



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 47000

CONSTRUCTION WORK PROVIDE FIRE PROTECTION MODIFICATIONS CORNING TOWER EMPIRE STATE PLAZA ALBANY, NY 12242

October 24, 2025

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 001117 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, October 29, 2025 to Wednesday, November 19, 2025.
2. DOCUMENT 001117 ADVERTISEMENT FOR BIDS: Add paragraph to read:

“Prospective bidders will be allowed to visit the job site on October 30, 2025 at 10:00am, Concourse Level, Room 125, Empire State Plaza, Albany, NY. Access to the 30th Floor of the Corning Tower will not be available during this site visit. This will be the final site visit prior to bid and there will be no further bid extensions.”

GENERAL REQUIREMENTS

3. SECTION 011000 SUMMARY OF THE WORK, Subparagraph 1.10 K.1.: Append the paragraph with the following sentence:

“Corning Tower Freight Elevator Capacity is 4000 lb.”

SPECIFICATIONS

4. SECTION 033001 CAST-IN-PLACE CONCRETE, Article 2.02: Add the following Paragraph:

“E. Minimum Compressive Strength: 4500 psi at 28 days.”
5. SECTION 035300 CONCRETE TOPPING: Add the accompanying Section (pages 035300 – 1 thru 035300 – 7) to the Project Manual.

CONSTRUCTION WORK DRAWINGS

6. Revised Drawings:
 - a. Drawing Nos. A-102, A-201, A-301, A-501, A-601, E-103, E-702, M-401 noted “REVISED DRAWING 10/24/2025” accompany this Addendum and supersede the same numbered originally issued drawings.

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
Design & Construction

SECTION 035300 - CONCRETE TOPPING

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. Emery-aggregate concrete floor topping.
 - 2. Iron-aggregate concrete floor topping.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 SUBMITTALS

- A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
- B. Manufacturer's installation instructions shall be provided along with product data.
- C. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).
- D. Product Data: For each type of product.
- E. Submit an Environmental Product Declaration (EPD) from the manufacturer for each concrete mix within this specification section, if available. A statement of the contractor's good faith effort to obtain the EPD shall be provided if not available.
 - 1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services*.
- F. Product Test Reports: For each concrete floor topping, for tests performed by a qualified testing agency.
- G. Field quality-control test reports.

1.5 QUALITY ASSURANCE

- A. Testing Agency Qualifications: An independent agency qualified according to ASTM C1077 and ASTM E329 for testing indicated.
- B. Mockups: Place concrete floor topping mockups to demonstrate typical joints, surface finish, bonding, texture, tolerances, and standard of workmanship.
 - 1. Build mockups approximately 100 sq. ft. in the location indicated or, if not indicated, as directed by Director's Representative.
 - 2. If Director's Representative determines that mockups do not meet requirements, demolish and remove them from the site and cast others until mockups are approved.
 - 3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storage, mixing with other components, and application.
- B. Store materials to comply with manufacturer's written instructions to prevent deterioration from moisture or other detrimental effects.

1.7 FIELD CONDITIONS

- A. Environmental Limitations: Comply with manufacturer's written instructions for substrate temperature and moisture content, ambient temperature and humidity, ventilation, and other conditions affecting concrete floor topping performance.
 - 1. Place concrete floor topping only when ambient temperature and temperature of base slabs are between 50 and 86 deg F.
- B. Close areas to traffic during topping application and, after application, for time period recommended in writing by manufacturer.

PART 2 - PRODUCTS

2.1 CONCRETE FLOOR TOPPINGS

- A. Fiber Reinforcement: Provide synthetic fibers to reduce plastic shrinkage cracking and improve durability of concrete toppings.
 - 1. Material: 100 percent virgin polypropylene or polyethylene microfibers complying with ASTM C1116, Type III.
 - 2. Dosage: Minimum 1.5 lb per cubic yard of concrete, or as recommended by fiber manufacturer for shrinkage crack control.

3. Fibers shall be uniformly distributed in the concrete mix at time of batching in accordance with manufacturer's written instructions.
4. Fibers are not a replacement for structural reinforcement.

2.2 CURING MATERIALS

- A. Evaporation Retarder: Waterborne, monomolecular film forming; manufactured for application to fresh concrete.
- B. Absorptive Cover: AASHTO M 182, Class 2, burlap cloth made from jute or kenaf, weighing approximately 9 oz./sq. yd. when dry.
- C. Moisture-Retaining Cover: ASTM C171, polyethylene film or white burlap-polyethylene sheet.
- D. Water: Potable.
- E. Clear, Waterborne, Membrane-Forming Curing Compound: ASTM C309, Type 1, Class B, 25 percent solids content, minimum.

2.3 RELATED MATERIALS

- A. Semirigid Joint Filler: Two-component, semirigid, 100 percent solids aromatic polyurea with a Type A Shore durometer hardness range of 90 to 95 according to ASTM D2240.
- B. Portland Cement: ASTM C150, Type I or II.
- C. Sand: ASTM C404, fine aggregate passing No. 16 sieve.
- D. Water: Potable.
- E. Acrylic-Bonding Agent: ASTM C1059, Type II, non-redispersible, acrylic emulsion or styrene butadiene.
- F. Epoxy Adhesive: ASTM C881, Type V, two-component epoxy resin, capable of humid curing and bonding to damp surfaces, of class and grade to suit requirements.
- G. Power-Actuated Fasteners: Fastener systems with an evaluation report based on UNIFORM CODE-ES AC70.

2.4 MIXING

- A. Bonding Slurry: Mix Portland cement with water to a thick paint consistency.
- B. Bonding Slurry: Mix 1 part Portland cement and 2 parts sand with water and an acrylic-bonding agent according to manufacturer's written instructions to a thick paint consistency.
- C. Floor Topping: Mix concrete floor topping materials and water in appropriate drum-type batch machine mixer or truck mixer according to manufacturer's written instructions.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for conditions affecting performance of the Work.
- B. Verify that base concrete slabs comply with scratch finish requirements specified in Section 033001 "Cast-in-Place Concrete."
- C. Verify that base slabs are visibly dry and free of moisture. Test for capillary moisture by the plastic sheet method according to ASTM D4263.
- D. Proceed with application only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Existing Concrete: Remove existing surface treatments and deteriorated and unsound concrete. Mechanically abrade base slabs to produce a heavily scarified surface profile with an amplitude of 1/4 inch.
 - 1. Prepare and clean existing base slabs according to concrete floor topping manufacturer's written instructions. Fill voids, cracks, and cavities in base slabs.
 - 2. Mechanically remove contaminants from existing concrete that might impair bond of floor topping.
 - 3. Saw cut contraction and construction joints in existing concrete to a depth of 1/2 inch and fill with semirigid joint filler.
 - 4. To both sides of joint edges and at perimeter of existing base slab, mechanically remove a 4-inch- wide and 0- to 1-inch- deep, tapered wedge of concrete and retexture surface.
- B. Install joint-filler strips where topping abuts vertical surfaces, such as column pedestals, foundation walls, grade beams, and other locations, as indicated.
 - 1. Extend joint-filler strips full width and depth of joint, terminating flush with topping surface unless otherwise indicated.
 - 2. Terminate full-width, joint-filler strips 1/2 inch below topping surface where joint sealants, specified in Section 079200 "Joint Sealants," are indicated.
 - 3. Install joint-filler strips in lengths as long as practicable. Where more than one length is required, lace or clip sections together.
- C. Install power-actuated fasteners according to written directions of floor topping manufacturer at perimeter of areas that are to receive floor topping, including both edges of locations where joints will be formed in floor topping.

3.3 FLOOR TOPPING APPLICATION

- A. Start floor topping application in presence of manufacturer's technical representative.

- B. Monolithic Floor Topping: After textured-float finish is applied to fresh concrete of base slabs specified in Section 033001 "Cast-in-Place Concrete," place concrete floor topping while concrete is still plastic.
- C. Deferred Floor Topping: Within 72 hours of placing base slabs, mix and scrub bonding slurry into dampened concrete to a thickness of 1/16 to 1/8 inch, without puddling. Place floor topping while slurry is still tacky.
- D. Existing Concrete: Apply epoxy-bonding adhesive, mixed according to manufacturer's written instructions, and scrub into dry base slabs to a thickness of 1/16 to 1/8 inch, without puddling. Place floor topping while adhesive is still tacky.
- E. Place concrete floor topping continuously in a single layer, tamping and consolidating to achieve tight contact with bonding surface. Do not permit cold joints or seams to develop within pour strip.
 - 1. Screed surface with a straightedge and strike off to correct elevations.
 - 2. Slope surfaces uniformly where indicated.
 - 3. Begin initial floating, using bull floats to form a uniform and open-textured surface plane free of humps or hollows.
- F. Finishing: Consolidate surface with power-driven floats as soon as concrete floor topping can support equipment and operator. Restraighten, cut down high spots, and fill low spots. Repeat float passes and restraightening until concrete floor topping surface has a uniform, smooth, granular texture.
 - 1. Hard Trowel Finish: After floating surface, apply first trowel finish and consolidate concrete floor topping by power-driven trowel without allowing blisters to develop. Continue troweling passes and restraighten until surface is smooth and uniform in texture.
 - a. Finish surfaces to specified overall values of flatness, F(F) 25; and of levelness, F(L) 20; with minimum local values of flatness, F(F) 17; and of levelness, F(L) 15, and measure within 24 hours according to ASTM E1155 for a randomly trafficked floor surface.
 - b. Finish and measure surface, so gap at any point between surface and an unleveled freestanding 10-foot- long straightedge, resting on two high spots and placed anywhere on the surface, does not exceed 1/4 inch.
- G. Construction Joints: Construct joints true to line with faces perpendicular to surface plane of concrete floor topping, at locations indicated or as approved by Director's Representative.
 - 1. Coat face of construction joint with epoxy adhesive at locations where concrete floor topping is placed against hardened or partially hardened concrete floor topping.
- H. Contraction Joints: Form weakened-plane contraction joints with power saws equipped with shatterproof abrasive or diamond-rimmed blades. Cut 1/8-inch- wide joints into concrete floor topping when cutting action will not tear, abrade, or otherwise damage surface and before random contraction cracks develop.
 - 1. Form joints in concrete floor topping over contraction joints in base slabs unless otherwise indicated.

2. Construct contraction joints for a combined depth equal to topping thickness and not less than one-fourth of base-slab thickness.
3. Construct contraction joints for a depth equal to one-half of concrete floor topping thickness, but not less than 1/2 inch deep.

