

January 12, 2024

Garvin Design Group  
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**ADDENDUM NO. 1**

**General**

The following items shall take precedence over the drawings and specifications for the above-named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided, or superseded shall remain in effect.

**Project Manual**

<u>Item No.</u>	<u>Description</u>
1.	<u>Revision:</u> Contact information has been updated in the Project Directory. The revised specification section is attached at the end of this Addendum.
2.	<u>Revision:</u> Elevator cab height was incorrectly listed in the specification. Height was corrected to 7'-9". The revised specification section is attached at the end of this Addendum.

**Drawings**

Revisions

<u>Item No.</u>	<u>Description</u>
1.	<u>Revision:</u> Reference Drawing AE1.0, FLOOR PLANS. Added linework and notes tying elevator foundation drain to nearby yard inlet. This sheet is attached at the end of this Addendum.
2.	<u>Revision:</u> Reference Drawing AE3.1, INTERIOR AND EXTERIOR PARTITION TYPES. Added plan details for new elevator wall tie into existing wall. This sheet is attached at the end of this Addendum.
3.	<u>Revision:</u> Reference Drawing AE9.1, VERTICAL CIRCULATION. Added plan detail call outs to all enlarged plans. This sheet is attached at the end of this Addendum.
4.	<u>Revision:</u> Reference Drawing AE9.2, VERTICAL CIRCULATION. Added plan detail call outs to all enlarged plans. This sheet is attached at the end of this Addendum.

**Pre-Bid Questions**

Revisions

<u>Item No.</u>	<u>Description</u>
1.	<u>Question:</u> Structural plan SE1.0 note refers to grout for helical pier being at 3,000 psi. a. <u>Response:</u> Yes, 3,000 psi grout should fill the stem/pipe of the helical pier.

2. Question: Structural drawing SE1.0 notes helical piers being galvanized while specifications note galvanized, or powder coated.
  - a. Response: Helical piers should be galvanized.
3. Question: Pier depth assumption based on geotechnical report is requested for pricing.
  - a. Response: Use an assumed depth of 30 feet.
4. Question: Would the on-site test pile be acceptable if it was included as the final pier for a footing?
  - a. Response: Yes, the test pier can be used provided it passes all tests.
5. Question: Do shunt trip breakers need to be included?
  - a. Response: Shunt trip breakers are needed for the new elevator breakers for interface to the fire alarm system.
6. Question: Suppliers have stated that the GE 400-Amp, 480-Volt, 3-Phase, 65KAIC TJJL Breaker Feed to New Panel 1H5 listed on the drawings is obsolete with no replacement available. Can we be provided with an acceptable substitute?
  - a. Response: Yes, another 400A 480V 655AIC rated breaker that is compatible and listed for use with the existing GE AV-Line Switchboard would be acceptable.

END OF ADDENDUM NO. 1

Attachments:

1. Spec section PROJECT DIRECTORY
2. Spec section 142100 – ELECTRICAL TRACTION ELEVATOR
3. Drawing AE1.0 – FLOOR PLANS
4. Drawing AE3.1 – INTERIOR AND EXTERIOR PARTITION TYPES
5. Drawing AE9.1 – VERTICAL CIRCULATION
6. Drawing AE9.2 – VERTICAL CIRCULATION

PROJECT DIRECTORY (Addendum No. 1)

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SECTION 142100 – ELECTRIC TRACTION ELEVATORS (Addendum No. 1)

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. This Section includes electric traction passenger elevators.
- B. Related Sections include the following:
  - 1. Division 01 Section "Temporary Facilities and Controls" for protection of floor openings and personnel barriers; temporary power and lighting.
  - 2. Division 03 Section "Cast-in-Place Concrete" for elevator pit and elevator machine foundation.
  - 3. Division 04 Section "Unit Masonry" for masonry hoistway enclosure, building-in and grouting hoistway door frames and grouting of sills, setting sleeves, inserts, and anchoring devices in concrete masonry units.
  - 4. Division 05 Section "Metal Fabrications" for the following:
    - a. Attachment plates, angle brackets, auxiliary support steel and divider beams for supporting guide-rail brackets.
    - b. Structural-steel shapes for subsills and entrance frames.
    - c. Pit ladders.
    - d. Hoist beams.
  - 5. Division 09 Section "Resilient Sheet Flooring" for finish flooring in elevator cars.
  - 6. Division 26 Sections for electrical service for elevators to and including fused disconnect switches at machine room door, transfer switches with shunt trip circuit breakers, connection from auxiliary contacts in transfer switch to controller, and Emergency (Standby) Power Supply Systems.
  - 7. Division 26 Section "Voice and Data Communication Cabling" for telephone service for elevators.
  - 8. Division 26 Section "Digital, Addressable Fire-Alarm System" for smoke detectors in elevator lobbies to initiate emergency recall operation.

1.3 DEFINITIONS

- A. Definitions in ASME A17.1 apply to work of this Section.
- B. Defective Elevator Work: Operation or control system failure, including excessive malfunctions; performances below specified ratings; excessive wear; unusual deterioration or aging of materials or finishes; unsafe conditions; need for excessive maintenance; abnormal noise or vibration; and similar unusual, unexpected, and unsatisfactory conditions.

1.4 SUBMITTALS

- A. Product Data: Include capacities, sizes, performances, operations, safety features, finishes, and similar information. Include product data for the following:
1. Signal and operating fixtures, operating panels and indicators.
  2. Cab design, dimensions and layout.
  3. Hoistway-door and frame details
  4. Electrical characteristics and connection requirements
  5. Expected heat dissipation of elevator equipment in hoistway (BTU).
  6. Color selection chart for Cab and Entrances.
- B. Shop Drawings: Show plans, elevations, sections, and large-scale details indicating service at each landing, machine room layout, coordination with building structure, relationships with other construction, and locations of equipment and signals. Include the following:
1. Large-scale layout of car control station and standby power operation control panel. Indicate variations from specified requirements, maximum dynamic and static loads imposed on building structure at points of support, and maximum and average power demands.
  2. Car, guide rails, buffers, and other components in hoistway.
  3. Maximum rail bracket spacing.
  4. Maximum loads imposed on guide rails requiring load transfer to building structure.
  5. Clearances and travel of car.
  6. Clear inside hoistway and pit dimensions.
  7. Location and sizes of access doors, hoistway entrances and frames.
- C. **The elevator manufacturer shall provide written confirmation on company letterhead confirming the Non-Proprietary design of the entire control system and components. This shall be signed by an authorized company representative**
- D. Samples: For exposed finishes of cars, hoistway doors and frames, and signal equipment; 3-inch- (75-mm-) square Samples of sheet materials; and 4-inch (100-mm) lengths of running trim members. When requested, submit color charts of exposed finishes for color selection.
- E. Manufacturer Certificates: Signed by elevator manufacturer certifying that hoistway, pit, and machine room layout and dimensions, as shown on Drawings, and electrical service including standby-power generator, as shown and specified, are adequate for elevator system being provided.
- F. Qualification Data: Manufacturer.
- G. Operation and Maintenance Data: For elevators to include in emergency, operation, and maintenance manuals. Provide Owner's Manual and Wiring Diagrams. Provide three (3) hardcopies and one (1) laminated hardcopy.
- H. Inspection and Acceptance Certificates and Operating Permits: As required by authorities having jurisdiction for normal, unrestricted elevator use.

- I. Permits, Inspections and Certificates: Elevator contractor shall obtain and pay for all necessary Municipal and/or State inspections and permits as required by the elevator inspection authority, and make such tests as are called for by the regulations of such authorities. These tests shall be made in the presence of such authorities or their authorized representatives.
  - 1. Arrange for inspections and make required tests. Coordinate inspections and tests with Contractor.
  - 2. Deliver to Owner upon completion and acceptance of elevator work.
- J. Warranty: Special warranty specified in this Section.

#### 1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Elevators shall be installed by the manufacturer.
- B. Manufacturer's Qualifications: Regularly engages in manufacturing, installing, and servicing elevators of the type specified.
- C. Source Limitations: Obtain elevators through one source from a single manufacturer.
  - 1. Provide major elevator components, including pump-and-tank units, hydraulic cylinder assemblies, controllers, signal fixtures, door operators, car frames, cabs, and entrances, manufactured by a single manufacturer.
- D. Regulatory Requirements: Comply with applicable provisions in ASME A17.1/CSA B44, "Safety Code for Elevators and Escalators", ICC/ANSI A117.1, and IBC 2012.
  - 1. Provide earthquake equipment required by ASME A17.1/CSA B44.
  - 2. Project's seismic design category is C.
  - 3. See Structural Drawings for seismic and structural loads.
- E. Accessibility Requirements: Comply with ICC/ANSI A117.1.
- F. Fire-Rated Hoistway Entrance Assemblies: Door and frame assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing at as close to neutral pressure as possible according to NFPA 252 or UL 10B.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle materials, components and equipment in manufacturer's protective packaging.
- B. Store materials, components, and equipment off of ground, under cover, and in a dry location. Handle according to manufacturer's written recommendations to prevent damage, deterioration, or soiling.

1.7 COORDINATION

- A. Coordinate installation of sleeves, block outs, and items that are embedded in concrete for elevator equipment. Furnish templates and installation instructions and deliver to Project site in time for installation.
- B. Coordinate sequence of elevator installation with other work to avoid delaying the Work.
- C. Coordinate locations and dimensions of other work relating to hydraulic elevators including pit ladders, sumps, and floor drains in pits; entrance subsills; and electrical service, electrical outlets, lights, and switches in hoistways and pits.

1.8 WARRANTY

- A. Special Manufacturer's Warranty: Manufacturer's standard form in which manufacturer agrees to repair, restore, or replace defective elevator work within specified warranty period.
  - 1. Warranty Period: One year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: The design for electric traction elevators No. EV1 and EV2 is based on Otis Elevator's Gen3 machine-room less elevator system. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
  - 1. ThyssenKrupp Elevator Company.
  - 2. Schindler Elevator Corporation.
  - 3. Provide machine-room less Gen3 traction passenger elevators from Otis Elevator Company. The control system and card design based on materials and systems manufactured by Otis Elevator Company. The system shall consist of the following components:
    - a. Controller located entirely inside the hoistway.
    - b. An AC gearless machine using embedded permanent magnets mounted at the top of the hoistway.
    - c. Polyurethane Coated-Steel Belts for elevator hoisting purposes.
    - d. LED lighting standard in ceiling lights and elevator fixtures.
    - e. Sleep mode operation for LED ceiling lights and car fan.

2.2 SYSTEMS AND COMPONENTS

- A. **General: Provide manufacturer's standard elevator systems except where indicated otherwise.** Where components are not otherwise indicated, provide standard components published by

manufacturer as included in standard pre-engineered elevator systems and as required for complete system.

- B. Equipment Description: Gen3 Edge gearless machine-room less elevator by Otis Elevator where all components fit inside the hoistway with the controller in the top landing entrance frame.
- C. Equipment Control: Elevonic Control System.
- D. Drive: Regenerative.
- E. Quantity of Elevators: Two.
- F. Stops: Three.
- G. Openings: Front only.
- H. Travel: 29'-0".
- I. Rated Capacity: 3500 lbs.
- J. Rated Speed: 150 fpm.
- K. Clear Hoistway Dimensions: 17'-8" x 6'-11".
- L. Clear Car Inside Dimensions: 6'-5 9/16" x 5'5 9/16".
- M. Cab Height: 7'-9".
- N. Clear Cab Height: 7'-4 5/16".
- O. Entrance Type and Width: Single Slide – 36".
- P. Entrance Height: 7'-0"
- Q. Main Power Supply: 480 volts, 3-Phase, with a separate equipment grounding conductor.
- R. Car Lighting Power Supply: 120 V., single-phase, 15 amps, 60 Hz.
- S. Machine Location: Inside the hoistway at the top of the hoistway.
- T. Signal Fixtures: Manufacturer's standard with metal button targets.
- U. Controller Location: In the top landing entrance frame.

## 2.3 OPERATION SYSTEMS

- A. **General: Provide non-proprietary microprocessor-based elevator control system that is serviceable and maintainable by any qualified maintenance provider capable of**



**maintaining apparatus of similar design and complexity. Elevator control system shall not require any external proprietary service tool.**

- B. Operation: Simplex Collective Operation: Using a microprocessor-based controller, operation shall be automatic by means of the car and hall buttons. If all calls in the system have been answered the car shall park at the last landing served.

Operation Features – Standard:

1. Full Collective Operation.
  2. Anti-nuisance.
  3. Fan and Light protection.
  4. Load Weighing Bypass.
  5. Independent Service.
  6. Firefighters' Service Phase 1 and Phase II.
  7. Top of Car inspection.
- C. Auxiliary Operations: In addition to primary operation system features, provide the following operational features for elevators where indicated:
1. Automatic Dispatching of Loaded Car: When car load exceeds 80 percent of rated capacity, doors will begin closing.
  2. Nuisance Call Cancel: When car calls exceed a preset number while car load is less than a predetermined weight, all car calls are canceled. Preset number of calls and predetermined weight can be adjusted.
  3. Automatic Standby Power Operation with Manual Override.
- D. Security Features: Provide the following security features, where indicated. Security features shall not affect emergency firefighters' service.
1. Car-to-Lobby Feature: Feature, activated by keyswitch at main lobby, that causes car to return immediately to lobby and open doors for inspection. On deactivation by keyswitch, calls registered before keyswitch activation are completed and normal operation is resumed.
- E. **Controller: The elevator control system shall be non-proprietary type so that full service may be performed by any qualified maintenance provider capable of maintaining apparatus of similar design and complexity. The elevator control system shall include all diagnostic equipment needed or as required in order to identify malfunctioning processor units required for the type of operation system indicated.** The elevator control system shall be microprocessor based and software oriented and be linked together for purposes of communication by a serial communications link. Controller shall be protected from environmental extremes and excessive vibrations in a NEMA 1 enclosure. Controller shall be integrated in a hoistway entrance jamb. Control of the elevator shall be automatic in operation by means of push buttons in the car numbered to correspond to floors served, for registering car stops, and by “up-down” push buttons at each intermediate landing and “call” push buttons at terminal landings.

1. Monetary pressing of one or more buttons shall dispatch the car to the designated landings in the order in which the landings are reached by the car, irrespective of the sequence in which the buttons are pressed. Each landing call shall be canceled when answered.
  2. When the car is traveling in the up direction, it shall stop at all floors for which car buttons or “up” hall buttons have been pressed. The car shall not stop at floors where “down” buttons have been pressed, unless the stop for that floor has been registered by a car button or unless the down call is at the highest floor for which any buttons have been pressed. Pressing the “up” button when the car is traveling in the down direction shall not intercept the travel unless the stop for that floor has been registered by a car button or unless the up call is the lowest for which any button has been pressed.
  3. When the car has responded to its highest or lowest stop, and stops are registered for the opposite direction, its direction of travel shall reverse automatically and it shall then answer the calls registered for that direction. If both up and down calls are registered at an intermediate floor, only the call corresponding to the direction of car travel shall be canceled upon the stopping of the car at the landing.
- F. Service Panel: Shall be located outside the hoistway in the controller entrance jamb and shall provide the following functionality/features:
1. Access to main control board and CPU.
  2. Main controller diagnostics.
  3. Main controller fuses.
  4. Universal Interface tool.
  5. Remote valve adjustment.
  6. Electronic motor starter adjustment and diagnostics.
  7. Operation of pit motorized shut-off valve with LED feedback to the state of the valve in the pit.
  8. Operation of electrical assisted manual lowering.
  9. Run/stop button.
- G. Automatic Light and Fan shut down: The control system shall evaluate the system activity and automatically turn off the cab lighting and ventilation fan during periods of inactivity. The settings shall be field programmable.
- H. Single-Car Standby-Power Operation: On activation of standby power, car is returned to a designated floor and parked with doors open. Car can be manually put in service on standby power, either for return operation or for regular operation, by switches in control panel located at main lobby. Manual operation causes automatic operation to cease.
- 2.4 FIRE ALARM CONTROL PANEL INTERFACE
- A. General: If a smoke detector in an elevator lobby senses smoke, the fire alarm control panel (FACP) will send a signal to the elevator controller to move the car to a designated egress floor, usually first or main level. If smoke is detected in the designated egress floor lobby, then the controller sends the car to an alternate floor (next best egress floor, i.e. second floor). If smoke is detected in the elevator shaft (detectors located in pit and at top) or in elevator equipment room and the room temperature remains under sprinkler head rating (165 degrees), the FACP will tell the car to go to the designated floor. Heat detectors are provided in the equipment room and top of elevator shaft and set at 135 degrees. If heat is

detected in these locations, the FACP sends a signal to shunt trip (shut down) electrical power to the elevator before the sprinkler system is turned on at 165 degrees. The elevator car will be lowered to lowest floor and doors opened and remain open.

## 2.5 EQUIPMENT: HOISTWAY COMPONENTS

- A. Machine: AC gearless machine, with a synchronous permanent-magnet motor, dual solenoid service and emergency disc brakes, mounted at the top of the hoistway.
- B. Governor: The governor shall be a tension type car-mounted governor.
- C. Buffers, Car, and Counterweight: Polyurethane type buffers shall be used for speeds of 150 feet per minute.
- D. Hoistway Operating Devices: Emergency stop switch in the pit. Terminal stopping switches.
- E. Positioning System: Consists of an encoder, reader box, and door zone vanes.
- F. Guide Rails and Attachments: Guide rails shall be Tee-section steel rails with brackets and fasteners. Side counterweight arrangements shall have a dual-purpose bracket that combines both counterweight guide rails and one of the car guide rails to building fastening.
- G. Coated-Steel Belts: Polyurethane coated belts with high-tensile-grade, zinc-plated steel cords and a flat profile on the running surface and the backside of the belt. The belts shall have an FT-1 rating as referenced by NFPA 13. All driving sheaves and deflector sheaves should have a crowned profile to ensure center tracking of the belts. A continuous 24/7 monitoring system using resistance-based technology shall be installed to continuously monitor the integrity of the coated steel belts and provide advanced notice of belt wear.
- H. Governor Rope: Shall be steel and shall consist of at least eight strands wound about a sisal core center.

## 2.6 DOOR OPERATION

- A. Door Operation: Provide a direct current motor driven heavy duty operator designed to operate the car and hoistway doors simultaneously. Door movements shall be electrically cushioned at both limits of travel and the door operating mechanism shall be arranged for manual operation in event of power failure. Doors shall automatically open when the car arrives at the landing and automatically close after an adjustable time interval or when the car is dispatched to another landing. Closed-loop, microprocessor controlled motor-driven linear door operator, with adjustable torque limits, also acceptable.
  - 1. No Un-Necessary Door Operation: The car door shall open only if the car is stopping for a car or hall call, answering a car or hall call at the present position or selected as a dispatch car.
  - 2. Door Open Time Saver: If a car is stopping in response to a car call assignment only (no coincident hall call), the current door hold open time is changed to a shorter field programmable time when the electronic door protection device is activated.
  - 3. Double Door Operation: When a car stops at a landing with concurrent up and down hall calls, no car calls, and no other hall call assignments, the car door opens to answer the hall call in the

direction of the car's current travel. If an onward car call is not registered before the door closes to within 6 inches of fully closed, the travel will reverse and the door will reopen to answer the other call.

4. Nudging Operation: The doors shall remain open as long as the electronic detector senses the presence of a passenger or object in the door opening. If door closing is prevented for a field programmable time, a buzzer will sound. When the obstruction is removed, the door will begin to close at reduced speed. If the infra-red door protection system detects a person or object while closing on nudging, the doors will stop and resume closing only after the obstruction has been removed.
  5. Limited Door Reversal: If the doors are closing and the infra-red beam(s) is interrupted, the doors will reverse and reopen partially. After the obstruction is cleared, the doors will begin to close.
  6. Door Open Watchdog: If the doors are opening, but do not fully open after a field adjustable time, the doors will recycle closed then attempt to open six times to try and correct the fault.
  7. Door Close Watchdog: If the doors are closing but do not fully close after a field adjustable time, the doors will recycle open then attempt to close six times to try and correct the fault.
  8. Door Close Assist: When the doors have failed to fully close and are in the recycle mode, the door drive motor shall have increased torque applied to possibly overcome mechanical resistance or differential air pressure and allow the door to close.
- B. Door Protection Devices: Provide a door protection system using 150 or more microprocessor controlled infra-red light beams. The beams shall project across the car opening detecting the presence of a passenger or object. If door movement is obstructed, the doors shall immediately reopen.

## 2.7 FINISH MATERIALS

- A. General: Provide the following materials for exposed parts of elevator car enclosures, car doors, hoistway entrance doors and frames, and signal equipment as indicated:
- B. Enameled-Steel Sheet: Cold-rolled steel sheet complying with ASTM A 366/A 366M, matte finish, stretcher-leveled standard of flatness; hot-rolled steel sheet complying with ASTM A 569/A 569M may be used for door frames. Provide with factory-applied enamel finish; colors as selected by Architect.
- C. Prime-Painted Steel Sheet: Cold-rolled steel sheet, ASTM A 366/A 366M, or hot-rolled steel sheet, ASTM A 569/A 569M, with factory-applied rust-inhibitive primer.
- D. Polished Stainless-Steel: ASTM A666, Type 304, with No. 8 mirror polished finish
- E. Satin Stainless-Steel: ASTM A 666, Type 304, with No. 4, directional satin finish.
- F. Stainless-Steel Tubing: ASTM A 554, Grade MT 304.
- G. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), Alloy 6063.
- H. Plastic Laminate: High-pressure type complying with NEMA LD 3, Type GP-50 General Purpose Grade, nominal 0.050" thickness; color, texture, and pattern as selected by Architect from elevator manufacturer's standard range of products. See Finish Schedule on Drawings for Basis-of-Design finish selection.

