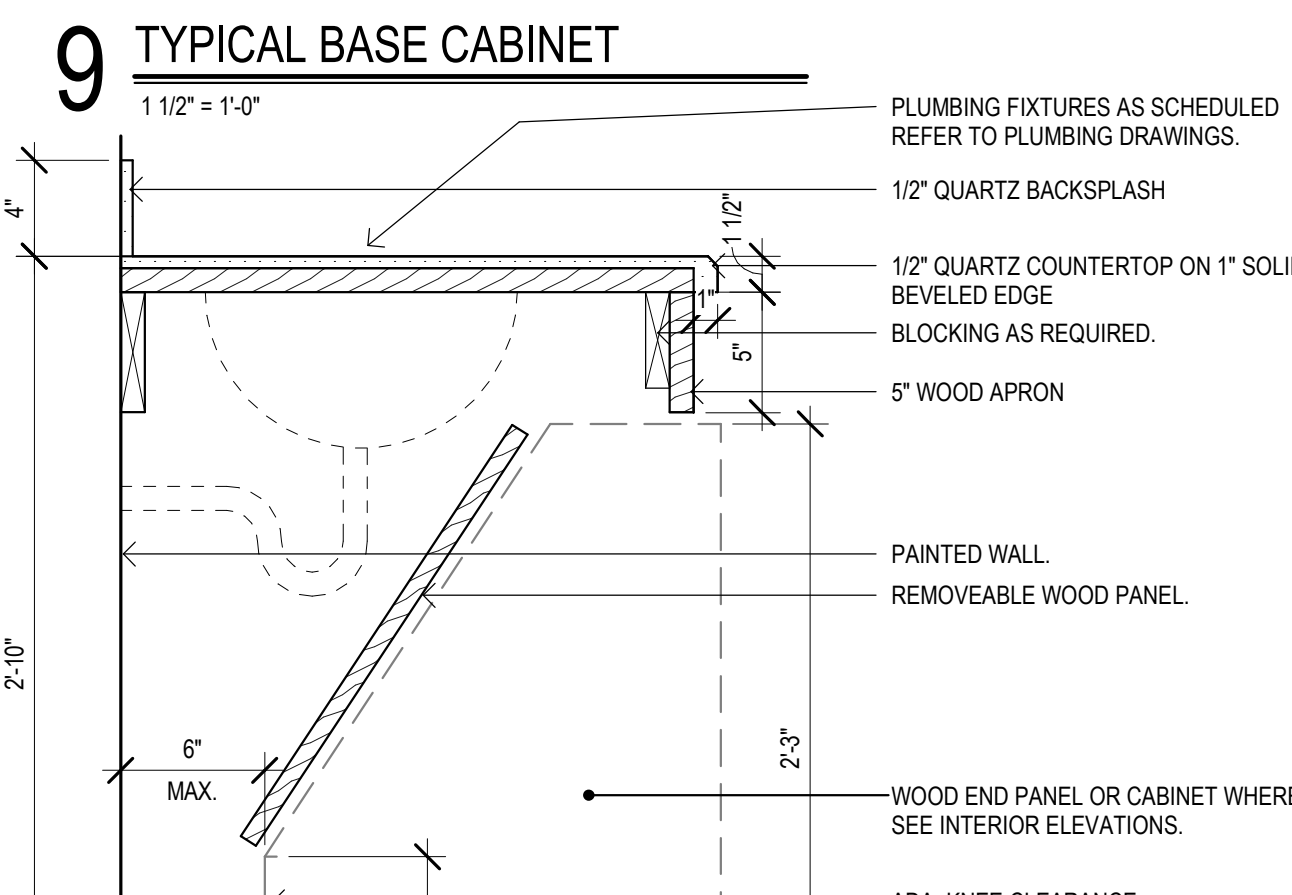
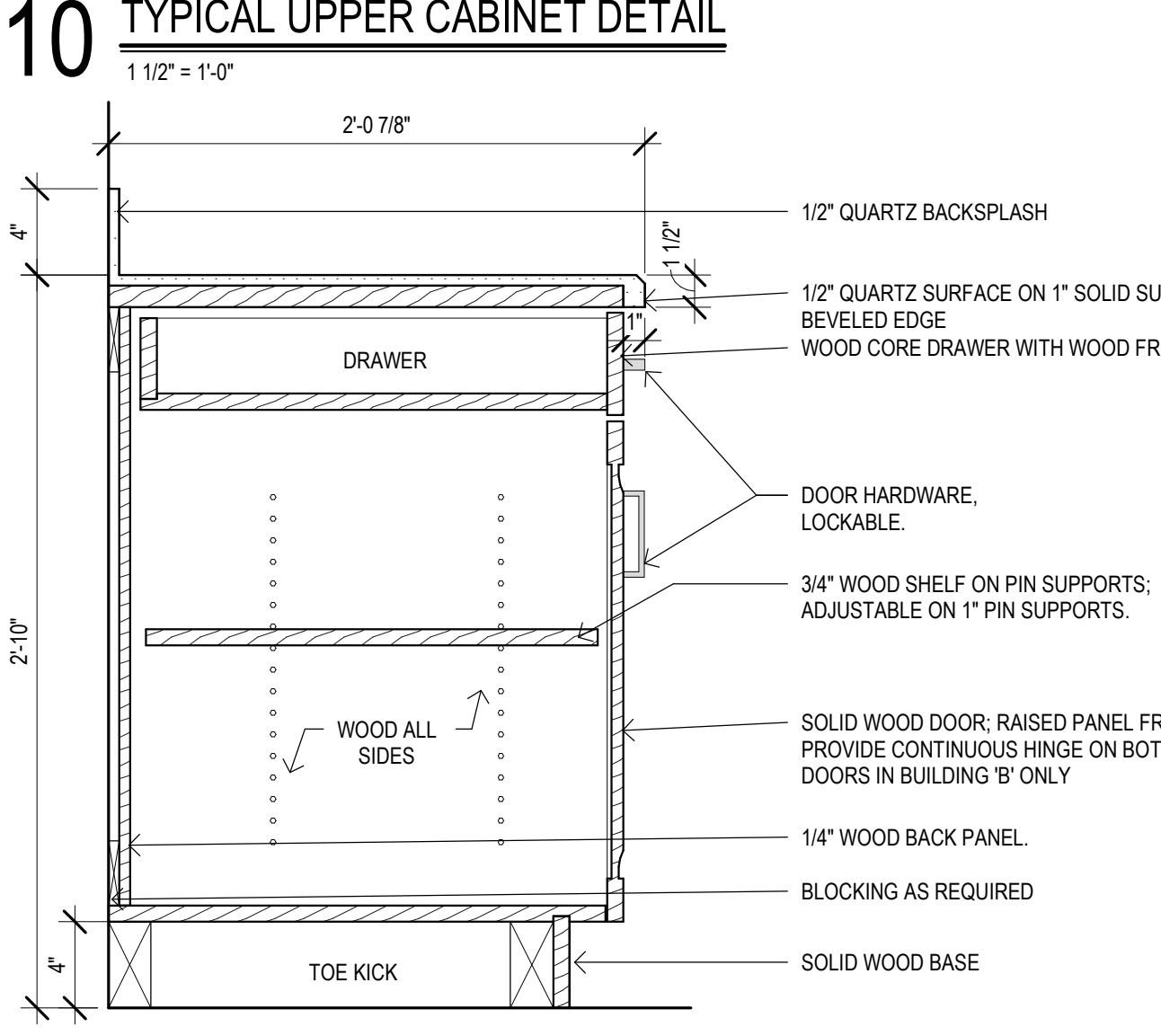
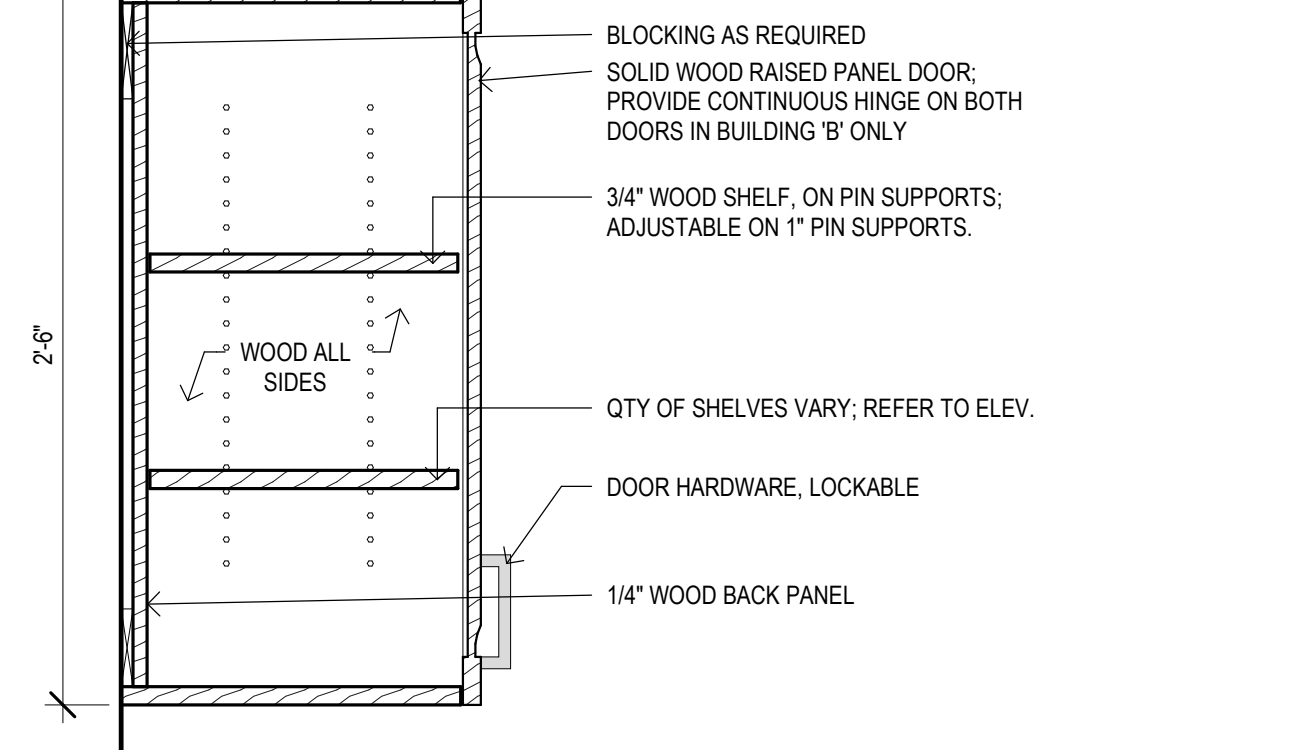
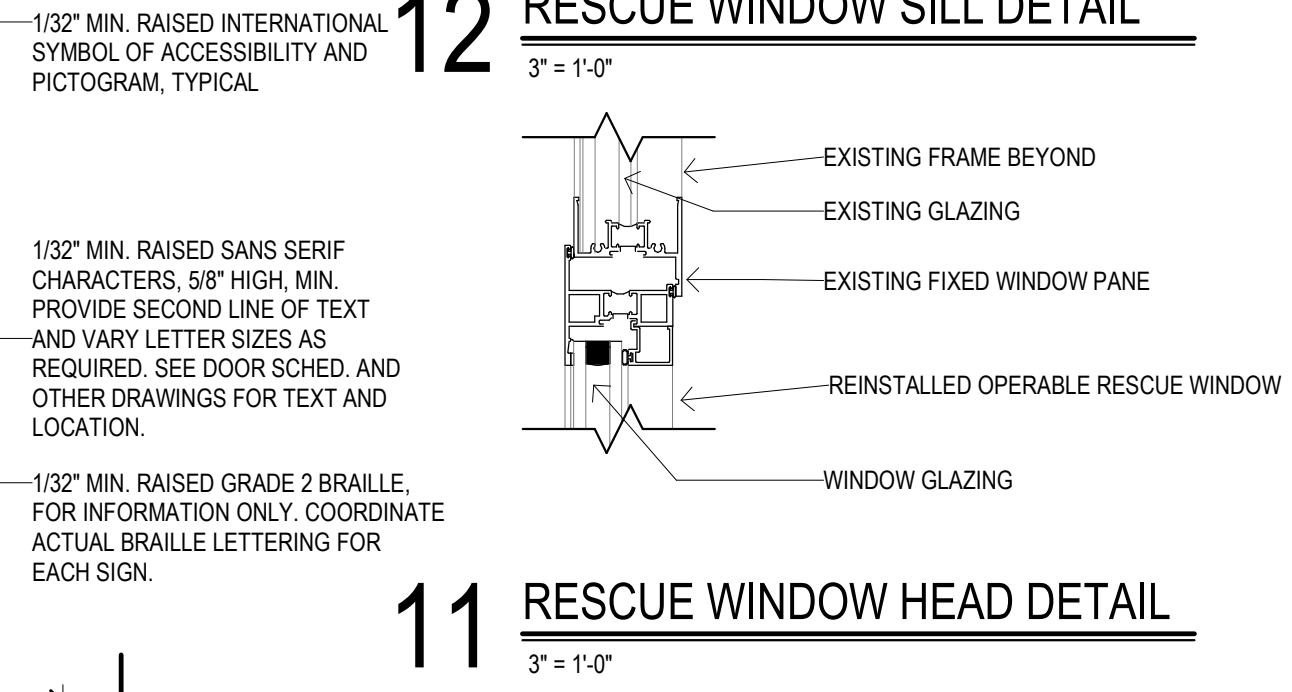
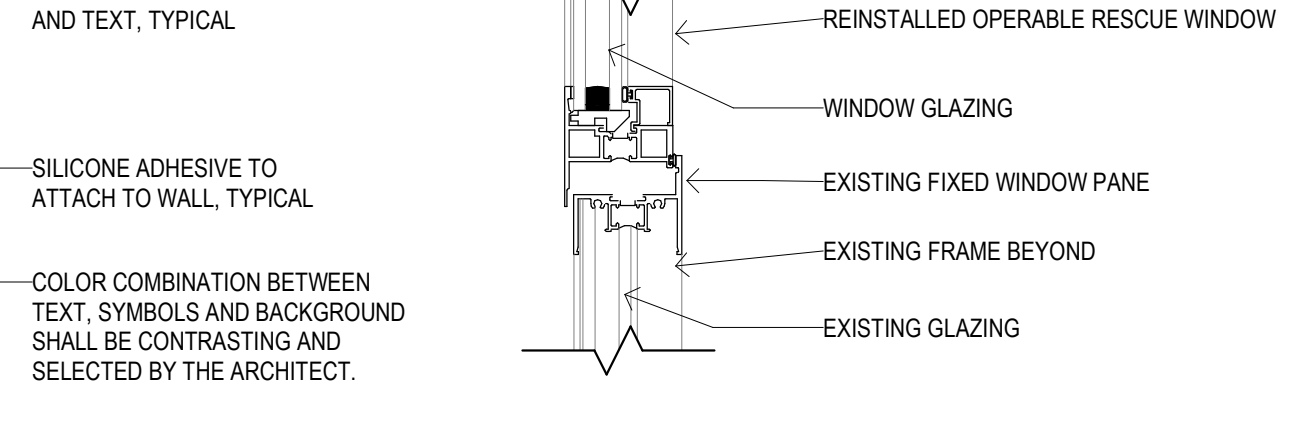
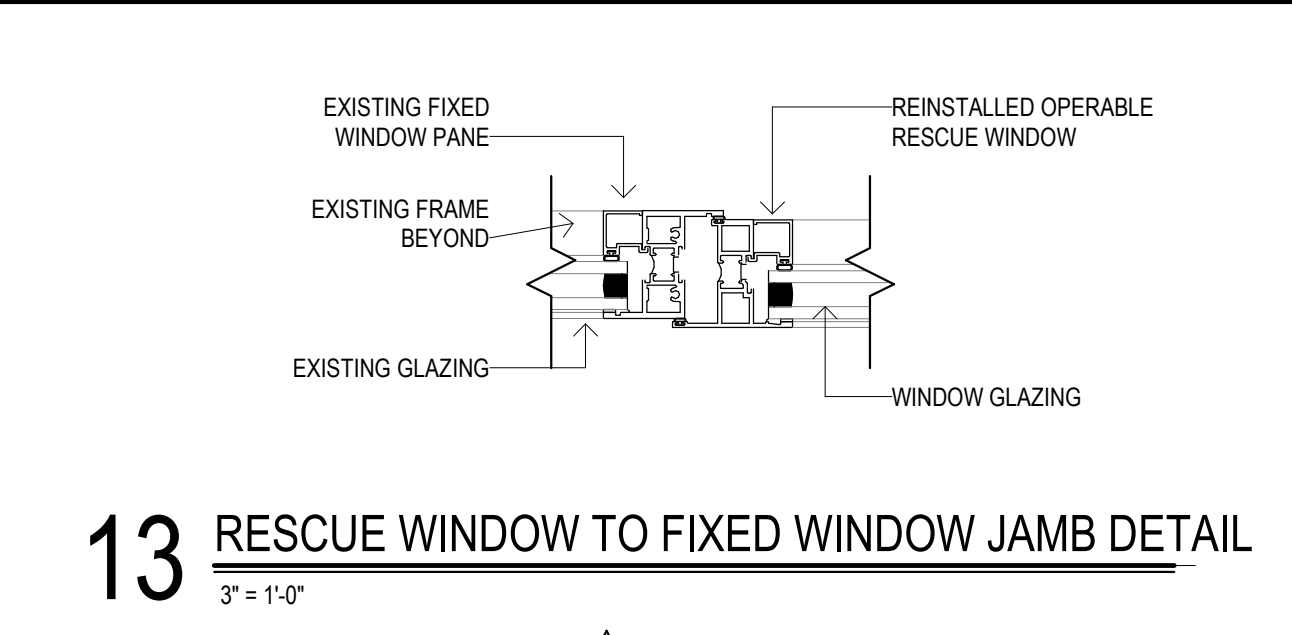
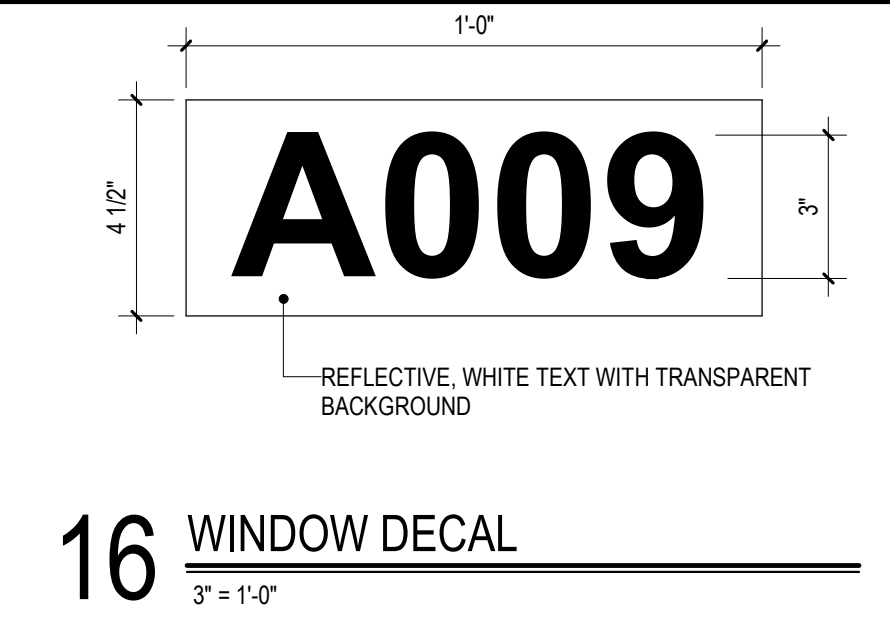
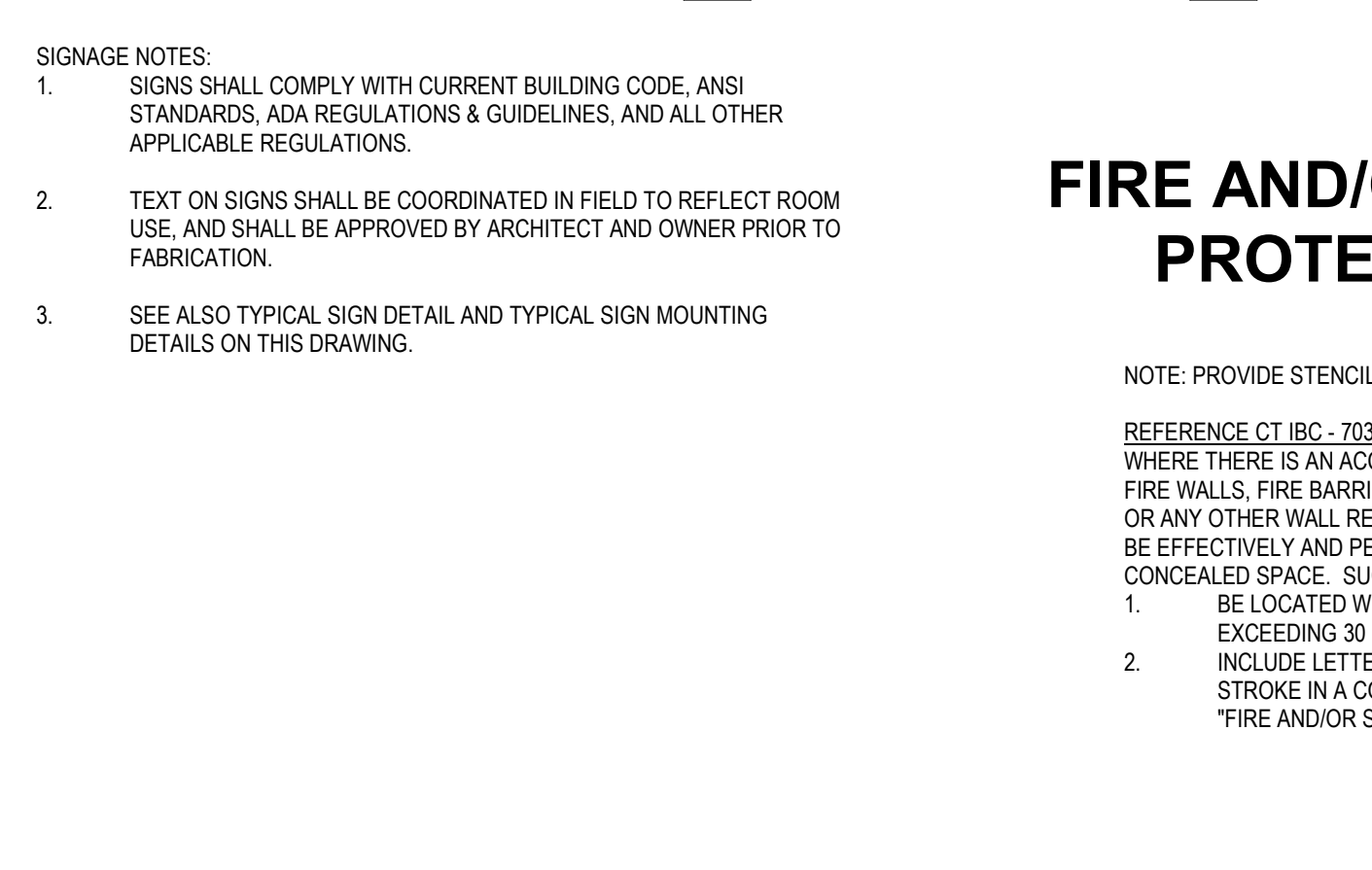
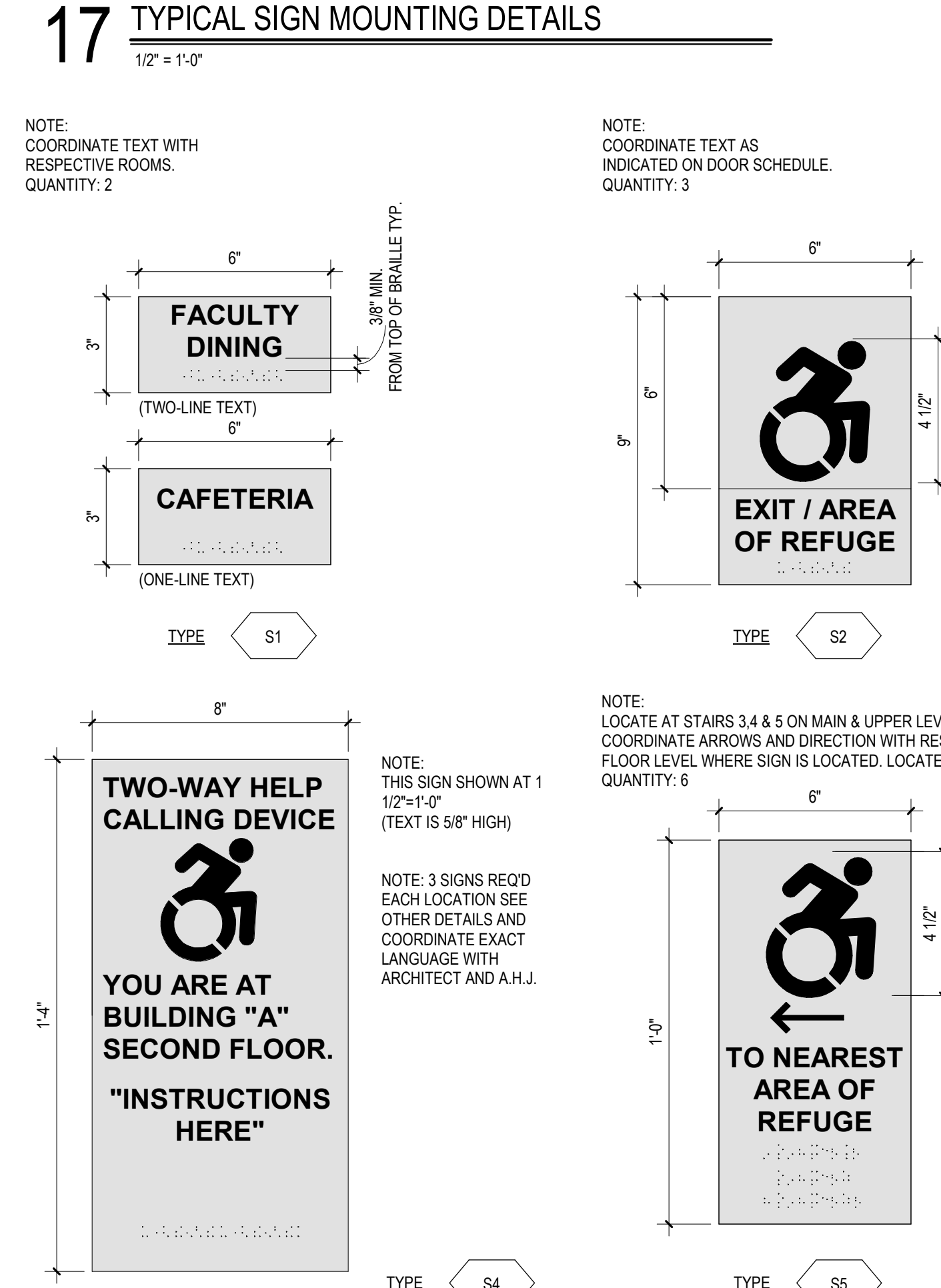
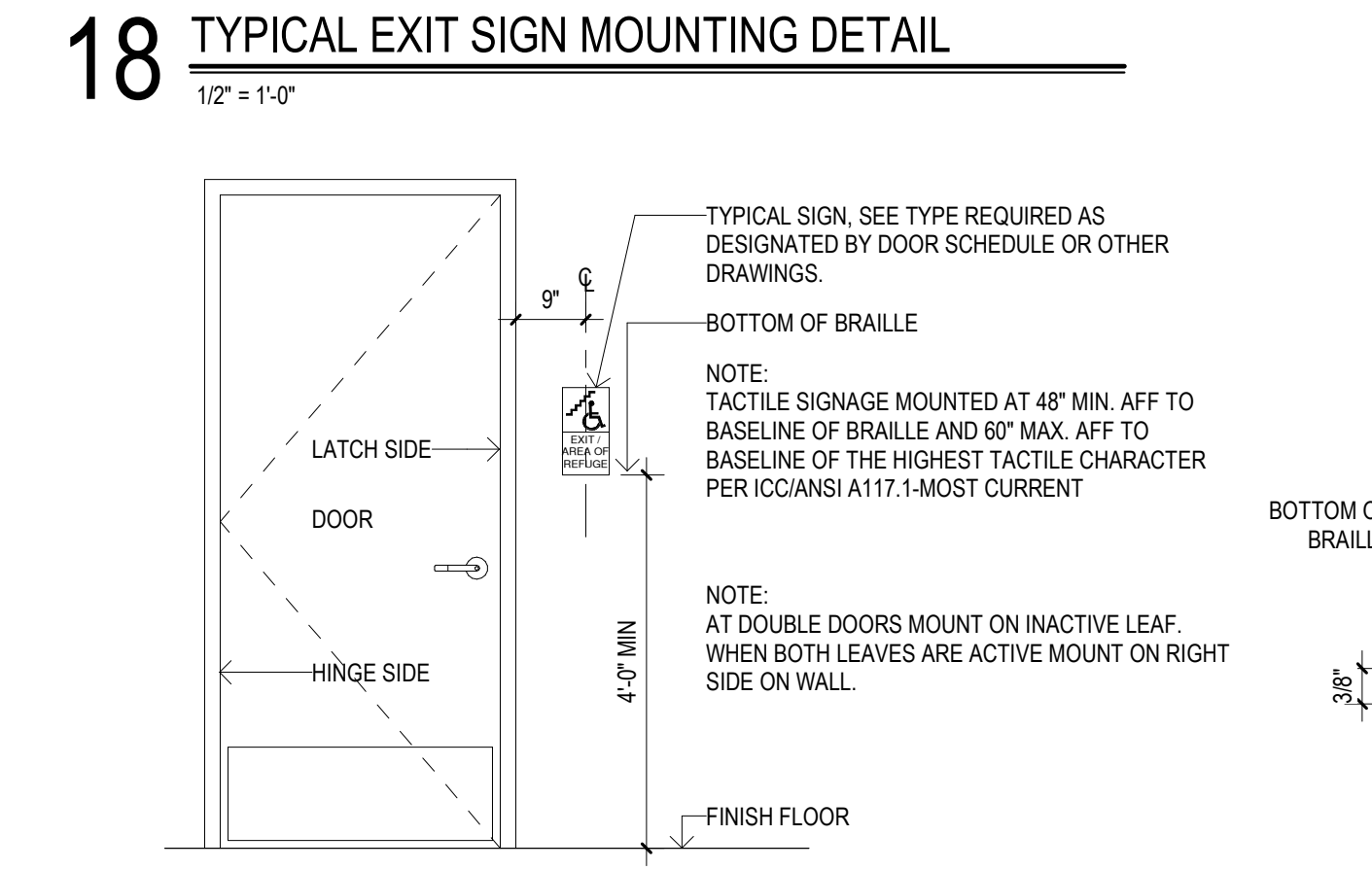
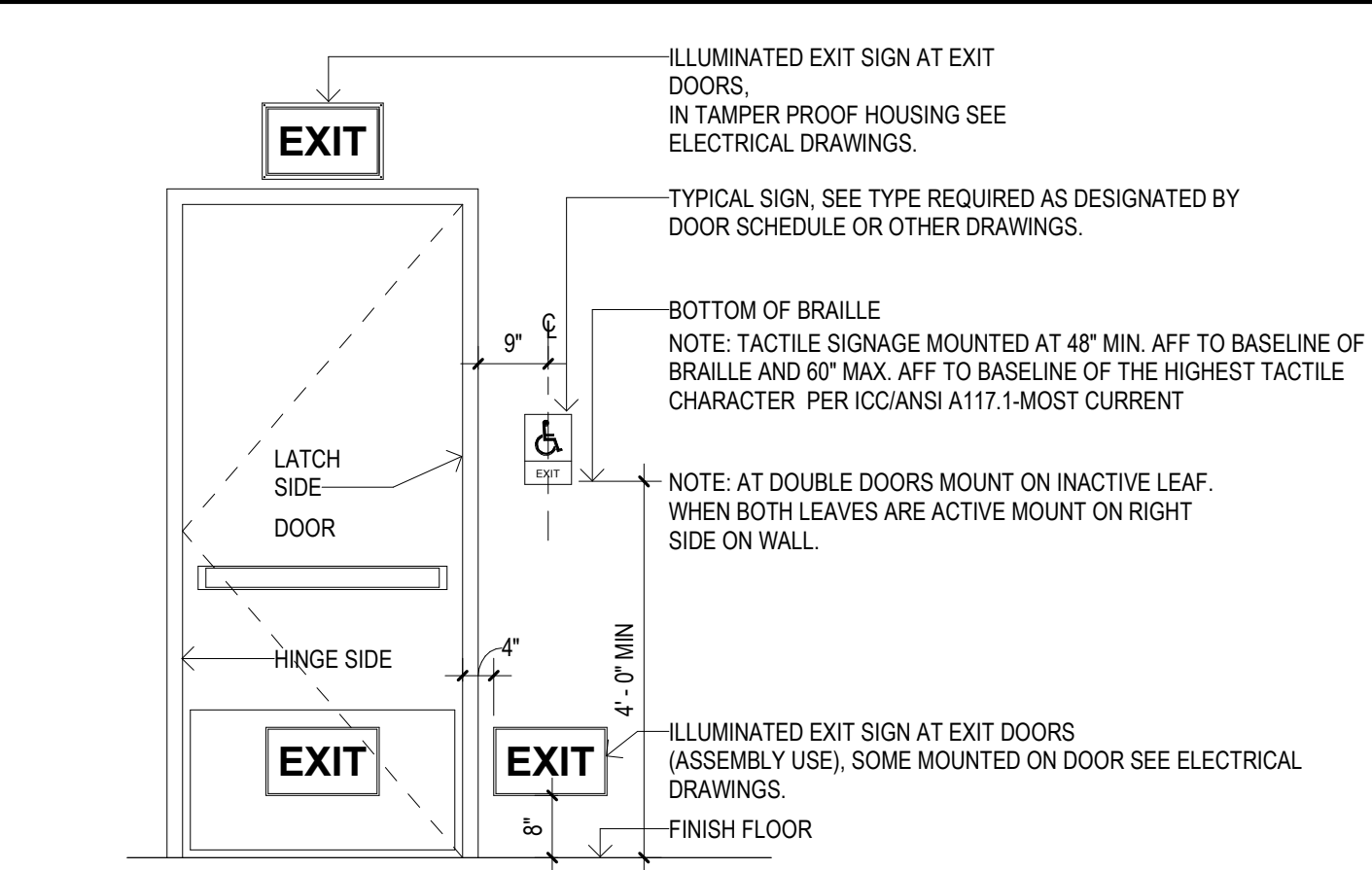
3 CORRIDOR M-11 - SOUTH
1/2" = 1'-0"



