



PURCHASING DEPARTMENT  
DIVISION OF BUDGET & FINANCE

PUR-1751  
ADDENDUM NO. 4  
INVITATION TO BID

HAGERSTOWN REGIONAL AIRPORT  
EXPAND/REHABILITATE TERMINAL BUILDING EAST

**DATE: Friday, June 20, 2025**

**BIDS DUE: Friday, June 27, 2025  
2:00 P.M.(EDT/EST)**

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of seven (7) pages and one (1) attachment.

**NOTE: All Bidders must enter the Washington County Administration Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their bid and/or to attend the Pre-Bid Conference. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition, and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace, or any other chemical defense sprays; and Illegal substances.**

**ITEM NO. 1:** *Inquiry:* Specification section 01 20 00 - Price and Payment Procedures, paragraph 1.3 reads like this is a unit price contract yet that contradicts other information contained in the bid docs. Please confirm this paragraph is NOT APPLICABLE to this contract, this is a fixed sum contract.

*Response:* DELETE Article 1.3.A in its entirety and REVISE to read as follows:  
“A. Unit Prices shall be used for “Extra Work” and “Credit”. The Bid Price is a fixed sum contract amount.”

**ITEM NO. 2:** *Inquiry:* Please clarify item 12 Installation of the Supplemental Terms and Conditions.

Response: This item has been revised to read: Erosion and sediment control, foundation & building expansion, addition areas and finishes: (new public seating areas, ticketing functions, concessions, baggage space, a lactation room, staff breakroom, and support offices), concrete slab and sidewalk, roofing, HVAC, plumbing, electrical and data, interior renovations, new seating in existing hold rooms, asphalt and concrete pavement demolition, utility installation, fencing, drainage removal and installation, new asphalt paving, pavement marking, backfill, top soiling, seeding, mulching.

**ITEM NO. 3:** Inquiry: Will the audience seating supplier information be provided

Response: Supplier: MOI. Contact Person: Candice Davis 240.864.0302, Email: cdavis@moii.com.

**ITEM NO. 4:** Inquiry: Will the brick veneer supplier information be provided

Response: Refer to Spec Section 04 20 00, Article 2.5.B.9.d. Local Supplier: Furnished by Steffey & Findlay, Inc., 177 Burhans Blvd., Hagerstown, MD 21740; Contact: Walt Gossard; Phone: 301-733-1600; Email: walt@steffeyfindlay.com

**ITEM NO. 5:** Inquiry: The temporary security fencing to be installed, is that what is detailed on G2.2 or CV5.2? Drawings are unclear on what is to be provided, it only notes to be approved by airport operations

Response: The fence detailed on G2.2 is the temporary security fence. The fence on CV5.2 is the permanent AOA fence. (Attachment A)

**ITEM NO. 6:** Inquiry: Sloped glazing assemblies above rooms 117 and 118 are not shown on the window types drawing A2.2. Please provide.

Response: DELETE Drawing A2.4 in its entirety and REPLACE with Revised Drawing A2.4, dated 06.18.25. Sloped glazing system is shown on Drawing A4.5 with details on Drawing A2.4. Provide 3/8" polycarbonate glazing. (Attachment A)

**ITEM NO. 7:** Inquiry: Glazing legend on A2.2 shows G-3 Spandrel glazing, but it is not shown on the window types. Please clarify if spandrel glazing is required.

Response: DELETE G-3 spandrel glazing on Drawing A2.2. Spandrel glazing is not required.

**ITEM NO. 8:** Inquiry: The basis of design for the aluminum exterior doors (Megatherm 50XT) is a YKK product, but YKK doesn't appear on the acceptable manufacturers listed in the specifications. Also, according to the YKK product manual, the Megatherm XT product was discontinued on 04/30/2024. Please clarify. <https://www.ykkap.com/commercial/productguide/entrances/35xt/>

Response: Provide Kawneer 500T wide stile storefront doors. Finish: Clear Anodized.

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

**ITEM NO. 9:** Inquiry: Please verify the fixed seating in rooms 110 Lobby and 112 Observation on A1.3 are new and are not existing. The seating is marked with and (E) on the plan

Response: The seating in 110-Lobby and 112-Observation is new seating to match existing Herman Miller Eames Tandem Sling Seating in Black Heavy Vinyl Padded.

**ITEM NO. 10:** Inquiry: Specification section 083336 3.7C states to refer to section 083100 for the steel mesh grille. 083100 is for access panels and makes no mention of grilles.

Response: Spec Section 083336; DELETE Article 3.7.C in its entirety.

**ITEM NO. 11:** Inquiry: Overhead door specification section 083336 2.2A10c2 calls for card reader control. Will the card reader be furnished and installed by the owner's security contractor?

Response: A Card Reader is not required for the Overhead rollup doors.

**ITEM NO. 12:** Inquiry: Overhead door specification section 083336 3.7A,B & C, contains a schedule for overhead doors. These door numbers do not show on the door schedule and are not shown on floor plans or the demo plans. Are these openings required for this project? Please clarify.

Response: Spec Section 083336; DELETE Articles 3.7.A, B, and C in their entirety. REPLACE Articles 3.7.A & B as follows:

A. Door 114 is a new 14'-0" x 10'-0" high door and frame.

B. Door 116 is an existing 12'-0" wide x 9'-0" high relocated to new opening."

**ITEM NO. 13:** Inquiry: Supplemental Terms and Conditions, Item 20 - Please confirm this project is a Stipulated Sum not Unit Price Contract

Response: Supplemental Terms and Conditions, Item 20 should be listed as a Stipulated Sum, not a Unit Price Contract.

**ITEM NO. 14:** Inquiry: Are there any specific FAA requirements for the temporary construction fence?

Response: The FAA does not provide any specific requirements for the temporary construction fence. However, per TSA Security requirements, all fences need to be secured to prevent unauthorized entry to the airport.

**ITEM NO. 15:** Inquiry: Please provide the name of the roofing contractor with whom the existing roof system is currently under warranty.

Response: Kline Associated Roofing Contractors Inc., 350 East First Street, Hagerstown, MD. Sarnafil Sika Corporation Roofing Warranty.

*(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)*

**ITEM NO. 16:** Inquiry: Table of Contents list a document that cannot be located: Form of Proposal, FP-1 - FP-4. Please provide.

Response: **“HARDCOPY”** - The form of proposal pages FP-1 to FP-4 is included with the solicitation provided on the Washington County website.

**“ELECTRONIC”** – The proposal form is located in the “Line Items” tab on the county’s online bidding site, Ionwave.

**ITEM NO. 17:** Inquiry: Please confirm this project is tax exempt

Response: No, this project is not tax exempt.

**ITEM NO. 18:** Inquiry: Will fire protection be included in this project or will that be separate contract?

Response: The building addition will require a supervised automatic sprinkler system and an addressable fire alarm system.

**ITEM NO. 19:** Inquiry: Is there an expected/rough start date/NTP?

Response: The expected start date/NTP is dependent on the receipt of FAA and MAA funding for the project, which may delay the start of construction. It is anticipated that the FAA/MAA funding offers will be received in August/September of 2025. An administrative NTP is anticipated for the Fall of 2025 for submittals and procurement and a construction NTP is anticipated in the Spring of 2026.