## 2.8 CAR ENCLOSURES

- A. General: Provide steel-framed car enclosures with nonremovable wall panels, suspended ceiling, trim, accessories, access doors, doors, power door operators, sills (thresholds), lighting, and ventilation.
1. Provide standard railings complying with ASME A17.1 on car tops where required by ASME A17.1.
  2. Provide finished car including materials and finishes specified below.
- B. Materials and Finishes: Provide manufacturer's standards, but not less than the following:
1. Subfloor: Underlayment grade, exterior plywood, 5/8-inch (16-mm) nominal thickness.
  2. Floor Finish: Specified in Division 09 Section "Resilient Sheet Flooring".
  3. Stainless-Steel Wall Panels: Flush, hollow-metal construction; fabricated from stainless-steel sheet.
  4. Plastic-Laminate Wall Panels: Plastic laminate adhesively applied to 1/2-inch (13-mm) fire-retardant-treated particleboard with manufacturer's standard protective edge trim. Panels have a flame-spread index of 75 or less, when tested according to ASTM E 84. Plastic-laminate color, texture, and pattern as selected by Architect from elevator manufacturer's standard range.
  5. Fabricate car door frame integrally with front wall of car.
  6. Stainless-Steel Doors: Flush, hollow-metal construction; fabricated from stainless-steel sheet or by laminating stainless-steel sheet to exposed faces and edges of enameled cold-rolled steel doors using adhesive that fully bonds metal to metal without telegraphing or oil-canning.
  7. Sills: Extruded metal, with grooved surface, 1/4 inch (6.4 mm) thick.
  8. Satin Stainless Steel Ceiling: Flush panels with low-voltage halogen downlights in the center of each panel, concealed access door.
  9. Sight Guards: Provide sight guards on doors matching door edges.
  10. Handrails: Manufacturer's standard handrails, of shape, metal, and finish indicated.
- C. Car Top Inspection: Provide a car top inspection station with an "Auto-Inspection switch, and "emergency stop" switch, and constant pressure "up and down" direction and safety buttons to make the normal operation devices inoperative. The station will give the inspector complete control of the elevator. The car top inspection station shall be mounted in the door operator assembly.

## 2.9 HOISTWAY ENTRANCES

- A. General: Provide manufacturer's standard horizontal-sliding, door-and-frame hoistway entrances complete with track systems, hardware, sills, and accessories. Provide frame size and profile to coordinate with hoistway wall construction.

1. Where gypsum board wall construction is indicated, provide self-supporting frames with reinforced head sections.
- B. Materials and Fabrication: Provide manufacturer's standards, but not less than the following:
1. Typical door & frame finish: ASTM A366 steel panels, factory applied powder coat enamel finish.
  2. Sight Guards: Provide sight guards on doors matching door edges.
  3. Sills: Extruded metal, with grooved surface, 1/4 inch (6.4 mm) thick.
  4. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107.

#### 2.10 SIGNAL EQUIPMENT

- A. General: Provide signal equipment for each elevator with hall-call and car-call buttons that light when activated and remain lit until call has been fulfilled. Fabricate lighted elements with LEDs.
- B. Car Control Stations: Provide manufacturer's standard semirecessed car control stations. Mount in return panel adjacent to car door, unless otherwise indicated.
1. Include call buttons for each landing served and other buttons, switches, and controls required for specified car operation.
  2. Mark buttons and switches with standard identification for required use or function that complies with ASME A17.1. Use both tactile symbols and Braille.
  3. Mount controls at heights complying with ICC/ANSI A117.1.
  4. Provide "No Smoking" sign matching car control station, either integral with car control station or mounted adjacent to it, with text and graphics as required by authorities having jurisdiction.
- C. Emergency Communication System: Provide system that complies with ASME A17.1 and ICC/ANSI A117.1. On activation, system dials preprogrammed number of monitoring station and identifies elevator location to monitoring station. System provides two-way voice communication without using a handset and provides visible signals that indicate when system has been activated and when monitoring station has responded. System is contained in flush-mounted cabinet, with identification, instructions for use, and battery backup power supply. Provide required conductors in traveling cable for emergency communications system.
- D. Car Position Indicator: For elevator cars, provide illuminated digital-display type (LED) car position indicator, integrated to and located above car control station. Also provide audible signal to indicate to passengers that car is either stopping at or passing each of the floors served.
1. Include travel direction arrows if not provided in car control station.

- E. Hall Push-Button Stations: Provide one tamper-proof hall push-button station at each landing for each elevator.
  - 1. Provide units with flat faceplate for mounting with body of unit recessed in wall.
  - 2. Equip units with metallic, impact-resistant buttons and halos for calling elevator and for indicating desired direction of travel. Center jewel illuminates red.
- F. Floor Identification Pads: Provide pry-resistant, flush mounted door jamb pads at each floor. Jamb pads shall comply with ICC/ANSI A117.1 requirements.
- G. Standby-Power Elevator Selector Switches: Provide switches, as required by ASME A17.1/CSA B44, where indicated. Adjacent to switches, provide illuminated signal that indicates when normal power supply has failed. For each elevator, provide illuminated signals that indicate when they are operational and when they are at the designated emergency return level with doors open.
- H. Corridor Call Station Pictograph Signs: Provide engraved signs matching hall push-button stations, with text and graphics as required by authorities having jurisdiction, indicating that in case of fire elevators are out of service and exits should be used instead. Provide one sign at each hall push-button station, unless otherwise indicated. Provide sign proof for Owner approval prior to fabrication.

## 2.11 ELEVATORS

- A. Elevator Description:
  - 1. Elevator Number: Elevators No. EV1 and EV2, (2-car hoistway).
  - 2. Floors Served: First through Third.
  - 3. Type: Electric traction elevator, Gen3 Edge gearless machine-room less elevator where all components fit inside the hoistway with the controller in the top landing entrance frame.
  - 4. Equipment Control: Elevonic Control System.
  - 5. Drive: Regenerative.
  - 6. Elevator Stop Designations: 1,2,3.
  - 7. Stops: 3
  - 8. Openings: Front only.
  - 9. Travel: 29'-0".
  - 10. Rated Capacity: 3500 lbs.
  - 11. Rated Speed: 150 fpm.
  - 12. Car Inside Dimensions: 6'-5 9/16" W x 5'-5 9/16" D.
  - 13. Clear Hoistway Dimensions: 17'-8" total width x 6'-11" depth.
  - 14. Cab Height: 7'-9".
  - 15. Clear Cab Height: 7'-4 5/16".
  - 16. Entrance Type and Width: Single Slide – 3'-6".
  - 17. Entrance Height: 7'-0".
  - 18. Main Power Supply: 480 volts, 3 Phase, with a separate equipment grounding conductor.
  - 19. Car lighting Power Supply: 120 volts, single-phase, 15 amps, 60 Hz.
  - 20. Machine Location: Inside the hoistway at the top of the hoistway.
  - 21. Signal Fixtures: Manufacturer's standard with metal button targets.
  - 22. Seismic Requirements: Zone 2.

23. Auxiliary Operations:
  - a. Automatic dispatching of loaded car.
  - b. Nuisance call cancel.
  - c. Standby power operation.
  
24. Car Enclosures:
  - a. Front Walls (Return Panels) Satin stainless steel, No. 4 finish with integral car door frames.
  - b. Car Fixtures: Satin stainless steel, No. 4 finish.
  - c. Side and Rear Wall Panels: Plastic laminate.
  - d. Door Faces (Interior): Satin stainless steel, No. 4 finish.
  - e. Door Sills: Aluminum, mill finish.
  - f. Ceiling: Satin stainless steel, flush panels with LED lights dropped perimeter lit (LED) ceiling.
  - g. Handrails: 3/8" x 2" flat tubular bar, satin stainless steel, No. 4 finish at sides and rear of car.
  - h. Floor prepared to receive ceramic tile (specified in Division 09 Section "Tiling" and Finish Schedule; allow for 5/8" thickness for tile and thin-set mortar).
  
25. Hoistway Entrances:
  - a. Width: 3'-6".
  - b. Height: 7'-0".
  - c. Door Type: Single-speed, side opening.
  - d. Fire-Protection Rating: 1-1/2 hours.
  - e. Frames: Typical frame finish: ASTM A366 steel panels, factory applied powder coat enamel finish.
  - f. Provide 4-inch high head at door frames for 84-inch high doors.
  - g. Doors: Typical door finish: ASTM A366 steel panels, factory applied powder coat enamel finish.
  - h. Sills: Aluminum, mill finish.
  
26. Hall Fixtures: Satin stainless steel, No. 4 finish.
27. Additional Requirements:
  - a. Provide inspection certificate in each car, mounted under acrylic cover with frame made from satin stainless steel, No. 4 finish.
  - b. Provide blanket hooks and one complete set of full-height protective blankets for Elevator No. EV1 and EV2.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine elevator areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance. Verify critical dimensions and examine supporting structure and other conditions under which elevator work is to be installed.



1. For the record, prepare a written report, endorsed by Installer, listing dimensional discrepancies and conditions detrimental to performance or indicating that dimensions and conditions were found to be satisfactory.
2. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION

- A. Comply with manufacturer's written instructions.
- B. Welded Construction: Provide welded connections for installing elevator work where bolted connections are not required for subsequent removal or for normal operation, adjustment, inspection, maintenance, and replacement of worn parts. Comply with AWS standards for workmanship and for qualifications of welding operators.
- C. Sound Isolation: Mount rotating and vibrating equipment on vibration-isolating mounts to minimize vibration transmission to structure and structure-borne noise due to elevator system.
- D. Lubricate operating parts of systems, including ropes, as recommended by manufacturers.
- E. Alignment: Coordinate installation of hoistway entrances with installation of elevator guide rails for accurate alignment of entrances with car. Where possible, delay final adjustment of sills and doors until car is operable in shaft. Reduce clearances to minimum, safe, workable dimension at each landing.
- F. Leveling Tolerance: 1/8 inch (3 mm), up or down, regardless of load and travel direction.
- G. Set sills flush with finished floor surface at landing. Fill space under sill solidly with nonshrink, nonmetallic grout.

### 3.3 FIELD QUALITY CONTROL

- A. Acceptance Testing: On completion of elevator installation and before permitting use (either temporary or permanent) of elevators, perform acceptance tests as required and recommended by ASME A17.1 and by governing regulations and agencies.
- B. Advise Owner, Architect, and authorities having jurisdiction in advance of dates and times tests are to be performed on elevators.

### 3.4 MAINTENANCE SERVICE

- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service to include 12 months' full maintenance by skilled employees of elevator Installer. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper elevator operation at rated speed and capacity. Parts and supplies to be manufacturer's authorized replacement parts and supplies.
  1. Perform maintenance during regular working hours of regular working days.

3.5 PROTECTION

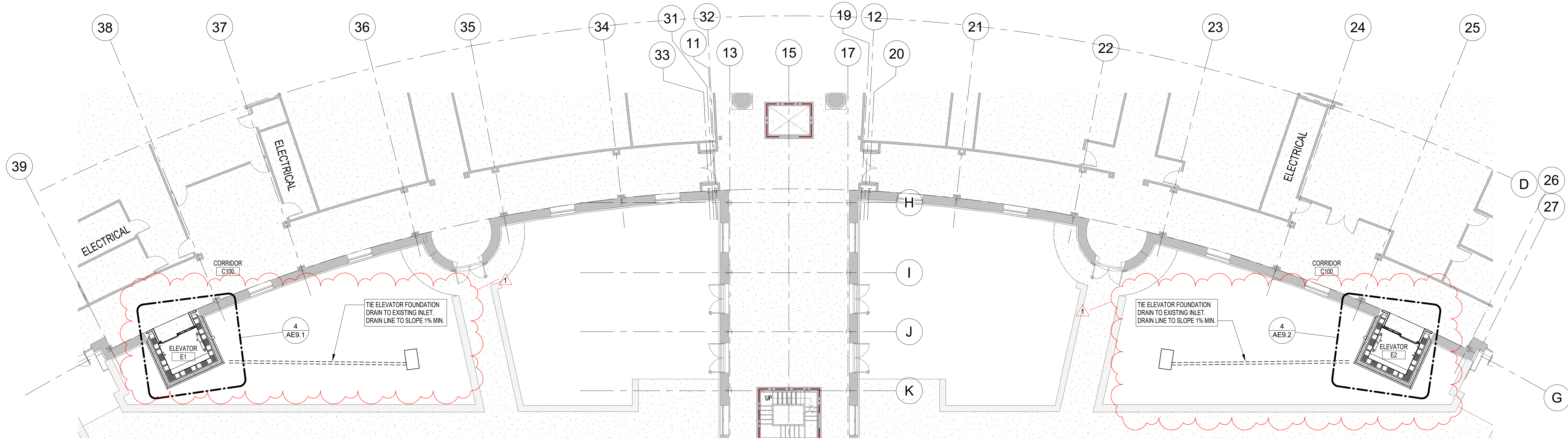
- A. Temporary Use: Comply with the following requirements for each elevator used for construction purposes:
1. Provide car with temporary enclosure, either within finished car or in place of finished car, to protect finishes from damage.
  2. Provide strippable protective film on entrance and car doors and frames.
  3. Provide padded wood bumpers on entrance door frames covering jambs and frame faces.
  4. Provide other protective coverings, barriers, devices, signs, and procedures as needed to protect elevator and elevator equipment.
  5. Do not load elevators beyond their rated weight capacity.

3.6 DEMONSTRATION

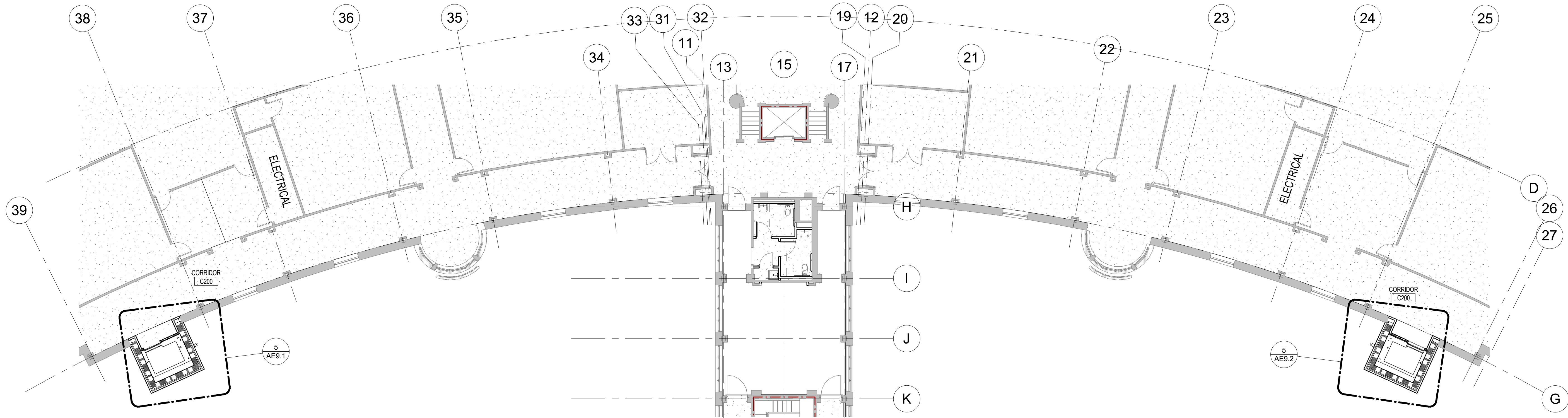
- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to operate elevator(s). Refer to Division 01 Section "Demonstration and Training." Instruct Owner's personnel in proper use, operations, and daily maintenance of elevators. Review emergency provisions, including emergency access and procedures to be followed at time of failure in operation and other building emergencies.
- B. Check operation of each elevator with Owner's personnel present and before date of Substantial Completion. Determine that operation systems and devices are functioning properly.

END OF SECTION 142100

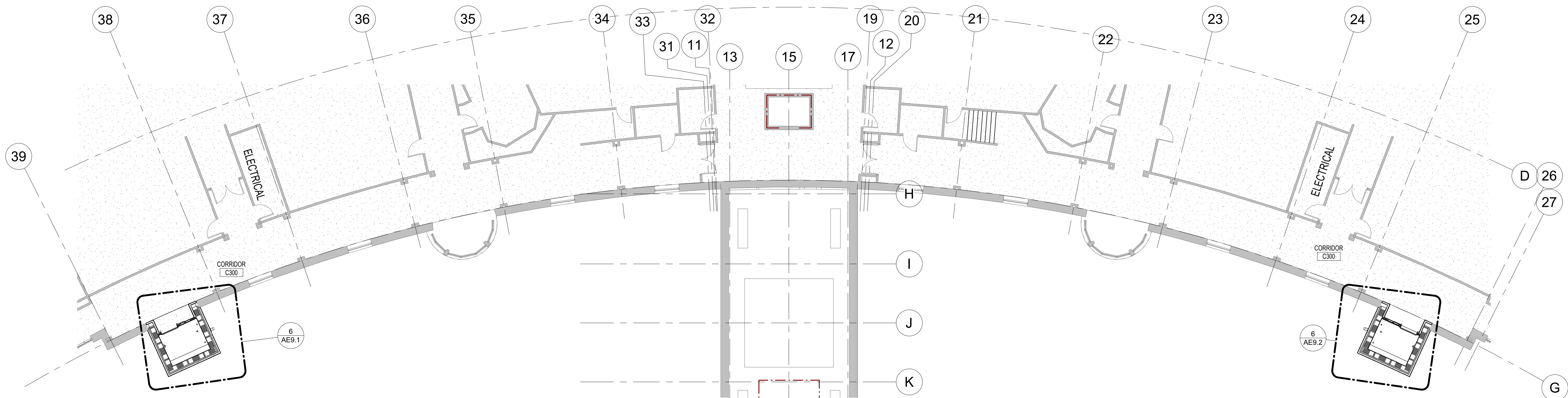
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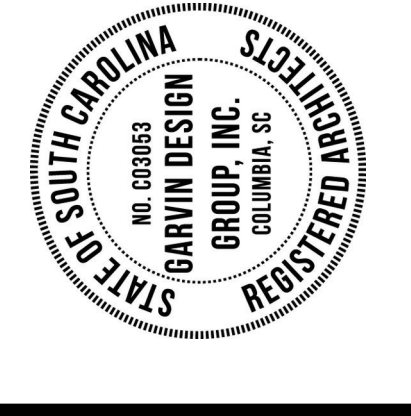
1 FIRST FLOOR PLAN  
 AE1.0 3/32" = 1'-0" REFERENCED AS:1  
 OK



2 SECOND FLOOR PLAN  
 AE1.0 3/32" = 1'-0" REFERENCED AS:1  
 OK



3 THIRD FLOOR PLAN  
 AE1.0 3/32" = 1'-0" REFERENCED AS:1  
 OK



**PROJECT TITLE**  
 WALL BUILDING CONFERENCE  
 CENTER RENOVATION  
 COASTAL CAROLINA UNIVERSITY  
 CONWAY, SOUTH CAROLINA  
 STATE PROJECT NO. H17-N141-CB