3.4 PROTECTING AND CURING

- A. General: Protect freshly placed concrete floor topping from premature drying and excessive cold or hot temperatures.
- B. Evaporation Retarder: Apply evaporation retarder to concrete floor topping surfaces in hot, dry, or windy conditions before and during finishing operations. Apply according to manufacturer's written instructions after placing, screeding, and bull floating or darbying floor topping, but before float finishing.
- C. Begin curing immediately after finishing concrete floor topping. Cure by one or a combination of the following methods, according to concrete floor topping manufacturer's written instructions:
 1. Moisture Curing: Keep surfaces continuously moist for not less than seven days with absorptive cover, water saturated and kept continuously wet. Cover topping surfaces and edges with 12-inch lap over adjacent absorptive covers.
 2. Moisture-Retaining-Cover Curing: Cover concrete surfaces with moisture-retaining cover for curing concrete, placed in widest practicable width, with sides and ends lapped at least 12 inches, and sealed by waterproof tape or adhesive. Cure for not less than seven days. Immediately repair any holes or tears during curing period, using cover material and waterproof tape.
 3. Curing Compound: Apply uniformly in two coats in continuous operations by power spray or roller according to manufacturer's written instructions. Recoat areas subjected to heavy rainfall within three hours after initial application. Maintain continuity of coating and repair damage during curing period.

3.5 JOINT FILLING

- A. Prepare and clean contraction joints and install semirigid joint filler, according to manufacturer's written instructions, once topping has fully cured.
- B. Remove dirt, debris, saw cuttings, curing compounds, and sealers from joints; leave contact faces of joints clean and dry.
- C. Install semirigid joint filler full depth of contraction joints. Overfill joint and trim semirigid joint filler flush with top of joint after hardening.

3.6 REPAIR

- A. Defective Topping: Repair and patch defective concrete floor topping areas, including areas that have not bonded to concrete substrate.

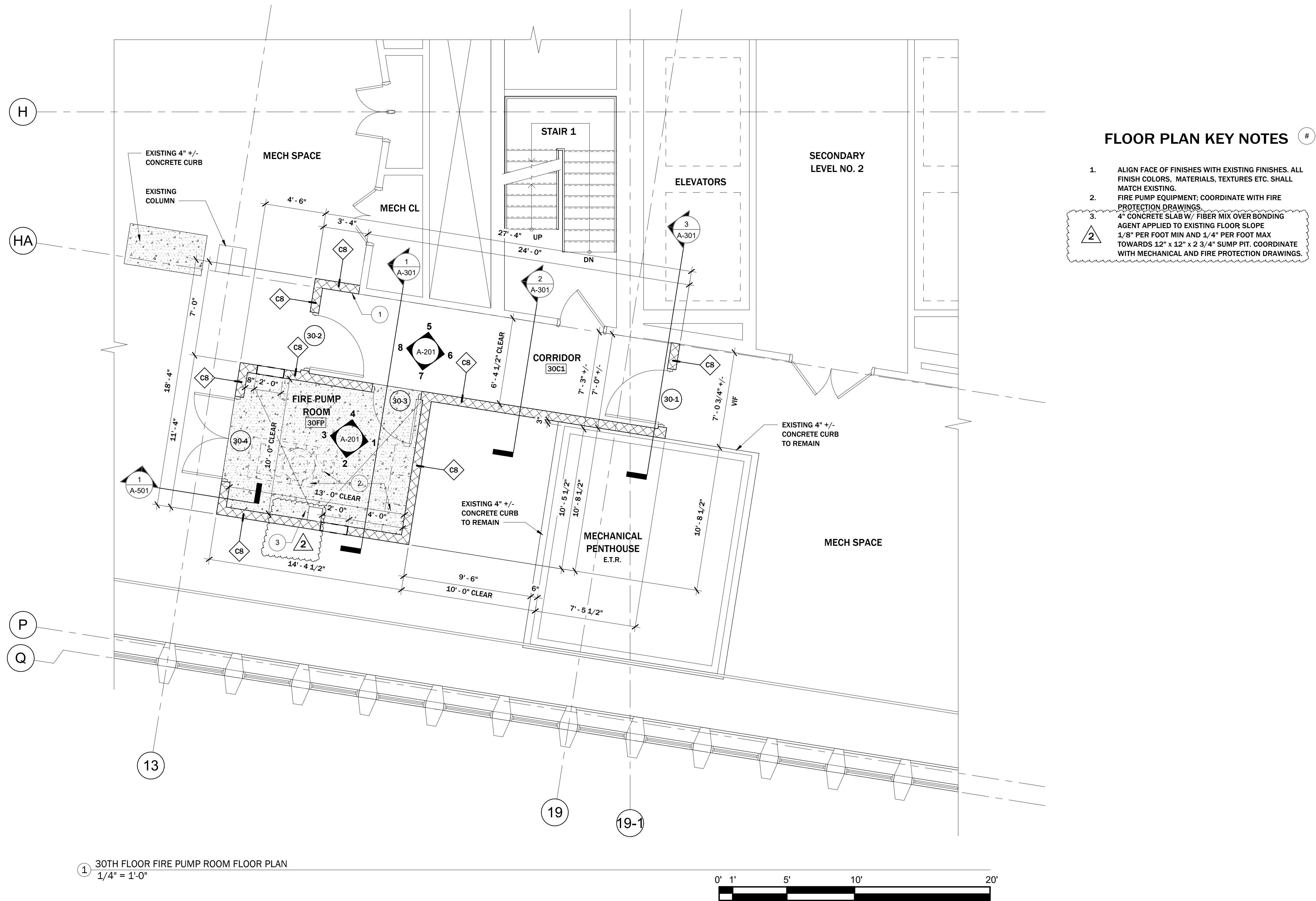
3.7 FIELD QUALITY CONTROL

- A. Testing Agency: Director's Representative will engage a qualified independent testing and inspecting agency to perform field tests and inspections and prepare test reports.
- B. Testing Services: Testing and inspecting of completed applications of concrete floor toppings shall take place in successive stages, in areas of extent and using methods as follows:
 - 1. Sample Sets: At point of placement, a set of three molded-cube samples shall be taken from the topping mix for the first 1000 sq. ft., plus one set of samples for each subsequent 5000 sq. ft. of topping, or fraction thereof, but not less than six samples for each day's placement. Samples shall be tested according to ASTM C109 for compliance with compressive-strength requirements.
 - 2. Concrete floor topping shall be tested for delamination by dragging a steel chain over the surface.
 - 3. Concrete floor topping shall be tested for compliance with surface flatness and levelness tolerances.
- C. Remove and replace applications of concrete floor topping where test results indicate that it does not comply with specified requirements.
- D. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

END OF SECTION 035300

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38x24 PLOT SHEET



WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



CONSTRUCTION

TITLE:
PROVIDE FIRE PROTECTION MODIFICATIONS

LOCATION:
CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF
GENERAL SERVICES

02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER:
47000 - C

DESIGNED BY:
FSW

DRAWN BY:
CRB

FIELD CHECK:
STB

APPROVED:
RTK

SHEET TITLE:

ARCHITECTURAL 30TH
FLOOR FIRE PUMP
ROOM FLOOR PLAN

DRAWING NUMBER:

A-102



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REGISTRATION EXPIRES: 2/28/26

CONTRACT: **CONSTRUCTION**

FILE: **PROVIDE FIRE PROTECTION MODIFICATIONS**

LOCATION: CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

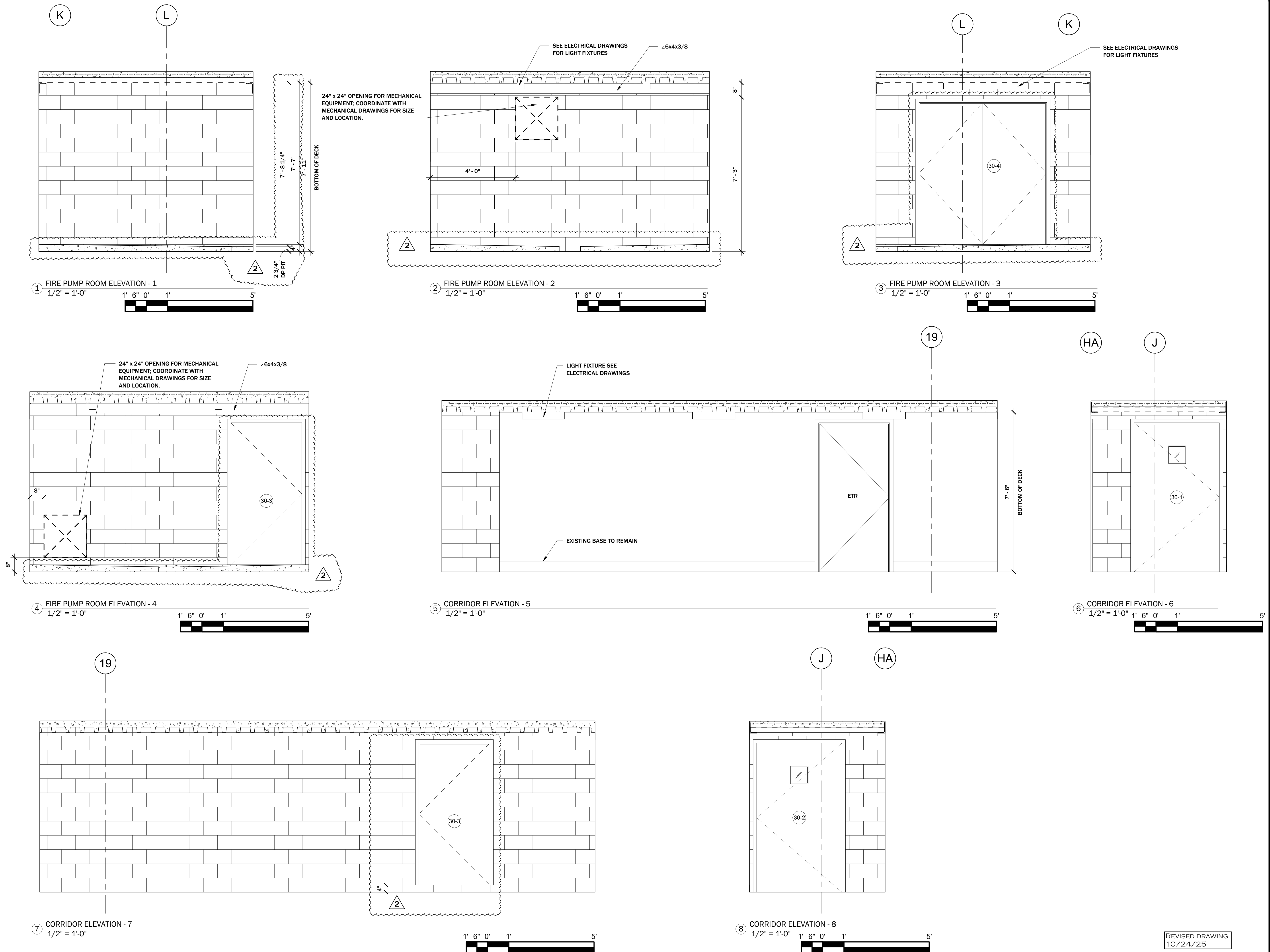
IENT: **NEW YORK STATE OFFICE OF
GENERAL SERVICES**