2 CORRIDOR M-11 - EAST
1/2" = 1'-0"



1 CORRIDOR M-11 - WEST
1/2" = 1'-0"



No.	ROOM NAME	FLOOR	BASE FINISH	CEILING FINISH	COMMENTS
E-1	ELEVATOR	FL-4	WB-2	PER MANUF.	
G-3	MECHANICAL	ETR	ETR	ETR	
G-4A	STOR.	FL-1	WB-1	GYP-1	
G-4B	STOR.	FL-1	WB-1	GYP-1	
G-5	CORRIDOR	ETR	ETR	ETR	
G-E1	ELEVATOR LOBBY	FL-1	WB-1	FGYP-1	
M-3	SCIENCE	FL-2	WB-1	ACT-1	
M-3A	STORAGE	FL-2	WB-1	GYP-1	
M-4	STAIR NO. 4	FL-3	WB-1	ETR	
M-11	CORRIDOR	FL-2	WB-1	ACT-1	
M-13	CORRIDOR	FL-3	WB-1	ACT-1 ETR	
M-EL-0	ELEVATOR LOBBY	FL-2	WB-1	FGYP-1	
M-EL-1	ELEVATOR LOBBY	FL-2	WB-1	FGYP-1	
U-3	SCIENCE	FL-3	WB-1	ACT-1 ETR	
U-3B	SUPPLY	FL-3	WB-1	GYP-1	
U-17	CORRIDOR	FL-3	WB-1	ACT-1 ETR	
U-EL	ELEVATOR LOBBY	FL-3	WB-1	FGYP-1	

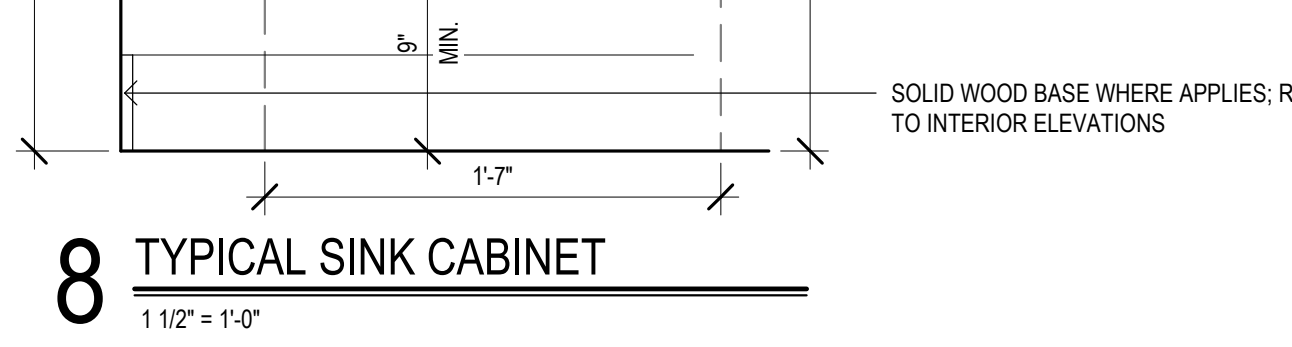
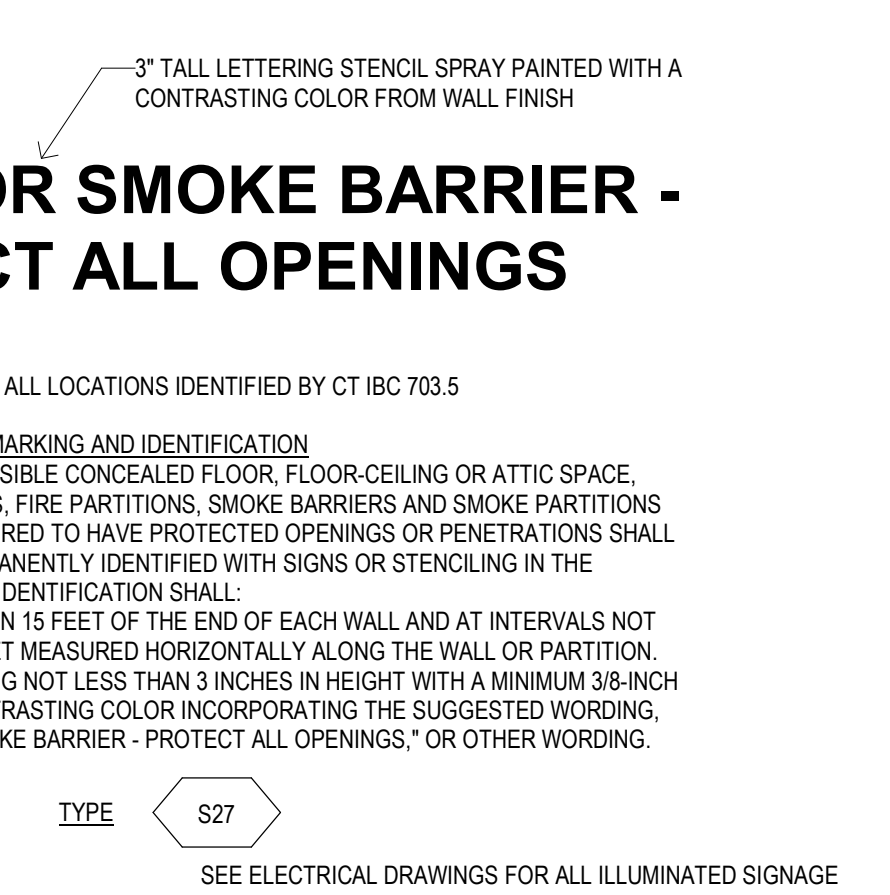
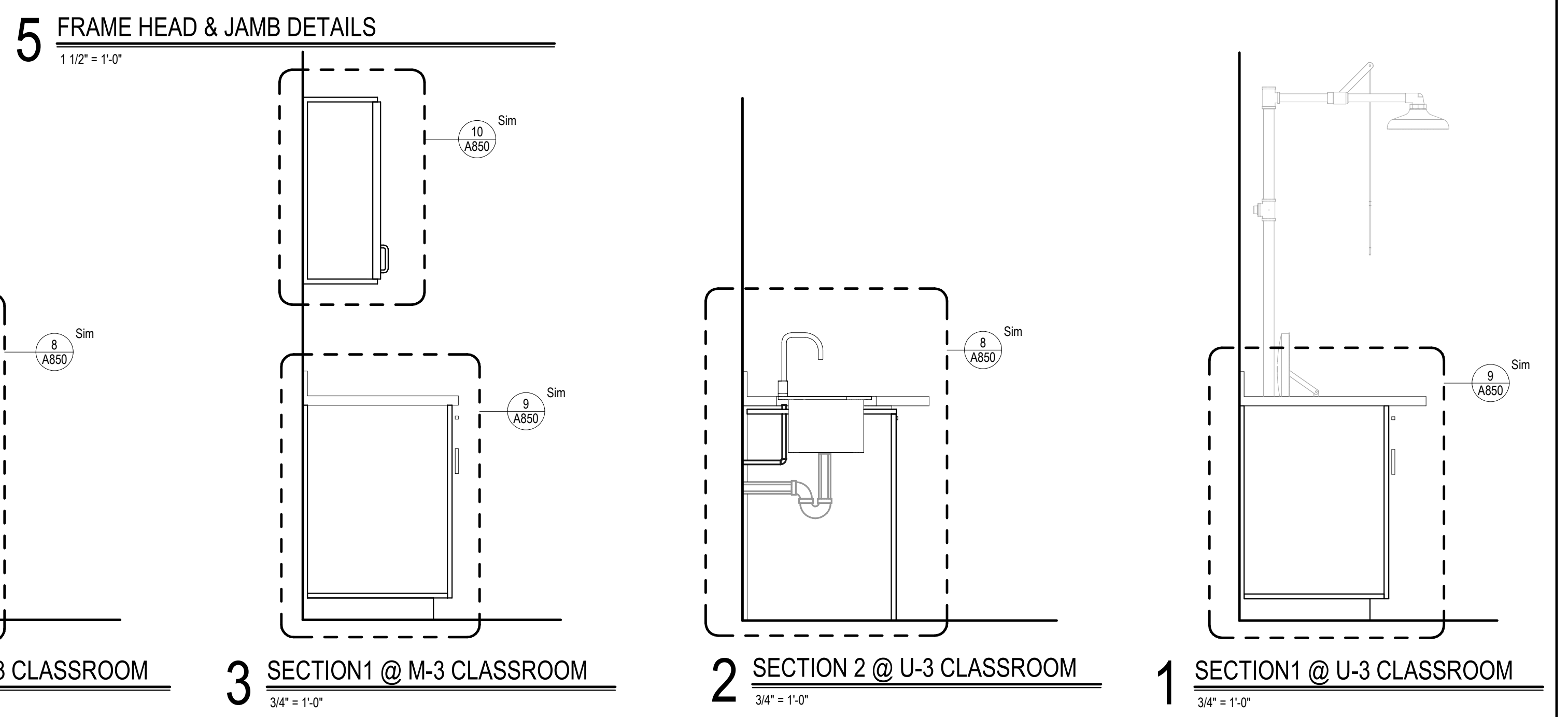
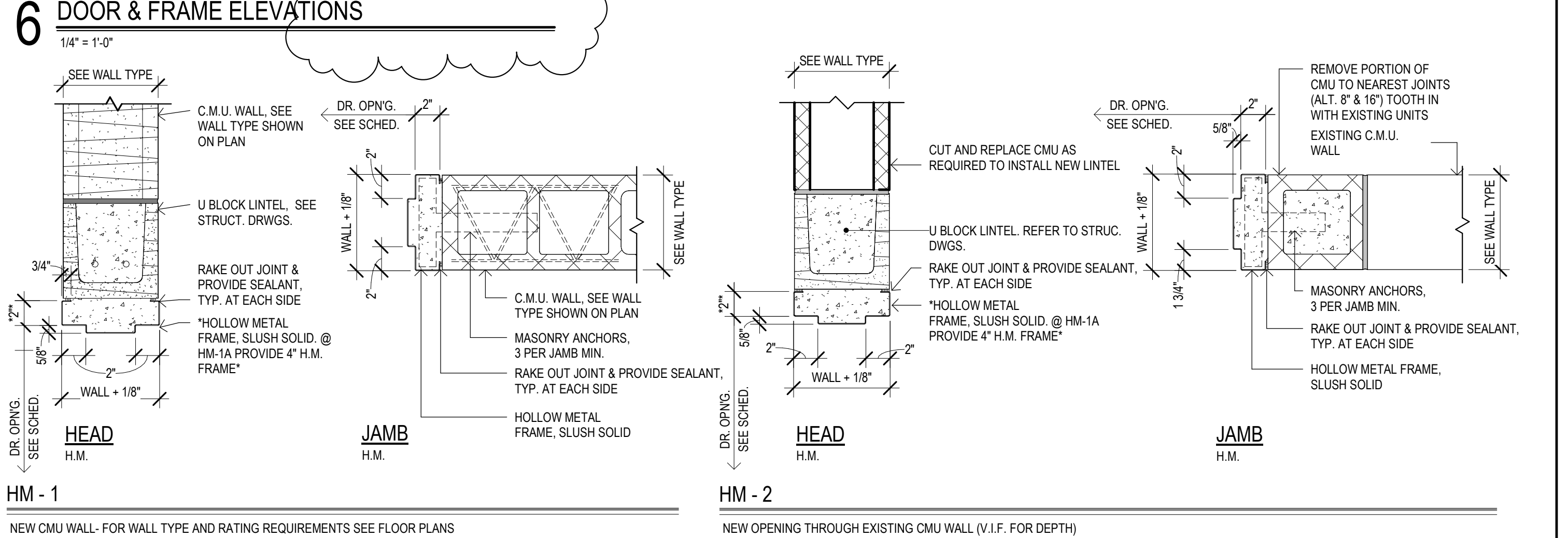
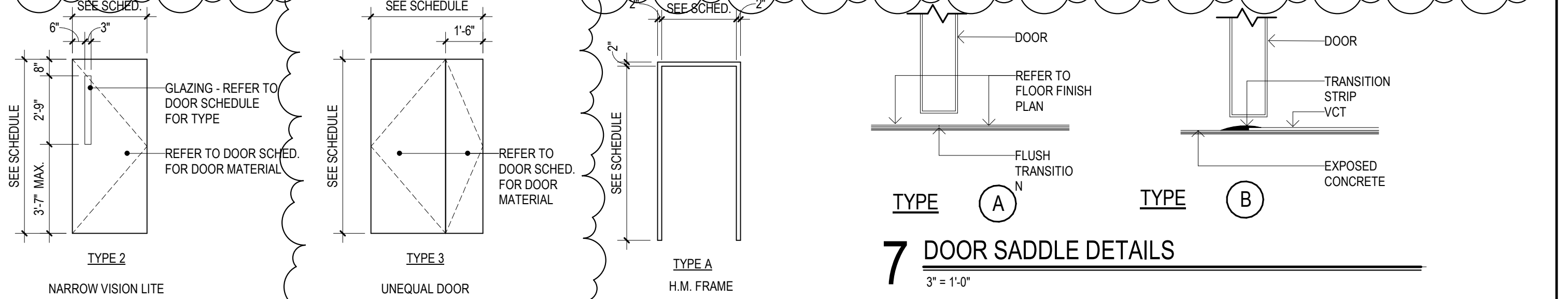
FINISH LEGEND	TRANSITIONS STRIPS
FLOORING	TR-1 FLUSH TRANSITION
FL-1 LVT (LOWER LEVEL)	TR-2 RIBBED TRANSITION STRIP (FL-1 TO EXISTING)
FL-2 LVT (MAIN LEVEL)	
FL-3 LVT (CLASSROOM & UPPER LEVEL)	
FL-4 LVT (BEDROOM)	
WALL BASE	PAINT / COATINGS
WB-1 RESIDENT WALL BASE (PER MANUF.)	PT-1 GENERAL PAINT (ELEVATOR LOBBY)
WB-2 ELEVATOR WALL BASE (PER MANUF.)	PT-2 GENERAL PAINT (CORRIDOR, TO MATCH)
	PT-3 GENERAL PAINT (CLASSROOM, TO MATCH)
INTERIOR WALL FINISH	CEILING
IC-1 1/2" ACoustical Ceiling Tile (7/8" DRIP PAN BOARD)	CS-1 2" ACoustical Ceiling Tile (7/8" DRIP PAN BOARD)
IC-1 1/4" 1/4" Gypsum Board Assembly	CS-1 1/4" 1/4" Gypsum Board Assembly

GLAZING SCHEDULE
GL-2 CLEAR, TEMPERED
GL-14 INSULATED, TINTED, TEMPERED, SPANDREL

DOOR		FRAME		RATING	HARDWARE - REFER TO PROJECT MANUAL																															
DOOR NUMBER	FROM ROOM No.	TO ROOM No.	DOUBLE LEAF DOOR	UNEQUAL DOOR LEAFS	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SADDLE DETAIL	FRAME GLAZING	RESISTS PASSAGE OF SMOKE	90 MINUTE LABELED	45 MINUTE LABELED	NOT REQUIRED	FRANCIS EXT. DEVICE	POSITIVE LATCHING	ELECTROMAGNETIC HOLD	DELAYED ACTION CLOSER	PUSH PLATE/PULL HANDLES	ALARMED EXIT - SEE ELEC.	POWER OPERATOR	LEVER HANDLES	KICK PLATE	ACCESSIBLE THRESHOLD	SIGNAGE TYPE - SEE A850	ACCESSIBILITY	SIGNAGE TEXT	REMARKS	
G-4A	G-4A	G-5			3'-0" 6'-8" 1	WD	STNCLR				A	HM	PTD	HM-2	HM-2	B																		S1	STORAGE	
G-4B	G-5	G-13			3'-0" 6'-8" 1	WD	STNCLR				A	HM	PTD	HM-2	HM-2	B																		S1	STORAGE	
G-13	G-5	G-13			4'-6" 6'-8" 8	WD	STNCLR				A	HM	PTD	HM-2	HM-2	B																		S1	MECHANICAL / BOILER ROOM	
G-EL	G-5	G-EL			3'-0" 6'-8" 2	WD	STNCLR				A	HM	PTD	HM-2	HM-2	A																		S3	ELEVATOR LOBBY	

DOOR		FRAME		RATING	HARDWARE - REFER TO PROJECT MANUAL																																	
DOOR NUMBER	FROM ROOM No.	TO ROOM No.	DOUBLE LEAF DOOR	UNEQUAL DOOR LEAFS	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SADDLE DETAIL	FRAME GLAZING	RESISTS PASSAGE OF SMOKE	90 MINUTE LABELED	45 MINUTE LABELED	NOT REQUIRED	FRANCIS EXT. DEVICE	POSITIVE LATCHING	ELECTROMAGNETIC HOLD	DELAYED ACTION CLOSER	PUSH PLATE/PULL HANDLES	ALARMED EXIT - SEE ELEC.	POWER OPERATOR	LEVER HANDLES	KICK PLATE	ACCESSIBLE THRESHOLD	SIGNAGE TYPE - SEE A850	ACCESSIBILITY	SIGNAGE TEXT	REMARKS			
M-EL-0	M-EL-0	M-13			3'-0" 6'-8" 2	WD	STNCLR				A	HM	PTD	HM-1	HM-1	A																			S2, S3	ELEVATOR LOBBY / AREA OF REFUGE		
M-EL-1	M-EL-1	M-11			3'-0" 6'-8" 2	WD	STNCLR				A	HM	PTD	HM-1	HM-1	A																				S2, S3	ELEVATOR LOBBY / AREA OF REFUGE	

DOOR		FRAME		RATING	HARDWARE - REFER TO PROJECT MANUAL																																	
DOOR NUMBER	FROM ROOM No.	TO ROOM No.	DOUBLE LEAF DOOR	UNEQUAL DOOR LEAFS	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SADDLE DETAIL	FRAME GLAZING	RESISTS PASSAGE OF SMOKE	90 MINUTE LABELED	45 MINUTE LABELED	NOT REQUIRED	FRANCIS EXT. DEVICE	POSITIVE LATCHING	ELECTROMAGNETIC HOLD	DELAYED ACTION CLOSER	PUSH PLATE/PULL HANDLES	ALARMED EXIT - SEE ELEC.	POWER OPERATOR	LEVER HANDLES	KICK PLATE	ACCESSIBLE THRESHOLD	SIGNAGE TYPE - SEE A850	ACCESSIBILITY	SIGNAGE TEXT	REMARKS			
U-3B	U-17	U-3B			3'-0" 6'-8" 1	WD	STNCLR				A	HM	PTD	HM-2	HM-2	A																				S1	SUPPLY	
U-EL	U-17	U-EL			3'-0" 6'-8" 2	WD	STNCLR				A	HM	PTD	HM-2	HM-2	A																				S2, S3	ELEVATOR LOBBY / AREA OF REFUGE	



Project Title:
**ADA IMPROVEMENTS / ELEVATOR AT:
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 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

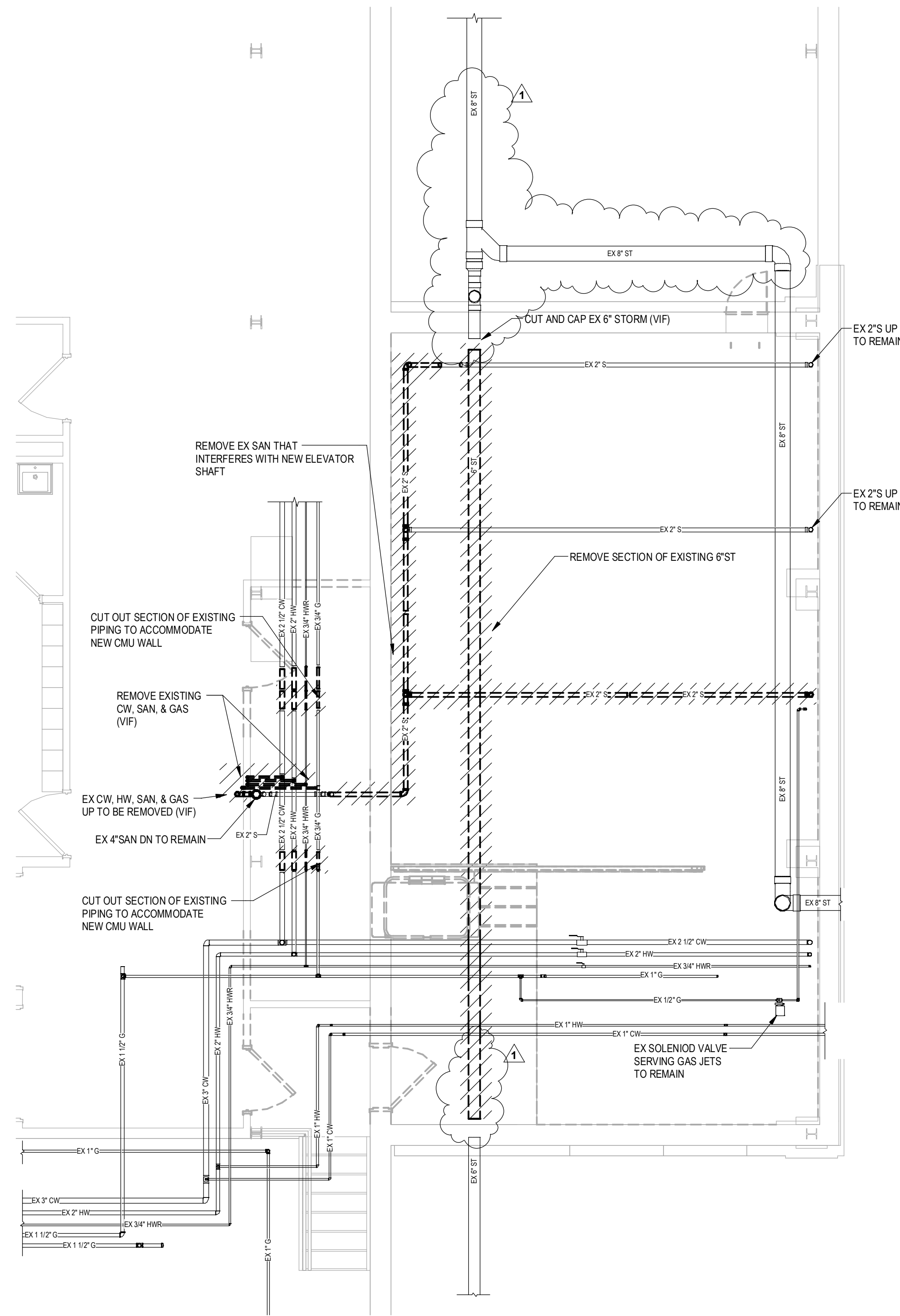
Project Title:
**DOOR / WINDOW / FINISH / CASEWORK
 SCHEDULE, TYPES, AND DETAILS**
 Project Submission:
ISSUED FOR BID
 State Project Number:

Project Title:
**DOOR / WINDOW / FINISH / CASEWORK
 SCHEDULE, TYPES, AND DETAILS**
 Project Submission:
ISSUED FOR BID
 State Project Number:

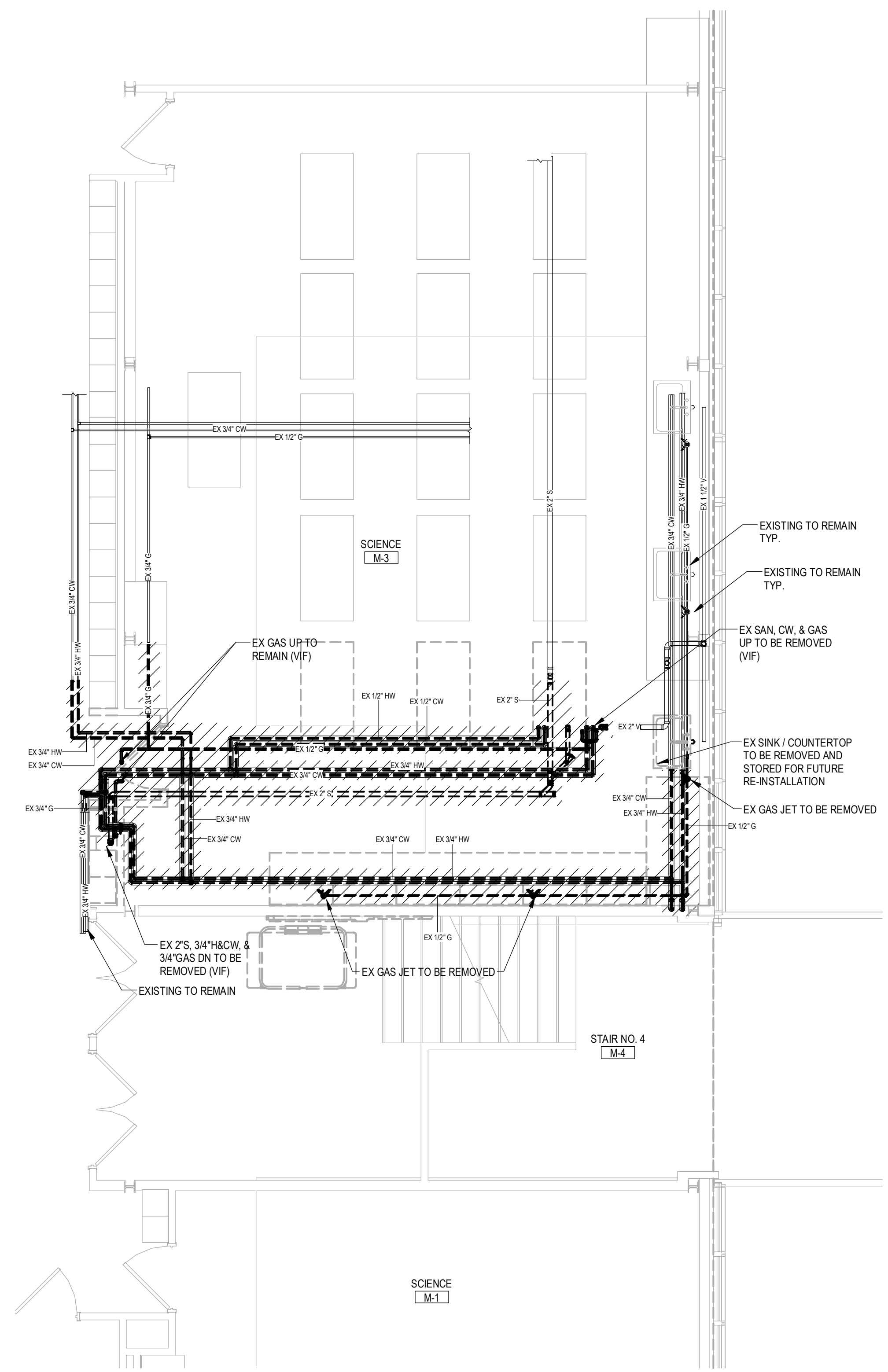
Revision: Description: Date: Revised By:
 1 ADDENDUM #3 03/09/26 M. JAEKLE

