

## Town of Montgomery Police Station

106 Bracken Road, Montgomery New York, 12549

### ADDENDUM #6: May 09, 2025

#### General Summary:

1. **As a notification**, specification section 00 01 10 Table of Content has been updated and included for reference purposes.
2. **As a notification**, A101 -2017 – A101 Exhibit A: Insurance and Bonds has been revised to include the aggregate amount of \$2M.
3. **As a notification**, specification section 07 44 00 Faced Panels has been added to the Specifications.
4. **As a notification**, specification section 08 56 53 Security Windows has been revised.
5. **As a notification**, architectural drawing A-002 - Drawing List has been updated and included for reference purposes.
6. **As a notification**, architectural drawing A-205 - Second Floor RCP has been revised to include an additional light fixture at the exterior of the building, and A-902 - Interior Sign Schedule has been revised to reflect the updated interior signage schedule, namely for the signage at the stair.
7. **As a notification**, civil drawings 3 of 6 - Grading, Utility, and Lighting Plan, and 6 of 6 – Construction Details 2 have been updated to include the lighting specifications.
8. **As a notification**, MEP drawings H-101, H-102, H-501, E-101, E-201, and E-202 have been revised to reflect the thermostat, fire damper, fire alarm annunciator panel locations, and the updated lighting layouts.

#### Contractor Questions:

1. The Instructions to Bidders section 00 21 13 page 4 notes to provide an executed “Undertaking of Insurance”. Please confirm this can be a letter from our insurance broker or is there a specific form that needs to be filled out? Please advise.

**RESPONSE:** A letter from an insurance broker stating their intention to provide insurance to the bidder in accordance with the insurance

requirements of Contract Documents is acceptable. The letter must be on Company letterhead and signed by broker.

2. Fire Protection:

- a) Graphic annunciator shown by FACP on plans. Not shown on legend. Please clarify.
- b) Sprinkler monitoring - Is this to be included in our scope of work?
- c) Radio system - Is this to be included in our scope of work?
- d) LCD annunciator - Is this to be included in our scope of work?
- e) No symbols on drawings for duct detectors - Is this to be included in our scope of work?
- f) Fire smoke damper shutdowns locations?

**RESPONSE:** See itemized responses below:

- a) The annunciator graphic was added to legend in Addendum 2 dated 4/17/25.
- b) As clarified in previous addendums, no fire sprinkler system is required.
- c) There is no radio system as part of the fire alarm system.
- d) See revised drawing E-101 for Fire Alarm Annunciator Panel location.
- e) Duct detector locations can be found on H-101 Addendum 3 dated 04/25/25 and are called out on E-601 Electrical Equipment and Controls Schedule.
- f) There are no fire/smoke dampers that require a fire alarm connection in the building.

3. Drawing A-100-ED notes demolition of an existing bench. Please identify the location of this existing bench.

**RESPONSE:** The bench is currently in use in the existing Town of Montgomery Police facility. The intent is to remove, modify, and relocate the bench to the new facility. The details on how the bench is to be modified are included on drawing A-511.

4. Specifications for site lighting fixture type A are not included in the site drawings or the A-701 Luminaire Schedule.

**RESPONSE:** The lighting specification has been updated on the Civil Drawing 6 of 6.

5. Please confirm that a Builders Risk is needed for the project.

**RESPONSE:** Section A.3.2.2.1 of AIA A101 has been updated to include the required builders risk coverage amount. Updated A101 is attached to this addendum.

6. Is a standard ASCO Svc Ent ATS suitable for this project?

**RESPONSE:** The ATS specified for this project included the bypass due to the nature of the facility and that performing any work on the ATS would require doing a full utility shutdown. The ATS bypass allows the facility to remain operational while the ATS is maintained or repaired.



7. How many grade changes will there be on the retaining wall with the fence?  
**RESPONSE:** There is a profile provided for the proposed walls on sheet 7 of 8 of the Civil plan set dated January 14, 2025, as designed by Kevin Patton, which shows the amount of grade changes along the wall.
8. The detail shows sleeves to set the fence in on the wall. Who is responsible for the sleeves?  
**RESPONSE:** This is a means and methods question and should be determined by the General Contractor.
9. Detail for chain link fence shows bottom coil wire, is this the preferred bottom rail for an animal enclosure?  
**RESPONSE:** A note has been added to the chain link fence detail on civil drawing 3 of 6 to include a bottom rail.
10. Drawing note 5 states to re-route existing telecom conduit. Please provide conduit size and existing cable specifications.  
**RESPONSE:** For purposes of this bid use a 4" conduit and a single 50 pair CAT 3 cable. The selected general contractor to confirm size prior to start of construction.
11. Drawing note 6 states to re-route existing circuit to sewage pump station. Please provide conduit size and existing cable specifications.  
**RESPONSE:** For purposes of this bid use a 2#10 & 1#10G IN 1 conduit for circuiting for the sewage pump station. The selected general contractor to confirm size prior to start of construction.
12. "Architectural reflected ceiling drawings A-204 and A-205 do not match electrical lighting drawings E-201 and E-202. Please clarify:  
**RESPONSE:** The electrical drawings have been updated to reflect the layout on the architectural plans. Please see updated Electrical drawings attached to this addendum.
13. Who is supplying and installing the Interview "In Use" Light shown on E-101?  
**RESPONSE:** The General Contractor is responsible for the circuit and wall box as shown on E-101. The owner will purchase and install the "In Use" light.
14. Is the GacoProFill foam insulation required for the interior CMU walls as well? The interior partitions, designated as Wall Types 302, 338 and 394, show insulation on the Schedule as well.  
**RESPONSE:** The GacoProFill insulation is not required for the interior walls. Any portions of interior block walls that extend to the exterior are required to be insulated with the GacoProFill.



15. The Masonry Partition Types indicated on Sheet A-200 specify "GacoProFill" cavity wall insulation to be sprayed within all masonry block cells. Please confirm the primary intent of this insulation and if the following substitutions would be accepted:

- a) If the intent is to provide thermal insulation, would the use of Krofil Block insulation (as outlined in the attached specification sheet) be an acceptable alternative?
- b) If the intent is to meet a 2-hour fire-resistance rating, would the use of a 6" CMU with 75% solid content to achieve the required rating?

**RESPONSE:** The GacoProFill masonry insulation is required to meet the NYS Energy Code requirements. Any Substitution must be submitted using the substitution forms included in addendum #2.

16. Door Schedule on pan A-800 shows elevation for doors 1 - 8. These door types are not described on door schedule. Please clarify.

**RESPONSE:** See updated door schedule released in Addendum #3.

17. Who is the BMS/Controls contractor in the building or a BMS vendor preference.

**RESPONSE:** No BMS is proposed.

18. Detail 5/S300 8" slab. No reinforcing shown or limits of slab. Please provide.

**RESPONSE:** Slab reinforcing and extent are shown on 8/S300.

19. Security Window type F on sheet A-800; Specification 08 56 53, section 2.03-4 'Window Type: Sliding, Single Horizontal' however elevation F on sheet A-800 shows a fixed window; please clarify if security window is fixed or sliding.

**RESPONSE:** The specification 08 56 53 Security Windows has been revised and is included in this addendum.

20. Details 6 & 10/A-617 show SSG Curtain Wall; we were not able to locate any elevations where SSG is required. Please clarify the location of SSG Curtain Wall.

**RESPONSE:** Details shown on drawings A617 are typical details and may not apply to this project.

21. Security Film: Addendum #4, RFI #53 response states "All" storefront & curtain all should receive Blast Mitigation Window Film; however, the addendum issued Safety & Security Film spec 08.87.23 section 2.02 calls for "Glazing at Ground Level" to receive film; please clarify.

**RESPONSE:** All exterior storefront and curtain wall glazing below 13'-0" A.F.F. to receive blast resistant film. Blast film on front entry curtain wall to stop at 11'-11" horizontal mullion.

22. Please provide the Quantities required for the following directional signs. SN9, SN10, SN11, SN12, SN13.

**RESPONSE:** Signs SN9, SN10, SN11, and SN 12 are not required. Sign SN13 is noted for signage mark "S-134" as shown on the schedule on drawing A-902.





23. There are 2 floors which means there are qty. (2 ea) Stair, In case of fire, & 2 floor levels. Please confirm.

**RESPONSE:** As a revision, the required signage mark S-120 type has been adjusted on drawing A-902 and included in this addendum. The 'stair', 'in case of fire', and floor level signage is not required.

24. Are SN5 & SN8 signs needed?

**RESPONSE:** As clarification signs SN5 and SN8 are not required - the one SN5 sign at RECORDS has been changed to SN1. See revised drawings A-902 Interior Signage, attached to this addendum.

25. A-902 mentioned Glass backers but no quantities. How many if any are needed?

**RESPONSE:** This note is in reference to the signage installed on glass in Vestibule 100.

26. SN1 can't be made with replaceable Vinyl letters. Please clarify.

**RESPONSE:** The vinyl lettering is intended for Personnel names only, not braille or room name.

27. There is no information for HVAC Controls in the Mechanical drawings or specifications. Please advise.

**RESPONSE:** Control information is in spec section 238143 Part 2.1 F. There is no BMS, all controls are to be packaged with the equipment provided and be stand alone.

28. Can the AISC certifications be waved for this project?

**RESPONSE:** AISC standards cannot be waived.

29. Section 07 11 13 – Bituminous Damp proofing calls for a two-coat application at foundation walls and 2" Wall Guard concrete faced insulated panels. Please clarify.

**RESPONSE:** Specification section 07 44 00 has been added to include the 2" Wall Guard.

30. Can you please confirm whether the Casework on drawing 4/A507 with Keynote 68 is Stainless Steel Casework or Millwork/Wood?

**RESPONSE:** The casework noted with Keynote 68 on drawings A-507 is to be wood.

31. Please confirm when the specifications for the AUDIO VISUAL will be released.

**RESPONSE:** As outlined in addendum #2 and detailed on drawing A-903 the IT/AV items listed on drawing A-903 as owner supplied are not part of this bid.



**SECTION 00 01 10  
TABLE OF CONTENTS**

**PROCUREMENT AND CONTRACTING REQUIREMENTS**

**Division 00 -- Procurement and Contracting Requirements**

- 00 01 10 - Table of Contents
- 00 11 13 - Advertisement for Bids
- 00 21 13 - Instructions to Bidders
- 00 40 90 - Bidders Checklist
- 00 41 00 - Bid Form
- 00 43 00 - Stockholder / Partnership Affidavit
- 00 43 22 - Unit Prices Form
- 00 43 23 - Alternates Form
- 00 43 25 - Substitution Request Form During Procurement
- 00 43 27 - Separate Prices Break-Out Form
- 00 43 29 - Receipt of Addenda Form
- 00 43 30 - Non-Collusive Bidding Certification
- 00 43 31 - Iran Divestment Act Certification
- 00 43 32 - Sexual Harassment Certification Form
- 00 43 40 - Sales Tax Exemption Instructions
- 00 49 50 - Disclosure of Prior Non-Responsibility Determinations

**AIA Documents**

- A101-2017 – Standard Form of Agreement Between Owner and Contractor
- A101-2017 – A101 Exhibit A: Insurance and Bonds
- A201-2017 – General Conditions of the Contract for Construction
- A305-2020 – Contractor's Qualification Statement, including Exhibits A - E
- A310 - 2010 – Bid Bond
- A312 - 2010 – Payment Bond
- A312 - 2010 – Performance Bond
- C106-2013 – Digital Data Licensing Agreement
- G701-2017 – Change Order
- G702-1992 – Application and Certificate for Payment
- G703 - 1992 – Continuation Sheet
- G704-2017 – Certificate of Substantial Completion
- G705-2001 – List of Subcontractors
- G706-1994 – Contractor's Affidavit of Payment of Debts and Claims
- G706A-1994 – Contractor's Affidavit of Release of Claims
- G707-1994 – Consent of Surety to Final Payment
- G707A-1994 – Consent of Surety to Reduction in or Partial Release of Retainage
- G709-2018 – Proposal Request
- G710-2017 – Architect's Supplemental Instructions
- G714-2017 – Construction Change Directive

G715-2017 – Supplemental Attachment for ACORD Certificate of Insurance 25

G716-2004 – Request for Information

G804-2001 – Register of Bid Documents

#### **Attachments**

Geotechnical Report

Comcheck

Project Labor Agreement

Prevailing Wage Schedule for Article 8 Public Work Project

#### **SPECIFICATIONS**

##### **Division 01 -- General Requirements**

01 10 00 - Summary

01 20 00 - Price and Payment Procedures

01 22 00 - Unit Prices

01 23 00 - Alternates

01 25 00 - Substitution Procedures

01 30 00 - Administrative Requirements

01 32 16 - Construction Progress Schedule

01 40 00 - Quality Requirements

01 45 33 - Code-Required Special Inspections

01 50 00 - Temporary Facilities and Controls

01 57 13 - Temporary Erosion and Sediment Control

01 57 19 - Temporary Environmental Controls

01 60 00 - Product Requirements

01 70 00 - Execution and Closeout Requirements

01 74 19 - Construction Waste Management and Disposal

01 79 00 - Demonstration and Training

01 91 13 - General Commissioning Requirements

01 91 13.01 - Supplemental General MEP Commissioning Requirements

01 91 20 - Commissioning Plan

##### **Division 03 -- Concrete**

03 30 00 - Cast-in-Place Concrete

03 35 11 - Concrete Floor Finishes

##### **Division 04 -- Masonry**

04 20 00 - Unit Masonry

04 73 00 - Manufactured Stone Masonry

##### **Division 05 -- Metals**

05 12 00 - Structural Steel Framing

05 21 00 - Steel Joist Framing

05 31 00 - Steel Decking

05 40 00 - Cold-Formed Metal Framing

05 50 00 - Metal Fabrications

05 51 00 - Metal Stairs

05 51 33 - Metal Ladders

**Division 06 -- Wood, Plastics, and Composites**

06 10 53 - Miscellaneous Rough Carpentry

06 41 00 - Architectural Wood Casework

**Division 07 -- Thermal and Moisture Protection**

07 05 43 - Cladding Support Systems

07 05 53 - Fire and Smoke Assembly Identification

07 11 13 - Bituminous Dampproofing

07 21 00 - Thermal Insulation

07 21 19 - Foamed-In-Place Insulation

07 27 00 - Air Barriers

07 42 13 - Metal Wall Panels

07 42 13.23 - Metal Composite Material Wall Panels

07 44 00 - Faced Panels

07 53 23 - Ethylene-Propylene-Diene-Monomer Roofing - Versico

07 84 00 - Firestopping

07 92 00 - Joint Sealants

**Division 08 -- Openings**

08 06 71 - Door Hardware Schedule

08 11 13 - Hollow Metal Doors and Frames

08 14 16 - Flush Wood Doors

08 34 73 - Sound Control Door Assemblies

08 43 13 - Aluminum-Framed Storefronts

08 44 13 - Glazed Aluminum Curtain Walls

08 56 53 - Security Windows

08 56 75 - Sound Control Windows

08 71 00 - Door Hardware

08 80 00 - Glazing

08 87 23 - Safety and Security Films

08 88 13 - Fire-Rated Glazing

**Division 09 -- Finishes**

09 21 16 - Gypsum Board Assemblies

09 30 00 - Tiling

09 51 00 - Acoustical Ceilings

09 65 00 - Resilient Flooring

09 65 66 - Resilient Athletic Flooring

09 68 13 - Tile Carpeting

09 84 30 - Sound-Absorbing Wall and Ceiling Units

09 90 00 - Painting and Coating - Commercial Facility Guide Specification - Sherwin-Williams

**Division 10 -- Specialties**

10 14 16 - Plaques  
10 14 19 - Dimensional Letter Signage  
10 14 23 - Panel Signage  
10 21 13.17 - Phenolic Toilet Compartments - ASI  
10 21 23 - Cubicle Curtains and Track  
10 28 00 - Toilet, Bath, and Laundry Accessories  
10 43 00 - Emergency Aid Specialties  
10 44 00 - Fire Protection Specialties  
10 51 13 - Metal Lockers  
10 56 13 - Metal Storage Shelving  
10 56 26 - Mobile Storage Shelving  
10 73 16.13 - Metal Canopies

**Division 11 -- Equipment**

11 30 13 - Appliances

**Division 12 -- Furnishings**

12 24 00 - Window Shades  
12 35 53.13 - Metal Laboratory Casework  
12 36 00 - Countertops

**Division 22 -- Plumbing**

22 05 00 - Basic Plumbing Requirements  
22 05 23 - Valves  
22 05 53 - Plumbing Identification  
22 05 80 - Excavation and Backfill  
22 07 00 - Insulation  
22 10 10 - Piping Systems and Accessories  
22 10 20 - Underground Piping Systems and Accessories  
22 10 30 - Pumps  
22 11 00 - Water Supply  
22 13 00 - Sanitary, Waste and Storm Drainage Systems  
22 30 10 - Equipment  
22 34 00 - Water Heaters  
22 40 00 - Plumbing Fixtures  
22 67 00 Water Treatment Equipment  
22 70 10 Natural Gas Systems

**Division 23 -- Heating, Ventilating, and Air-Conditioning (HVAC)**

23 05 00 - Basic Mechanical Requirements  
23 05 04 - Electric Wiring  
23 05 13 - Motors

- 23 05 14 -Motor Controllers
- 23 05 30 - Roof Curbs
- 23 05 48 - Vibration Isolation of Mechanical Systems
- 23 05 50 - Wind Restraint for HVAC Systems
- 23 05 53 - Mechanical Identification
- 23 05 93 - Testing, Adjusting and Balancing
- 23 07 10 - Insulation
- 23 20 10 - Piping Systems and Accessories
- 23 31 00 - Sheet Metal and Ductwork Accessories Construction
- 23 33 13 - Fire and Smoke Dampers
- 23 34 00 - Fans
- 23 36 00 - Variable Volume Terminal Units
- 23 37 13 - Registers and Diffusers
- 23 81 26.11 - Ductless Split System Air Conditioner
- 23 81 43 - Packaged Rooftop Heat Pump Unit
- 23 82 39 - Unit Heaters and Cabinet Unit Heaters (Hydronic and Electric)