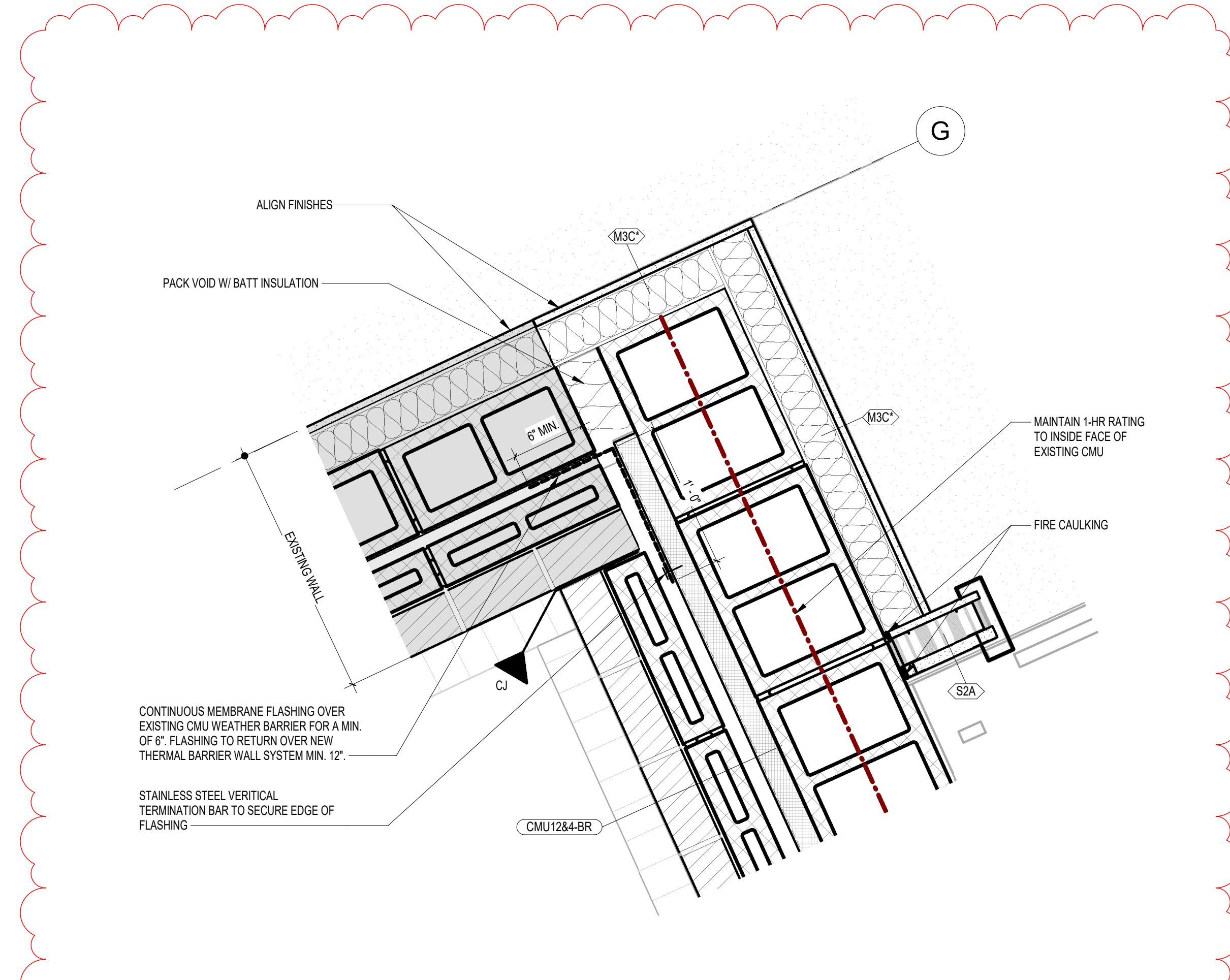
NO.	REVISIONS	NAME	DATE
1	ADDENDUM #1		01/12/2024

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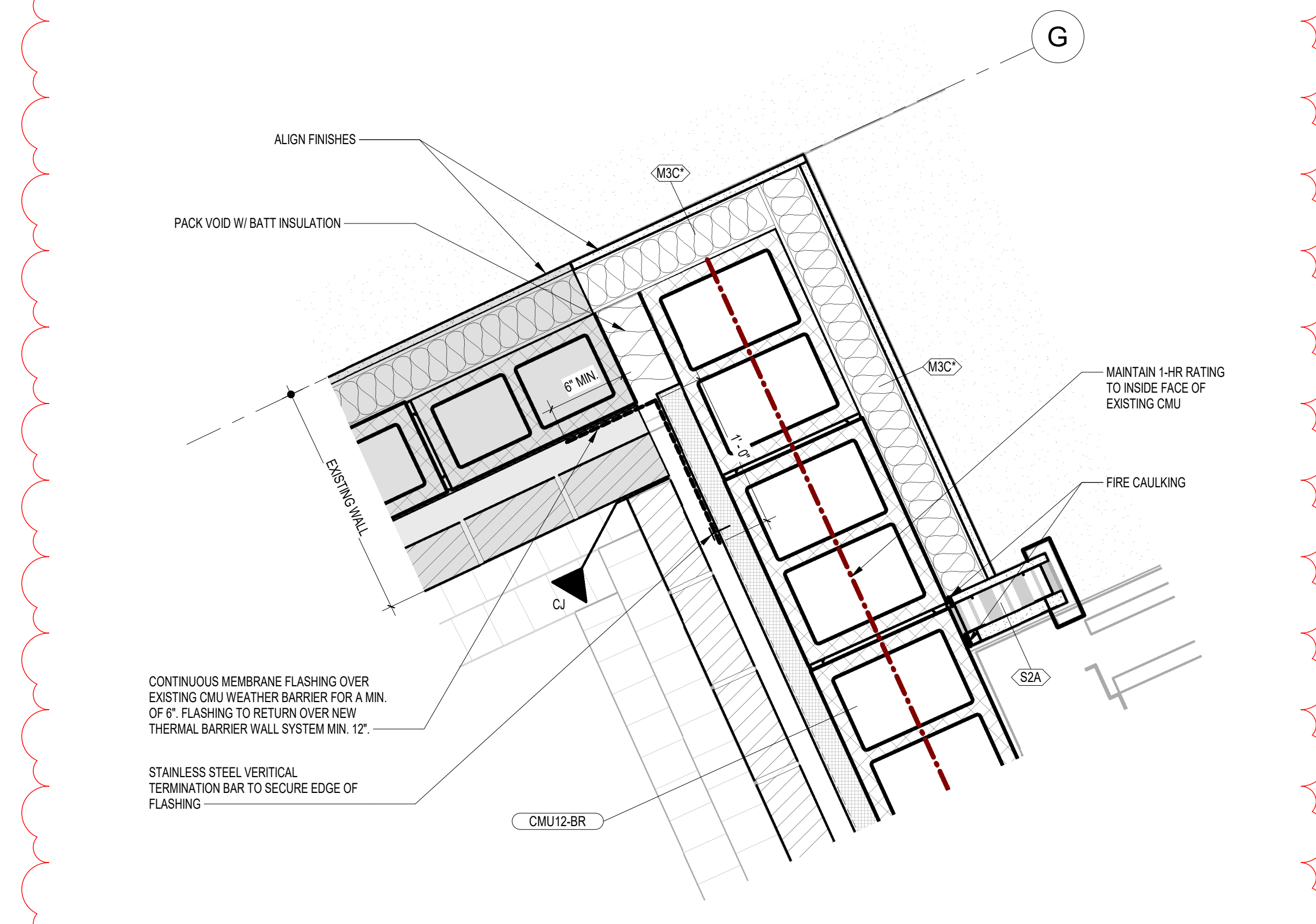
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**DRAWING TITLE**  
 FLOOR PLANS

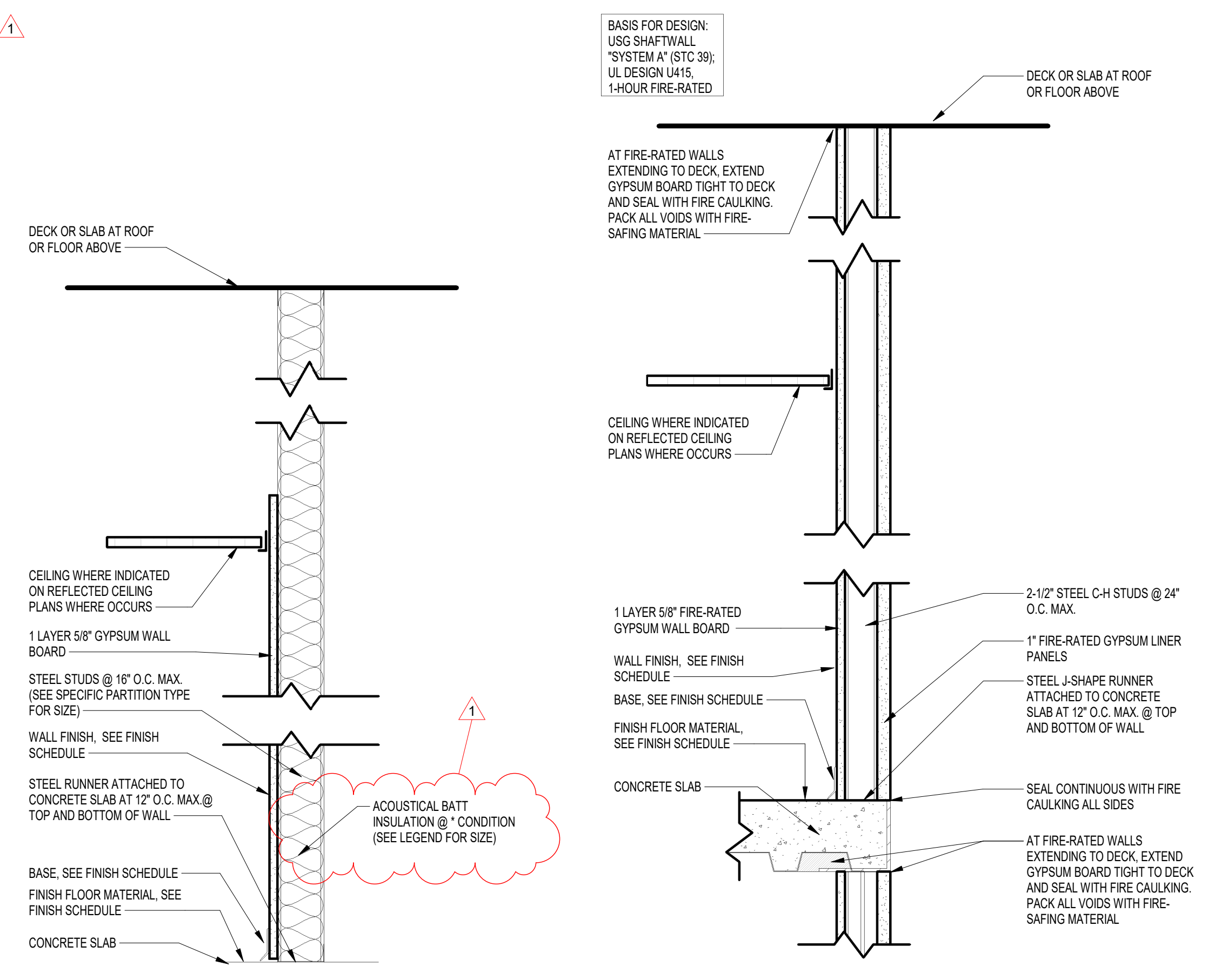
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**DATE** 12/14/2023  
**DRAWING NO.** AE1.0



**6 1ST FLOOR PLAN DETAIL**  
 AE3.1 1/12" = 1'-0"  
 REFERENCED: AE3.1  
 OK



**7 2ND & 3RD FLOOR PLAN DETAIL**  
 AE3.1 1/12" = 1'-0"  
 REFERENCED: AE3.1  
 OK



**1 MHC - ELEVATOR**  
 AE3.1 1/12" = 1'-0"  
 REFERENCED: OK

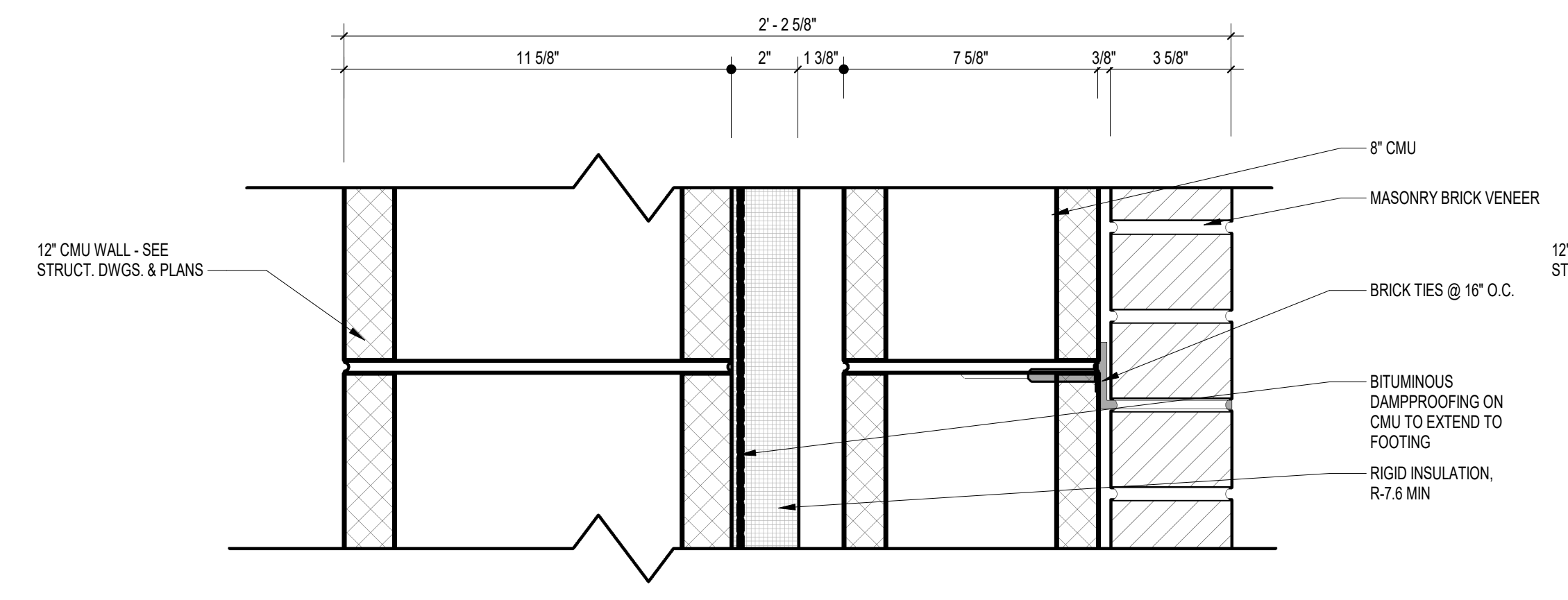
**2 S2A**  
 AE3.1 1/12" = 1'-0"  
 REFERENCED: OK

**LEGEND - PARTITION TYPES**

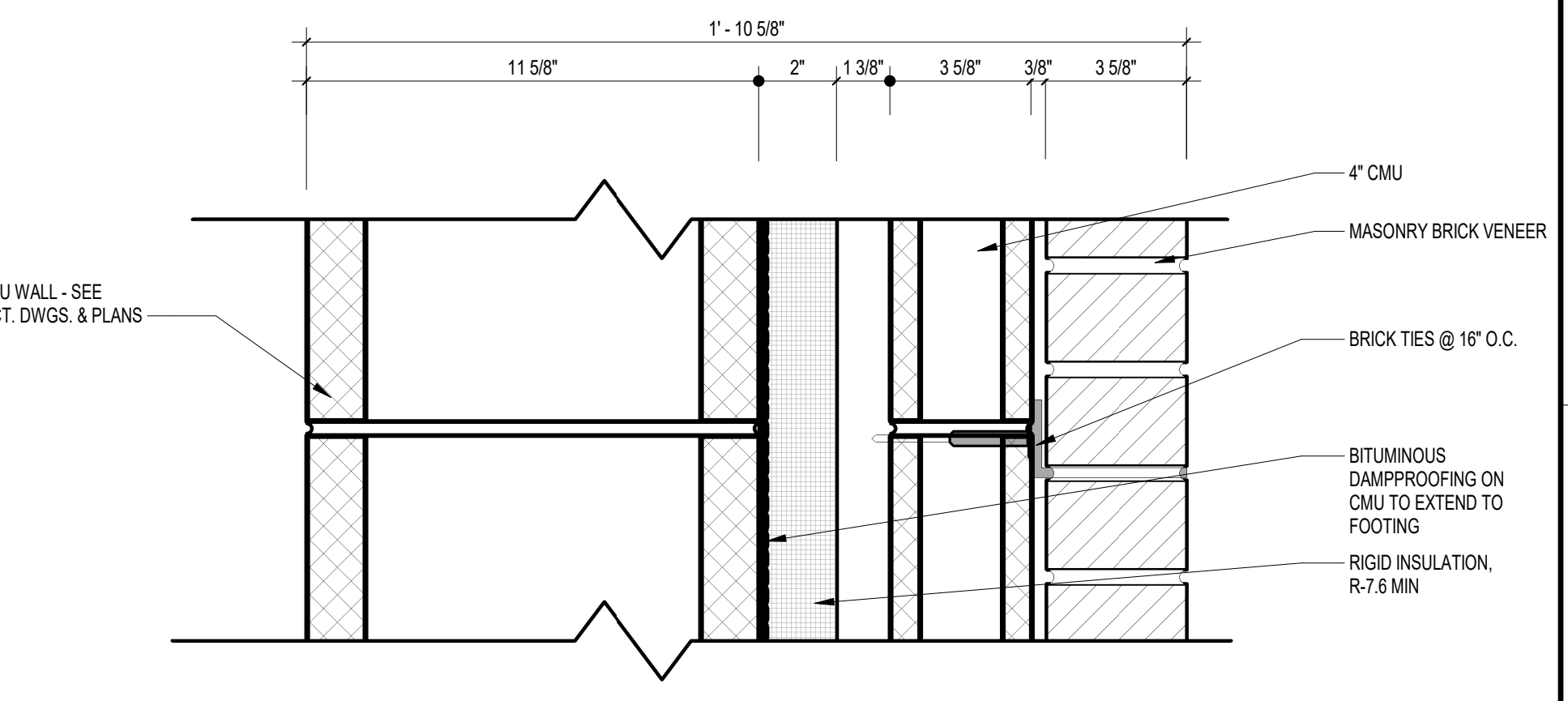
MATERIAL	FINISH
SEE CHART BELOW	SEE PARTITION SECTION
SIZE	INSULATION DESIGNATION
SEE CHART BELOW	

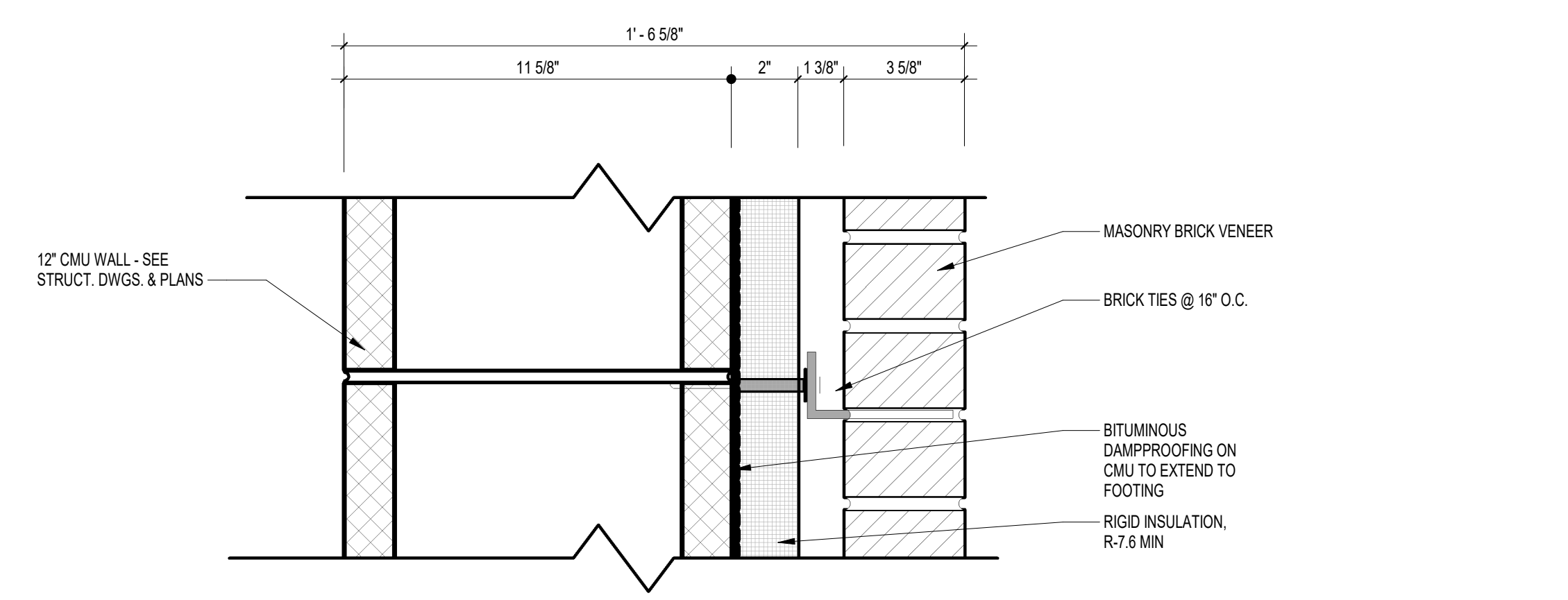
M1	1-1/2" METAL STUD
M2	2-1/2" METAL STUD
M3	3-5/8" METAL STUD
M4	4" METAL STUD
M5	6" METAL STUD
M6	8" METAL STUD
M7	8" METAL STUD
M8	8" METAL STUD
W2	2X2" WOOD STUD
W4	2X4" WOOD STUD
W6	2X6" WOOD STUD
W8	2X8" WOOD STUD
C4	4" CMU (3-5/8" NOM.)
C8	8" CMU (7-5/8" NOM.)
C12	12" CMU (11-5/8" NOM.)
S2	2" C-H STUD (SHAFT WALL)