02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
ARK	DATE	DESCRIPTION
PROJECT NUMBER:	47000 - C	
DESIGNED BY:	FSW	
DRAWN BY:	CRB	
FIELD CHECK:	STB	
PPROVED:	RTK	

ARCHITECTURAL 30TH
FLOOR FIRE PUMP
ROOM ELEVATIONS

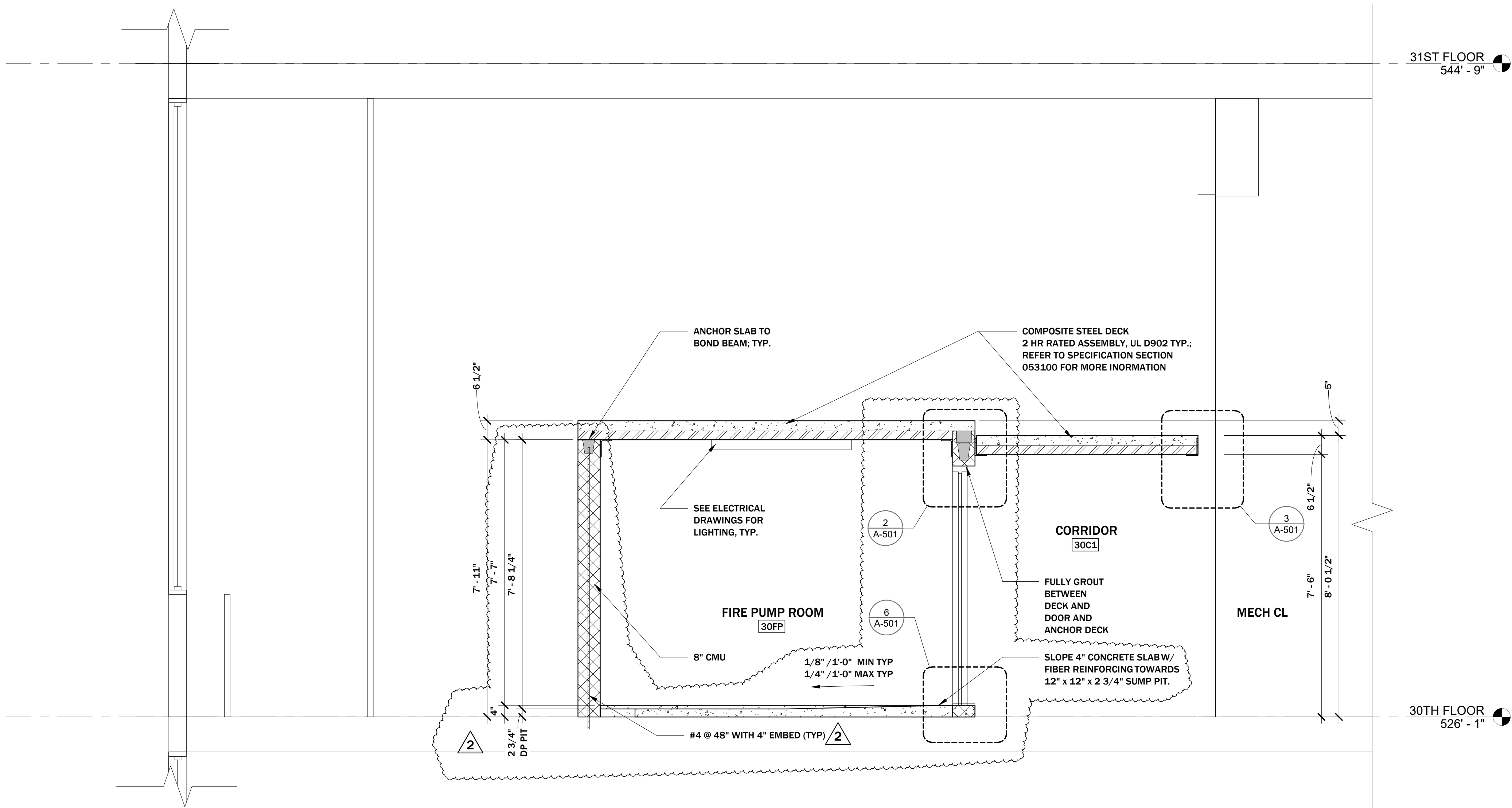
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SHEET 8 OF 40

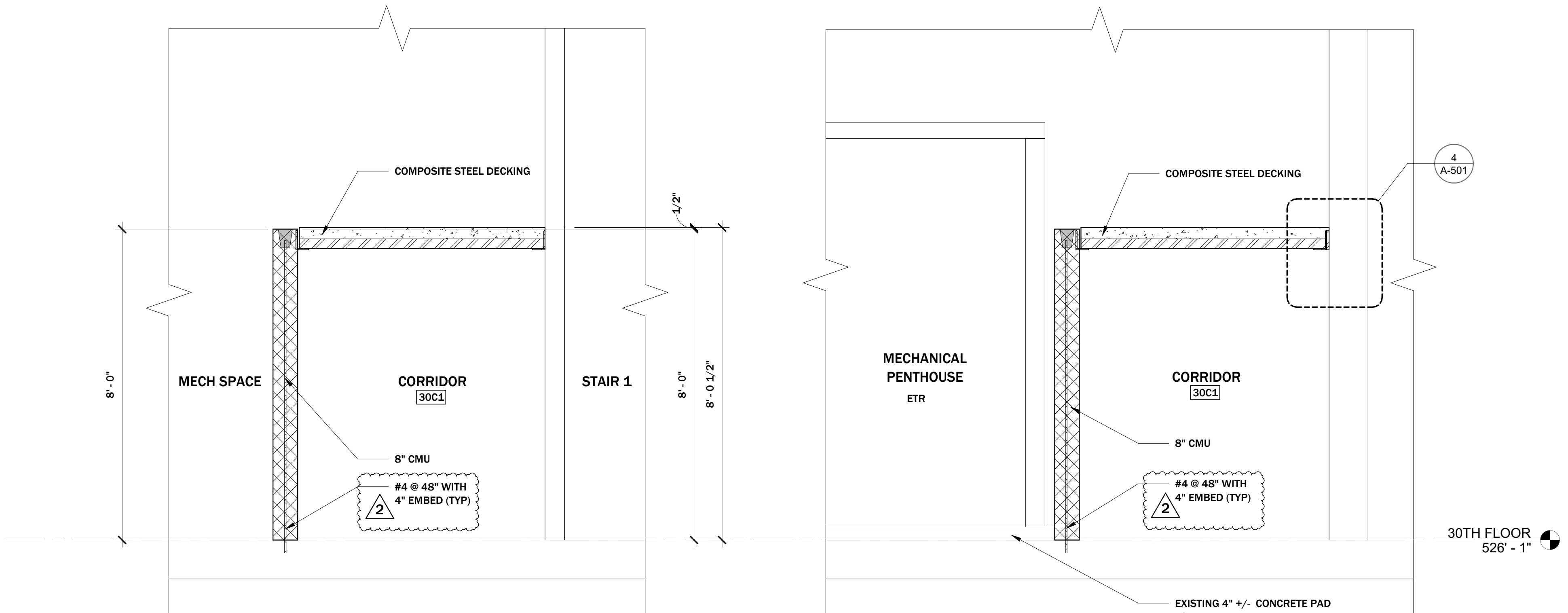


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38x24 PLOT SHEET



1 PARTIAL BUILDING SECTION - FIRE PUMP ROOM
1/2" = 1'-0"



2 PARTIAL BUILDING SECTION - CORRIDOR
1/2" = 1'-0"



3 PARTIAL BUILDING SECTION - CORRIDOR AT CURB
1/2" = 1'-0"



REVISED DRAWING
10/24/25

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REGISTRATION EXPIRES: 2/28/26

CONTRACT:

CONSTRUCTION

TITLE: PROVIDE FIRE PROTECTION MODIFICATIONS

LOCATION: CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT: NEW YORK STATE OFFICE OF
GENERAL SERVICES

02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER: 47000 - C

DESIGNED BY: FSW

DRAWN BY: CRB

FIELD CHECK: STB

APPROVED: RTK

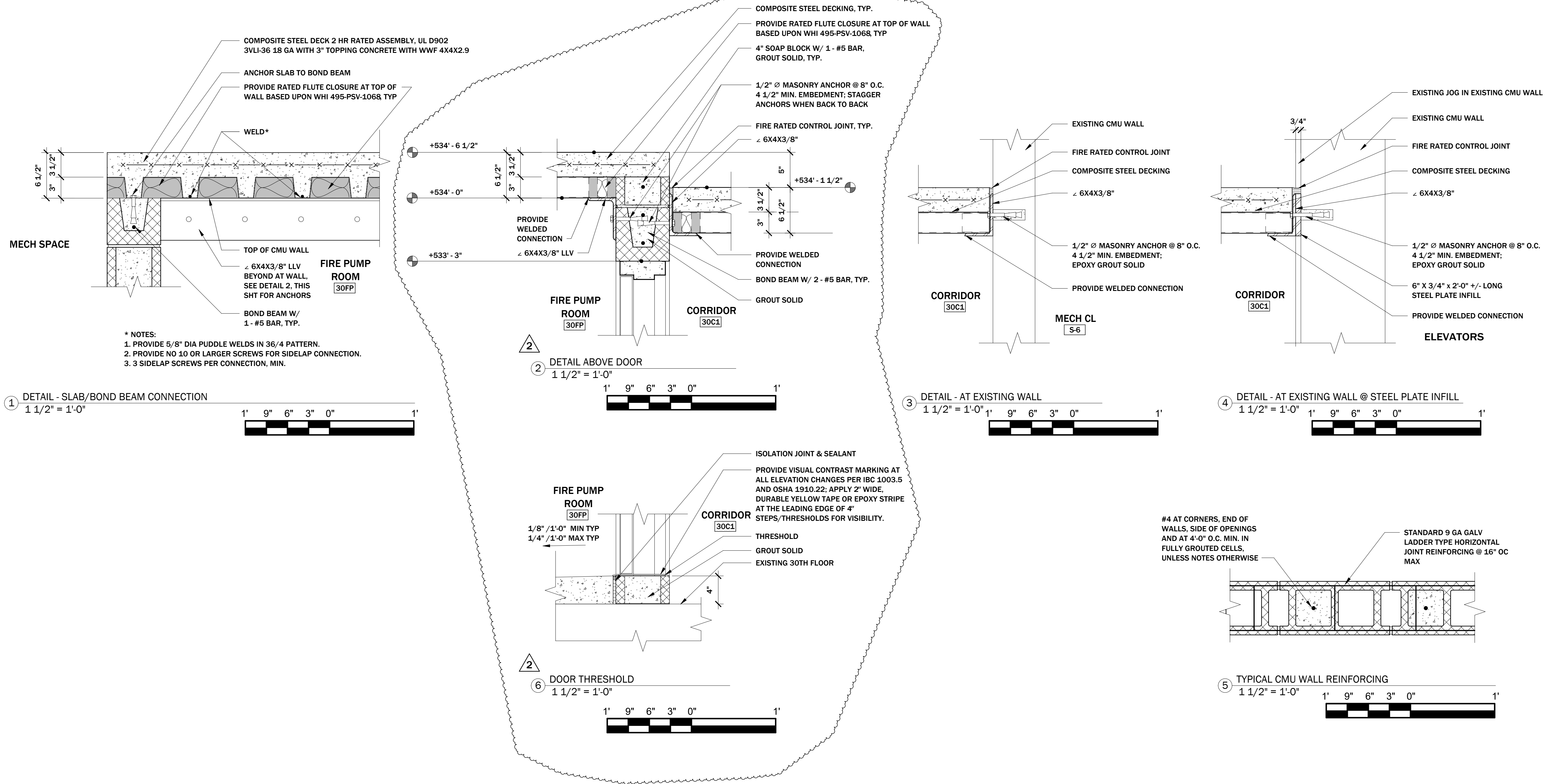
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ARCHITECTURAL WALL
SECTIONS

DRAWING NUMBER:

A-301

SHEET 9 OF 40



REVISED DRAWING
10/24/25



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CONTRACT: **CONSTRUCTION**

TITLE: **PROVIDE FIRE PROTECTION MODIFICATIONS**

LOCATION: **CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY**

CLIENT: **NEW YORK STATE OFFICE OF
GENERAL SERVICES**

02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER: **47000 - C**

DESIGNED BY: **FSW**

DRAWN BY: **CRB**

FIELD CHECK: **STB**

APPROVED: **RTK**

SHEET TITLE: **ARCHITECTURAL
DETAILS**

DRAWING NUMBER: **A-501**



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REGISTRATION EXPIRES: 2/28/26

CONTRACT:

CONSTRUCTION

TITLE:

PROVIDE FIRE PROTECTION MODIFICATIONS

LOCATION:

CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:

NEW YORK STATE OFFICE OF
GENERAL SERVICES

02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	47000 - C
DESIGNED BY:	FSW
DRAWN BY:	CRB
FIELD CHECK:	STB
APPROVED:	RTK

SHEET TITLE:

ARCHITECTURAL
SCHEDULES

DRAWING NUMBER:

A-601

STEEL LINTEL SCHEDULE

MAX MASONRY OPENING	WALL THICKNESS			
	4" WALL	6" WALL	8" WALL	12" WALL
3' - 0"	1 - L3 1/2 x 3 1/2 x 1/4	2 - L3 x 2 1/2 x 1/4	2 - L3 1/2 x 3 1/2 x 1/4	3 - L3 1/2 x 3 1/2 x 1/4
4' - 0"	1 - L4 x 3 1/2 x 1/4	2 - L3 x 2 1/2 x 1/4	2 - L4 x 3 1/2 x 1/4	3 - L4 x 3 1/2 x 1/4
5' - 0"	1 - L4 x 3 1/2 x 1/4	2 - L3 1/2 x 2 1/2 x 1/4	2 - L5 x 3 1/2 x 1/4	3 - L5 x 3 1/2 x 1/4
6' - 0"	1 - L5 x 3 1/2 x 1/4	2 - L5 x 3 x 1/4	2 - L5 x 3 1/2 x 1/4	3 - L5 x 3 1/2 x 1/4
8' - 0"	1 - L6 x 3 1/2 x 5/16	2 - L6 x 3 1/2 x 3/8	2 - L6 x 3 1/2 x 3/8	3 - L6 x 3 1/2 x 3/8

- PROVIDE AND INSTALL ANGLES FOR MASONRY OPENINGS IN ACCORDANCE WITH THE SCHEDULE ABOVE.

- WHEN LINTEL SIZE VARIES FROM ARCH'L OR STRUCTURAL PLANS, LARGER SIZE SHALL BE PROVIDED.

- INSTALL LONG LEG VERTICAL.

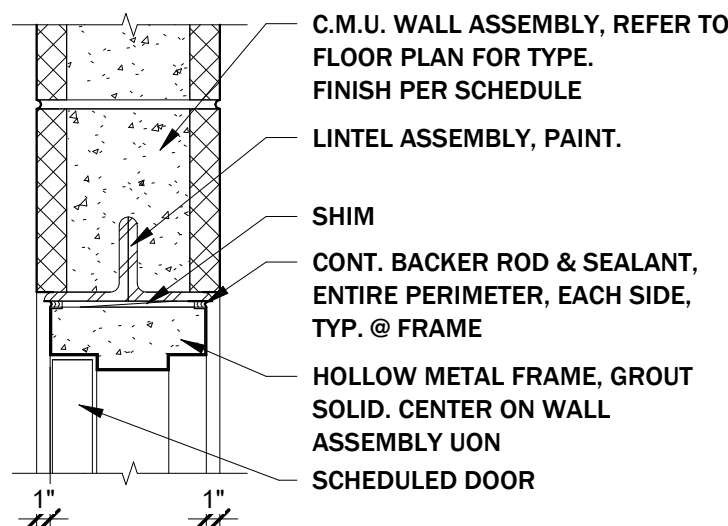
- PROVIDE 6" MINIMUM BEARING AT EACH END BUT NOT LESS THAN 1" PER FOOT OF SPAN.
FILL 2 COURSES OF MASONRY BELOW BEARING WITH MORTAR.

DOOR SCHEDULE

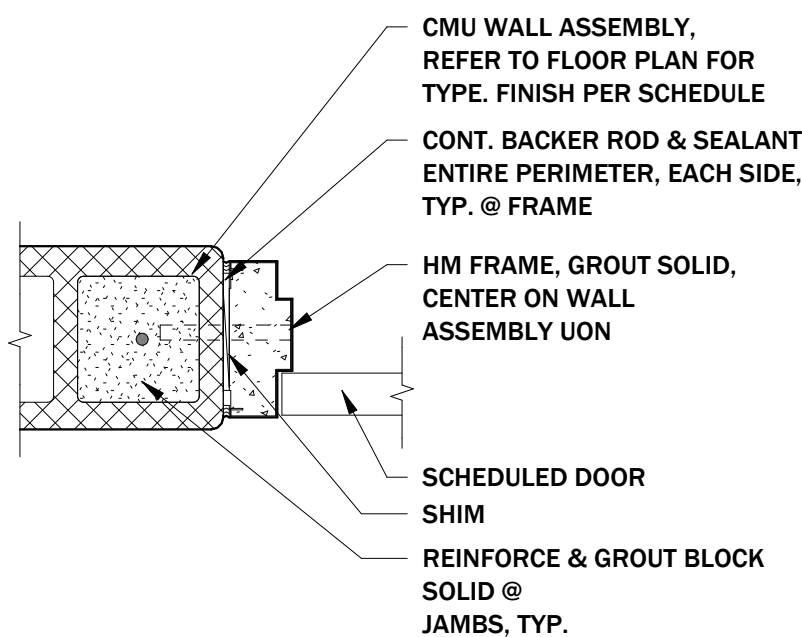
MARK	LEAF QUANTITY	DOOR					FRAME		DETAIL		HARDWARE GROUP	GLASS TYPE	FIRE RATING (MINUTES)	COMMENTS
		WIDTH	HEIGHT	TYPE	MATERIAL		TYPE	MATL	HEAD	JAMB				
30-1	1	4' - 0"	7' - 0"	VL	HM-PT		F1	STL-PT	1	2	3	C	90	
30-2	1	4' - 0"	7' - 0"	VL	HM-PT		F1	STL-PT	1	2	3	C	90	
30-3	1	3' - 4"	6' - 8"	F	HM-PT		F1	STL-PT	1	2	2	-	90	
30-4	2	3' - 0"	6' - 8"	F	HM-PT		F1	STL-PT	1	2	1	-	90	
B001	2	3' - 0"	7' - 0"	F	HM-PT		F1	STL-PT	1	2	1	-	90	SEE DETAILS 3 & 4 THIS SHEET

NOTES:

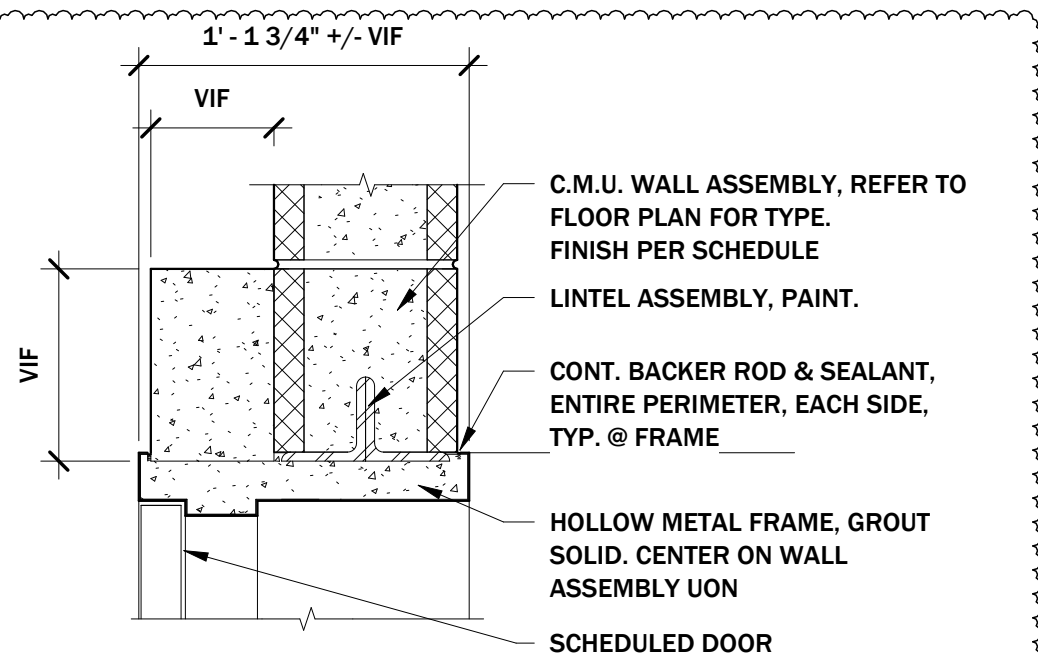
- SEE SPECIFICATION SECTION 087100 FOR HARDWARE GROUPS
- SEE SPECIFICATION SECTION 088100 FOR GLASS TYPE