**Division 26 -- Electrical**

- 26 05 00 - Basic Electrical Requirements
- 26 05 01 - Basic Materials and Methods
- 26 05 26 - Grounding
- 26 05 27 - Grounding and Bonding for Building Structure
- 26 20 00 - Electric Distribution
- 26 27 13 - Electric Service
- 26 32 13 - Power Generation - Generator, Automatic Transfer Switch and Accessories
- 26 50 00 - Lighting
- 26 55 00 - Lighting Controls

**Division 27 -- Communications**

- 27 32 26 - Ring-Down Emergency Telephones

**Division 28 -- Electronic Safety and Security**

- 28 10 00 - Access Control
- 28 31 02 - Analog Addressable Fire Alarm
- 28 31 13 - Emergency Responder Communications Enhancement System (ERCES)

**Division 31 -- Earthwork**

- 31 05 19 - Geosynthetics for Earthwork
- 31 10 00 - Site Clearing
- 31 22 00 - Grading
- 31 23 16 - Excavation
- 31 23 16.13 - Trenching
- 31 23 16.26 - Rock Removal
- 31 23 23 - Fill

31 40 10 - Dewatering

**Division 32 -- Exterior Improvements**

32 12 16 - Asphalt Paving

32 13 13 - Concrete Paving

32 15 29 - Monolithic Concrete Curb and Sidewalk

32 16 23 - Sidewalks

32 17 23 - Pavement Markings

32 17 26 - Tactile Warning Surfacing

32 31 13 - Chain Link Fences and Gates

32 35 00 - Screening Devices

32 91 19 - Landscape Grading

32 93 00 - Plants

**Division 33 -- Utilities**

33 01 10 - Existing Utilities and Structures

33 01 10.58 - Disinfection of Water Utility Piping Systems

33 01 15 - Testing and Inspecting Water Lines

33 01 17 - Testing and Inspection of Gravity Lines

33 04 30 - Drainage Structures

33 05 61 - Concrete Manholes

33 16 16 - Ductile Iron Pipe

33 16 17 - Restraint Systems

33 16 25 - Tapping Sleeves and Valves

33 16 27 - Copper Pipe (Buried) & Necessary Fittings

33 16 28 - Valves, Meters and Appurtenances - Water

33 31 13 - Site Sanitary Sewerage Gravity Piping

33 37 06 - Sanitary Sewer Connections

33 41 00 - Subdrainage

33 42 30 - Stormwater Drains

33 46 16 - High Density Polyethylene Pipe

**END OF SECTION 00 01 10**



# AIA® Document A101® – 2017 Exhibit A

## Insurance and Bonds

This Insurance and Bonds Exhibit is part of the Agreement, between the Owner and the Contractor, dated the    day of    in the year  
(In words, indicate day, month and year.)

for the following **PROJECT**:  
(Name and location or address)

Town of Montgomery Police Station  
106 Bracken Road  
Montgomery, NY  
12549

**THE OWNER:**  
(Name, legal status and address)

Town of Montgomery  
110 Bracken Road  
Montgomery, NY 12549

**THE CONTRACTOR:**  
(Name, legal status and address)

### TABLE OF ARTICLES

#### A.1 GENERAL

#### A.2 OWNER'S INSURANCE

#### A.3 CONTRACTOR'S INSURANCE AND BONDS

#### A.4 SPECIAL TERMS AND CONDITIONS

##### ARTICLE A.1 GENERAL

The Owner and Contractor shall purchase and maintain insurance, and provide bonds, as set forth in this Exhibit. As used in this Exhibit, the term General Conditions refers to AIA Document A201™–2017, General Conditions of the Contract for Construction.

##### ARTICLE A.2 OWNER'S INSURANCE

###### § A.2.1 General

Prior to commencement of the Work, the Owner shall secure the insurance, and provide evidence of the coverage, required under this Article A.2 and, upon the Contractor's request, provide a copy of the property insurance policy or policies required by Section A.2.3. The copy of the policy or policies provided shall contain all applicable conditions, definitions, exclusions, and endorsements.

##### ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This document is intended to be used in conjunction with AIA Document A201®–2017, General Conditions of the Contract for Construction. Article 11 of A201®–2017 contains additional insurance provisions.



## § A.2.2 Liability Insurance

The Owner shall be responsible for purchasing and maintaining the Owner's usual general liability insurance.

## § A.2.3 Required Property Insurance

**§ A.2.3.1** Unless this obligation is placed on the Contractor pursuant to Section A.3.3.2.1, the Owner shall purchase and maintain, from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located, property insurance written on a builder's risk "all-risks" completed value or equivalent policy form and sufficient to cover the total value of the entire Project on a replacement cost basis. The Owner's property insurance coverage shall be no less than the amount of the initial Contract Sum, plus the value of subsequent Modifications and labor performed and materials or equipment supplied by others. The property insurance shall be maintained until Substantial Completion and thereafter as provided in Section A.2.3.1.3, unless otherwise provided in the Contract Documents or otherwise agreed in writing by the parties to this Agreement. This insurance shall include the interests of the Owner, Contractor, Subcontractors, and Sub-subcontractors in the Project as insureds. This insurance shall include the interests of mortgagees as loss payees.

**§ A.2.3.1.1 Causes of Loss.** The insurance required by this Section A.2.3.1 shall provide coverage for direct physical loss or damage, and shall not exclude the risks of fire, explosion, theft, vandalism, malicious mischief, collapse, earthquake, flood, or windstorm. The insurance shall also provide coverage for ensuing loss or resulting damage from error, omission, or deficiency in construction methods, design, specifications, workmanship, or materials. Sub-limits, if any, are as follows:

*(Indicate below the cause of loss and any applicable sub-limit.)*

Causes of Loss	Sub-Limit
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**§ A.2.3.1.2 Specific Required Coverages.** The insurance required by this Section A.2.3.1 shall provide coverage for loss or damage to falsework and other temporary structures, and to building systems from testing and startup. The insurance shall also cover debris removal, including demolition occasioned by enforcement of any applicable legal requirements, and reasonable compensation for the Architect's and Contractor's services and expenses required as a result of such insured loss, including claim preparation expenses. Sub-limits, if any, are as follows:

*(Indicate below type of coverage and any applicable sub-limit for specific required coverages.)*

Coverage	Sub-Limit
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**§ A.2.3.1.3** Unless the parties agree otherwise, upon Substantial Completion, the Owner shall continue the insurance required by Section A.2.3.1 or, if necessary, replace the insurance policy required under Section A.2.3.1 with property insurance written for the total value of the Project that shall remain in effect until expiration of the period for correction of the Work set forth in Section 12.2.2 of the General Conditions.

**§ A.2.3.1.4 Deductibles and Self-Insured Retentions.** If the insurance required by this Section A.2.3 is subject to deductibles or self-insured retentions, the Owner shall be responsible for all loss not covered because of such deductibles or retentions.

**§ A.2.3.2 Occupancy or Use Prior to Substantial Completion.** The Owner's occupancy or use of any completed or partially completed portion of the Work prior to Substantial Completion shall not commence until the insurance company or companies providing the insurance under Section A.2.3.1 have consented in writing to the continuance of coverage. The Owner and the Contractor shall take no action with respect to partial occupancy or use that would cause cancellation, lapse, or reduction of insurance, unless they agree otherwise in writing.

## § A.2.3.3 Insurance for Existing Structures

If the Work involves remodeling an existing structure or constructing an addition to an existing structure, the Owner shall purchase and maintain, until the expiration of the period for correction of Work as set forth in Section 12.2.2 of the General Conditions, "all-risks" property insurance, on a replacement cost basis, protecting the existing structure against direct physical loss or damage from the causes of loss identified in Section A.2.3.1, notwithstanding the undertaking of the Work. The Owner shall be responsible for all co-insurance penalties.

#### § A.2.4 Optional Extended Property Insurance.

The Owner shall purchase and maintain the insurance selected and described below.

*(Select the types of insurance the Owner is required to purchase and maintain by placing an X in the box(es) next to the description(s) of selected insurance. For each type of insurance selected, indicate applicable limits of coverage or other conditions in the fill point below the selected item.)*

- ☐ § **A.2.4.1 Loss of Use, Business Interruption, and Delay in Completion Insurance**, to reimburse the Owner for loss of use of the Owner's property, or the inability to conduct normal operations due to a covered cause of loss.
- ☐ § **A.2.4.2 Ordinance or Law Insurance**, for the reasonable and necessary costs to satisfy the minimum requirements of the enforcement of any law or ordinance regulating the demolition, construction, repair, replacement or use of the Project.
- ☐ § **A.2.4.3 Expediting Cost Insurance**, for the reasonable and necessary costs for the temporary repair of damage to insured property, and to expedite the permanent repair or replacement of the damaged property.
- ☐ § **A.2.4.4 Extra Expense Insurance**, to provide reimbursement of the reasonable and necessary excess costs incurred during the period of restoration or repair of the damaged property that are over and above the total costs that would normally have been incurred during the same period of time had no loss or damage occurred.
- ☐ § **A.2.4.5 Civil Authority Insurance**, for losses or costs arising from an order of a civil authority prohibiting access to the Project, provided such order is the direct result of physical damage covered under the required property insurance.
- ☐ § **A.2.4.6 Ingress/Egress Insurance**, for loss due to the necessary interruption of the insured's business due to physical prevention of ingress to, or egress from, the Project as a direct result of physical damage.
- ☐ § **A.2.4.7 Soft Costs Insurance**, to reimburse the Owner for costs due to the delay of completion of the Work, arising out of physical loss or damage covered by the required property insurance: including construction loan fees; leasing and marketing expenses; additional fees, including those of architects, engineers, consultants, attorneys and accountants, needed for the completion of the construction, repairs, or reconstruction; and carrying costs such as property taxes, building permits, additional interest on loans, realty taxes, and insurance premiums over and above normal expenses.

#### § A.2.5 Other Optional Insurance.

The Owner shall purchase and maintain the insurance selected below.

*(Select the types of insurance the Owner is required to purchase and maintain by placing an X in the box(es) next to the description(s) of selected insurance.)*

- [ ] § A.2.5.1 **Cyber Security Insurance** for loss to the Owner due to data security and privacy breach, including costs of investigating a potential or actual breach of confidential or private information. (Indicate applicable limits of coverage or other conditions in the fill point below.)

- [ ] § A.2.5.2 **Other Insurance**  
(List below any other insurance coverage to be provided by the Owner and any applicable limits.)

**Coverage**

**Limits**

**ARTICLE A.3 CONTRACTOR'S INSURANCE AND BONDS**

**§ A.3.1 General**

**§ A.3.1.1 Certificates of Insurance.** The Contractor shall provide certificates of insurance acceptable to the Owner evidencing compliance with the requirements in this Article A.3 at the following times: (1) prior to commencement of the Work; (2) upon renewal or replacement of each required policy of insurance; and (3) upon the Owner's written request. An additional certificate evidencing continuation of commercial liability coverage, including coverage for completed operations, shall be submitted with the final Application for Payment and thereafter upon renewal or replacement of such coverage until the expiration of the periods required by Section A.3.2.1 and Section A.3.3.1. The certificates will show the Owner as an additional insured on the Contractor's Commercial General Liability and excess or umbrella liability policy or policies.

**§ A.3.1.2 Deductibles and Self-Insured Retentions.** The Contractor shall disclose to the Owner any deductible or self-insured retentions applicable to any insurance required to be provided by the Contractor.

**§ A.3.1.3 Additional Insured Obligations.** To the fullest extent permitted by law, the Contractor shall cause the commercial general liability coverage to include (1) the Owner, the Architect, and the Architect's consultants as additional insureds for claims caused in whole or in part by the Contractor's negligent acts or omissions during the Contractor's operations; and (2) the Owner as an additional insured for claims caused in whole or in part by the Contractor's negligent acts or omissions for which loss occurs during completed operations. The additional insured coverage shall be primary and non-contributory to any of the Owner's general liability insurance policies and shall apply to both ongoing and completed operations. To the extent commercially available, the additional insured coverage shall be no less than that provided by Insurance Services Office, Inc. (ISO) forms CG 20 10 07 04, CG 20 37 07 04, and, with respect to the Architect and the Architect's consultants, CG 20 32 07 04.

**§ A.3.2 Contractor's Required Insurance Coverage**

**§ A.3.2.1** The Contractor shall purchase and maintain the following types and limits of insurance from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located. The Contractor shall maintain the required insurance until the expiration of the period for correction of Work as set forth in Section 12.2.2 of the General Conditions, unless a different duration is stated below:

*(If the Contractor is required to maintain insurance for a duration other than the expiration of the period for correction of Work, state the duration.)*

**§ A.3.2.2 Commercial General Liability**

**§ A.3.2.2.1** Commercial General Liability insurance for the Project written on an occurrence form with policy limits of not less than four million (\$ 4,000,000.00 ) each occurrence, four million (\$ 4,000,000.00 ) general aggregate, and two million (\$ 2,000,000.00 ) aggregate for products-completed operations hazard, providing coverage for claims including

- .1 damages because of bodily injury, sickness or disease, including occupational sickness or disease, and death of any person;
- .2 personal injury and advertising injury;
- .3 damages because of physical damage to or destruction of tangible property, including the loss of use of such property;
- .4 bodily injury or property damage arising out of completed operations; and

.5 the Contractor's indemnity obligations under Section 3.18 of the General Conditions.

**§ A.3.2.2.2** The Contractor's Commercial General Liability policy under this Section A.3.2.2 shall not contain an exclusion or restriction of coverage for the following:

- .1 Claims by one insured against another insured, if the exclusion or restriction is based solely on the fact that the claimant is an insured, and there would otherwise be coverage for the claim.
- .2 Claims for property damage to the Contractor's Work arising out of the products-completed operations hazard where the damaged Work or the Work out of which the damage arises was performed by a Subcontractor.
- .3 Claims for bodily injury other than to employees of the insured.
- .4 Claims for indemnity under Section 3.18 of the General Conditions arising out of injury to employees of the insured.
- .5 Claims or loss excluded under a prior work endorsement or other similar exclusionary language.
- .6 Claims or loss due to physical damage under a prior injury endorsement or similar exclusionary language.
- .7 Claims related to residential, multi-family, or other habitational projects, if the Work is to be performed on such a project.
- .8 Claims related to roofing, if the Work involves roofing.
- .9 Claims related to exterior insulation finish systems (EIFS), synthetic stucco or similar exterior coatings or surfaces, if the Work involves such coatings or surfaces.
- .10 Claims related to earth subsidence or movement, where the Work involves such hazards.
- .11 Claims related to explosion, collapse and underground hazards, where the Work involves such hazards.

**§ A.3.2.3** Automobile Liability covering vehicles owned, and non-owned vehicles used, by the Contractor, with policy limits of not less than four million (\$ 4,000,000.00 ) per accident, for bodily injury, death of any person, and property damage arising out of the ownership, maintenance and use of those motor vehicles along with any other statutorily required automobile coverage.

**§ A.3.2.4** The Contractor may achieve the required limits and coverage for Commercial General Liability and Automobile Liability through a combination of primary and excess or umbrella liability insurance, provided such primary and excess or umbrella insurance policies result in the same or greater coverage as the coverages required under Section A.3.2.2 and A.3.2.3, and in no event shall any excess or umbrella liability insurance provide narrower coverage than the primary policy. The excess policy shall not require the exhaustion of the underlying limits only through the actual payment by the underlying insurers.

**§ A.3.2.5** Workers' Compensation at statutory limits.

**§ A.3.2.6** Employers' Liability with policy limits not less than one million (\$ 1,000,000.00 ) each accident, one million (\$ 1,000,000.00 ) each employee, and two million (\$ 2,000,000.00 ) policy limit.

**§ A.3.2.7** Jones Act, and the Longshore & Harbor Workers' Compensation Act, as required, if the Work involves hazards arising from work on or near navigable waterways, including vessels and docks

**§ A.3.2.8** If the Contractor is required to furnish professional services as part of the Work, the Contractor shall procure Professional Liability insurance covering performance of the professional services, with policy limits of not less than one million (\$ 1,000,000.00 ) per claim and two million (\$ 2,000,000.00 ) in the aggregate.

**§ A.3.2.9** If the Work involves the transport, dissemination, use, or release of pollutants, the Contractor shall procure Pollution Liability insurance, with policy limits of not less than two million (\$ 2,000,000.00 ) per claim and two million (\$ 4,000,000.00 ) in the aggregate.

**§ A.3.2.10** Coverage under Sections A.3.2.8 and A.3.2.9 may be procured through a Combined Professional Liability and Pollution Liability insurance policy, with combined policy limits of not less than two million (\$ 2,000,000.00 ) per claim and four million (\$ 4,000,000.00 ) in the aggregate.

**§ A.3.2.11** Insurance for maritime liability risks associated with the operation of a vessel, if the Work requires such activities, with policy limits of not less than one million (\$ 1,000,000.00 ) per claim and two million (\$ 2,000,000.00 ) in the aggregate.

**§ A.3.2.12** Insurance for the use or operation of manned or unmanned aircraft, if the Work requires such activities, with policy limits of not less than one million (\$ 1,000,000.00 ) per claim and two million (\$ 2,000,000.00 ) in the aggregate.

### **§ A.3.3 Contractor's Other Insurance Coverage**

**§ A.3.3.1** Insurance selected and described in this Section A.3.3 shall be purchased from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located. The Contractor shall maintain the required insurance until the expiration of the period for correction of Work as set forth in Section 12.2.2 of the General Conditions, unless a different duration is stated below:

*(If the Contractor is required to maintain any of the types of insurance selected below for a duration other than the expiration of the period for correction of Work, state the duration.)*

**§ A.3.3.2** The Contractor shall purchase and maintain the following types and limits of insurance in accordance with Section A.3.3.1.

*(Select the types of insurance the Contractor is required to purchase and maintain by placing an X in the box(es) next to the description(s) of selected insurance. Where policy limits are provided, include the policy limit in the appropriate fill point.)*

- ☐ **§ A.3.3.2.1** Property insurance of the same type and scope satisfying the requirements identified in Section A.2.3, which, if selected in this section A.3.3.2.1, relieves the Owner of the responsibility to purchase and maintain such insurance except insurance required by Section A.2.3.1.3 and Section A.2.3.3. The Contractor shall comply with all obligations of the Owner under Section A.2.3 except to the extent provided below. The Contractor shall disclose to the Owner the amount of any deductible, and the Owner shall be responsible for losses within the deductible. Upon request, the Contractor shall provide the Owner with a copy of the property insurance policy or policies required. The Owner shall adjust and settle the loss with the insurer and be the trustee of the proceeds of the property insurance in accordance with Article 11 of the General Conditions unless otherwise set forth below:  
*(Where the Contractor's obligation to provide property insurance differs from the Owner's obligations as described under Section A.2.3, indicate such differences in the space below. Additionally, if a party other than the Owner will be responsible for adjusting and settling a loss with the insurer and acting as the trustee of the proceeds of property insurance in accordance with Article 11 of the General Conditions, indicate the responsible party below.)*

- ☐ **§ A.3.3.2.2 Railroad Protective Liability Insurance**, with policy limits of not less than (\$ ) per claim and (\$ ) in the aggregate, for Work within fifty (50) feet of railroad property.