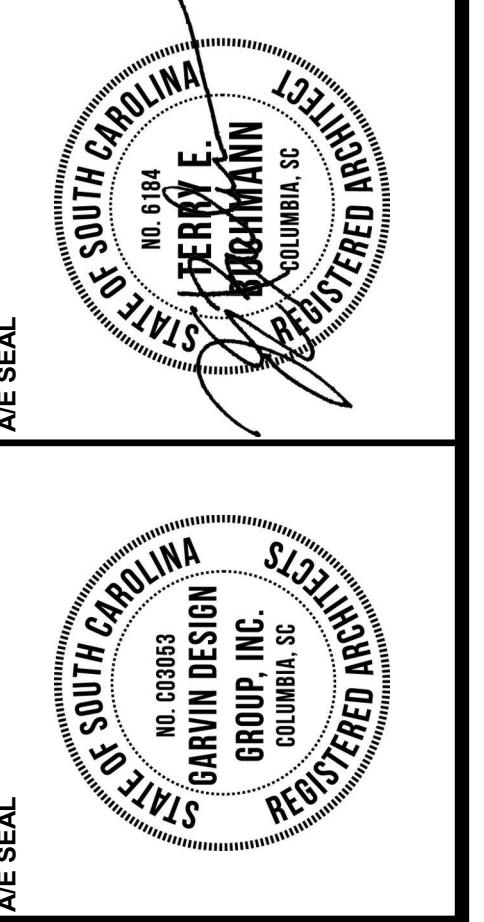
**3 CMU12&8BR - 2'-3"**  
 AE3.1 3" = 1'-0"  
 REFERENCED: OK



**4 CMU12&4BR - 1'-10"**  
 AE3.1 3" = 1'-0"  
 REFERENCED: OK



**5 CMU12BR - 1'-7"**  
 AE3.1 3" = 1'-0"  
 REFERENCED: OK



**PROJECT TITLE**  
**WALL BUILDING CONFERENCE CENTER RENOVATION**  
 COASTAL CAROLINA UNIVERSITY  
 CONWAY, SOUTH CAROLINA  
 STATE PROJECT NO. H17-N141-CB

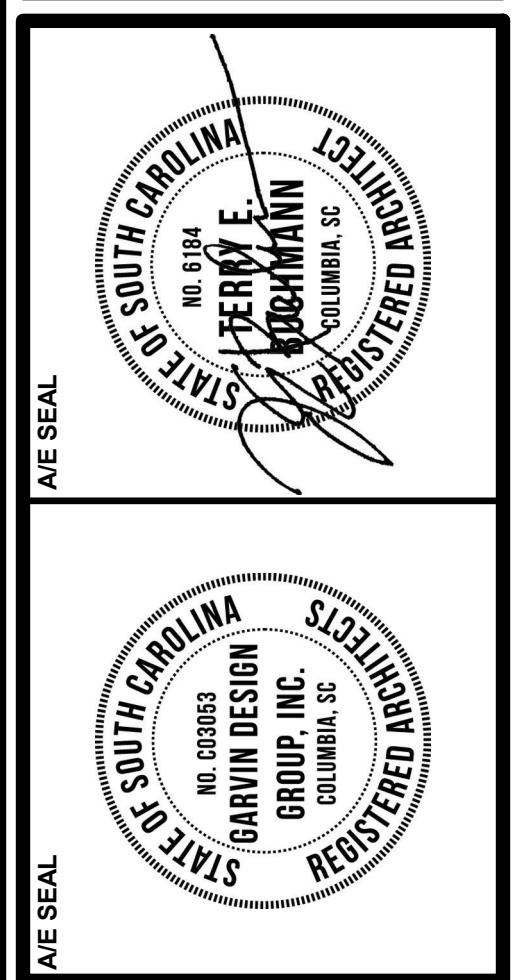
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**DRAWING TITLE**  
**INTERIOR & EXTERIOR PARTITION TYPES**

**PROJECT NO.** C970-22  
**DATE** 12/14/2023  
**DRAWING NO.** AE3.1

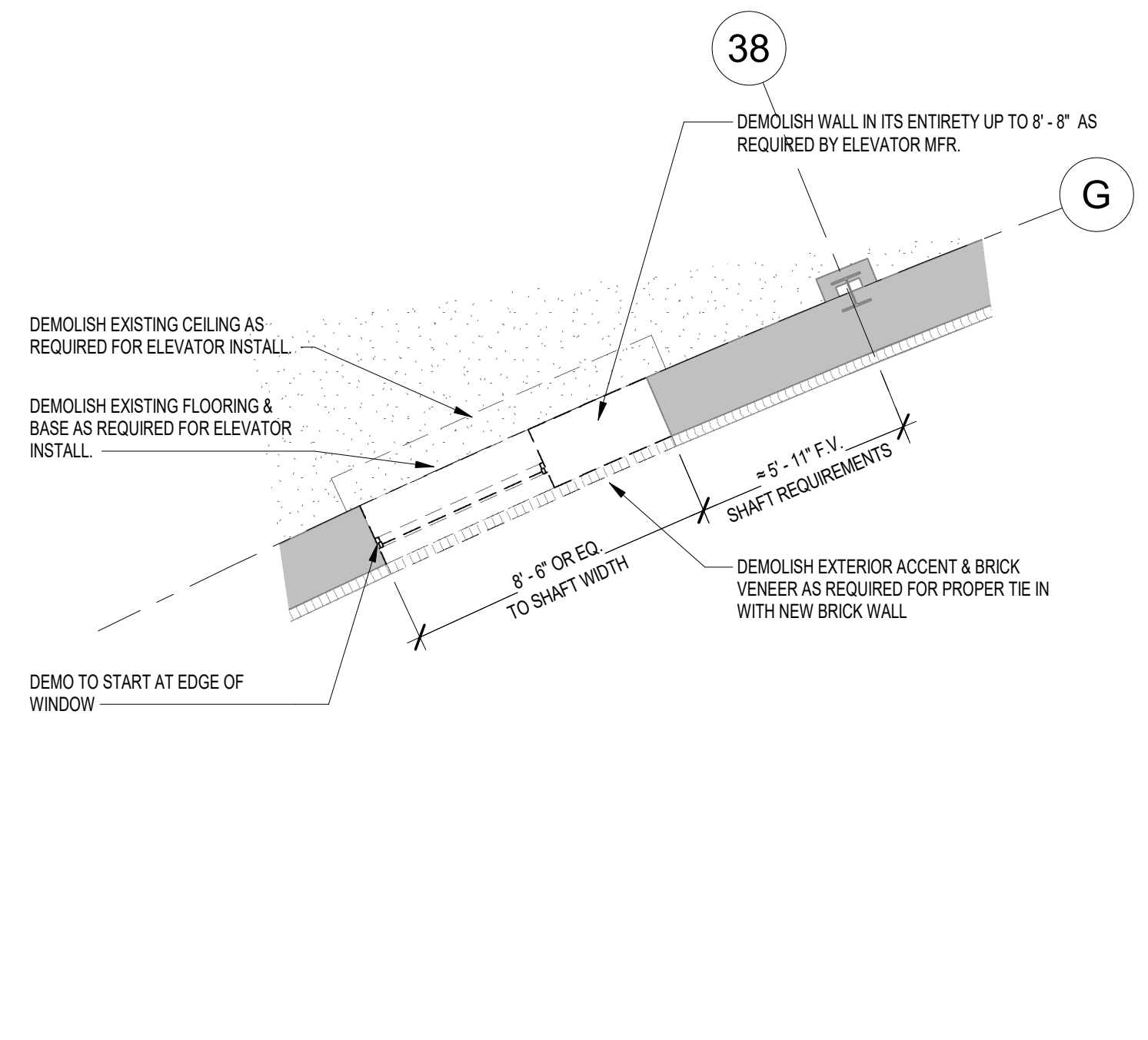


**WALL BUILDING CONFERENCE CENTER RENOVATION**  
 COASTAL CAROLINA UNIVERSITY  
 CONWAY, SOUTH CAROLINA  
 STATE PROJECT NO. H17-N141-CB

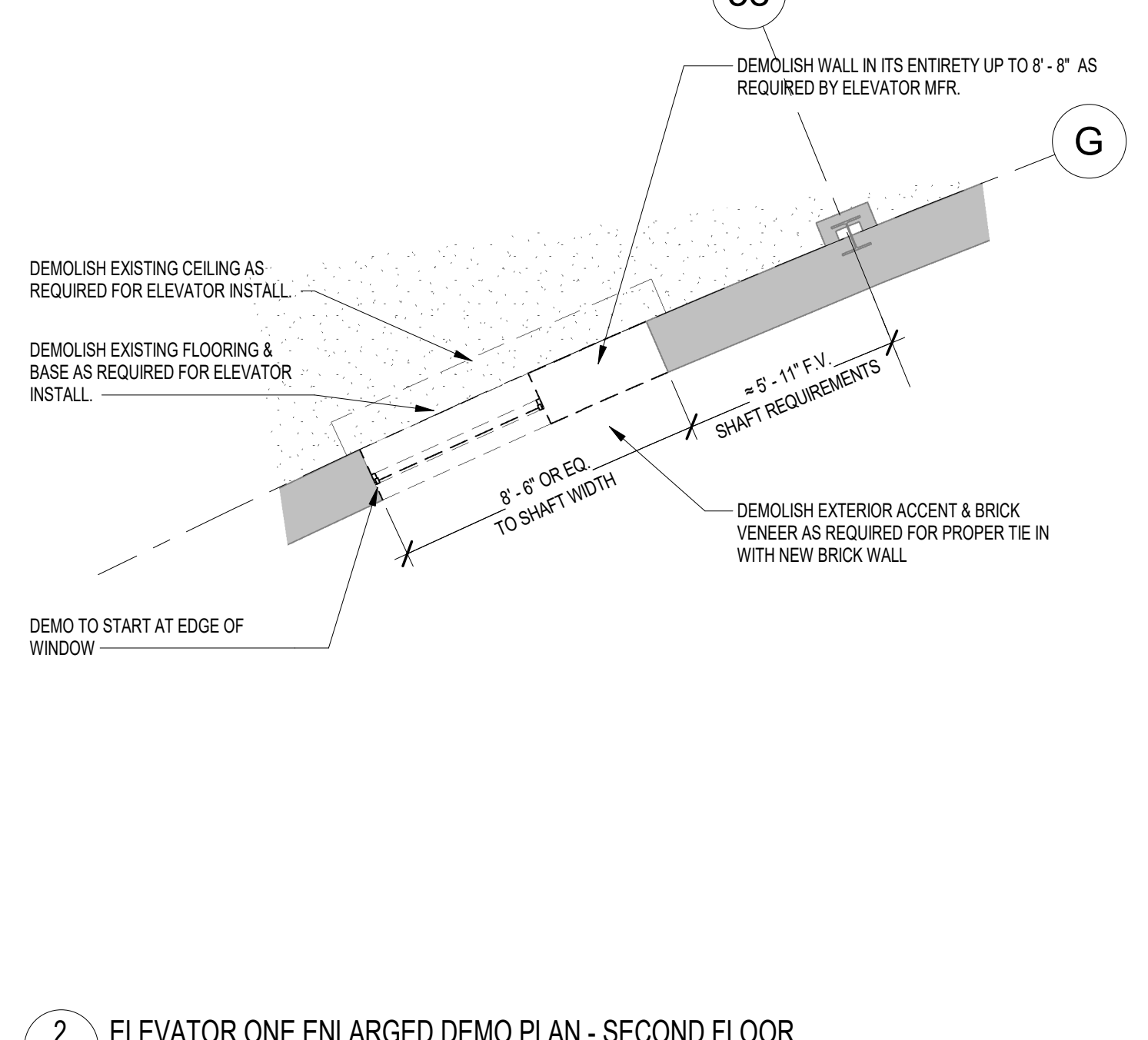
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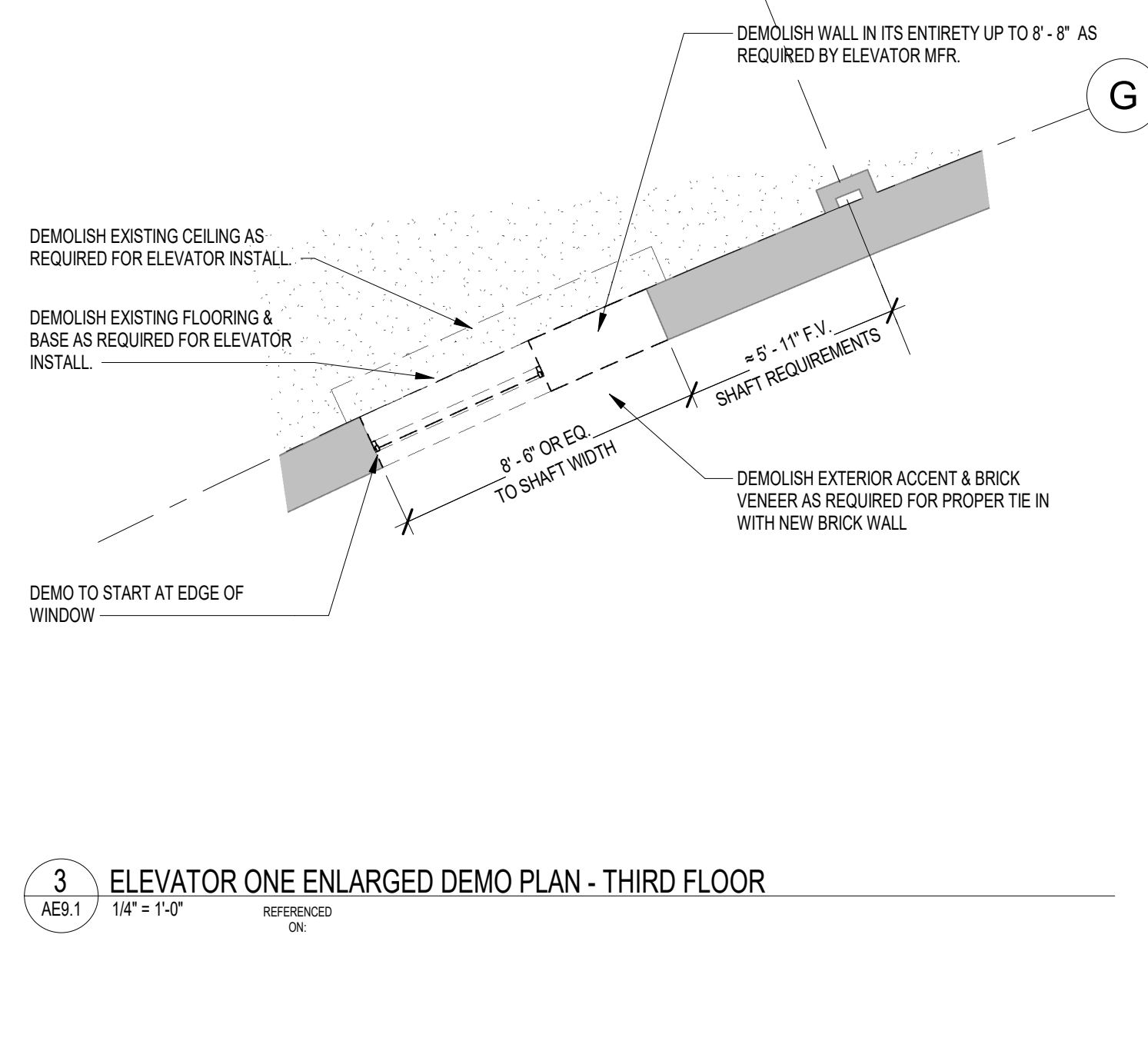
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**DATE:** 12/14/2023  
**DRAWING NO.:** AE9.1



**1 ELEVATOR ONE ENLARGED DEMO PLAN - FIRST FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON



**2 ELEVATOR ONE ENLARGED DEMO PLAN - SECOND FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON

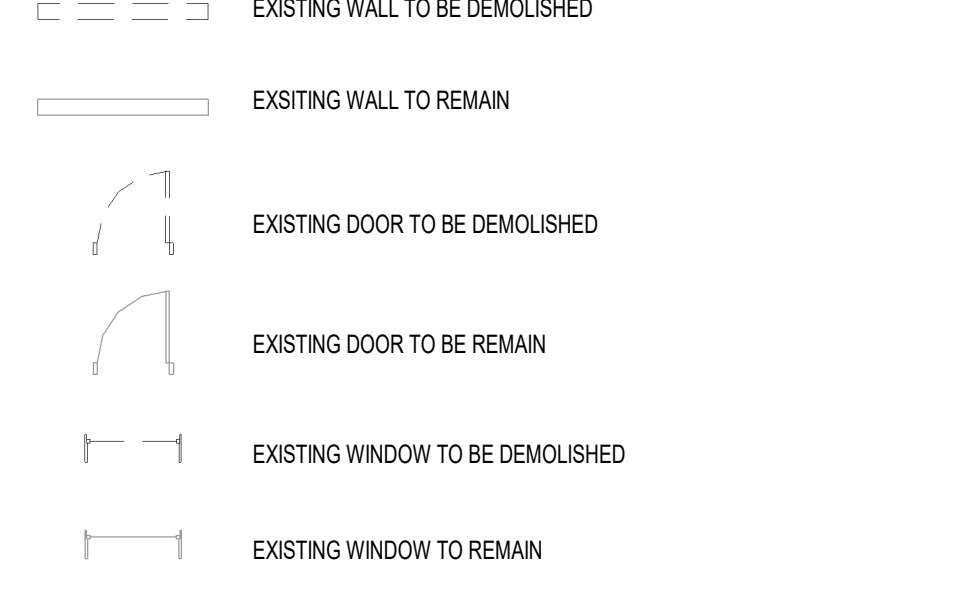


**3 ELEVATOR ONE ENLARGED DEMO PLAN - THIRD FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON

**GENERAL NOTES - DEMOLITION PLAN**

- GENERAL CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK. NOTIFY OWNER & ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO START OF DEMOLITION.
- CONFORM TO ALL APPLICABLE CODES FOR DEMOLITION OF ITEMS TO BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL DISPOSAL OR RECYCLING PROCESSES FOR DEMOLISHED MATERIALS/EQUIPMENT REQUIRED BY CODE.
- PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. CONTRACTORS SHALL BEAR ALL COSTS FOR REPAIRING, REPLACING, REFINISHING ITEMS OF EXISTING ITEMS DAMAGED.
- PROVIDE, ERECT AND MAINTAIN TEMPORARY PARTITIONS, BARRIERS, GUARD RAILS AND OTHER SAFETY ITEMS AS REQUIRED BY REGULATORY AGENCIES, AS REQUIRED TO PROTECT OCCUPANTS OR AS NECESSARY TO PROTECT MATERIALS, SURFACES AND FINISHES.
- DEMOLITION DRAWINGS MAY NOT INDICATE ALL ITEMS TO BE REMOVED. COORDINATE DEMOLITION OF ROOFS, WALLS, FLOORS, SLABS, EQUIPMENT, ETC. WITH OTHER DISCIPLINES.
- WHEN CUTTING INTO EXISTING WALLS, SLAB AND ROOF, CONTRACTOR SHALL TAKE EXTREME CARE AND CAUTION TO AVOID DAMAGING THE STRUCTURAL INTEGRITY OF THESE AREAS. CONTRACTOR SHALL DOCUMENT ALL WALL, ROOF CUTS AND SLAB CUTS WHERE REINFORCING MEMBERS ARE CUT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, RESTORING, AND MAINTAINING STRUCTURAL PERFORMANCE WHERE THE STRUCTURAL SYSTEM HAS BEEN COMPROMISED.
- CONTRACTOR SHALL VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON DRAWINGS) THAT ARE TO REMAIN PRIOR TO DEMOLITION. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION). WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
- WHERE SURFACE MOUNTED ITEMS ARE REMOVED FROM WALLS OR SLABS (I.E. SIGNAGE, RACEWAYS, EQUIPMENT, FIXTURES, & ETC.) - PATCH/REPAIR SURFACES AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
- ITEMS OR MATERIALS NOT INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED ARE TO REMAIN THE OWNER'S PROPERTY. DEMOLISHED MATERIALS SHALL BE REMOVED FROM SITE WITH FURTHER DISPOSAL AT THE CONTRACTOR'S OPTION.
- ALL KNOWN HAZARDOUS MATERIALS WITHIN THE BUILDING WILL BE IDENTIFIED IN A REPORT AND MADE AVAILABLE TO THE CONTRACTOR. CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE ANY REQUIRED ABATEMENT PROCEDURES PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK.
- DEMOLITION PLANS INDICATE MATERIALS & ELEMENTS OF DEMOLITION WITH DASHED LINES. NOTES USED ARE TYPICAL BY SHEET.