Project Title:
**DOOR / WINDOW / FINISH / CASEWORK
 SCHEDULE, TYPES, AND DETAILS**
 Project Submission:
ISSUED FOR BID
 State Project Number:

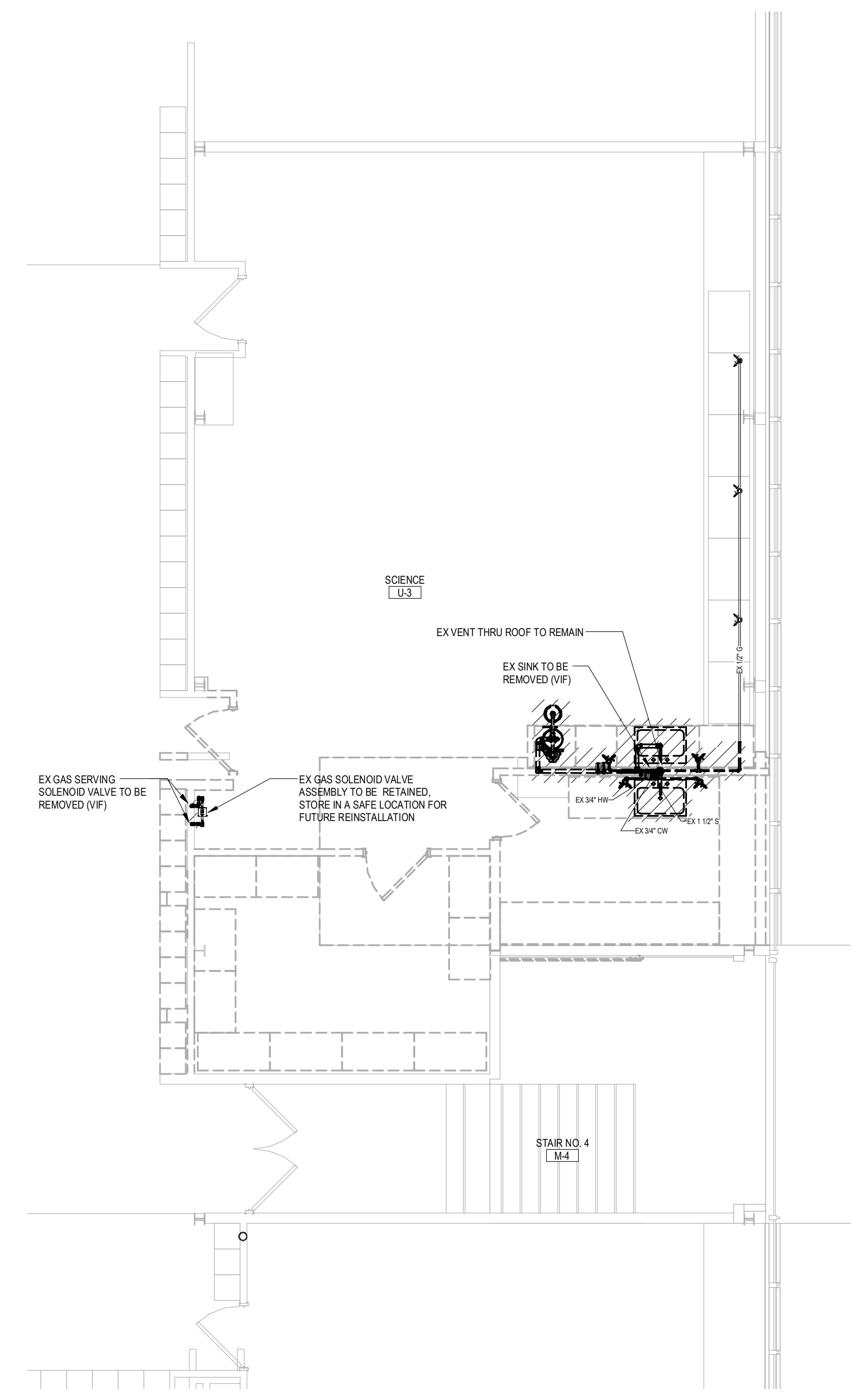
Date: 01/30/2026
 Scale:
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 Drawn By: M. JAEKLE
 Project Number: 23.097
A850



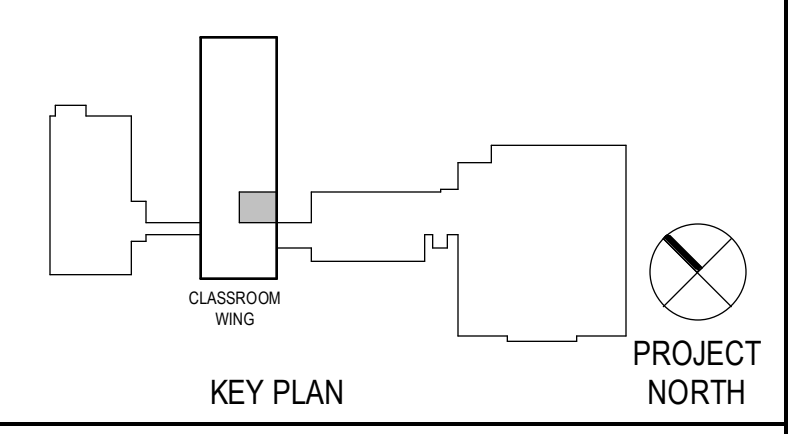
1 PARTIAL LOWER LEVEL DEMO
1/4" = 1'-0"



2 PARTIAL MAIN LEVEL DEMO
1/4" = 1'-0"



3 PARTIAL UPPER LEVEL DEMO
1/4" = 1'-0"



Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

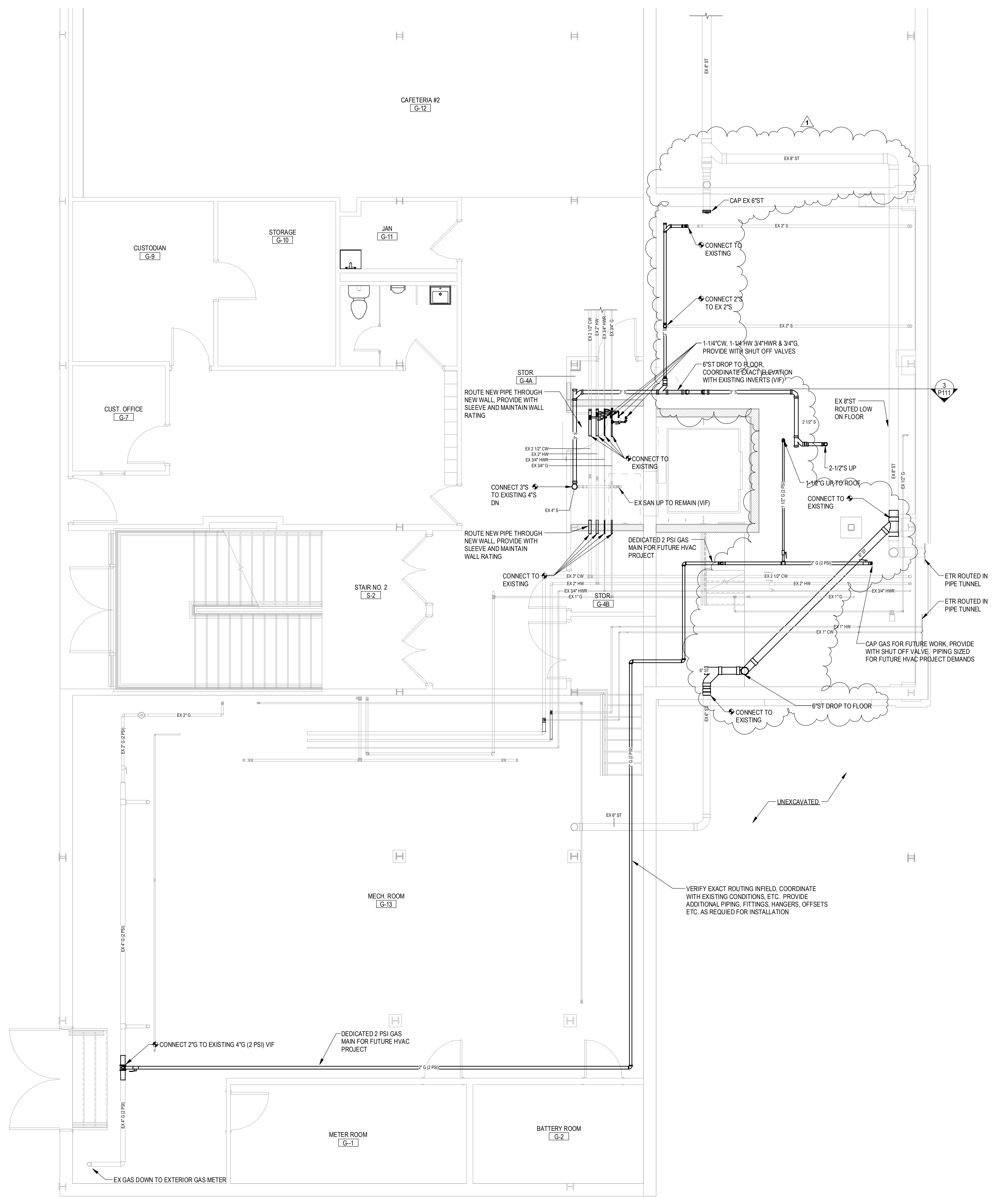
SILVER PETRUCELLI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
 203 230 9007 silverpetrucci.com

Revision	Description	Date	Revised By
1	ADDENDUM #3	03/08/2026	MPB

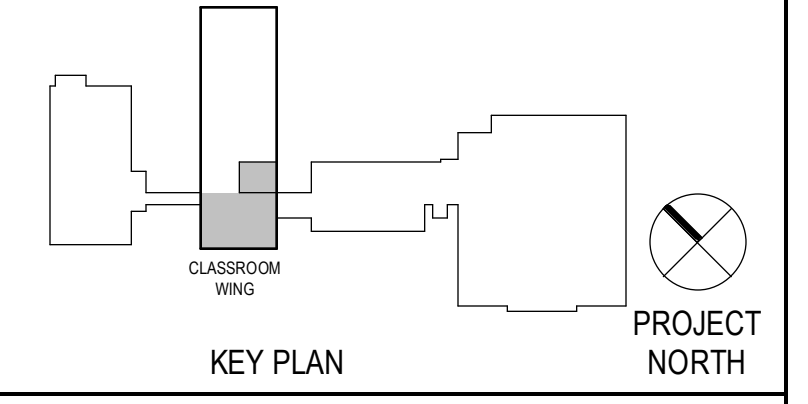
Drawing Title:
PLUMBING DEMOLITION PLANS
 Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 1/4" = 1'-0"
 Drawn By:
 M. BEGIN
 Project Number:
 23.097

Drawing Number:
P010



1 PARTIAL LOWER LEVEL
1/4" = 1'-0"



Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

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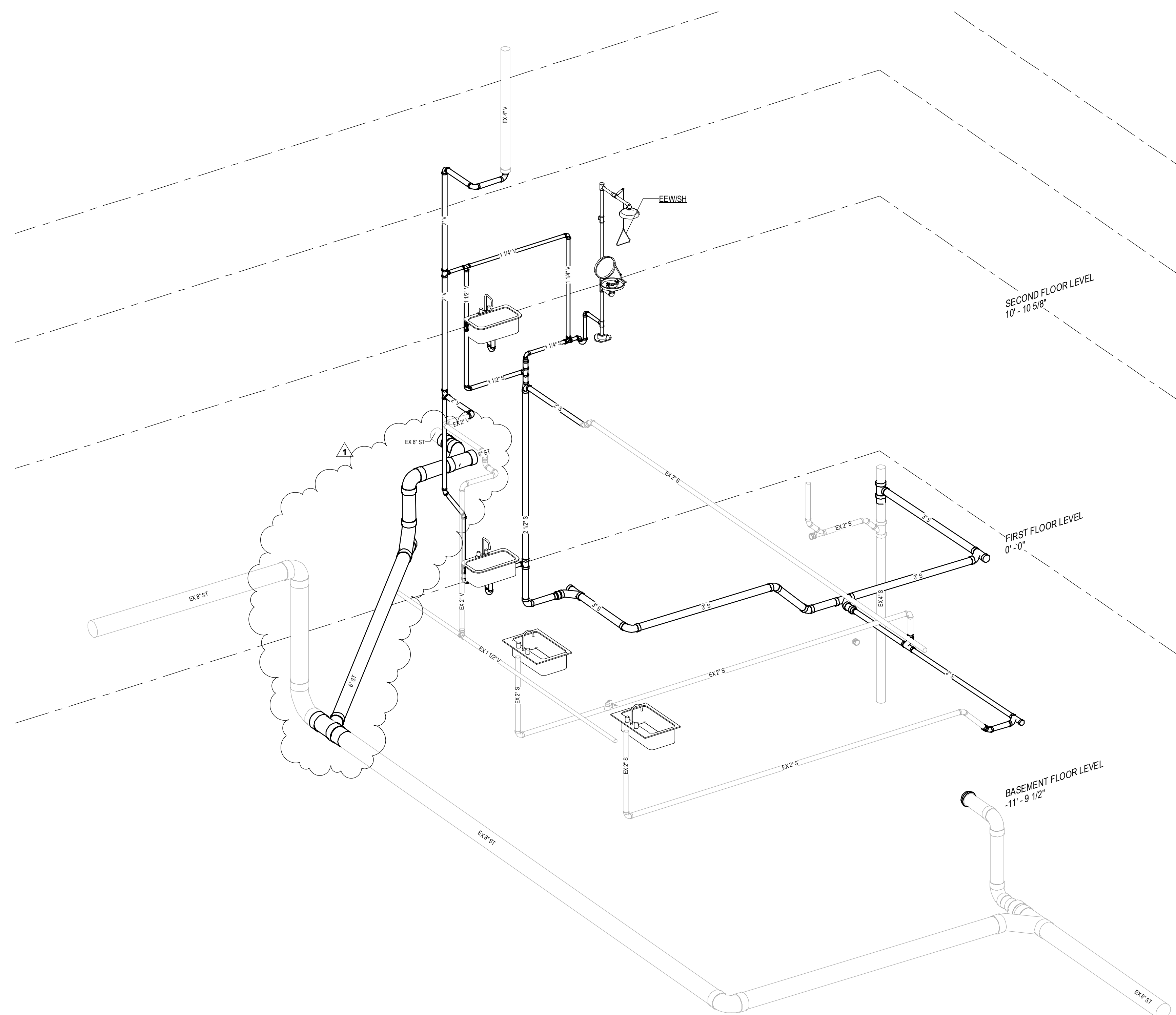
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1	ADDENDUM #3	03/08/2026	MPB

Drawing Title:
PLUMBING LOWER LEVEL PLAN

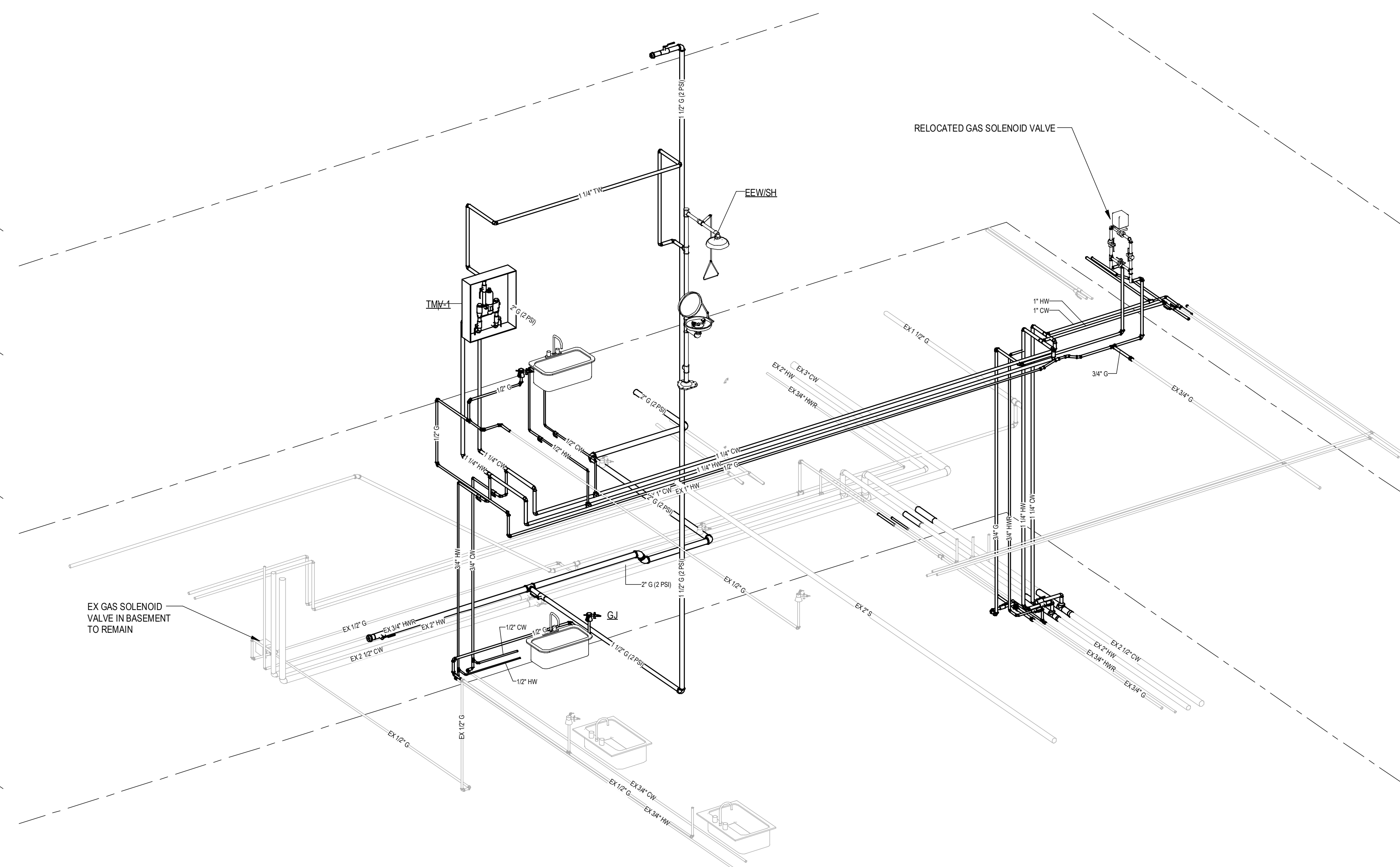
Project Submission:
ISSUED FOR BID

Date: 01/30/2026
 Scale: 1/4" = 1'-0"
 Drawn By:
 Author:
 Project Number: 23.097

P110



1 DW ISO



2 SUPPLY ISO

Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
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Revision:	Description:	Date:	Revised By:
1	Addendum #3	03/08/2026	MPB

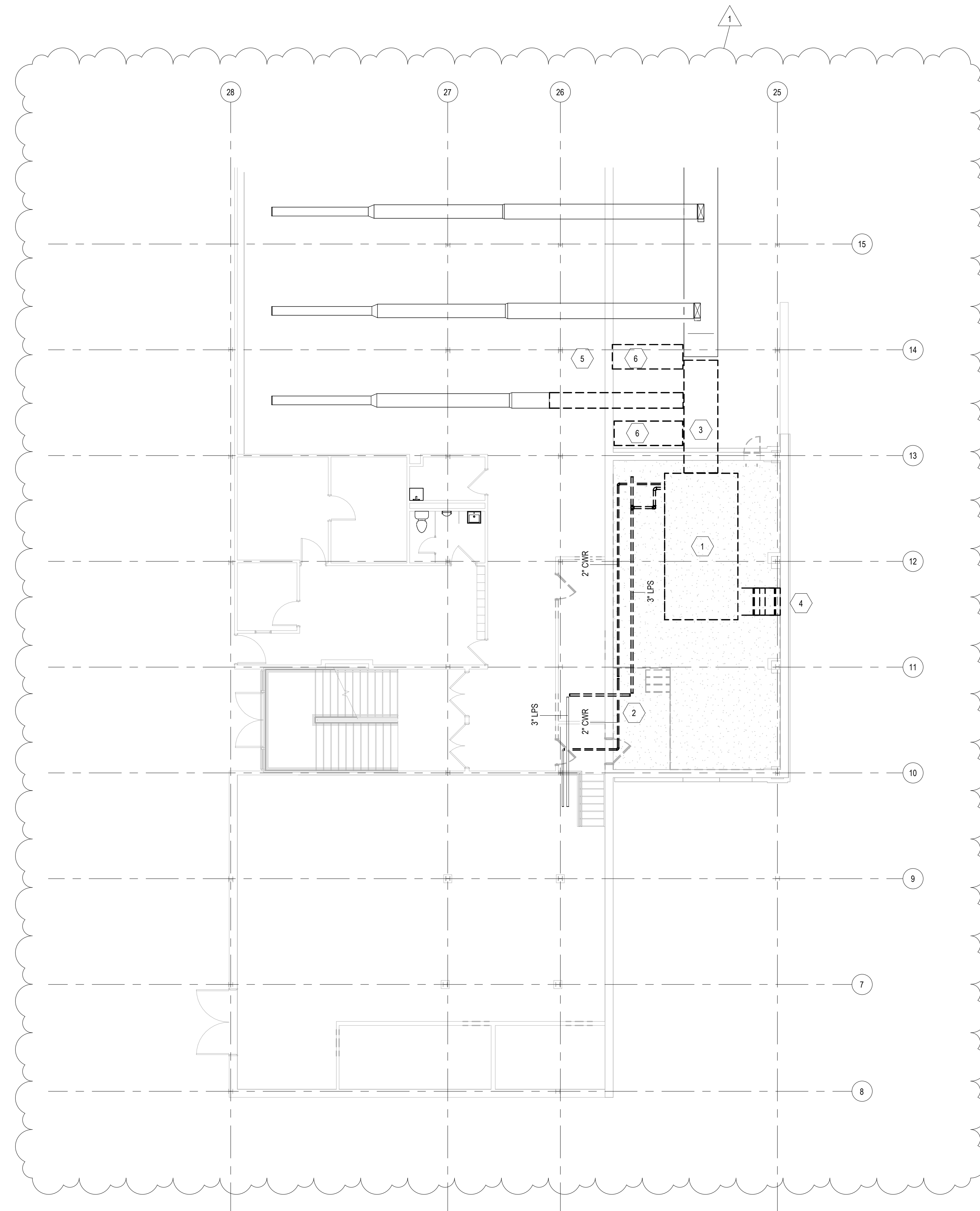
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Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 Drawn By:
 M. BEGIN
 Project Number:
 23.097

P200

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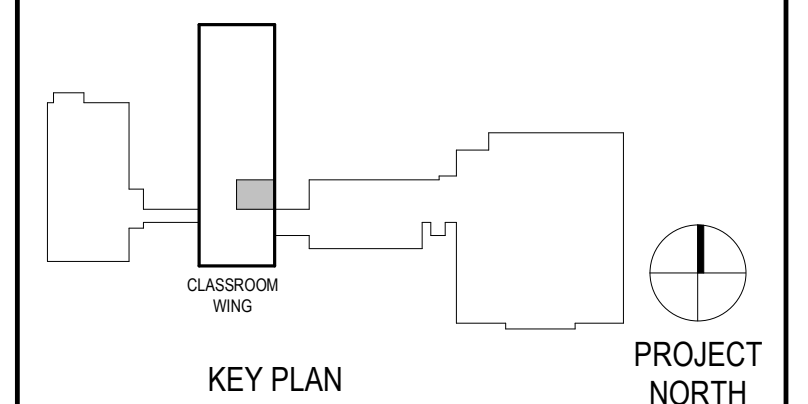


1 BASEMENT FLOOR DEMO PLAN
1/8" = 1'-0"

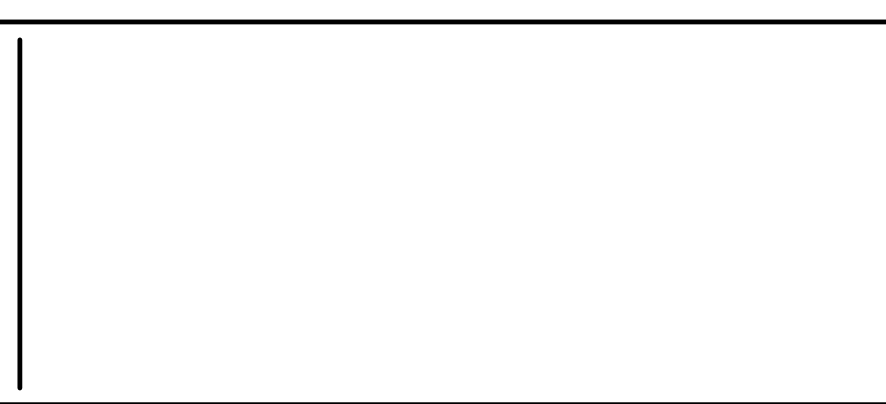
DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
==	EXISTING PIPING, DUCTWORK, OR EQUIPMENT TO BE REMOVED
---	EXISTING EQUIPMENT/PIPE/DUCT TO REMAIN

- DEMOLITION GENERAL NOTES**
- THE INTENT OF THIS DOCUMENT IS FOR THE CONTRACTOR TO REMOVE ALL EXISTING MECHANICAL EQUIPMENT, HOT WATER SUPPLY AND RETURN PIPING, SPECIALTIES AND ALL ASSOCIATED INSULATION AND HANGERS, DUCTWORK AND ASSOCIATED ACCESSORIES AND CONTROLS EXCEPT WHERE NOTED TO REMAIN.
 - THE DEMOLITION NOTES ARE FOR DESCRIPTIVE GUIDE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ITEMS WHETHER OR NOT INDICATED AND OR NOTED ON THE DRAWINGS. LOCATIONS AND QUANTITIES SHOWN ON THE DEMOLITION DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THE FULL EXTENT OF WORK.
 - NO WORK SHALL BE LEFT INCOMPLETE NOR ANY HAZARDOUS SITUATIONS CREATED WHICH WILL AFFECT THE LIFE OR SAFETY OF THE PUBLIC AND/OR BUILDING OCCUPANTS. AT NO TIME SHALL THE WORK INTERFERE WITH OR CUT OFF ANY OF THE EXISTING SERVICES WITHOUT THE OWNER'S WRITTEN PERMISSION.
 - WHEN NECESSARY TO TEMPORARILY DISCONNECT ANY EXISTING BUILDING UTILITIES AND PIPING SYSTEM, CONFER WITH THE OWNER AND ARRANGE THE PERIOD OF INTERRUPTION FOR A TIME MUTUALLY AGREED UPON.
 - ENSURE THAT POWER IS SECURED OFF PRIOR TO COMMENCING EQUIPMENT REMOVAL. SECURE POWER BACK TO THE PANEL FOR EQUIPMENT BEING REMOVED.
 - COORDINATE SHUTDOWN OF EXISTING SERVICES AND TAPPING OF EXISTING PIPING WITH OWNER'S MAINTENANCE PERSONNEL. NO WORK SHALL TAKE PLACE UNTIL DOING SO.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL TRADES.
 - SYSTEMS DEPICTED ARE BASED ON AS-BUILT DRAWINGS AND SITE INVESTIGATION. DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF SYSTEMS TO BE REMOVED.
 - ALL WASTE MATERIALS AND EQUIPMENT SHALL BE REMOVED FROM SITE AND LEGALLY DISPOSED BY THE CONTRACTOR. FOR MORE INFORMATION ON HANDLING HAZARDOUS MATERIALS, REFER TO THE ABATEMENT DRAWINGS AND PROJECT MANUAL.
 - INFILL ALL EXISTING FLOOR AND WALL PENETRATIONS THAT ARE NOT GOING TO BE REUSED WITH A MATERIAL WITH THE SAME WALL RATING AS THE EXISTING WALL. REFER TO THE ARCHITECTURAL DRAWINGS.

- DEMOLITION KEYNOTES (DXX)**
- REMOVE AND LEGALLY DISPOSE OF EXISTING AIR HANDLER UNIT AND ASSOCIATED CONTROLS/EQUIPMENT. ALLOW FOR CONNECTION OF EXISTING SUPPLY, OUTSIDE AIR, AND RETURN DUCTWORK TO NEW AIR HANDLER UNIT.
 - THE INTENT IS TO REMOVE EXISTING STEAM AND CONDENSATE PIPING WITHIN THE MECHANICAL ROOM TO PROVIDE ROOM FOR NEW ELEVATOR SHAFT AND NEW AIR HANDLER UNIT. DEMO ALL MECHANICAL PIPING, STEAM TRAPS, AND OTHER ACCESSORIES FROM THE COIL TO THE MAIN, AND THEN CAP. EXISTING HOT WATER PIPING TO REMAIN.
 - THE INTENT IS TO RETAIN AS MUCH OF THE STACKED EXISTING SUPPLY AND RETURN DUCTWORK AS FEASIBLE. REMOVE AND LEGALLY DISPOSE OF SUPPLY AND RETURN DUCTWORK FOR NO LESS THAN 26" AND NO GREATER THAN 30" PAST THE SUPPLY SIDE OF THE EXISTING UNIT UP. DUCTWORK REMOVAL SHOULD NOT EXCEED THE THIRD BRANCH OF DUCTWORK FEEDING THE CAFETERIA NOR PROCEED THE SECOND BRANCH OF DUCTWORK FEEDING THE CAFETERIA.
 - OUTSIDE AIR DUCTWORK TO BE REMOVED COMPLETELY. EXISTING PENETRATION INTO EXTERIOR AREAWAY TO REMAIN FOR NEW UNIT.
 - THE FIRST TWO SUPPLY BRANCHES FEEDING THE DIFFUSERS IN THE CAFETERIA TO BE PARTIALLY DEMOED TO ADJUST FOR NEW MECHANICAL ROOM WALL. ALL DIFFUSERS TO REMAIN. DEMO TO A REASONABLE POINT OF RECONNECTION IN THE CAFETERIA CEILING SPACE.
 - RETURN BRANCH DRAWING FROM SIDEWALL RETURN GRILLE IN THE CORRIDOR TO BE DEMOED TO ADJUST FOR NEW MECHANICAL ROOM WALL. RETURN GRILLE AND PENETRATION TO REMAIN.