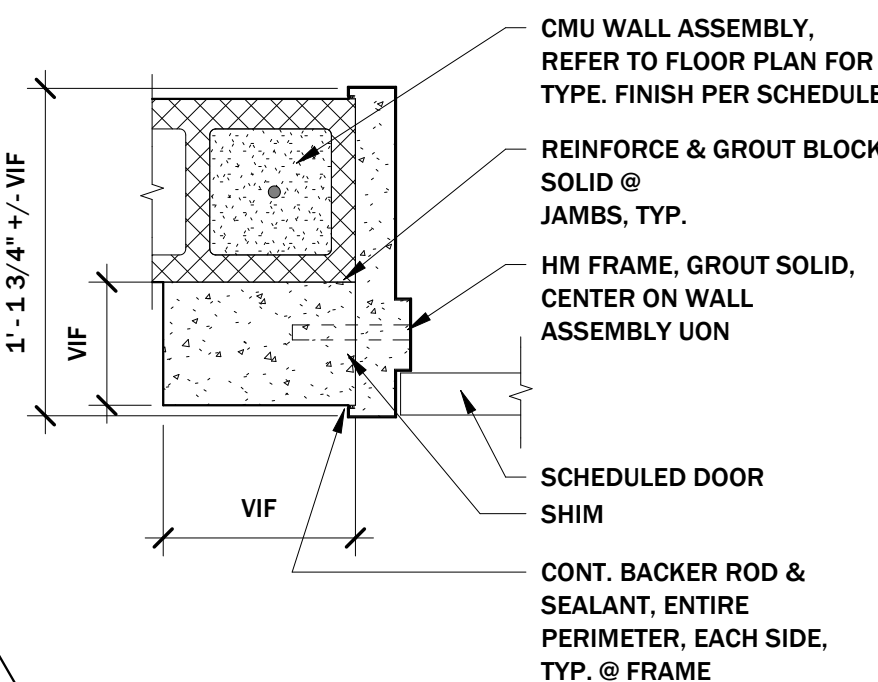
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1 1/2" = 1'-0"



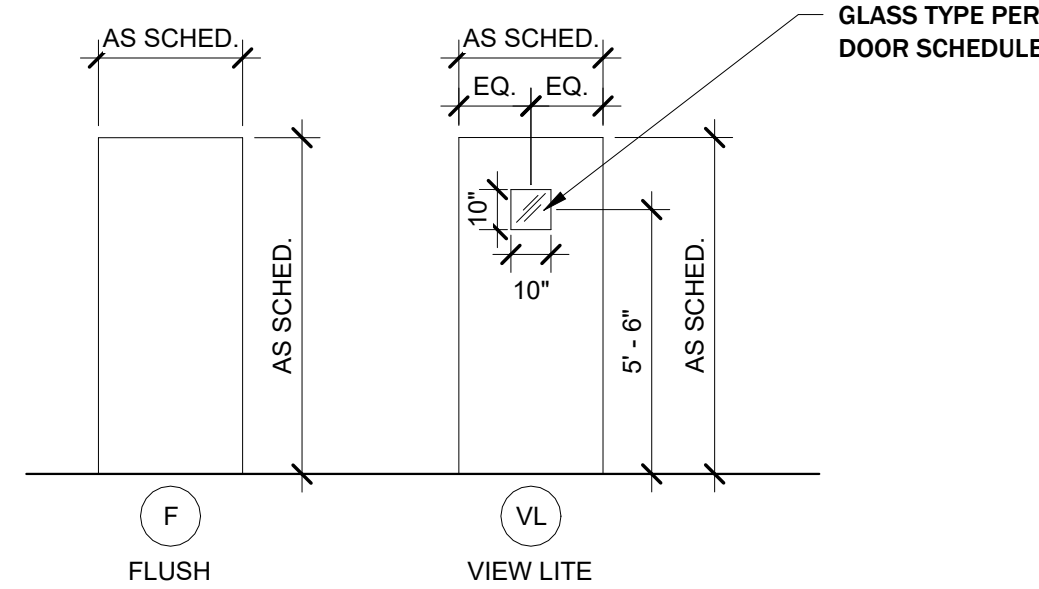
2 JAMB DETAIL
1 1/2" = 1'-0"



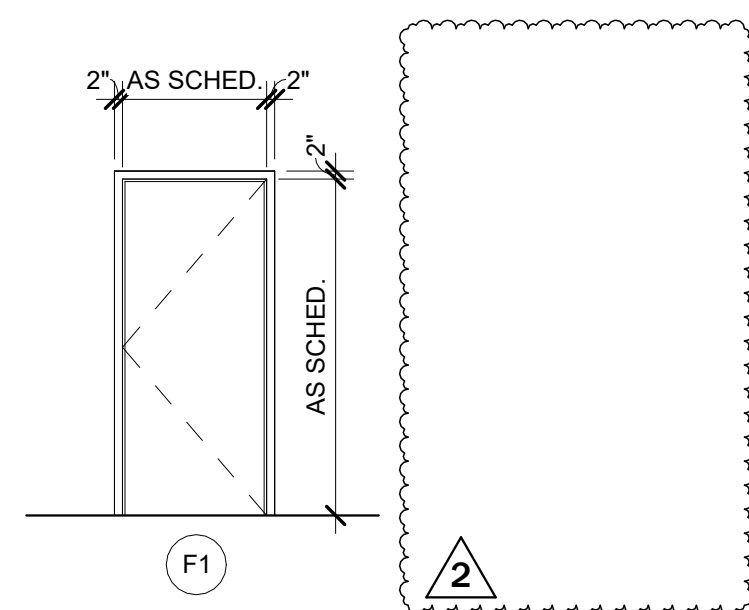
3 HEAD DETAIL
1 1/2" = 1'-0"