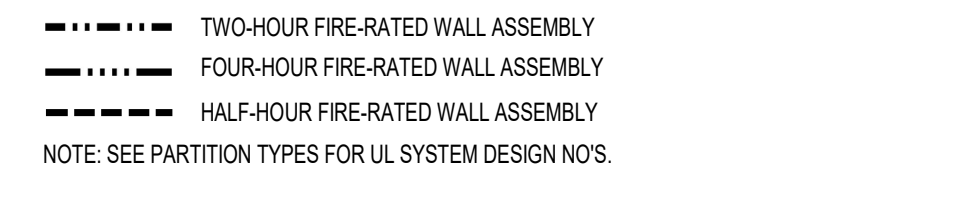
**LEGEND - DEMOLITION PLAN**



**GENERAL NOTES - FLOOR PLAN**

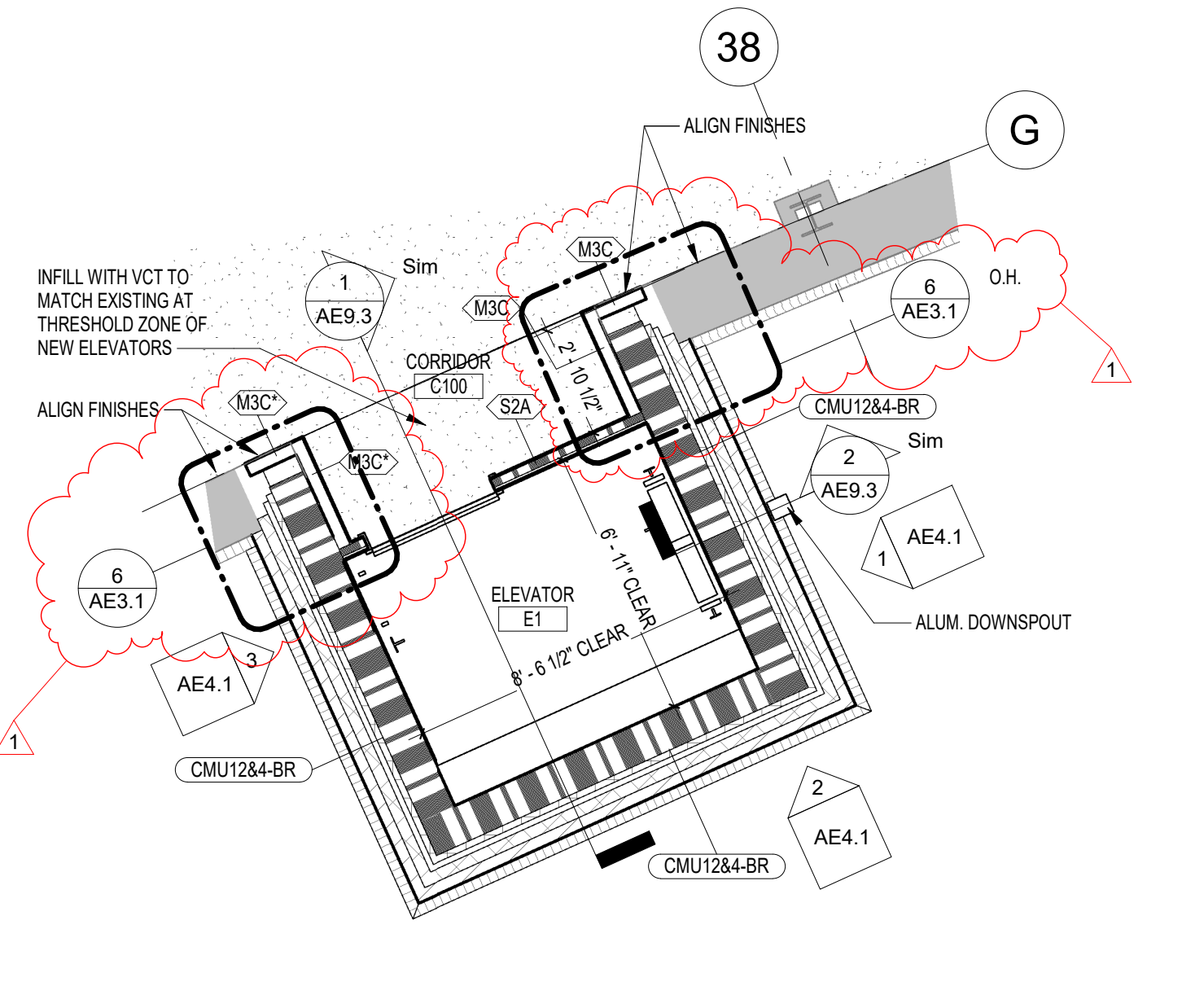
- SEE SHEET G1.2 FOR MINIMUM REQUIRED ADA/ANSI A117.1 MANEUVERING CLEARANCES AND ACCESSIBILITY REQUIREMENTS. ACCESSIBLE DOOR MANEUVERING CLEARANCES APPLY TO ALL DOORS, U.I.O., AND ACCESSIBLE ROUTES MUST MAINTAIN COMPLIANCE WITH ADA/ANSI FLOOR SURFACES & CHANGES IN LEVEL LIMITS SHOWN ON A.S.D.
- SEE CODE REVIEW SHEET(S) FOR REQUIRED UL ASSEMBLIES OF ALL BUILDING SYSTEMS. ALL PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES MUST COMPLY WITH UL DESIGN FOR PENETRATIONS.
- DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER, FACE OF STUD, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (S.E., M.E., P.E., AND E.S.) AND ACTUAL PRODUCTS TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- SEE FINISH SCHEDULES AND PLANS FOR FLOOR PATTERNS AND FLOOR FINISH REFERENCES.
- EXTERIOR MASONRY OPENINGS TO RECEIVE STOREFRONT, CURTAIN WALL, DOORS, WINDOWS, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM.
- INTERIOR METAL STUD OPENINGS TO RECEIVE STOREFRONT, DOORS, GRILLES, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM. LOCATION OF ALL RECESSED CABINETS AND EQUIPMENT WALL PENETRATIONS MUST BE VERIFIED PRIOR TO INSTALLATION OF CMU WALLS TO ENSURE INDICATED LOCATION AND EVEN COLORING. ANY CONFLICTS WITH INDICATED DIMENSIONS OR LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTACT OWNER AND ARCHITECT UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.
- DIMENSIONS FROM DOOR JAMB FRAME OPENING TO CLOSEST WALL FINISH IS 5", U.I.O. SEE DIAGRAM BELOW.

**LEGEND - FLOOR PLAN**

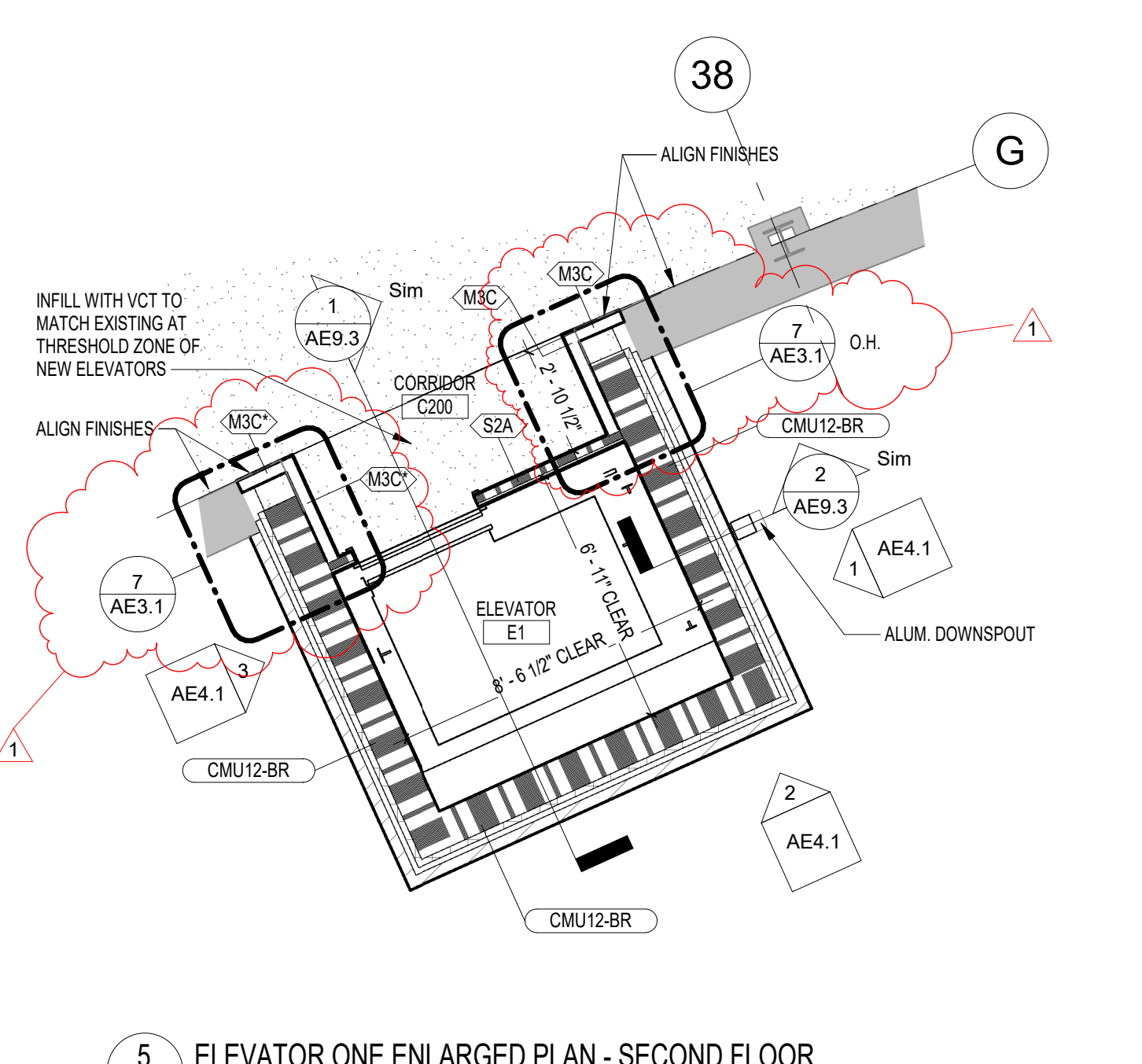


**SCHEDULE INTERIOR FINISHES ELEVATOR**

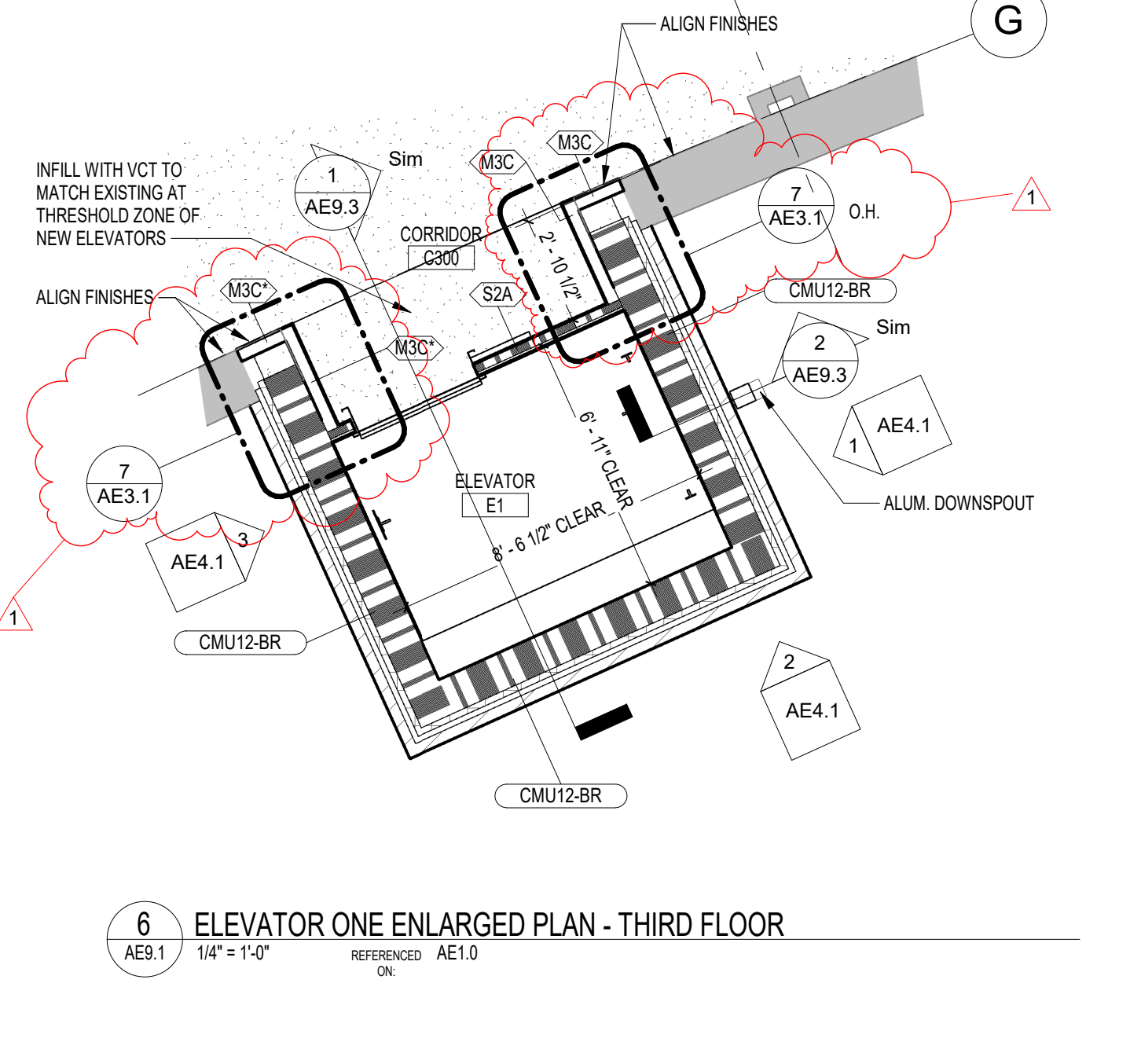
ABBREVIATION	DESCRIPTION	BASIS OF DESIGN
<b>BASE &amp; ACCESSORIES</b>		
WDB	WOOD BASE	MATCH EXISTING
<b>FLOOR FINISHES</b>		
VCT-1	VINYL COMPOSITION TILE - CORRIDOR	TARKETT VCT II. COLOR: SOLID BLACK
<b>CEILINGS</b>		
GBP-2	GYPSUM WALL BOARD - PAINTED	SEE P.2 ABOVE
<b>PAINTCOATINGS</b>		
P.1	PAINT-GENERAL WALL COLOR	LOW-GREEN, EGGSHELL TO MATCH SURROUNDING WALLS
P.2	PAINT-CEILING	FLAT-TO MATCH EXISTING PAINTED CEILING
P.3	PAINT-TRIM	SEMI-GLOSS, COLOR TO MATCH EXISTING TRIM



**4 ELEVATOR ONE ENLARGED PLAN - FIRST FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON AE1.0



**5 ELEVATOR ONE ENLARGED PLAN - SECOND FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON AE1.0



**6 ELEVATOR ONE ENLARGED PLAN - THIRD FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON AE1.0

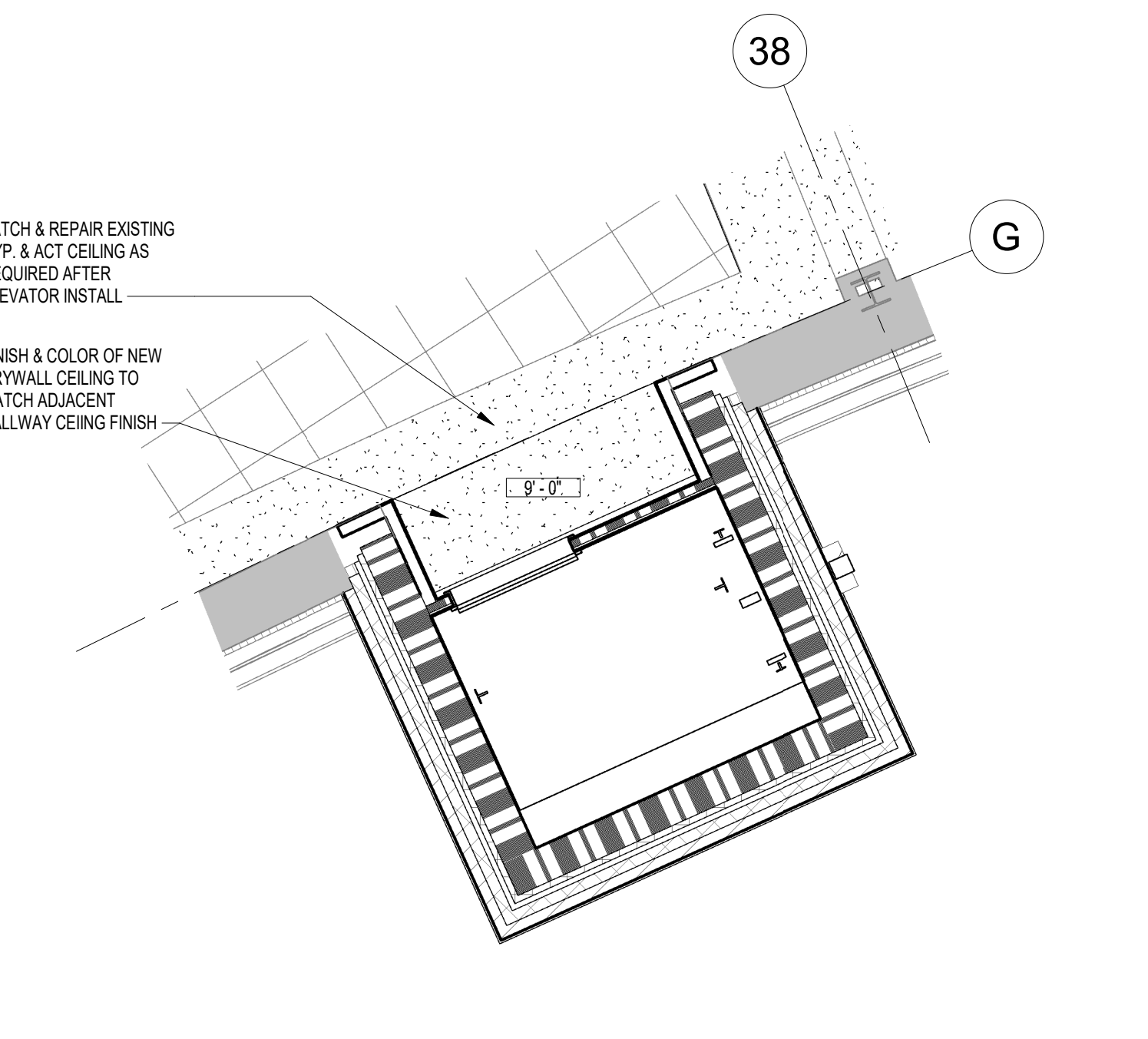
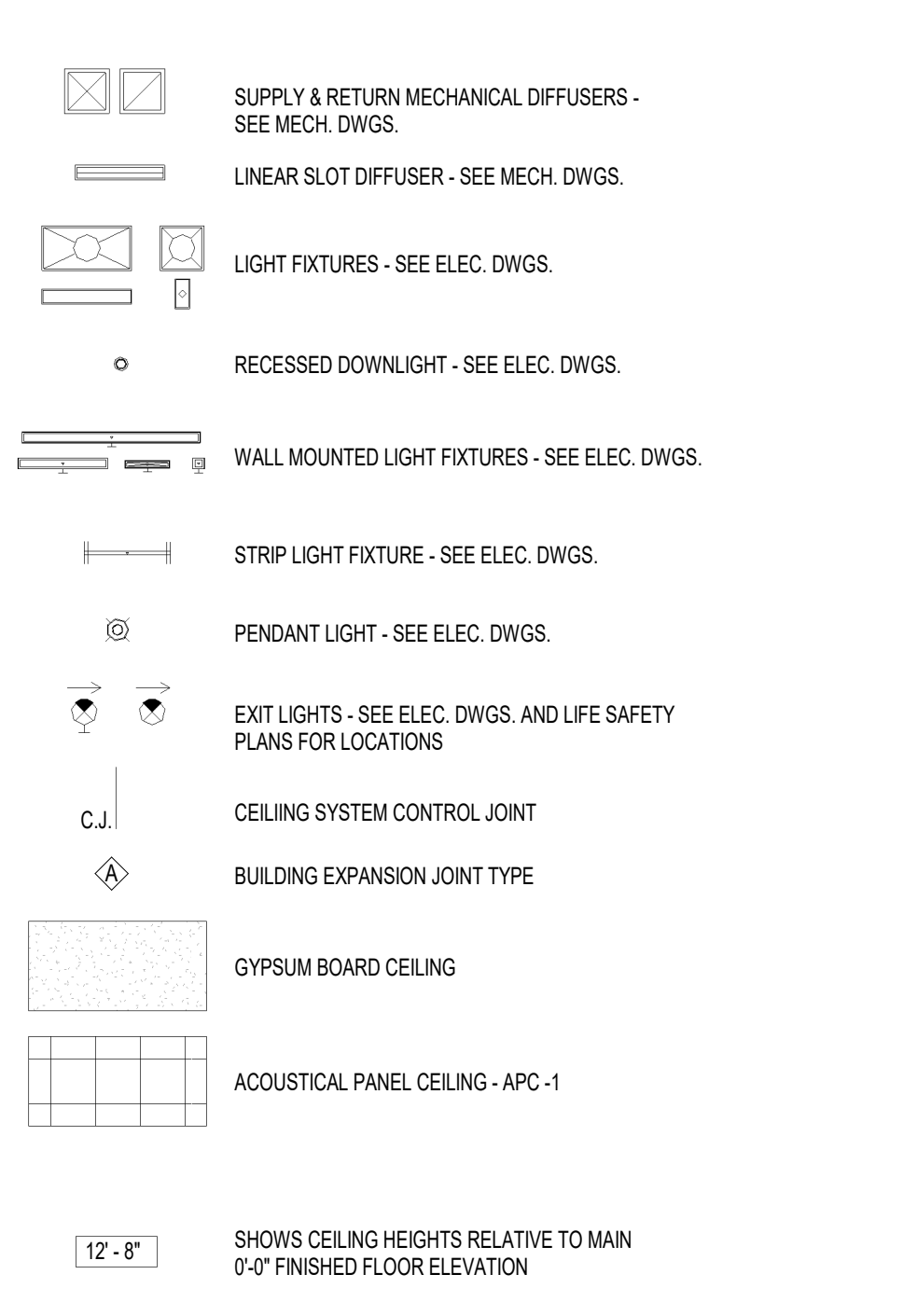
**GENERAL NOTES - INTERIOR FINISHES ELEVATOR**

- WHERE SPECIFIC PRODUCTS ARE INDICATED, ITEM DESIGNATION INCORPORATES QUALITY AND AESTHETIC APPEARANCE FOR BASIS OF DESIGN. SEE SPECIFICATIONS FOR EQUAL MANUFACTURERS PER PRODUCT TYPE INDICATED. DEPENDING ON LOCATION OF ITEM, ALTERNATES SHALL MATCH IN COLOR/TEXTURE, AS WELL AS PERFORMANCE CRITERIA, PER ARCHITECT'S APPROVAL.
- ALL PAINT COLOR SELECTIONS SHALL MATCH EXISTING CONDITIONS. FIELD VERIFY WITH ARCHITECT IN LIGHTED CONDITIONS PRIOR TO FINAL INSTALLATION.
- REFERENCE REFLECTED CEILING PLANS FOR EXTENT/LOCATION OF CEILING FINISH DESIGNATIONS AND HEIGHTS. DESIGN INTENT TO REPRODUCE EXISTING CEILING CONDITIONS AFTER RENOVATION SO SAVE AND PROTECT CEILING TILES AS NECESSARY FOR REUSE.
- ELEVATOR TO RECEIVE PLASTIC LAMINATE PANELS. ARCHITECT TO SELECT FROM MANUFACTURERS STANDARDS.