PROJECT TITLE:
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 203 230 9007 silverpetrucci.com

REVISION	DESCRIPTION	DATE	REVISED BY
1	Addendum #3	3/09/2026	NF

DRAWING TITLE:
**MECHANICAL BASEMENT DEMOLITION
 PLAN**
 PROJECT SUBMISSION:
ISSUED FOR BID
 STATE PROJECT NUMBER:

DATE: 1/30/2025
 SCALE: As indicated
 DRAWN BY: N. FAWCETT
 PROJECT NUMBER: 23.097

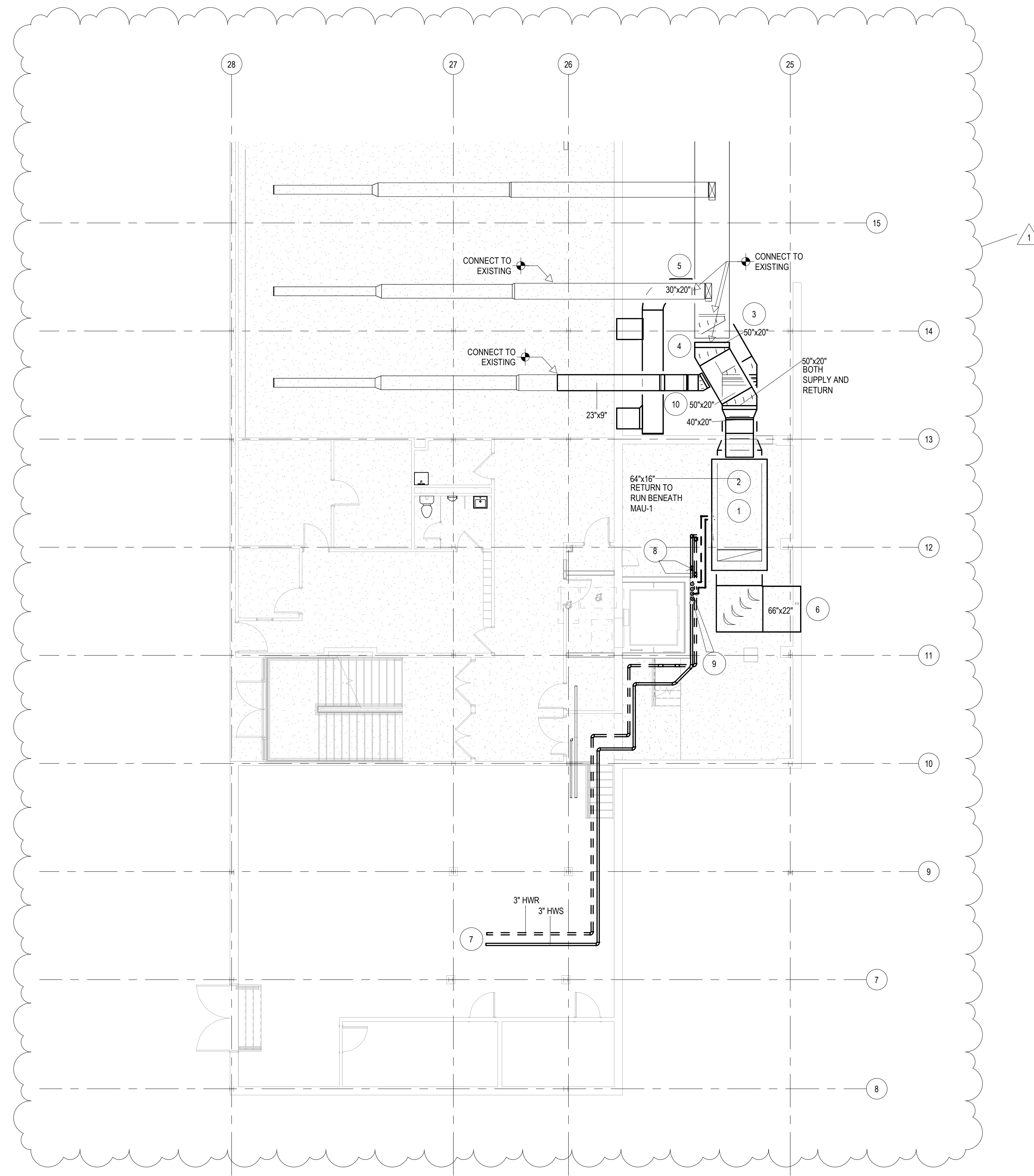
DRAWING NUMBER:
M010

MECHANICAL PLAN KEYNOTES

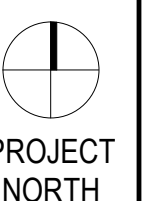
- 1 AIR HANDLING UNIT TO BE INSTALLED 2 TALL FRAME TO ALLOW FOR THE RETURN DUCTWORK TO RUN BENEATH THE UNIT. PROVIDE DUCT TRANSITIONS AND FLEXIBLE CONNECTIONS AT INLET AND DISCHARGE.
- 2 REFER TO DETAIL 1 ON DRAWING M300 FOR ROUTING OF SUPPLY, RETURN, AND OUTSIDE AIR DUCTWORK OFF OF MAU-1.
- 3 SUPPLY AND RETURN DUCTWORK TO TRANSITION ONCE PENETRATING NEW MECHANICAL ROOM WALL TO ALIGN WITH EXISTING SUPPLY AND RETURN TRUNKS. TRANSITION TO BE NO GREATER THAN 30 DEGREES. ONCE ALIGNED, SUPPLY AND RETURN DUCTS TO CONNECT TO EXISTING.
- 4 NEW SUPPLY LINE TO TAP OFF OF EXISTING SUPPLY TRUNK TO SUPPLY EXISTING SUPPLY LINES AND DIFFUSERS IN THE CAFETERIA. CONTRACTOR RESPONSIBLE FOR ALIGNING EXISTING AND NEW CONDITIONS.
- 5 NEW RETURN LINE TO TAP OFF OF EXISTING RETURN TRUNK TO ATTACH TO EXISTING RETURN GRILLE IN CORRIDOR. CONTRACTOR RESPONSIBLE FOR ALIGNING EXISTING RETURN GRILLE AND PENETRATION WITH NEW DUCTWORK.
- 6 OUTSIDE AIR DUCT TO PENETRATE INTO EXISTING AREAWAY. FURNISH PENETRATION WITH LOUVER AND BIRDSCREEN. MODIFY AREAWAY OPENING AS REQUIRED.
- 7 IT IS THE INTENT TO RUN NEW HOT WATER SUPPLY AND RETURN LINES FROM EXISTING STEAM-TO-HOT-WATER HEAT EXCHANGER IN BOILER TO MAU-1.
- 8 HOT WATER SUPPLY AND RETURN LINES TO RISE TO CEILING HERE TO MAINTAIN ACCESS TO SIDE OF MAU-1. BOTH LINES TO DROP TO REQUIRED ELEVATIONS WHEN IN LINE WITH HEATING COIL.
- 9 REFRIGERANT LINES DROPPING FROM ROOF TO STAY FLUSH WITH CEILING TO MAINTAIN ACCESS TO SIDE OF MAU-1. REFRIGERANT LINES TO DROP TO REQUIRED ELEVATIONS WHEN IN-LINE WITH COOLING COIL. LINE SIZES AND CONFIGURATION TO BE CONFIRMED BY THE MANUFACTURER.
- 10 NEW SUPPLY BRANCH DUCT RUNNING TO THE CAFETERIA TO RUN ABOVE NEW RETURN DUCT. NEW SUPPLY BRANCH DUCT TO DROP AND ANGLE AS NEEDED TO CONNECT TO SUPPLY MAIN AS LOCATED ON DRAWING.

MECHANICAL GENERAL NOTES

1. REFER TO DRAWING M001 FOR ADDITIONAL MECHANICAL NOTES.
2. CONTRACTOR TO PROVIDE ALL PENETRATIONS WITHIN WALLS, FLOORS, CEILINGS, ROOF, ETC. NECESSARY TO ACCOMMODATE NEW WORK.
3. CONTRACTOR TO PROVIDE ALL CONTROL DEVICES, RELAYS, SENSORS, PANELS, TRANSFORMERS, LOW VOLTAGE WIRING, PROGRAMMABLE CONTROLLERS, PROGRAMMING, ETC. NECESSARY TO ACHIEVE THE SEQUENCE OF OPERATION INDICATED IN PROJECT MANUAL.
4. EXISTING DUCTWORK TO REMAIN SHALL BE CLEANED, TESTED FOR LEAKAGE, AND SEALED AIR TIGHT.



1 BASEMENT DUCT FLOOR LEVEL
1/8" = 1'-0"



PROJECT TITLE:
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REVISION	DESCRIPTION	DATE	REVISED BY
1	Addendum #3	3/09/2026	NF

DRAWING TITLE:
MECH BASEMENT FLOOR PLAN

PROJECT SUBMISSION:
ISSUED FOR BID

STATE PROJECT NUMBER:

DATE:
 1/30/2025

SCALE:
 As indicated

DRAWN BY:
 N. FAWCETT

PROJECT NUMBER:
M110

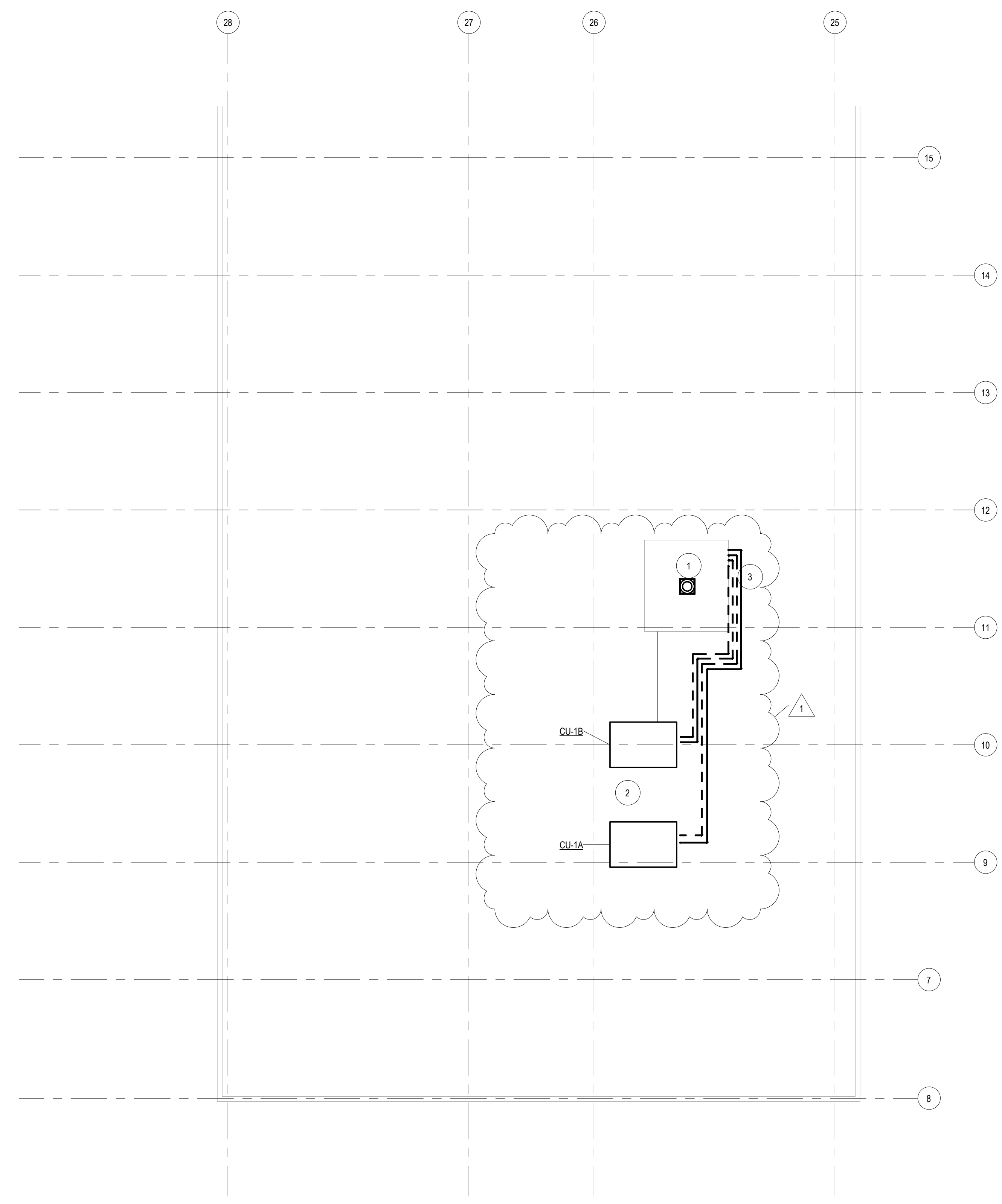
DRAWING NUMBER:

MECHANICAL PLAN KEYNOTES

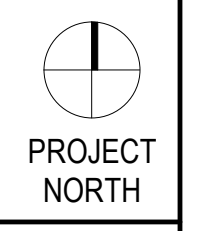
1. INSTALL GRAVITY RELIEF VENT CURB MOUNTED ON HOISTWAY ROOF. GREENWICK MODEL GRSR SIZE 12 WITH GRAVITY BACKDRAFT DAMPER, BIRD SCREEN, AND MANUFACTURERS ROOF CURB. VERIFY EXACT LOCATION ON ROOF IN FIELD.
2. CU-1A AND CU-1B TO BE MOUNTED ON NEOPRENE PAD.
3. REFRIGERANT PIPING TO PENETRATION ROOF AND DROP TO MECHANICAL ROOM THROUGH CHASE.

MECHANICAL GENERAL NOTES

1. REFER TO DRAWING M001 FOR ADDITIONAL MECHANICAL NOTES.
2. CONTRACTOR TO PROVIDE ALL PENETRATIONS WITHIN WALLS, FLOORS, CEILINGS, ROOF, ETC. NECESSARY TO ACCOMMODATE NEW WORK.
3. CONTRACTOR TO PROVIDE ALL CONTROL DEVICES, RELAYS, SENSORS, PANELS, TRANSFORMERS, LOW VOLTAGE WIRING, PROGRAMMABLE CONTROLLERS, PROGRAMMING, ETC. NECESSARY TO ACHIEVE THE SEQUENCE OF OPERATION INDICATED IN PROJECT MANUAL.
4. EXISTING DUCTWORK TO REMAIN SHALL BE CLEANED, TESTED FOR LEAKAGE, AND SEALED AIR TIGHT.




1 ROOF LEVEL
1/8" = 1'-0"



PROJECT TITLE:
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REVISION	DESCRIPTION	DATE	REVISED BY
1	Addendum #3	3/09/2026	NF

DRAWING TITLE:
MECH ROOF PLAN

PROJECT SUBMISSION:
ISSUED FOR BID

STATE PROJECT NUMBER:

DATE:
 1/30/2025

SCALE:
 As Indicated

DRAWN BY:
 J. Peckingham, N. Fawcett

PROJECT NUMBER:
M113

DRAWING NUMBER:
 23.007

MAKE-UP AIR HANDLING UNIT

TAG	AREA SERVED	MANUFACTURER AND MODEL	ELECTRICAL			SUPPLY AIR FAN				REFRIGERANT COIL										HOT WATER COIL						OUTSIDE AIR FILTRATION			OPERATING WEIGHT (LBS)	NOTES					
			VOLTS/Hz/Ph	MCA	MOCP	CFM	STATIC PRESS			NO. OF CIRCUITS	CAPACITY		EDB/WB (°F)	LDB/WB (°F)	FACE VEL (FPM)	MAX APD (IN WG)	ROWS	SUC TEMP (°F)	LIQ SIZE	SUC SIZE	CAPACITY (MBH)	EAT (°F)	LAT (°F)	MAX APD (IN WG)	EMT (°F)	LWT (°F)	GPM	MAX WPD (FT HD)			ROWS	PREFILTER TYPE	FINAL FILTERS		
							TSP (IN WG)	ESP (IN WG)	RPM		TOT MBH	SENS MBH																					LIQ SIZE	SUC SIZE	MID LIFE APD
MAU-1	LOWER LEVEL	TRANE CSA021	208/60/3	75	125	10,500	5.355	2.0	2011	1	600	379.97	87/71	54/52.13	505	1.093	8	44.85	-	-	933.75	8	90	0.169	180	160	93.25	7.71	2	2" PANEL MERV 8	0.65	4" BAG MERV 13	1.48	3,041	ALL

NOTES:
 1. SUPPLY FAN ESP INCLUDES 1.0 IN WG FOR LOADED FILTERS.
 2. AUTOMATIC TEMPERATURE CONTROLS COMPONENTS SHALL BE FACTORY INSTALLED BY UNIT MANUFACTURER. PROVIDE FACTORY BACNET INTERFACE FOR CONNECTION TO NEW BUILDING MANAGEMENT SYSTEM TO BE INSTALLED AS WORK OF FUTURE PROJECT. REFER TO SECTION 230900.
 3. INSTALL UNIT ON STEEL SUPPORT FRAME. SUPPORTS SHALL BE DESIGNED TO RESIST SEISMIC LOADS.
 4. FURNISH WITH 100% OUTSIDE AIR AND RETURN AIR DAMPERS.
 5. FURNISH WITH FACTORY DISCONNECT AND VFD FOR SUPPLY FAN.
 6. SUPPLY FAN MOTOR & DRIVE SHALL BE MOUNTED ON SPRING ISOLATORS.
 7. PROVIDE FREEZE-STAT ON DISCHARGE SIDE OF HOT WATER COIL.
 8. REFER TO SPEC SECTION 237416 FOR ADDITIONAL UNIT REQUIREMENTS.

CONDENSING UNIT

TAG	SERVES	MANUFACTURER & MODEL	MINIMUM COOLING PERFORMANCE WITH MATCHED COIL								ELECTRICAL			REFRIGERANT PIPING			REFRIGERANT	NUMBER OF COMPRESSORS	NUMBER OF STAGES	OPER. WEIGHT (LBS)	NOTES	
			NOMINAL CAPACITY (TONS)	SENSIBLE CAPACITY (MBH)	SYSTEM SUPPLY (CFM)	COIL EAT (DBWB)	SUCTION TEMP (°F)	AMBIENT AIR TEMP (°F)	MIN. EER	MIN. IER	VOLTS/Hz/Ph	MCA	MOCP	NO. OF CIRCUITS	LINE SIZE EACH CIRCUIT LIQUID	LINE SIZE EACH CIRCUIT SUCTION						
CU-1A	MAU-1	TRANE INTELLICORE RSLT 25	25	-	10,600	87/71	42.85	95	10.9	15.5	208/60/3	141	200	1	7/8	1-5/8	1-5/8	R454B	2	-	1898	ALL
CU-1B	MAU-1	TRANE INTELLICORE RSLT 25	25	-	10,600	87/71	42.85	95	10.9	15.5	208/60/3	141	200	1	7/8	1-5/8	1-5/8	R454B	2	-	1898	ALL

NOTES:
 1. PROVIDE REFRIGERANT TWO SETS OF LIQUID, SUCTION, AND HOT GAS LINES FROM CONDENSING UNIT TO MAU COILS. REFER TO MANUFACTURER'S INSTALLATION / APPLICATION MANUAL FOR REFRIGERANT PIPING REQUIREMENTS.
 2. PROVIDE LIQUID, SUCTION, AND HOT GAS LINE ISOLATION VALVES AT CONDENSING UNIT AND AIR HANDLING UNIT FOR EACH CIRCUIT.
 3. PROVIDE EXPANSION VALVE FOR EACH CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 4. REFRIGERANT LINES SIZES AND CONFIGURATION TO BE VERIFIED BY MANUFACTURER.
 5. INSTALL UNIT ON ROOF EQUIPMENT CURBS WITH SPRING VIBRATION ISOLATORS. PROVIDE SEISMIC AND WIND RESTRAINT.
 6. PROVIDE CONTROL WIRING IN CONDUIT FROM AIR HANDLING UNIT TO CONDENSING UNIT PER MANUFACTURER'S WIRING/CONTROL REQUIREMENTS.
 7. FOR EACH CIRCUIT, PROVIDE SOLENOID VALVES, THERMAL EXPANSION VALVES AND OTHER REQUIRED REFRIGERANT CIRCUIT COMPONENTS PER SPECIFICATIONS.
 8. FURNISH UNIT WITH SERVICE OUTLET.
 9. CU-1A AND CU-1B TO HAVE A MINIMUM OF 10 STAGES OF COOLING BETWEEN BOTH CONDENSING UNITS.

DUCT INSULATION SCHEDULE

SYSTEM	INSULATION TYPE	MINIMUM INSTALLED INSULATION VALUES	NOMINAL DENSITY
INDOOR DUCT/PLENUM CONCEALED SA, RA, OA- OTHER THAN PRE-MANUFACTURED LINEAR SUPPLY AND RETURN GRILLE PLENUMS.	MINERAL FIBER BLANKET	R-6	3/4 LB/FT ³
INDOOR DUCT/PLENUM EXPOSED SA AND RA LOCATED IN MECHANICAL ROOMS, OTHER NON-OCCUPIED SPACES, NON-AIR CONDITIONED SPACES, PASSING THROUGH AIR CONDITIONED SPACES.	MINERAL FIBER BOARD WITH REFLECTIVE VAPOR BARRIER.	R-6	3 LB/FT ³
INDOOR DUCT/PLENUM EXPOSED OA. ALL SPACES OTHER THAN ATTICS AND CRAWL SPACES	MINERAL FIBER BOARD WITH REFLECTIVE VAPOR BARRIER.	R-6	3 LB/FT ³
INDOOR DUCT/PLENUM EXPOSED SA, RA, OA, EA. ALL ATTIC SPACES AND CRAWL SPACES	MINERAL FIBER BOARD WITH REFLECTIVE VAPOR BARRIER.	R-12	3 LB/FT ³
INDOOR DUCT/PLENUM EXPOSED SA AND RA LOCATED WITHIN THE AIR-CONDITIONED SPACE IT SERVES.	NONE, UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATION.	-	-
DUCT LINING DUCTS INSTALLED OUTDOORS. ALL ATTIC SPACES AND CRAWL SPACES SA AND RA SA AND RA DUCTWORK WHERE INDICATED ON THE DRAWINGS AND IN THE SPECIFICATION. 15 FT DOWNSTREAM OF SUPPLY FANS, RETURN FANS AND 10 FT DOWNSTREAM OF TERMINAL BOXES WHETHER INDICATED OR NOT.	FIBROUS-GLASS DUCT LINER WITH CLEANABLE COMPOSITE COATING ON AIRSTREAM SIDE. METAL NOSING SHALL BE FURNISHED ON ALL LEADING AND LEAVING EDGES. (REFER TO NOTES #2, #4)	R-12	3 LB/FT ³
DUCT LINING DUCTS INSTALLED IN INDOOR SPACES. EXPOSED AND CONCEALED SA OR RA DUCTWORK WHERE INDICATED ON THE DRAWINGS AND IN THE SPECIFICATION. 15 FT DOWNSTREAM OF SUPPLY FANS, RETURN FANS AND 10 FT DOWNSTREAM OF TERMINAL BOXES WHETHER INDICATED OR NOT.	FIBROUS-GLASS DUCT LINER WITH CLEANABLE COMPOSITE COATING ON AIRSTREAM SIDE. METAL NOSING SHALL BE FURNISHED ON ALL LEADING AND LEAVING EDGES. (REFER TO NOTES #2, #4)	R-6	3 LB/FT ³
ABOVEGROUND, OUTDOOR DUCT/PLENUM CONCEALED OR EXPOSED SA, RA, AND OA.	MINERAL FIBER BOARD (REFER TO NOTE #1)	R-12	3 LB/FT ³
BURIED DUCTWORK SUPPLY & RETURN	FIBROUS-GLASS DUCT LINER WITH CLEANABLE COMPOSITE COATING ON AIRSTREAM SIDE. METAL NOSING SHALL BE FURNISHED ON ALL LEADING AND LEAVING EDGES. (REFER TO NOTES #2, #4)	R-12	3 LB/FT ³
EXHAUST AIR SYSTEMS DRYER, LABORATORY FUME HOOD, KILN AND ALL OTHER EXHAUST SYSTEMS WHERE FIRE, SMOKE AND FIRE/SMOKE DAMPERS ARE NOT PERMITTED TO BE INSTALLED WITHIN THE DUCTWORK.	FIRE-RATED BLANKET OR BOARD (REFER TO NOTE #5)	THICKNESS REQUIRED FOR 2-HR FIRE RATING	-

1. FOR OUTDOOR DUCTWORK PROVIDE A PRE-MANUFACTURED SELF-ADHERING PRODUCT WITH AN UV RESISTANT, STUCCO EMBOSSED FINISH. WATER VAPOR TRANSMISSION OF THE INSTALLED PRODUCT SHALL BE .020 PERMS OR LESS. PRODUCT SHALL BE SUITABLE FOR CONTINUOUS USE IN LOW TEMPERATURES OF -10°F. MANUFACTURERS SHALL BE SIMILAR TO FLEX-CLAD 400, MFM BUILDING PRODUCTS CORP. OR ALUMAGUARD 60, POLYGLARD PRODUCTS, INC.
 2. DUCT LINING SHALL NOT BE INSTALLED WITHIN 10 FT UPSTREAM OR DOWNSTREAM OF A DUCT MOUNTED HUMIDIFIER DISPERSION TUBE OR DISPERSION GRID.
 3. INSULATION TYPES INDICATED IN THE SCHEDULE SHALL USED UNLESS OTHERWISE INDICATED ON THE PLANS OR SPECIFICATIONS.
 4. CLOSED CELL, FIBER FREE, ANTI-MICROBIAL COATED, LOW VOC CERTIFIED, MOISTURE AND MOLD RESISTANT DUCT LINING SHALL BE PROVIDED IN DUCTWORK AND EQUIPMENT WITHIN HOSPITAL AND HEALTHCARE FACILITIES AND ROOMS CLASSIFIED AS MOIST OR WET ENVIRONMENTS WHERE THIS SCHEDULE, DRAWINGS AND SPECIFICATION INDICATE DUCT LINING.
 5. DUCTWORK SHALL BE FIRE WRAPPED FROM THE APPLIANCE CONNECTION TO THE TERMINATION POINT.
 ABBREVIATIONS:
 OA = OUTDOOR AIR DUCTWORK
 SA = SUPPLY AIR DUCTWORK
 RA = RETURN AIR DUCTWORK
 EA = EXHAUST AIR DUCTWORK

PIPE/TUBE INSULATION SCHEDULE

SYSTEM	LOCATION	PIPE SIZE	CELLULAR GLASS	FLEXIBLE ELASTOMERIC	MINERAL-FIBER TYPE 1	CALCIUM SILICATE
CONDENSATE & EQUIPMENT DRAIN, BELOW 60°F	INDOOR	ALL	1-1/2"	--	1/2"	--
	OUTDOOR	ALL	1-1/2"	--	--	--
REFRIGERANT (ALL) SUCTION, HOT GAS, VAPOR, & LIQUID PIPING	INDOOR	ALL	2"	2"	2"	--
	OUTDOOR	ALL	2"	2"	--	--
REFRIGERANT (ALL) SUCTION, HOT GAS, VAPOR, & LIQUID FLEXIBLE TUBING	INDOOR	ALL	--	2"	--	--
	OUTDOOR	ALL	--	2"	--	--

BLANKS (-) INDICATE INSULATION TYPE SHALL NOT BE USED. THICKNESS BASED ON INSULATION HAVING A CONDUCTIVITY (K) NOT EXCEEDING 0.27 BTU PER INCH*HBT*9°F
 1. ALL EXPOSED INDOOR PIPING/TUBING AND FITTINGS WITHIN OCCUPIED SPACES, CORRIDORS, MECHANICAL ROOMS AND OTHER NON-CONCEALED LOCATIONS SHALL BE FITTED WITH PVC FITTING COVERS AND PVC PIPE COVERS FROM THE FLOOR LEVEL TO 12" ABOVE THE FINISHED FLOOR. PVC FITTING AND PIPE COVERS SHALL BE 25/50 FLAME AND SMOKE SPREAD RATED. COVERS AND JACKETING COLOR TO BE SELECTED BY ARCHITECT. PROVIDE TEMPLATE OF JACKET COLORS FOR THE ARCHITECT'S REVIEW.
 2. ALL ELBOWS, CONCEALED OR EXPOSED, SHALL BE INSULATED WITH PRE-MOLDED, FACTORY FORMED FIBROUS GLASS WITH 3.5 PCF MINIMUM DENSITY AS MANUFACTURED BY HANFAB OR APPROVED EQUAL. ALL ELBOWS, CONCEALED OR EXPOSED, SHALL BE COVERED WITH PVC FITTING COVERS. PVC FITTING COVERS SHALL BE 25/50 FLAME AND SMOKE SPREAD RATED. COVER COLOR TO BE SELECTED BY ARCHITECT. PROVIDE TEMPLATE OF JACKET COLORS FOR THE ARCHITECT'S REVIEW.
 3. DIAPER AND LOOSE FILL STYLE INSULATION ON PIPE FITTINGS IS NOT ACCEPTABLE. ELBOWS WITHOUT PVC COVERS ARE NOT ACCEPTABLE.
 4. INSULATE ALL COILS MOUNTED IN DUCTWORK OR TERMINAL BOXES. INSULATION THICKNESS SHALL BE EQUAL TO THE ASSOCIATED DUCT INSULATION THICKNESS.
 5. ALL OUTDOOR PIPING/TUBING SHALL BE FITTED WITH A PRE-MANUFACTURED ALUMINUM JACKET PRODUCT. 0.024" ALUMINUM JACKET LOCK-ON OR SLIP-ON TYPE JACKETING TO BE COVERED WITH ACRYLIC COATING ON THE OUTER SURFACE AND A BAKED EPOXY MOISTURE BARRIER ON THE INNER SURFACE. MANUFACTURER SHALL BE SIMILAR TO CHILDERS PRODUCTS, DIVISION OF ITW; METAL JACKETING SYSTEMS. ALL EXPOSED JOINTS IN THE JACKET PRODUCT SHALL BE INSTALLED IN SUCH A WAY AS TO PREVENT THE INFILTRATION OF MOISTURE AND WATER.
 6. ALL BURIED PIPING/TUBING SHALL BE FITTED WITH A PRE-MANUFACTURED ALUMINUM JACKET PRODUCT. 0.024" ALUMINUM JACKET LOCK-ON OR SLIP-ON TYPE JACKETING TO BE COVERED WITH ACRYLIC COATING ON THE OUTER SURFACE AND A BAKED EPOXY MOISTURE BARRIER ON THE INNER SURFACE. MANUFACTURER SHALL BE SIMILAR TO CHILDERS PRODUCTS, DIVISION OF ITW; METAL JACKETING SYSTEMS.

