

SECTION 00 91 15

ADDENDUM NUMBER 6



PARTICULARS

- 1.01 DATE: JANUARY 22, 2021**
- 1.02 PROJECT: ELMORE SPORTS MEDICINE RENOVATIONS**
- 1.03 PROJECT NUMBER: DCM NO. 2020452; PSCA NO. 2018**
- 1.04 OWNER: ALABAMA A&M UNIVERSITY**
- 1.05 ARCHITECT: NOLA | VAN PEURSEM ARCHITECTS, PC**

TO PROSPECTIVE BIDDERS

- 2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE BIDDING DOCUMENTS DATED SEPTEMBER 3, 2020, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.**
- 2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE PROPOSAL FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.**
- 2.03 THIS ADDENDUM CONSISTS OF 32 PAGES.**

CHANGES TO THE PROJECT MANUAL

- 3.01 APPROVED EQUALS, these approvals are based solely upon the manufacturers meeting all conditions of drawings and specifications presently set.**

A. Division 23: Boilers: Raypack.

3.02 SECTION 00 22 00-OWNER'S SUPPLEMENTARY INSTRUCTIONS TO BIDDERS:

- A. Paragraph 1.03.B: Change paragraph to read as follows, "All sealed bids will be received by 2:00 p.m. CST on February 2, 2021 at which time each bidder must submit a sealed envelope properly titled containing the Proposal form, the Bid Bond, Accounting of Sales Tax - DCM Form C-3A form, and Affidavit A. Upon receipt of these documents the bids will be publicly opened and read aloud. Supplement A – List of Subcontractors (section 00 43 21) and Affidavit C are to be hand delivered or emailed to the Architect within 24 hours after receipt of bids. No changes to the base bid will be allowed after 2:00 p.m.

3.03 SECTION 00 50 00 – CONSTRUCTION DOCUMENTS AND FORMS:

- A. Detail of Plaque (PSCA_ DCM Form 9-M / C-16): Clarification: Only the "renovated" plaque is required.

3.04 SECTION 01 22 00 – ALLOWANCES:

- A. Add Paragraph 1.04.B and its subparagraphs to read as follows:

- B. Include the stipulated sum of \$60,000.00 for HVAC Controls.
1. Scope of work included in allowance:
 - a. Provide labor and material to extend the existing building controls system. This includes the necessary extended devices software license. The existing Siemens Talon N4 TNM and Primary Plant controls will be reused.
 - b. Provide labor and material to extend the existing building automation system (Front-End). This includes the necessary extended Supervisor device software license. The existing Server and Web Supervisor software will be reused.
 - c. Provide labor and material to field install low voltage controls on seven (7) Split Heat Pump Systems. (HP-1/AHU-1, HP-2/AHU-2, HP-3/AHU-3, HP-4/AHU-4, HP-5/AHU-5, HP-6/AHU-6, & HP-7/AHU-7) Controls to include DDC communicating (BACnet) Digital Thermostats, return air & supply air temperature sensors.
 - d. Provide labor and material for low voltage controls interlock wiring between the AHU's and HP's for seven (7) Split Heat Pump Systems.
 - e. Provide labor and material to install 24VAC ionizers for seven (7) Split Heat Pump Systems. **All ionizers to be rated for 24VAC power and provided by others.**
 - f. Provide labor and material for low voltage interlock for safety shutdown (condensate float switch) for seven (7) Split Heat Pump Systems. **All condensate float switches to be provided and installed by the Mechanical Contractor.**
 - g. Provide labor and material for low voltage interlock for fan safety shutdown (fire/smoke detector) for AHU's. **All Duct smoke detectors and fire alarm components/system to be provided and installed by others.**
 - h. Provide labor and material for low voltage interlock and BAS programming for Global Fire Alarm Shutdown. **All fire alarm components/system to be provided, installed, and wired by the Fire Alarm Contractor. The fire alarm module is to be mounted adjacent to the main HVAC control panel by the Fire Alarm Contractor.**
 - i. Provide labor and material to connect the new controls to the existing building automation system.
 - j. Provide labor and material to integrate the new controls to the existing building automation system.
 - k. Provide and deliver all required program, set-up, commissioning, and graphics. Graphics to include modifying the existing graphics to include the new Floor plans w/zones, Unit graphics and Summary page.
 - l. Provide and install low voltage control cable and communication cable(s). The plenum rated control & communication cable will be installed open above the ceiling. Conduit will only be used for stub-ups to above ceilings, in inaccessible cavities or where cable will be exposed outdoors.
 - m. Owner is to provide and maintain at his sole cost, a suitable high speed internet connection (DSL, Cable Modem, or a VPN to LAN connection), and provide installer access to the controls system via the internet connection during system install, commissioning and throughout the warranty period. Customer to provide public static IP's as required for complete building automation system. Customer to provide all necessary LAN connections as required for complete building automation system.
 - n. Provide labor for up to 4 hours of on-site customer operational training for the BAS graphical user interface.
 - o. Price based on all work to be done during normal working hours (8am-5pm).
 2. Work not included in allowance (to be included in base bid):
 - a. Any contingency allowances for non-associated repair work or needs outside of the above noted scopes of work.
 - b. Any software/hardware or programming of the existing control system and/or devices that is not specifically mentioned in the above scope.
 - c. Any demolition.

- d. **Any controls, control devices, wiring or installation associated with Electric Heaters (H-1 & H-2).**
 - e. **Any controls, control devices, wiring or installation associated with Exhaust Fans.**
 - f. **Any controls, control devices, wiring or installation associated with the existing Gym Units.**
 - g. **Any installation of factory controls and/or sensors associated with Boiler.**
 - h. **Any controls, control devices, wiring or installation for the Chemical Treatment System.**
 - i. **Any controls, control devices, wiring or installation for the Lighting Control System.**
 - j. **Any controls, control devices, wiring or installation for the Fire Alarm System.**
 - k. **Any controls, control devices, wiring or installation for the Access Control/Security System.**
 - l. Any Utility Metering (Electric, Gas and/or Water Meters).
 - m. **Any control damper, louvers and/or control actuators.**
 - n. Any Airflow Monitoring Stations.
 - o. Any mechanical repairs.
 - p. Any installation of control valves.
 - q. Any VFD's, VFD's installation or start-up.
 - r. Any factory BACnet/Lon Integration devices.
 - s. Any mechanical start and test.
 - t. Any water flow switch devices/safeties. Installation or wiring of devices.
 - u. Any air or water test and balance.
 - v. Any mechanical devices installation.
 - w. Any high voltage (120 volts or higher) conduit, wiring or thermostats. **All required high voltage power, devices, wiring and/or conduit to be installed by DIV. 26.**
 - x. Any wall/wall covering, paint, patch and/or repair.
 - y. Any roofing/roofing penetration, pitch pocket, patch, installation and/or repair.
 - z. Any concrete cutting or core drilling.
 - aa. Any underground conduit, wiring or trenching.
 - bb. Any Special Wages.
 - cc. Any smoke evacuation/control, stairwell pressurization, duct detectors, smoke detectors, smoke/fire dampers, actuators, fire alarm components or installation. **All fire/smoke devices including but not limited to the fire/smoke damper assemblies & actuators to be provided, installed, and wired by others.**
 - dd. Any asbestos testing, abatement, containment and/or disposal.
- B. Add Paragraph 1.04.C and its subparagraphs to read as follows:
- C. Include the stipulated sum of \$10,000.00 for HVAC Controls for Alternate Number 1.
- 1. Scope of work included in allowance:
 - a. Provide labor to disconnect existing low voltage control devices and hardwiring (start/stop, status, alarm, BAS temp sensors) from one (1) boiler before the boiler demo. **The Mechanical Contractor must give the Controls Contractor at least two weeks' notice before the boiler demo.**
 - b. Provide labor for BACnet MS/TP integration of one (1) Boiler. **Boiler shall be provided with factory mounted and programmed controllers w/BACnet communication cards. All necessary controls, control components and sensors are to be factory provided and installed.**
 - c. Provide labor and material to install BACnet MS/TP communication cable to connect one (1) Boiler controller/BACnet interface to the existing BACnet communication trunk in the mechanical room.
 - d. Provide labor and material to connect the new boiler controller to the existing Siemens Talon Building Automation System (Siemens Talon Controller).
 - e. Provide labor and material to integrate the new boiler into the existing Siemens Talon Building Automation System (Siemens Talon Web Supervisor).

- f. Provide and deliver all required program, set-up, commissioning, and graphics. Graphics to include modifying the existing graphics to reflect the new boiler and boiler data points.
- g. Provide and install low voltage communication cable. The plenum rated communication cable will be installed open in the ceiling/joists. Conduit will only be used for stub-ups to above ceilings/joists.
- h. Price based on this work to coincide with the base project work.
- i. Price based on all work to be done during normal working hours (8am-5pm).
- 2. Work not included in allowance (to be included in Alternate Number 1):
 - a. Any contingency allowances for non-associated repair work or needs outside of the above noted scopes of work.
 - b. Any software/hardware or programming of the existing control system and/or devices that is not specifically mentioned in the above scope.
 - c. Any demolition.
 - d. **Any controls, control devices, wiring or installation associated with Electric Heaters (H-1 & H-2).**
 - e. **Any controls, control devices, wiring or installation associated with Exhaust Fans.**
 - f. **Any controls, control devices, wiring or installation associated with the existing Gym Units.**
 - g. **Any installation of factory controls and/or sensors associated with Boiler.**
 - h. **Any controls, control devices, wiring or installation for the Chemical Treatment System.**
 - i. **Any controls, control devices, wiring or installation for the Lighting Control System.**
 - j. **Any controls, control devices, wiring or installation for the Fire Alarm System.**
 - k. **Any controls, control devices, wiring or installation for the Access Control/Security System.**
 - l. Any Utility Metering (Electric, Gas and/or Water Meters).
 - m. **Any control damper, louvers and/or control actuators.**
 - n. Any Airflow Monitoring Stations.
 - o. Any mechanical repairs.
 - p. Any installation of control valves.
 - q. Any VFD's, VFD's installation or start-up.
 - r. Any factory BACnet/Lon Integration devices.
 - s. Any mechanical start and test.
 - t. Any water flow switch devices/safeties. Installation or wiring of devices.
 - u. Any air or water test and balance.
 - v. Any mechanical devices installation.
 - w. **Any high voltage (120 volts or higher) conduit, wiring or thermostats. All required high voltage power, devices, wiring and/or conduit to be installed by DIV. 26.**
 - x. Any wall/wall covering, paint, patch and/or repair.
 - y. Any roofing/roofing penetration, pitch pocket, patch, installation and/or repair.
 - z. Any concrete cutting or core drilling.
 - aa. Any underground conduit, wiring or trenching.
 - bb. Any Special Wages.
 - cc. Any smoke evacuation/control, stairwell pressurization, duct detectors, smoke detectors, smoke/fire dampers, actuators, fire alarm components or installation. **All fire/smoke devices including but not limited to the fire/smoke damper assemblies & actuators to be provided, installed, and wired by others.**
 - dd. Any asbestos testing, abatement, containment and/or disposal.

3.05 SECTION 01 23 00 – ALTERNATES:

- A. Add this section in its entirety.

3.06 SECTION 01 50 00 – CONSTRUCTION DOCUMENTS AND FORMS:

- A. Add Paragraph 1.12 and its subparagraphs to read as follows:
 - 1.12 Project Identification:
 - A. Provide project identification sign of design and construction as required by The Alabama Department of Construction Management.
 - B. Erect on site at location established by Architect.

3.07 SECTION 09 30 00 – TILING:

- A. Add Paragraphs 2.01.A.4 and 2.01.A.5 to read as follows:
 - 4. American Olean; www.americanolean.com
 - 5. Daltile; www.daltile.com
- B. Paragraph 2.01.B.4 – Change paragraph to read as follows, “Color: To match existing floor tile.”
- C. Add paragraph 2.01.B.5 to read as follows
 - 5. Product: Equal to Unglazed Mosaics by American Olean or Keystones by Daltile.
- D. Paragraph 2.01.C.4.a.1 – Change paragraph to read as follows, “Field: Group 1 to match existing wall tile.”
- E. Paragraph 2.01.C.4.a.2 – Delete paragraph in its entirety.
- F. Add Paragraph 2.01.C.6 to read as follows:
 - 6. Product: Equal to Bright & Matte by American Olean.

3.08 SECTION 10 11 01 – VISUAL DISPLAY BOARDS:

- A. Delete this section in its entirety.

3.09 SECTION 10 26 01 – WALL AND CORNER GUARDS:

- A. Paragraph 2.02.A.2 – Change paragraph to read as follows, “Height – 8-ft.”.
- B. Add Paragraph 2.02.A.3 to read as follows:
 - 3. Provide aluminum cove base insert at 5 locations.
- C. Paragraph 3.03 – Change paragraph to read as follows, “Coordinate installation of 6 corner guards at various locations to be determined by the Architect in the field.”

3.10 SECTION 14 24 00 – MACHINE ROOM-LESS HYDRAULIC PASSENGER ELEVATORS:

- A. Paragraph 2.06.A.9 – Change paragraph to read as follows, “Protection pads and buttons: Provide and install pad hooks and provide two sets of pads”.

3.11 SECTION 32 31 13 – CHAIN LINK FENCES AND GATES:

- A. Add this section in its entirety.

CHANGES TO THE DRAWINGS

4.01 SHEET A-0.1 – LIFE SAFETY PLAN:

- A. Plan 2/A-0.1: Note locations with rated ceiling assembly per UL# L556 shall have ¾" T&G edge plywood applied at right angles to joists.

4.02 SHEETS A-1.1 AND A-1.2 – DEMOLITION PLAN AND RENOVATION PLAN:

- A. General Note 1: Change note to read as follows, "Provide corner guards per specifications. Locations to be coordinated w/ architect in the field."
- B. Add General Note 10 to read as follows, "Verify all elevator rough openings and shaft dimensions with elevator manufacturer."
- C. Add General Note 11 to read as follows, "See Structural drawings for partition stud size & weights based on wall height".
- D. Add General Note 12 to read as follows, "See Structural Plan Note 4:S-1.1 for framing size of rated ceiling assemblies supporting mechanical units".
- E. Add Wall Type 8 to read as follows:
⑧ 1-1/2" Metal Hat Channels @16" O.C., With 1 Layer 5/8" Gyp. Bd. over 8" CMU

4.03 SHEET A-1.1 – DEMOLITION PLAN:

- A. See attachment AD-A1.1-01 for additional notes regarding demo work to be done below mezzanine level floor repair.
- B. Detail 2/A-1.1: Clarification: Extent of Terrazzo floor requiring floor demolition and replacement is 450 sq. ft. +/-.

4.04 SHEET A-1.2 – RENOVATION PLAN:

- A. Add Details 5/A-1.3 Mechanical Pad Plan and 6/A-1.2 Fence Elevation per attachment AD6-A1.2-01.
- B. See attachment AD6-A1.2-02 for revisions to 4/A-1.2 Mechanical Platform and 1/A-1.2 Partial Mezzanine Plan at Elevator. Revisions include the following:
 - 1. Added new cased opening at Mechanical Platform (see next line item regarding Door Schedule).
 - 2. Revisions to the partial mezzanine plan around the new elevator.
- C. See attachment AD-A1.2-03 for additional notes regarding construction work to be done below mezzanine level floor repair.

4.05 SHEET A-3.1 – BUILDING SECTIONS:

- A. Section 1/A-3.1: Rated Ceiling assembly at Vestibule 222 and Study 217 to be 13'-0" clear above finish floor.
- B. Section 4/A-3.1: Rated Ceiling assembly at Study 215, Study 217, Study 218, Study 219, and a portion of Corridor 216 to be 13'-0" clear above finish floor.

4.06 SHEET A-3.2 – BUILDING SECTIONS:

- A. Replace this sheet in its entirety. Revisions include the following:

1. Added painted accent stripe and large painted text.
2. Clarification of Mechanical grille location.
3. Revisions to elevator shaft wall finishes.
4. New soffit and lowered ceiling near elevator shaft.
5. Clarification of some corner guard locations.

4.07 SHEET A-3.3 – BUILDING SECTIONS:

- A. Replace this sheet in its entirety. Revisions include the following:
1. Revisions to Sections 1/A-3.3 and 2/A-3.3.
 2. Revision to drawing scale of Sections 1/A-3.3 and 2/A-3.3.
 3. Added Section 3/A-3.3 Elevator Section.

4.08 SHEET A-5.1 – DOOR SCHEDULE & DETAILS:

- A. Door Schedule:
1. Add cased opening 256.1 Training to Mechanical Mezzanine – painted Hollow Metal Type HM-1, Head Detail 1, Jamb Detail 3, Sill Detail 5. Note Cased opening frame dose not require a stop.
 2. Door 256:
 - a. Change size of door to be 3'x7'x1-3/4".
 - b. Add Head Detail 1, Jamb Detail 3, and Sill Detail 5.
- B. Detail 4/A-5.1: remove section markers referencing sheet A-5.4 on HM5 and HM6.
- C. Add Soffit Detail 7/A-5.1 per attachment AD6-A5.1-01.
- D. Revise 6/A-5.1 Partial RCP Mezzanine around new elevator per attachment AD6-A5.1-01.
- E. Add above ceiling rated wall/soffit detail 8/A-5.1 and tag to partial plan per attachment AD6-A5.1-02.

4.09 SHEET A-6.1 – FINISH SCHEDULE & DETAILS:

- A. Detail 1/A-6.1 Enlarged Restroom Plan: Change accessory A7 located behind door RR-01 to be accessory A4.
- B. Add Typical Restroom Note 5 to read as follows, "5. Provide for 60 sq. ft. of new floor tile and grout to match existing restroom floors."
- C. Add Typical Restroom Note 6 to read as follows, "6. Provide spacer behind A7 to sit flush with tile wainscot."
- D. Add feathering of floor transition from existing wood floor to existing concrete floor at Sports Medicine Training Area250 per attachment AD6-A6.1-01.

4.10 SHEET A-9.1 – PLAN DETAILS:

- A. Revise Plan Detail 5/A-9.1 per attachment AD6-A9.1-01.

4.11 SHEET S-1.0 – PARTIAL FOUNDATION PLAN:

- A. See attachment AD6-S1.0-01 for the following revisions:
1. Added elevator door rough opening dimension.