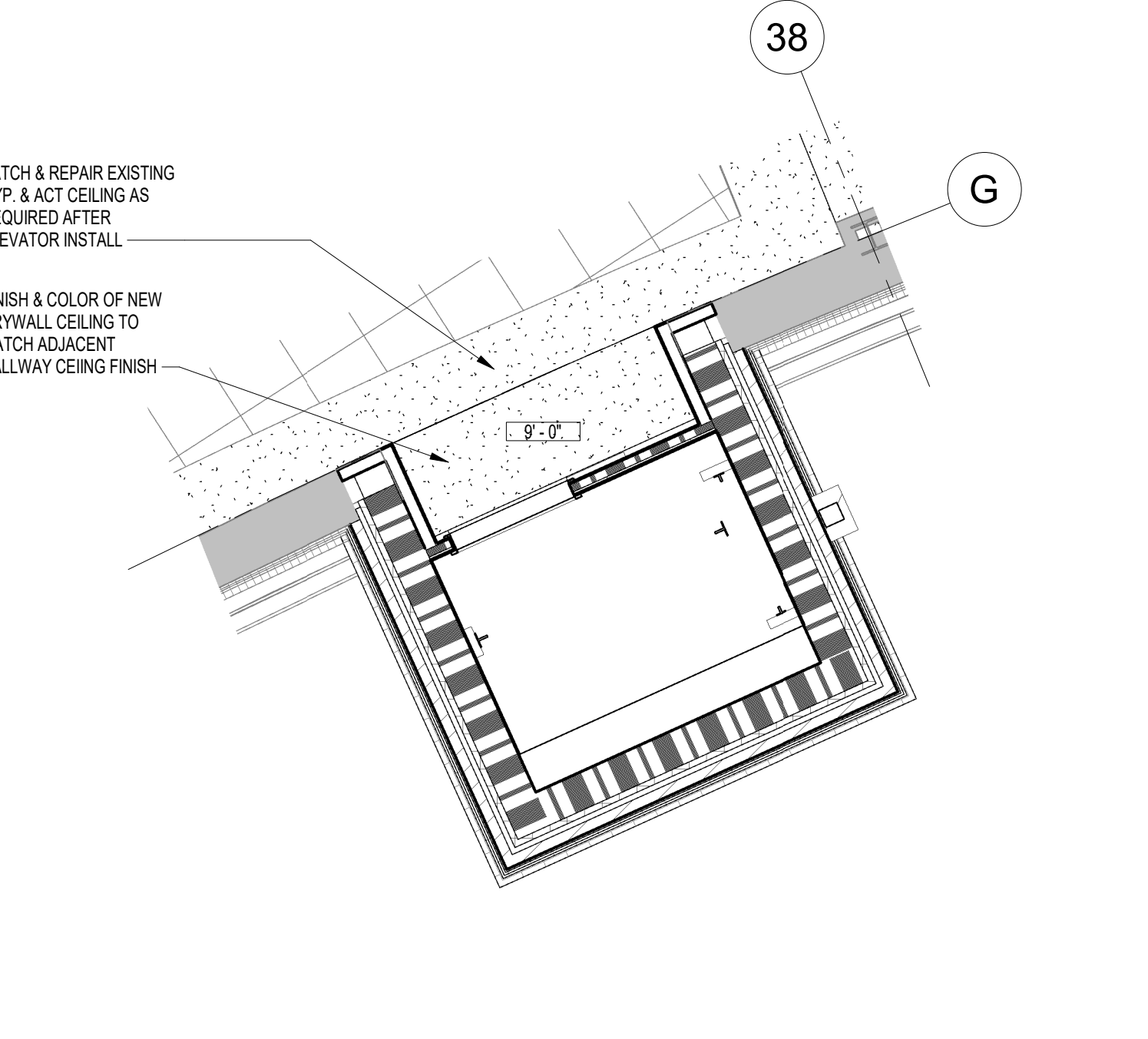
**GENERAL NOTES - REFLECTED CEILING PLAN**

- REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND SPECIFIC LIGHT FIXTURE DESIGNATIONS AND FOR FULL EXTENT OF ELECTRICAL CEILING AND WALL MOUNTED DEVICES.
- ALL SUSPENDED ACOUSTICAL GRIDS ARE TO BE CENTERED IN CEILING ROOM AS SHOWN, UNLESS NOTED OTHERWISE.
- CEILING MOUNTED EQUIPMENT, DEVICES, FIXTURES & GRILLES MUST BE COORDINATED ON REFLECTED CEILING PLANS. CEILING MOUNTED SPRINKLERS TO BE LOCATED IN CENTER OF CEILING TILE MARK CELINGS AND ALIGN WITH DOWNLIGHTS IN GYPSUM CEILINGS AND SOFFITS.
- SEE FP DRAWINGS FOR FIRE PROTECTION SYSTEM LAYOUT. COORDINATE ROUTING OF PIPING W/ ARCHITECTURAL DWGS AND DETAILS AS WELL AS ALL OTHER SYSTEM DRAWINGS (S.E., M.E., P.E., E.S.). SUBMIT LAYOUT/COORDINATION DRAWING FOR REVIEW & APPROVAL PRIOR TO INSTALLATION.
- PAINT ALL EXPOSED STRUCTURE/CEILING AREAS, INCLUDING ROOF DECK, STEEL STRUCTURE, DUCTWORK, PLUMBING LINES, FIRE SUPPRESSION LINES, ELEC. CONDUITS & BOXES AND OTHER NON-FINISHED ITEMS, EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOM, ELEVATOR MACHINE ROOMS, AND TEL. DATA/COMM ROOMS, UNLESS NOTED OTHERWISE ON RCPs, FINISH SCHEDULES AND INTERIOR ELEVATIONS.
- ACCESS PANELS BY GENERAL CONTRACTOR QUANTITY OF ACCESS PANELS SHOWN ON ARCHITECTURAL DRAWINGS NOT INTENDED TO BE ALL INCLUSIVE. SEE MECHANICAL, DRAWINGS, PLUMBING DRAWINGS, ELECTRICAL DRAWINGS, AND FIRE PROTECTION SHOP DRAWINGS FOR ADDITIONAL REQUIRED ACCESS PANELS. NOT SHOWN, COORDINATE EXACT LOCATION OF ACCESS PANELS WITH ARCHITECT. BRING ALL MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WHICH REQUIRE ACCESS TO THE NEAREST ACCESSIBLE CEILING OR ACCESS PANEL LOCATION. SHOW THE NEED FOR ADDITIONAL ACCESS PANELS TO THE ARCHITECT'S ATTENTION AS SOON AS POSSIBLE AND BEFORE PROCEEDING.
- PAINT ALL EXPOSED STEEL LINTELS, ANGLES AND PLATES, AND BEAMS UNLESS NOTED OTHERWISE.

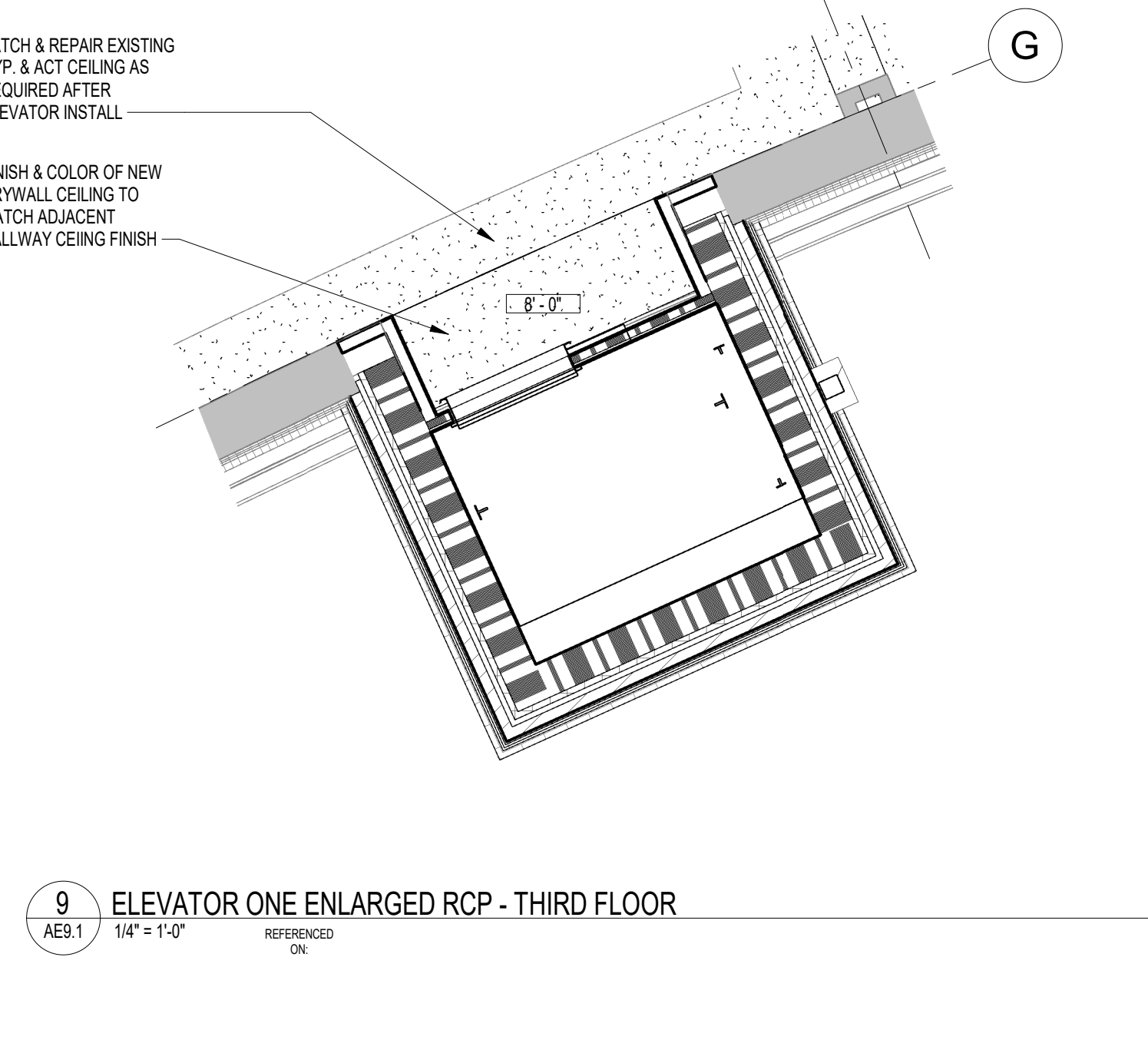
**LEGEND - REFLECTED CEILING PLAN**



**7 ELEVATOR ONE ENLARGED RCP - FIRST FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON



**8 ELEVATOR ONE ENLARGED RCP - SECOND FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON

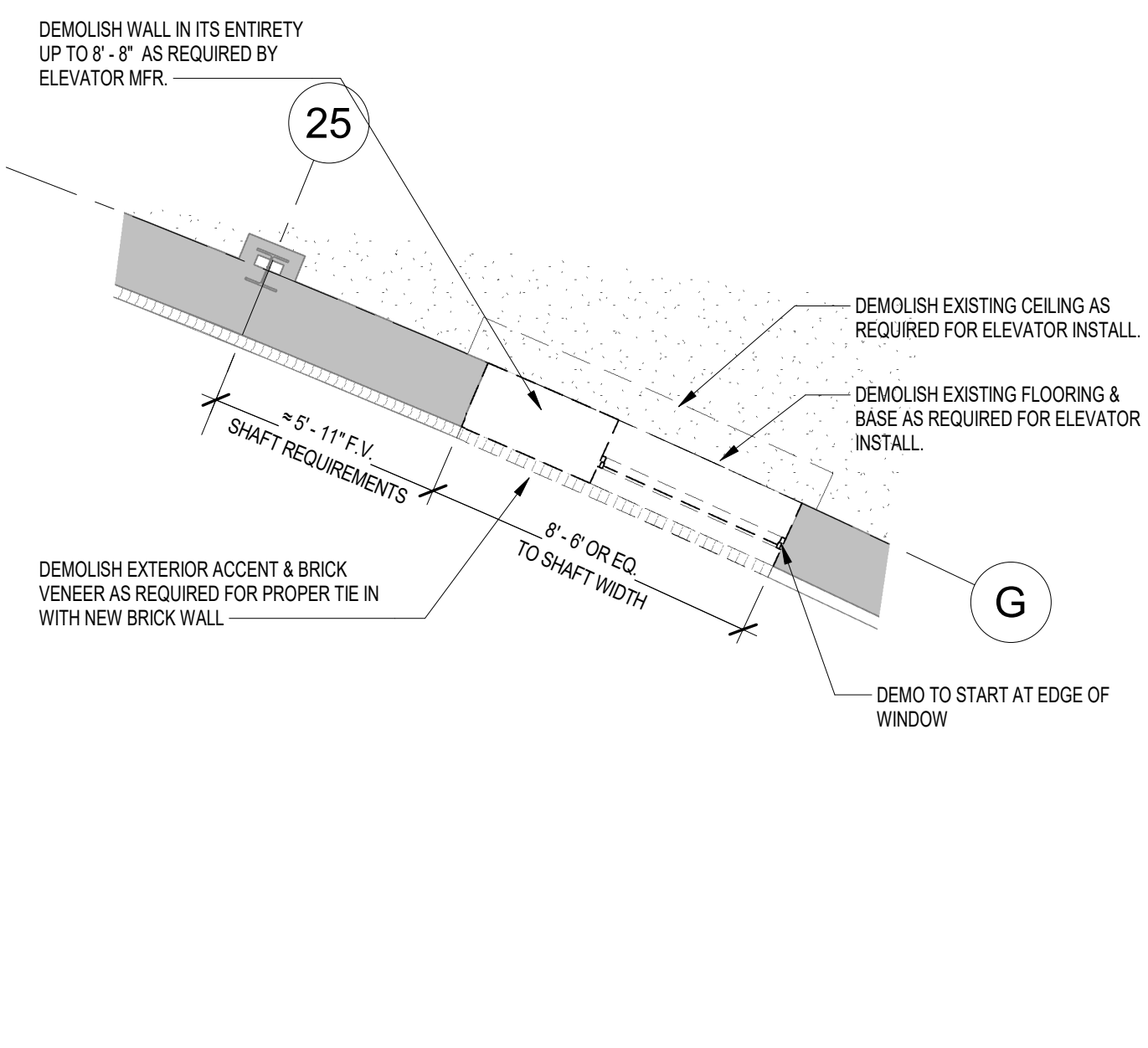


**9 ELEVATOR ONE ENLARGED RCP - THIRD FLOOR**  
 AE9.1 1/4" = 1'-0"  
 REFERENCED ON

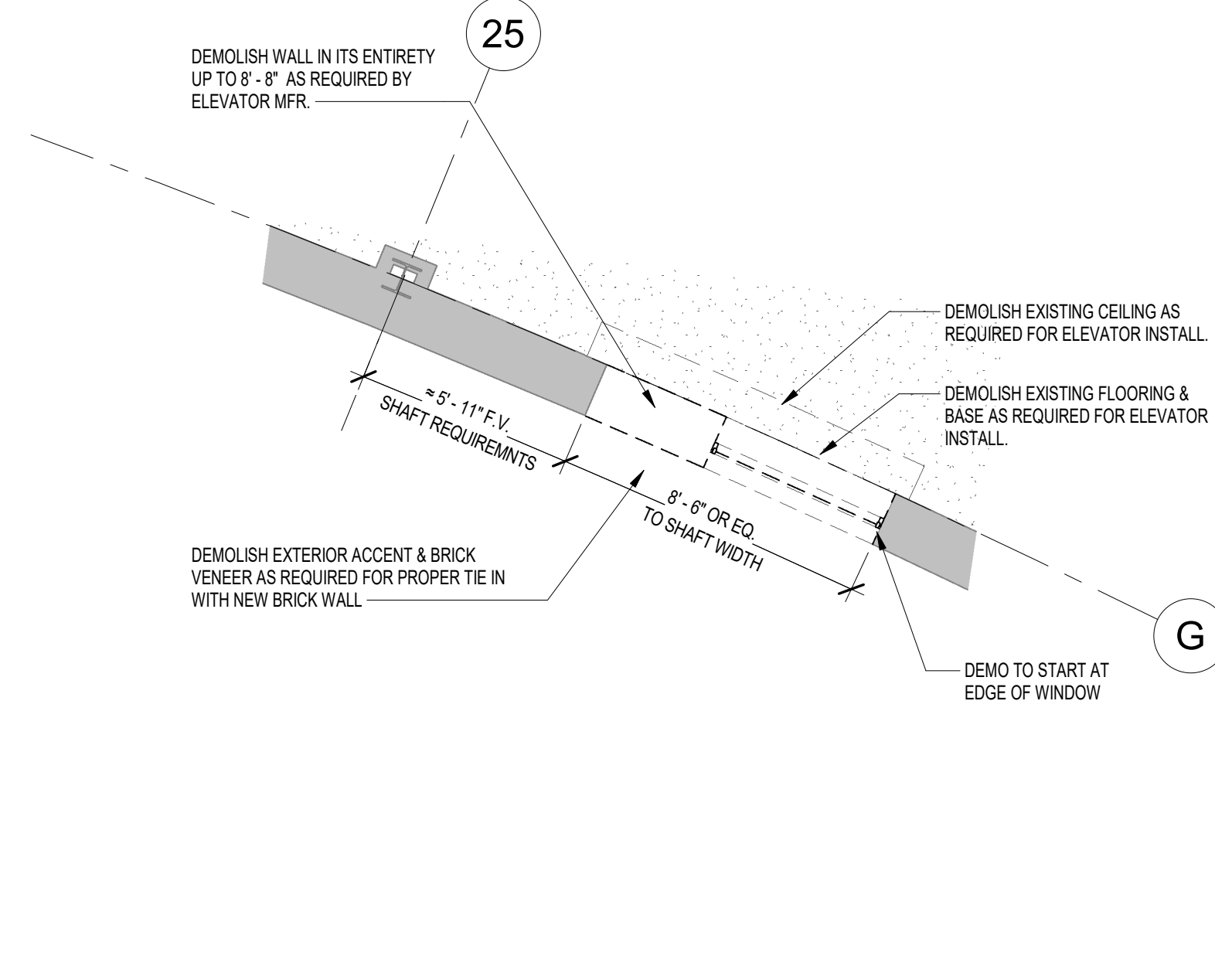
**FINISH SCHEDULE ELEVATOR**

ROOM NO.	ROOM NAME	BASE	FLOOR	WALL FINISH			CEILING	Comments
				NORTH	EAST	WEST		
C100	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
C200	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
C300	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
E1	ELEVATOR	--	VCT-1	--	--	--	--	ELEVATOR
E2	ELEVATOR	--	VCT-1	--	--	--	--	ELEVATOR