**ITEM NO. 20:** Inquiry: Please confirm who is responsible for the installation of the Owner furnished bollards

Response: The General Contractor will be responsible to install the owner supplied bollards. The owner will supply the rebar cage, bollard pipe and cover. The Contractor will be responsible for excavation, placement, concrete, and backfill.

**ITEM NO. 21:** Inquiry: Ref.: Electrical drawing and ADD Alt 1: The drawings depict power and lighting circuits that come from the Add alt 1 section to the Base bid section. Please provide details on how to handle this if the ADD Alt 1 is not completed.

Response: Under Base Bid, all new panels and electrical room are to be installed. If renovations under ADD Alt 1 are chosen, all new circuits under this renovation to be connected to panels installed under Base Bid.

**ITEM NO. 22:** Inquiry: Ref.: Electrical room orientation: During site visit the Designer mentioned that the 2 new transformers will be stacked rather than floor mounted. Please confirm and provide an updated drawing.

Response: Refer to Addendum 4 Drawing Revisions for updated transformer layout.

*(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)*

(Attachment A)

**ITEM NO. 23:** Inquiry: Ref.: New Electrical Panel tie into existing service: Will the outage need to be during off hours? If so, will escorts be required for off hours work

Response: This outage will need to be on a day when there are no scheduled service flights and/or during off work hours. Escorts will be provided by the Airport.

**ITEM NO. 24:** Inquiry: Ref.: New Electrical room construction Phasing: Will the existing roll up door be moved and the new electrical room be constructed before the new electrical panels need to be installed? If not, the panels will be exposed to the elements and need to be protected.

Response: Refer to Revised Drawing A1.3 per Addendum No. 3. Drawing was revised to provide adequate clearance within the Electric Room without removing the roll-up door. The room will be constructed under Base Bid.

**ITEM NO. 25:** Inquiry: Ref.: Security Rough in: Where is the location where the security closets, where security the conduit should be routed?

Response: The security panels are located in the L shape room on frame line 7 next to the hold room entrance and men's public toilet room.

**ITEM NO. 26:** Inquiry: Ref.: Telecom Rough in: Where is the telecom room where telecom conduit should be routed?

Response: Refer to Addendum 4 Drawing Revisions for clarification on telecom room locations. (Attachment A)

**ITEM NO. 27:** Inquiry: Ref.: Airport Security: Will escorts be needed for any part of the work in the airport? If so, will the customer be providing them, or will the GC be required to provide them?

Response: The airport staff shall provide airport security and escorting.

**ITEM NO. 28:** Inquiry: Ref.: security system scope: Is the security cabling, devices, and head end equipment scope part of a separate contract. The specifications only refer to rough in.

Response: Yes, this scope is for system rough in only.

**ITEM NO. 29:** Inquiry: Table of Contents list a document that cannot be located: Form of Proposal, FP-1 - FP-4. Please provide.

Response: **"HARDCOPY"** - The form of proposal pages FP-1 to FP-4 is included with the solicitation provided on the Washington County website.

*(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)*

***“ELECTRONIC”*** – The proposal form is located in the “Line Items” tab on the county’s online bidding site, Ionwave.

**ITEM NO. 30:** *Inquiry:* Supplemental Terms and Conditions, Item 20 - Please confirm this project is a Stipulated Sum not Unit Price Contract

*Response:* Refer to response to ITEM NO. 13 in this Addendum

**ITEM NO. 31:** *Inquiry:* Roller shade schedule in the specifications 122000 3.6 states that rooms 128 and 129 are to receive roller shades. These rooms are not identified on the floor plan A1.1 or shown on the enlarged plan A1.3? Please clarify and supply a mounting detail if they are required.

*Response:* DELETE Section 122000 in its entirety. Roller shades have been deleted from the project.

**ITEM NO. 32:** *Inquiry:* Will a drawing detail be provided on the duct bank?

*Response:* An underground conduit trench detail has been added to Sheet No. CV5.2 Site Details 2. REPLACE Sheet No. CV5.2 Site Details 2 with one attached to this Addendum. (Attachment A)

**REVISIONS TO PLANS (see corresponding reissued sheets in Attachment A):**

**ITEM NO. 33:** *Inquiry:* Sheet No. D1.1 ENLARGED FLOOR PLAN AT DEMOLITION:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 34:** *Inquiry:* Sheet No. D3.1 DEMOLITION BUILDING ELEVATION & SECTION:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 35:** *Inquiry:* Sheet No. A2.4 CURTAIN WALL DETAILS:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 36:** *Inquiry:* Sheet No. E1-1 DEMOLITION FIRST FLOOR PLAN:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 37:** *Inquiry:* Sheet No. E2-1 FIRST FLOOR PLAN - LIGHTING:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 38:** *Inquiry:* Sheet No. E3-1 FIRST FLOOR PLAN - POWER & DATA:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 39:** *Inquiry:* Sheet No. E6-1 RISER DIAGRAMS:  
**REVISE** Replace sheet in entirety with attached revised sheet.

**ITEM NO. 40:** *Inquiry:* Sheet No. CV5.2 SITE DETAILS 2.

*(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)*

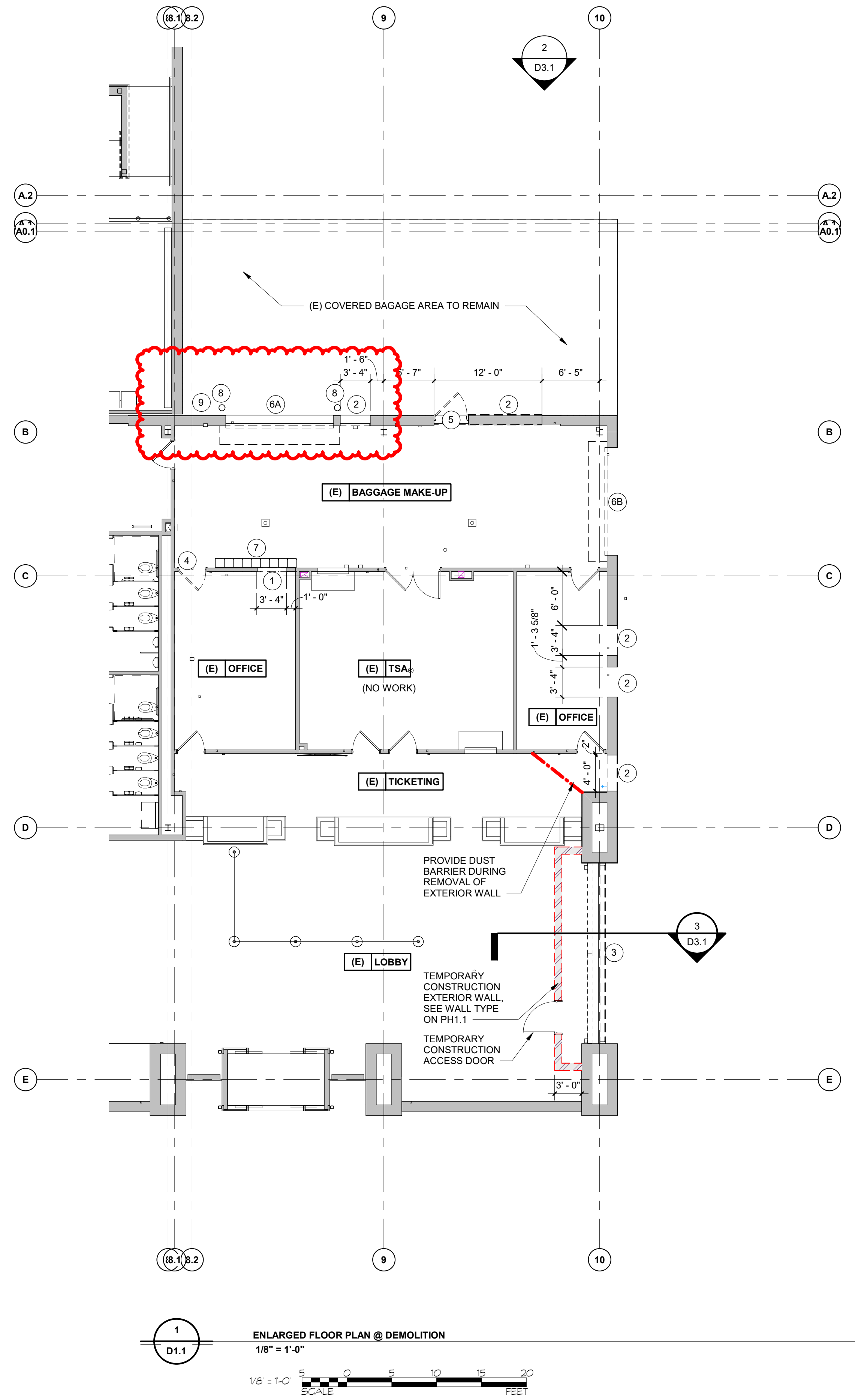
**REVISE** Replace sheet in entirety with attached revised sheet.