2. Moved the location of the pump to the corner of the shaft.
3. Changed the top-of-footing elevation to -(4'-0").

4.12 SHEET S-1.1 – PARTIAL SECOND FLOOR PLAN:

- A. Add elevator door rough opening dimension per attachment AD6-S1.1-01.

4.13 SHEET S-1.2 – ELEVATOR SHAFT CEILING PLAN:

- A. Add elevator door rough opening dimension per attachment AD6-S1.2-01.

4.14 SHEET S-3.1 – ELEVATOR FOUNDATION SECTIONS:

- A. Replace Section A/S3.1 in its entirety per attachment AD6-S3.1-01.

4.15 SHEET S-3.2 – ELEVATOR SHAFT SECTIONS:

- A. Section D/S3.2: Add elevator door rough opening dimension per attachment AD6-S3.2-01.
- B. Section E/S3.2: Revise section per attachment AD6-S3.2-02.

4.16 SHEET M-1 – MECHANICAL FLOOR PLAN:

- A. Replace this sheet in its entirety. Revisions include the following:
 1. Revisions to the duct layout & fire damper locations on the Partial Mezzanine Plan

4.17 SHEET M-2 – MECHANICAL PIPING PLAN:

- A. Revise ductwork on ground floor near new elevator per attachment AD6-M-2-01.
- B. Revise ductwork on ground floor at structural floor repairs in the Sports Medicine Training Area per attachment AD6-M-2-02.
- C. Add the following note for the A/C unit mounting:
 1. Contractor to provide roof support for flat roof as required per code and manufacturer for Heat pump portion of split system. Contractor will verify exact roof type before bidding.

4.18 SHEET E-2 – ELECTRICAL DEMOLITION PLAN:

- A. Replace this sheet in its entirety. Revisions include the following:
 1. Added Partial First Floor Plan @ New Elevator Location.
 2. Added Reference Points.
 3. Added Electrical Lighting Demolition Keyed Notes 5, 6, and 7.

END OF ADDENDUM NUMBER 6

SECTION 01 23 00

ALTERNATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Alternate submission procedures.
- B. Documentation of changes to Contract Sum and Contract Time.

1.02 RELATED REQUIREMENTS

- A. Document 00 50 00 - Instructions to Bidders: Instructions for preparation of pricing for alternates.
- B. Document 00 50 00 - Agreement: Incorporating monetary value of accepted alternates.

1.03 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at the Owner's option. Accepted alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each alternate.

1.04 SCHEDULE OF ALTERNATES

- A. Alternate No. 1 - Amount to be added to base bid if Alternate Number 1 as stated on Mechanical Drawings is included in the contract.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION



SECTION 32 31 13

CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fence framework, fabric, and accessories.
- B. Excavation for post bases; concrete foundation for posts.
- C. Manual gates and related hardware.

1.02 RELATED REQUIREMENTS

- A. Section 03 30 00 - Cast-in-Place Concrete: Concrete anchorage for posts.

1.03 REFERENCE STANDARDS

- A. ASTM A121 - Standard Specification for Metallic-Coated Carbon Steel Barbed Wire; 2013.
- B. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2015.
- C. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2009.
- D. ASTM A392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric; 2011a.
- E. ASTM A428/A428M - Standard Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles; 2010 (Reapproved 2014).
- F. ASTM A491 - Standard Specification for Aluminum-Coated Steel Chain-Link Fence Fabric; 2011.
- G. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2015.
- H. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2014.
- I. ASTM C94/C94M - Standard Specification for Ready-Mixed Concrete; 2015.
- J. ASTM F567 - Standard Practice for Installation of Chain-Link Fence; 2014a.
- K. ASTM F668 - Standard Specification for Polyvinyl Chloride (PVC) and Other Organic Polymer-Coated Steel Chain-Link Fence Fabric; 2011.
- L. ASTM F1043 - Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework; 2016a.
- M. ASTM F1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures; 2013.
- N. ASTM F1665 - Standard Specification for Poly(Vinyl Chloride)(PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used with Chain-Link Fence; 2008 (Reapproved 2013).
- O. CLFMI CLF 2445 - Product Manual; 1997.



1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
- C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components.
- D. Samples: Submit two samples of fence fabric, 24 inch by 24 inch in size illustrating construction and colored finish.
- E. Project Record Documents: Accurately record actual locations of property perimeter posts relative to property lines and easements.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

PART 2 PRODUCTS

2.01 COMPONENTS

- A. Line Posts: 1.9 inch diameter.
- B. Corner and Terminal Posts: 2.38 inch diameter.
- C. Fabric: 2 inch diamond mesh interwoven wire, 9 gage, 0.1483 inch thick, top selvage knuckle end closed, bottom selvage twisted tight.

2.02 MATERIALS AND COMPONENTS

- A. Materials and Components: Conform to CLFMI Product Manual.
- B. Fabric Size: CLFMI Standard Industrial, Heavy Residential service, 2", 9 gauge core wire, Vinyl Coated Wire.
- C. Intermediate Posts: Type I round.
- D. Terminal, Corner, Rail, Brace, and Gate Posts: Type I round.
- E. Gates: Fabric and framing to match intended service rating..

2.03 FINISHES

- A. Components (Other than Fabric): Galvanized in accordance with ASTM A123/A123M, at 1.7 oz/sq ft.
- B. Components (Other than Fabric): Aluminum coated at 0.40 oz/sq ft, when measured in accordance with ASTM A428/A428M.
- C. Components and Fabric: Vinyl coating in accordance with ASTM 668, Class 2b over metallic coated steel wire, black color as selected over coating of 1.8 oz/sq ft galvanizing.
- D. Hardware: Hot-dip galvanized to weight required by ASTM A153/A153M.
- E. Accessories: Same finish as framing.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Verify that areas are clear of obstructions or debris.

3.02 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with ASTM F567.
- B. Place fabric on outside of posts and rails.
- C. Line Post Footing Depth Below Finish Grade: ASTM F567.
- D. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F567.
- E. Position bottom of fabric 2 inches above finished grade.
- F. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.

3.03 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch.
- B. Maximum Offset From True Position: 1 inch.
- C. Components shall not infringe adjacent property lines.

3.04 CLEANING

- A. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- B. Clean fence with mild household detergent and clean water rinse well.

END OF SECTION

MENS BESTROOM

CONSESIONS

SEE MECHANICAL

REMOVE TOP 2 COURSES OF CMU + FILLER BRICK AT TOP OF WALL AS NEEDED FOR INSTALLATION OF CONTINUOUS BENT PLATE - SEE STRUCT.

PROTECT EXISTING –
CONDUIT & CABLING
w/in STRUCTURAL
REPAIR ZONES

REMOVE EXISTING AC
CLG. TILES & GRID AS
NEEDED FOR
STRUCTURAL REPAIRS

PROVIDE TEMPORARY WALL DURING DEMO & CONSTRUCTION – DO NOT ATTACH WALL TO EXISTING TERRAZZO FLOOR

REMOVE EXISTING
SOFFIT - COMPLETE

PROTECT EXISTING
TERRAZZO & TILE
FLOOR DURING
CONSTRUCTION

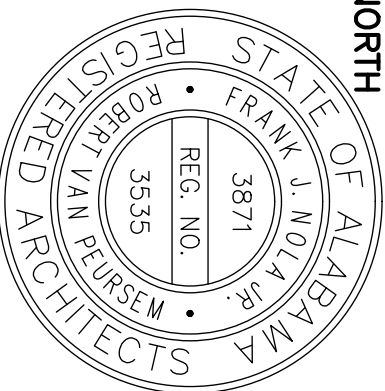
PARTIAL SOUTHWEST LOBBY PLAN

A-1.2

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



NORTH

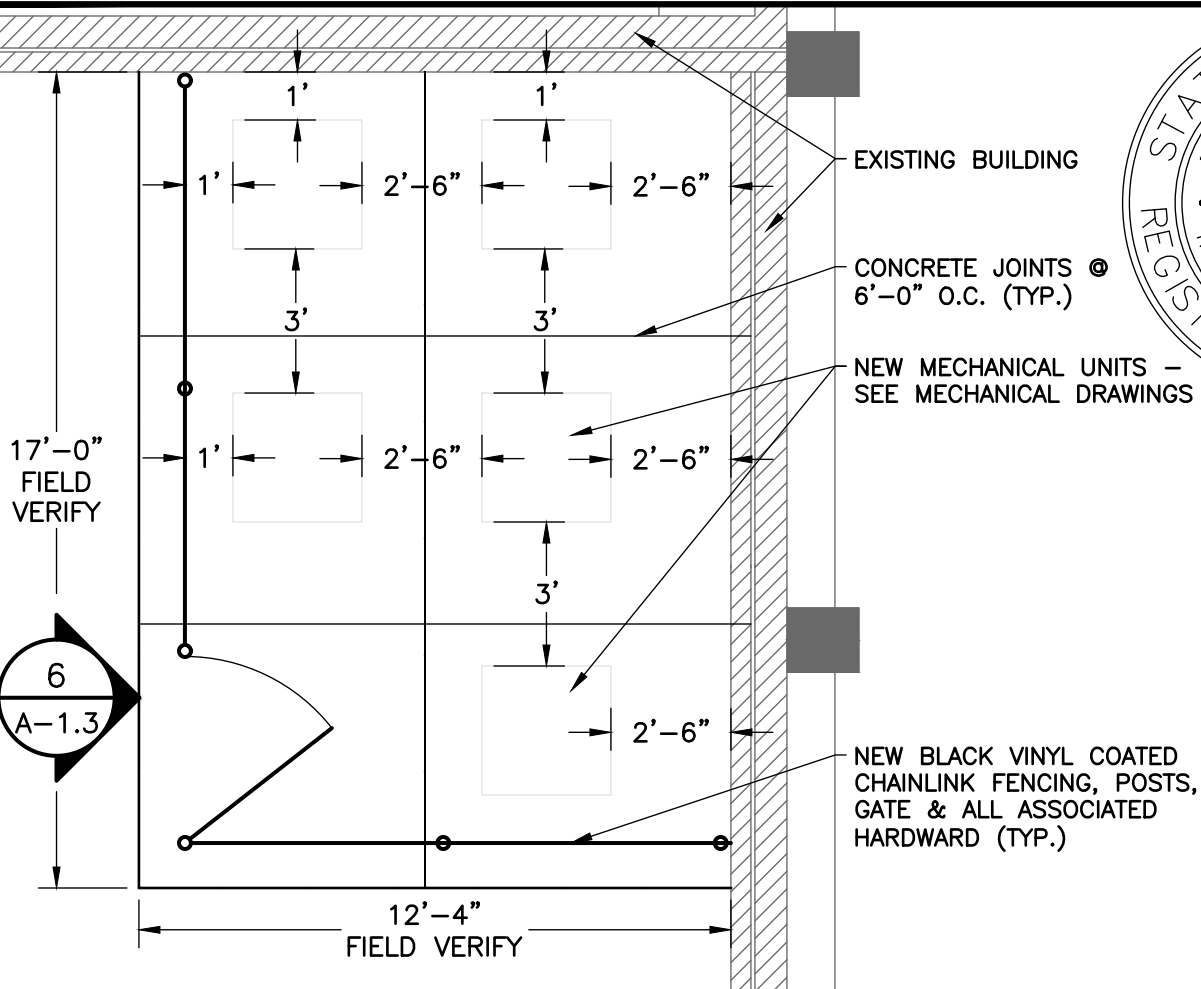
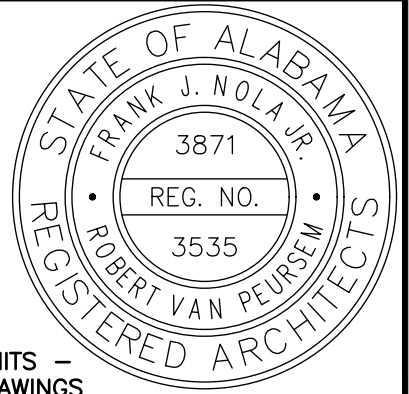


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ARCHITECTS, PC

AD6-A1.1-01

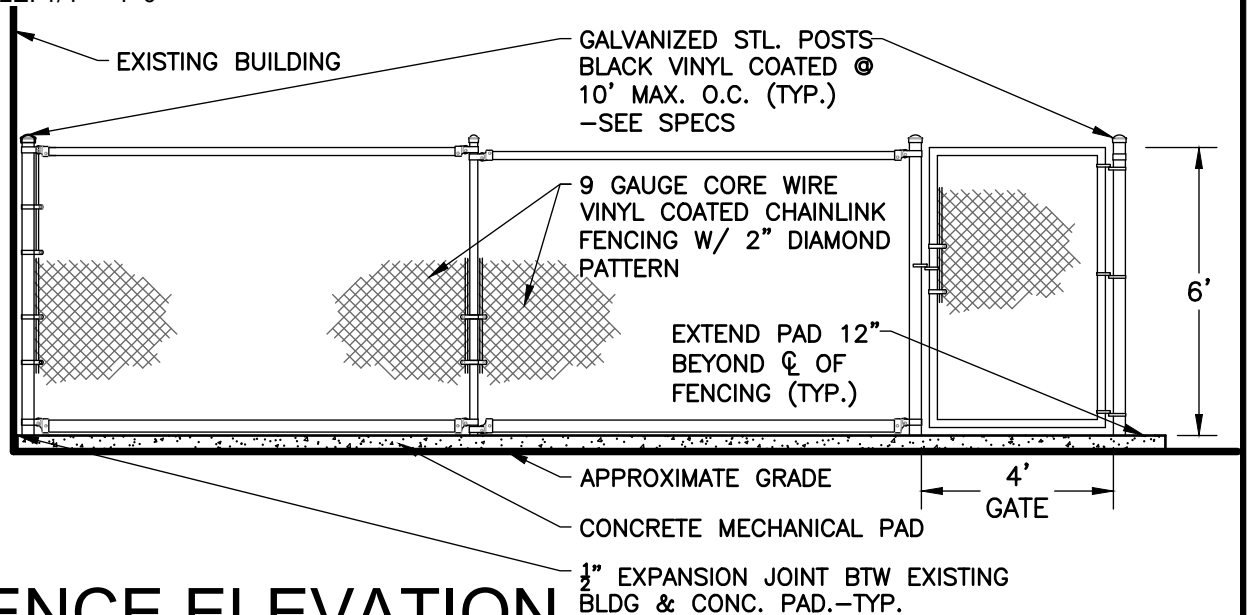
Date: 01-07-21



5
A-1.3

MECHANICAL PAD PLAN

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



6
A-1.3

FENCE ELEVATION

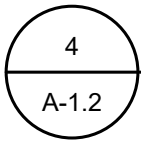
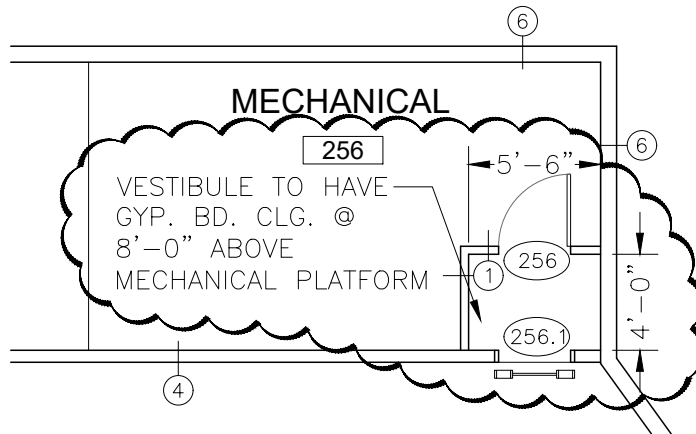
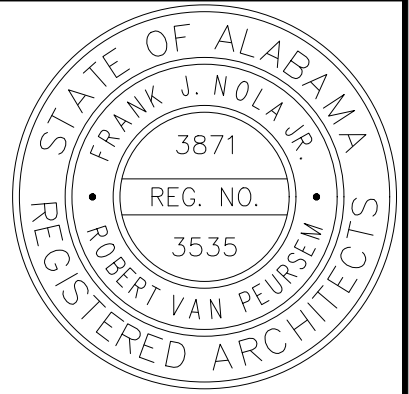
SCALE: 1/4" = 1'-0"

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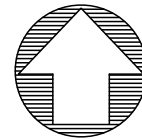
AD6-A1.2-01

Date: 01-07-21

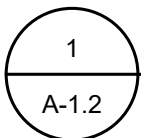
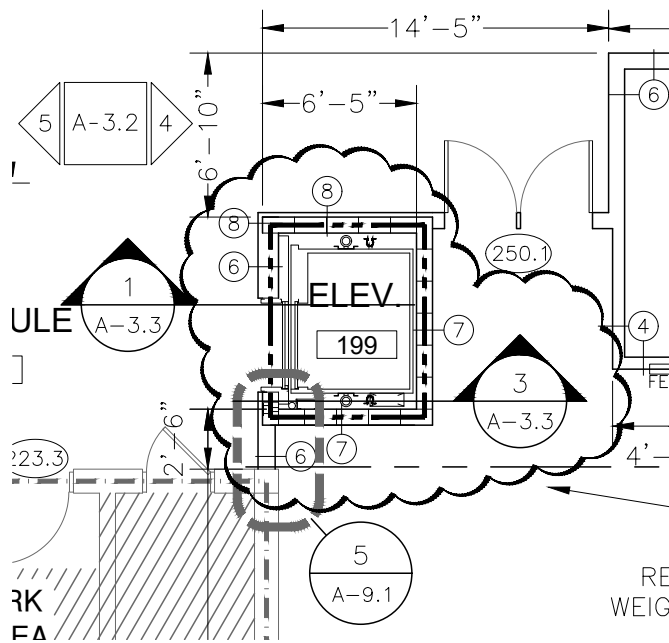