- ☐ **§ A.3.3.2.3 Asbestos Abatement Liability Insurance**, with policy limits of not less than (\$ ) per claim and (\$ ) in the aggregate, for liability arising from the encapsulation, removal, handling, storage, transportation, and disposal of asbestos-containing materials.

- ☐ **§ A.3.3.2.4** Insurance for physical damage to property while it is in storage and in transit to the construction site on an "all-risks" completed value form.

- ☐ **§ A.3.3.2.5** Property insurance on an "all-risks" completed value form, covering property owned by the Contractor and used on the Project, including scaffolding and other equipment.

- ☐ **§ A.3.3.2.6 Other Insurance**

*(List below any other insurance coverage to be provided by the Contractor and any applicable limits.)*

## Coverage

## Limits

### § A.3.4 Performance Bond and Payment Bond

The Contractor shall provide surety bonds, from a company or companies lawfully authorized to issue surety bonds in the jurisdiction where the Project is located, as follows:

*(Specify type and penal sum of bonds.)*

Type

Penal Sum (\$0.00)

Payment Bond

Performance Bond

Payment and Performance Bonds shall be AIA Document A312™, Payment Bond and Performance Bond, or contain provisions identical to AIA Document A312™, current as of the date of this Agreement.

### ARTICLE A.4 SPECIAL TERMS AND CONDITIONS

Special terms and conditions that modify this Insurance and Bonds Exhibit, if any, are as follows:

# Additions and Deletions Report for AIA® Document A101® – 2017 Exhibit A

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 13:05:55 ET on 05/08/2025.

## PAGE 1

Town of Montgomery Police Station  
106 Bracken Road  
Montgomery, NY  
12549

...

Town of Montgomery  
110 Bracken Road  
Montgomery, NY 12549

## PAGE 4

§ A.3.2.2.1 Commercial General Liability insurance for the Project written on an occurrence form with policy limits of not less than four million (\$ 4,000,000.00 ) each occurrence, four million (\$ 4,000,000.00 ) general aggregate, and two million (\$ 2,000,000.00 ) aggregate for products-completed operations hazard, providing coverage for claims including

## PAGE 5

§ A.3.2.3 Automobile Liability covering vehicles owned, and non-owned vehicles used, by the Contractor, with policy limits of not less than four million (\$ 4,000,000.00 ) per accident, for bodily injury, death of any person, and property damage arising out of the ownership, maintenance and use of those motor vehicles along with any other statutorily required automobile coverage.

...

§ A.3.2.6 Employers' Liability with policy limits not less than one million (\$ 1,000,000.00 ) each accident, one million (\$ 1,000,000.00 ) each employee, and two million (\$ 2,000,000.00 ) policy limit.

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§ A.3.2.8 If the Contractor is required to furnish professional services as part of the Work, the Contractor shall procure Professional Liability insurance covering performance of the professional services, with policy limits of not less than one million (\$ 1,000,000.00 ) per claim and two million (\$ 2,000,000.00 ) in the aggregate.

...

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**PAGE 6**

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...

**§ A.3.2.12** Insurance for the use or operation of manned or unmanned aircraft, if the Work requires such activities, with policy limits of not less than one million (\$ 1,000,000.00 ) per claim and two million (\$ 2,000,000.00 ) in the aggregate.



## **SECTION 07 44 00 FACED PANELS**

### **PART 1 GENERAL**

#### **1.01 SECTION INCLUDES**

- A. Exterior faced panel system.

#### **1.02 REFERENCE STANDARDS**

- A. ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2021a.
- B. ASTM C518 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus; 2021.
- C. ASTM D1621 - Standard Test Method for Compressive Properties of Rigid Cellular Plastics; 2016 (Reapproved 2023).
- D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.
- E. UL 723 - Standard for Test for Surface Burning Characteristics of Building Materials; Current Edition, Including All Revisions.

#### **1.03 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate installation of foundation waterproofing, roofing membrane, windows, doors, and other wall penetrations to ensure air and moisture barrier (AMB) is continuously connected and properly sealed at perimeter and any penetrations through wall to faced panels wall assembly; do not expose to weather conditions for longer than 180 days.

#### **1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Submit manufacturer's data sheets on each product to be used, including:
  - 1. Manufacturer's requirements for related materials to be installed by others.
  - 2. Preparation instructions and recommendations.
  - 3. Storage and handling requirements and recommendations.
  - 4. Installation methods.
- C. Samples: For each finish product specified, provide two complete sets of color samples representing manufacturer's full range of available colors and patterns, including the following:
  - 1. Faced Panels: Two of each type; 12 by 12 inches (305 by 305 mm).
- D. Manufacturer's qualification statement.

#### **1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than five years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of type specified in this section with minimum three years of experience.

#### **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in manufacturer's original packaging and clearly identified.
- B. Store materials under dry and waterproof cover, well ventilated, and elevated above grade on a flat surface.
- C. Protect materials from harmful environmental elements, construction dust, direct sunlight, and other potentially detrimental conditions.

#### **1.07 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

- B. Manufacturer's Warranty: Provide 1-year manufacturer's warranty for faced panels. Complete forms in Owner's name and register with manufacturer.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Solid Faced Panels:
  - 1. TC Clear; Wallguard; <https://tclear.com/>
  - 2. Substitutions: See Section 01 60 00 - Product Requirements.

### **2.02 EXTERIOR FACED PANEL SYSTEM**

- A. Insulating Drainage Panels:
  - 1. Thermadry Insulating Drainage Panels by T. Clear Corporation.
  - 2. Performance: Type 750; 25 PSI,
  - 3. Thickness: 2 inches.
  - 4. R-value: 9.4, tested to ASTM C518.
  - 5. Compressive strength: 2160 PSF, tested to ASTM D1621.
  - 6. Flow rate: 9.5 gallons per minute per foot at 500 PSF.

### **2.03 PERFORMANCE REQUIREMENTS**

- A. Design and size components to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of wall.
- B. Surface Burning Characteristics: Flame spread index (FSI) of 0 to 25 - Class A, and smoke development index (SDI) of 450 or less in accordance with ASTM E84 and UL 723.
- C. Movement: Accommodate movement within system without damage to components or deterioration of seals, movement between system and perimeter components when subject to 100 degrees F (56 degrees C) seasonal temperature cycling; dynamic loading and release of loads; and deflection of structural support framing.
- D. Fabrication: Formed true to shape, accurate in size, square, and free from distortion or defects; pieces of longest practical lengths.

### **2.04 COMPONENTS**

- A. Structural Back-Up Wall: As indicated on drawings.
- B. Corners: Provide faced panel manufacturer's applicable components for inside and outside corner applications in accordance with project requirements.
- C. Ventilation Gaps: Provide faced panel manufacturer's applicable components for ventilation gaps and other necessary openings in accordance with project requirements.

### **2.05 ACCESSORIES**

- A. Clips and Anchors: Provide in accordance with faced panel manufacturer; conceal unless otherwise indicated.
- B. Flashing:
  - 1. Aluminum: ASTM B209/B209M; 20 gauge, 0.032 inch (0.81 mm) thick; anodized finish of color as selected.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine substrate, clean and repair as required to eliminate conditions that would be detrimental to proper installation.
- B. Do not begin until unacceptable conditions have been corrected.
- C. If substrate preparation is responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.02 INSTALLATION**

- A. Install faced panel assembly, supporting components and accessories in accordance with manufacturer's written instructions.

### **3.03 CLEANING**

- A. See Section 01 70 00 - Execution and Closeout Requirements for additional requirements.
- B. Clean faced panels in accordance with manufacturer's maintenance instructions, using cleaning materials and methods acceptable to manufacturer.

### **3.04 PROTECTION**

- A. Protect installed products until Date of Substantial Completion.
- B. Repair damage to adjacent substrates and surfaces.
- C. Touch-up, repair, or replace damaged products before Date of Substantial Completion.

**END OF SECTION 07 44 00**

## **SECTION 08 56 53 SECURITY WINDOWS**

### **PART 1 GENERAL**

#### **1.01 SECTION INCLUDES**

- A. Security transaction windows.

#### **1.02 REFERENCE STANDARDS**

- A. SSPC-Paint 33 - Coal Tar Mastic Coating, Cold-Applied; 2023.
- B. UL 752 - Standard for Bullet-Resisting Equipment; Current Edition, Including All Revisions.

#### **1.03 ADMINISTRATIVE REQUIREMENTS**

#### **1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Manufacturer's published data showing materials, construction details, dimensions of components, and finishes.
- C. Shop Drawings: Drawings prepared specifically for this project, showing plans, elevations, sections, details of construction, anchorage to other work, hardware, and glazing.
  - 1. For new work show required opening dimensions and allowance for field deviation.
- D. Test Reports: Test reports for specific window model and glazing to be furnished, showing compliance with specified requirements; window and glazing may be tested separately, provided window test sample adequately simulates the glazing to be used.
  - 1. Include testing agency qualifications.

#### **1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Firm with at least 5 years experience in the manufacture of windows of the type specified and able to provide test reports showing that their standard manufactured products meet the specified requirements; custom designed products not acceptable.
- B. Testing Agency Qualifications: Independent testing agency able to show experience in conducting tests of the type specified.

#### **1.06 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.
- B. Provide manufacturer's warranty agreeing to repair or replace windows and window components that fail within three years after Date of Substantial Completion due to, but not limited to, the following:
  - 1. Structural failure, failure of welds, and deterioration of metals and finishes beyond that expected under detention use and normal weathering.
  - 2. Failure of glazing due to excessive deflection of supporting members under wind load.

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURERS**

- A. Security Transaction Windows:
  - 1. Quikserv; Quikserv Model T1 - 3636S: [www.quikserv.com/#sle](http://www.quikserv.com/#sle).
  - 2. Pass Thru Window, bullet resistant pass, service and teller window unit & package receiver unit
    - a. Rough Opening: 36-3/8 inches (w) x 36-3/8 inches (h).
    - b. Glazing: Level 1 Bullet Resistant.
    - c. Finish: Clear.
  - 3. Substitutions: See Section 01 60 00 - Product Requirements.

## **2.02 ASSEMBLIES**

- A. Security and Detention Windows:
  - 1. Dimensions, profiles, features, and performance specified and indicated on drawings are required; do not deviate unless specifically approved by Architect under substitution procedures; see Section 01 60 00.
  - 2. Design to fit openings indicated on drawings; design to accommodate deviation of actual construction from dimensions indicated on drawings.
  - 3. Fabricate frames and sash with corners mitered or coped full depth with concealed welded joints.
  - 4. Design anchorages to provide performance equivalent to that required for window unit; provide anchorages at least equivalent to those by which the tested units were anchored to the test frame.
  - 5. Separate dissimilar metals to prevent corrosion by galvanic action by painting contact surfaces with primer or with sealant or tape recommended by manufacturer for the purpose.
  - 6. Weld components before finishing and in concealed locations, to greatest extent possible; minimize distortion and discoloration of finish; remove residue of welding; grind exposed welds smooth and finish to match.
  - 7. Label units to indicate which side is which, such as inside/outside or secure/non-secure; use labels that are removable after installation but durable enough not to be lost during delivery, storage, handling, and installation.

## **2.03 SECURITY TRANSACTION WINDOWS**

- A. Security Transaction Windows:
  - 1. Location: Built within interior wall, as indicated on drawings.
  - 2. Type of Use: As indicated on drawings.
  - 3. Ballistic Resistance: Tested to meet UL 752, Level 3.
  - 4. Window Type: Sliding, single horizontal.
    - a. Mounting: Flush with the wall surface.
    - b. Window Size: As indicated on drawings.
    - c. Size of Counter Space: Manufacturer's standard size.
    - d. Material: Stainless steel.
  - 5. Glazing: Single (monolithic), clear, and ballistic resistant.

## **2.04 ASSEMBLY COMPONENTS**

- A. Frame Anchors: Mild steel plates, shapes, or bars, concealed in completed construction; provide anchorage devices as necessary to securely fasten windows to adjacent construction; use security fasteners for exposed anchors.
  - 1. Provide minimum of two anchors per side of window plus one additional anchor for each 18 inches (457 mm) or fraction thereof more than 36 inches (915 mm) in height or width.
- B. Glazing Seals: Factory installed; molded EPDM or neoprene compressible gaskets and compression strips.
- C. Bituminous Paint: Cold-applied asbestos-free asphalt mastic, complying with SSPC-Paint 33; 30 mils, 0.030 inch (0.76 mm) minimum thickness per coat.

## **2.05 FINISHES**

- A. Polished Stainless Steel Finish:
  - 1. Polished as specified, without tool or die marks, stretch lines, or scratches, with grain running in long dimension of each piece.
  - 2. Passivated, rinsed, and chemically clean.

## **PART 3 EXECUTION**

### **3.01 INSTALLATION**

- A. Install in accordance with manufacturer's instructions and drawing details.

- B. Install windows in correct orientation (inside/outside or secure/non-secure).
- C. Anchor windows securely in manner so as to achieve performance specified.
- D. Separate metal members from concrete and masonry using bituminous paint.
- E. Set sill members and sill flashing in continuous bead of sealant.

### **3.02 ADJUSTING**

- A. Adjust operating components for smooth operation while also providing tight fit at contact points and a secure enclosure; lubricate operating hardware.

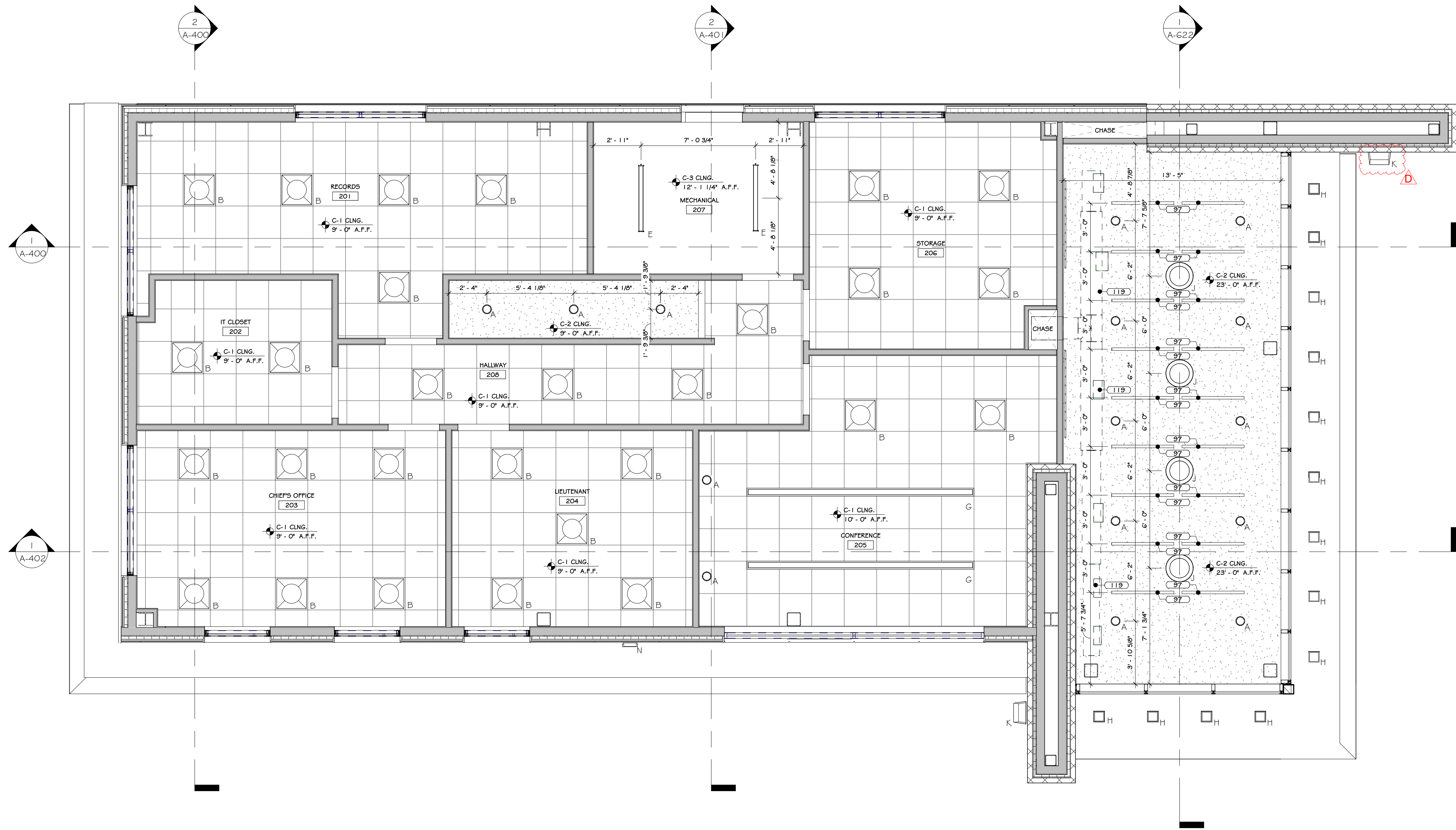
### **3.03 CLEANING**

- A. Clean exposed surfaces promptly after installation without damaging finishes.
- B. Remove and replace defective work.

**END OF SECTION 08 56 53**







1 SECOND FLOOR RCP  
1/4" = 1'-0"

### CONSTRUCTION NOTES

1. EXTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP TO BE PROVIDED AT ALL EGRESS DOORS.
2. SEE ELEC. DWGS. FOR DATA VOICE OUTLET LAYOUT & FULL LIGHTING SPECS.
3. ALL LAMPS TO BE 4000 KELVIN RANGE.
4. ADEQUATE NUMBER OF FIXTURES WITH EMERGENCY BALLASTS TO BE PROVIDED (1) F.C. IN ALL AREAS. - SEE ELEC. DWGS.
5. ALL EXPOSED STRUCTURAL ELEMENTS (METAL DECK AND OPEN WEB JOISTS) TO BE FRAMED AND PAINTED. SEE FINISH SCHEDULE.
6. LIGHTS AT RATED GYPSUM BOARD CEILINGS TO BE SURFACE MOUNTED.
7. INTERNAL ROOF LEADER W/ CLEAN OUT. SEE PLUMBING DRAWINGS & SPECIFICATIONS.