By Authority of:



Brandi J. Kentner, CPPO  
Director of Purchasing

ATTACHMENT A



DEMOLITION LEGEND

- 1 METAL STUD AND GYPSUM BOARD WALLS TO BE REMOVED. (ADD ALTERNATE No. 1)
- 2 PORTION OF EXISTING MASONRY TO BE REMOVED FOR NEW OPENING. PATCH & REPAIR ADJACENT FINISHES AS REQ'D. (BASE BID)
- 3 EXISTING ALUMINUM STOREFRONT TO BE REMOVED. (BASE BID)
- 4 FLUSH WOOD DOORS AND HOLLOW METAL FRAMES TO BE REMOVED. (ADD ALTERNATE No. 1)
- 5 EXISTING HOLLOW METAL DOOR & FRAME TO BE REMOVED. (BASE BID)
- 6A EXISTING OVERHEAD DOOR & ASSOCIATED HARDWARE & TRIM TO BE REMOVED & SAVED FOR REUSE. PATCH & REPAIR ADJACENT MATERIALS AS REQUIRED. (BASE BID)
- 6B EXISTING OVERHEAD DOOR & ASSOCIATED HARDWARE & TRIM TO BE REMOVED. PATCH & REPAIR ADJACENT MATERIALS AS REQUIRED. (BASE BID)
- 7 REMOVE AND RELOCATE EXISTING LOCKERS. SEE 1/A1.3. (ADD ALTERNATE No. 1)
- 8 REMOVE EXISTING BOLLARD FOR CONSTRUCTION OF NEW ELECTRIC ROOM WALL.
- 9 REMOVE EXISTING OVERHEAD DOOR CONTROLS FOR CONSTRUCTION OF NEW ELECTRIC ROOM WALL.



**ADCI**  
AIRPORT DESIGN CONSULTANTS, INC.

6011 UNIVERSITY BLVD.  
SUITE 490  
ELLICOTT CITY, MD 21043  
PHONE: 410-465-9600  
FAX: 410-465-9602



**BFM**

**BUSHEY FEIGHT MORIN ARCHITECTS**  
473 NORTH POTOMAC STREET  
HAGERSTOWN, MD 21740  
301.733.5600 BFM PROJECT # 24043



Professional Certification:  
I hereby certify that these documents  
were prepared or approved by me,  
and that I am a duly licensed  
professional engineer under the laws  
of the State of Maryland.

License No. 6157  
Expiration Date: 09/07/2026

DESIGNED:	RAK	No.	DATE	DESCRIPTION
		Rev 1	06.17.2025	Revised (Addendum No. 3)
DRAWN:	RAK	Rev 2	06.18.2025	Revised (Addendum No. 4)
CHECKED:	NEM			
APPROVED:	NEM			