MECHANICAL PLATFORM

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

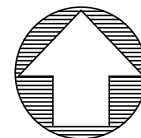


NORTH



PARTIAL MEZZANINE PLAN AT ELEVATOR

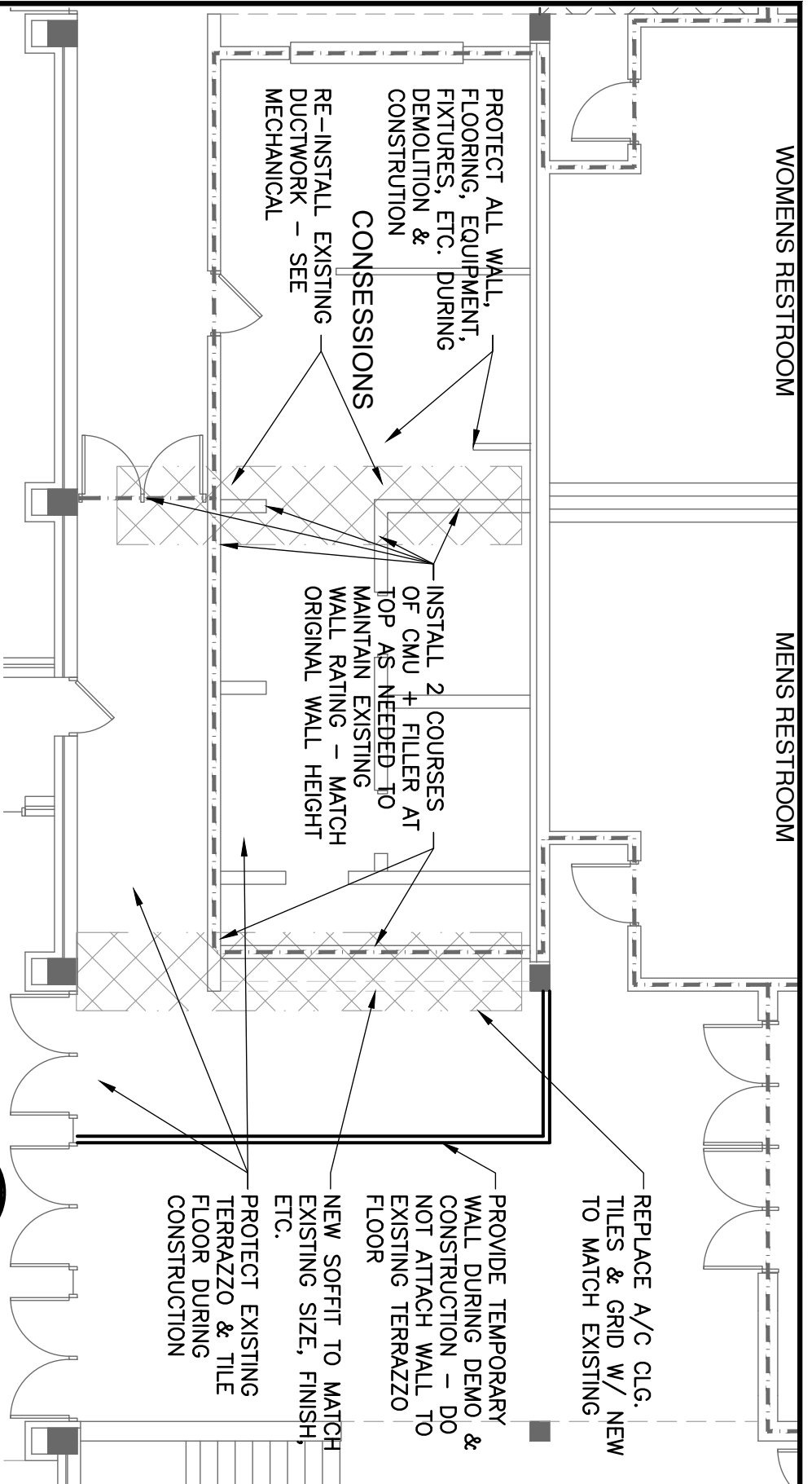
SCALE: 1/8" = 1'-0"



NORTH

WOMENS RESTROOM

MENS RESTROOM

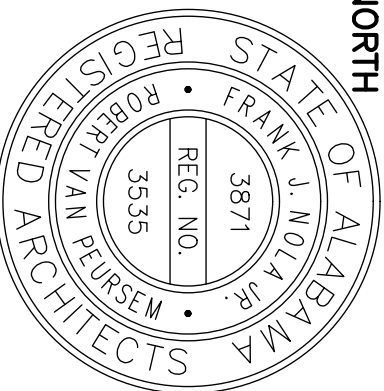


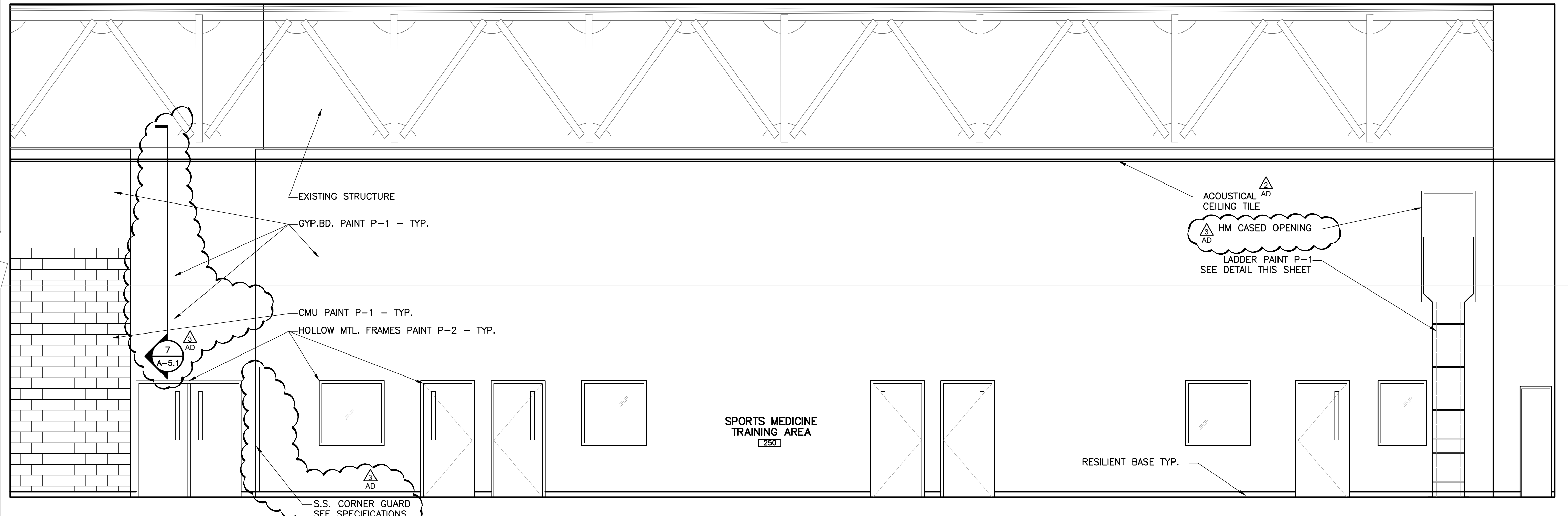
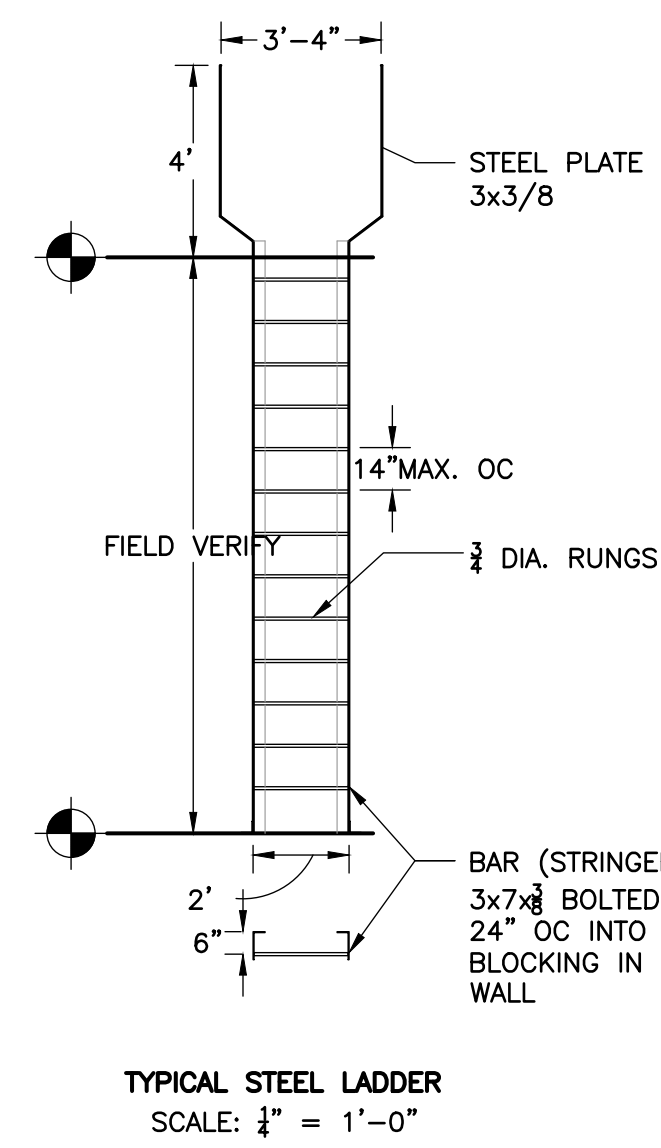
PARTIAL SOUTHWEST LOBBY PLAN

2

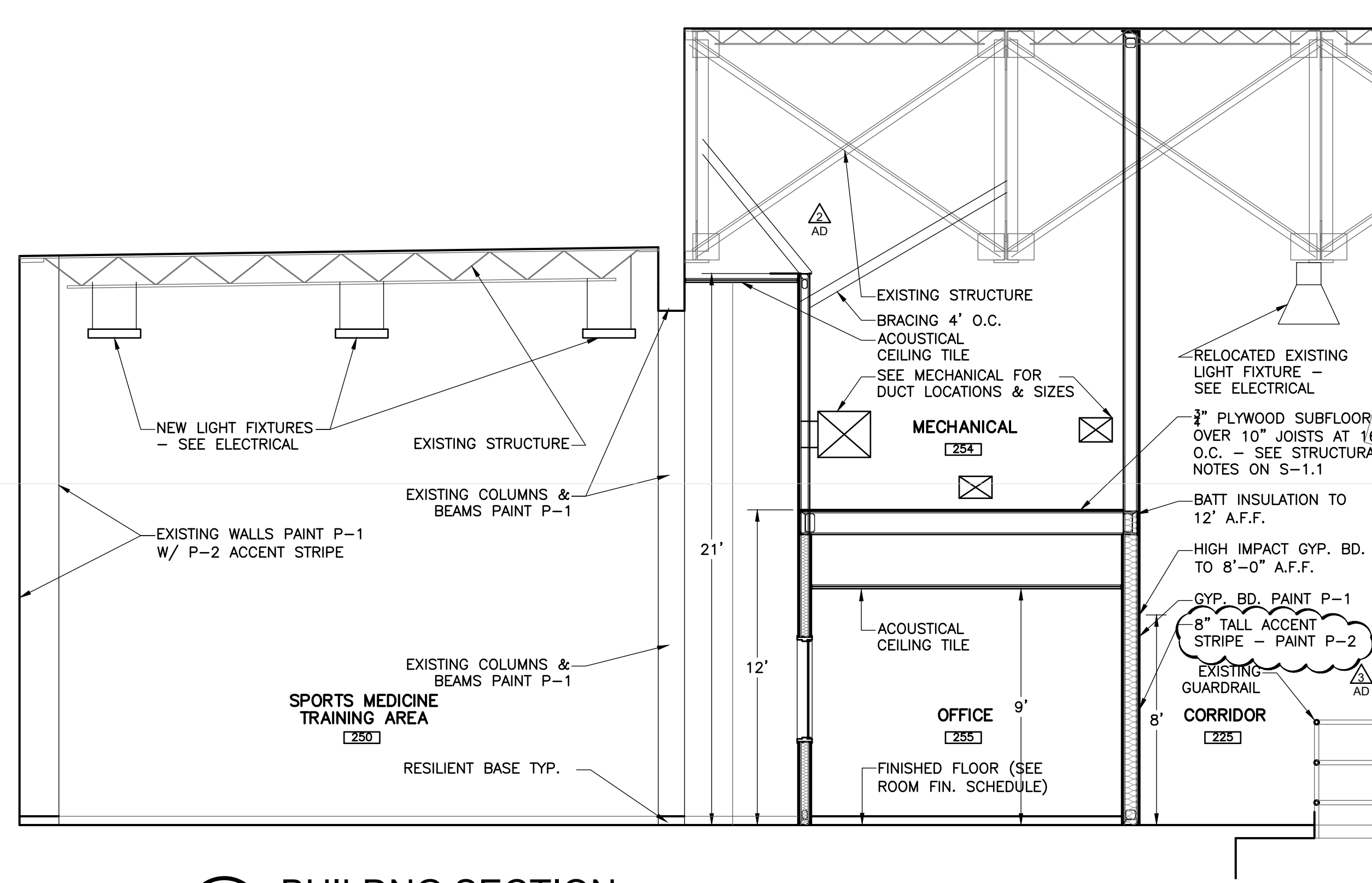
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SCALE: 1/8" = 1'-0"

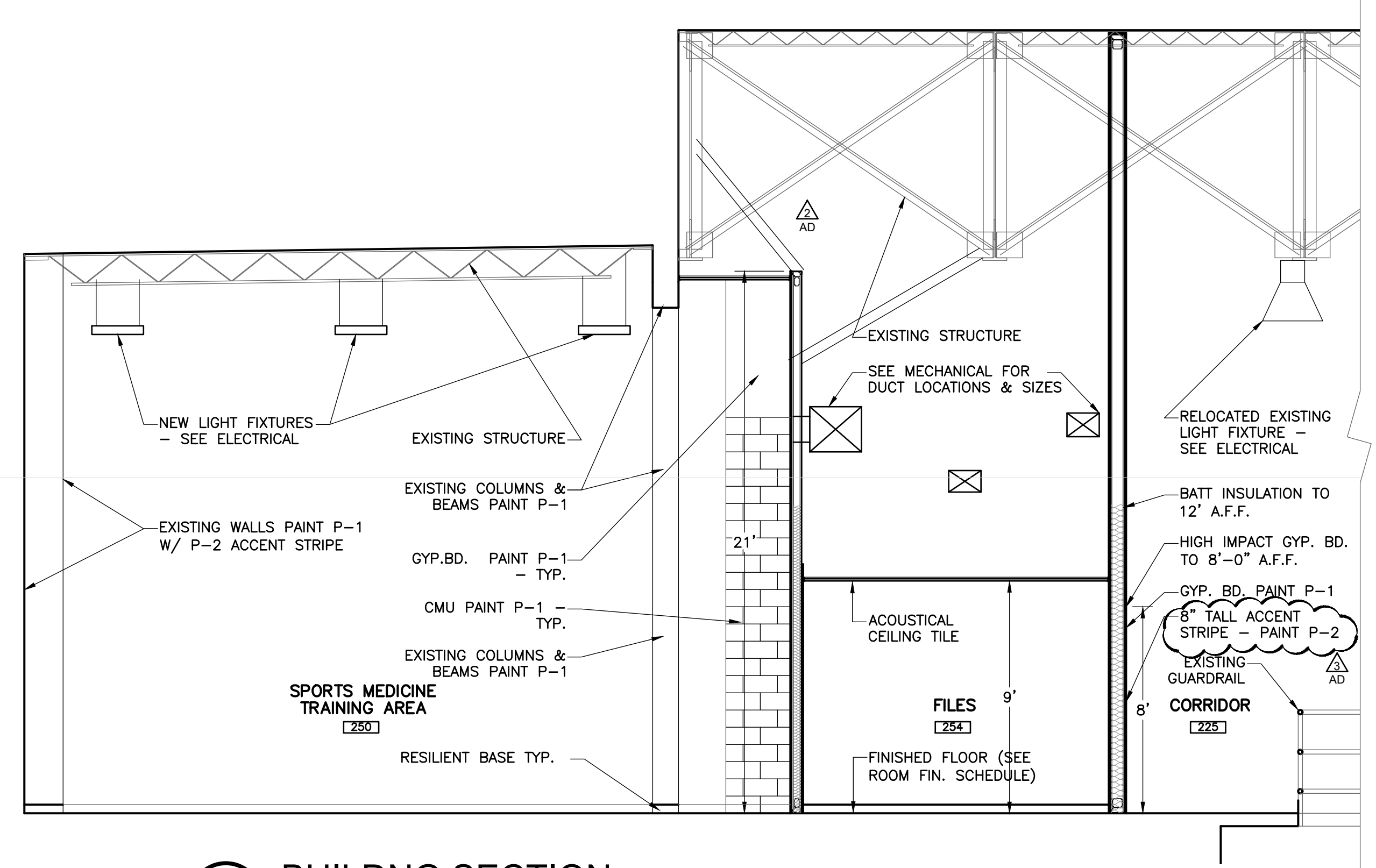




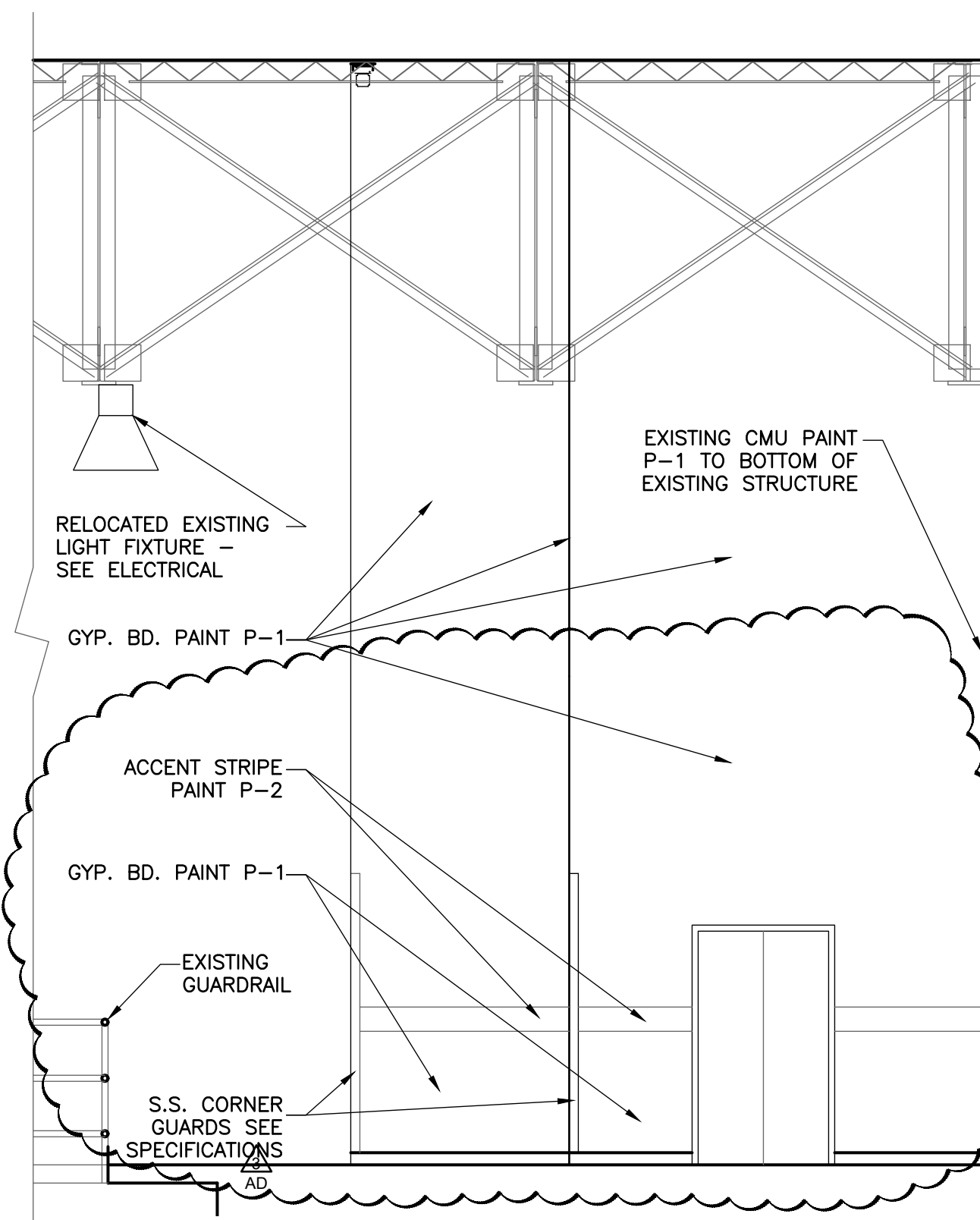
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A-3.2 SCALE: 1/4" = 1'-0"