PROJECT TITLE:
**ADA IMPROVEMENTS / ELEVATOR AT:
 WESTERN MIDDLE SCHOOL
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830**



SILVER PETRUCCI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
 203 230 9007 silverpetrucci.com

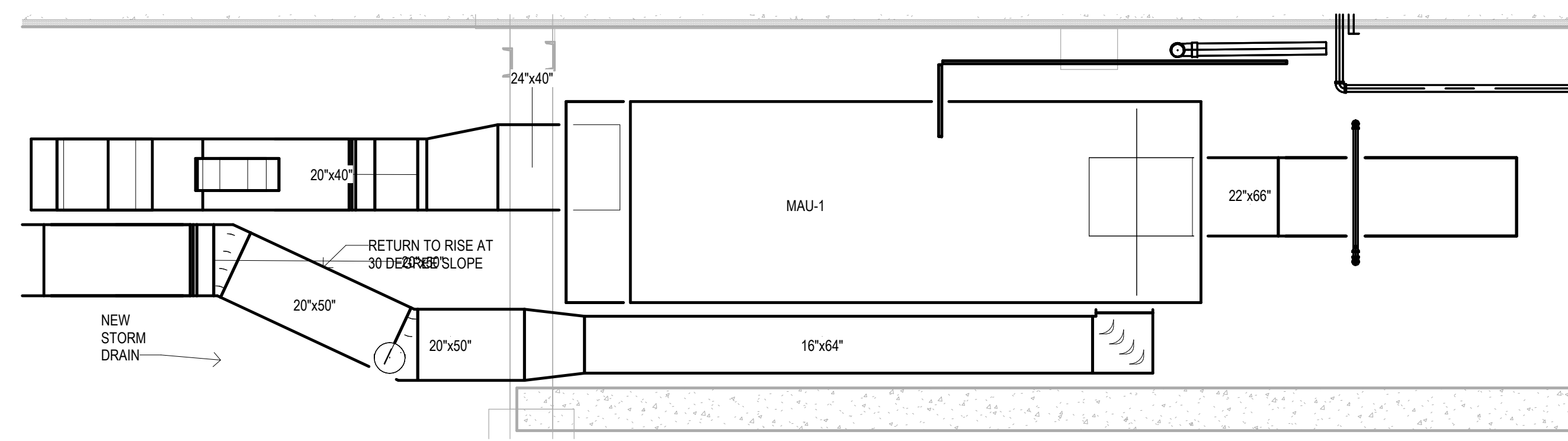
REVISION	DESCRIPTION	DATE	REVISED BY
1	Addendum #3	3/09/2026	NF

DRAWING TITLE:
MECH SCHEDULES

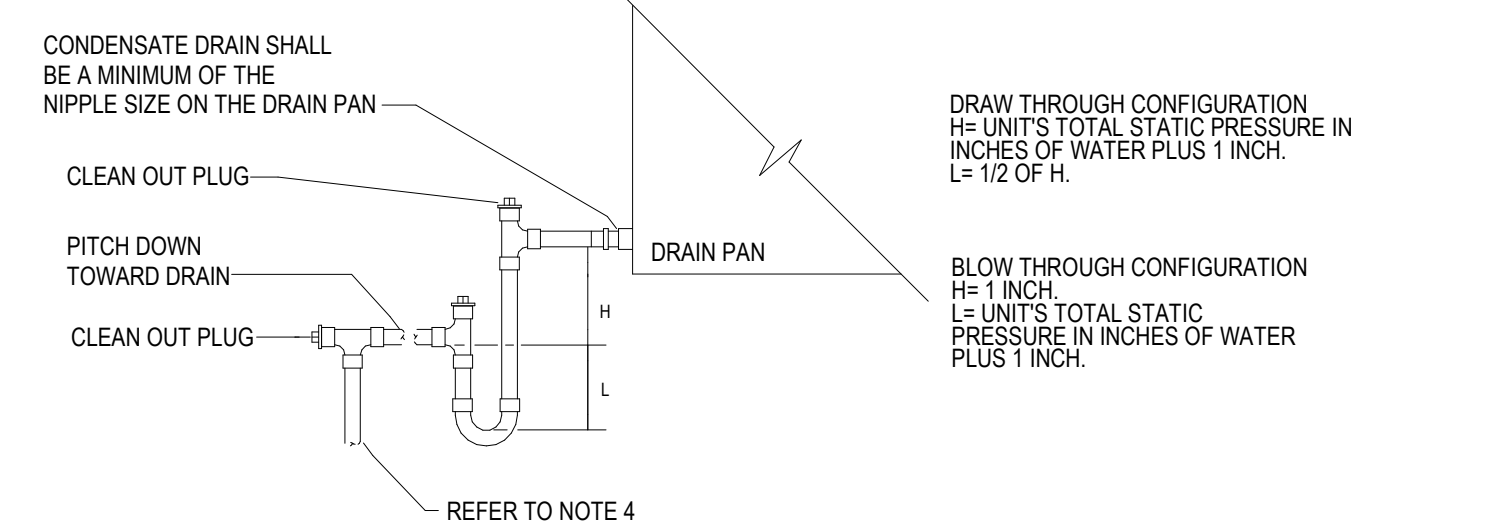
PROJECT SUBMISSION:
ISSUED FOR BID

DATE: 1/30/2025
 SCALE: 3" = 1'-0"
 DRAWN BY: N. FAWCETT/J. PECKINGHAM
 PROJECT NUMBER: 23.097

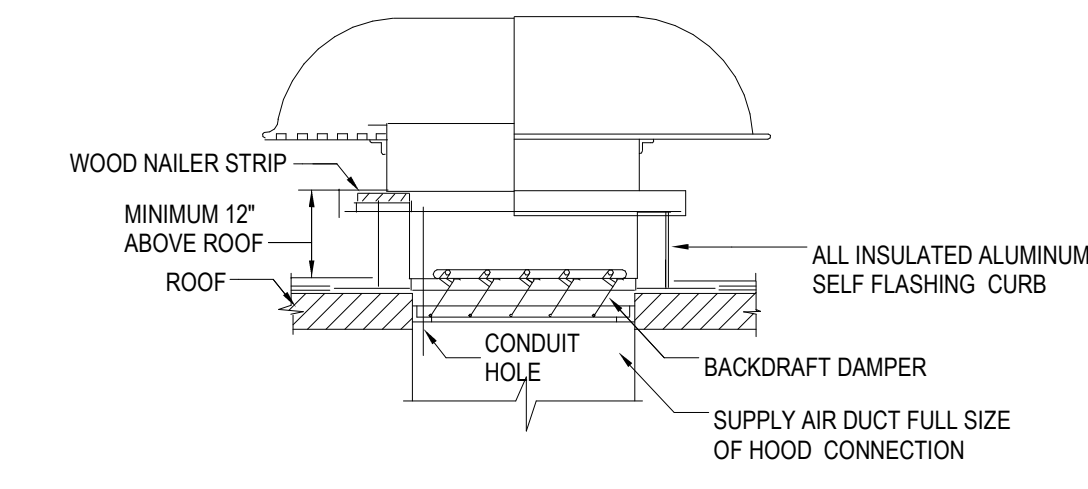
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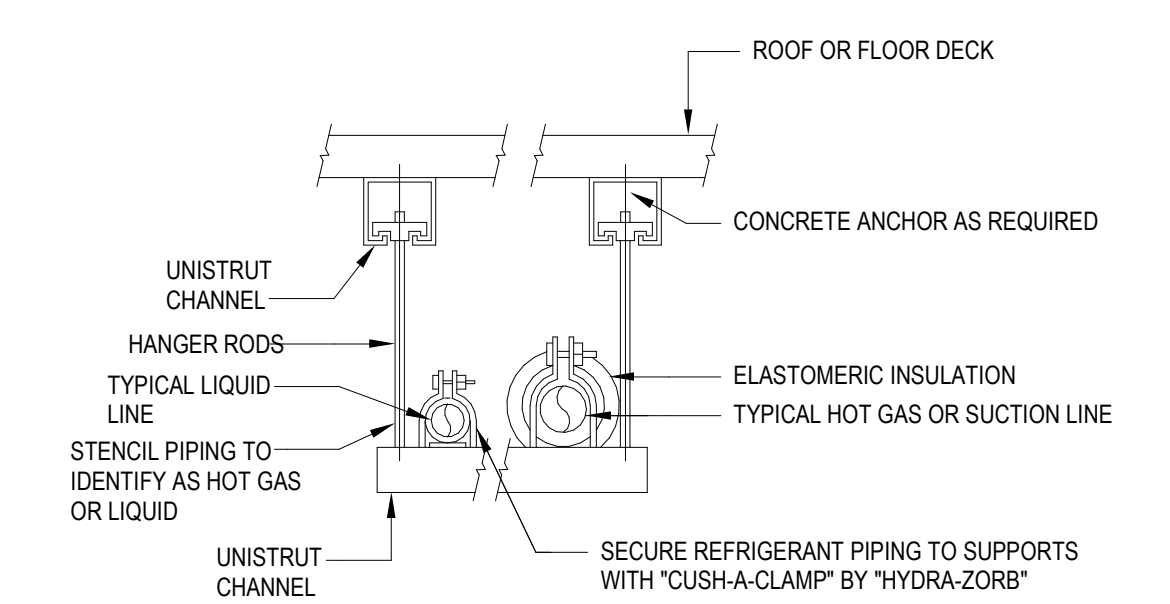
1 MAU-1 DUCTWORK SECTION
3/8" = 1'-0"



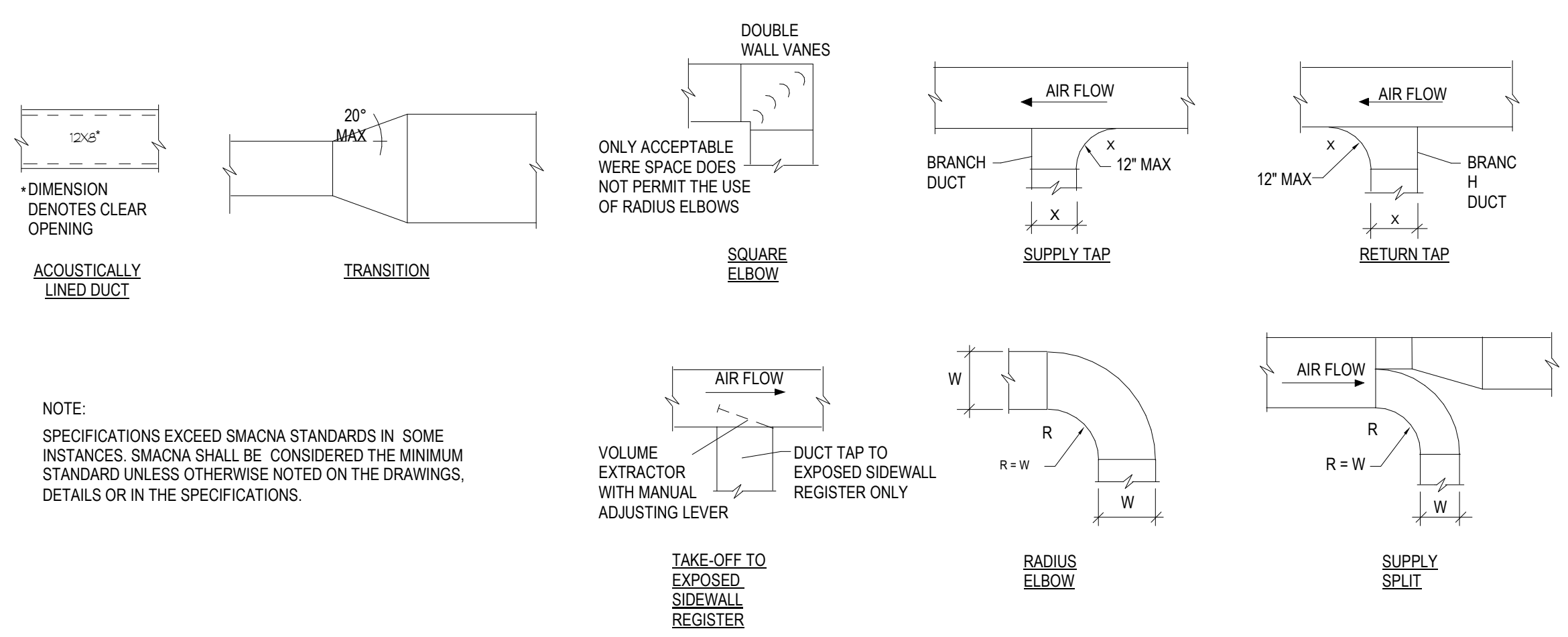
2 COILING COIL DRAIN DETAIL
3" = 1'-0"



3 ROOF INTAKE/EXHAUST INSTALLATION DETAIL
3" = 1'-0"



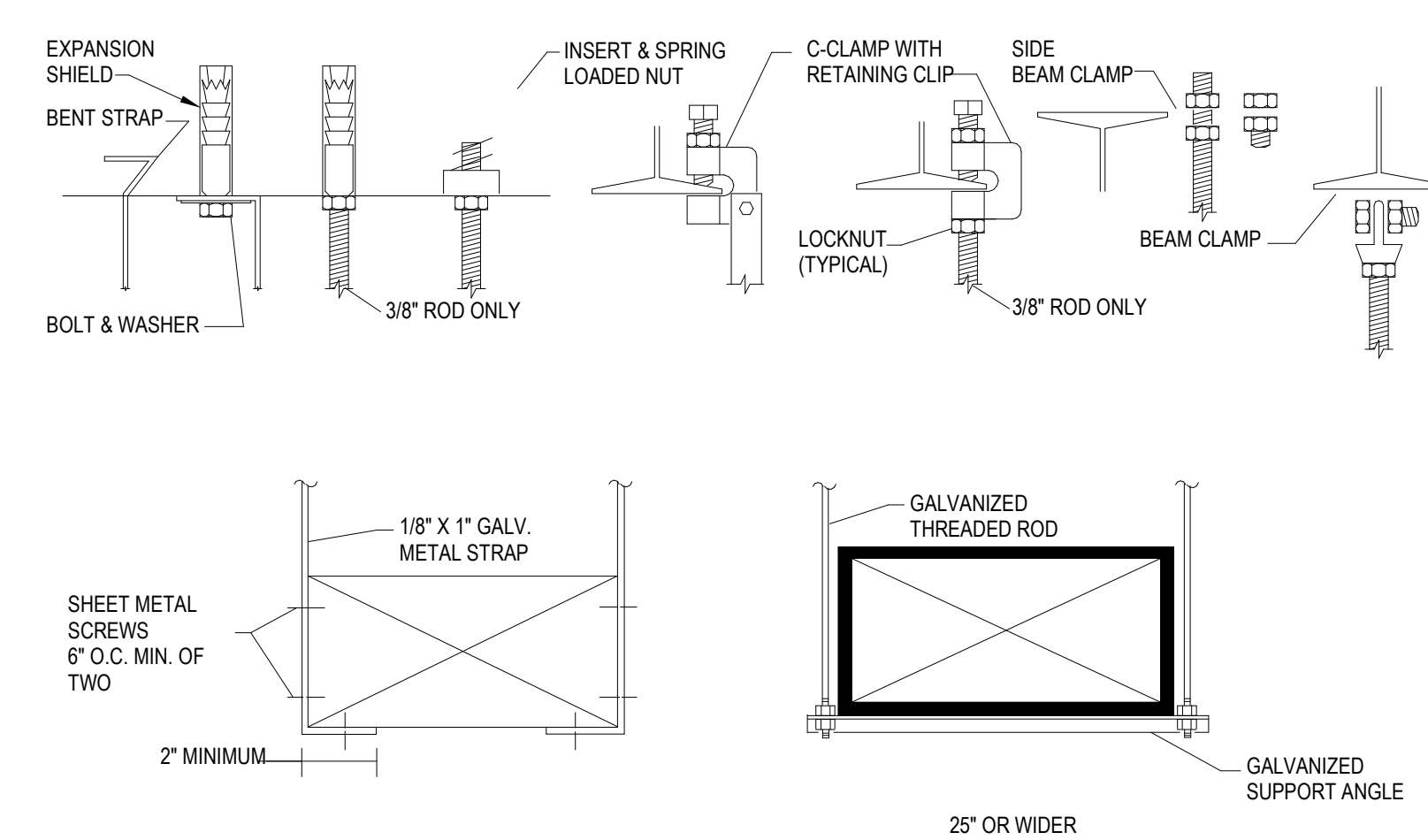
6 TRAPEZE PIPE HANGING DETAIL
3" = 1'-0"



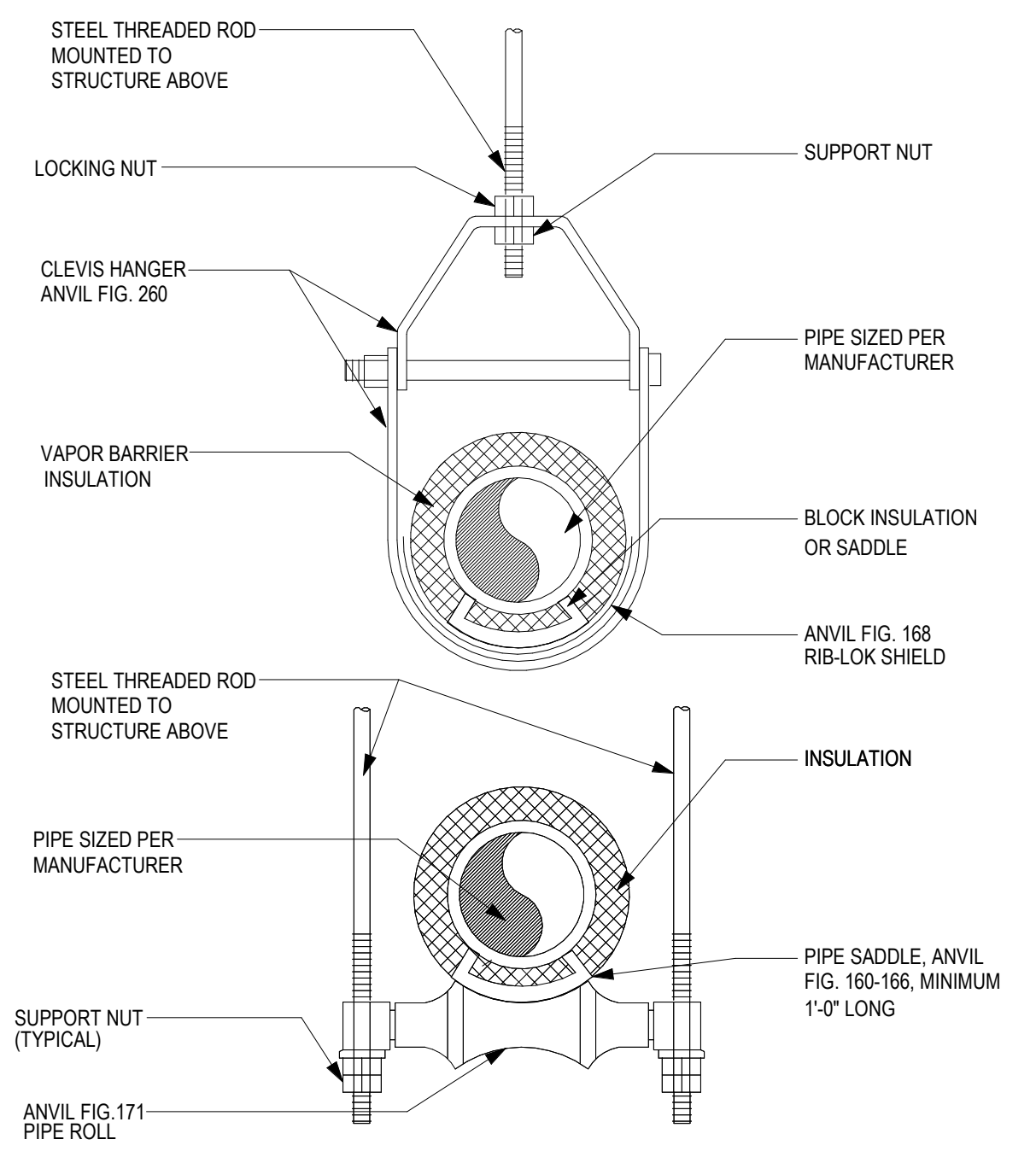
4 DUCT CONSTRUCTION DETAIL
3" = 1'-0"

DUCT WIDTH	SUPPORT ANGLE OR EQUIV. CHANNEL	ROD DIA.	MAXIMUM SPACING	MAXIMUM AREA *
25" TO 30"	1 1/2" X 1 1/2" X 1/8"	3/8"	6'-0" O.C.	4 SQ. FT.
31" TO 42"	1 1/2" X 1 1/2" X 1/8"	3/8"	6'-0" O.C.	10 SQ. FT.
43" TO 62"	1 1/2" X 1 1/2" X 1/8"	1/2"	6'-0" O.C.	10 SQ. FT.
61" TO 84"	2" X 2" X 1/4"	1/2"	4'-0" O.C.	-
85" AND UP	2" X 2" X 1/4"	1/2"	4'-0" O.C.	-

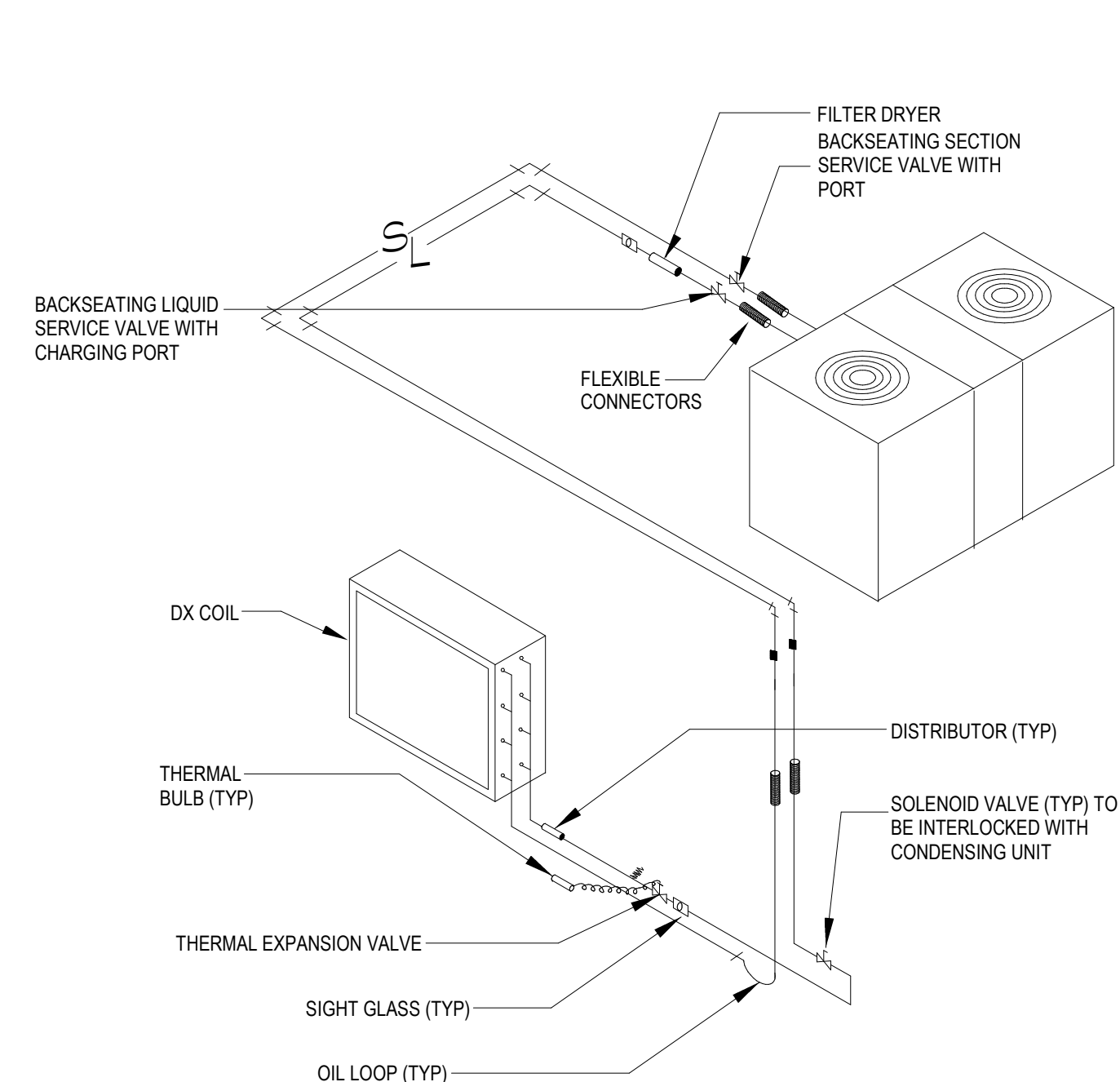
* REDUCE SPACING TO NEXT SMALLER INTERVAL IF DUCT AREA EXCEEDS MAXIMUM



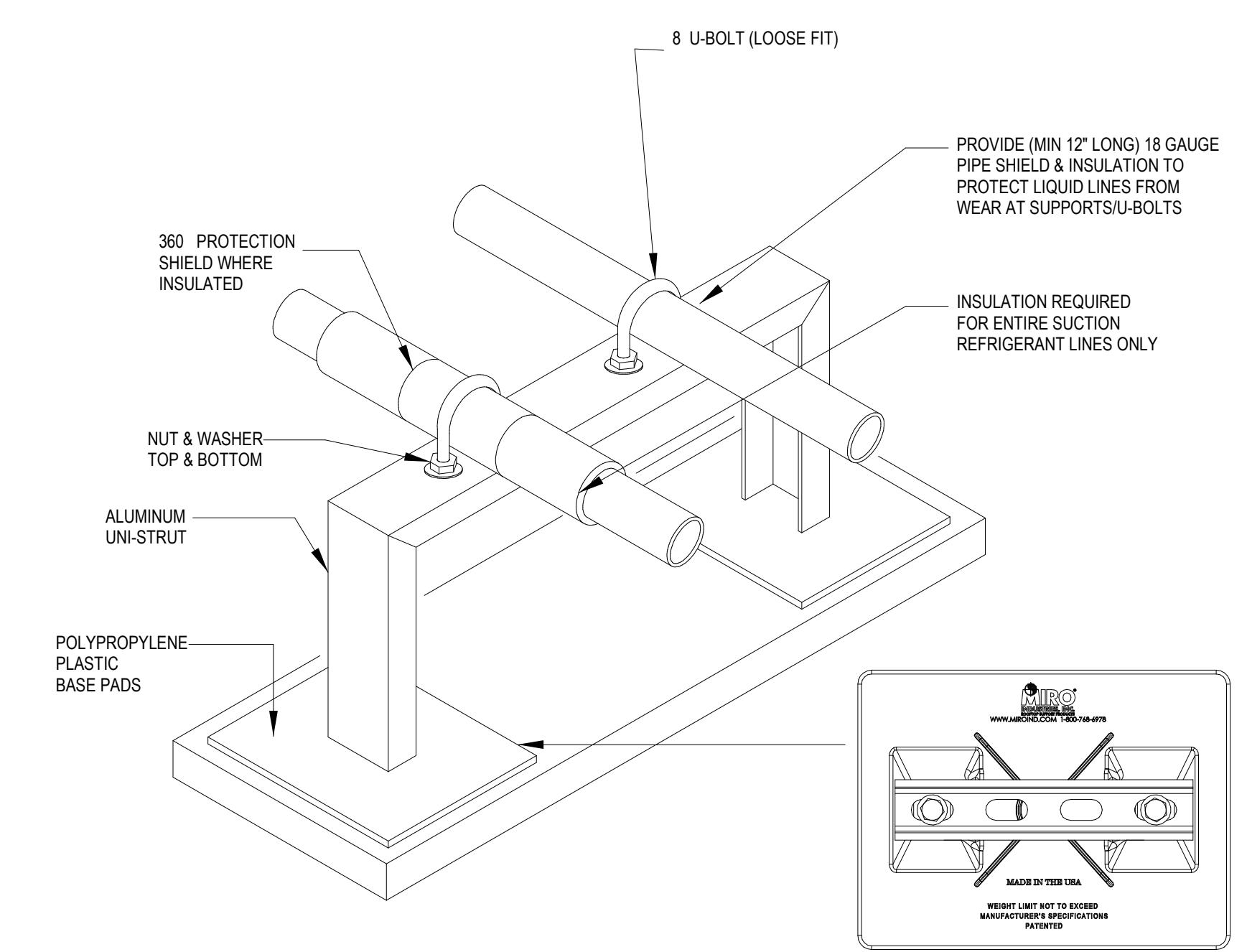
5 DUCT SUPPORT DETAIL
3" = 1'-0"