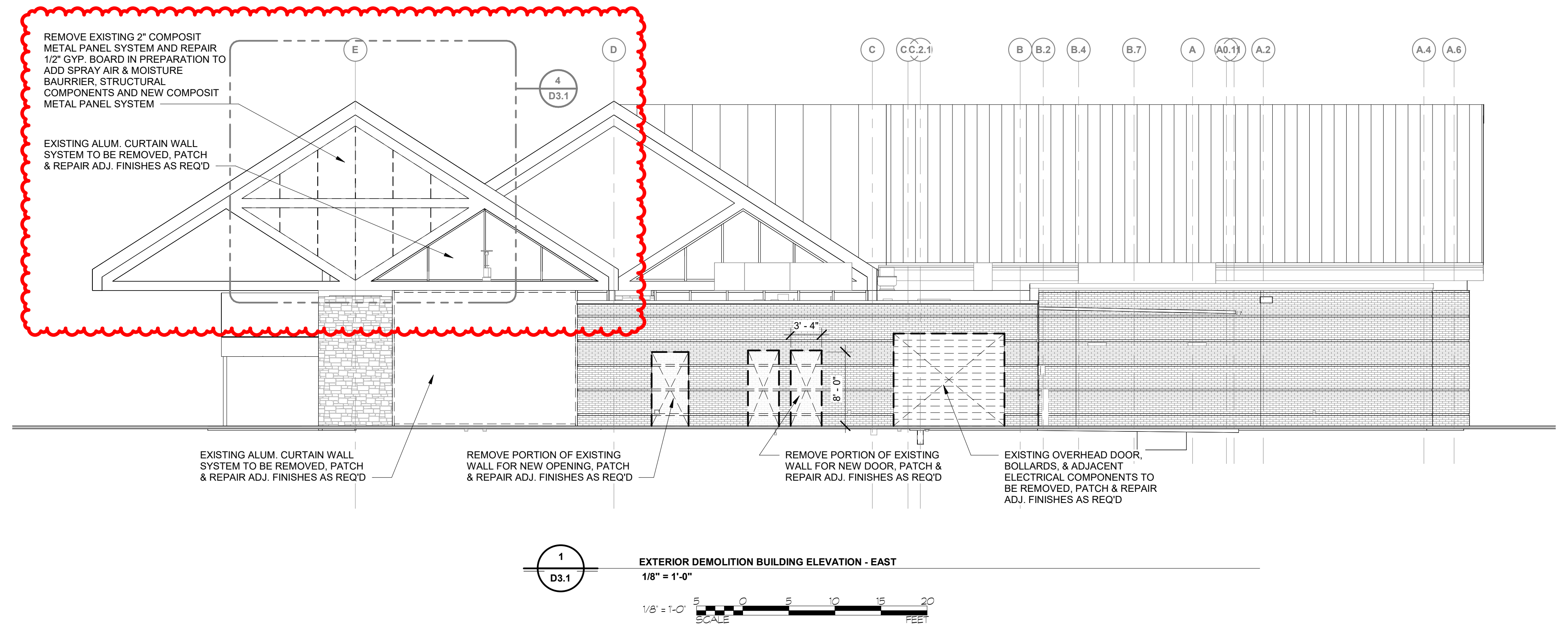
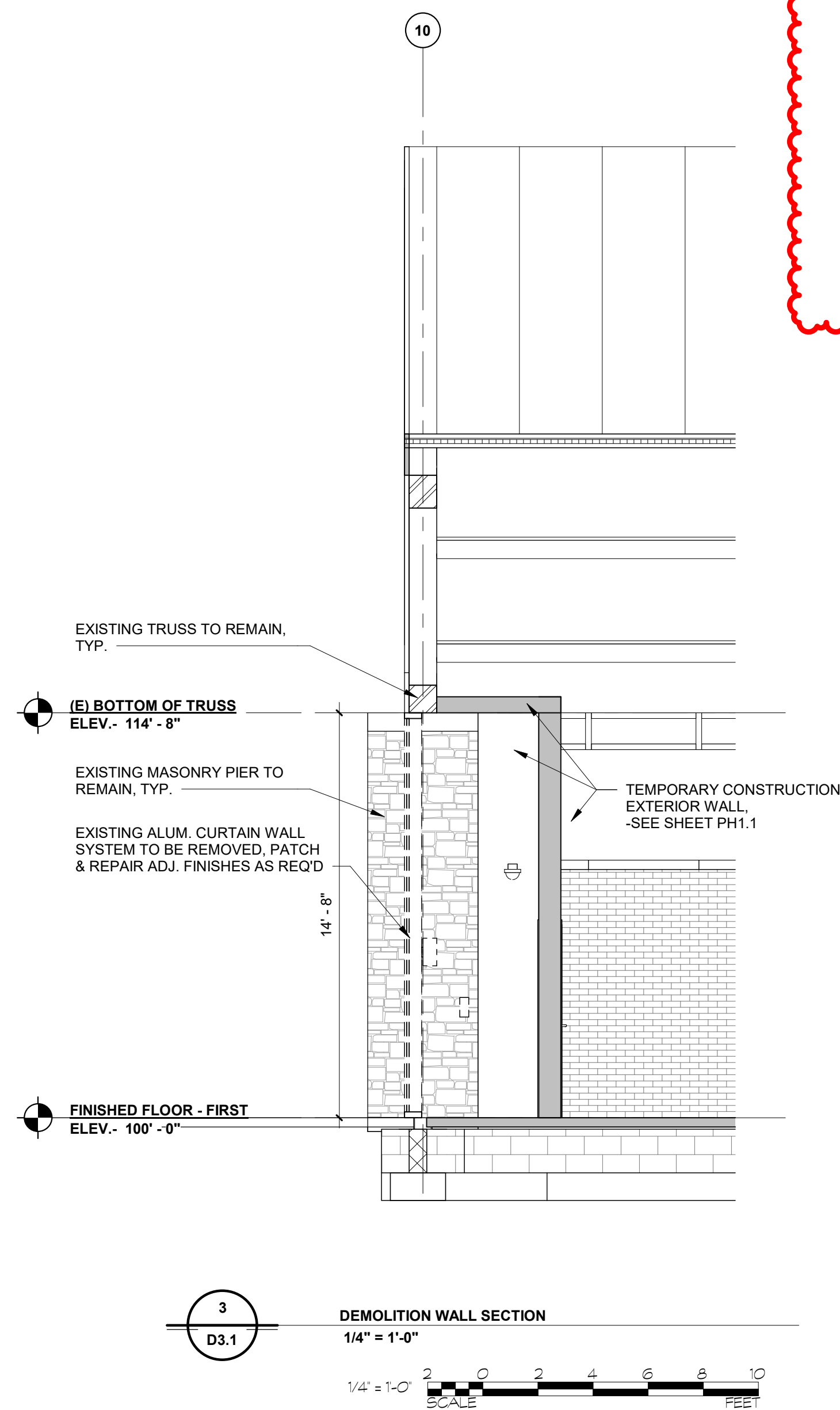
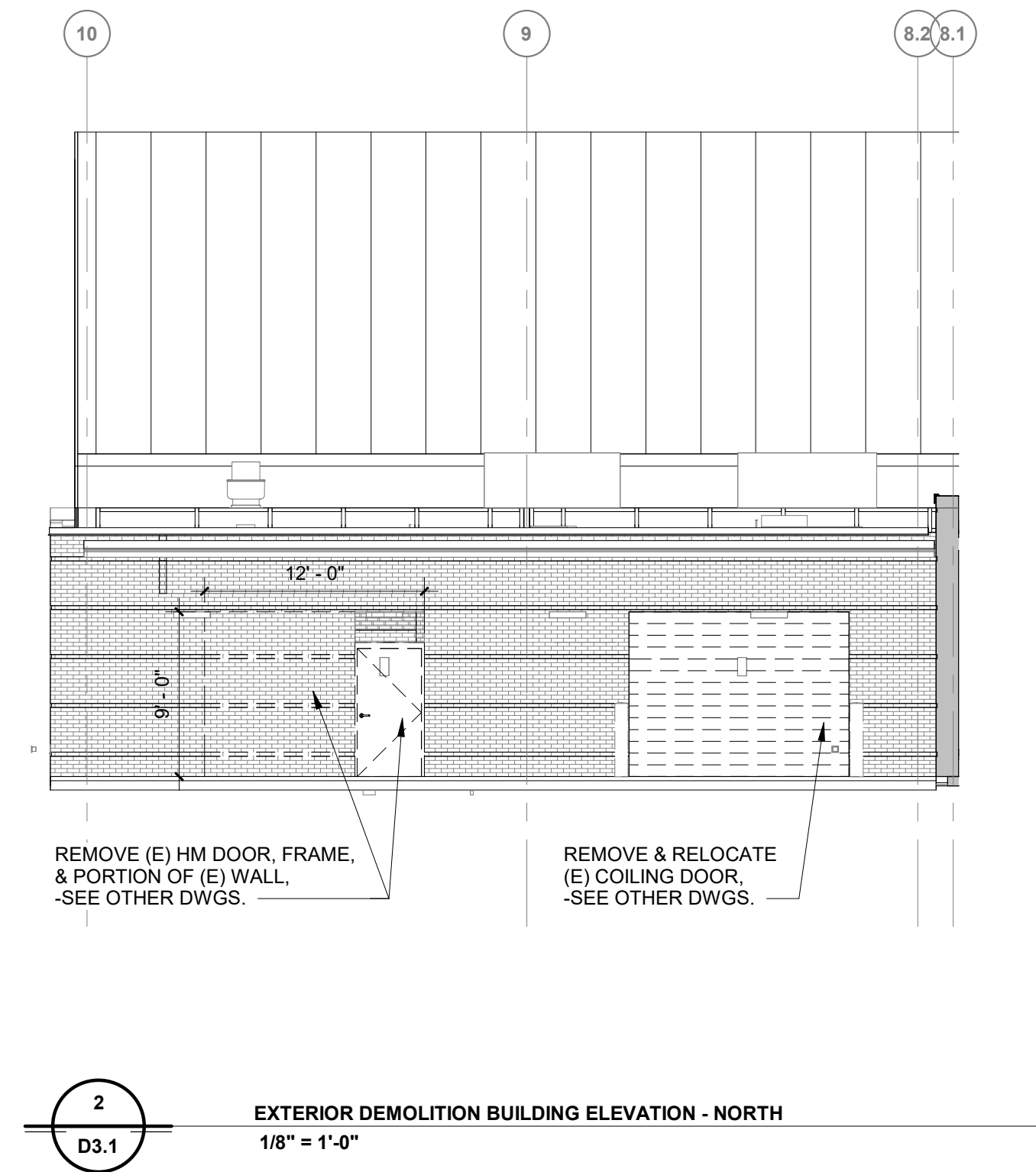
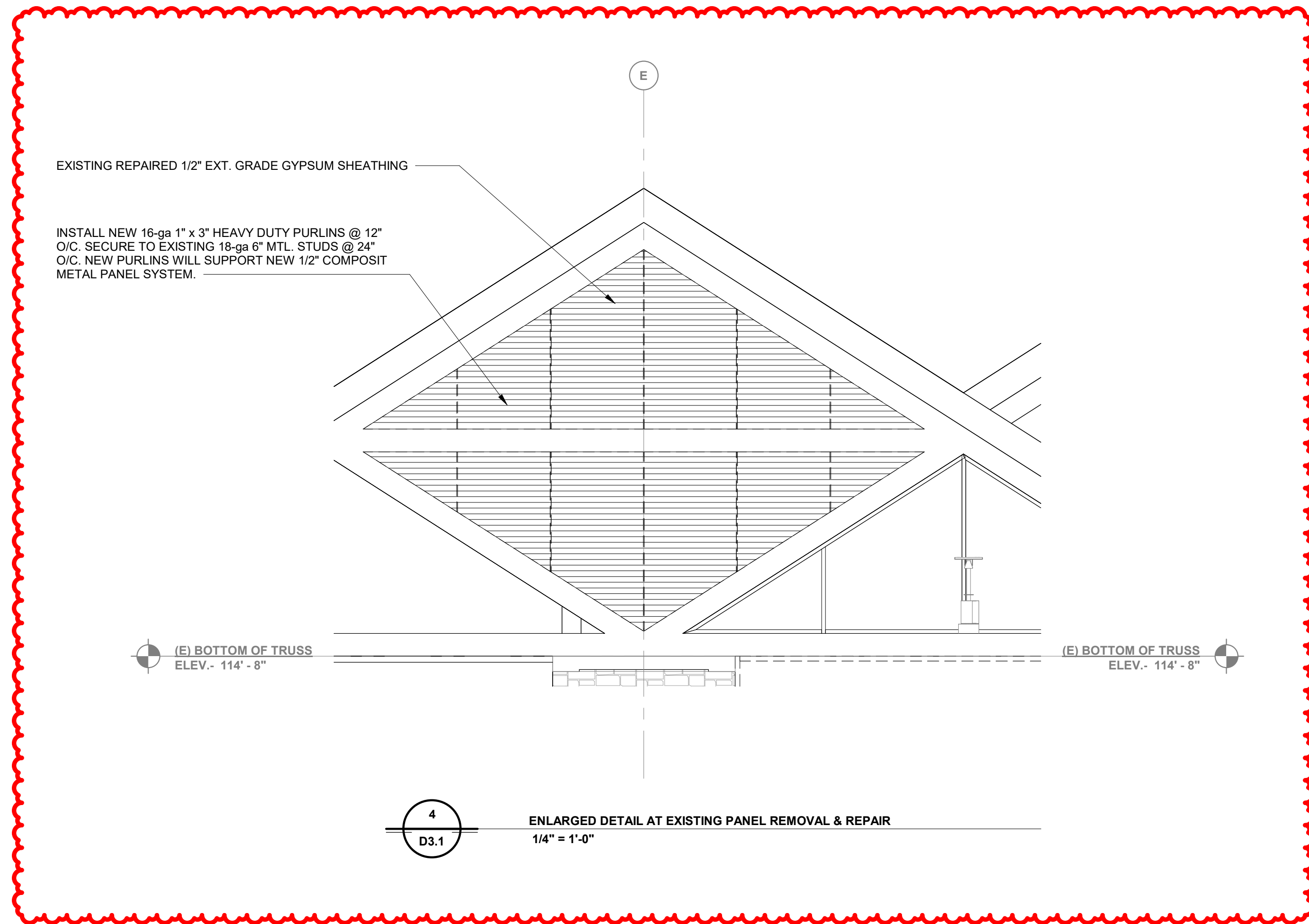