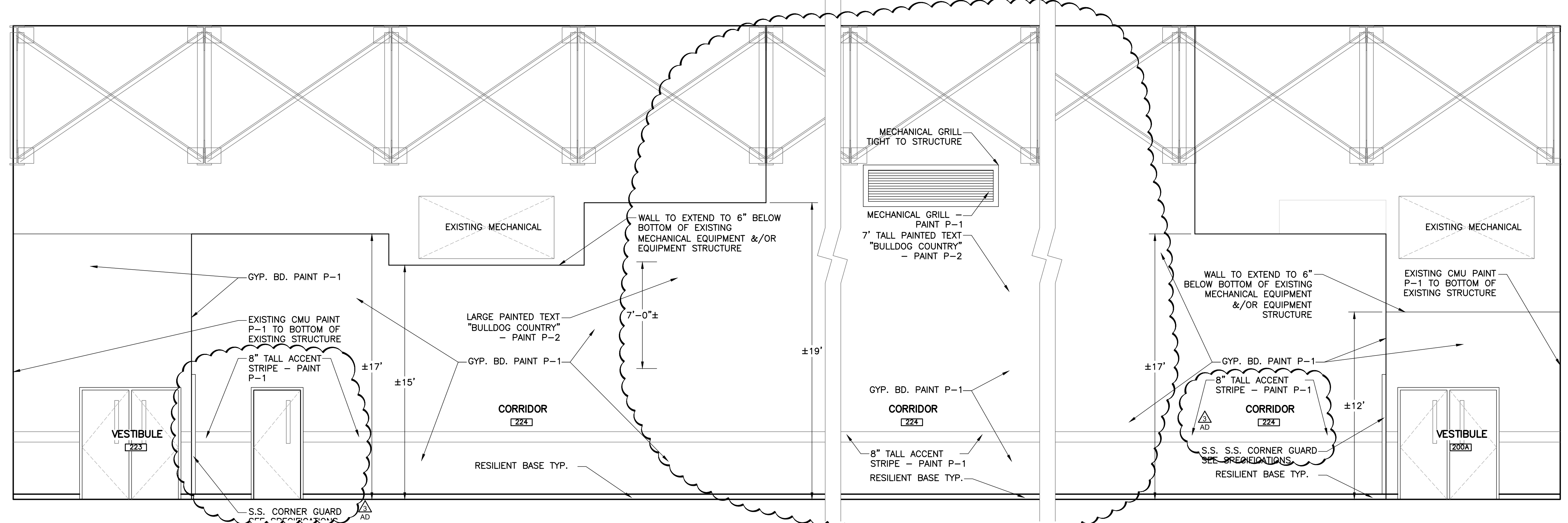
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A-3.2 SCALE: 1/4" = 1'-0"



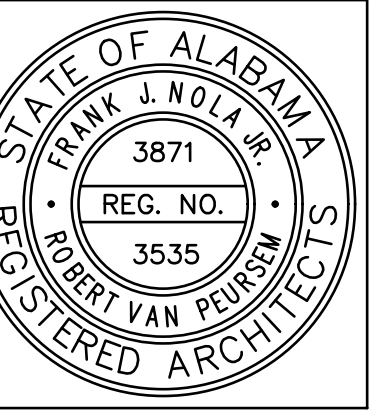
3 BUILDING SECTION
A-3.2 SCALE: 1/4" = 1'-0"



4 INTERIOR ELEVATION
A-3.2 SCALE: 1/4" = 1'-0"



5 INTERIOR ELEVATION
A-3.2 SCALE: 1/4" = 1'-0"



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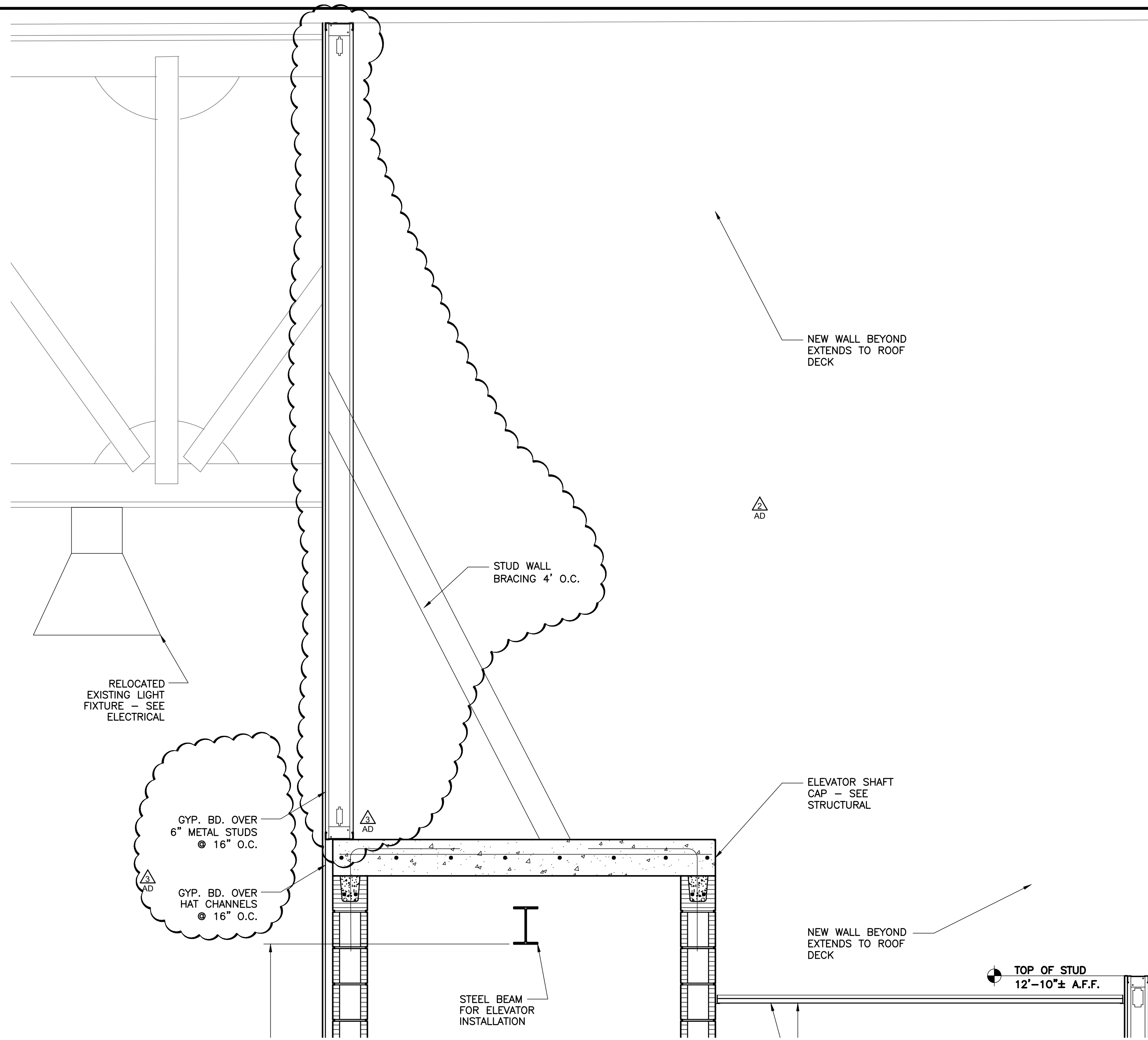
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ESN / RVP / 09.03.20
DRAWN / CHECKED / DATE

REVISIONS
ADDENDUM 2 11-23-20
ADDENDUM 6 01-18-21

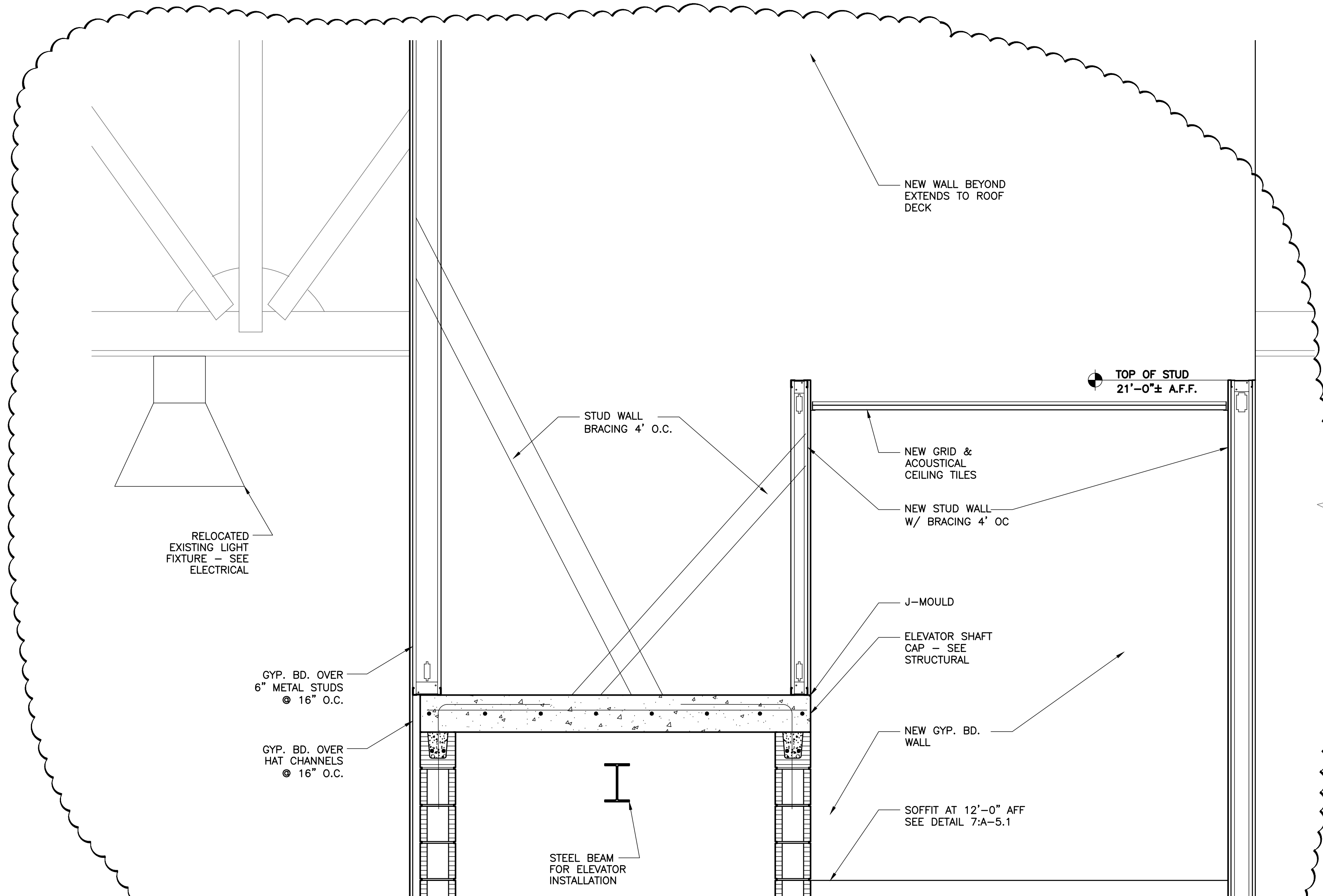
SHEET TITLE
BUILDING SECTIONS & INTERIOR ELEVATIONS