### KEY NOTES

- 97 HANGING ACoustICAL PANEL - SEE SPECS.  
119 DUCTWORK - SEE SPECS.

### CEILING FINISH SCHEDULE

MARK	SYMBOL	NAME	COLOR & MATERIAL SPECS	SPECIFICATIONS	MANUFACTURER
C-1		2' x 2' ACT SYSTEM PR	SEE SPECS.	24"x24"x3/4" BEVELED TEGULAR LAY-IN W/ FIDUCIAL 5/8"x2" HEAVY DUTY GRID	SEE SPECS.
C-2		GYPSUM WALL BOARD	GWB	PAINTED	SEE SPECS.
C-3		EXPOSED CEILING	SEE SPECS.	PAINTED	SEE SPECS.

### SECOND FLOOR LIGHTING SCHEDULE

NOTE: ELECTRICAL DRAWINGS SHALL SUPERSEDE THIS SCHEDULE AND INFORMATION FOUND ON LIGHTING ON THIS SHEET

SYMBOL	LABEL	QUANTITY	ARRANGEMENT	DESCRIPTION	MANUF.	MOUNTING HEIGHT (NO DATA WIN CEILING)
	A	6	SINGLE	6" DIA. LED RECESSED DOWNLIGHT WITH LENS	SEE ELEC. DWGS.	9'-0"
	B	26	-	ANTI-LIGATURE	SEE ELEC. DWGS.	9'-0"
	C	2	-	4" x 40" LINEAR SUSPENDED LED	SEE ELEC. DWGS.	9'-0"
	G	2	-	4" WIDE SLOT LIGHT LED LINEAR CLG. RECESSED	SEE ELEC. DWGS.	9'-0"
	H	13	-	6" SQUARE LED, CLG. MOUNTED	SEE ELEC. DWGS.	VARIES
	J	4	-	Acrylic Brands Lighting	VARIES	VARIES
	K	2	-	GEOMETRIC WALL SCONCES (GST) INDUSTRIAL & SPORTS	SEE ELEC. DWGS.	VARIES
	N	1	-	EXTERIOR BUILDING MOUNTED LIGHT	SEE ELEC. DWGS.	VARIES

### REVISIONS:

NUM.	DATE	DESCRIPTION
D	05/03/25	ADDENDUM G

### 100% BID DOCUMENTS

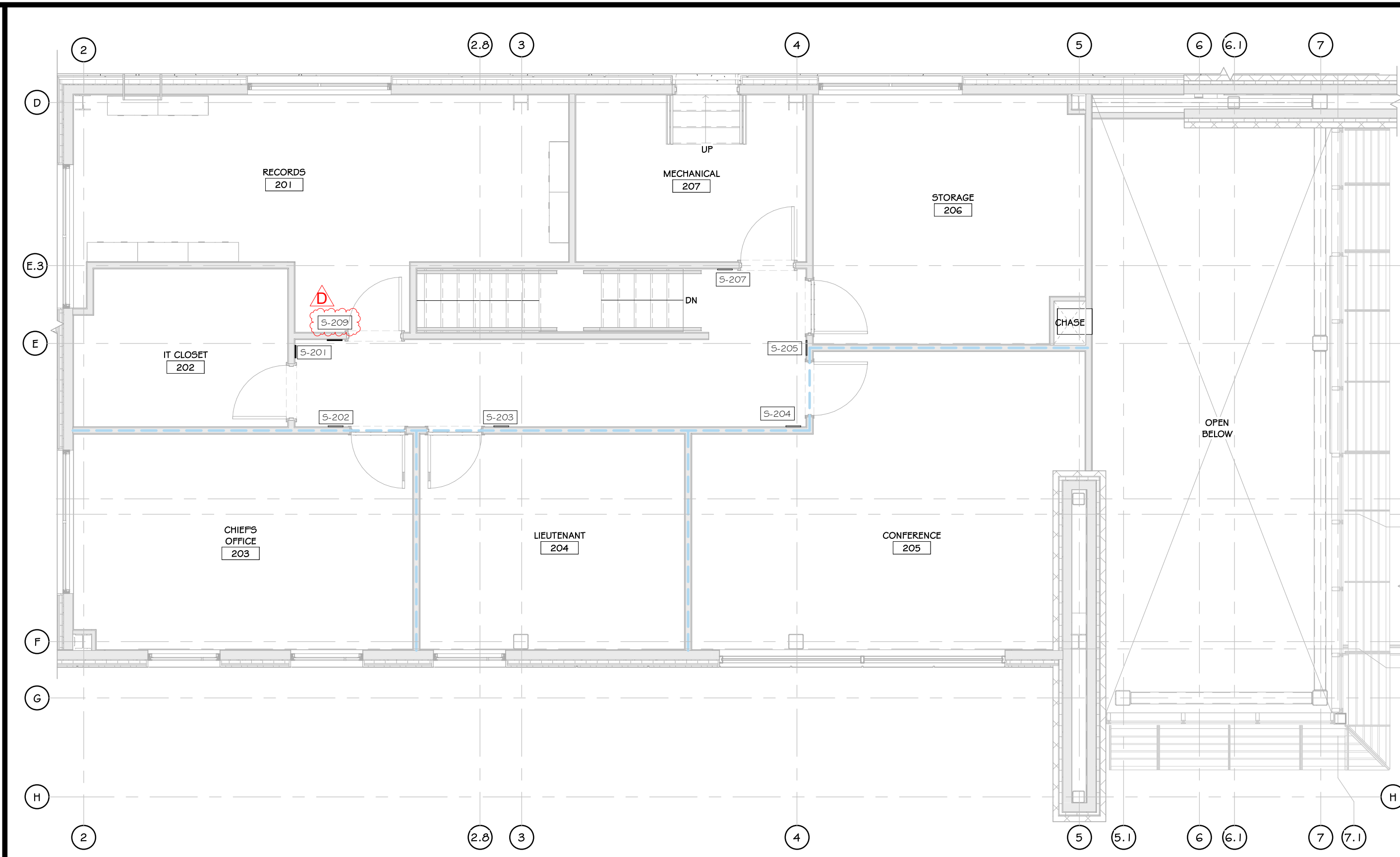
25 WALLKILL AVE • MONTGOMERY • NY 12549  
O. 845.294.2724 | F. 888.305.6442  
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CONTACT@ADGARCHITECT.COM  
ARCHITECTURE • PLANNING • INTERIORS

Project: TOWN OF MONTGOMERY POLICE STATION  
106 BRACKEN ROAD  
MONTGOMERY, NEW YORK 12549

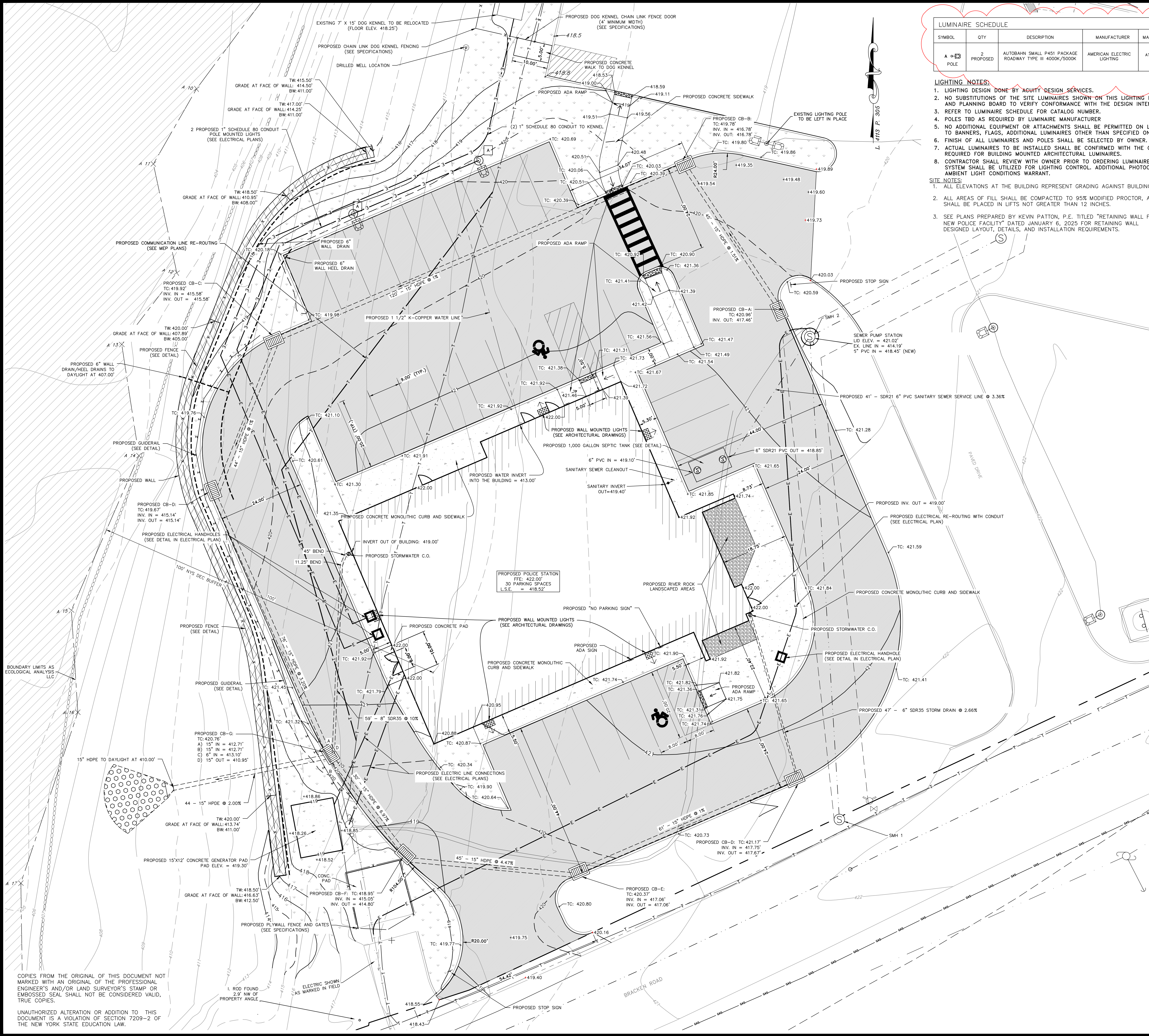
Drawing: SECOND FLOOR RCP

Project: 23138 Date: 02/24/25  
Drawn: IDEA Scale: AS NOTED  
Drawing Number:  
**A-205**  
Exp. 02/28/2026



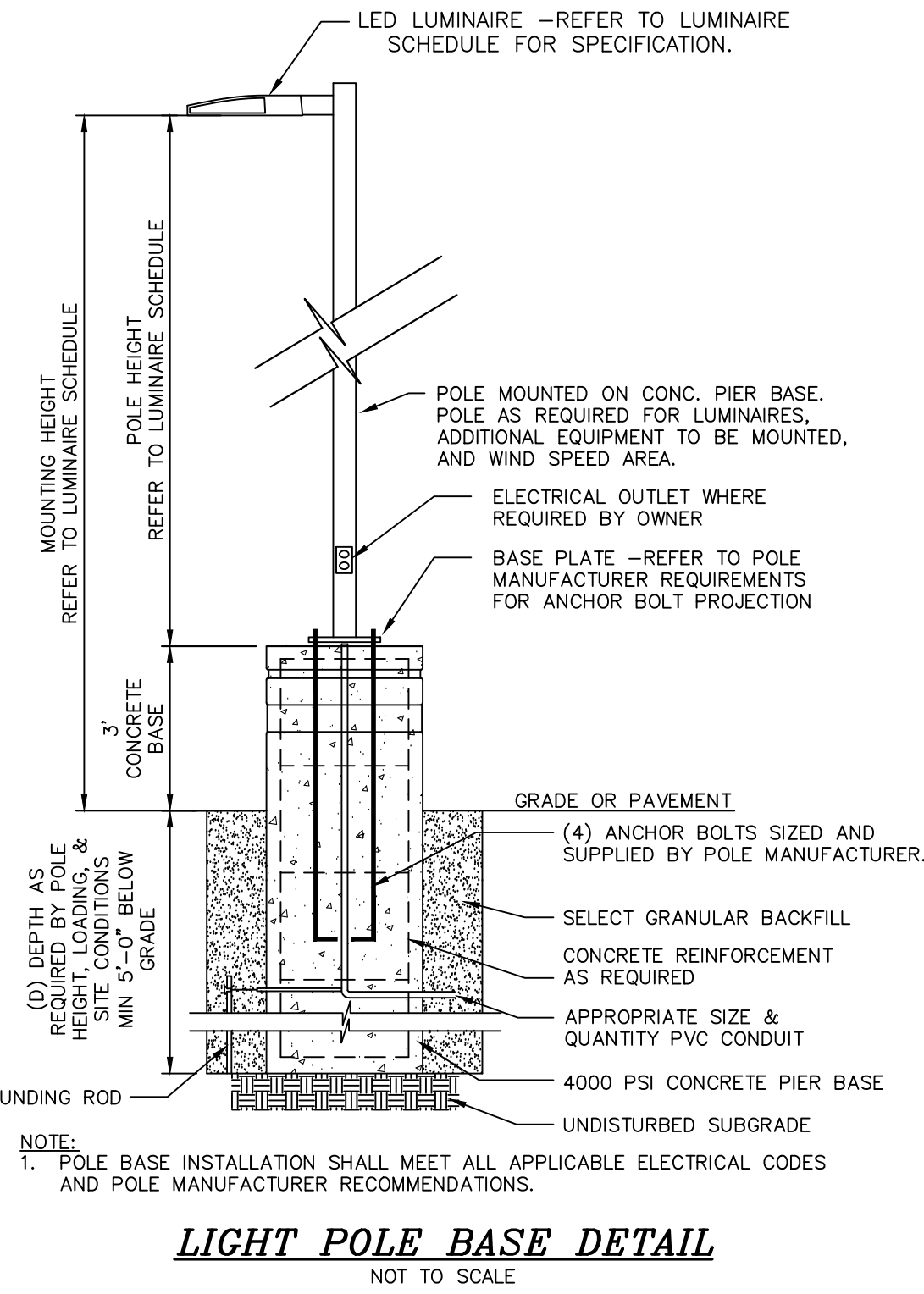






LUMINAIRE SCHEDULE										
SYMBOL	QTY	DESCRIPTION	MANUFACTURER	MANUFACTURER NO.	MOUNTING HEIGHT	LAMP OUTPUT	LLF	TOTAL OUTPUT	INPUT POWER	DISTRIBUTION
A  POLE	2	AUTOBAHN SMALL P451 PACKAGE ROADWAY TYPE III 4000K/5000K	AMERICAN ELECTRIC LIGHTING	ATBO P451 R3 4K	20'	16,639	0.96	16,639	105	TYPE III, SHORT, BUG RATING: B2-U0-G3

- LIGHTING NOTES:**
1. LIGHTING DESIGN DONE BY AGUITY DESIGN SERVICES.
  2. NO SUBSTITUTIONS OF THE SITE LUMINAIRES SHOWN ON THIS LIGHTING PLAN SHALL BE PERMITTED WITHOUT REVIEW AND AUTHORIZATION FROM BOTH THE DESIGN ENGINEER AND PLANNING BOARD TO VERIFY CONFORMANCE WITH THE DESIGN INTENT.
  3. REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER.
  4. POLES TBD AS REQUIRED BY LUMINAIRE MANUFACTURER.
  5. NO ADDITIONAL EQUIPMENT OR ATTACHMENTS SHALL BE PERMITTED ON LIGHT POLES WITHOUT APPROVAL OF DESIGN ENGINEER. EQUIPMENT INCLUDES BUT IS NOT LIMITED TO BANNERS, FLAGS, ADDITIONAL LUMINAIRES OTHER THAN SPECIFIED ON THIS PLAN, AND SECURITY CAMERAS.
  6. FINISH OF ALL LUMINAIRES AND POLES SHALL BE SELECTED BY OWNER.
  7. ACTUAL LUMINAIRES TO BE INSTALLED SHALL BE CONFIRMED WITH THE OWNER AND ARCHITECT AT THE TIME OF CONSTRUCTION. NO LIGHTING PLAN RECALCULATIONS ARE REQUIRED FOR BUILDING MOUNTED ARCHITECTURAL LUMINAIRES.
  8. CONTRACTOR SHALL REVIEW WITH OWNER PRIOR TO ORDERING LUMINAIRES TO DETERMINE IF PHOTOCELL LIGHTING CONTROL IS DESIRED. AT A MINIMUM A TIMECLOCK SYSTEM SHALL BE UTILIZED FOR LIGHTING CONTROL. ADDITIONAL PHOTOCELL LIGHTING CONTROL IS RECOMMENDED TO ENSURE LUMINAIRES ARE ONLY ILLUMINATED AS AMBIENT LIGHT CONDITIONS WARRANT.
- SITE NOTES:**
1. ALL ELEVATIONS AT THE BUILDING REPRESENT GRADING AGAINST BUILDING.
  2. ALL AREAS OF FILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR, AND SHALL BE PLACED IN LIFTS NOT GREATER THAN 12 INCHES.
  3. SEE PLANS PREPARED BY KEVIN PATTON, P.E. TITLED "RETAINING WALL FOR NEW POLICE FACILITY" DATED JANUARY 6, 2025 FOR RETAINING WALL DESIGNED LAYOUT, DETAILS, AND INSTALLATION REQUIREMENTS.



**Autobahn Series ATBO**  
Roadway Lighting

**PRODUCT OVERVIEW**

**Features:**

- OPTICAL**

The Autobahn's new modulated silicone optics provide exceptional performance. Silicone optics are superior to other polymer materials in the areas of optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of the details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LEDs allow the Autobahn to take full advantage of both technologies.

Same Light Performance is comparable to 100,000 HPS roadway luminaires.

White Light: Comand color temperature - 4000K, or optional 2700K, 3000K, or 5000K, all 70 CRI minimums.