**HAGERSTOWN  
REGIONAL AIRPORT**  
Washington County, MD

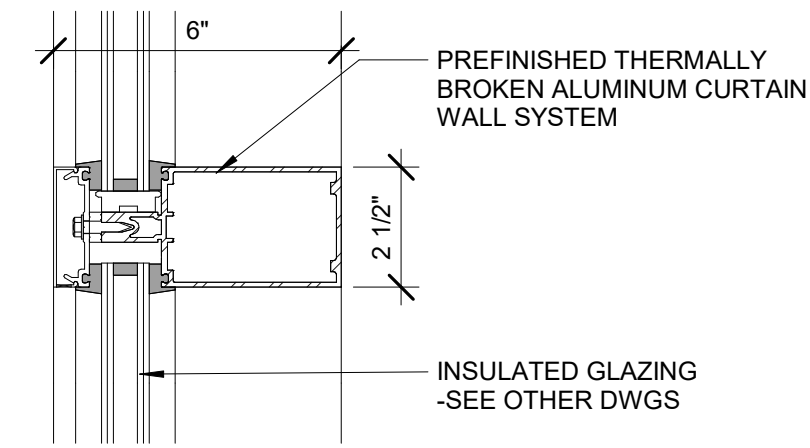
PROJECT TITLE: <b>TERMINAL BUILDING EXPANSION</b>	
SHEET TITLE: <b>ENLARGED FLOOR PLAN AT DEMOLITION</b>	
SCALE: As indicated	DATE: MAY 2025

FAA AIP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET
SHEET No.: <b>D1.1</b> <b>31 OF 102</b>