4 JAMB DETAIL
1 1/2" = 1'-0"

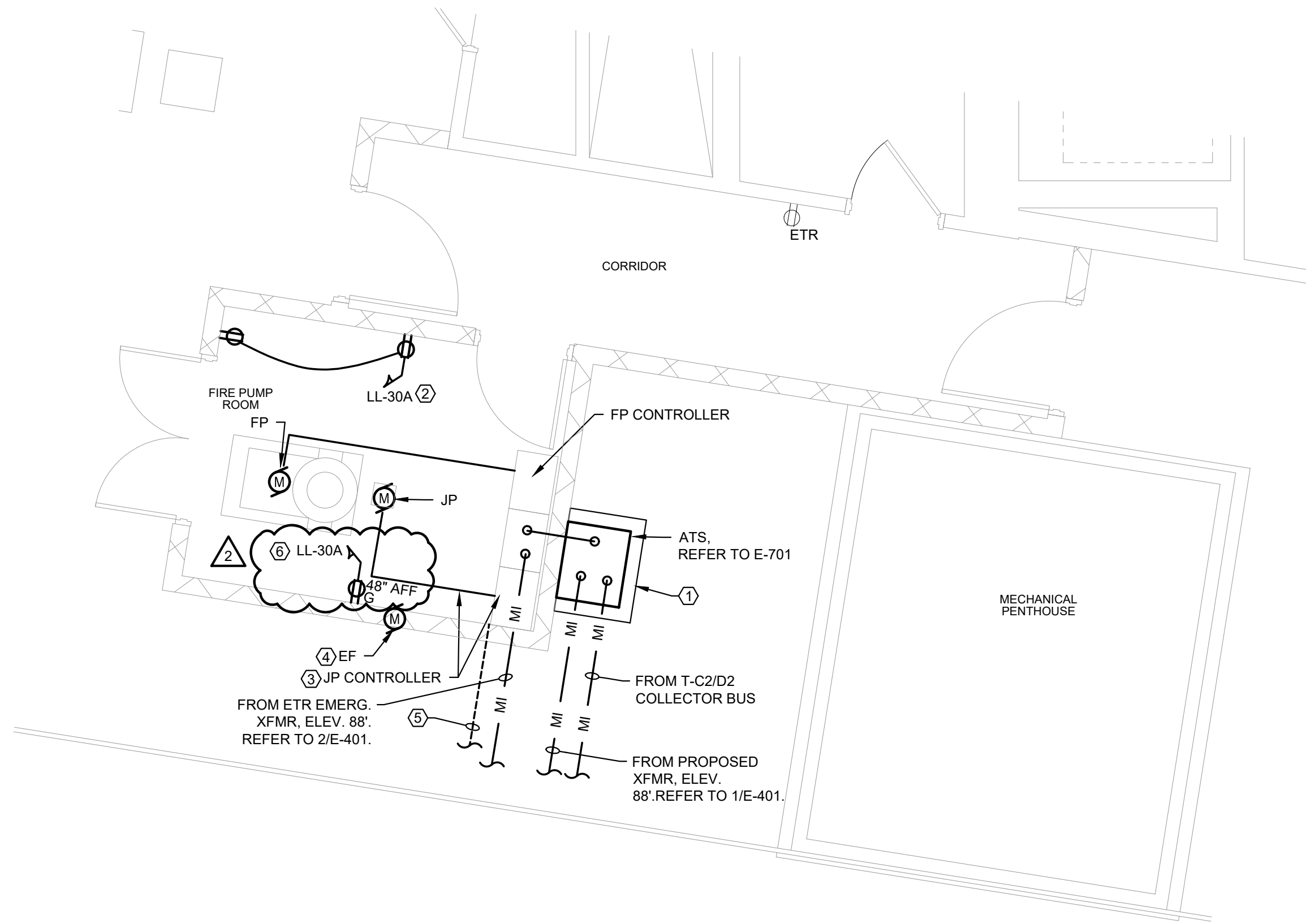


5 DOOR TYPES
1/4" = 1'-0"

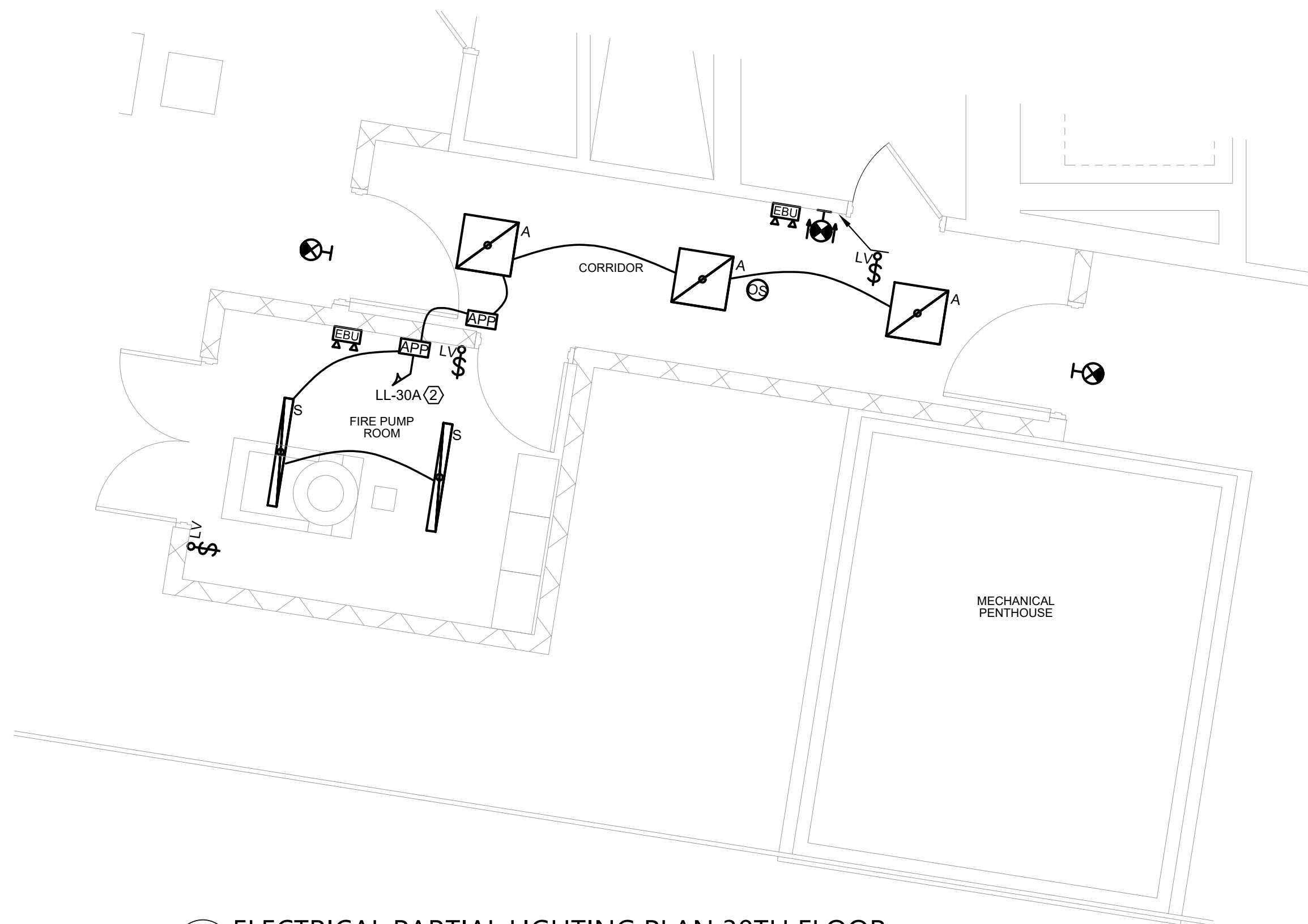


6 FRAME TYPES
1/4" = 1'-0"

REVISED DRAWING
10/21/25



1 ELECTRICAL PARTIAL POWER PLAN 30TH FLOOR
SCALE: 1/4" = 1'-0"



2 ELECTRICAL PARTIAL LIGHTING PLAN 30TH FLOOR
SCALE: 1/4" = 1'-0"

GENERAL DRAWING NOTES:

1. REFER TO E-001 FOR ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL PROJECT NOTES.
2. REFER TO E-601 FOR RACEWAY SCHEDULE FOR APPROVED RACEWAY USAGE.
3. REFER TO E-601 FOR BRANCH CIRCUIT SCHEDULE (BCS) FOR CIRCUIT REQUIREMENTS.
4. INSTALLATION SHALL BE PER NECA1 GUIDELINES.
5. PROVIDE HANGERS & SUPPORTS.
6. PROVIDE GROUNDING PER NEC FOR ALL ELECTRICAL EQUIPMENT AND ASSOCIATED EQUIPMENT.
7. PROVIDE WALL CORE DRILL/PENETRATIONS WHERE REQUIRED. PROVIDE UL-LISTED FIRESTOPPING.
8. REFER TO E-601 FOR FEEDER & CIRCUIT SIZING.
9. REFER TO E-601 FOR FEEDER & MI CABLE SCHEDULES.
10. FEEDER ROUTES SHOWN ARE SUGGESTED PATHS. WALK & VERIFY PRIOR TO COMMENCEMENT OF INSTALLATION. NOTIFY ENGINEER OF ANY CONCERNS OR POTENTIAL ISSUES.
11. NOT ALL MISC. CIRCUIT REQUIREMENTS (SUCH AS ATS START CONDUCTORS) ARE SHOWN ON THIS DRAWING. REFER TO E-701 AND E-702 FOR ADDITIONAL REQUIREMENTS.

DRAWING KEY NOTES:

1. PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
2. PROVIDE (2)#12 & #12G, 3/4"C. PROVIDE 20/1 CIRCUIT BREAKER WITHIN EXISTING PANEL.
3. JOCKEY PUMP (JP) CONTROLLER. WALL MOUNT. COORDINATE LOCATION WITH N CONTRACT. PROVIDE INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PANEL REQUIRES A DEDICATED 480V/3P, 20A CIRCUIT. PROVIDE VIA PANEL DP-30A (SEE DRAWING E-102). PROVIDE CIRCUIT IN ACCORDANCE WITH BRANCH CIRCUIT SCHEDULE AND RACEWAY SCHEDULE.
4. EXHAUST FAN. PROVIDE 20A, 120V CIRCUIT (1/4HP). PROVIDE 20A, 120V CIRCUIT TO PANEL LL-30A. PROVIDE 20/1 CIRCUIT BREAKER WITHIN EXISTING PANEL.
5. PROVIDE 1" CONDUIT BETWEEN FIRE PUMP PUMP ROOM IN BASEMENT TO FIRE PUMP ROOM AT 30th FLOOR TO FACILITATE CONTROL WIRING REQUIREMENTS. CONDUIT SHALL FOLLOW SIMILAR PATH TO MI CABLING.
6. PROVIDE (2)#12 & #12G, 3/4"C. PROVIDE 20/1 CIRCUIT BREAKER WITHIN EXISTING PANEL & LABEL AS SUMP PUMP.

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION #: 018416



GHD Consulting Services Inc.

WARNING:

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CONTRACT:

CONSTRUCTION

TITLE: PROVIDE FIRE PROTECTION MODIFICATIONS

LOCATION: CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT: NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS

PROJECT NUMBER: 47000-C

DESIGNED BY: BCW

DRAWN BY: KJM

FIELD CHECK: STB

APPROVED: RTK

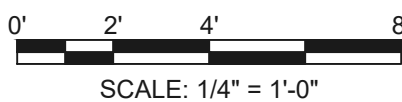
SHEET TITLE:

ELECTRICAL
PARTIAL PLANS

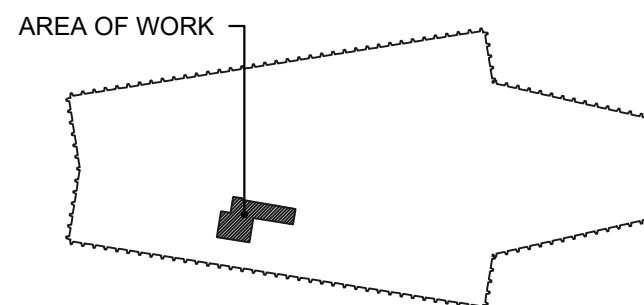
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E-103