Unique Photo-cell LED light engine: provides 0% light and 100% light to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type I, II, IV, and V roadway distributions.
- ELECTRICAL**

Expected life: LED light engines are rated >100,000 hours at 25°C, L70. Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected 40-40% over comparable HPS luminaires.

Robust Surge Protection: Two different surge protection options provide a minimum of ANSI C136.2 10kV/10kA protection. 20kV/10kA protection is also available.

Luminaire ships with a 0.10x diameter driver. Luminaire is continuous and step dimming capable via 0-10V option or controls installed on P7 photocell receptacle option.
- MECHANICAL**

Includes standard AEL thermally friendly features such as tool free entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easily leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rugged 1/2" deep pre-drilled and painted grommets provide a finish that achieves a surface coverage rating of 7 per ASTM D3954 after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

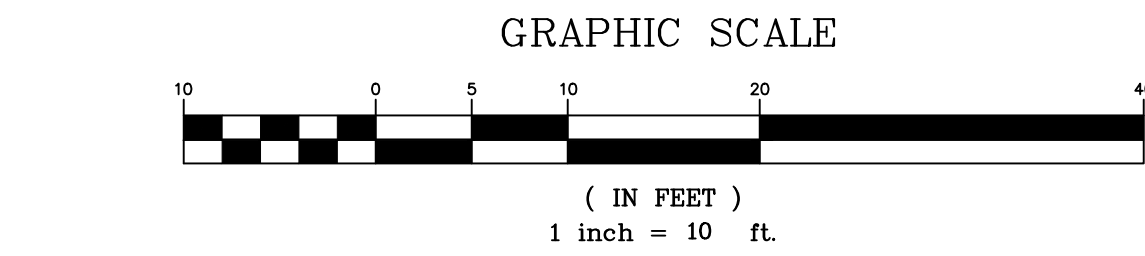
Heat management is optimized for ambient from 14°F to 121°F to 3-3/8" O.D. diameter. Provides a 35 vibration rating per ANSI C136.31.

Wildlife shield is cast into the housing (not a separate piece).
- CONTROLS**

NEMA 7 pin photocell receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.

Premium solid state locking style photocell - PCSI (10 year rated life) Extreme long life solid state locking style photocell - PCSI (10 year rated life).

Optional onboard Adjustable Output module allows the light output and input voltage to be modified to meet site specific requirements, and also can allow a single luminaire to be flexibly applied in many different applications.



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**GRADING, UTILITY, AND LIGHTING PLAN**  
PREPARED FOR

**NEW POLICE FACILITY**  
(TOWN OF MONTGOMERY)

TOWN OF MONTGOMERY  
ORANGE COUNTY, NEW YORK

**Drawn By:** PLS  
**Checked By:**  
**Scale:** 1" = 10'  
**Tax Map No.:** 30-1-87  
**Drawing No.:** A- 18 - 2309 - 01

**Date:** MARCH 6, 2024  
**Revision:**

- MARCH 28, 2024
- JUNE 18, 2024
- AUGUST 15, 2024
- OCTOBER 24, 2024
- DECEMBER 3, 2024
- DECEMBER 23, 2024
- JANUARY 14, 2025
- APRIL 11, 2025
- APRIL 25, 2025
- MAY 9, 2025

**Drawn By:** PLS  
**Checked By:**  
**Scale:** 1" = 10'  
**Tax Map No.:** 30-1-87  
**Drawing No.:** A- 18 - 2309 - 01





## PROJECT

### TYPICAL DETAILS

### STONE STRONG SYSTEMS

PROJECT

TYPICAL DETAILS  
STONE STRONG SYSTEMS



## PROJECT

### TYPICAL DETAILS STONE STRONG SYSTEMS



PROJECT  
TYPICAL DETAILS  
STONE STRONG SYSTEMS



PROJECT

TYPICAL DETAILS  
STONE STRONG SYSTEMS

DATE: 10/10/07 FILE: 00\_T-SS-SS

SLIP JOINT DETAIL  
NOT TO SCALE

PROJECT	
TYPICAL DETAILS STONE STRONG SYSTEMS	
DATE: 4/10/03	FILE: ST-STRONG



PROJECT	TYPICAL DETAILS STONE STRONG SYSTEMS	
DATE: 11/10/03	FILE: 00_04_1106101.dwg	



PROJECT  
TYPICAL DETAILS  
STONE STRONG SYSTEMS  
DATE: 4/10/03 FILE: 33\_6\_44 Stone Strong

**Top View**

24" watertight, hot-dip cast iron frame & cover over all roof openings  
24" ID filters as needed

4" Pipe connections are standard; larger openings available on request.

4" Inlet

8" (9" for 3,000 & up)

4" Outlet

4" Septic Flow Valve

4"x24" vent

4"x24" slot

Joint on 3000 & larger

6" walls

6" H

A

B

C

D

LL

PVC Tee baffles on inlet & outlet by others.

5-1/2" for 1,000, 1,250 & 1,500 tanks

**Side View**

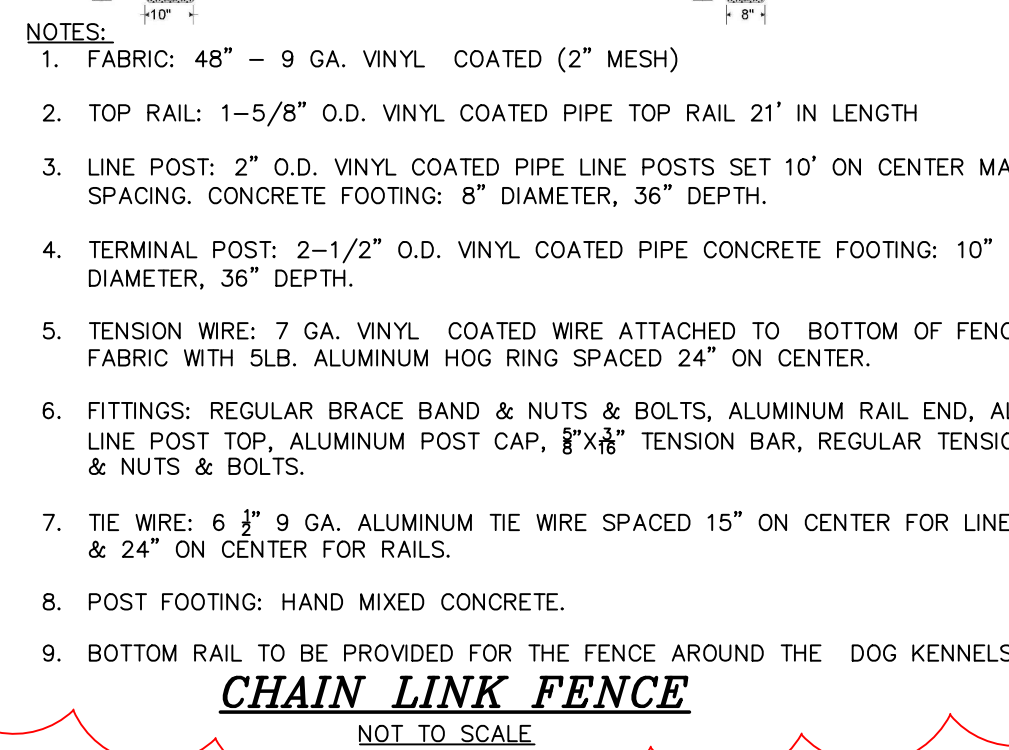
Minimum 4" layer of leveled

Page 4A 7/28/20

PROJECT	MISC. APPLICATIONS STONE STRONG SYSTEMS
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PROJECT	MISC. APPLICATIONS STONE STRONG SYSTEMS
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WOOD GUIDE RAIL



SAFE DIGGING STARTS HERE

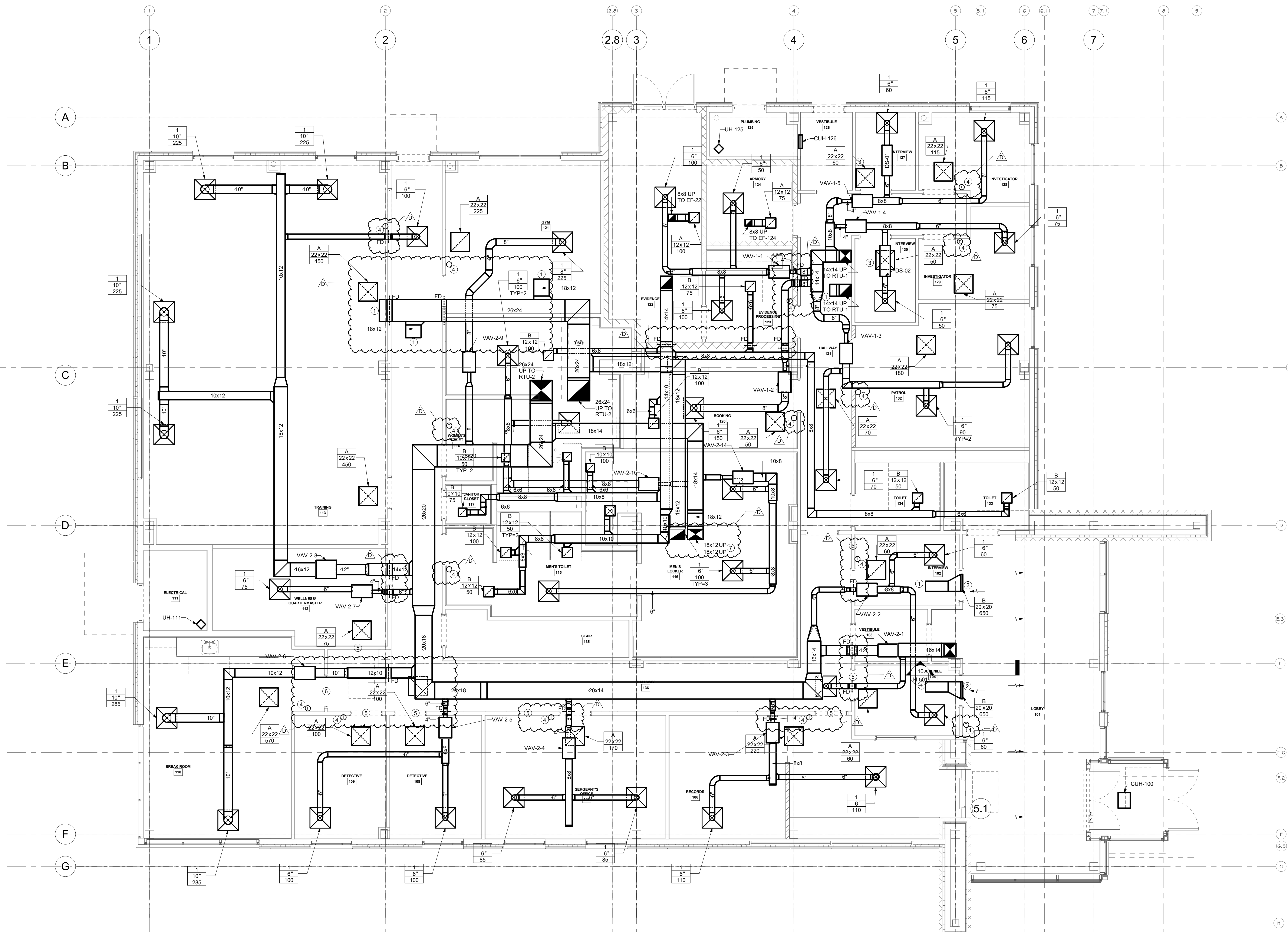
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182309-CONST. DET.	
Layout:	CONST DET 2
Sheet No.:	6 OF
Revision No.:	

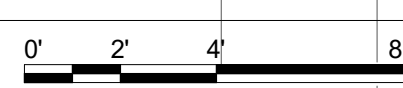
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PDLS		NTS	30 - 1 -



- H-101 DRAWING...** (X)
- 1 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.
  - 2 RETURN GRILLE TO BE CENTERED ON DOOR FRAME. MOUNT AS HIGH AS POSSIBLE WHILE KEEPING ASSOCIATED DUCTWORK IN FIRST FLOOR CEILING SPACE.
  - 3 PROVIDE PRICE RETURN AIR SILENCER (RAS) AT RETURN GRILLE. SIZE OF RAS TO MATCH RETURN GRILLE SIZE.
  - 4 PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT.
  - 5 PROVIDE 10x10 OPENING THROUGH WALL ABOVE CEILING WITH FIRE DAMPER.
  - 6 PROVIDE 16x10 OPENING THROUGH WALL ABOVE CEILING WITH FIRE DAMPER.
  - 7 PROVIDE FIRE DAMPER AT FLOOR PENETRATION



1 FIRST FLOOR PLAN - HVAC  
1/4" = 1'-0"



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NUM.	DATE	DESCRIPTION
B	04/25/25	ADDENDUM 3
C	05/02/25	ADDENDUM 4
D	05/09/25	ADDENDUM 6

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**KEY PLAN**

WORK AREA

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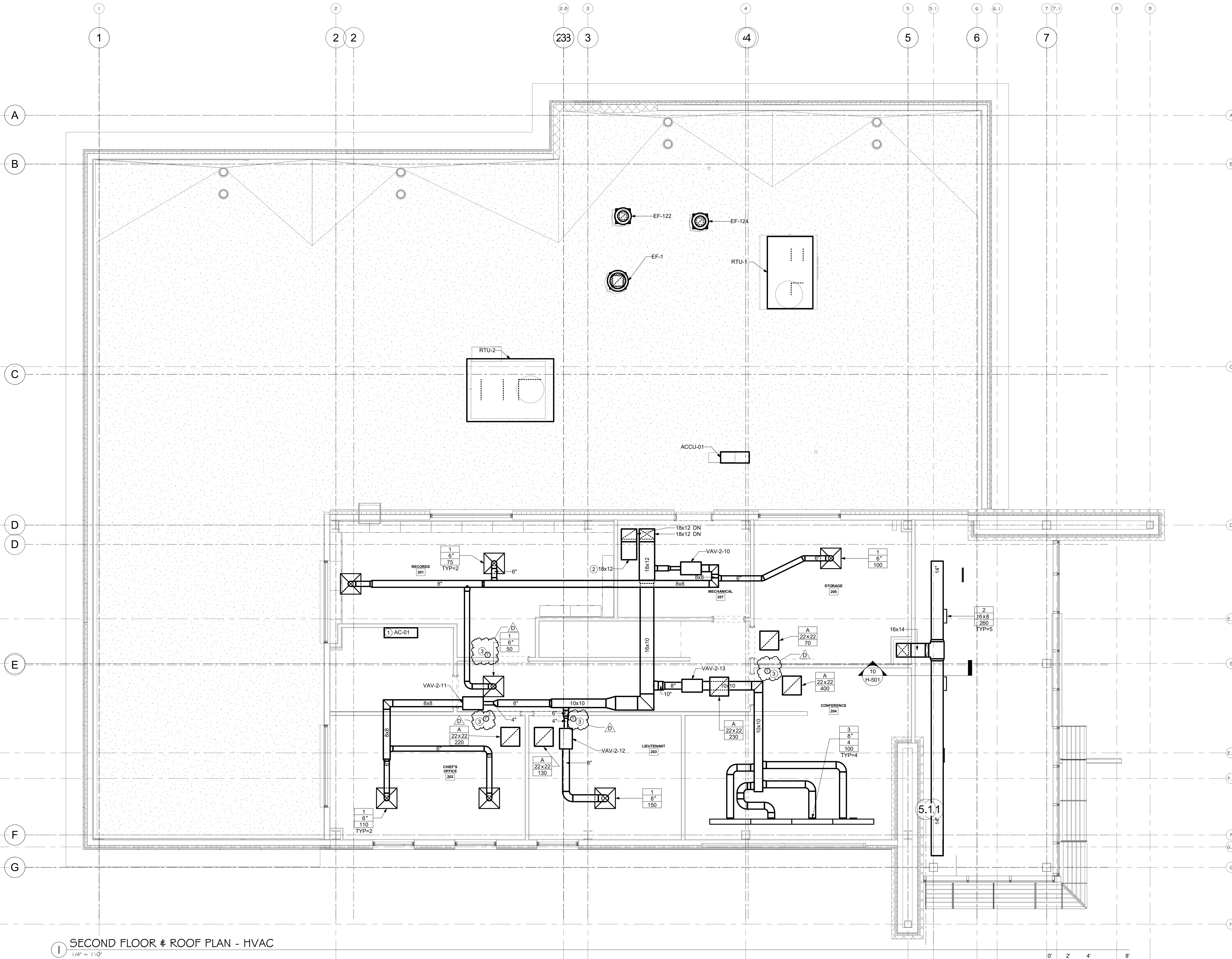
Drawing: FIRST FLOOR PLAN - HVAC

Project: 23138 Date: 2/24/25  
Drawn: JDH Scale: AS NOTED  
Drawing Number:

**H-101**

# H-102 DRAWING...

- 1 PROVIDE WALL MOUNTED MINISPLIT ROUGH-IN BOX MODEL RBX3-MD-NC OR EQUIVALENT. INSTALL ALL DRAIN LINES, LINE SETS, AND ELECTRICAL THROUGH ROUGH IN BOX PER MANUFACTURER INSTALLATION INSTRUCTIONS.
- 2 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.
- 3 PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT.