SHEET NUMBER
A-3.2
OF



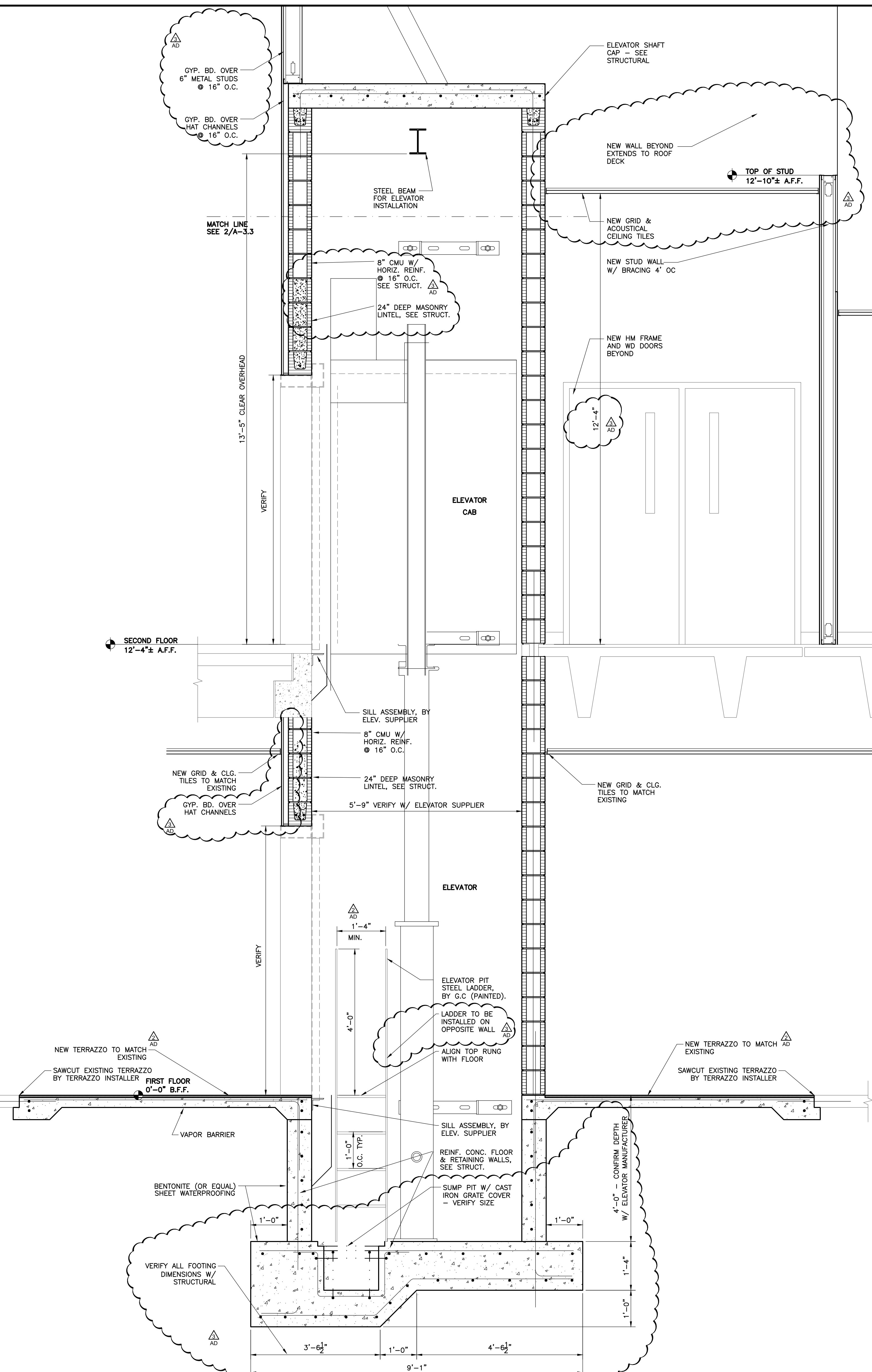
ELEVATOR SECTION

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



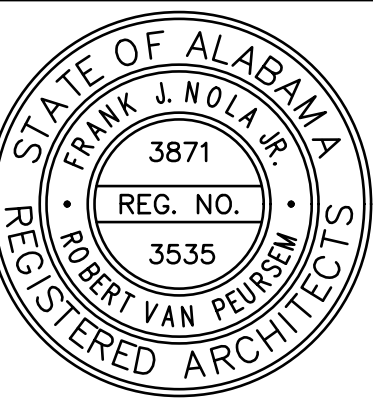
ELEVATOR SECTION

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



ELEVATOR SECTION

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



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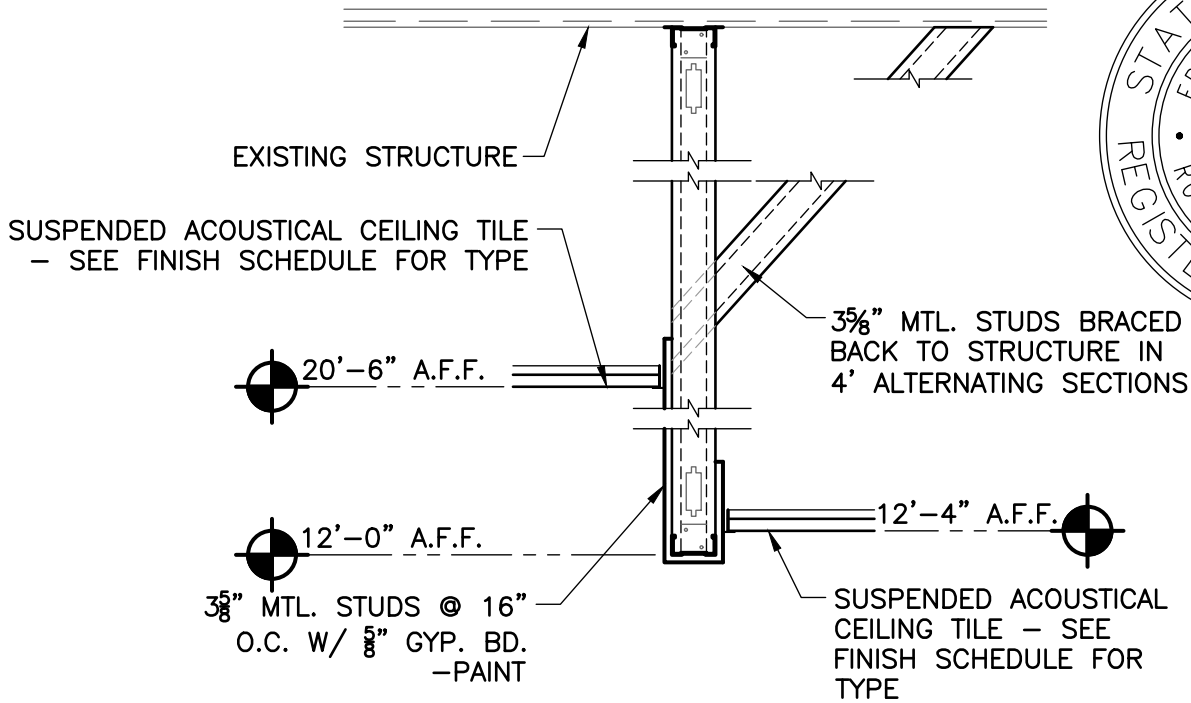
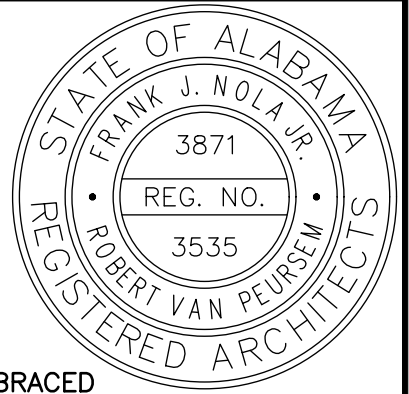
REVISIONS
ADDENDUM 2 11-23-20
ADDENDUM 6 01-18-21

SHEET TITLE

BUILDING SECTIONS

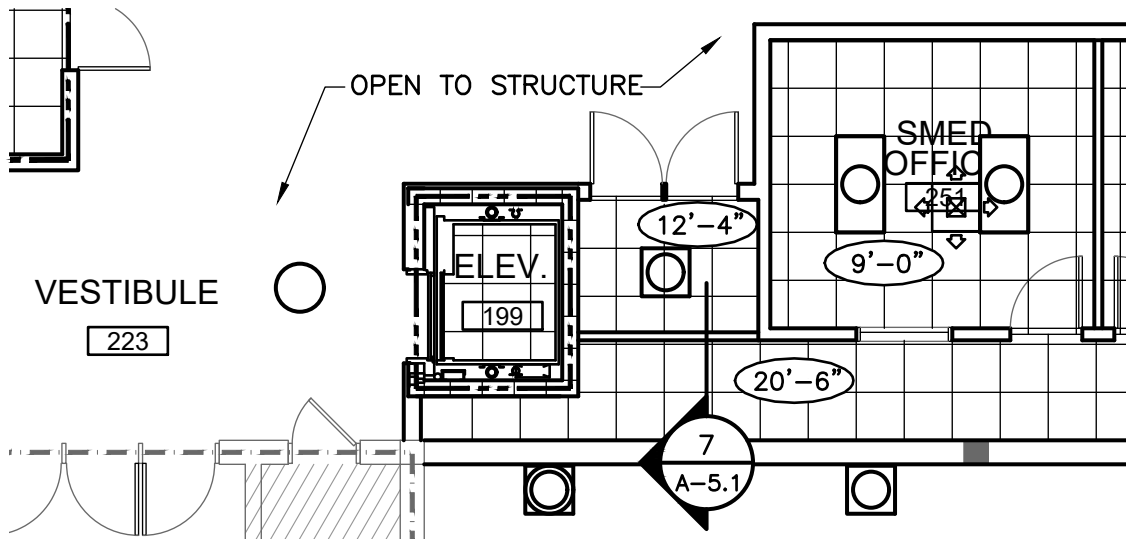
SHEET NUMBER

A-3.3
OF



7 SOFFIT DETAIL

A-5.1 SCALE: 3/4" = 1'-0"



6 PARTIAL RCP MEZZANINE

A-5.1 SCALE: 1/8" = 1'-0"

13'-0" A.F.F.
CLEAR

3/8" MTL. STUDS @ 16"
O.C. W/ 3/4" GYP. BD.
EA. SIDE & 3" MIN.
BATT INSULATION
- PER UL #U419

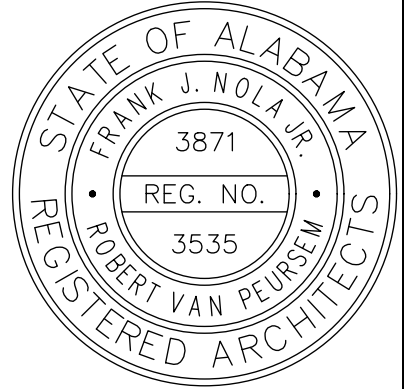
9'-6 3/4" A.F.F.

3/4" T&G PLYWOOD OVER
10" JOISTS @ 16" O.C.
W/ 5/8" GYP. BD. OVER
HAT CHANNELS OVER 3
LAYERS 5/8" TYPE-X
GYP. BD. & BATT
INSULATION
- PER UL #L556

TYPE-X SHAFTLINER ON
2 1/2" I-STUDS W/ 2
LAYERS 1/2" TYPE-C
GYP. BD.
- PER UL-417

9'-0" A.F.F.

SUSPENDED ACOUSTICAL
CEILING TILE - SEE
FINISH SCHEDULE FOR
TYPE

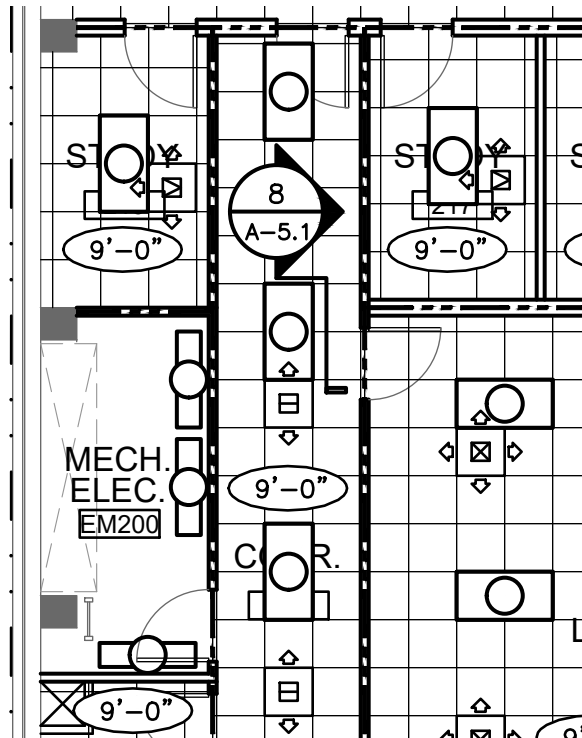


8

SOFFIT DETAIL

A-5.1

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



6

PARTIAL RCP MEZZANINE

A-5.1

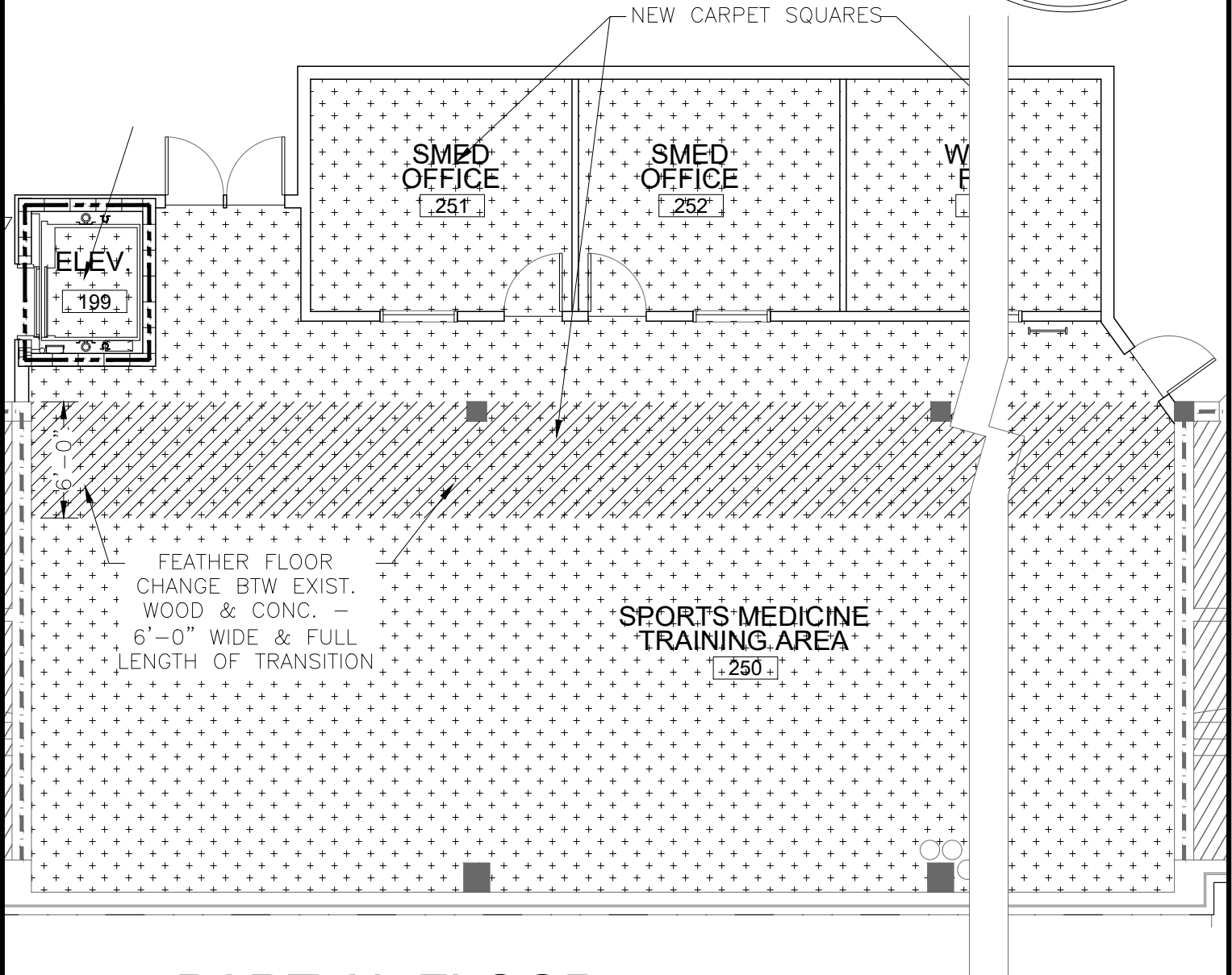
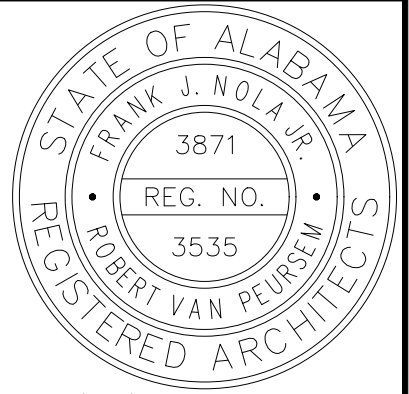
SCALE: 1/8" = 1'-0"

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PARTIAL FLOOR FINISH PLAN MEZZANINE

6
A-6.1

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

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ELEVATOR DOOR JAMB
BY MANUF.

SEE FLOOR PLAN FOR
WALL RATINGS

1 LAYER 5/8" HIGH IMPACT
GYP. BD. OVER 1 LAYER
5/8" GYP. BD. ON 8" MTL.
STUDS W/ BATT INSUL. (1
LAYER 5/8" GYP. BD. OVER
HAT CHANNELS OVER CMU
ABOVE DOOR.

1 LAYER 5/8" HIGH
IMPACT GYP. BD. ON 8"
MTL. STUDS W/ BATT
INSUL.

8" CMU ELEVATOR SHAFT
SEE STRUCTURAL

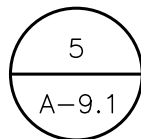
J-MOULD

1 LAYER 5/8" HIGH
IMPACT GYP. BD. ON 8"
MTL. STUDS W/ BATT
INSUL.

J-MOULD

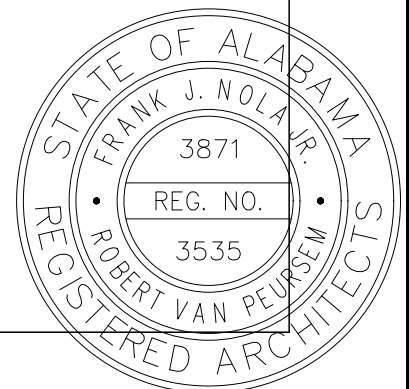
J-MOULD

EXIST. BLOCK WALL &
CONCRETE COLUMN
CONST. TO REMAIN



PLAN DETAIL

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

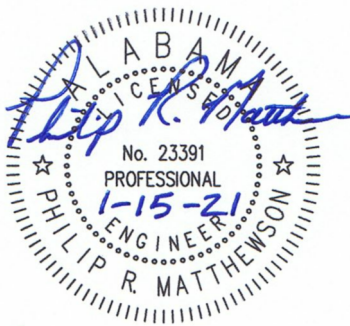


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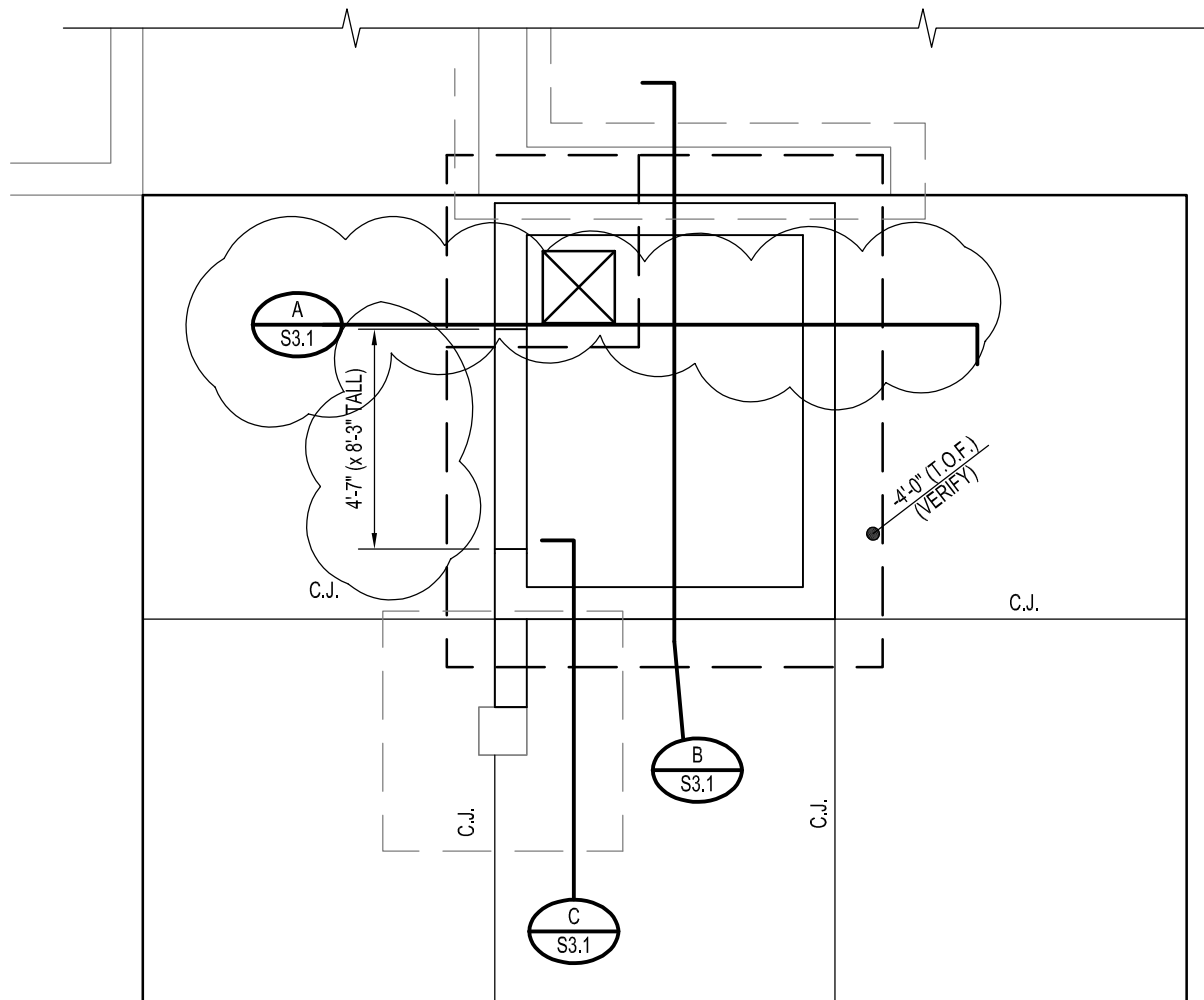
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CONTRACTOR TO DETERMINE EXTENTS OF
SLAB REMOVAL AND REPLACEMENT.