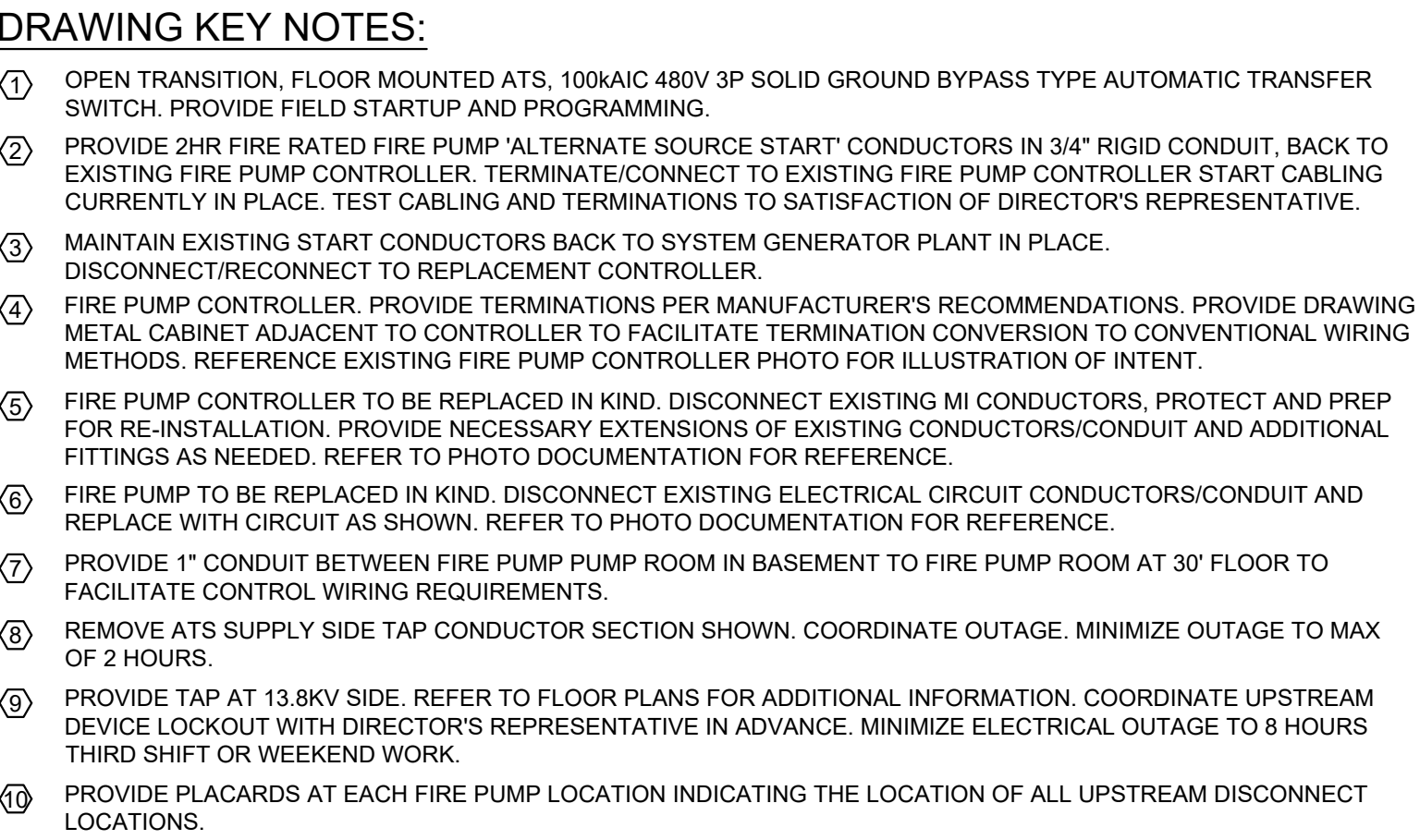
SHEET 28 OF 40



REVISED DRAWING
10/24/25



KEY PLAN
SCALE: NTS



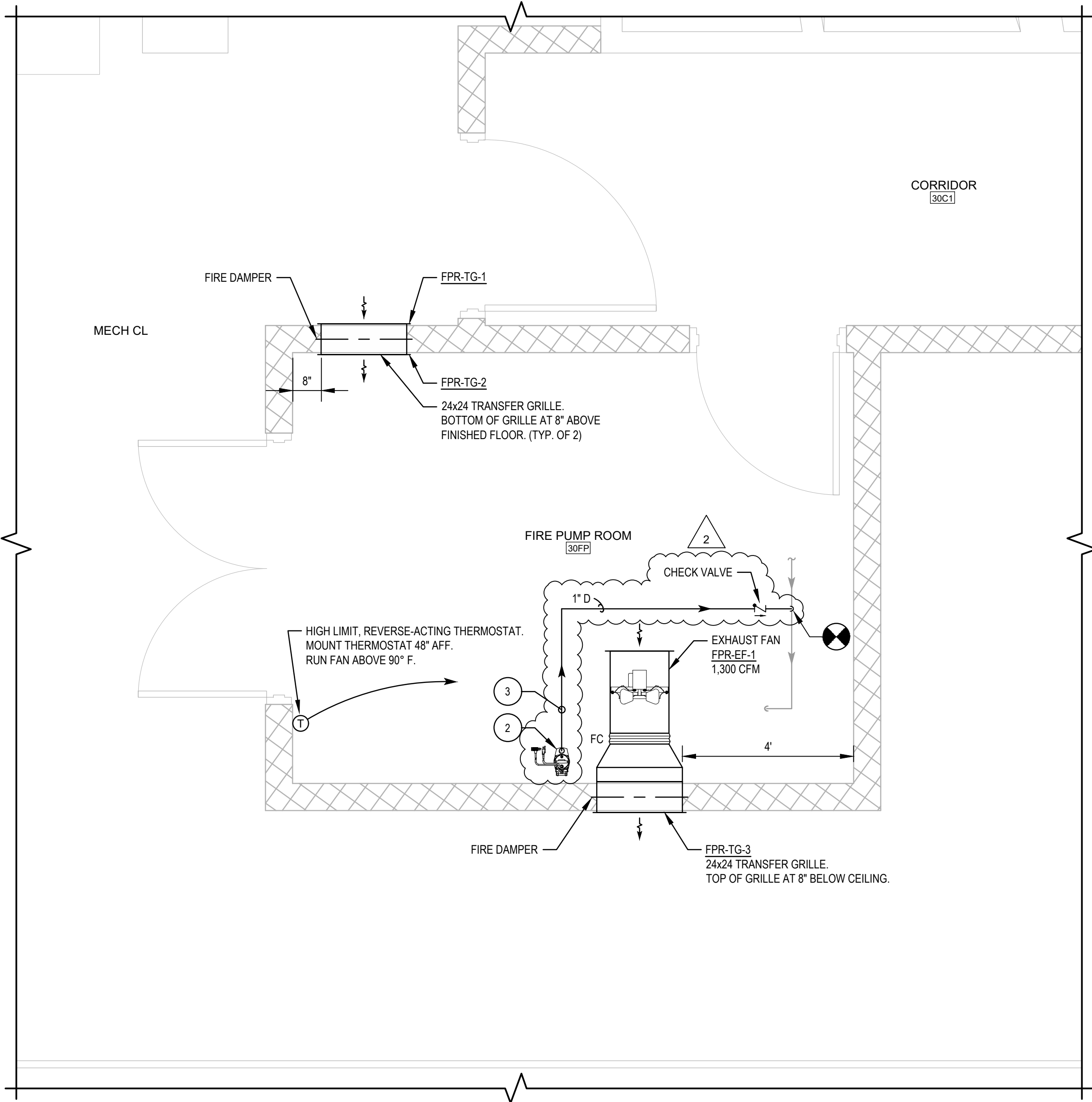
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C:\ASK\AC2025\GHD Services Pty Ltd\12610020 - NYSOGS-47000 Corning Twr FP Mods\Project Files\01 WIP\04 - Building Mechanical\47000 M-401.dwg
36x24 PLOT SHEET

DUCTLESS SPLIT SYSTEM SCHEDULE																								
UNIT NO.	LOCATION	SERVICE	INDOOR UNIT POWER				CFM	EAT COND UNIT (DEG. F)	COOLING COIL						TOTAL TONS	CONDENSING UNIT					DESIGN PRODUCT		REMARKS	
			W	VOLTS	PHASE	MCA (AMPS)			EAT		LAT	SENSIBLE CAP (MBH)	LATENT CAP (MBH)	UNIT NO.		MCA (AMPS)	MOCP (AMPS)	VOLTS	PHASE	SEER2	INDOOR	OUTDOOR		
									DB (DEG. F)	WB (DEG. F)														DB (DEG. F)
XFMR-AC-1	TRANSFORMER ROOM	SAME	30	208	1	1.0	385	95	80	67	58	55	10.5	1.5	1	XFMR-ACCU-1	11.0	28	208	1	21.3	MITSUBISHI PKA-A12LA1	MITSUBISHI PUY-A12NKA7	

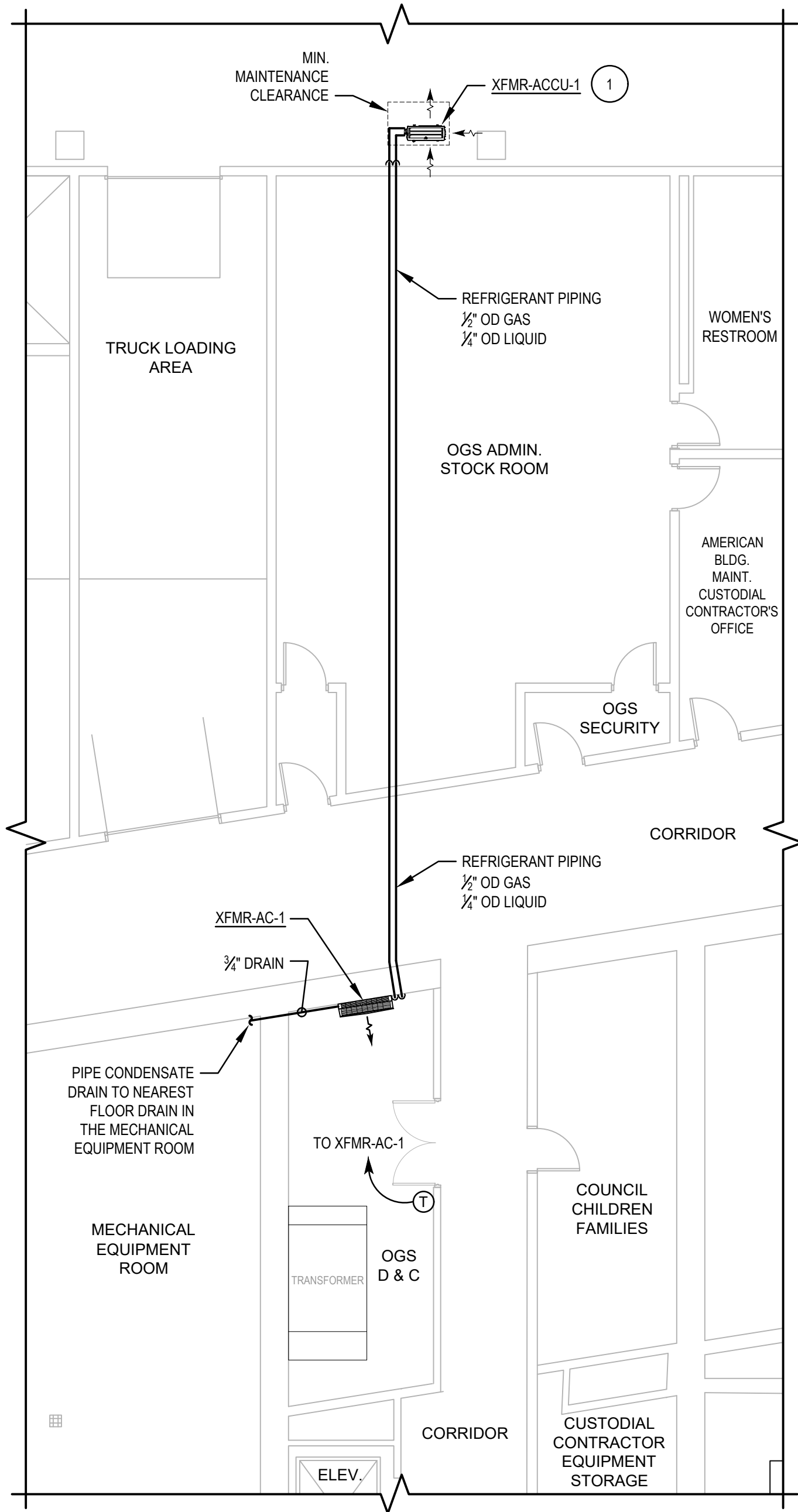
FAN SCHEDULE																	
UNIT NO.	LOCATION	SERVICE	MOTOR				TYPE	CFM	S.P. (IN. WC)	FAN DIA. (IN.)	BLADE TYPE	FAN RPM	DRIVE	FA SONES	DESIGN PRODUCT	REMARKS	
			HP	WATTS	RPM	VOLTS											PHASE
FPR-EF-1	30TH FLOOR FIRE PUMP ROOM	30TH FLOOR FIRE PUMP ROOM	1/4	160	1,300	120	1	WALL MOUNTED	1,300	0.1	12	ALUMINUM PROPELLER	1,300	DIRECT	5.8	COOK XWD 12XW36D132	