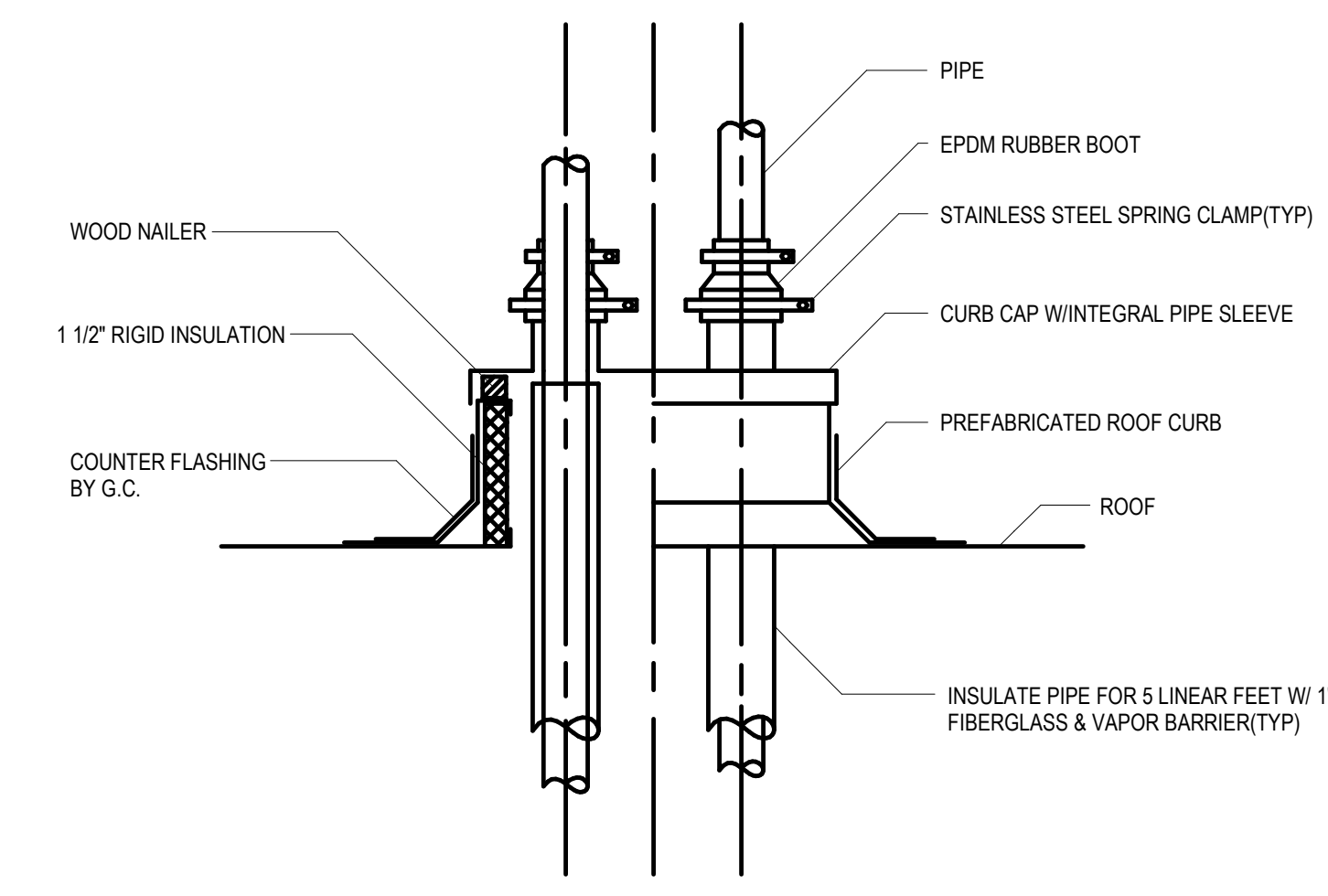
7 PIPE HANGING DETAIL
1/8" = 1'-0"



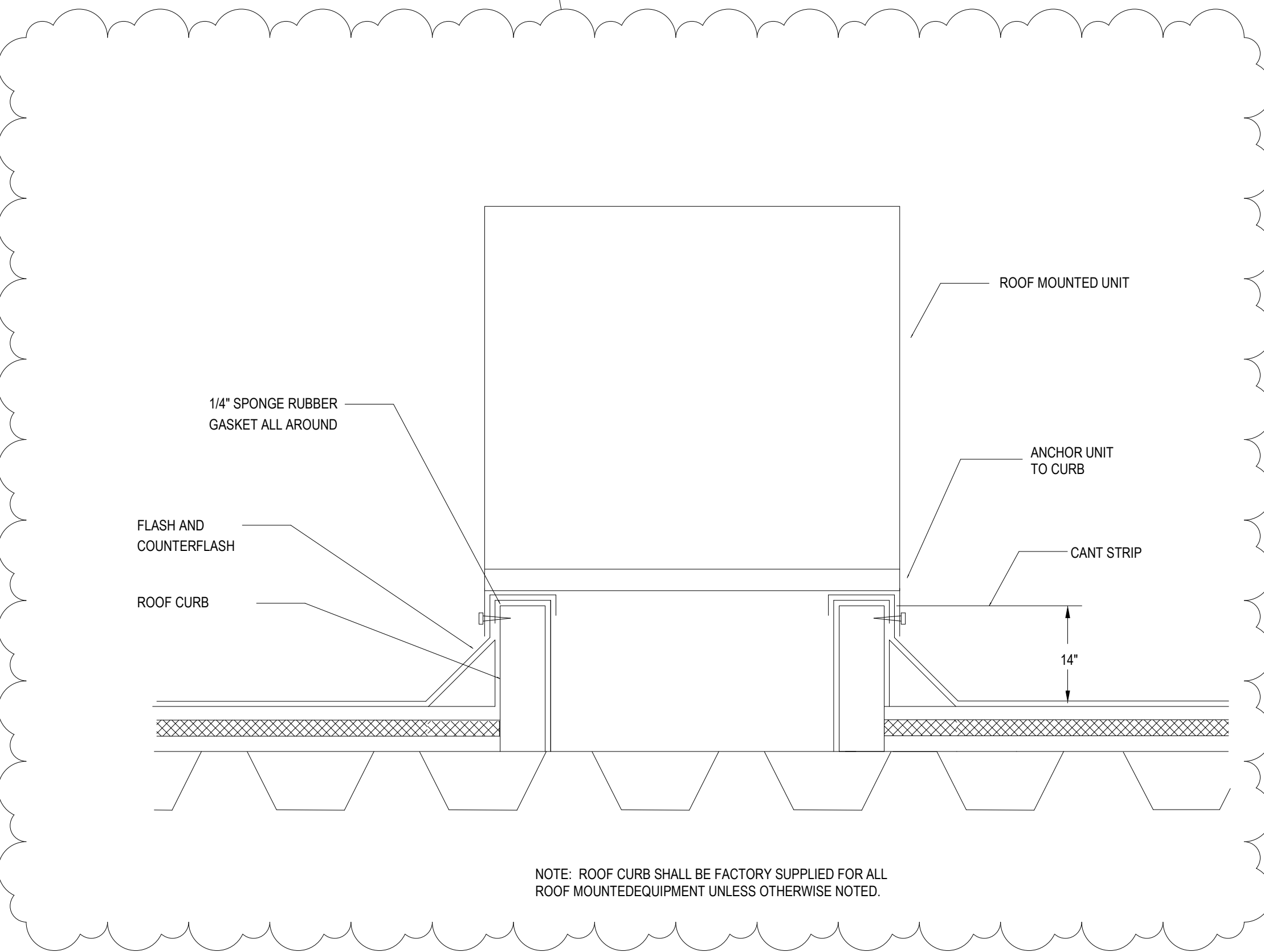
8 REFRIGERANT PIPING
1/8" = 1'-0"



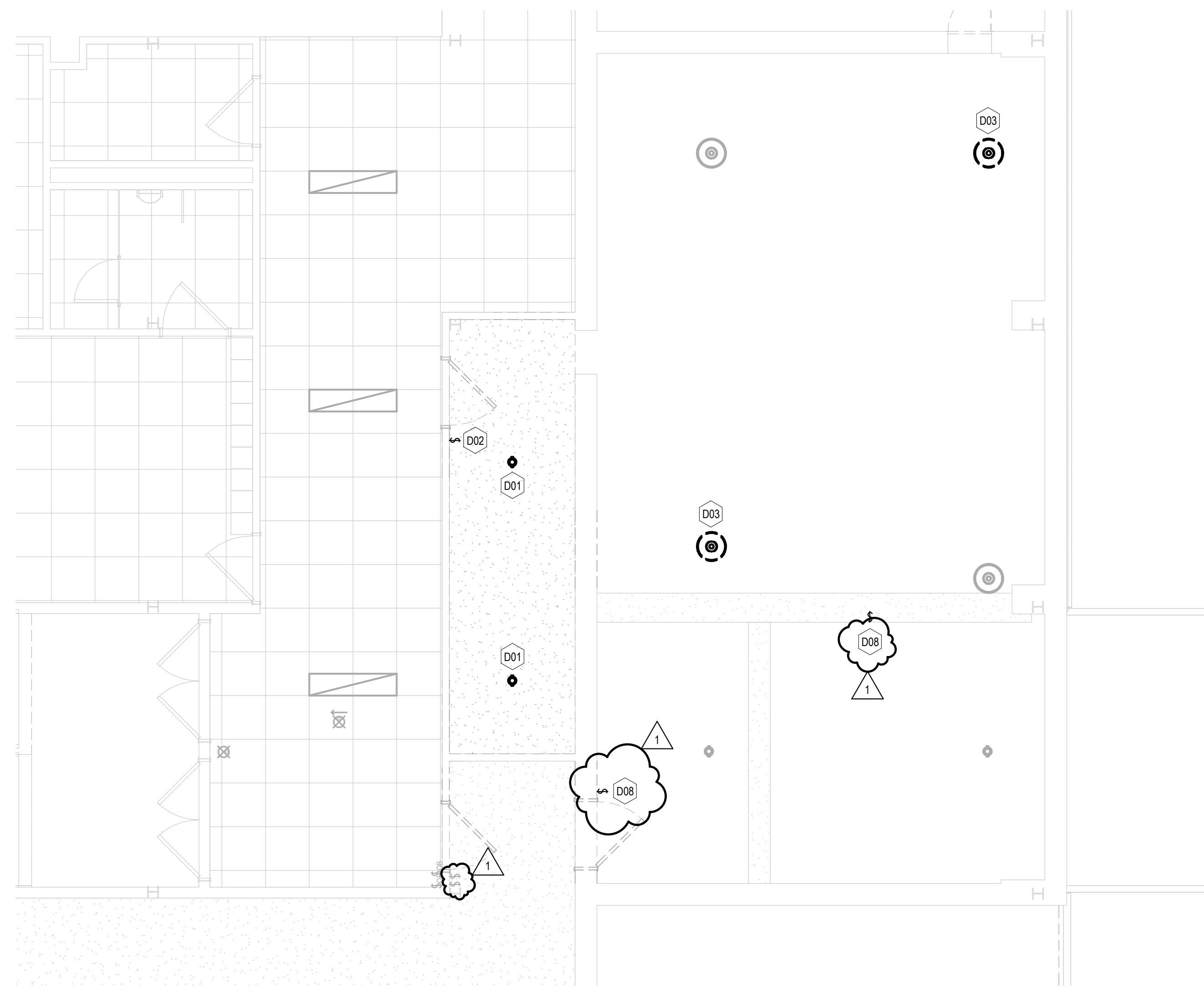
9 REFRIGERANT PIPING ROOF SUPPORT
1/8" = 1'-0"



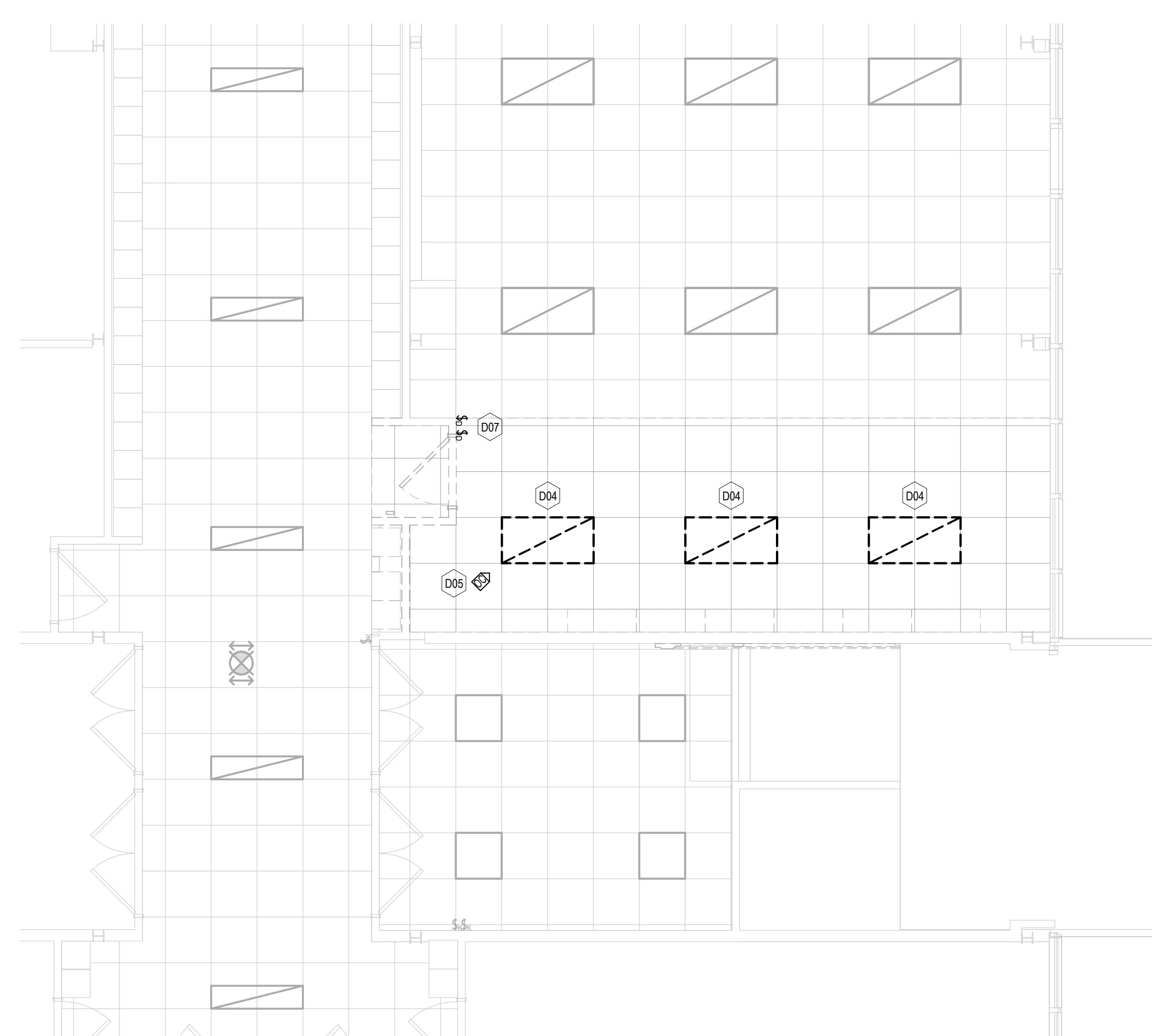
10 PIPING ROOF PENETRATION DETAIL
1/8" = 1'-0"



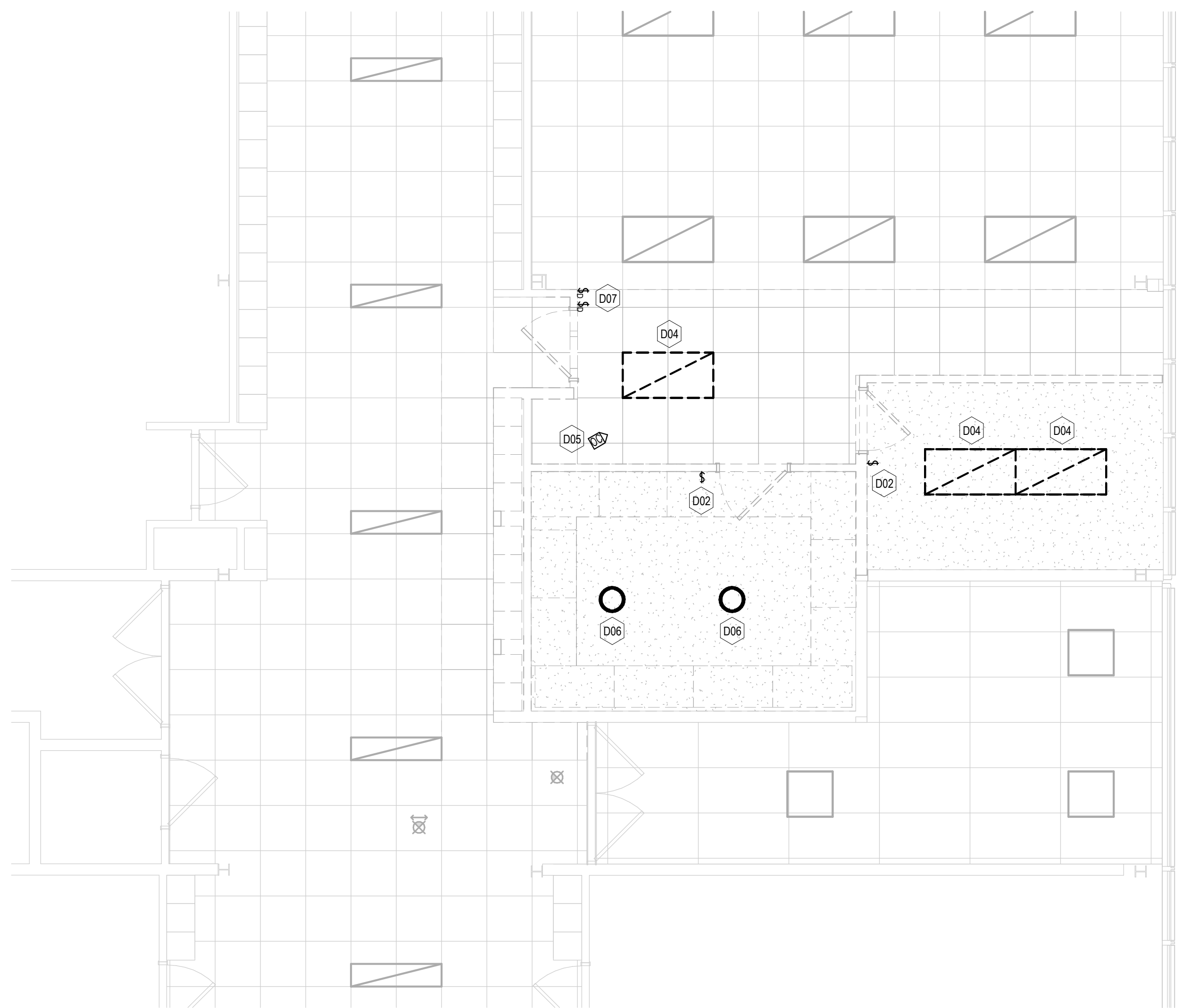
11 EQUIPMENT ROOF CURB DETAIL
3" = 1'-0"



1 PARTIAL LOWER LEVEL DEMOLITION PLAN - LIGHTING
1/4" = 1'-0"



2 PARTIAL MAIN LEVEL DEMOLITION PLAN - LIGHTING
1/4" = 1'-0"



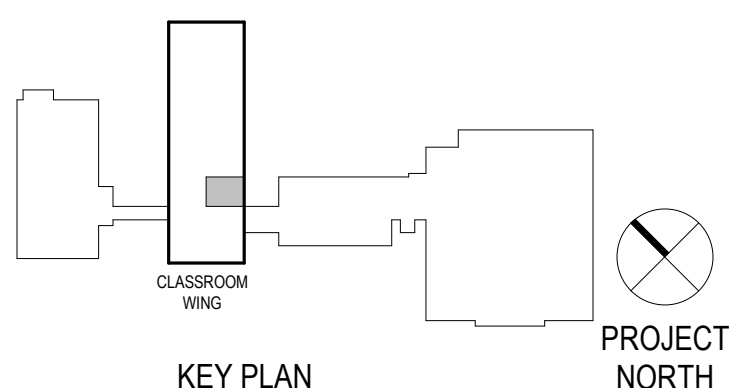
3 PARTIAL UPPER LEVEL DEMOLITION PLAN - LIGHTING
1/4" = 1'-0"

LIGHTING DEMOLITION NOTES

- REFER TO DRAWING E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL EXISTING LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY SENSORS AND LIGHT SWITCHES SHOWN HALF-TONE (LIGHT ARE EXISTING TO REMAIN AND SHALL REMAIN WIRED). CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THIS RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.
- ALL EXISTING LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY SENSORS AND LIGHT SWITCHES SHOWN SOLID OR DASHED DARK ARE EXISTING TO BE REMOVED. ALL EXISTING CONTROL WIRING TO THESE DEVICES SHALL BE REMOVED COMPLETELY. SOME EXISTING BRANCH CIRCUITS WILL BE USED TO SERVE NEW FIXTURES AND SWITCHES. REMAINING BRANCH CIRCUITS SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. REFER TO NEW LIGHTING PLAN FOR MORE INFORMATION.
- ALL EXISTING RECESSED DEVICES REMOVED AND NO NEW DEVICE INSTALLED IN THE SAME LOCATION SHALL HAVE A METAL BLANK PLATE INSTALLED OVER THE EXISTING RECESSED BACK BOX AND SHALL BE PAINTED TO MATCH THE EXISTING WALL.

DEMOLITION KEY NOTES

- D01** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE/PENDANT MOUNTED SCREW-IN BULB LIGHT FIXTURE AND ALL ASSOCIATED CONTROL WIRING. EXISTING BRANCH CIRCUIT WIRING SHALL BE MADE SAFE TO SERVE NEW LED LIGHT FIXTURE(S) IN THIS ROOM ALONG WITH NEW LIGHTING CONTROLS.
- D02** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING RECESSED MOUNTED "TOGGLE" TYPE LIGHT SWITCHES IN THIS LOCATION INCLUDING COVER PLATE AND ALL ASSOCIATED CONTROL WIRING. ALSO REMOVE EXISTING RECESSED BACK BOX AND CONDUIT COMPLETELY.
- D03** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING PENDANT/STEM MOUNTED "RIM" TYPE LIGHT FIXTURE AND ALL ASSOCIATED CONTROL WIRING. EXISTING BRANCH CIRCUIT WIRING SHALL BE MADE SAFE TO SERVE NEW LED LIGHT FIXTURE(S) IN THIS ROOM ALONG WITH NEW LIGHTING CONTROLS.
- D04** CONTRACTOR SHALL DISCONNECT, REMOVE AND STORE EXISTING RECESSED MOUNTED 2x4 CENTER LENS FIXTURE AND ALL ASSOCIATED CONTROL WIRING. EXISTING BRANCH CIRCUIT SHALL BE MADE SAFE TO SERVE NEW LED LIGHT FIXTURE(S) IN THIS AREA ALONG WITH NEW LIGHTING CONTROLS.
- D05** CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING CEILING MOUNTED OCCUPANCY SENSOR AND ASSOCIATED CONTROL WIRING.
- D06** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED ROUND DRUM LIGHT FIXTURE AND ALL ASSOCIATED CONTROL WIRING. EXISTING BRANCH CIRCUIT SHALL BE MADE SAFE TO SERVE NEW LED LIGHT FIXTURE(S) IN THIS AREA ALONG WITH NEW LIGHTING CONTROLS.
- D07** CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING RECESSED MOUNTED LIGHT SWITCHES INDICATED AND ASSOCIATED CONTROL WIRING TO RESERVE EXISTING LIGHT FIXTURE TO REMAIN.
- D08** CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED "TOGGLE" TYPE LIGHT SWITCH IN THIS LOCATION INCLUDING COVER PLATE AND RECESSED BACK BOX AND VERTICAL CONDUIT COMPLETELY. EXISTING CONTROL WIRING SHALL REMAIN AND BE PROTECTED DURING RENOVATION TO BE RECONNECTED TO NEW SWITCHES (REFER TO DRAWING E111 FOR LOCATIONS).



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Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	03/09/2026	SEC

Drawing Title:
DEMOLITION FLOOR PLANS - LIGHTING

Project Submission:
ISSUED FOR BID

State Project Number:
 23.097

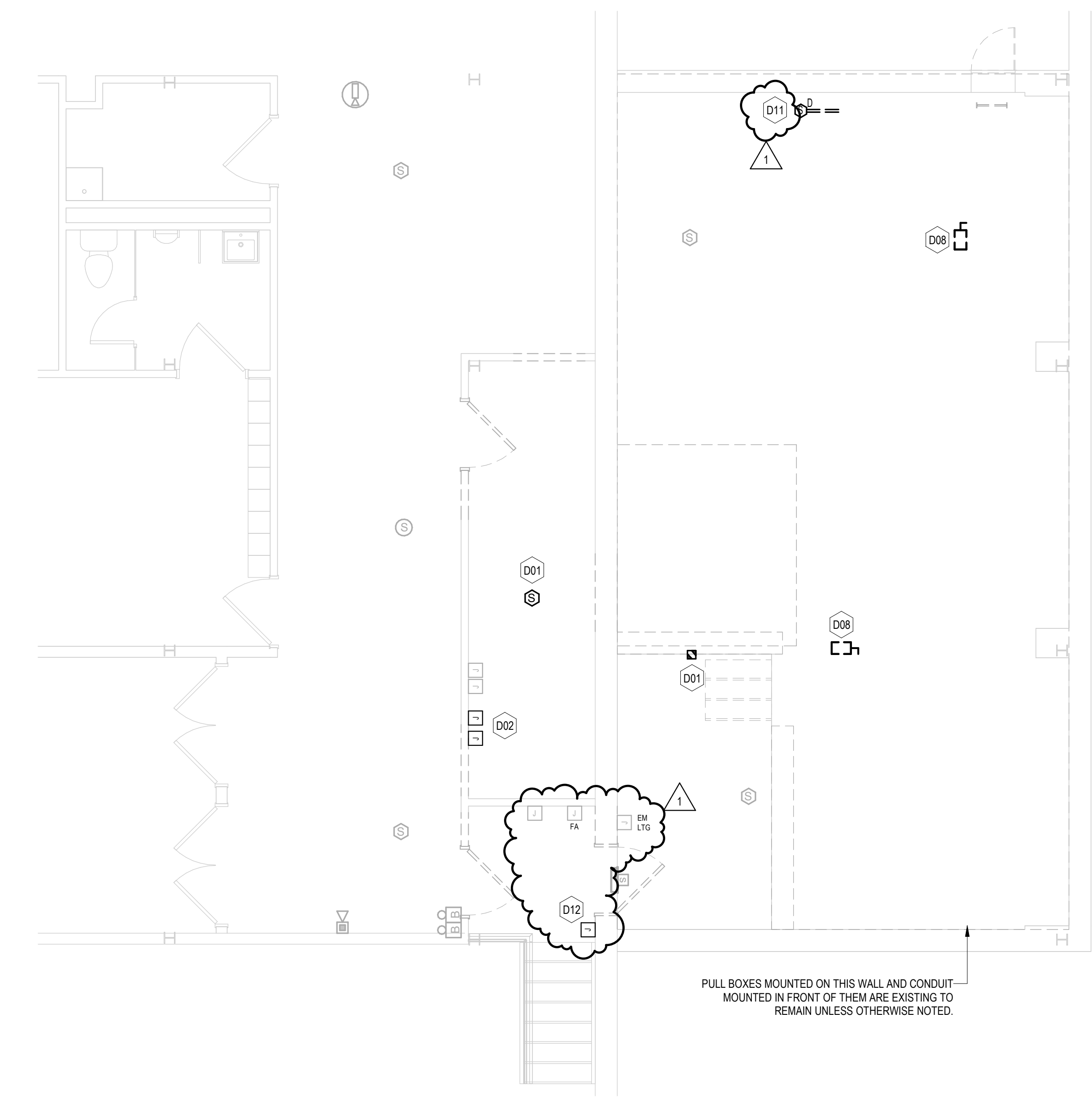
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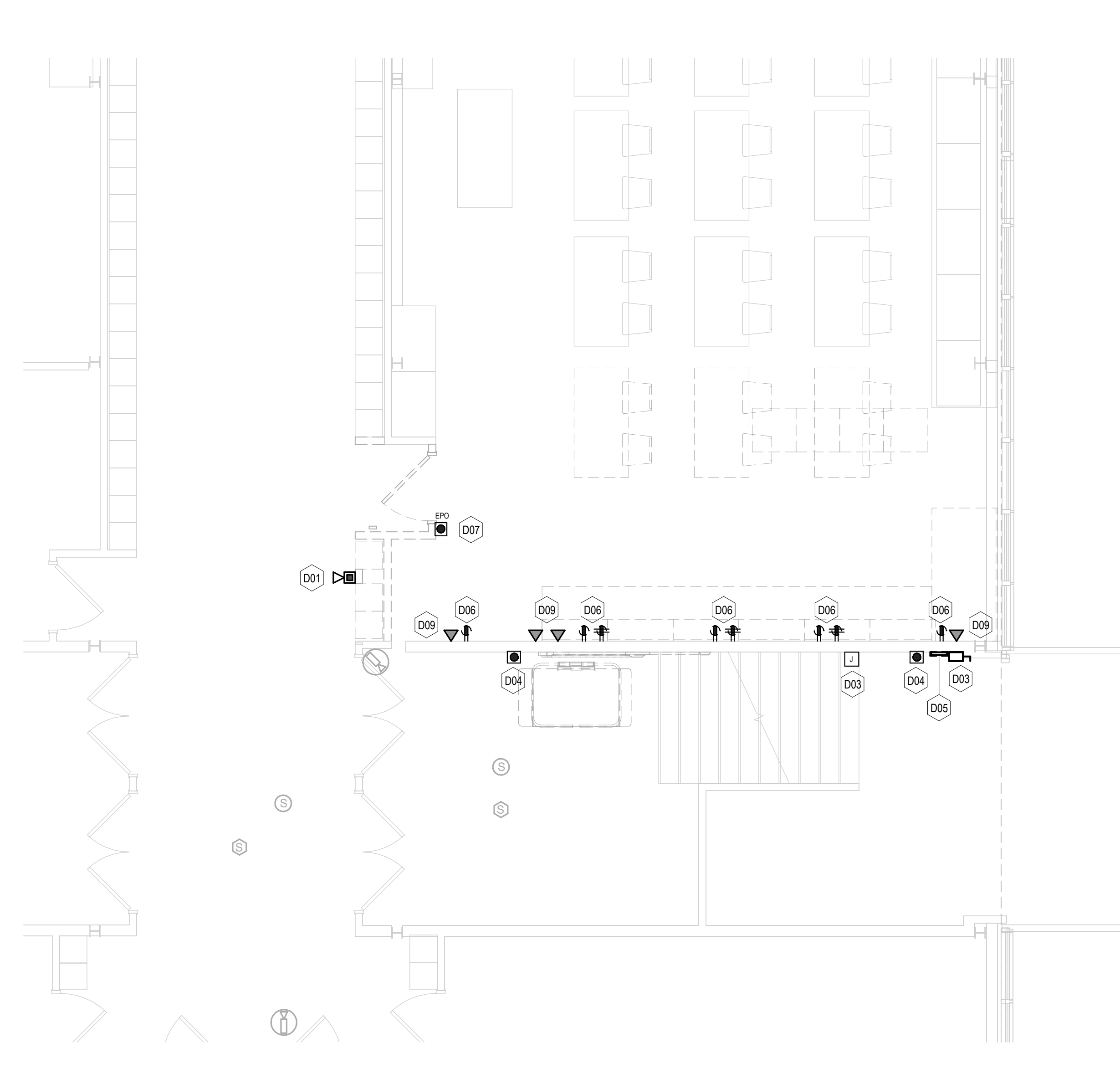
Drawn By:
 S. CROTEAU