SECOND FLOOR & ROOF PLAN - HVAC

1/4" = 1'-0"

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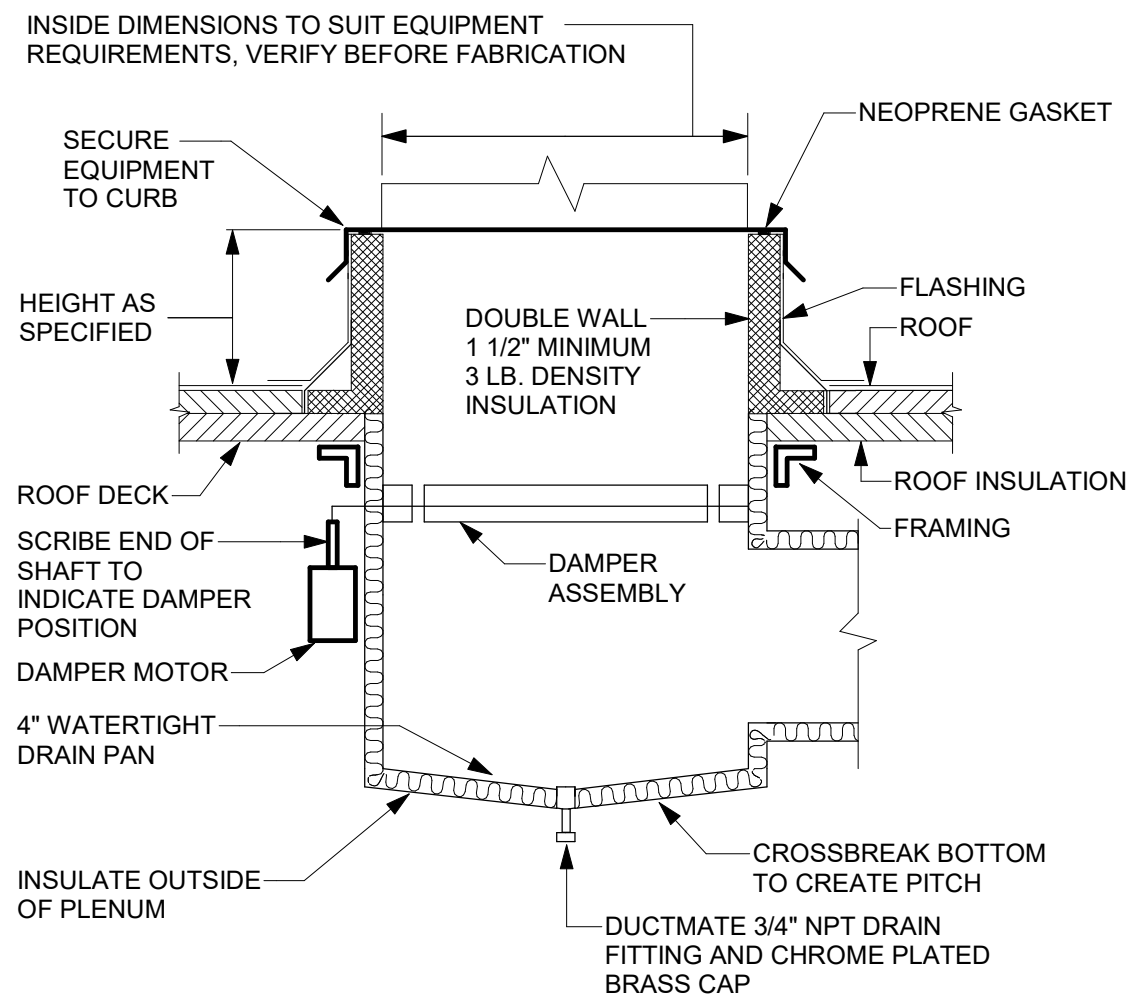
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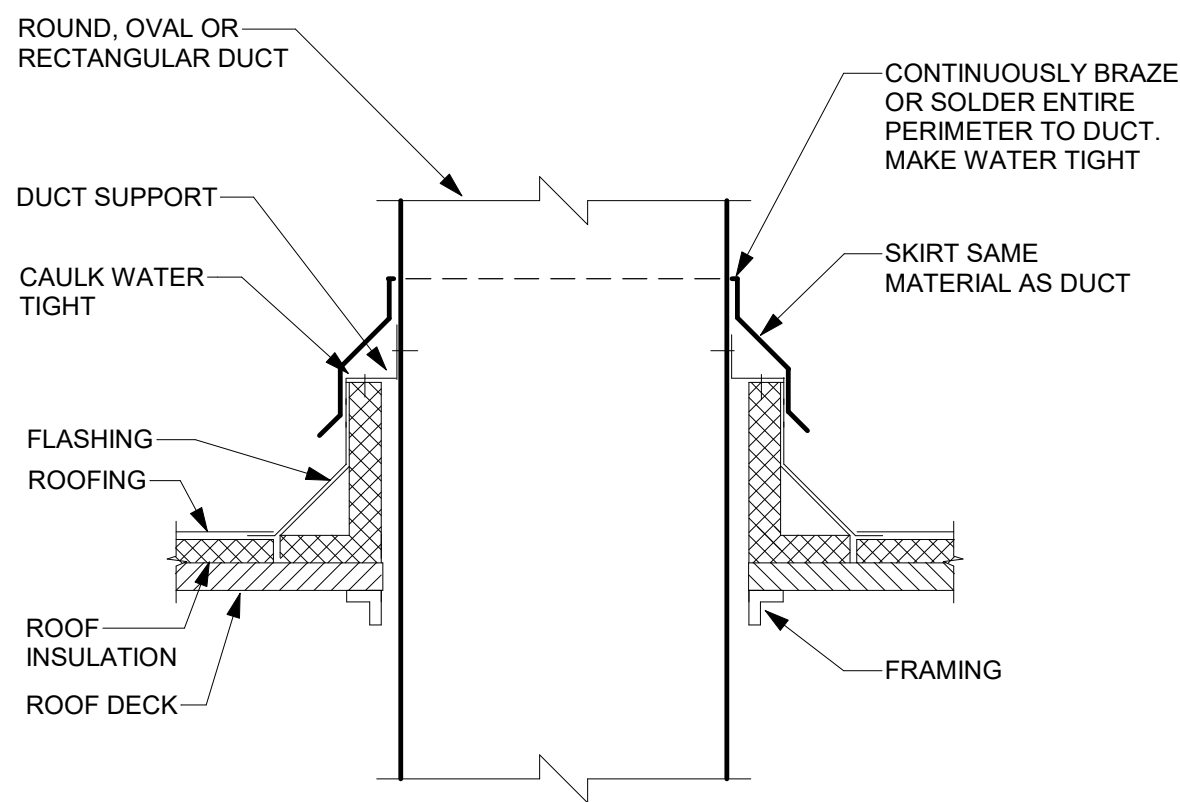
Drawing: SECOND FLOOR & ROOF PLAN - HVAC

Project: 23138 Date: 2/24/25  
Drawn: JDH Scale: AS NOTED  
Drawing Number:  
**H-102**

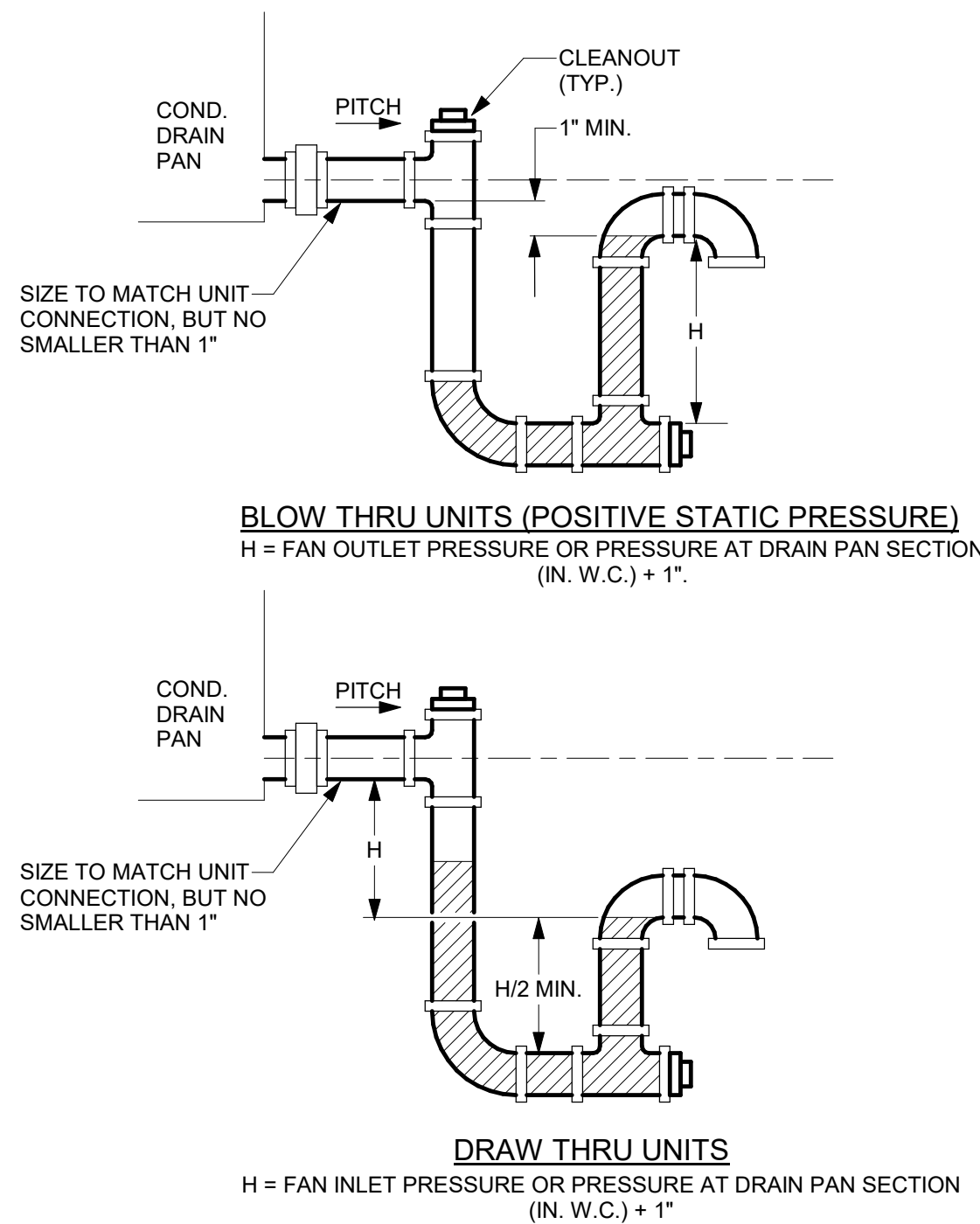




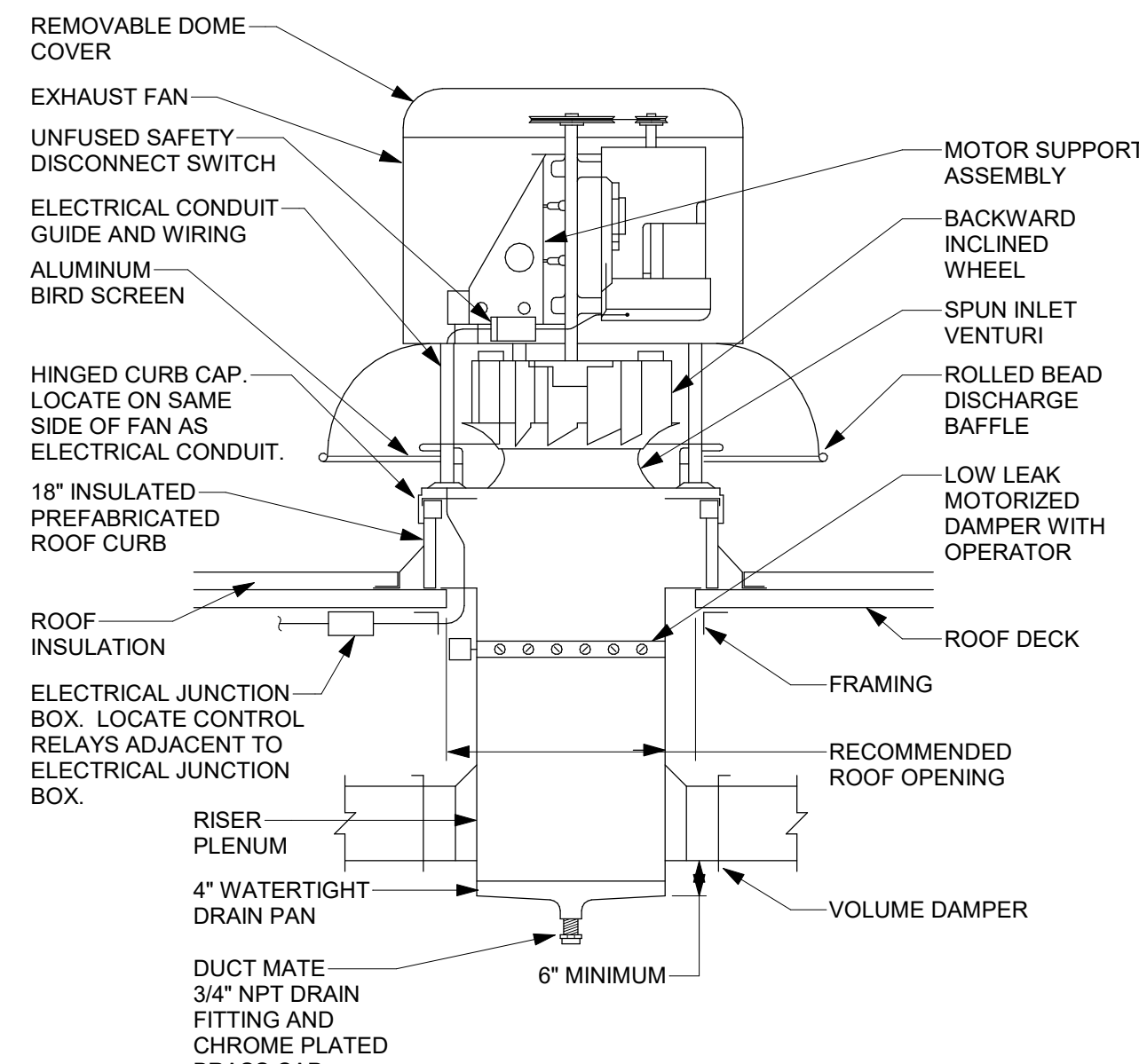
- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
  - LOCATE, SET AND SECURE CURB.
  - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
  - LOCATE, SET AND SECURE CURB.
  - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- AS AN ALTERNATE, IT IS ACCEPTABLE TO PIPE THE TRAP EXACTLY AS SHOWN IN THE MANUFACTURER'S INSTALLATION MANUAL.



- DETAIL NOTES:
- BELT DRIVEN FAN SHOWN, DIRECT DRIVE SIMILAR.
  - REFER TO ROOF CURB DETAIL.
  - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