LOUVER/GRILLE SCHEDULE													
UNIT ID	ROOM SERVED	SERVICE	TYPE	DUCT AREA (SQFT)	DIMENSIONS (W" x H")	AIRFLOW (CFM)	NECK VELOCITY (FPM)	MAX PRESSURE DROP (IN. WG)	SOUND LEVEL (NC)	BLADE ANGLE	DESIGN BASIS		REMARKS
											MANUFACTURER	MODEL	
FPR-TG-1	30TH FLOOR FIRE PUMP ROOM	30TH FLOOR FIRE PUMP ROOM	INTAKE	4.0	24" x 24"	1,300	346	-0.004	11	HORIZ., 0°	KRUEGER	S80	1
FPR-TG-2	30TH FLOOR FIRE PUMP ROOM	30TH FLOOR FIRE PUMP ROOM	INTAKE	4.0	24" x 24"	1,300	346	-0.004	11	HORIZ., 0°	KRUEGER	S80	1
FPR-TG-3	30TH FLOOR FIRE PUMP ROOM	30TH FLOOR FIRE PUMP ROOM	EXHAUST	4.0	24" x 24"	1,300	346	0.020	12	HORIZ., 0°	KRUEGER	80	2
FPR-SG-1	30TH FLOOR MECHANICAL ROOM	30TH FLOOR MECHANICAL ROOM	SUPPLY	14.2	64" x 32"	7,000	510	0.044	28	HORIZ., 0°	KRUEGER	880	3

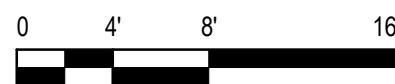
REMARKS:
1. STEEL, FIXED DEFLECTION RETURN WITH 3/4" BLADE SPACING.
2. STEEL, SINGLE DEFLECTION SUPPLY WITH 3/4" BLADE SPACING.
3. STEEL, DOUBLE DEFLECTION SUPPLY WITH 3/4" BLADE SPACING.



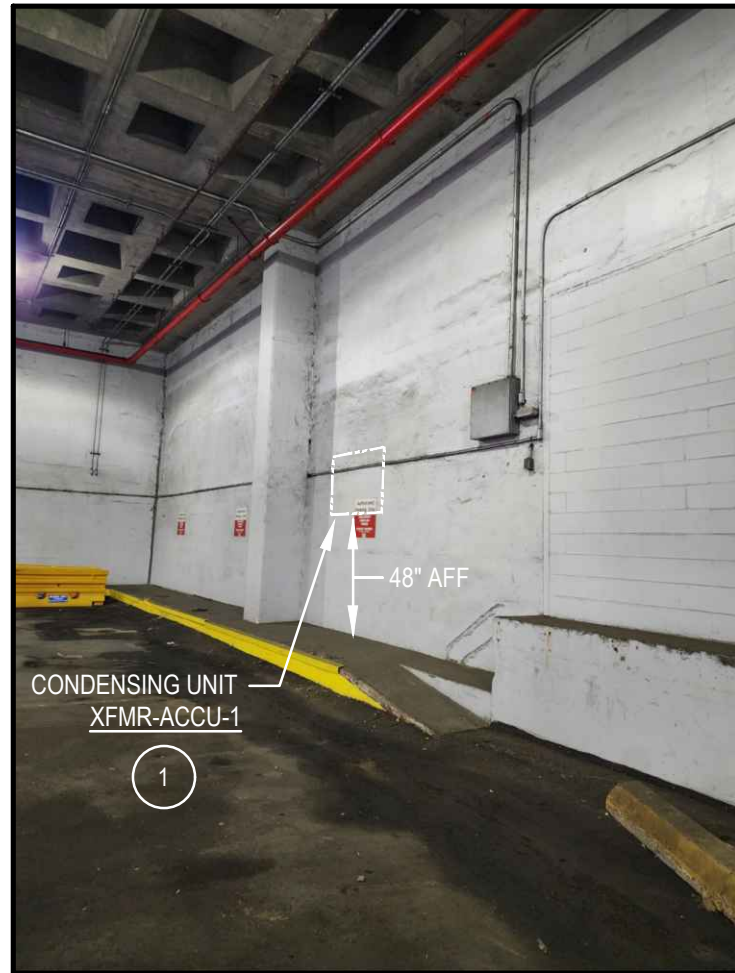
1
ENLARGED HVAC PLAN -
30TH FLOOR FIRE PUMP ROOM
SCALE: 1/2" = 1'-0"



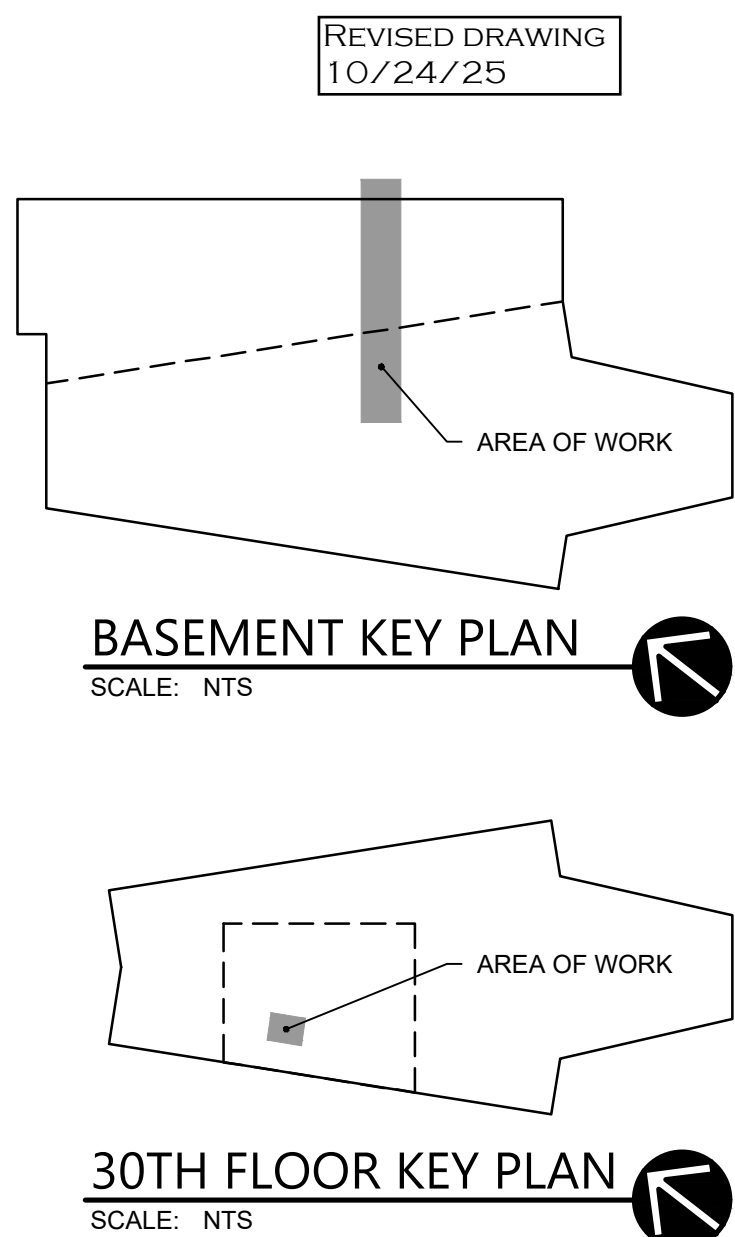
2
ENLARGED HVAC PLAN -
BASEMENT LEVEL TRANSFORMER ROOM
SCALE: 1/8" = 1'-0"



- KEYED NOTE:
- 1 WALL MOUNT CONDENSING UNIT WITH BOTTOM OF UNIT APPROXIMATELY 48" ABOVE FINISHED FLOOR.
 - 2 PROVIDE LITTLE GIANT UTILITY PUMP MODEL #5-ASP-LL. UNIT SHALL BE A LOW-LEVEL UTILITY PUMP WITH 2" - 3" ON LEVEL, AND 1/2" - 1 1/2" OFF LEVEL. MOTOR SHALL BE 1/6 HP, 115 VOLT. LOCATE UNIT IN SUMP. REFER TO ARCHITECTURAL DRAWINGS FOR SUMP CONFIGURATION.
 - 3 PROVIDE 1" DISCHARGE PIPING FOR SUMP PUMP. ROUTE PIPING TO TIE-IN TO FIRE PROTECTION DRAIN PIPING. REFER TO DRAWING FP-104 FOR FIRE PROTECTION PIPING LAYOUT.



2A
CONDENSING UNIT PLACEMENT
REFERENCE PHOTO
NO SCALE



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REGISTRATION EXPIRES:
12/31/2027

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE FIRE PROTECTION
MODIFICATIONS

LOCATION:
CORNING TOWER
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
02	10/20/2025	ADDENDUM 02
01	08/01/2025	BID DOCUMENTS
PROJECT NUMBER:	47000-C	
DESIGNED BY:	SJP	
DRAWN BY:	KMO	
FIELD CHECK:	STB	
APPROVED:	RTK	

SHEET TITLE:

ENLARGED HVAC PLANS -
30TH FLOOR FIRE PUMP ROOM
& BASEMENT LEVEL
TRANSFORMER ROOM

DRAWING NUMBER:

M-401