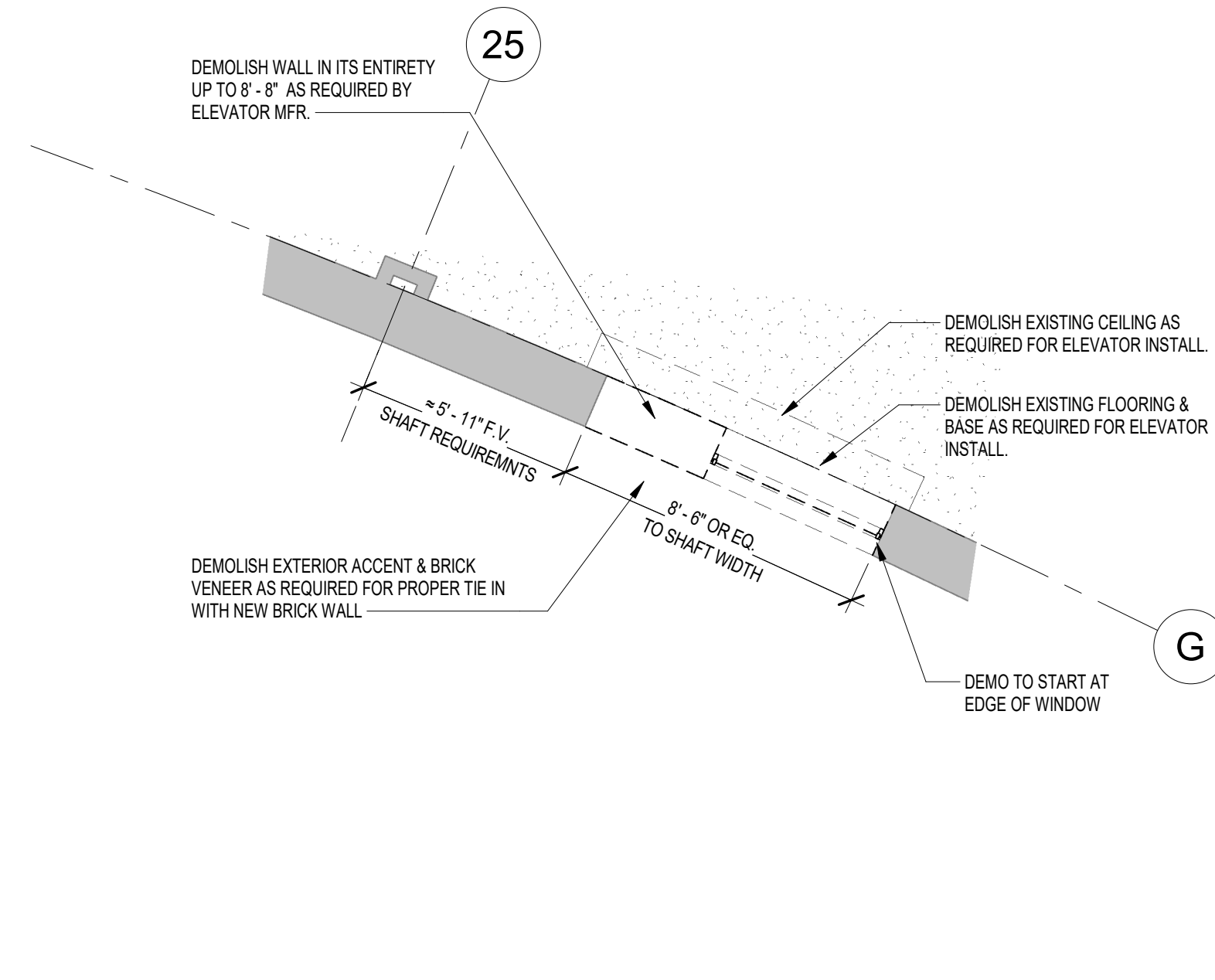
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1 ELEVATOR TWO ENLARGED PLAN - FIRST FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON



2 ELEVATOR TWO ENLARGED PLAN - FIRST FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON



3 ELEVATOR TWO ENLARGED PLAN - FIRST FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON

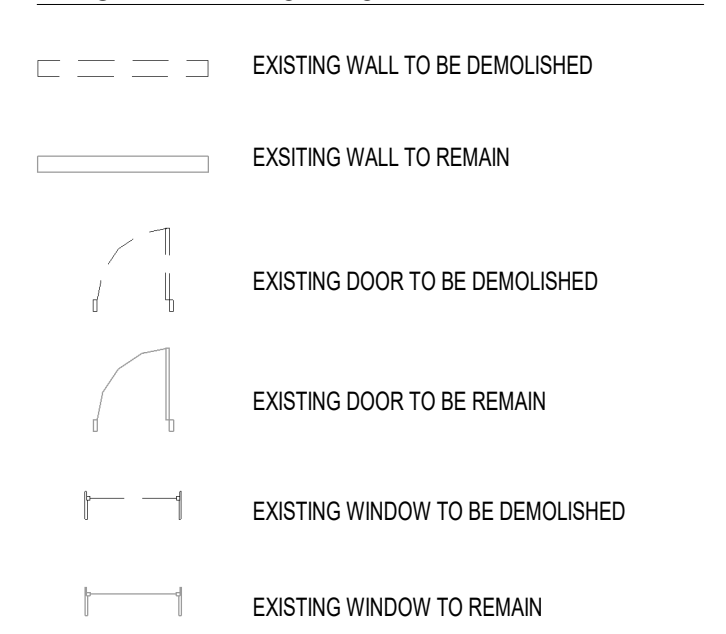
SCHEDULE INTERIOR FINISHES ELEVATOR

ABBREVIATION	DESCRIPTION	BASIS OF DESIGN
<b>BASE &amp; ACCESSORIES</b>		
WDB	WOOD BASE	MATCH EXISTING
<b>FLOOR FINISHES</b>		
VCT-1	VINYL COMPOSITION TILE - CORRIDOR	TARKETT VCT II. COLOR: SOLID BLACK
<b>CEILINGS</b>		
GBP-2	GYPSUM WALL BOARD - PAINTED	SEE P-2 ABOVE
<b>PAINTCOATINGS</b>		
P-1	PAIN-T-GENERAL WALL COLOR	LOW-SHEEN, EGGSHELL TO MATCH SURROUNDING WALLS
P-2	PAIN-T-CEILING	FLAT-TO MATCH EXISTING PAINTED CEILING
P-3	PAIN-T-TRIM	SEMI-GLOSS, COLOR TO MATCH EXISTING TRIM

GENERAL NOTES - DEMOLITION PLAN

- GENERAL CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK. NOTIFY OWNER & ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO START OF DEMOLITION.
- CONFORM TO ALL APPLICABLE CODES FOR DEMOLITION OF ITEMS TO BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL DISPOSAL OR RECYCLING PROCESSES FOR DEMOLISHED MATERIALS/EQUIPMENT REQUIRED BY CODE.
- PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. CONTRACTORS SHALL BEAR ALL COSTS FOR REPAIRING, REPLACING, REFINISHING ITEMS OF EXISTING ITEMS DAMAGED.
- PROVIDE, ERECT AND MAINTAIN TEMPORARY PARTITIONS, BARRIERS, GUARD RAILS AND OTHER SAFETY ITEMS AS REQUIRED BY REGULATORY AGENCIES, AS REQUIRED TO PROTECT OCCUPANTS OR AS NECESSARY TO PROTECT MATERIALS, SURFACES AND FINISHES.
- DEMOLITION DRAWINGS MAY NOT INDICATE ALL ITEMS TO BE REMOVED. COORDINATE DEMOLITION OF ROOFS, WALLS, FLOORS, SLABS, EQUIPMENT, ETC. WITH OTHER DISCIPLINES.
- WHEN CUTTING INTO EXISTING WALLS, SLAB AND ROOF, CONTRACTOR SHALL TAKE EXTREME CARE AND CAUTION TO AVOID DAMAGING THE STRUCTURAL INTEGRITY OF THESE AREAS. CONTRACTOR SHALL DOCUMENT ALL WALL, ROOF CUTS AND SLAB CUTS WHERE REINFORCING MEMBERS ARE CUT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, RESTORING, AND MAINTAINING STRUCTURAL PERFORMANCE WHERE THE STRUCTURAL SYSTEM HAS BEEN COMPROMISED.
- CONTRACTOR SHALL VERIFY ALL UTILITIES (SHOWN OR NOT SHOWN ON DRAWINGS) THAT ARE TO REMAIN PRIOR TO DEMOLITION. CONTRACTOR SHALL NOT REQUEST ADDITIONAL CHARGES FOR SUCH UTILITIES THAT ARE CLEARLY VISIBLE (WITHOUT DEMOLITION). WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
- WHERE SURFACE MOUNTED ITEMS ARE REMOVED FROM WALLS OR SLABS (I.E. SIGNAGE, RACEWAYS, EQUIPMENT, FIXTURES, & ETC) - PATCH/REPAIR SURFACES AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
- ITEMS OR MATERIALS NOT INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED ARE TO REMAIN THE OWNER'S PROPERTY. DEMOLISHED MATERIALS SHALL BE REMOVED FROM SITE WITH FURTHER DISPOSAL AT THE CONTRACTOR'S OPTION.
- ALL KNOWN HAZARDOUS MATERIALS WITHIN THE BUILDING WILL BE IDENTIFIED IN A REPORT AND MADE AVAILABLE TO THE CONTRACTOR. CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE ANY REQUIRED ABATEMENT PROCEDURES PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK.
- DEMOLITION PLANS INDICATE MATERIALS & ELEMENTS OF DEMOLITION WITH DASHED LINES. NOTES USED ARE TYPICAL BY SHEET.

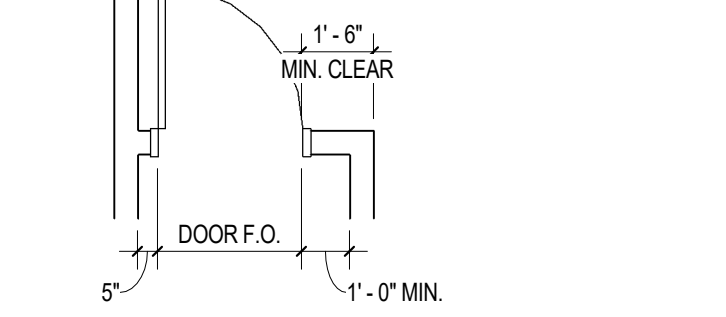
LEGEND - DEMOLITION PLAN



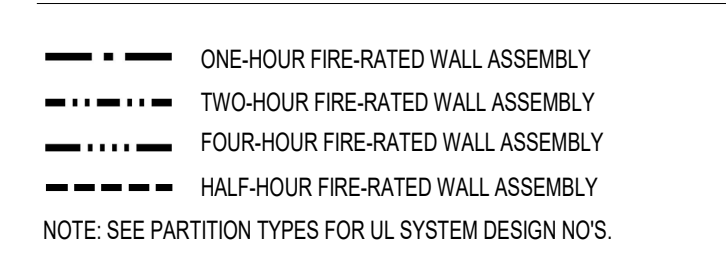
GENERAL NOTES - FLOOR PLAN

- SEE SHEET G1.2 FOR MINIMUM REQUIRED ADJACENT 4:1:17.1 MANEUVERING CLEARANCES AND ACCESSIBILITY REQUIREMENTS. ACCESSIBLE DOOR MANEUVERING CLEARANCES APPLY TO ALL DOORS. I.U.O. ALL ACCESSIBLE ROUTES MUST MAINTAIN COMPLIANCE WITH ADA/ANSI FLOOR SURFACES & CHANGES IN LEVEL LIMITS SHOWN ON A3.0.
- SEE CODE REVIEW SHEET(S) FOR REQUIRED UL ASSEMBLIES OF ALL BUILDING SYSTEMS. ALL PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES MUST COMPLY WITH UL DESIGN PENETRATIONS.
- DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER, FACE OF STUD, OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (S.S., M.S., P.S., P.P.S. AND E.S.) AND ACTUAL PRODUCTS TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- SEE FINISH SCHEDULES AND PLANS FOR FLOOR PATTERNS AND FLOOR FINISH REFERENCES.
- EXTERIOR MASONRY OPENINGS TO RECEIVE STOREFRONT, CURTAIN WALL, DOORS, WINDOWS, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM.
- INTERIOR METAL STUD OPENINGS TO RECEIVE STOREFRONT, DOORS, GRILLES, LOUVERS, OR OTHER ELEMENTS SHALL BE FIELD VERIFIED PRIOR TO MANUFACTURE OF SYSTEM. LOCATION OF ALL RECESSED CABINETS AND EQUIPMENT WALL PENETRATIONS MUST BE VERIFIED PRIOR TO INSTALLATION OF CMU WALLS TO ENSURE INDICATED LOCATION AND EVEN COURSING. ANY CONFLICTS WITH INDICATED DIMENSIONS OR LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTACT OWNER AND ARCHITECT UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.
- DIMENSIONS FROM DOOR JAMB FRAME OPENING TO CLOSEST WALL FINISH IS 5", I.U.O. SEE DIAGRAM BELOW