Project Number:
 23.097

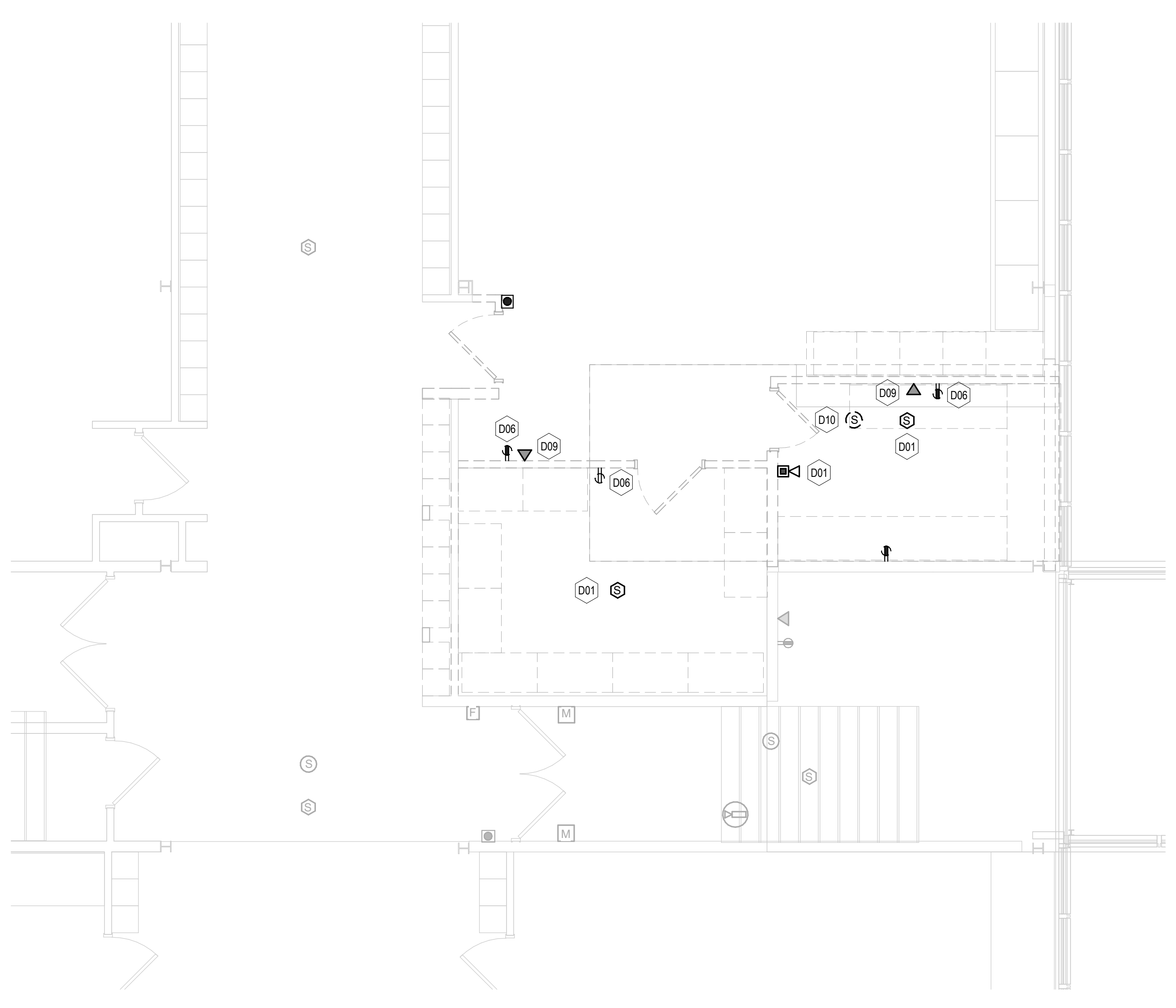
Drawing Number:
E011



1 PARTIAL LOWER LEVEL DEMOLITION PLAN - POWER
1/4" = 1'-0"



2 PARTIAL MAIN LEVEL DEMOLITION PLAN - POWER
1/4" = 1'-0"



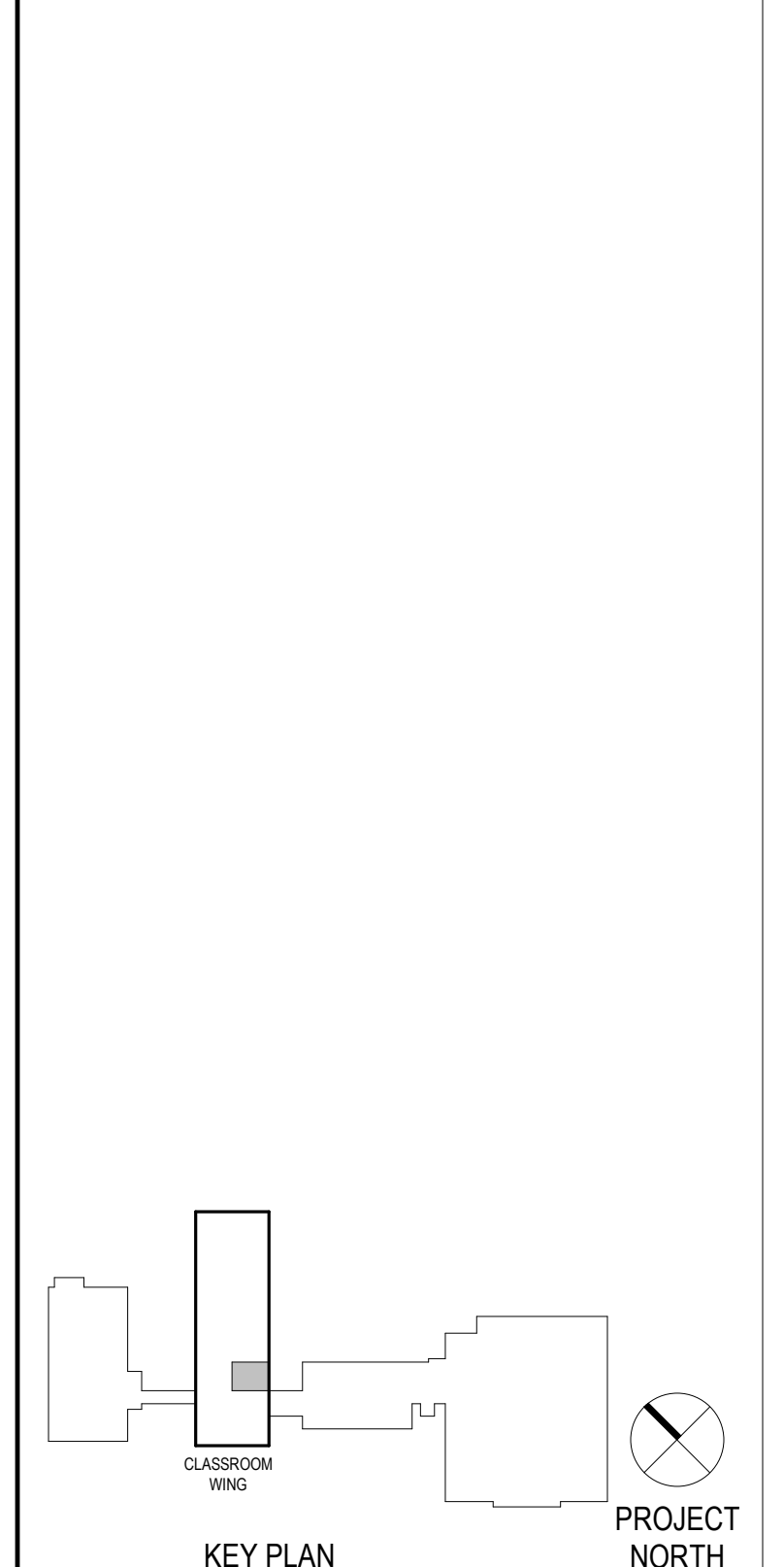
3 PARTIAL UPPER LEVEL DEMOLITION PLAN - POWER
1/4" = 1'-0"

POWER DEMOLITION NOTES

- REFER TO DRAWING E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL EXISTING RECEPTACLES, FIRE ALARM DEVICES, JUNCTION BOXES, SPEAKERS, TELE-DATA RECEPTACLES, SECURITY CAMERAS AND ELECTRICAL EQUIPMENT SHOWN HALF-TONE (LIGHT) ARE EXISTING TO REMAIN AND SHALL REMAIN WIRED. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THIS RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.
- ALL EXISTING RECEPTACLES, FIRE ALARM DEVICES, JUNCTION BOXES, SPEAKERS, TELE-DATA RECEPTACLES, SECURITY CAMERAS AND ELECTRICAL EQUIPMENT SHOWN SOLID OR DASHED DARK ARE EXISTING TO BE REMOVED. ALL EXISTING BRANCH CIRCUITS SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX. REFER TO NEW POWER PLAN FOR MORE INFORMATION.
- ALL EXISTING RECESSED DEVICES REMOVED AND NO NEW DEVICES INSTALLED IN THE SAME LOCATION SHALL HAVE A METAL BLANK PLATE INSTALLED OVER THE EXISTING RECESSED BACK BOX AND SHALL BE PAINTED TO MATCH THE EXISTING WALL.

DEMOLITION KEY NOTES

- (DXX)
- CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING SURFACE AND RECESSED MOUNTED FIRE ALARM DEVICES INDICATED TO BE REMOVED (SHOWN DARK & SOLID OR DASHED). EXISTING WIRING SHALL BE REMOVED BACK TO NEAREST ACCESSIBLE JUNCTION BOX TO SERVE RELOCATED DEVICES IN THIS AREA. REFER TO POWER PLAN FOR NEW LOCATIONS OF THESE DEVICES. ALL FIRE ALARM DEVICES INDICATED TO REMAIN (SHOWN LIGHT & SOLID), ALL ASSOCIATED WIRING SHALL BE MAINTAINED.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED JUNCTION BOX INDICATED AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED DISCONNECT SWITCH AND JUNCTION BOX SERVING THE HANDICAP LIFT SYSTEM (LULAI) AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED LOCKABLE 4-BUTTON HANDICAP LIFT SYSTEM CONTROL STATION AND ALL ASSOCIATED CONDUIT AND WIRING. ALL RECESSED JUNCTION BOXES THAT REMAIN SHALL HAVE A STAINLESS STEEL COVER PLATE INSTALLED OVER THEM.
 - CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING SURFACE MOUNTED FIRE ALARM PANEL TO ACCOMMODATE NEW ELEVATOR OPENING. REFER TO POWER PLAN FOR NEW LOCATION OF PANEL.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING RECEPTACLES INDICATED OR NOT ON WALLS AND MILLWORK TO BE REMOVED (SHOWN DARK & SOLID OR DASHED). EXISTING BRANCH CIRCUIT WIRING SHALL BE REMOVED COMPLETELY UNLESS SERVING OTHER DEVICES TO REMAIN. THEN REMOVE BACK TO NEAREST ACCESSIBLE JUNCTION BOX. RECEPTACLES INDICATED ON WALLS TO REMAIN (SHOWN LIGHT & SOLID) ARE TO STAY AND BRANCH CIRCUITS SHALL BE MAINTAINED. ANY RECESSED DEVICE REMOVED ON AN EXISTING MASONRY WALL TO REMAIN SHALL HAVE THE BACK BOX REMAIN AND HAVE A BLANK STAINLESS STEEL COVER PLATE INSTALLED.
 - CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING SURFACE MOUNTED EMERGENCY OFF SWITCH WITH KEY RESET SERVING THE GAS VALVE FOR THIS ROOM. REFER TO POWER PLAN FOR NEW LOCATION OF SHUT OFF.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH IN THIS LOCATION SERVING MECHANICAL UNIT, INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCH, JUNCTION/PULL BOXES, SUPPORT STRUCTURE, AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SURFACE AND/OR RECESSED MOUNTED VOICE/DATA RECEPTACLE IN THIS LOCATION, INCLUDING BUT NOT LIMITED TO BACK BOX, JACKS, COVER PLATE AND ALL ASSOCIATED CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
 - CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE EXISTING RECESSED MOUNTED ROUND CEILING SPEAKER (PAGING SYSTEM) IN THIS LOCATION. REFER TO POWER PLAN FOR NEW LOCATION OF SPEAKER.
 - CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FIRE ALARM DUCT SMOKE DETECTOR INSTALLED ON DUCT WORK INDICATED TO BE REMOVED INCLUDING ALL CONDUIT AND WIRING BACK TO POINT OF ORIGIN.
 - CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE/INSTALL EXISTING JUNCTION BOX INDICATED AND ASSOCIATED CONDUIT & WIRE TO ACCOMMODATE A LARGER OPENING INTO THE MECHANICAL STORAGE AREA. REFER TO DRAWING E211 FOR APPROXIMATE LOCATION OF NEW/RELOCATED JUNCTION BOX.



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Revision	Description	Date	Revised By
1	ADDENDUM #3	03/09/2026	SEC

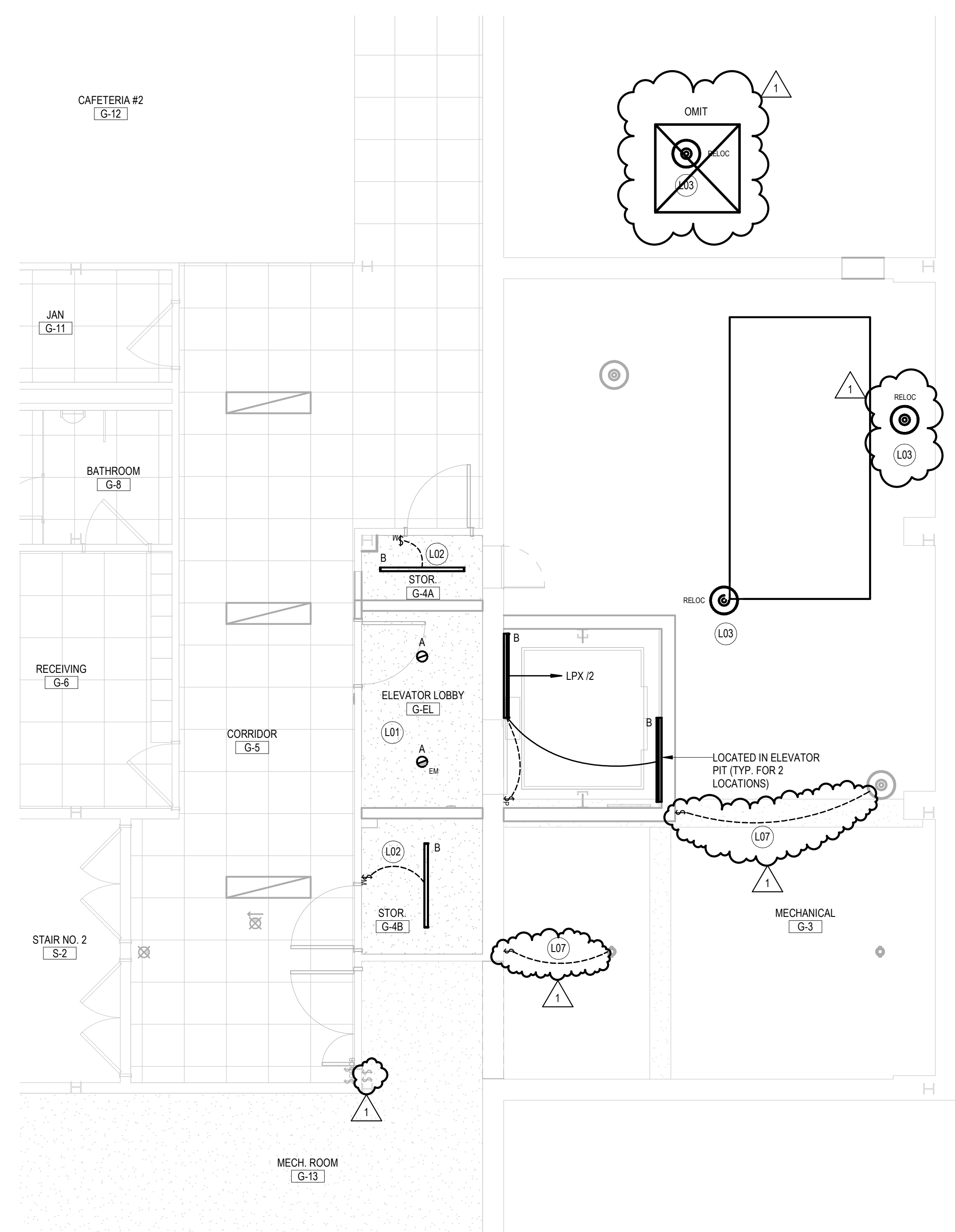
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DEMOLITION FLOOR PLANS - POWER

Date: 01/30/2026
 Scale: As Indicated
 Drawn By: S. CROTEAU
 Project Number: 23.097

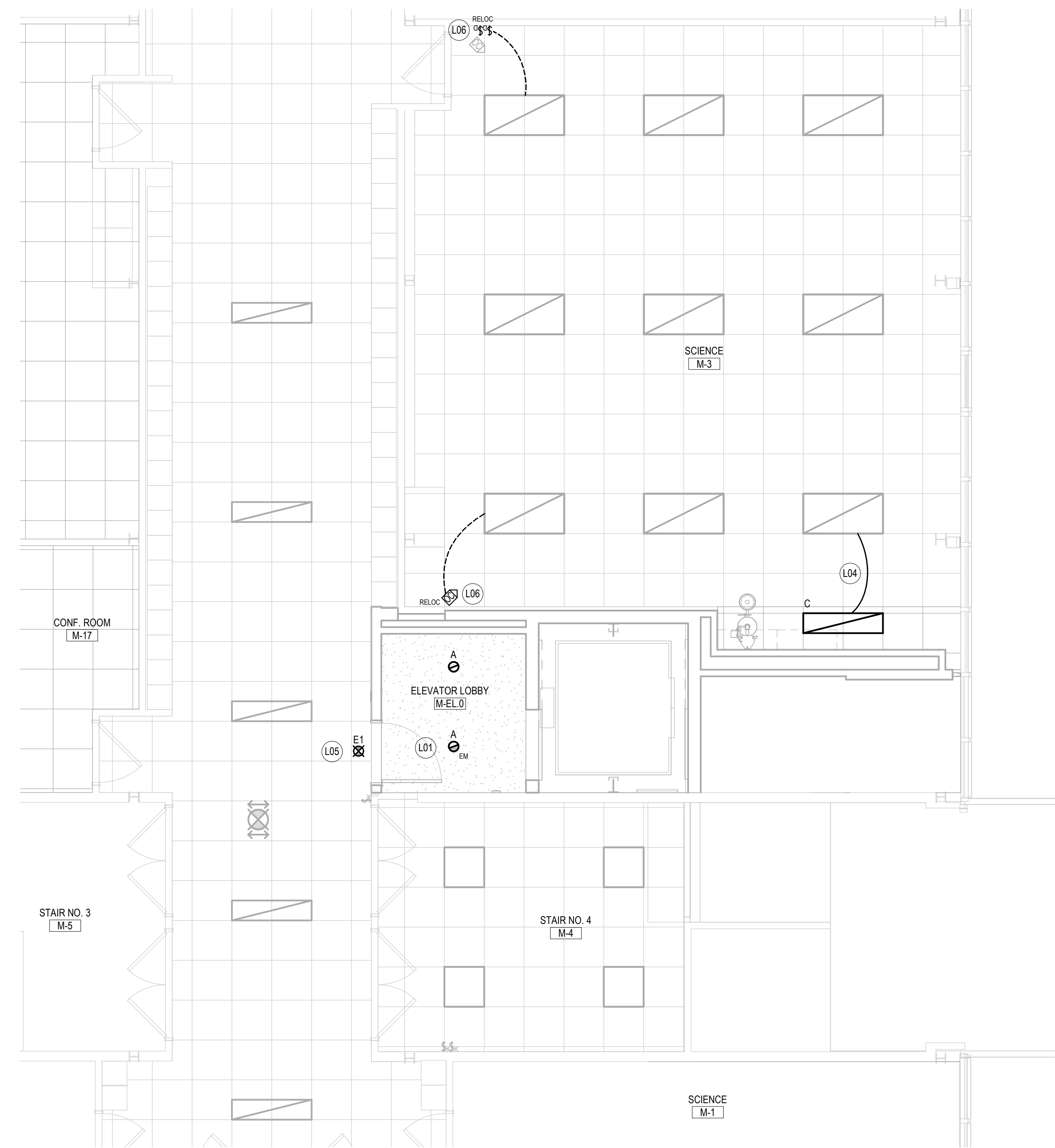
ISSUED FOR BID

E021

3/9/2026 1:13:00 PM



1 PARTIAL LOWER LEVEL LIGHTING PLAN
1/4" = 1'-0"



2 PARTIAL MAIN LEVEL LIGHTING PLAN
1/4" = 1'-0"

GENERAL LIGHTING NOTES

- REFER TO DRAWING E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL EXISTING LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY SENSORS AND LIGHT SWITCHES SHOWN HALF-TONE (LIGHT) ARE EXISTING TO REMAIN AND SHALL REMAIN WIRED. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THIS RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.
- ALL NEW LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY SENSORS AND LIGHT SWITCHES MOUNTED ON EXISTING CONCRETE WALLS (POURED OR BLOCK) SHALL BE FED WITH SURFACE MOUNTED WIREBOLT RACEWAY, TYPE 800 OR 700 SERIES. PROVIDE ALL NECESSARY ACCESSORIES, CONNECTIONS AND FITTINGS FOR A COMPLETE SYSTEM.
- ALL ROOMS/AREAS THAT HAVE BOTH NORMAL AND EMERGENCY LIGHT FIXTURES EXCEPT BATHROOMS, SHALL BE CONTROLLED TOGETHER VIA A DIMMABLE 924 RELAY UNLESS OTHERWISE NOTED. BATHROOMS SHALL BE CONTROLLED BY A STANDARD NON-DIMMABLE 924 RELAY INSTEAD.

(LXX) LIGHTING KEY NOTES

- CONTRACTOR SHALL WIRE BOTH THE NORMAL AND EMERGENCY FIXTURES IN THIS ROOM FROM THE EXISTING BRANCH CIRCUITS SERVING THIS AREA VIA A 924 RELAY. THESE FIXTURES SHALL BE CONTROLLED WITH THE ADJACENT CORRIDOR LIGHTS (COME ON BEFORE SCHOOL OPENS AND GO OFF AFTER SCHOOL CLOSES).
- CONTRACTOR SHALL WIRE THE FIXTURE(S) IN THIS ROOM TO THE EXISTING NORMAL BRANCH CIRCUIT THAT SERVES THIS AREA. FURNISH AND INSTALL NEW CONTROL WIRING AS INDICATED ON PLAN.
- CONTRACTOR SHALL WIRE EXISTING RELOCATED LIGHT FIXTURE TO EXISTING BRANCH CIRCUIT AND CONTROL WIRING THAT SERVES THE OTHER LIGHTS IN THIS ROOM.
- CONTRACTOR SHALL WIRE NEW LIGHT FIXTURE IN THIS ROOM TO EXISTING BRANCH CIRCUIT AND CONTROL WIRING THAT SERVES THE OTHER LIGHTS IN THIS ROOM.
- CONTRACTOR SHALL WIRE 'AREA OF REFUGE' SIGN TO UNSWITCHED SIDE OF EXISTING GENERATOR (EMERGENCY) LIGHTING CIRCUIT CURRENTLY SERVING CORRIDOR LIGHTING FIXTURES.
- CONTRACTOR SHALL INSTALL EXISTING RELOCATED LIGHT SWITCHES AND OCCUPANCY SENSOR TO LOCATIONS INDICATED AND INSTALL NEW CONTROL WIRING FROM THESE DEVICES TO THE EXISTING LIGHT FIXTURES TO REMAIN AND MATCH THE LIGHTS CONTROL SYSTEM.
- CONTRACTOR SHALL RECONNECT/EXTEND EXISTING BRANCH CIRCUIT AND CONTROL WIRING FROM LIGHT FIXTURE TO NEW LIGHT SWITCH INDICATED. SWITCH CONTROLS THE EXISTING AND/OR RELOCATED LIGHTS PREVIOUSLY CONTROLLED BY THE SWITCH REMOVED IN THIS AREA.



PROJECT NORTH



KEY PLAN

Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830



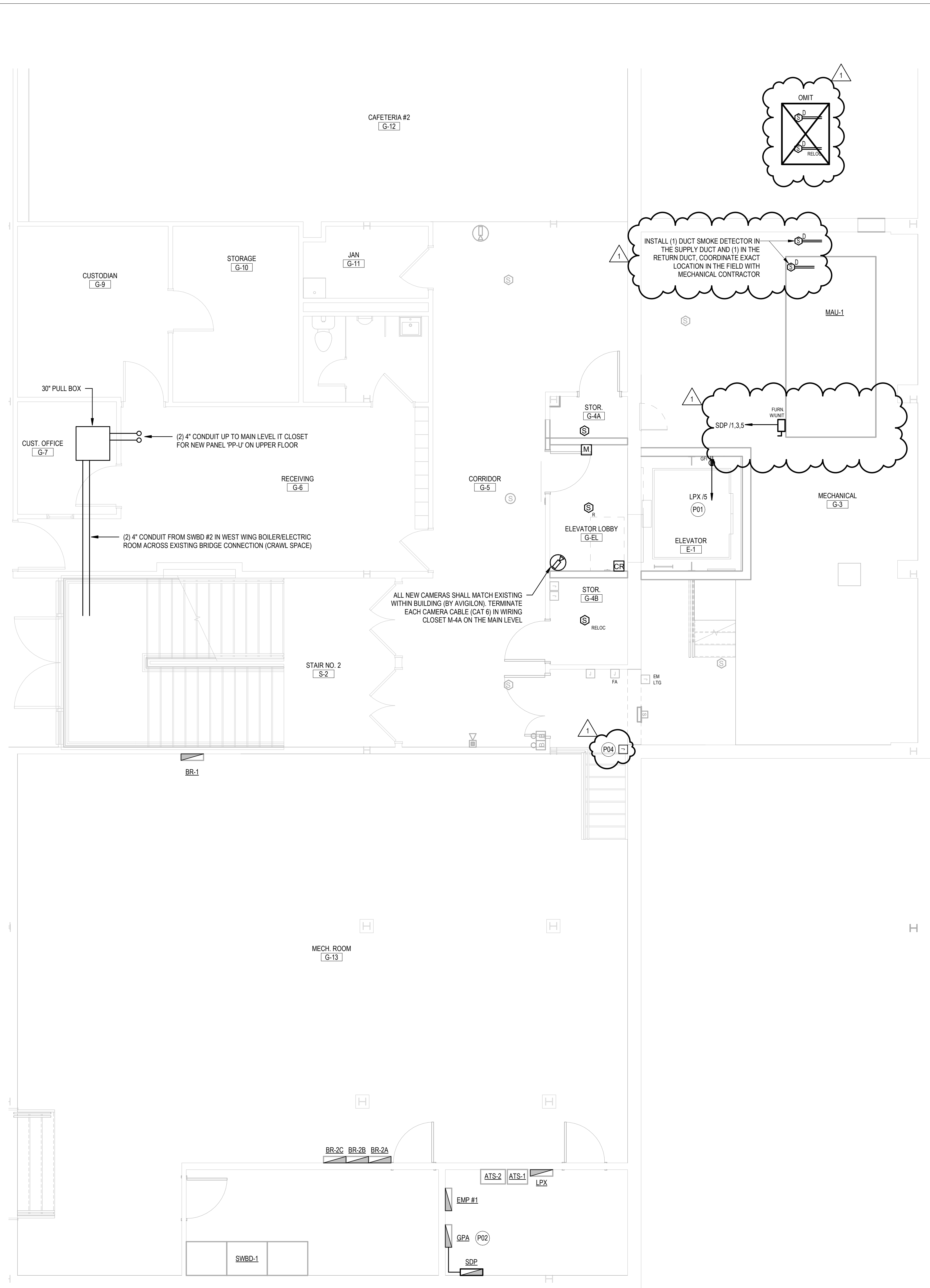
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1	ADDENDUM #3	03/09/2026	SEC

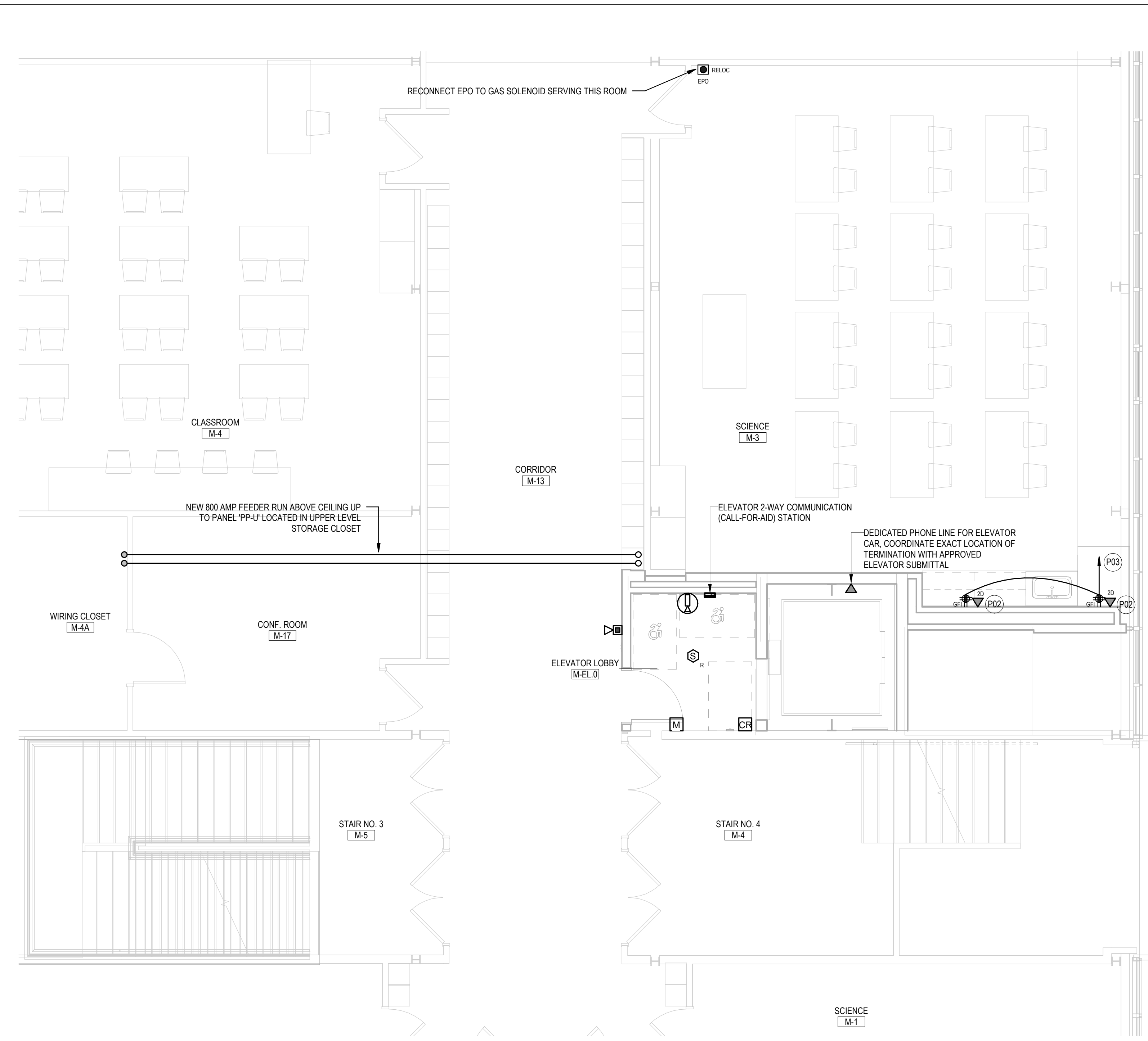
Drawing Title:
**LOWER & MAIN LEVEL FLOOR PLANS -
 LIGHTING**
 Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 As Indicated
 Drawn By:
 S. CROTEAU
 Project Number:
 23.097

E111



1 PARTIAL LOWER LEVEL POWER PLAN
1/4" = 1'-0"



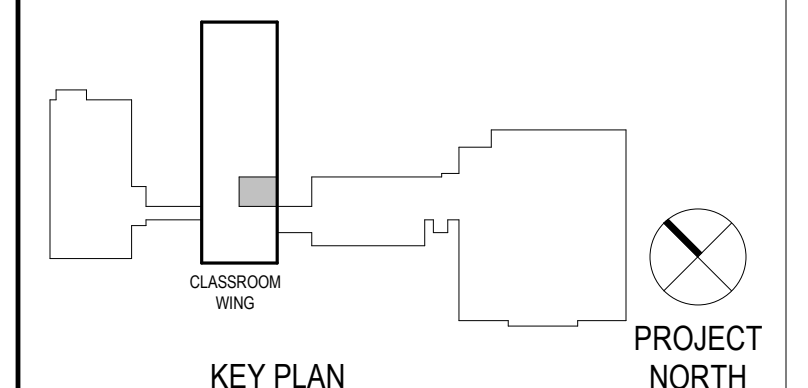
2 PARTIAL MAIN LEVEL POWER PLAN
1/4" = 1'-0"

GENERAL POWER NOTES

- REFER TO DRAWING E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL NEW DEVICES MOUNTED ON EXISTING CMU WALLS SHALL BE SURFACE MOUNTED WIREMOLD RACEWAY, TYPE 500 OR 700 SERIES FOR SINGLE SYSTEMS AND TYPE 400 SERIES FOR MULTIPLE SYSTEMS. PROVIDE ALL NECESSARY ACCESSORIES, CONNECTIONS AND FITTINGS FOR A COMPLETE SYSTEM.
- ALL EXISTING DEVICES SHOWN HALF-TONE (LIGHT), ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED AND ALL WIRING TO THESE DEVICES SHALL REMAIN. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THE RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.