PARTIAL FOUNDATION PLAN

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

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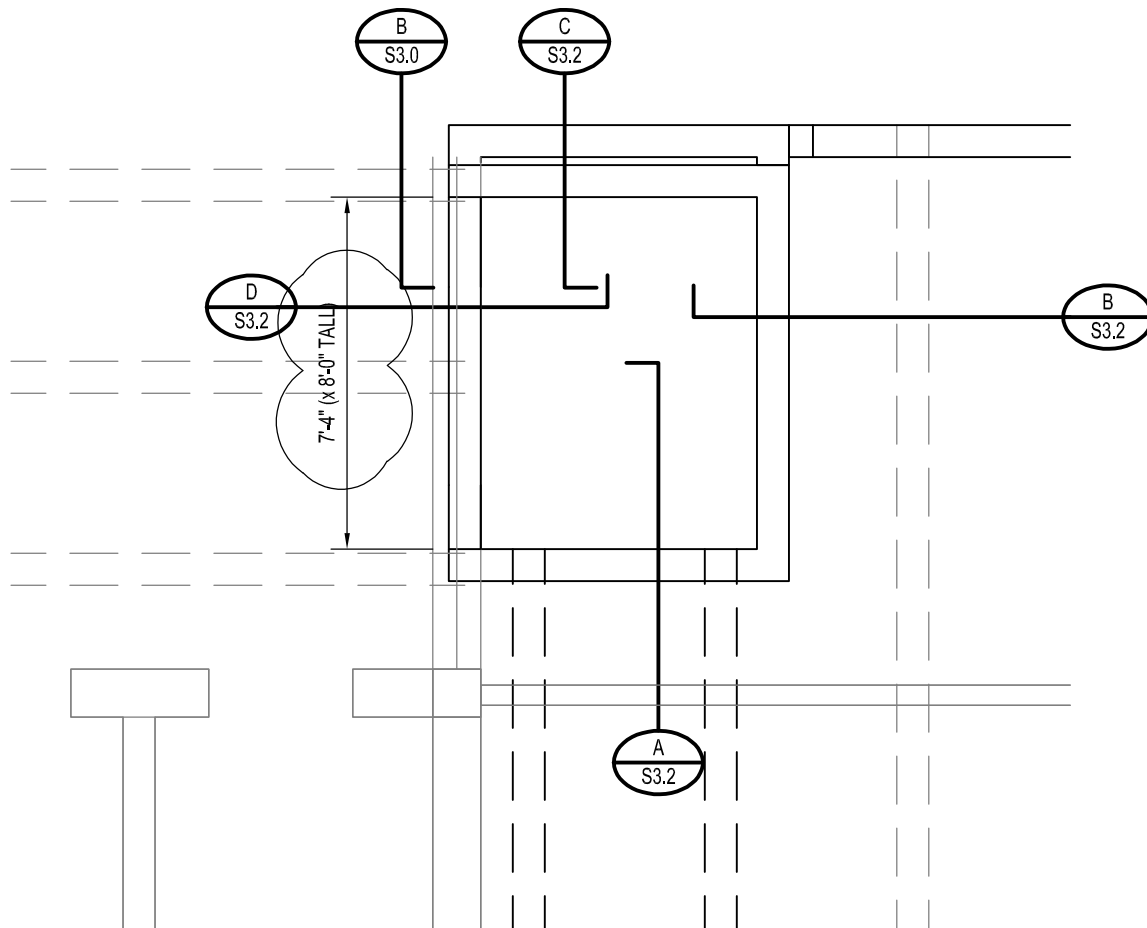
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PARTIAL SECOND FLOOR PLAN

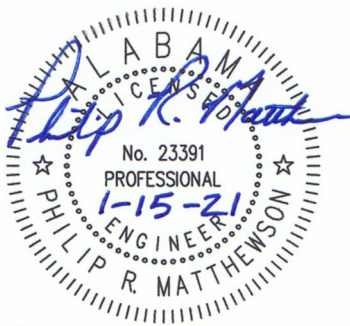
SCALE: 1/4" = 1'-0"

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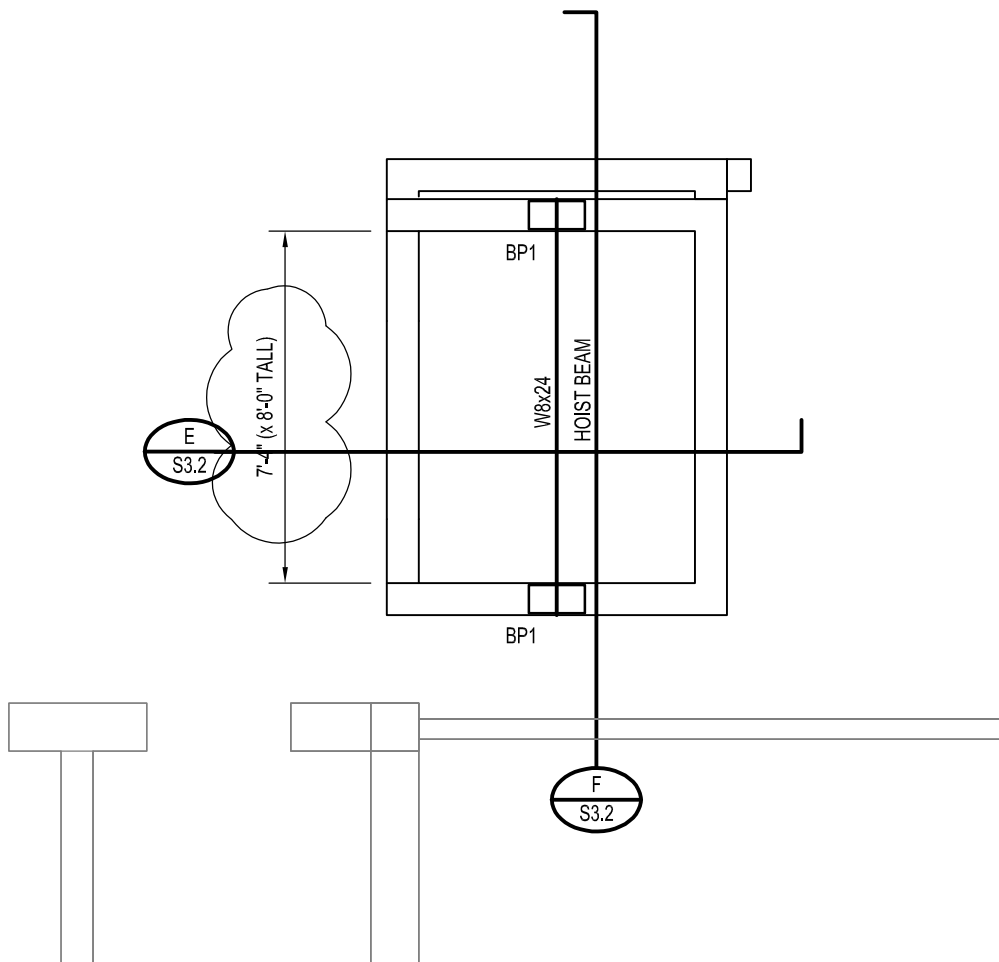
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ELEVATOR SHAFT CEILING PLAN

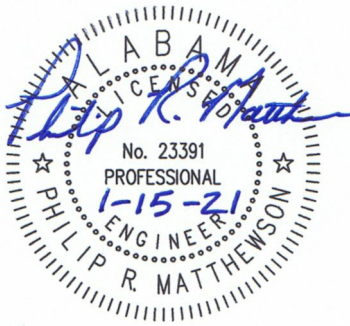
SCALE: 1/4" = 1'-0"

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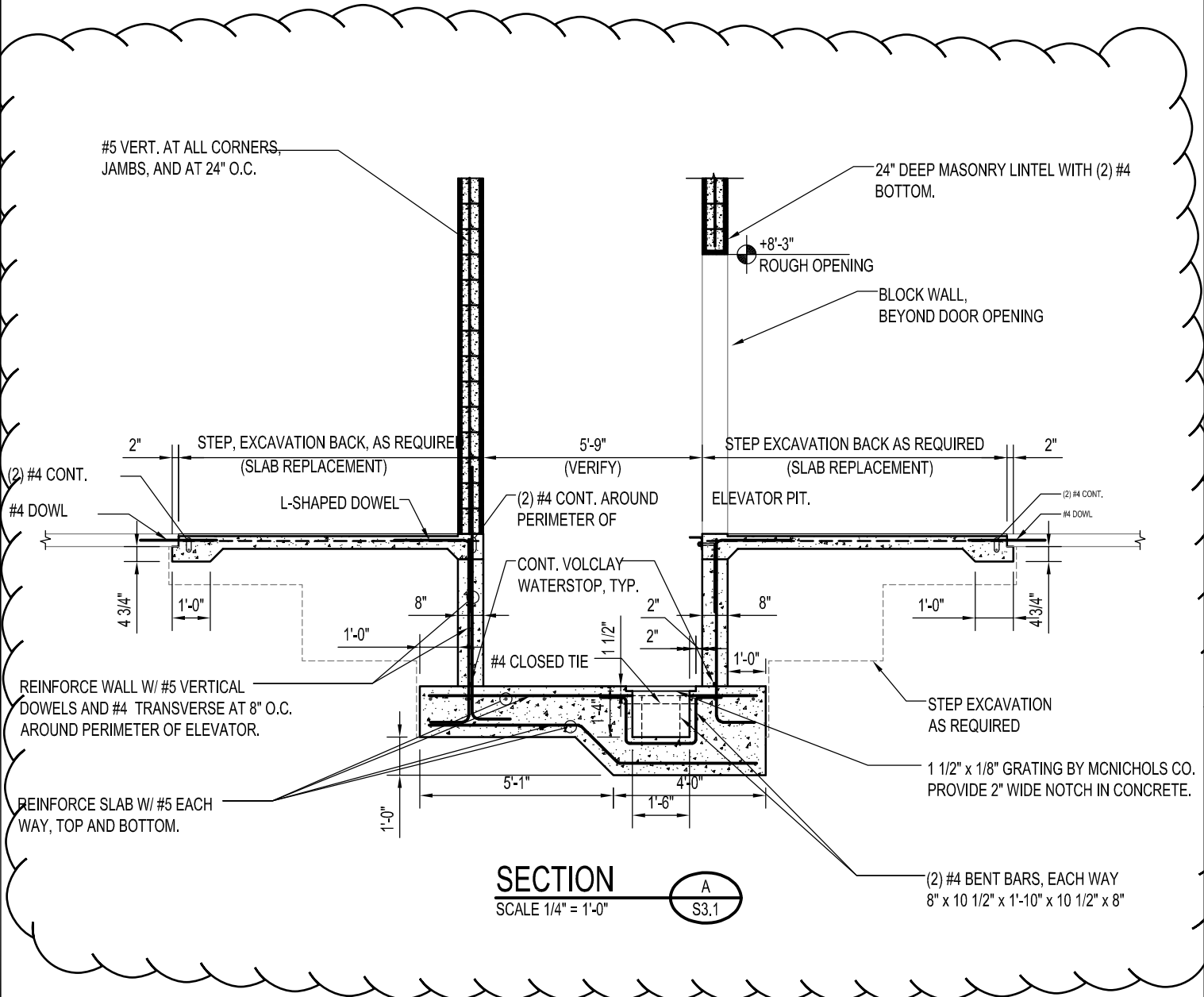
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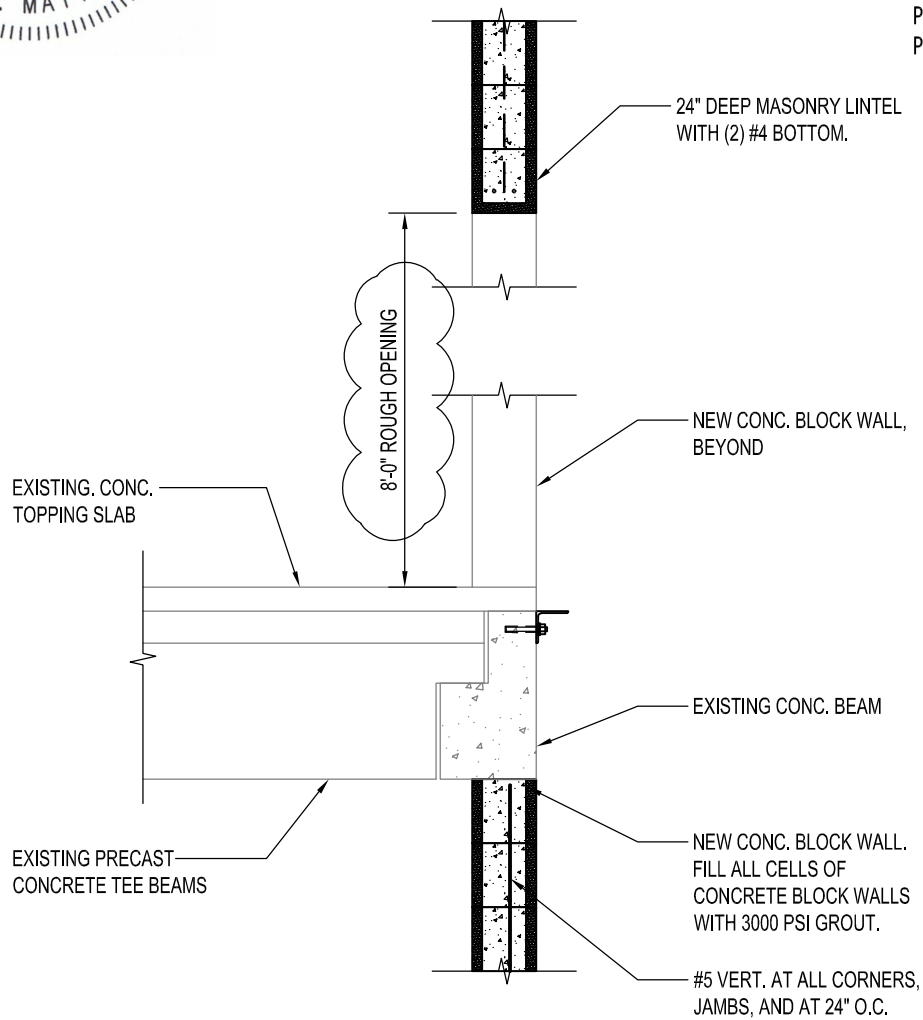
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SECTION

SCALE 1/2" = 1'-0"

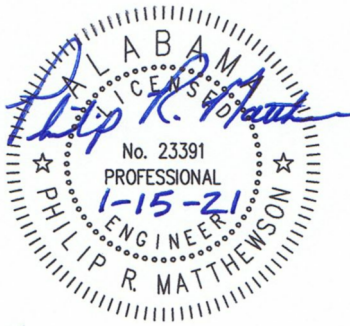


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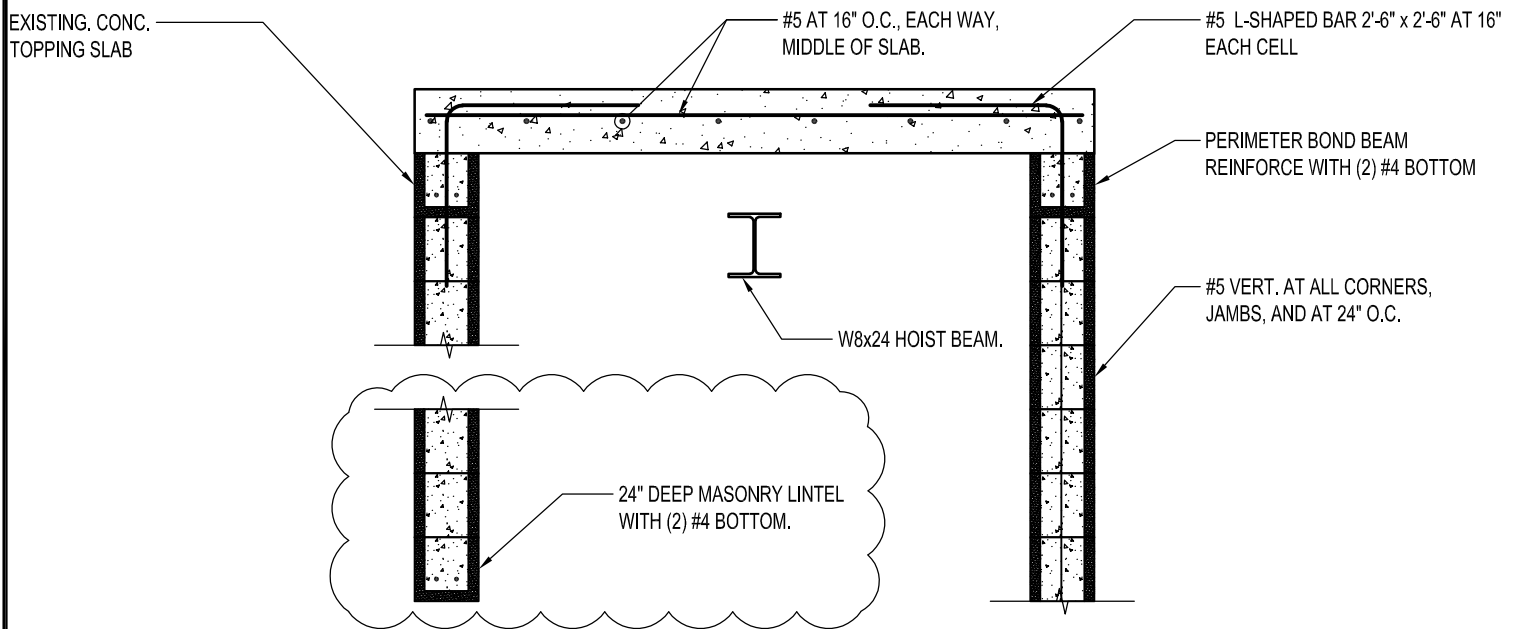
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SECTION