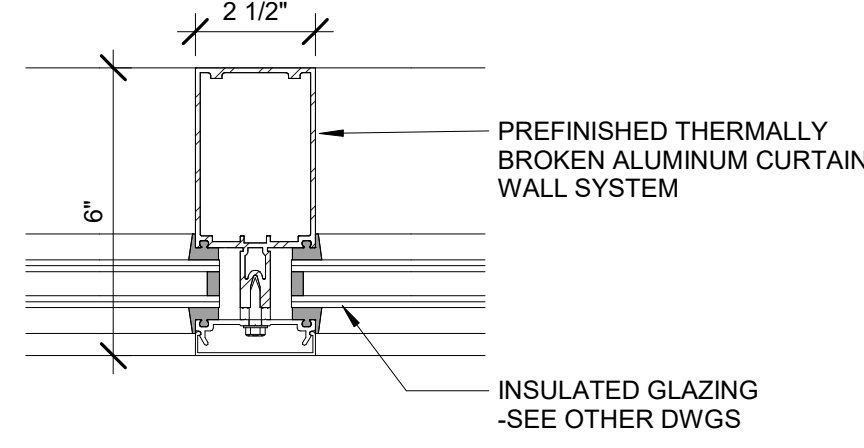




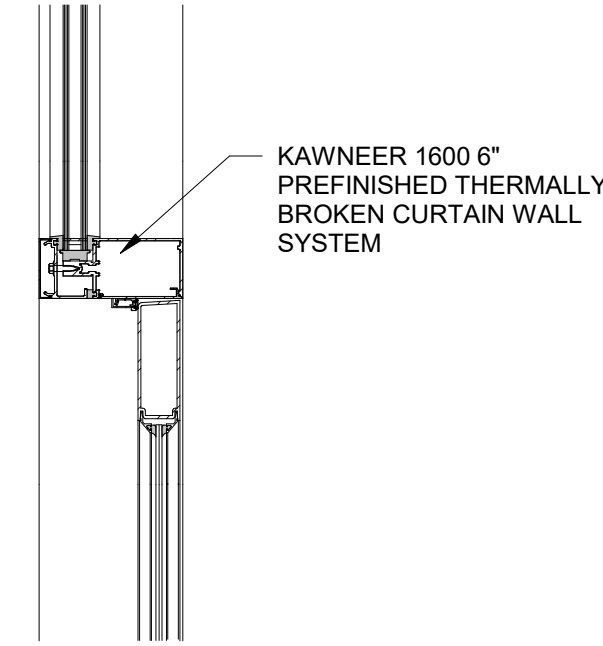




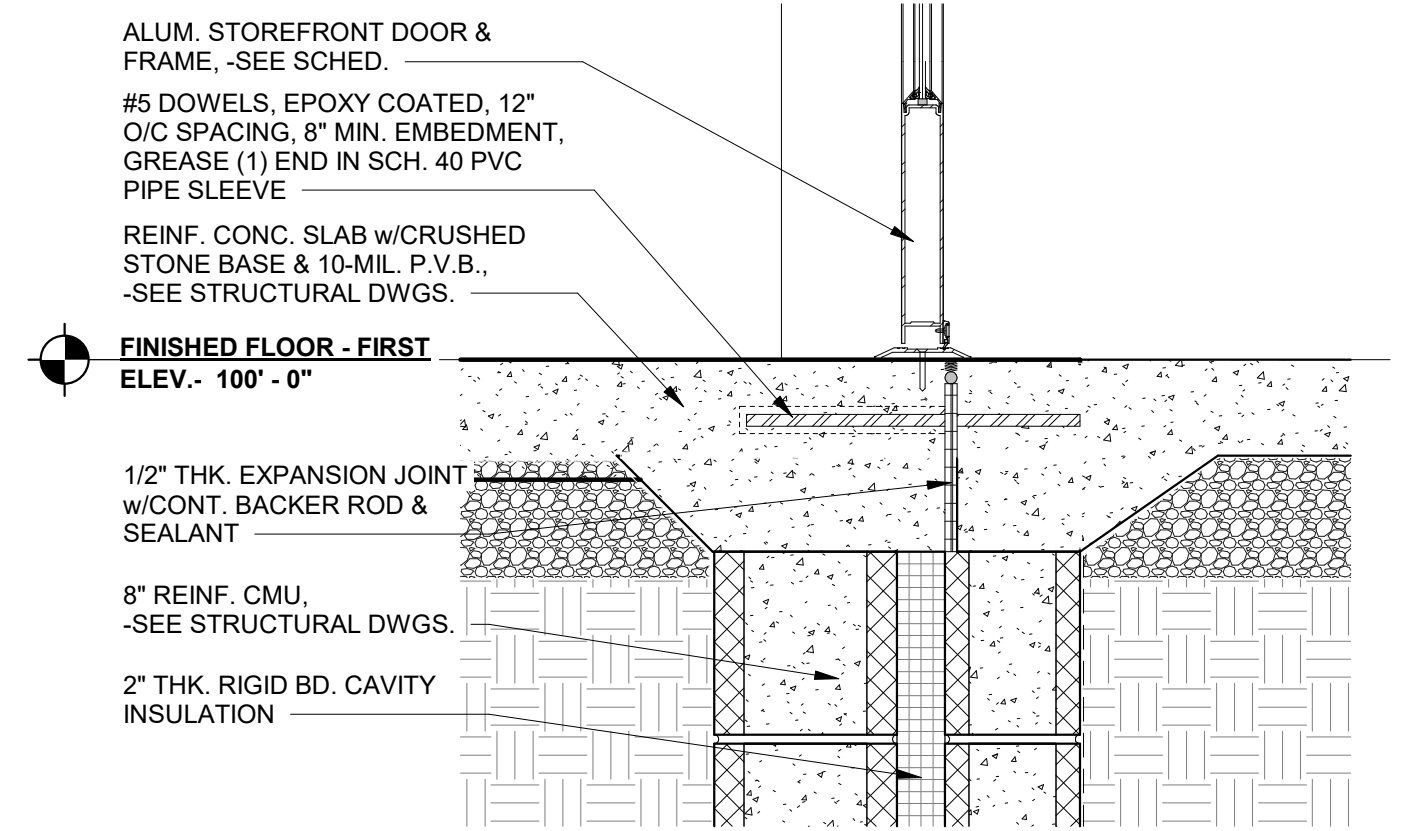
10  
A2.4  
HORIZONTAL MULLION @ ALUM. CURTAIN WALL  
3" = 1'-0"



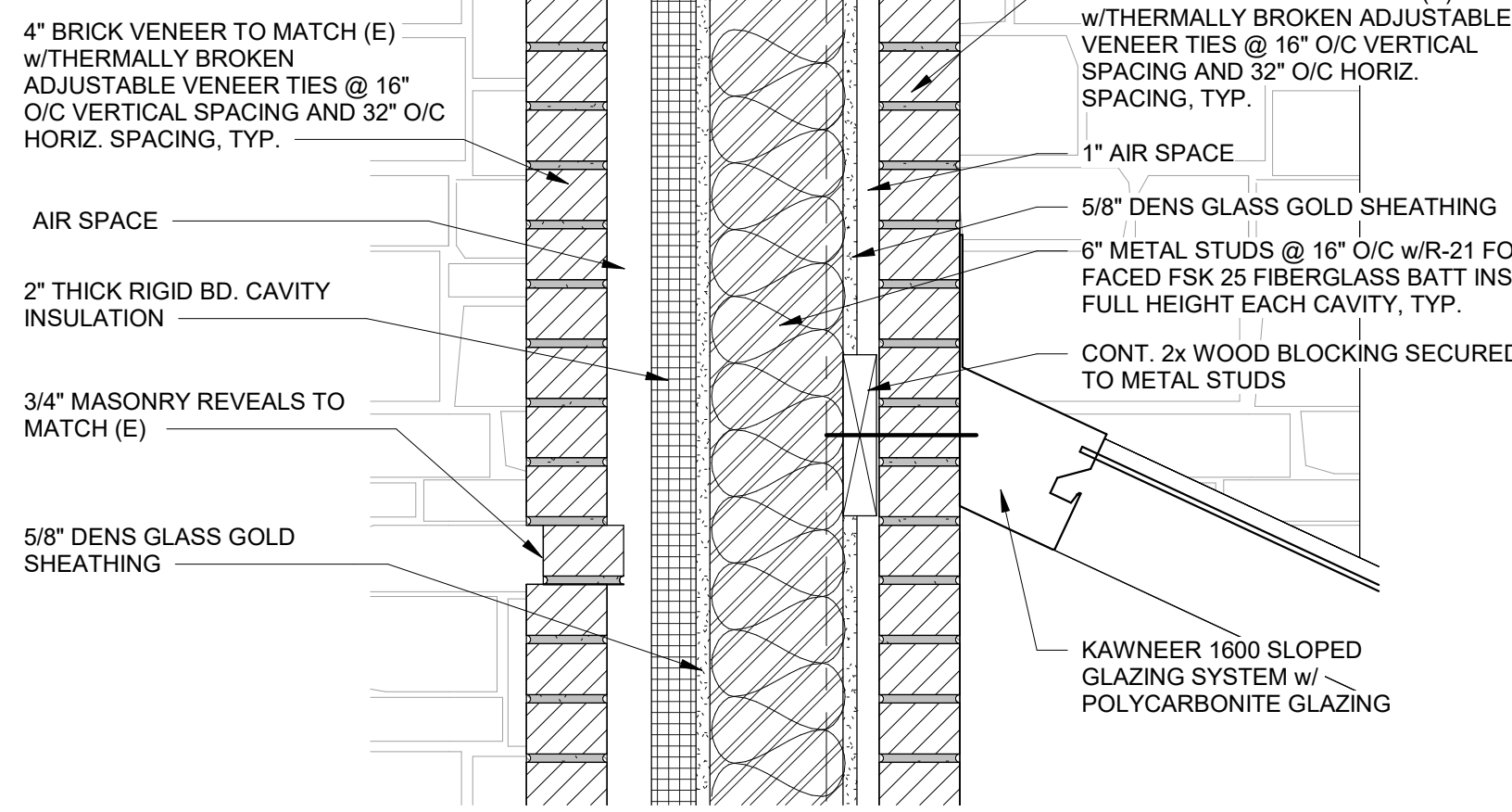
9  
A2.4  
VERTICAL MULLION @ ALUM. CURTAIN WALL  
3" = 1'-0"