POWER KEY NOTES

- (P01) CONTRACTOR SHALL INSTALL A NEW 20A-1P CIRCUIT BREAKER IN EXISTING PANEL "LPX" TO SERVE ELEVATOR PIT DUPLEX RECEPTACLE AND WIRE WITH 2 #12 - 1 #12S IN A 3/4"
- (P02) ALL NEW NETWORK DEVICES SHALL BE WIRED BACK TO THE LOCAL IT CLOSET LOCATED IN THE MAIN LEVEL ADJACENT TO THE BRIDGE CONNECTION TO THE WEST WING.
- (P03) CONTRACTOR SHALL WIRE NEW RECEPTACLES INDICATED TO TWO EXISTING BRANCH CIRCUIT REMOVED IN THIS AREA THAT PREVIOUSLY SERVED RECEPTACLES FROM PANEL "M". EACH QUAD RECEPTACLE SHALL BE WIRED WITH BOTH CIRCUITS. WIRE THESE DEVICES WITH 3 #12 - 1 #12S IN A 3/4"
- (P04) CONTRACTOR SHALL INSTALL NEW JUNCTION BOX IN THIS AREA AND EXTEND/RECONNECT EXISTING CONDUIT AND WIRING TO ACCOMMODATE WIDENING THE OPENING INTO THE MECHANICAL STORAGE ROOM AREA.



Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

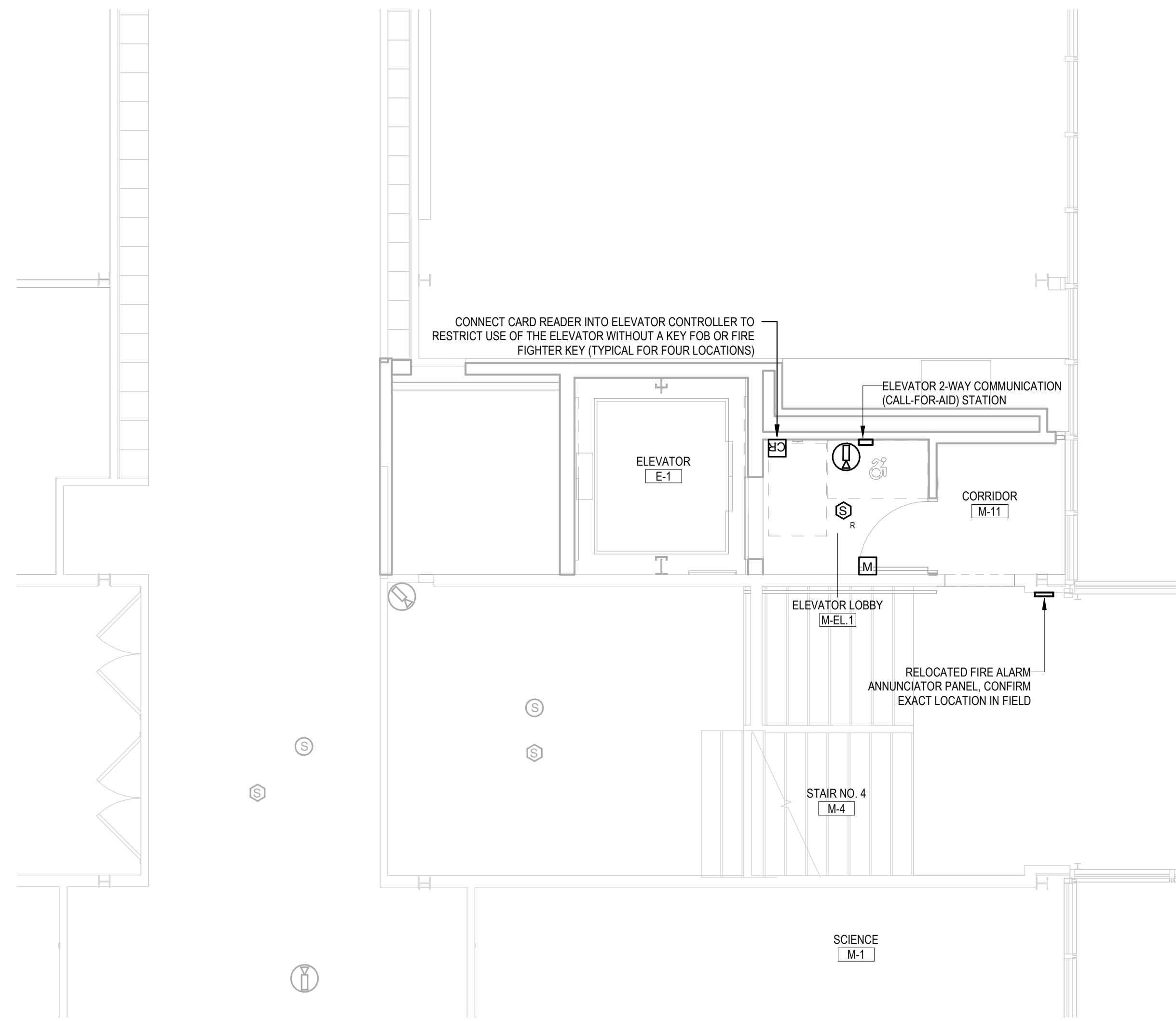
SILVER PETRUCELLI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
 203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	03/09/2026	SEC

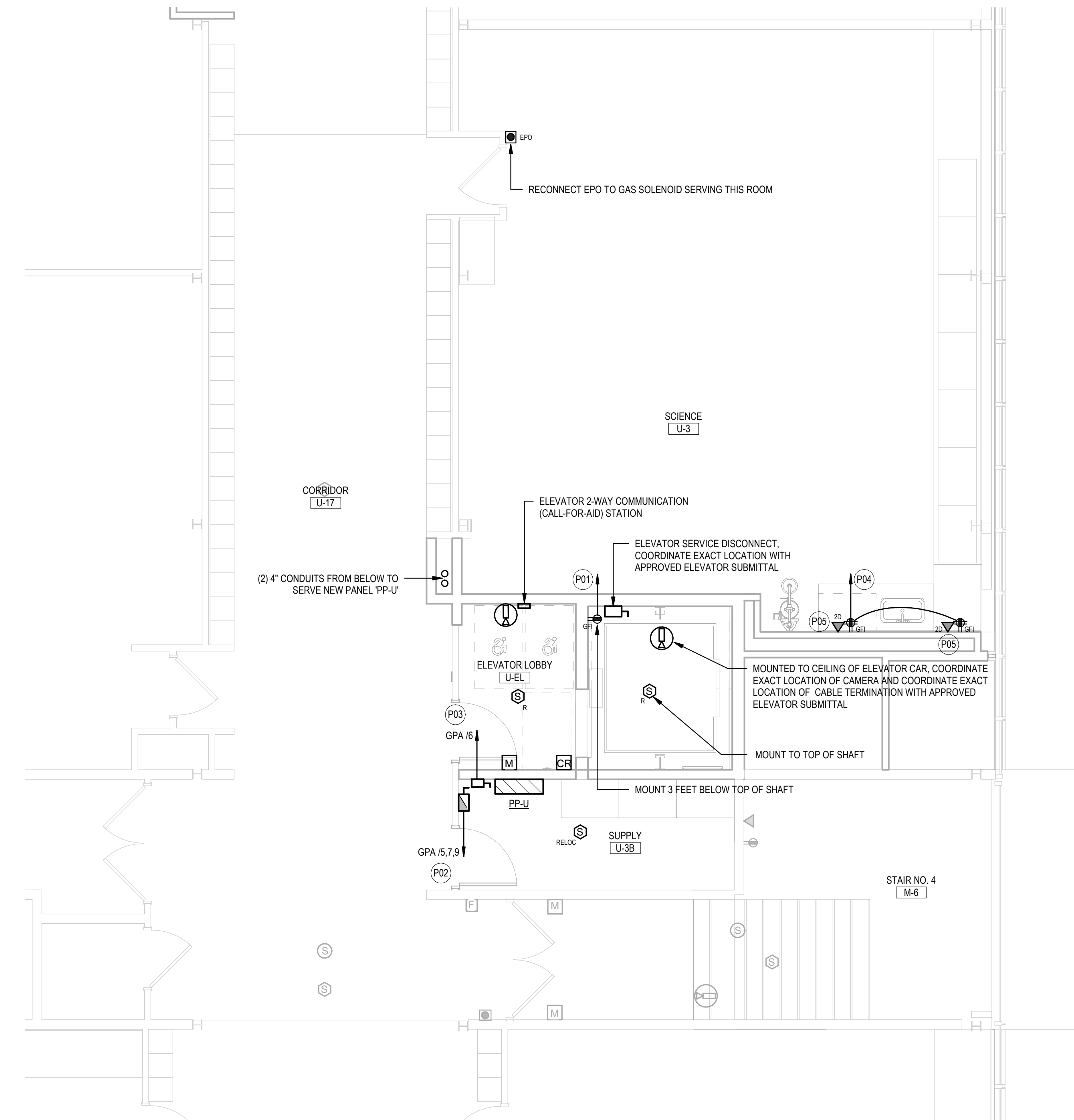
Drawing Title:
**LOWER & MAIN LEVEL FLOOR PLANS -
 POWER**
 Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 As Indicated
 Drawn By:
 S. CROTEAU
 Project Number:
 23.097

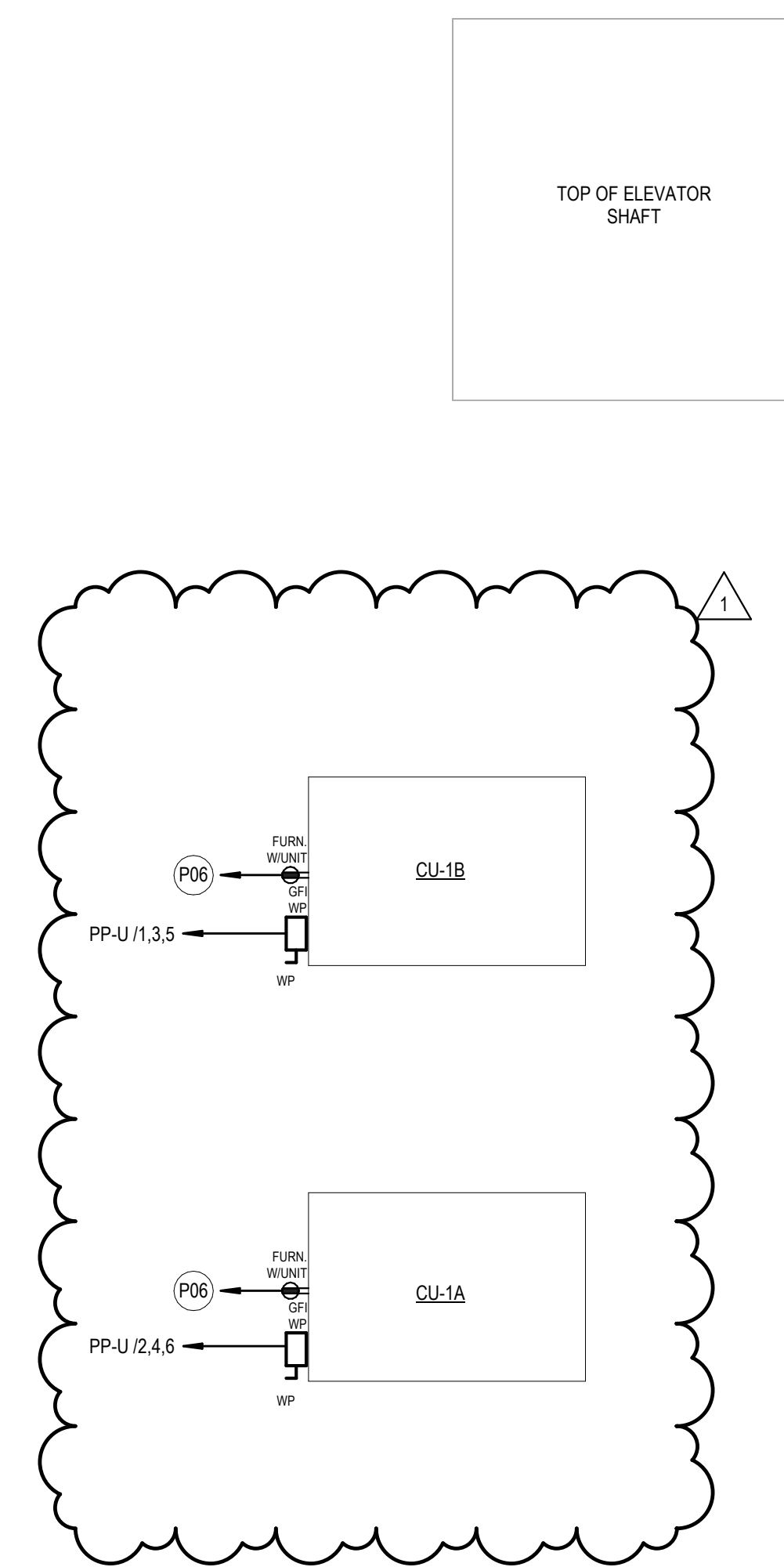
Drawing Number:
E211



1 PARTIAL GROUND LEVEL POWER PLAN
1/4" = 1'-0"



2 PARTIAL UPPER LEVEL POWER PLAN
1/4" = 1'-0"



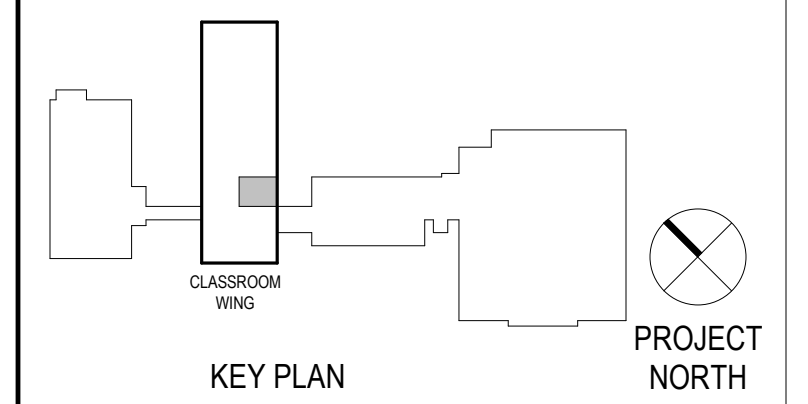
3 PARTIAL ROOF LEVEL POWER PLAN
1/4" = 1'-0"

GENERAL POWER NOTES

- REFER TO DRAWING E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL NEW DEVICES MOUNTED ON EXISTING CMU WALLS SHALL BE SURFACE MOUNTED WIREMOLD RACEWAY, TYPE 500 OR 700 SERIES FOR SINGLE SYSTEMS AND TYPE 400 SERIES FOR MULTIPLE SYSTEMS. PROVIDE ALL NECESSARY ACCESSORIES, CONNECTIONS AND FITTINGS FOR A COMPLETE SYSTEM.
- ALL EXISTING DEVICES SHOWN HALF-TONE (LIGHT), ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED AND ALL WIRING TO THESE DEVICES SHALL REMAIN. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF ALL EXISTING BRANCH CIRCUITS EFFECTED BY THE RENOVATION AND PROVIDE ADDITIONAL WIRING AS NEEDED.

(FIX) POWER KEY NOTES

- P01 CONTRACTOR SHALL WIRE RECEPTACLE INDICATED TO A NEW 20A-1P CIRCUIT BREAKER INSTALLED IN PANEL "AC-U", REFER TO NOTE U05 ON DRAWING E112. WIRE RECEPTACLE WITH 2 #12 + 1 #12G IN A 3/4".
- P02 CONTRACTOR SHALL INSTALL A NEW 35A-3P CIRCUIT BREAKER IN EXISTING PANEL "GPA" TO SERVE NEW ELEVATOR MOTOR AND WIRE WITH 3 #8 + 1 #10G IN A 1".
- P03 CONTRACTOR SHALL INSTALL A NEW 20A-1P CIRCUIT BREAKER IN EXISTING PANEL "GPA" TO SERVE NEW ELEVATOR CAR LIGHTS AND CONTROLS. WIRE WITH 2 #12 + 1 #12G IN A 3/4".
- P04 CONTRACTOR SHALL WIRE NEW RECEPTACLES INDICATED TO EXISTING BRANCH CIRCUIT REMOVED IN THIS AREA THAT PREVIOUSLY SERVED RECEPTACLES THE PREP ROOM. WIRE THESE DEVICES WITH 3 #12 + 1 #12G IN A 3/4".
- P05 ALL NEW NETWORK DEVICES SHALL BE WIRED BACK TO THE LOCAL IT CLOSET LOCATED IN THE MAIN LEVEL ADJACENT TO THE BRIDGE CONNECTION TO THE WEST WING.
- P06 CONTRACTOR SHALL INSTALL A NEW 20A-1P CIRCUIT BREAKER IN EXISTING PANEL "U" LOCATED IN THE UPPER LEVEL CORRIDOR U17 TO SERVE NEW RECEPTACLE ON ROOF. WIRE RECEPTACLE WITH 2 #12 + 1 #12G IN A 3/4".



Project Title:
**ADA IMPROVEMENTS / ELEVATOR ADDITION AT:
 WESTERN MIDDLE SCHOOL**
 1 WESTERN JR HIGHWAY
 GREENWICH CT 06830

SILVER PETRUCELLI + ASSOCIATES
 3190 WHITNEY AVENUE HAMDEN CT 06518
 311 STATE STREET NEW LONDON CT 06320
 203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	03/09/2026	SEC

Drawing Title:
**GROUND, UPPER & ROOF LEVEL FLOOR
 PLANS - POWER**
 Project Submission:
ISSUED FOR BID
 State Project Number:

Date:
 01/30/2026
 Scale:
 As Indicated
 Drawn By:
 S. CROTEAU
 Project Number:
 23.097

Drawing Number:
E212

Branch Panel: SDP												
Location: BATTERY ROOM G-2			Volts: 120/208 Wye			A.I.C. Rating: MATCH EXISTING						
Supply From: ATS-2			Phases: 3			Mains Type: MCB						
Mounting: Surface			Wires: 4			Mains Rating: 400 A						
Enclosure: Type 1						MCB Rating: 400 A						
Notes:												
CKT	Circuit Description	Wire & Conduit	Trip	Poles	A	B	C	Poles	Trip	Wire & Conduit	Circuit Description	CKT
1	MAU-1		125 A	3	9000	3410			3	200 A	GPA	2
3	--	--	--	--		9000	3360		--	--	--	4
5	--	--	--	--			9000	3690	--	--	--	6
7	AUDITORIUM RTU		150 A	3	9000				--	--	--	8
9	--	--	--	--		9000			--	--	--	10
11	--	--	--	--			9000		--	--	--	12
13												14
15												16
17												18
19												20
21												22
23												24
25												26
27												28
29												30
					Total Load:	21410 VA	21360 VA	21800 VA				
					Total Amps:	178 A	178 A	182 A				
Legend:												
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Lighting		50 VA	125.00%	63 VA	Total Conn. Load: 64660 VA							
Other		0 VA	0.00%	0 VA	Total Est. Demand: 64673 VA							
Power		64610 VA	100.00%	64610 VA	Total Conn. Current: 179 A							
					Total Est. Demand Current: 180 A							
Notes:												

Branch Panel: GPA												
Location: BATTERY ROOM G-2			Volts: 120/208 Wye			A.I.C. Rating:						
Supply From: SDP			Phases: 3			Mains Type: MCB						
Mounting: Surface			Wires: 4			Mains Rating: 400 A						
Enclosure: Type 1						MCB Rating: 400 A						
Notes: EXISTING PANEL												
CKT	Circuit Description	Wire & Conduit	Trip	Poles	A	B	C	Poles	Trip	Wire & Conduit	Circuit Description	CKT
1	Existing Load		15 A	1	0	0			2	30 A	Existing Load	2
3	Spare		15 A	1		0	0		--	--	--	4
5	New Elevator		35 A	3			3360	350	1	20 A	Elev. Car Lights & Controls	6
7	--	--	--	--		3360			--	--	--	8
9	--	--	--	--			3360		--	--	--	10
11												12
13												14
15									3	100 A	BR-1	16
17									--	--	--	18
19						0			--	--	--	20
21									1	20 A	Gen Charger	22
23	Main Office Data Closet		20 A	1			0	0	1	20 A	Gen Heater	24
25	Main Office Data Closet		20 A	1	0	0			1	20 A	Receptacles	26
27	Main Office Fire Alarm Panel		20 A	1		0	0		1	20 A	Existing Load	28
29	New Wheel Chair Lift		20 A	1			0	0	1	20 A	Existing Load	30
31	GPB		100 A	3	0	0			1	25 A	Existing Load	32
33	--	--	--	--		0	0		2	30 A	Wheel Chair Lift	34
35	--	--	--	--			0	0	--	--	--	36
37	Circ Pump #2		15 A	3	0	0			3	15 A	Spare	38
39	--	--	--	--			0	0	--	--	--	40
41	--	--	--	--			0	0	--	--	--	42
43	Circ Pump #1		15 A	3	0	0			3	15 A	Spare	44
45	--	--	--	--			0	0	--	--	--	46
47	--	--	--	--			0	0	--	--	--	48
49	Condensate #2		15 A	3	0	0			3	15 A	Spare	50
51	--	--	--	--			0	0	--	--	--	52
53	--	--	--	--			0	0	--	--	--	54
55	Condensate #1		15 A	3	0	0			3	15 A	Circ Pump #4	56
57	--	--	--	--			0	0	--	--	--	58
59	--	--	--	--			0	0	--	--	--	60
61	Existing Load		20 A	3	0	0			3	15 A	Circ Pump #3	62
63	--	--	--	--			0	0	--	--	--	64
65	--	--	--	--			0	0	--	--	--	66
67	Spare		35 A	3	0	0			3	30 A	Freezer	68
69	--	--	--	--			0	0	--	--	--	70
71	--	--	--	--			0	0	--	--	--	72
73	Fridge		30 A	3	0	50			3	50 A	LPX	74
75	--	--	--	--			0	0	--	--	--	76
77	--	--	--	--			0	180	--	--	--	78
79	GPD		60 A	3	0	0			3	20 A	Spare	80
81	--	--	--	--			0	0	--	--	--	82
83	--	--	--	--			0	0	--	--	--	84
					Total Load:	3410 VA	3360 VA	3890 VA				
					Total Amps:	28 A	28 A	32 A				
Legend:												
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Lighting		50 VA	125.00%	63 VA	Total Conn. Load: 10660 VA							
Other		0 VA	0.00%	0 VA	Total Est. Demand: 10673 VA							
Power		10610 VA	100.00%	10610 VA	Total Conn. Current: 30 A							
					Total Est. Demand Current: 30 A							
Notes:												
1. BREAKERS ARE ALL EXISTING EXCEPT FOR 5-7-9 & 6.												

Branch Panel: LPX												
Location: BATTERY ROOM G-2			Volts: 120/208 Wye			A.I.C. Rating:						
Supply From: GPA			Phases: 3			Mains Type: MCB						
Mounting: Surface			Wires: 4			Mains Rating: 100 A						
Enclosure: Type 1						MCB Rating: 100 A						
Notes: EXISTING PANEL												
CKT	Circuit Description	Wire & Conduit	Trip	Poles	A	B	C	Poles	Trip	Wire & Conduit	Circuit Description	CKT
1	Existing Load		20 A	1	0	50			1	20 A	Lighting (Elev. Pit)	2
3	Exist. Load (Security Pnl.)		20 A	1		0			--	--	--	4
5	Elev. Pit Recept.		20 A	1			180		--	--	--	6
7	--	--	--	--					--	--	--	8
9	--	--	--	--					--	--	--	10
11												12
13									2	20 A	Existing Load	14
15									--	--	--	16
17	Existing Load		20 A	1		0	0	0	1	20 A	Existing Load	18
19	Existing Load		20 A	1	0	0			1	20 A	Existing Load	20
21	Existing Load		20 A	1		0	0		1	20 A	Existing Load	22
23	Existing Load		20 A	1			0	0	1	20 A	Existing Load	24
25	Existing Load		20 A	1	0	0			1	20 A	Existing Load	26
27	Existing Load		20 A	1		0	0		1	20 A	Existing Load	28
29	Existing Load		20 A	1			0	0	1	20 A	Existing Load	30
					Total Load:	50 VA	0 VA	180 VA				
					Total Amps:	0 A	0 A	2 A				
Legend:												
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Lighting		50 VA	125.00%	63 VA	Total Conn. Load: 230 VA							
Other		0 VA	0.00%	0 VA	Total Est. Demand: 243 VA							
Power		180 VA	100.00%	180 VA	Total Conn. Current: 1 A							
					Total Est. Demand Current: 1 A							
Notes:												

Branch Panel: PP-U												
Location: SUPPLY U-3B			Volts: 120/208 Wye			A.I.C. Rating:						
Supply From:			Phases: 3			Mains Type: MLO						
Mounting: Surface			Wires: 4			Mains Rating: 800 A						
Enclosure: Type 1						MCB Rating:						
Notes:												
CKT	Circuit Description	Wire & Conduit	Trip	Poles	A	B	C	Poles	Trip	Wire & Conduit	Circuit Description	CKT
1	CU-1B (Roof)		200 A	3	16920	16920			3	200 A	CU-1A (Roof)	2
3	--	--	--	--					--	--	--	4
5	--	--	--	--			16920	16920	--	--	--	6
7	--	--	--	--					--	--	--	8
11												12
13												14
15												16
17												18
19												20
21												22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37												38
39												40
41												42
					Total Load:	33840 VA	33840 VA	33840 VA				
					Total Amps:	282 A	282 A	282 A				
Legend:												
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals							
Power		101520 VA	100.00%	101520 VA	Total Conn. Load: 101520 VA							
					Total Est. Demand: 101520 VA							
					Total Conn. Current: 282 A							
					Total Est. Demand Current: 282 A							
Notes:												

LIGHTING FIXTURE SCHEDULE									
DESIGNATION	DESCRIPTION	MANUFACTURER/ MODEL NUMBER	LAMP			ELECTRICAL			NOTES
			TYPE	COLOR TEMP	NO	DRIVER	VOLTAGE	WATTS	
A	4" DIA. RECESSED MOUNTED OPEN DOWNLIGHT LED FIXTURE WITH WIDE BEAM DISTRIBUTION, CLEAR ALZAK REFLECTOR AND WHITE TRIM RING (900 LUMEN PACKAGE)	EDISON PRICE LIGHTING #EPD-4-900L-39K-90-WD-DIM10-120V	LED	3500K	#INSERT TEXT#	DIMMING	120	10	
B	4FT SURFACE MOUNTED LENSED LED STRIP LIGHT FIXTURE WITH ROUND DIFFUSED ACRYLIC LENS AND WHITE FINISH (36								