LEGEND - FLOOR PLAN

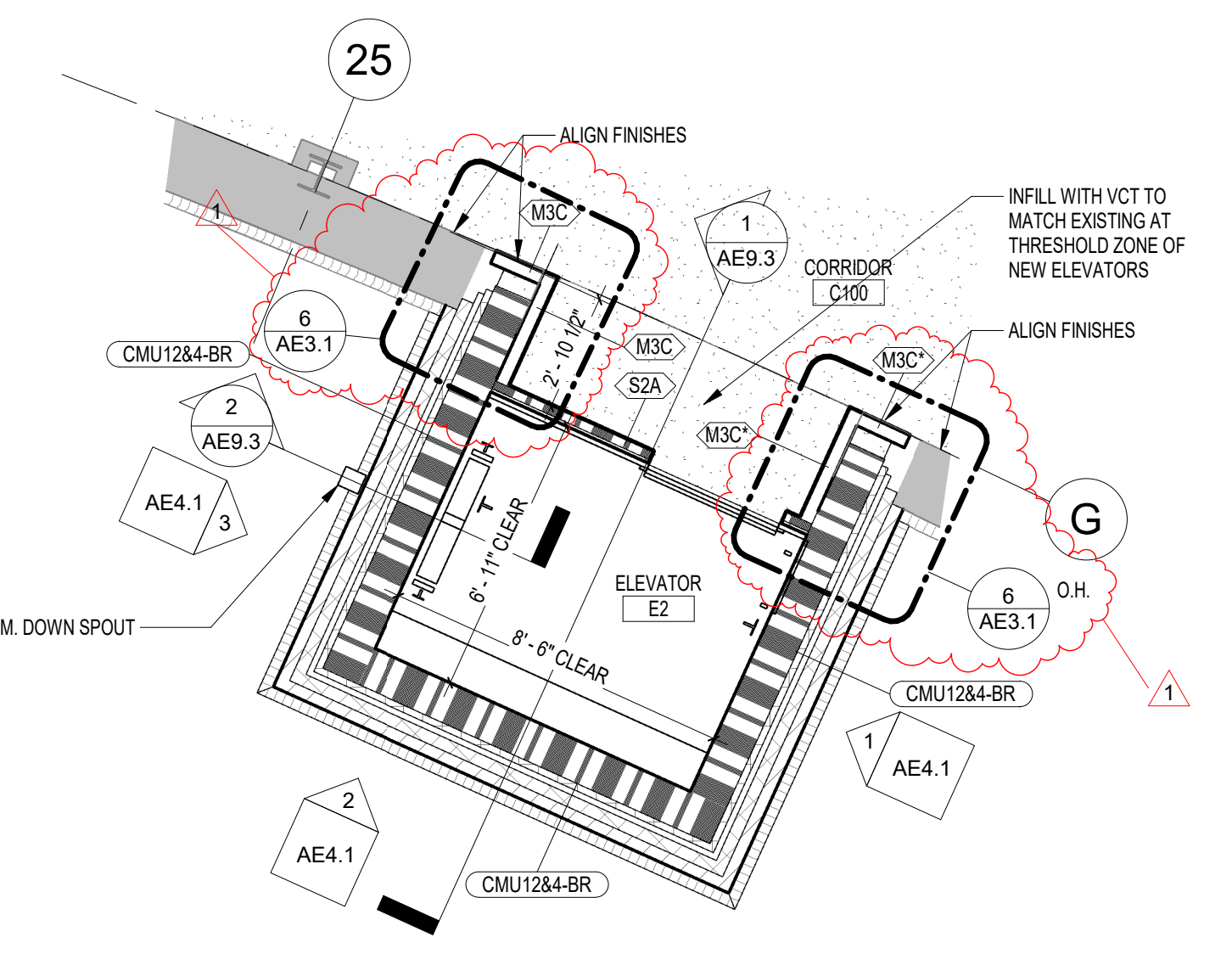


LEGEND - FLOOR PLAN

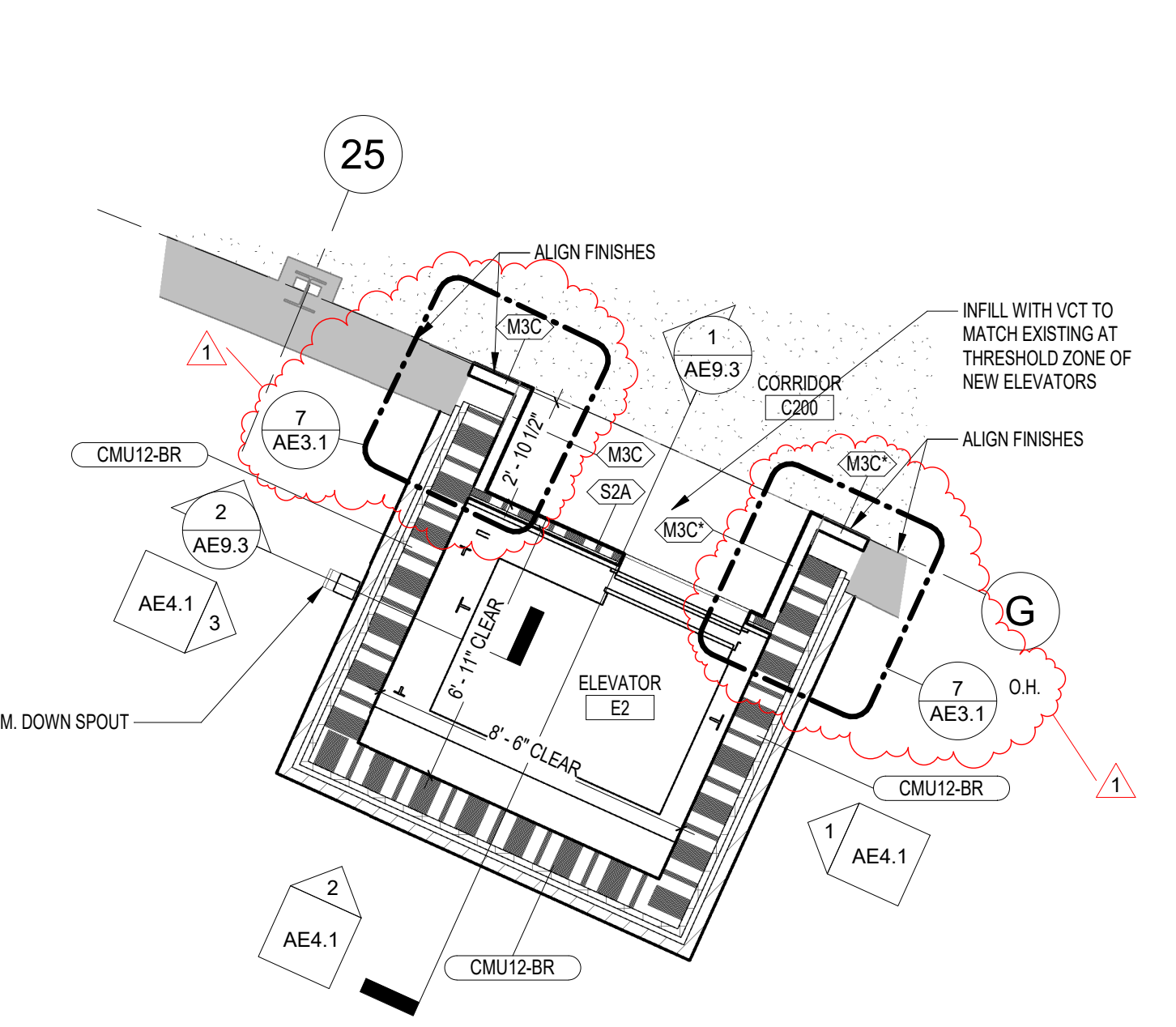


GENERAL NOTES - INTERIOR FINISHES ELEVATOR

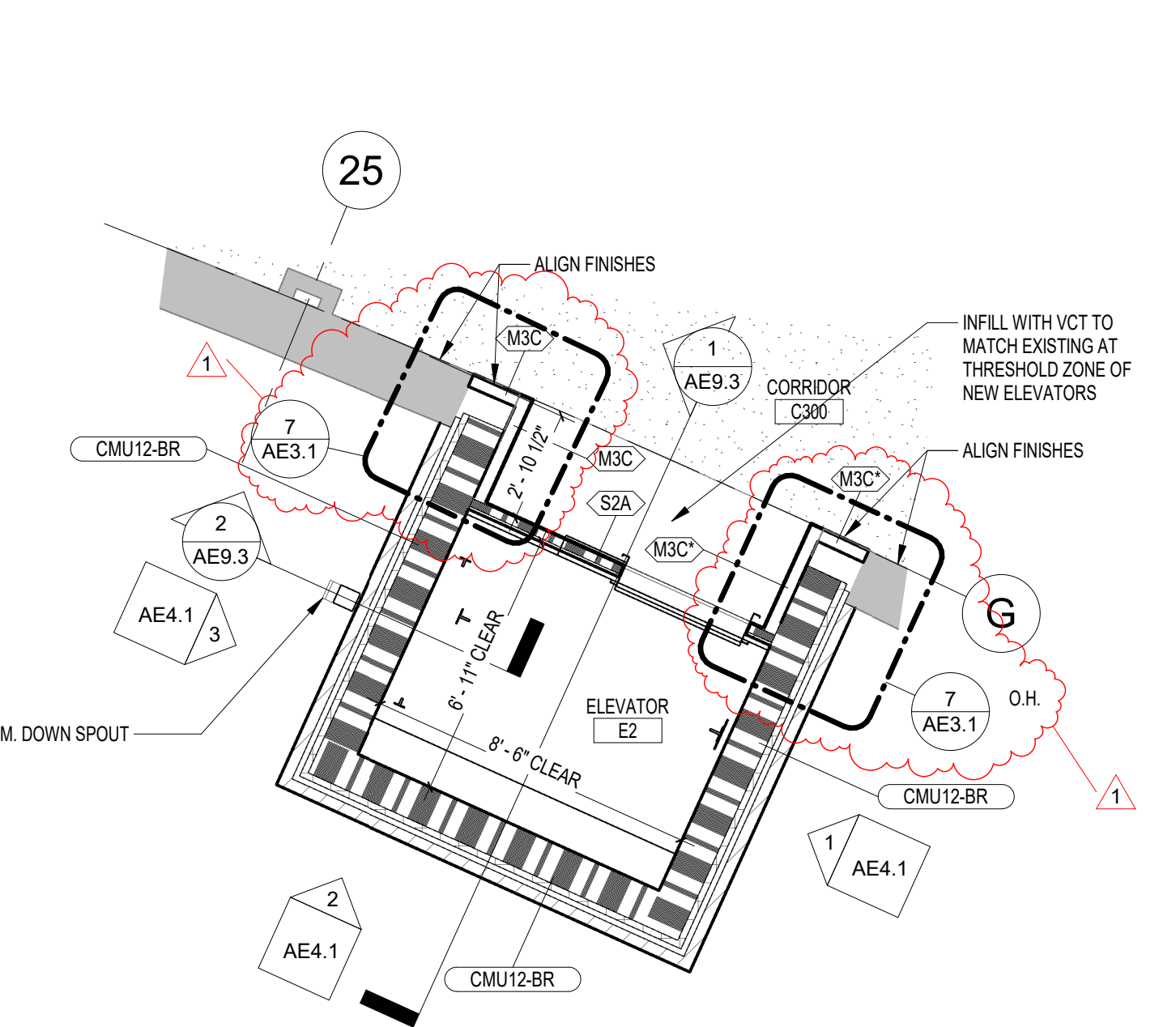
- WHERE SPECIFIC PRODUCTS ARE INDICATED, ITEM DESIGNATION INCORPORATES QUALITY AND AESTHETIC APPEARANCE FOR "BASIS OF DESIGN". SEE SPECIFICATIONS FOR EQUAL MANUFACTURERS PER PRODUCT TYPE INDICATED. DEPENDING ON LOCATION OF ITEM, ALTERNATES SHALL MATCH IN COLOR/TEXTURE, AS WELL AS PERFORMANCE CRITERIA, PER ARCHITECT'S APPROVAL.
- ALL PAINT COLOR SELECTIONS SHALL MATCH EXISTING CONDITIONS. FIELD VERIFY WITH ARCHITECT IN LIGHTED CONDITIONS PRIOR TO FINAL INSTALLATION.
- REFERENCE REFLECTED CEILING PLANS FOR EXTENT/LOCATION OF CEILING FINISH DESIGNATIONS AND HEIGHTS. DESIGN INTENT TO REPRODUCE EXISTING CEILING CONDITIONS AFTER RENOVATION SO SAVE AND PROTECT CEILING TILES AS NECESSARY FOR REUSE.
- ELEVATOR TO RECEIVE PLASTIC LAMINATE PANELS. ARCHITECT TO SELECT FROM MANUFACTURERS STANDARDS.



4 ELEVATOR TWO ENLARGED PLAN - FIRST FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON



5 ELEVATOR TWO ENLARGED PLAN - SECOND FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON

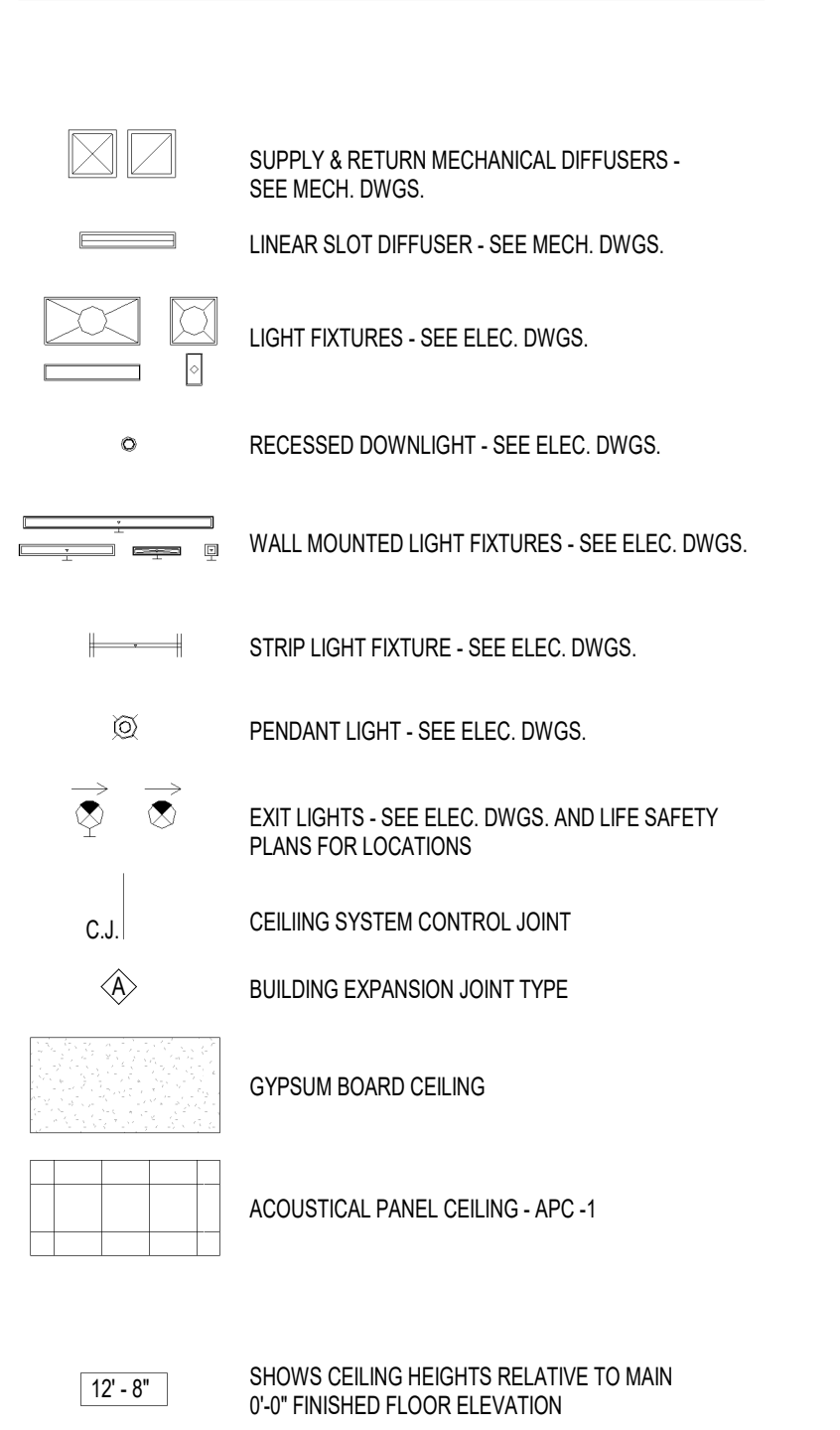


6 ELEVATOR TWO ENLARGED PLAN - THIRD FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON

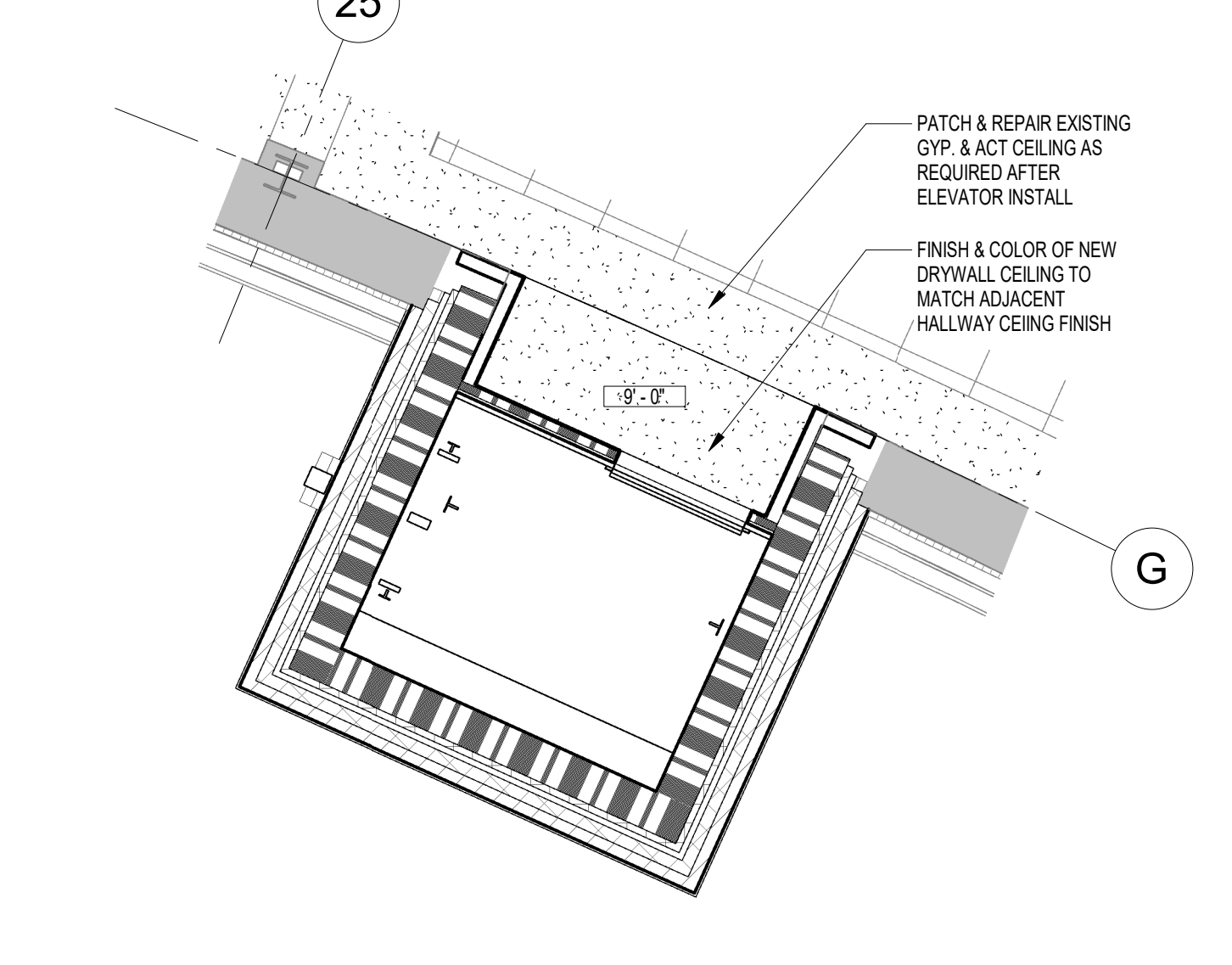
GENERAL NOTES - REFLECTED CEILING PLAN

- REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND SPECIFIC LIGHT FIXTURE DESIGNATIONS AND FOR FULL EXTENT OF ELECTRICAL CEILING AND WALL MOUNTED DEVICES.
- ALL SUSPENDED ACOUSTICAL GRIDS ARE TO BE CENTERED IN CEILING ROOM AS SHOWN, UNLESS NOTED OTHERWISE.
- CEILING MOUNTED EQUIPMENT, DEVICES, FIXTURES & GRILLES MUST BE COORDINATED ON REFLECTED CEILING PLANS. CEILING MOUNTED SPRINKLERS TO BE LOCATED IN CENTER OF CEILING TILE MARK CELINGS AND ALIGN WITH DOWNLIGHTS IN GYPSUM CEILINGS AND SOFFITS.
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- PAINT ALL EXPOSED STEEL UNITS, ANGLES AND PLATES, AND BEAMS UNLESS NOTED OTHERWISE.

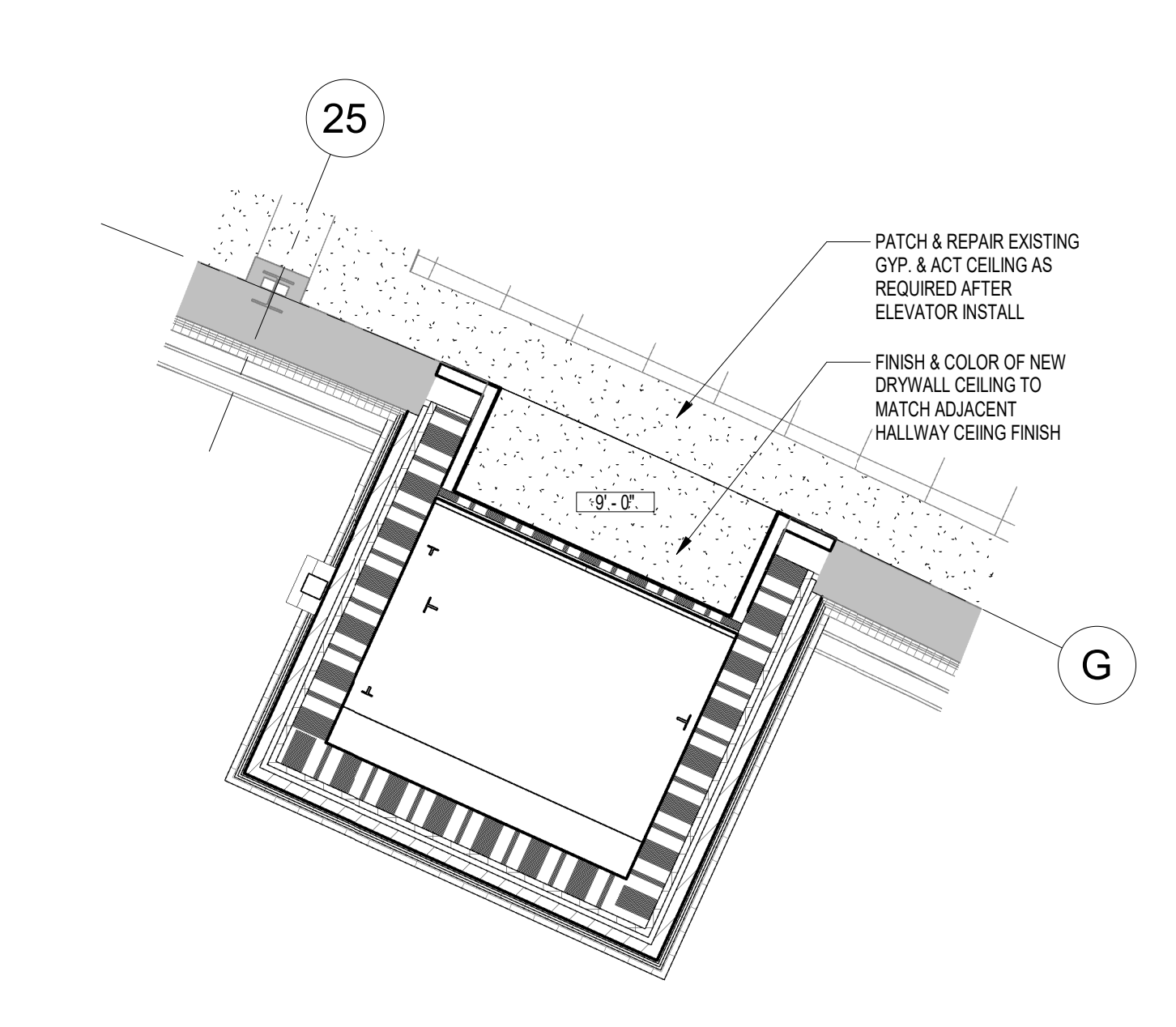
LEGEND - REFLECTED CEILING PLAN



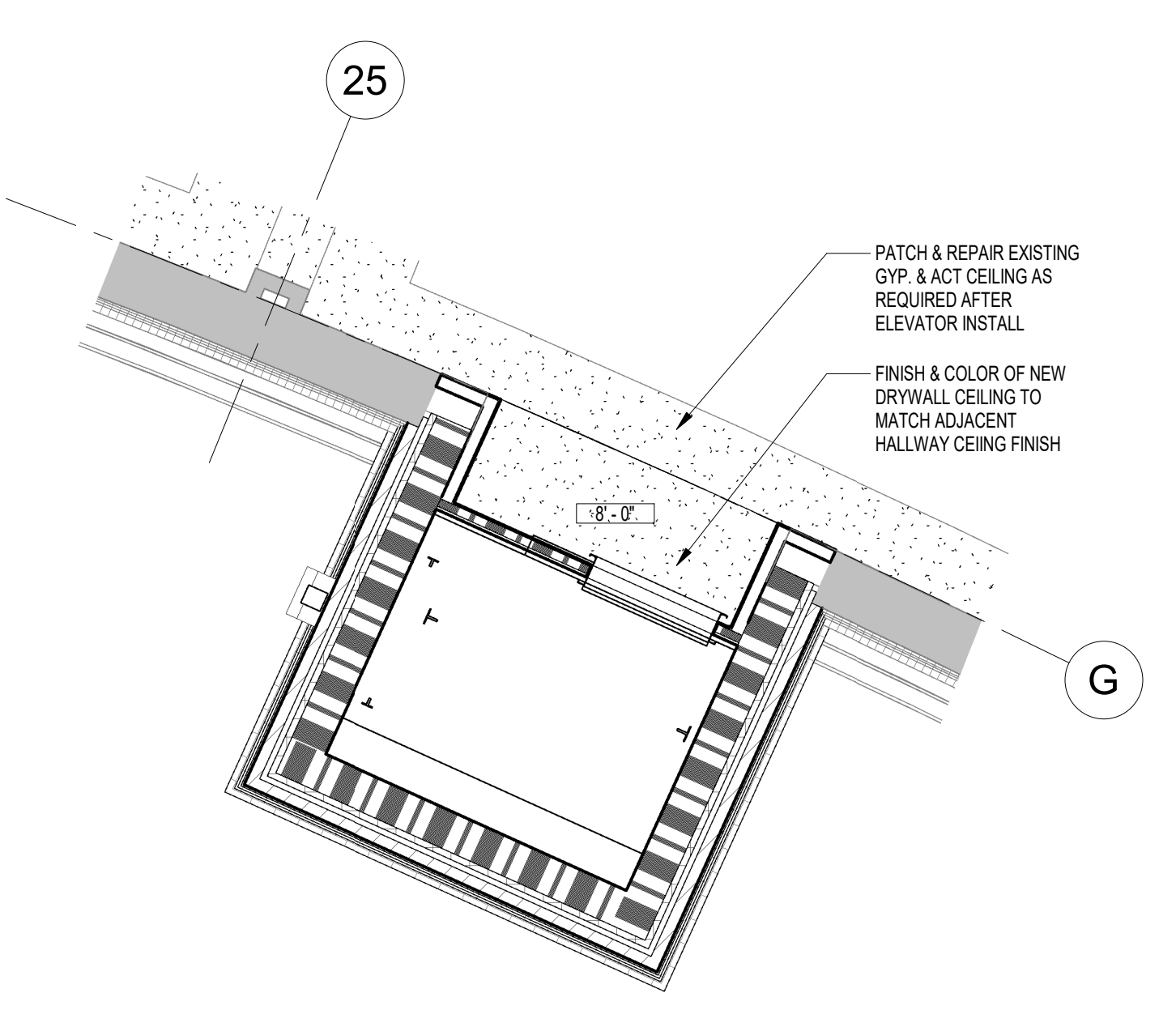
12'-0" SHOWS CEILING HEIGHTS RELATIVE TO MAIN 0'-0" FINISHED FLOOR ELEVATION



7 ELEVATOR TWO ENLARGED RCP - FIRST FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON



8 ELEVATOR TWO ENLARGED RCP - SECOND FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON



9 ELEVATOR TWO ENLARGED RCP - THIRD FLOOR  
A/E 2 1/4" = 1'-0" REFERENCED ON

FINISH SCHEDULE ELEVATOR

ROOM NO.	ROOM NAME	BASE	FLOOR	WALL FINISH			CEILING	Comments
				NORTH	EAST	WEST		
C100	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
C200	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
C300	CORRIDOR	EXIST WB	VCT-1, EXISTING VCT	--	--	MATCH EXISTING	TOUCH UP TO MATCH EXISTING	ELEVATOR
E1	ELEVATOR	--	VCT-1	--	--	--	--	ELEVATOR
E2	ELEVATOR	--	VCT-1	--	--	--	--	ELEVATOR

NO.	REVISIONS	NAME	DATE
1	ADDENDUM #1		01/22/2024

DRAWN BY:	CHECKED BY:	AUTHOR:

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