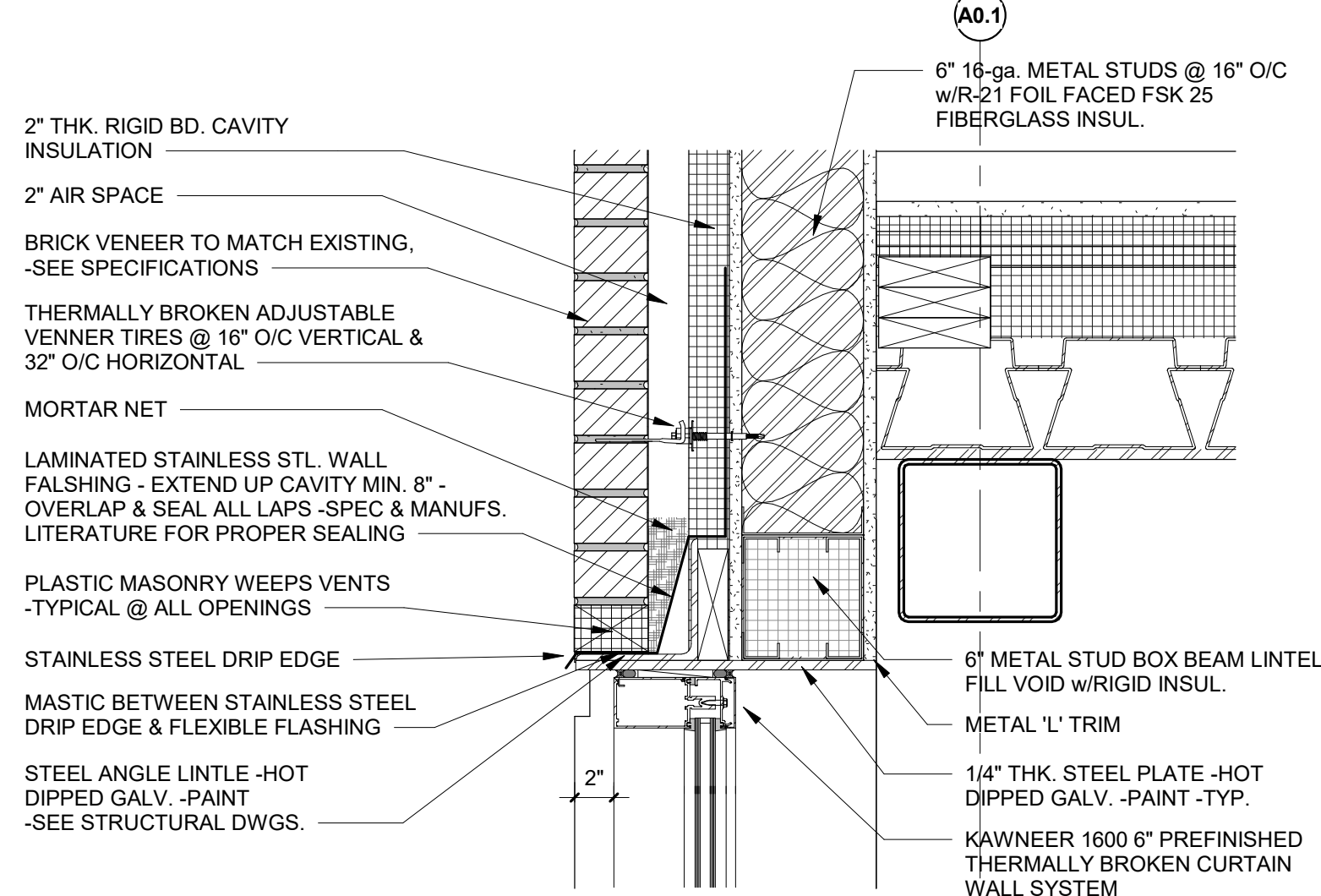
8  
A2.4  
STOREFRONT ENTRANCE HEAD DETAIL  
1 1/2" = 1'-0"



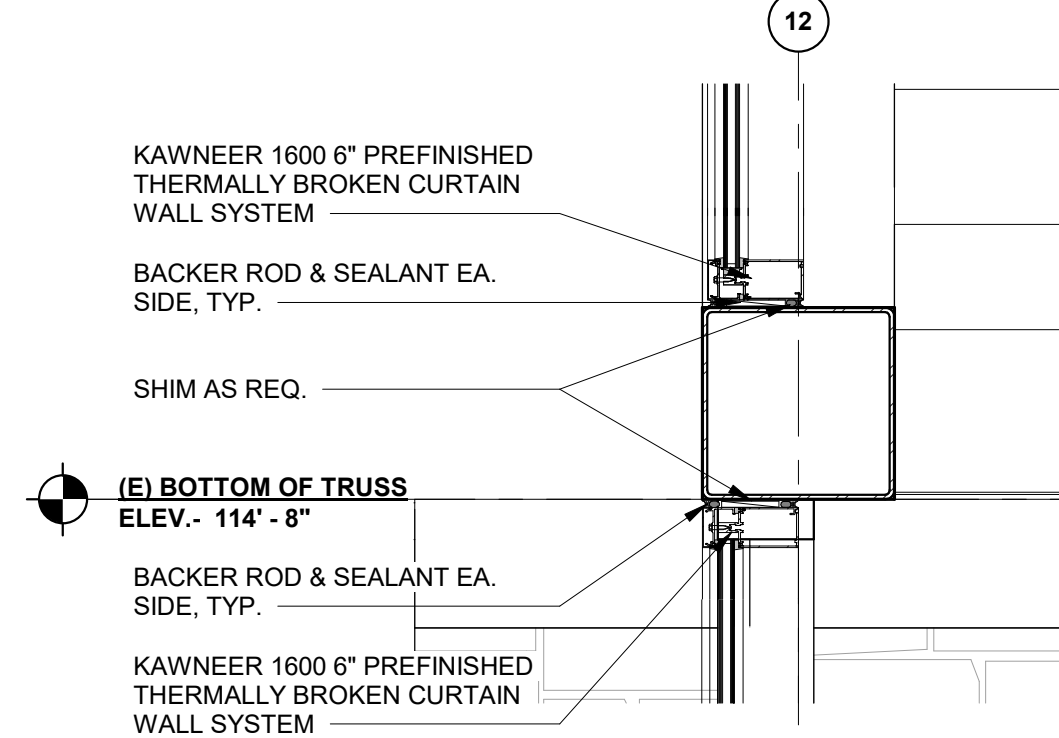
7  
A2.4  
ALUM. STOREFRONT DOOR SILL DETAIL  
1 1/2" = 1'-0"