SCALE 1/2" = 1'-0"

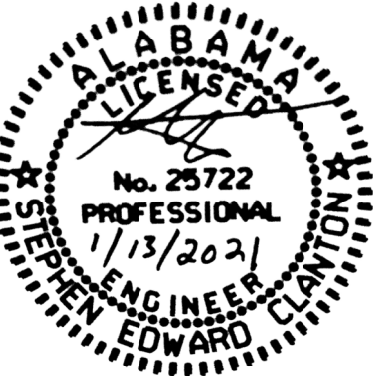


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JOB NUMBER
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JTB / SECURUS / 09.09.20
DRAWN - CHECKED - DATE

REVISIONS	
ADDENDUM #1	10.29.20
ADDENDUM #5	12.21.20
ADDENDUM #6	01.18.20

SHEET TITLE
MECHANICAL FLOOR PLAN

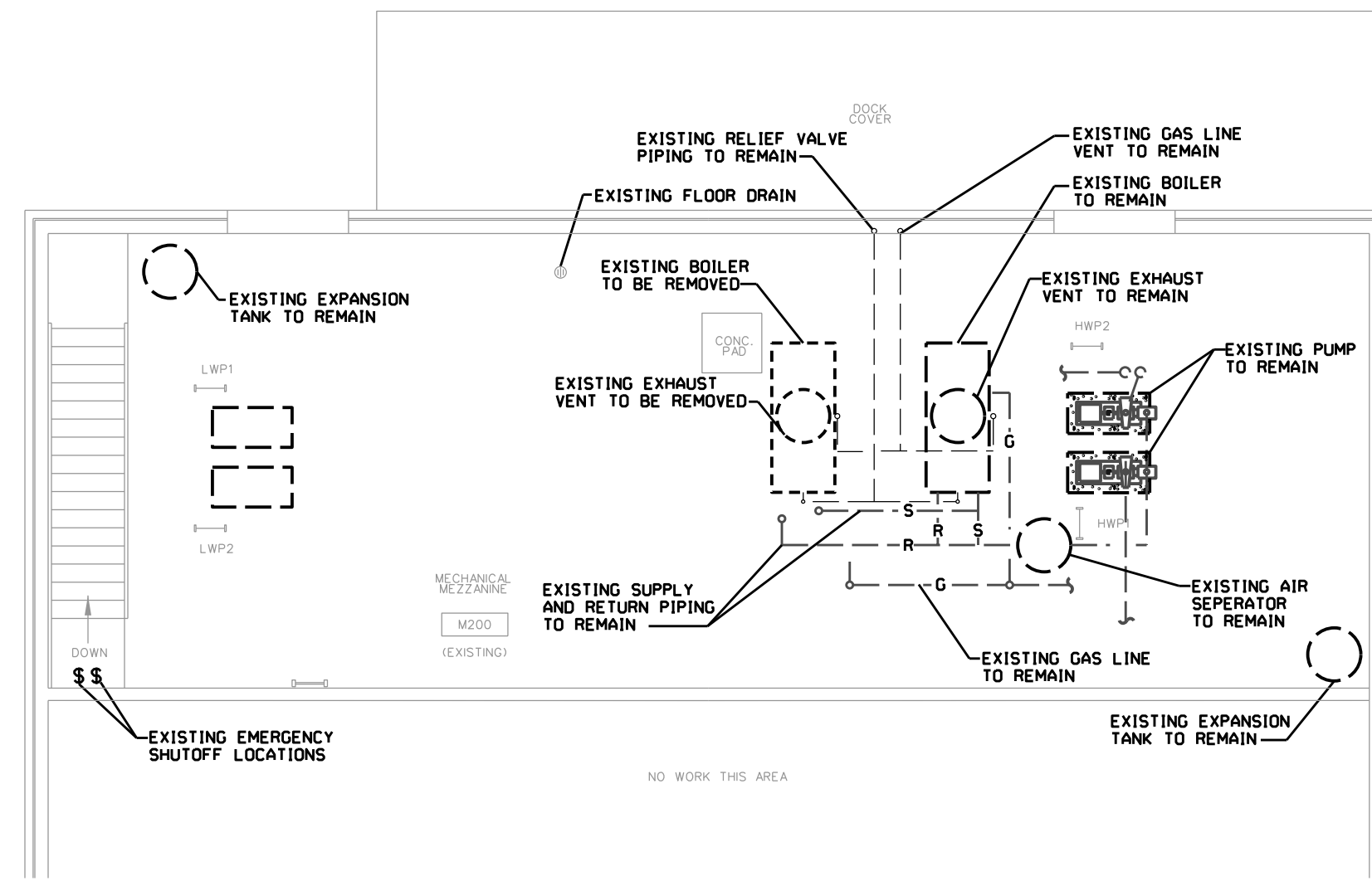
SHEET NUMBER
M-1
OF
4

DEMOLITION LEGEND

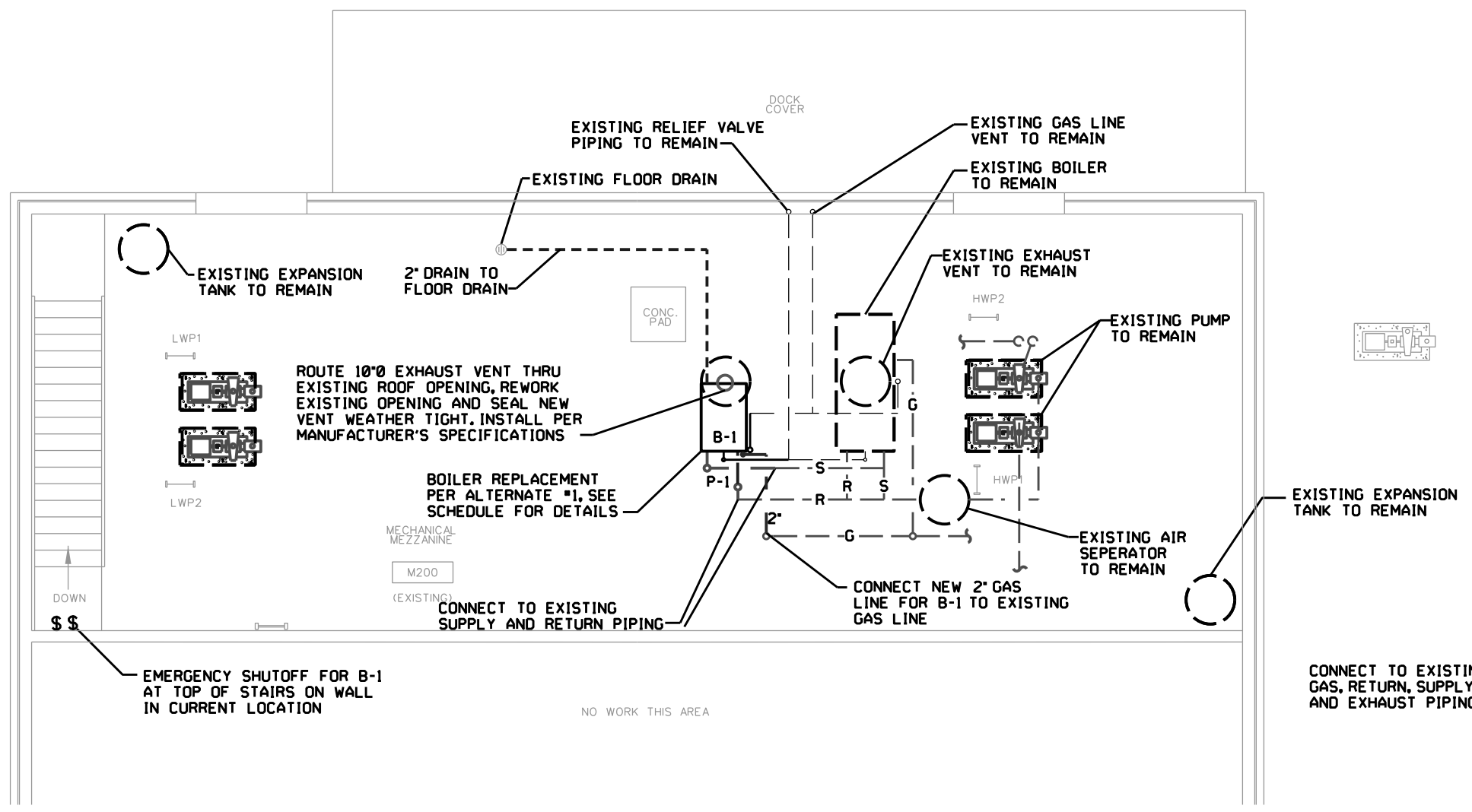
- R --- EXISTING RETURN PIPING TO REMAIN
- G --- EXISTING GAS PIPING TO REMAIN
- S --- EXISTING SUPPLY PIPING TO REMAIN
- S --- EXISTING RELIEF VALVE PIPING TO REMAIN
- S --- EXISTING GAS LINE VENT/ DRAIN TO REMAIN

MECHANICAL LEGEND

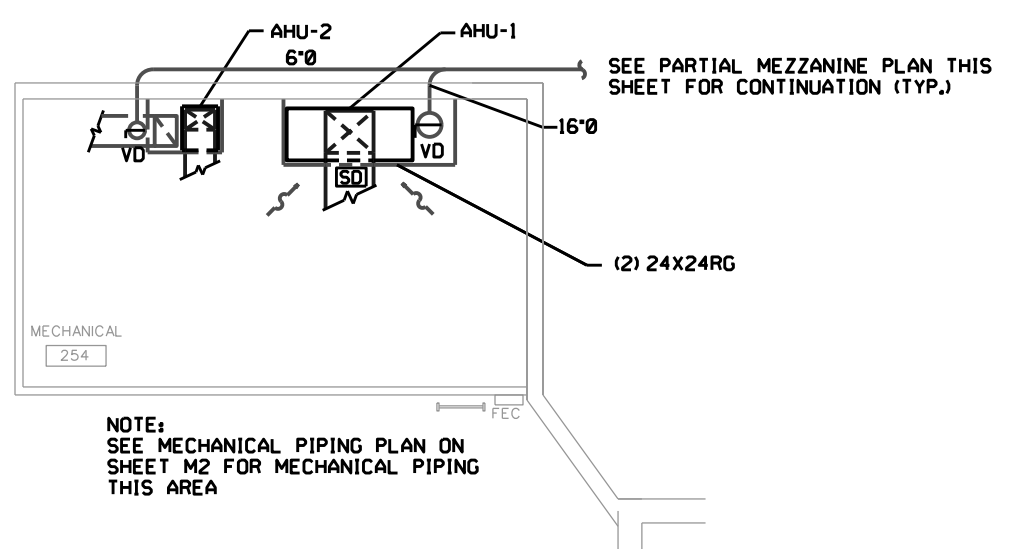
- SD • SMOKE DETECTOR
- VD • VOLUME DAMPER
- FD • FIRE DAMPER
- T • TEMPERATURE SENSOR
- A.V.E. • ADJUSTABLE VOLUME EXTRACTOR



BOILER REPLACEMENT, ALTERNATE #1
MECHANICAL ROOM DEMO PLAN
SCALE: 1/8" = 1'-0"

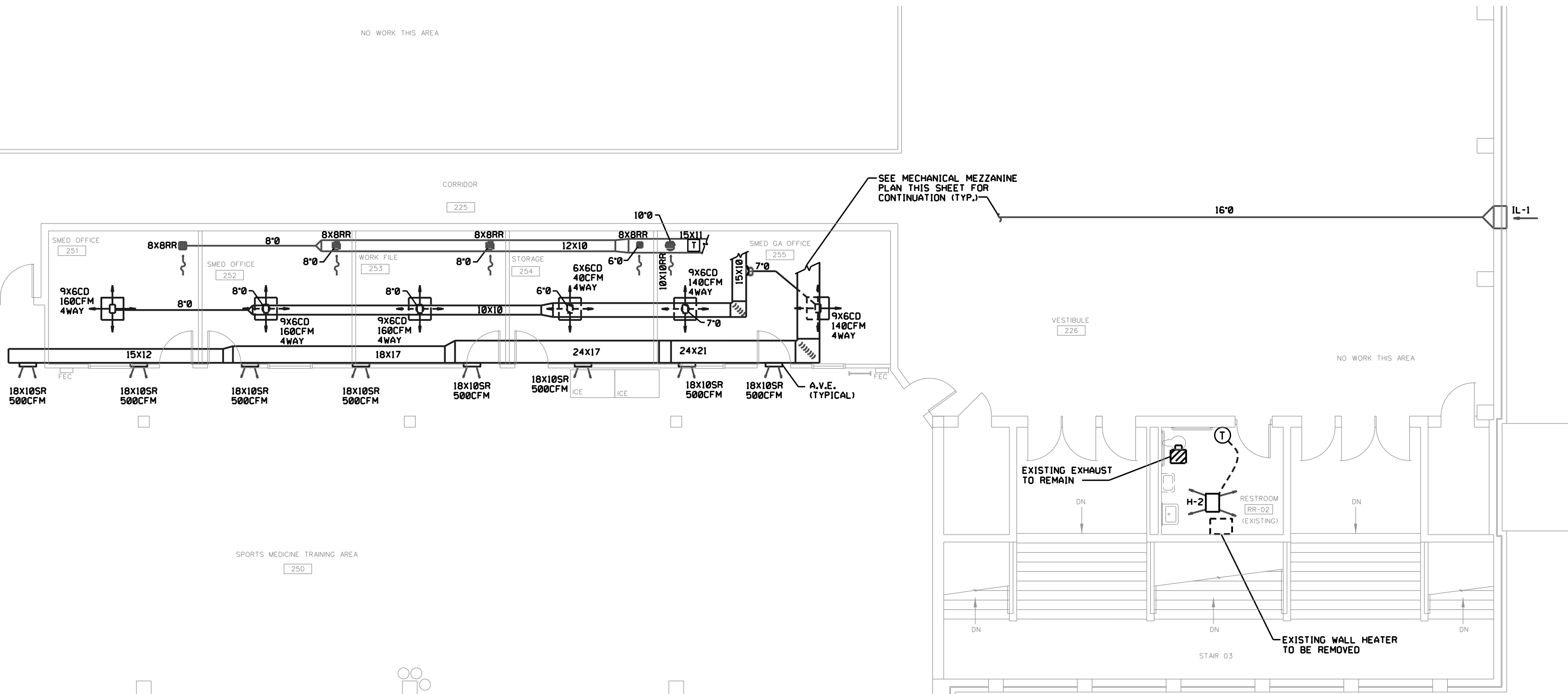


BOILER REPLACEMENT, ALTERNATE #1
MECHANICAL ROOM PLAN
SCALE: 1/8" = 1'-0"

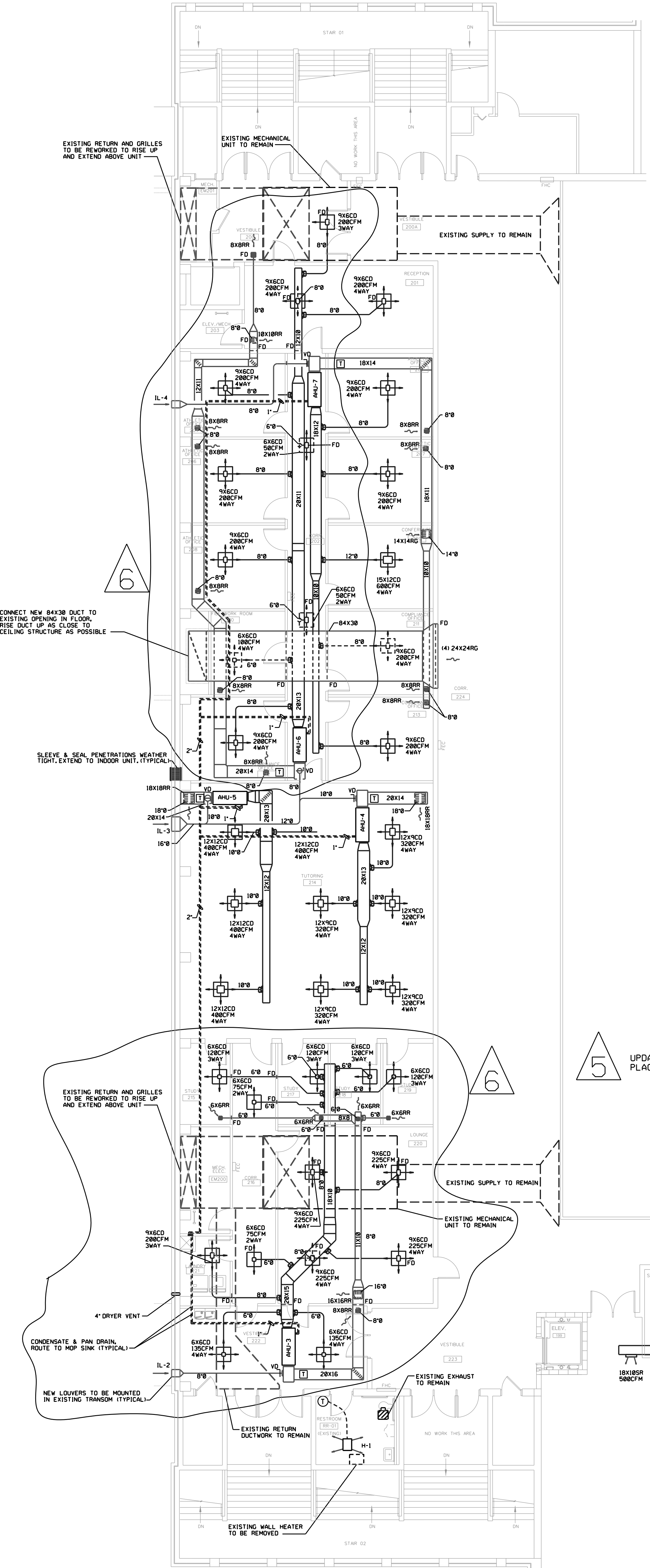


MECHANICAL MEZZANINE PLAN
SCALE: 1/8" = 1'-0"