#### 1 ROOF CURB DETAIL

NOT TO SCALE

#### 2 DUCT PENETRATION CURB DETAIL

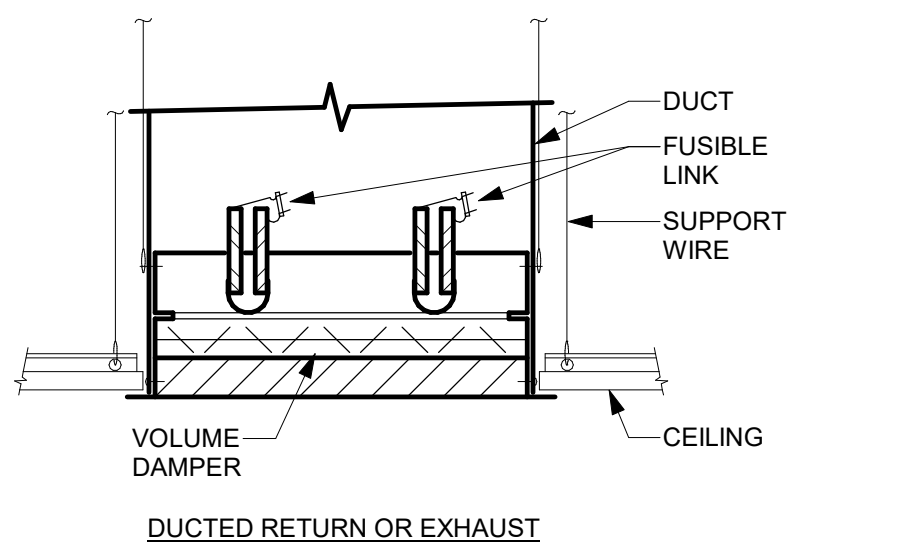
NOT TO SCALE

#### 3 ROOFTOP UNIT CONDENSATE DRAIN TRAP DETAIL

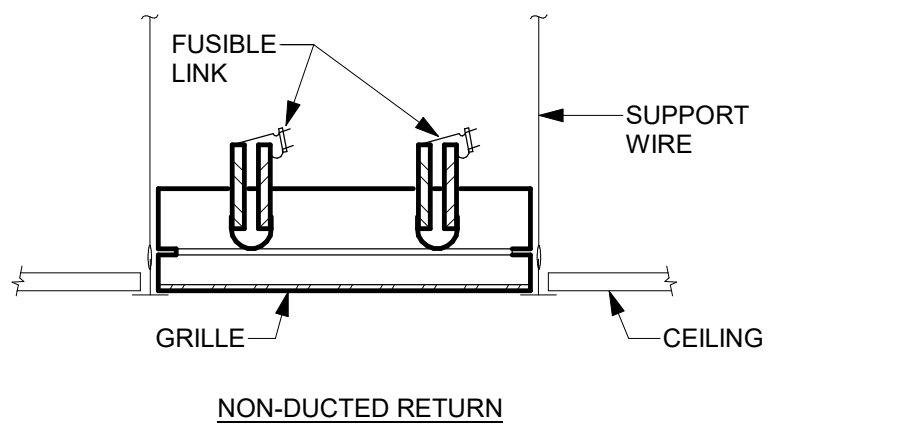
NOT TO SCALE

#### 4 DOWNBLAST EXHAUST FAN DETAIL

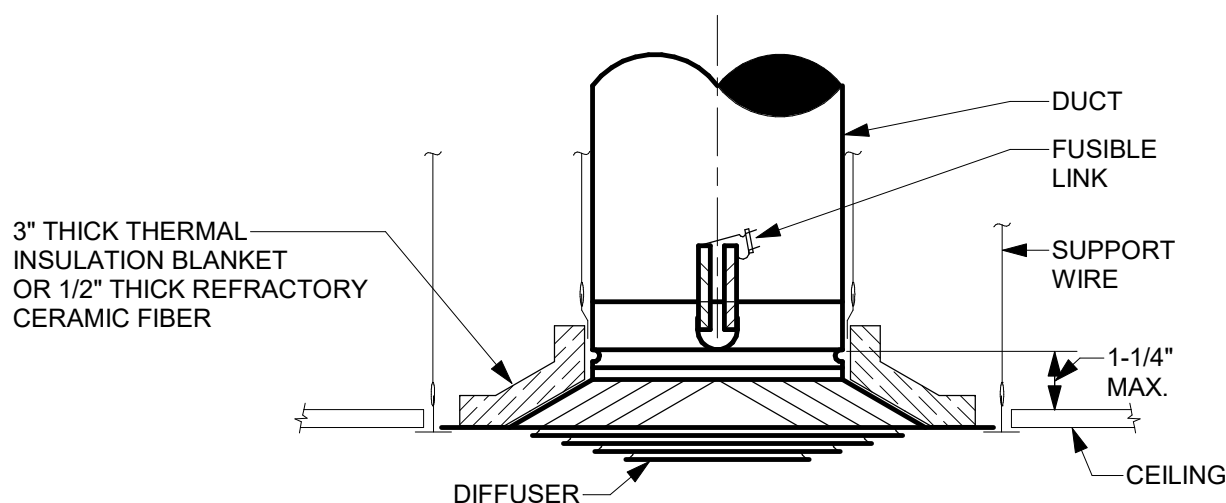
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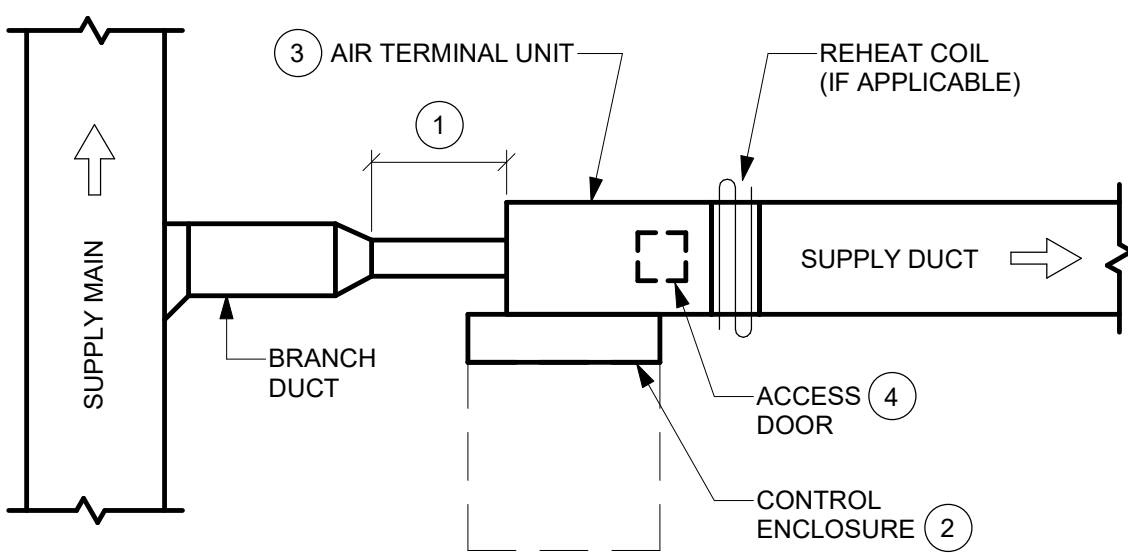
DUCTED RETURN OR EXHAUST



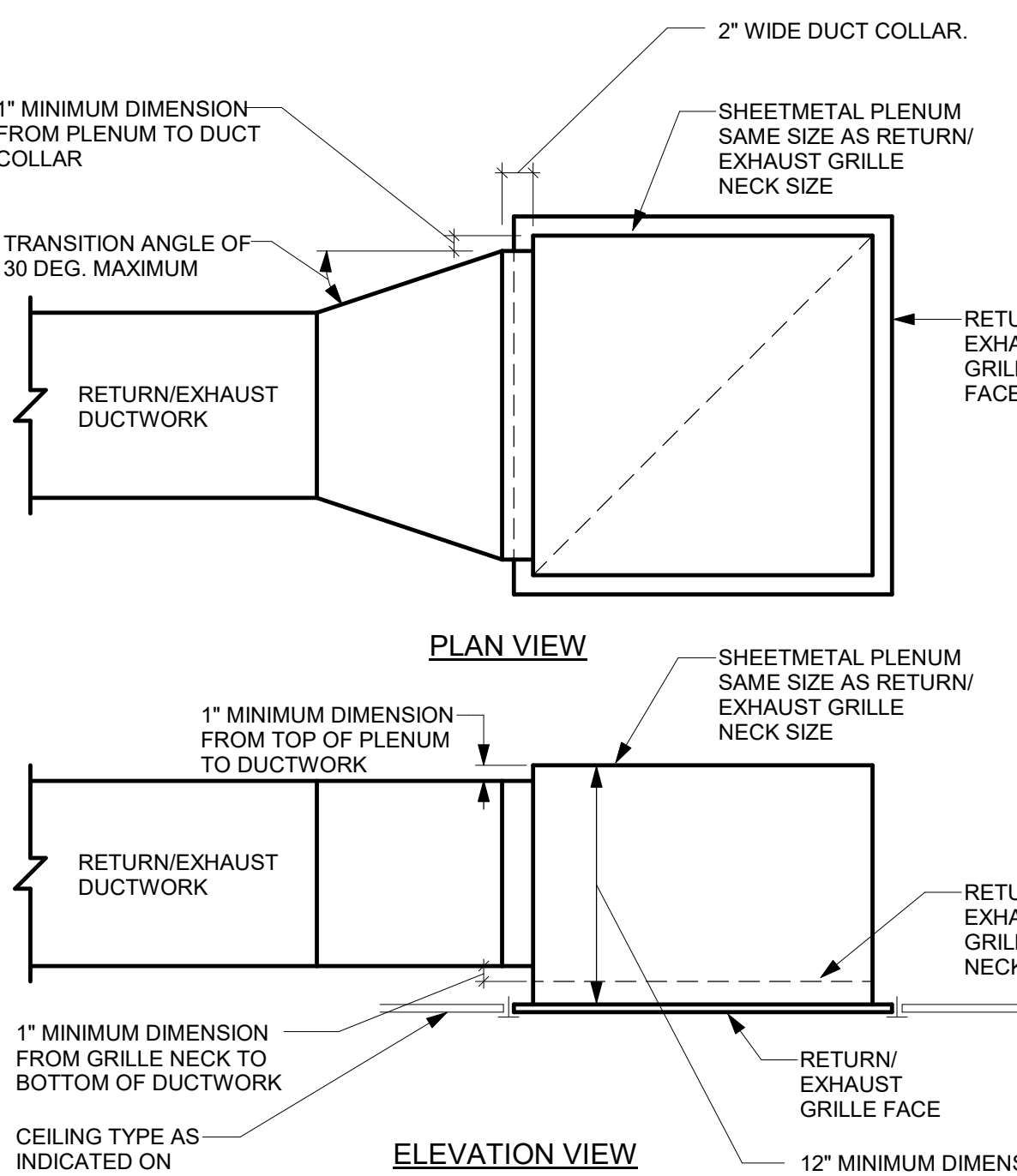
NON-DUCTED RETURN



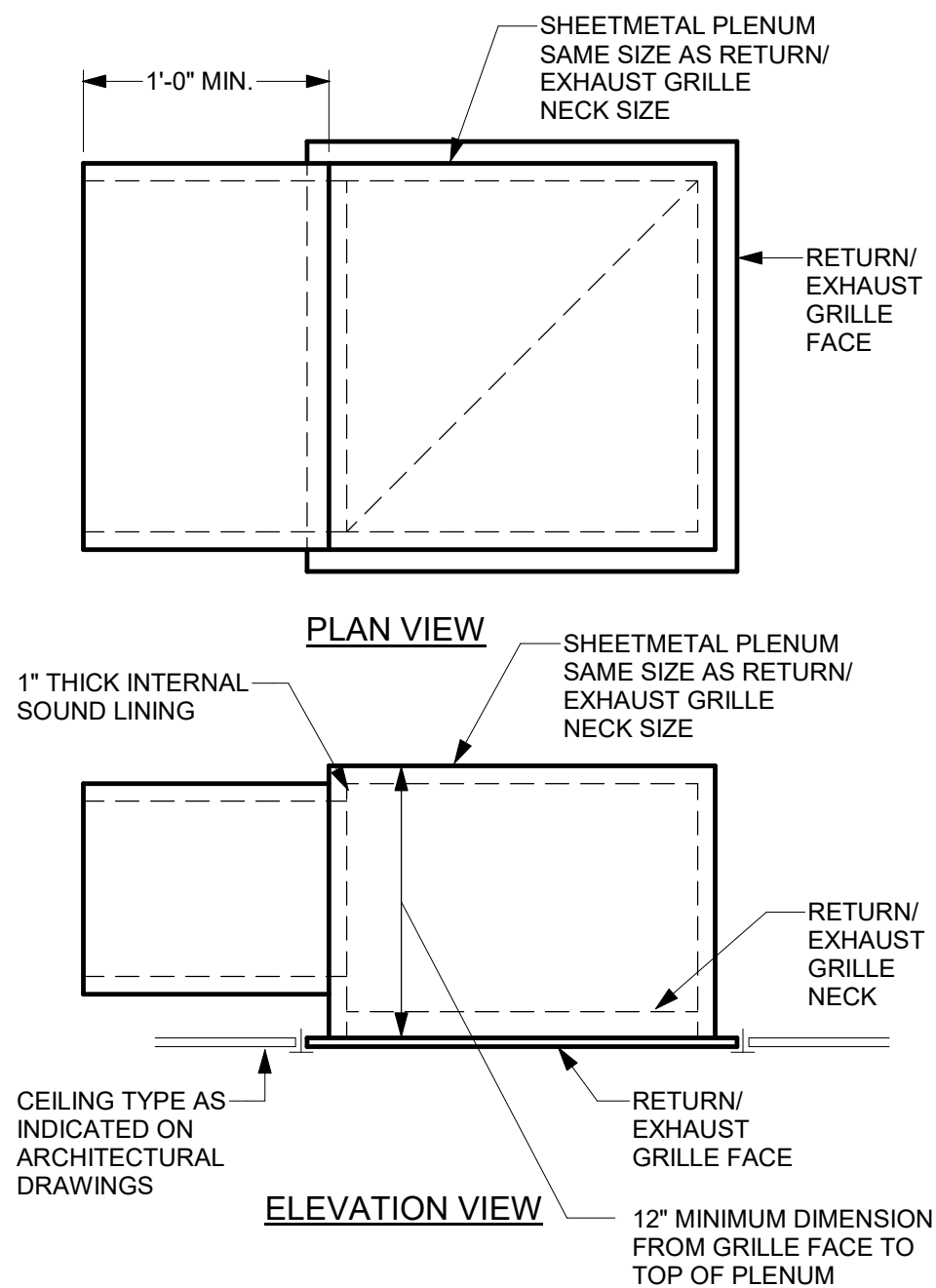
CEILING DIFFUSER



- KEYED NOTES:
- RIGID STRAIGHT DUCTWORK UPSTREAM OF THE TERMINAL UNIT SHALL BE A MINIMUM OF 3 TIMES THE DIAMETER OF INLET. NOT TO EXCEED 5'-0" TOTAL IN LENGTH.
  - MAINTAIN MINIMUM 1'-6" SERVICE CLEARANCE IN FRONT OF ENCLOSURE TO ALLOW FOR SERVICE/ACCESS.
  - COMPONENT ARRANGEMENT MAY VARY BY MANUFACTURER. PROVIDE INSULATION VAPOR BARRIER AS SPECIFIED.
  - ACCESS DOOR TO BE LOCATED AT THE BOTTOM OF THE UNIT. CONTRACTOR TO COORDINATE COIL AND CONTROL ENCLOSURE HANDING. ROTATING UNIT IN FIELD SUCH THAT ACCESS DOOR IS ON TOP OF UNIT IS NOT ACCEPTABLE.



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
  - ALSO APPLICABLE TO REGISTERS.



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
  - ALSO APPLICABLE TO REGISTERS.

#### 8 RETURN/EXHAUST GRILLE PLENUM DETAIL - NON-DUCTED

NOT TO SCALE

#### 5 FIRE DAMPER AT CEILING PENETRATION DETAIL

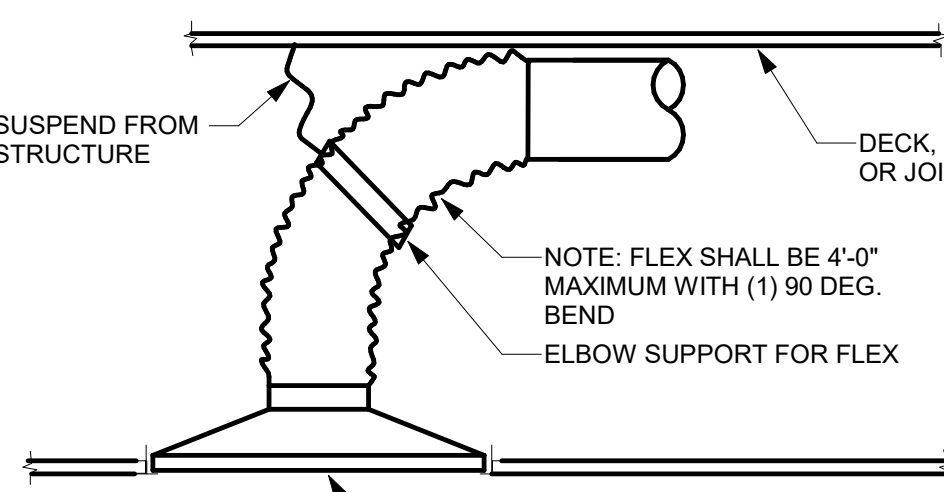
NOT TO SCALE

#### 6 VAV BOX DETAIL

NOT TO SCALE

#### 7 RETURN/EXHAUST GRILLE PLENUM DETAIL - DUCTED

NOT TO SCALE

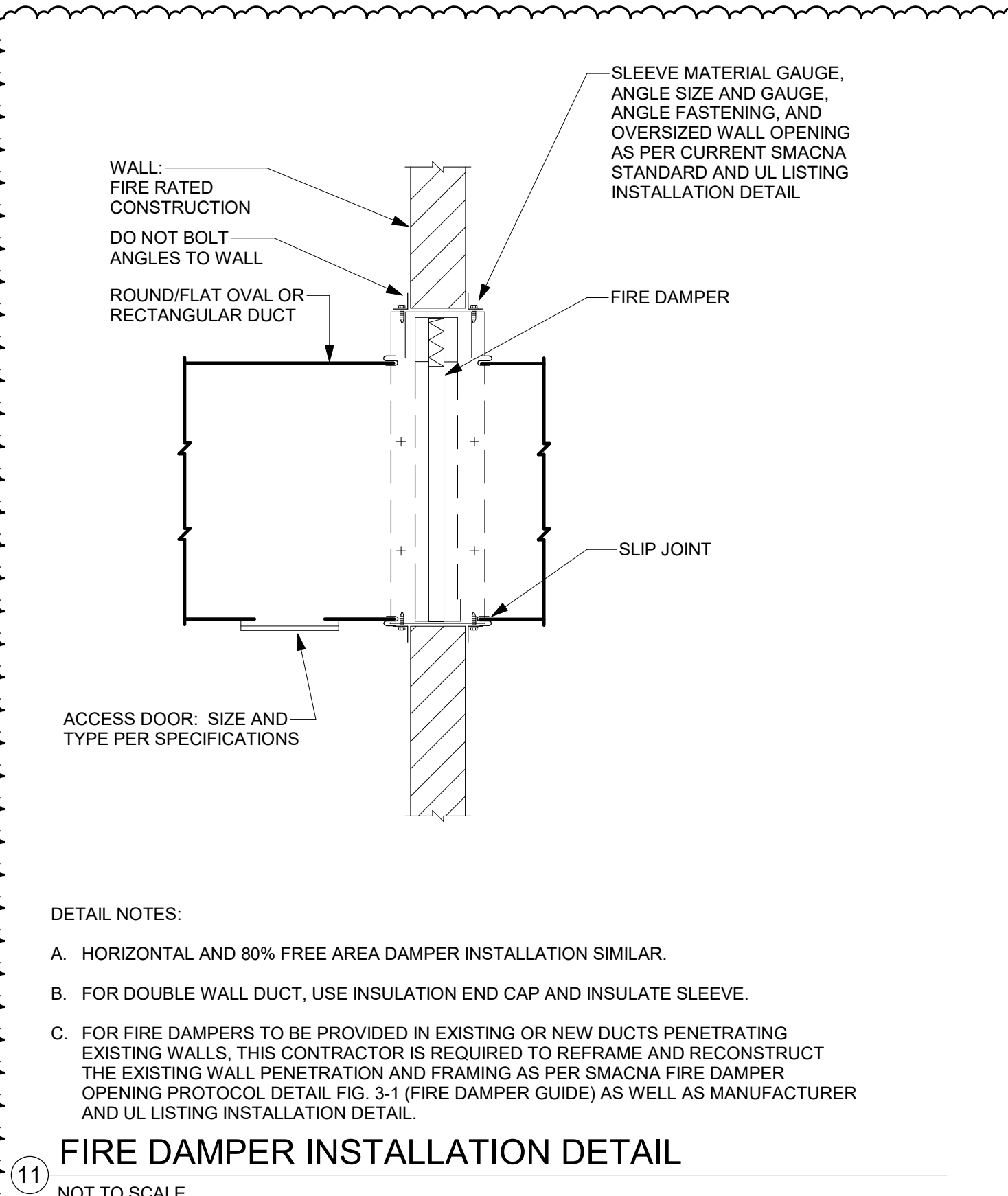
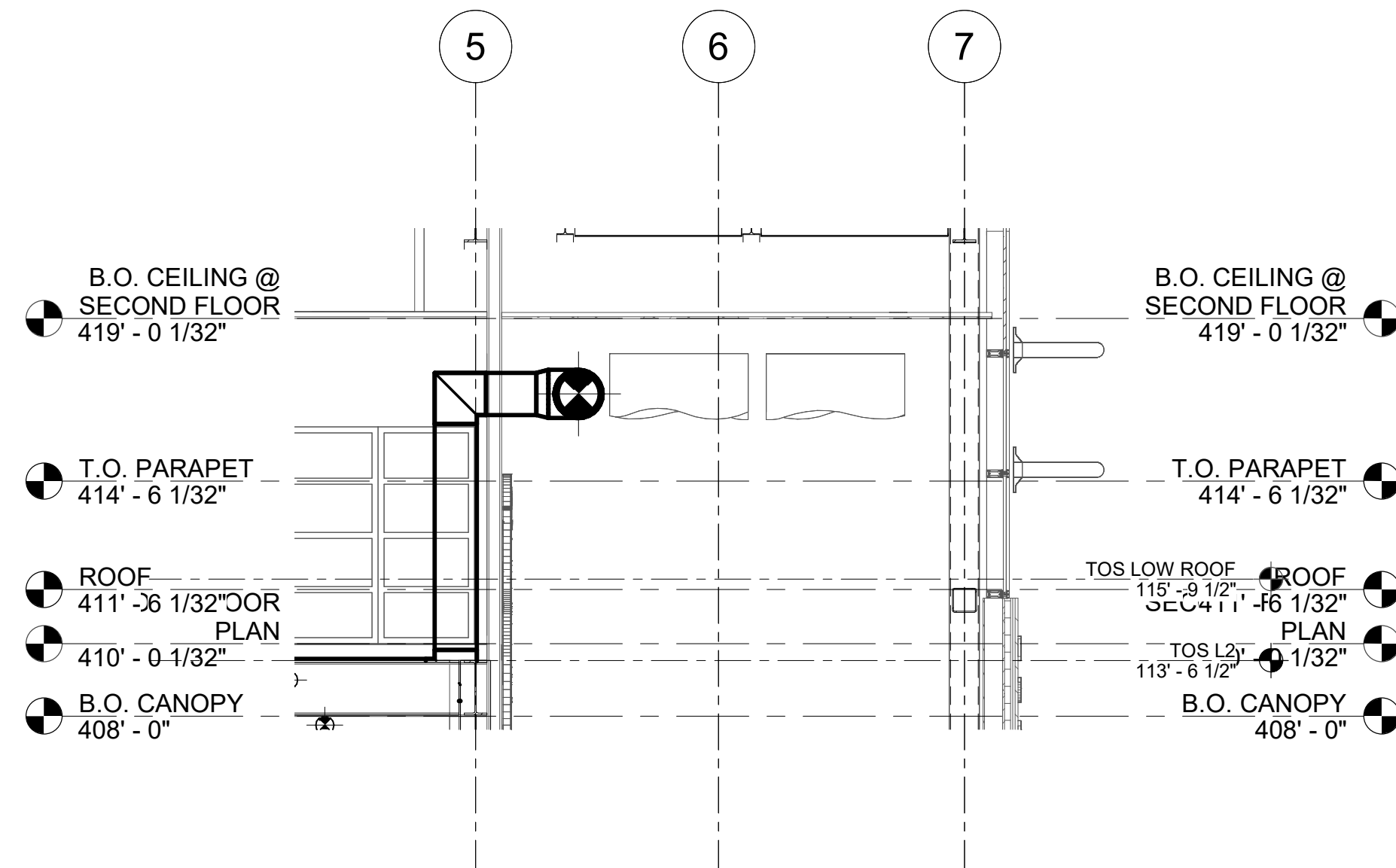


#### 9 SUPPLY AIR DIFFUSER DETAIL - RADIUS FLEXIBLE DUCT - STRAP

NOT TO SCALE

#### 10 LOBBY DUCTWORK SECTION

NOT TO SCALE



- DETAIL NOTES:
- HORIZONTAL AND 80% FREE AREA DAMPER INSTALLATION SIMILAR.
  - FOR DOUBLE WALL DUCT, USE INSULATION END CAP AND INSULATE SLEEVE.
  - FOR FIRE DAMPERS TO BE PROVIDED IN EXISTING OR NEW DUCTS PENETRATING EXISTING WALLS, THIS CONTRACTOR IS REQUIRED TO REFRAME AND RECONSTRUCT THE EXISTING WALL PENETRATION AND FRAMING AS PER SMACNA FIRE DAMPER OPENING PROTOCOL DETAIL FIG. 3-1 (FIRE DAMPER GUIDE) AS WELL AS MANUFACTURER AND UL LISTING INSTALLATION DETAIL.

#### 11 FIRE DAMPER INSTALLATION DETAIL

NOT TO SCALE

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Drawing: **HVAC DETAILS**



Project: 23138 Date: 2/24/25

Drawn: JDH Scale: AS NOTED

Drawing Number:

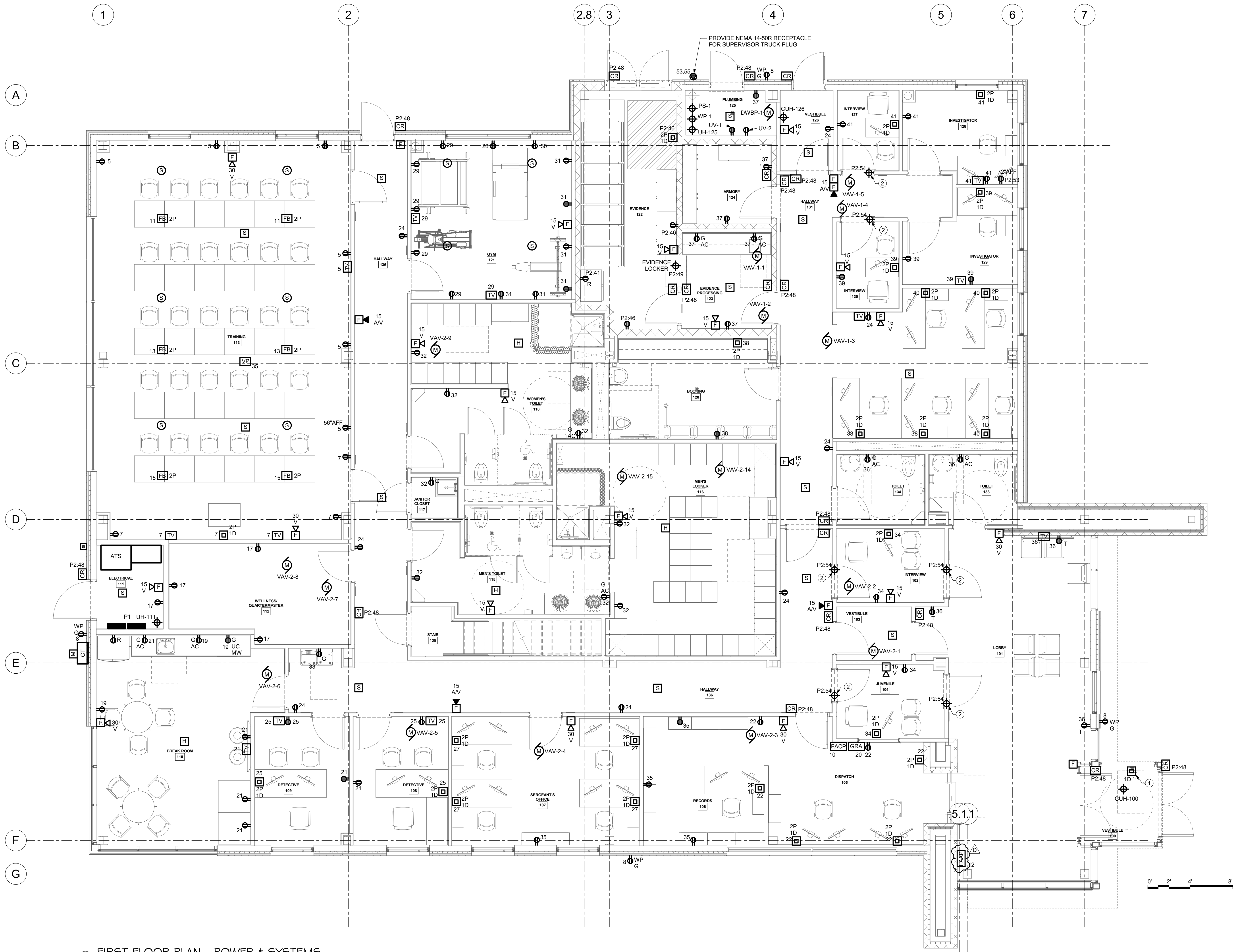
**H-501**

GENERAL NOTES:

- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL "P1" UNLESS OTHERWISE NOTED.

E-101 DRAWING NOTES

1. PROVIDE SINGLE GANG BACKBOX FOR 911 PHONE. ROUTE (1) 1" CONDUIT WITH PULL STRING UNDER SLAB TO JUNCTION BOX IN DISPATCH 105.
2. PROVIDE (1)120V 20A CIRCUIT TO INTERVIEW IN USE LIGHT.



I FIRST FLOOR PLAN - POWER & SYSTEMS  
1/4" = 1'-0"



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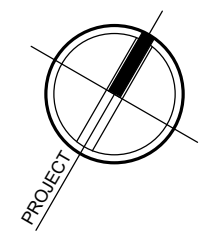
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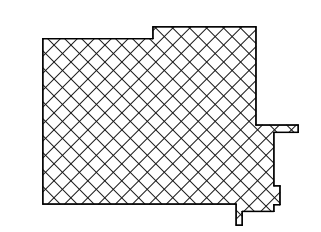
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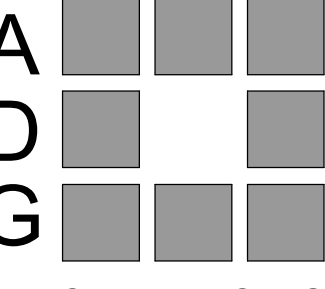
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PROJECT



KEY PLAN



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Project: TOWN OF MONTGOMERY POLICE STATION  
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NEW YORK 12549

Drawing: FIRST FLOOR PLAN - POWER & SYSTEMS



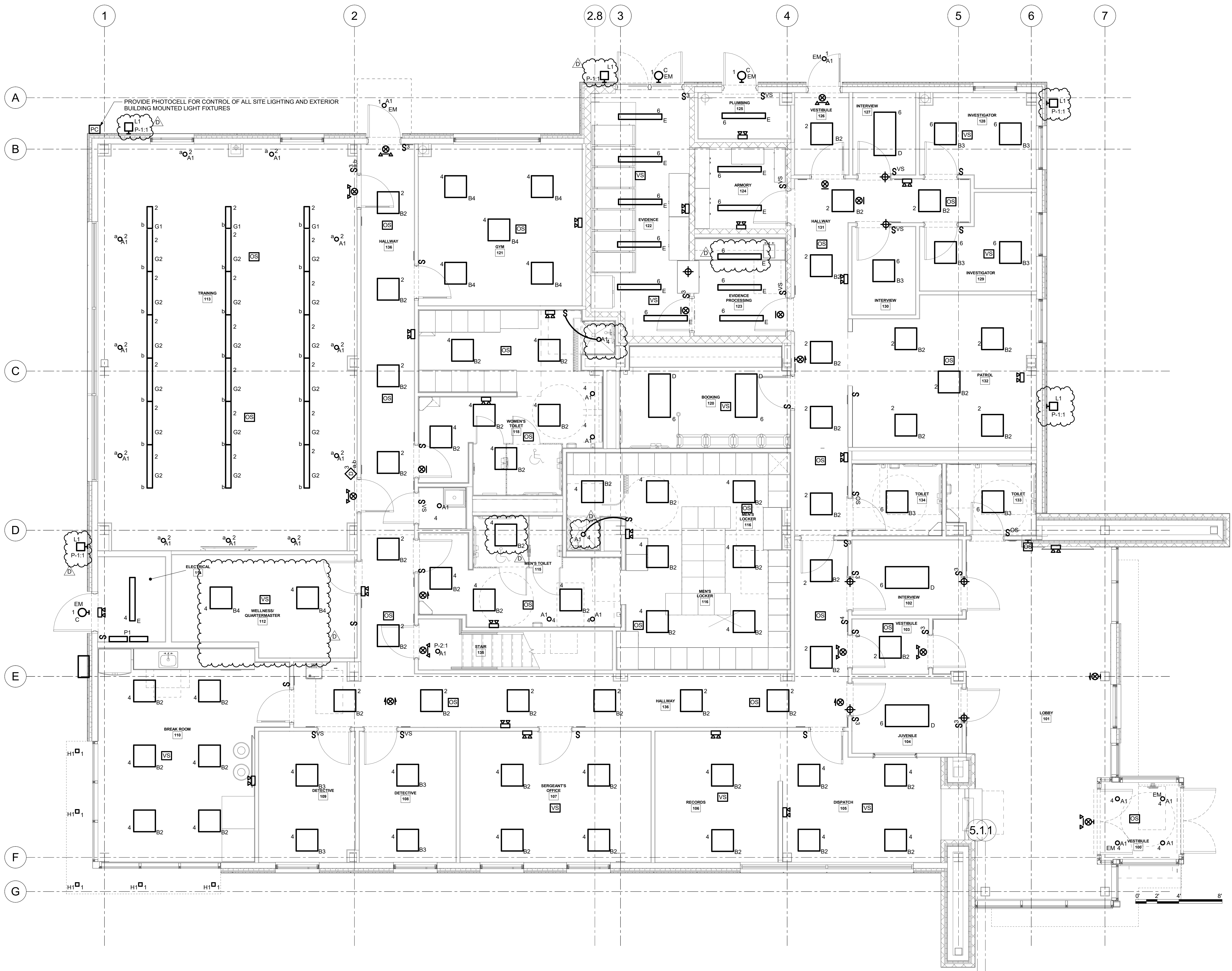
Project: 23138 Date: 02/24/25

Drawn: KML Scale: AS NOTED

Drawing Number:

E-101

- GENERAL NOTES:**
- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
  - B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL 'P-1' UNLESS OTHERWISE NOTED.
  - C. CIRCUIT ALL EXIT SIGNS AND EMERGENCY WALL PACKS AHEAD OF ANY LIGHTING CONTROLS. EXIT SIGNS SHALL ALL BE CIRCUITED TO (1)20A/1P CIRCUIT.



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Project: **TOWN OF MONTGOMERY POLICE STATION**  
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NEW YORK 12549

Drawing: **FIRST FLOOR PLAN - LIGHTING**

Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:

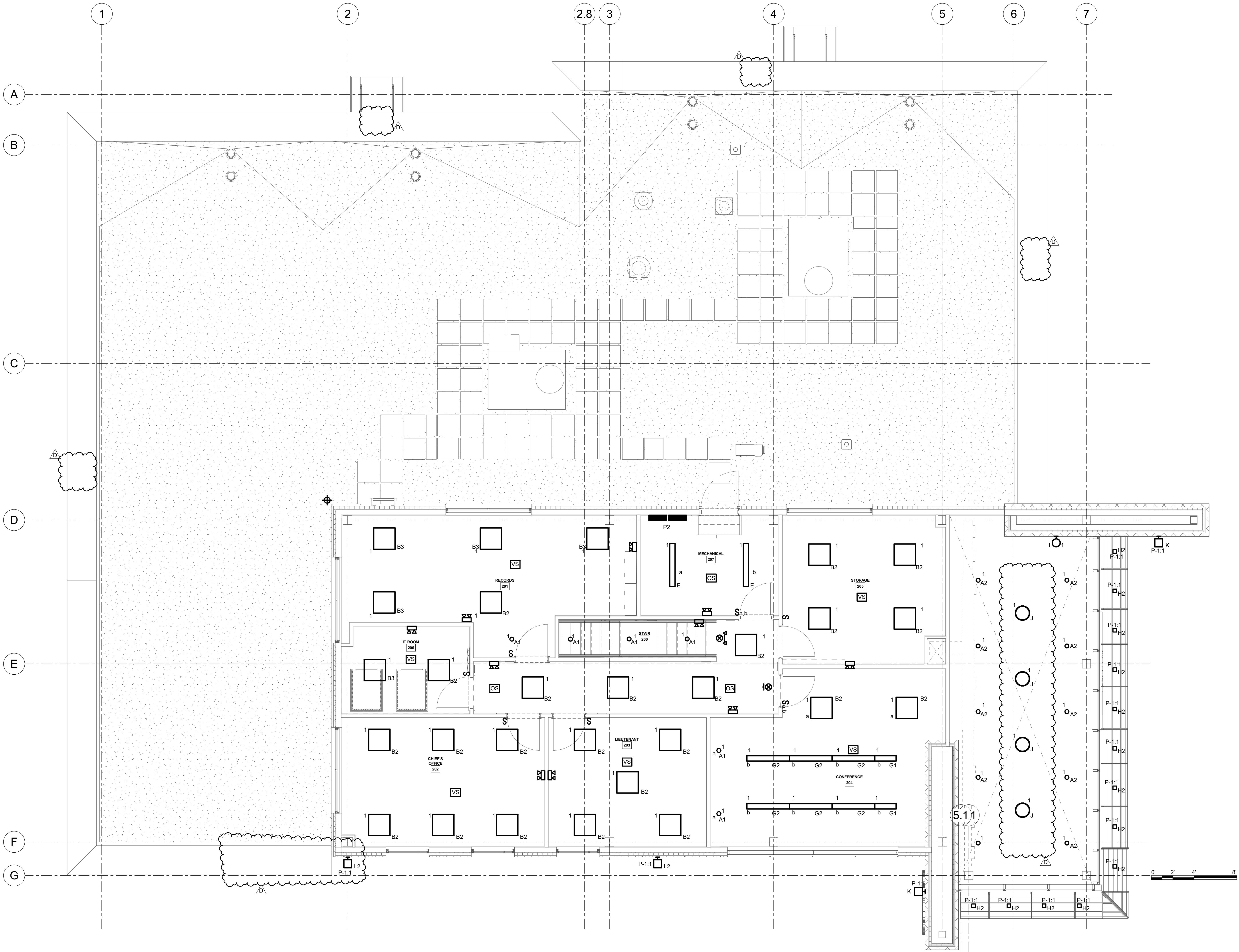
**E-201**

**I FIRST FLOOR PLAN - LIGHTING**  
1/4" = 1'-0"



GENERAL NOTES:

- A. ALL CIRCUITING SHALL BE A MINIMUM OF (2)#12 & (1)#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
- B. CIRCUIT ALL EQUIPMENT AND DEVICES TO PANEL 'P2' UNLESS OTHERWISE NOTED.
- C. CIRCUIT ALL EXIT SIGNS AND EMERGENCY WALL PACKS AHEAD OF ANY LIGHTING CONTROLS. EXIT SIGNS SHALL ALL BE CIRCUITED TO (1)20A/1P CIRCUIT.



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D	05/09/25	ADDENDUM 6
E	05/09/25	ADDENDUM 6

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Project: TOWN OF MONTGOMERY POLICE STATION  
110 BRACKEN ROAD, MONTGOMERY,  
NEW YORK 12549

Drawing: SECOND FLOOR PLAN - LIGHTING

Project: 23138 Date: 02/24/25  
Drawn: KML Scale: AS NOTED  
Drawing Number:  
E-202