5 UPDATED PLAN DESIGN TO SPLIT HEAT PUMPS IN PLACE OF WATER SOURCE HEAT PUMPS



PARTIAL MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



6

1

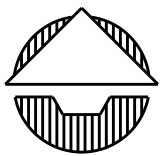
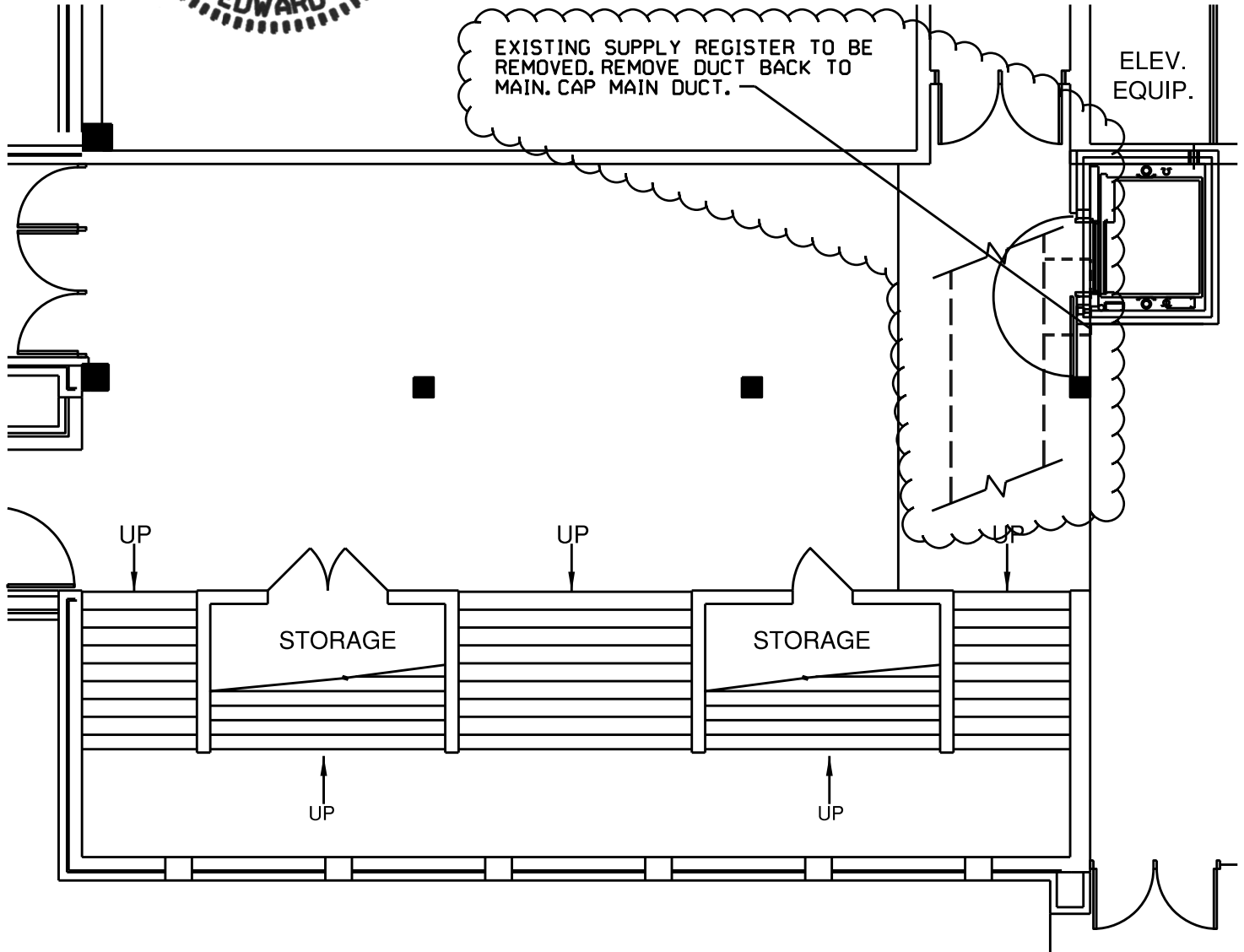
6

5



EXISTING SUPPLY REGISTER TO BE
REMOVED. REMOVE DUCT BACK TO
MAIN. CAP MAIN DUCT.

ELEV.
EQUIP.



PARTIAL GROUND FLOOR

MECHANICAL FLOOR PLAN

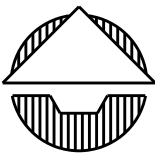
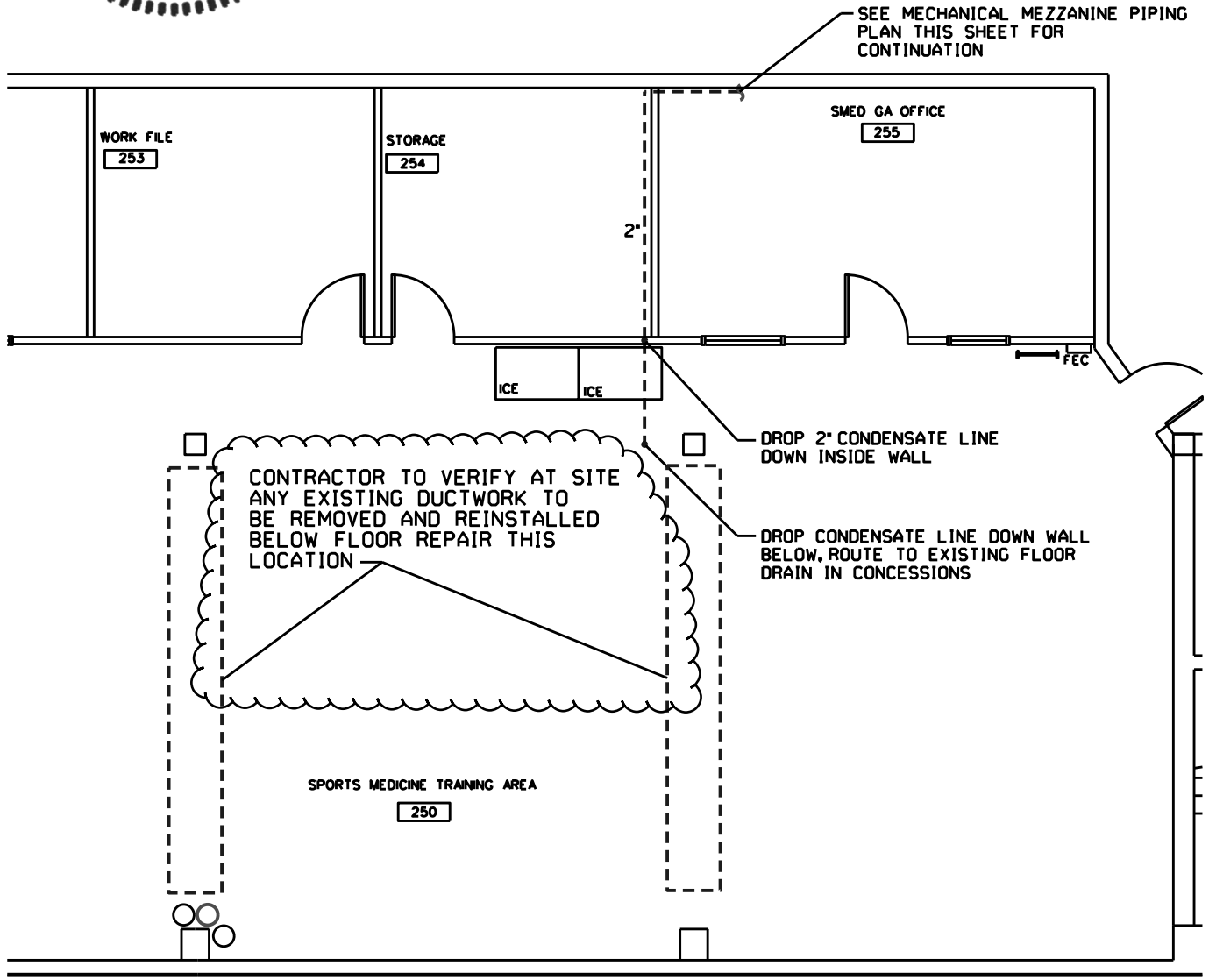
SCALE: $\frac{1}{8}" = 1'-0"$

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PARTIAL MEZZANINE PIPING PLAN

MECHANICAL FLOOR PLAN

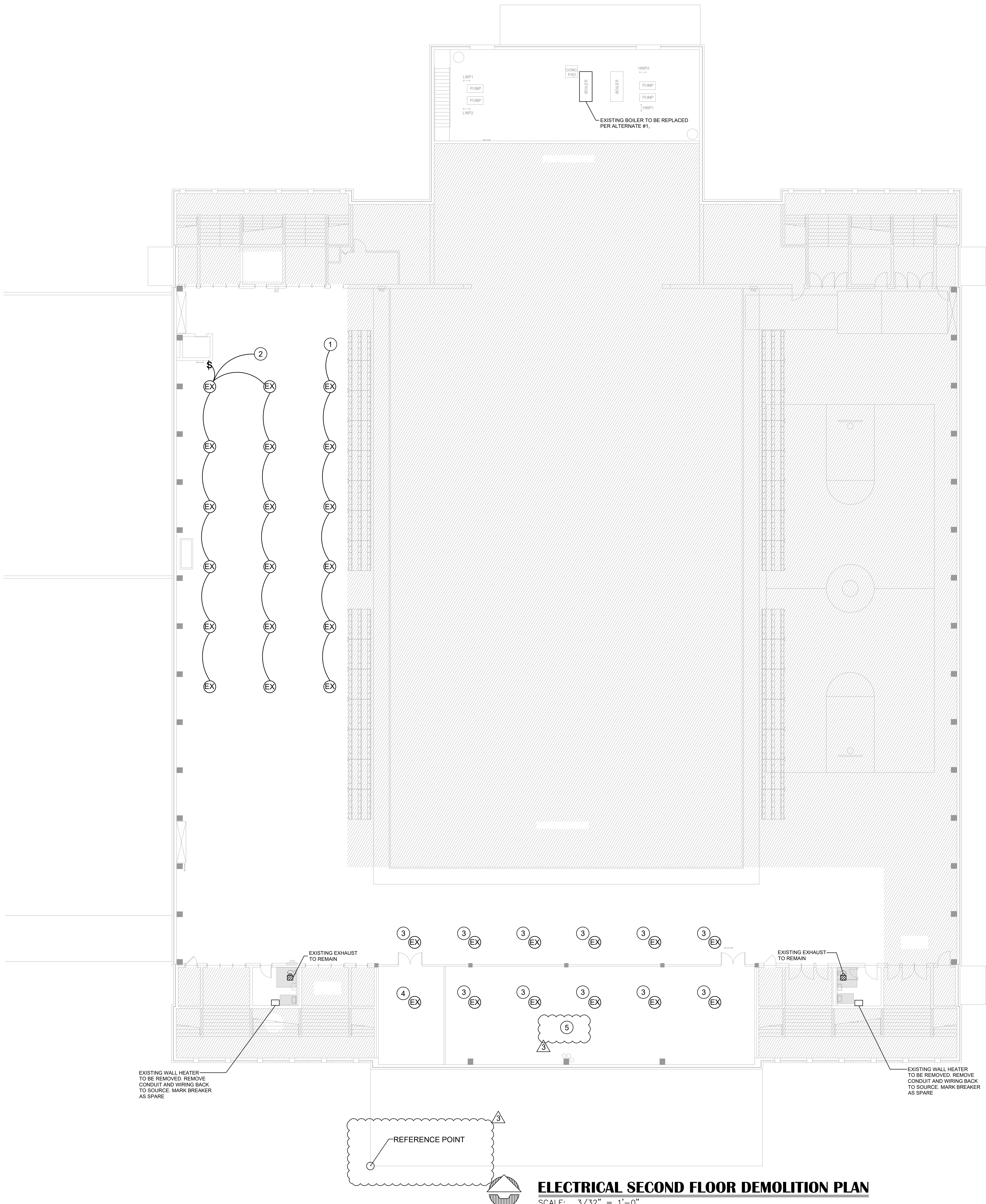
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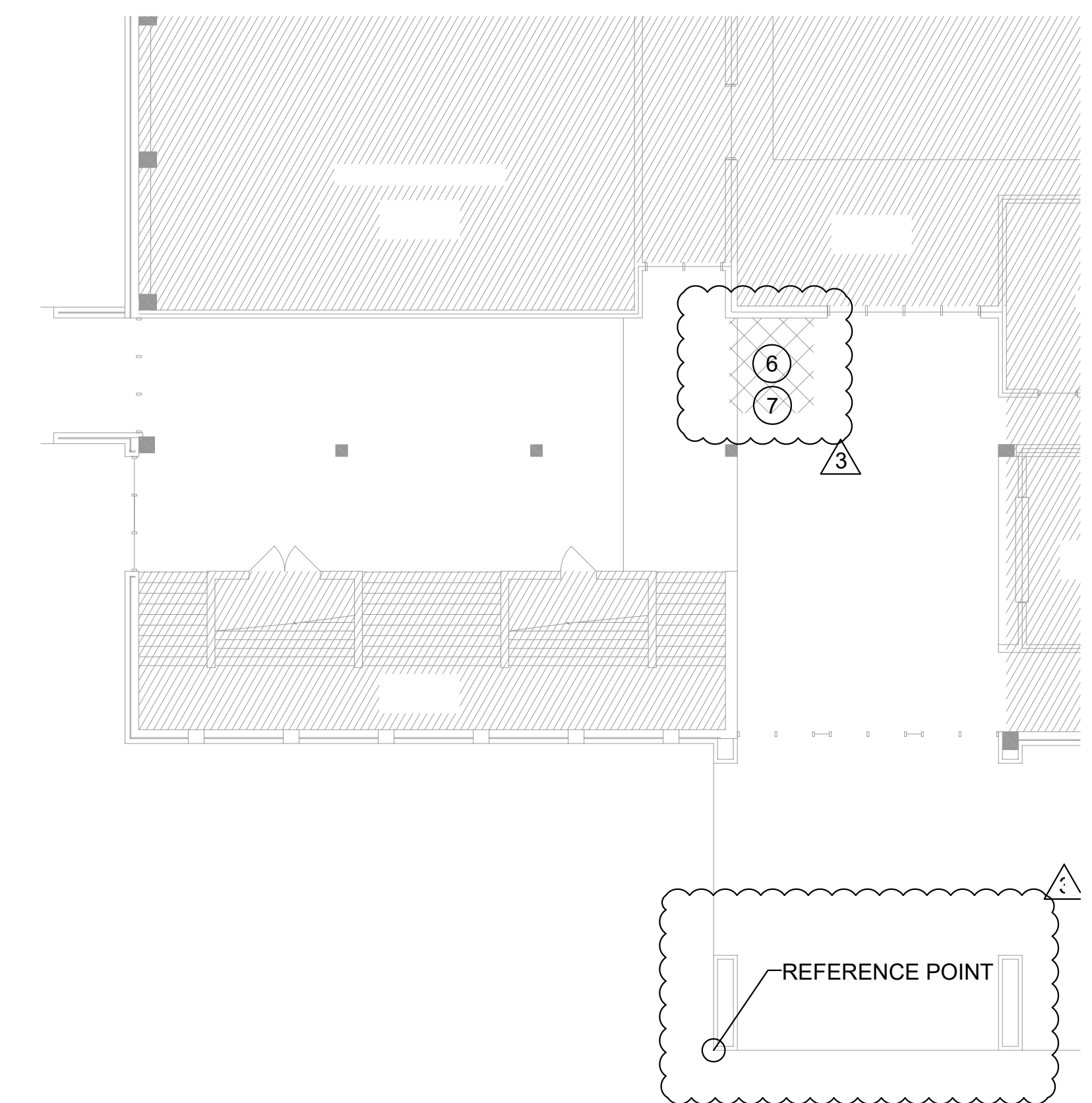
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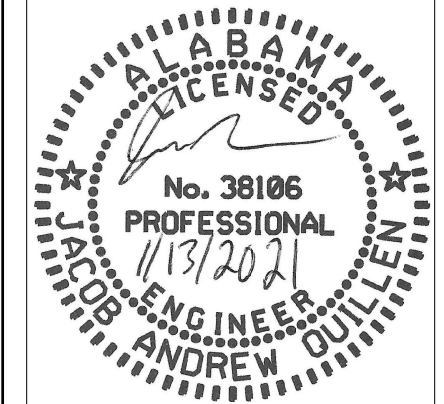


- ELECTRICAL LIGHTING DEMOLITION KEYED NOTES**
- EXISTING LIGHT FIXTURE TO REMAIN. RE-USE EXISTING CIRCUIT. CONTROL WITH EXISTING GYM LIGHTING.
 - EXISTING LIGHT FIXTURE TO REMAIN. RE-USE EXISTING CIRCUIT. PROVIDE NEW SWITCH AS SHOWN.
 - EXISTING LIGHT FIXTURE TO BE RELOCATED. SEE SHEET E3 FOR NEW LOCATION. RE-USE EXISTING CIRCUIT. CONTROL WITH EXISTING GYM LIGHTING.
 - EXISTING LIGHT FIXTURE TO BE REMOVED AND TURNED OVER TO OWNER.
 - CONTRACTOR TO DISCONNECT AND REMOVE CONDUIT AND WIRING IN CONFLICT WITH FLOOR AND DUCT MODIFICATIONS THIS ROOM. RECONNECT AND REINSTALL, COORDINATING WITH MECHANICAL AND ARCHITECTURAL. EXTEND AND RE-ROUTE IF REQUIRED.
 - CONTRACTOR TO DISCONNECT AND REMOVE TWO LIGHT FIXTURES IN CONFLICT WITH NEW ELEVATOR INSTALLATION. RECONNECT EXISTING CIRCUIT AND CONTROLS AS REQUIRED.
 - CONTRACTOR TO EXTEND AND RE-ROUTE EXISTING CONDUIT AND WIRING IN CONFLICT WITH NEW CONSTRUCTION THIS AREA.



PARTIAL FIRST FLOOR PLAN @ NEW ELEVATOR LOCATION
SCALE: 3/32" = 1'-0"

ELECTRICAL SECOND FLOOR DEMOLITION PLAN
SCALE: 3/32" = 1'-0"



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REVISIONS		
1	ADDENDUM 1	10.30.20
2	ADDENDUM 5	12.21.20
3	ADDENDUM 6	01.13.21

SHEET TITLE
ELECTRICAL DEMOLITION PLAN

SHEET NUMBER
E-2
OF
2