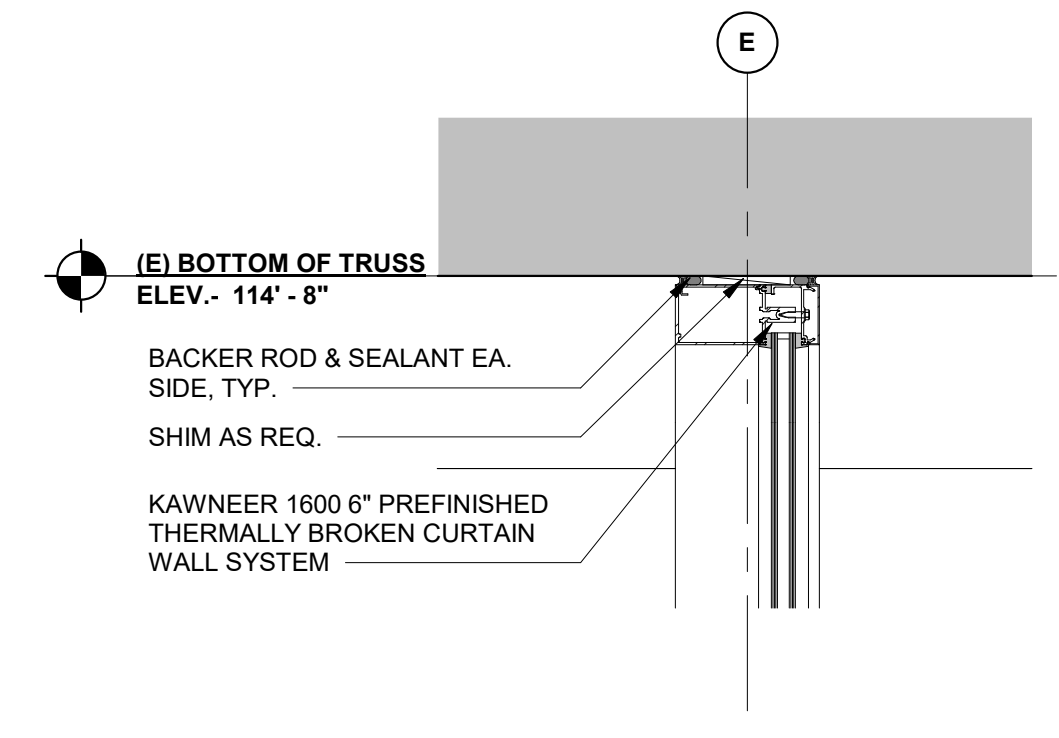
12  
A2.4  
HEAD DETAIL @ SLOPED GLAZING  
1 1/2" = 1'-0"



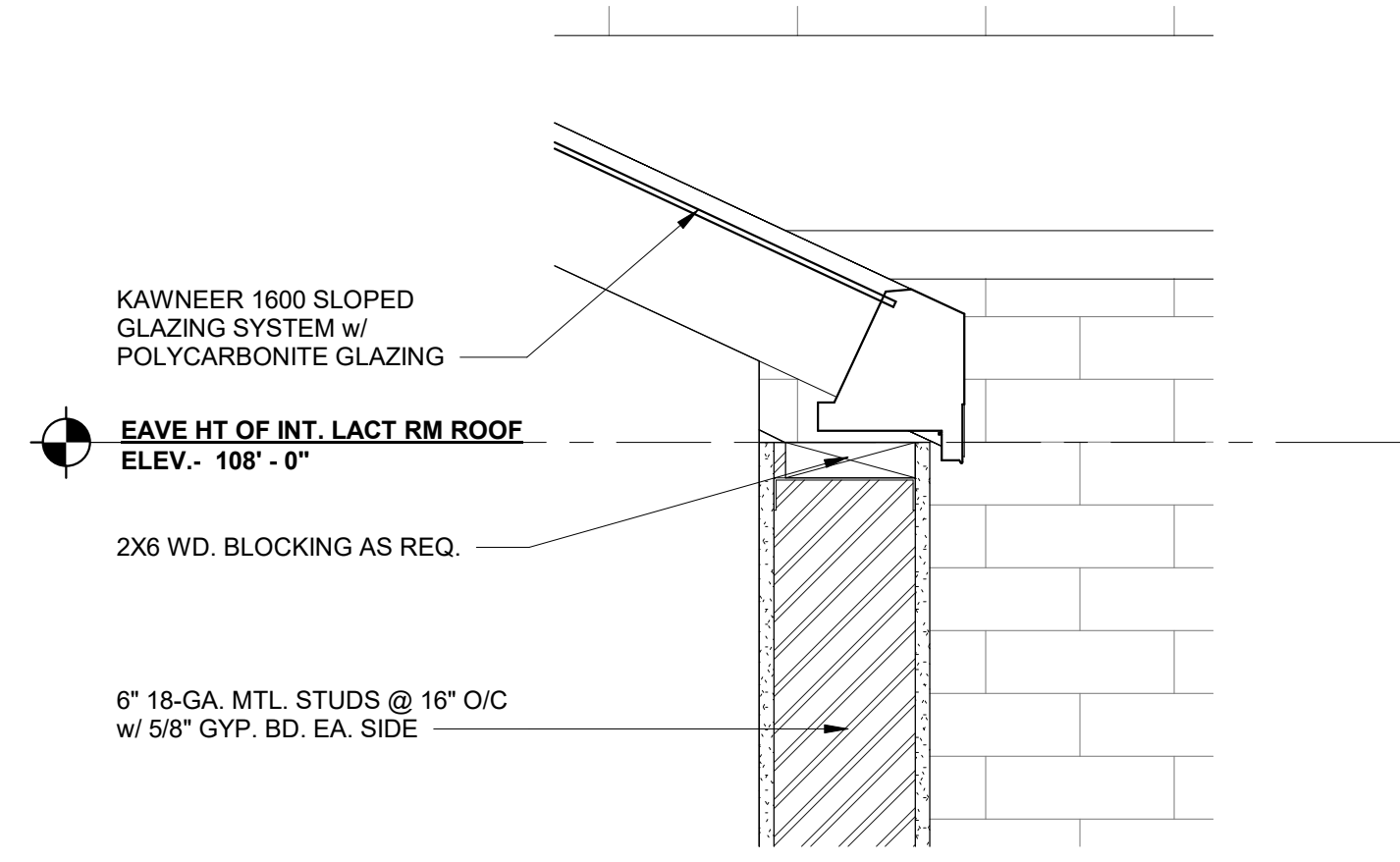
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A2.4  
CW-3 HEAD DETAIL  
1 1/2" = 1'-0"



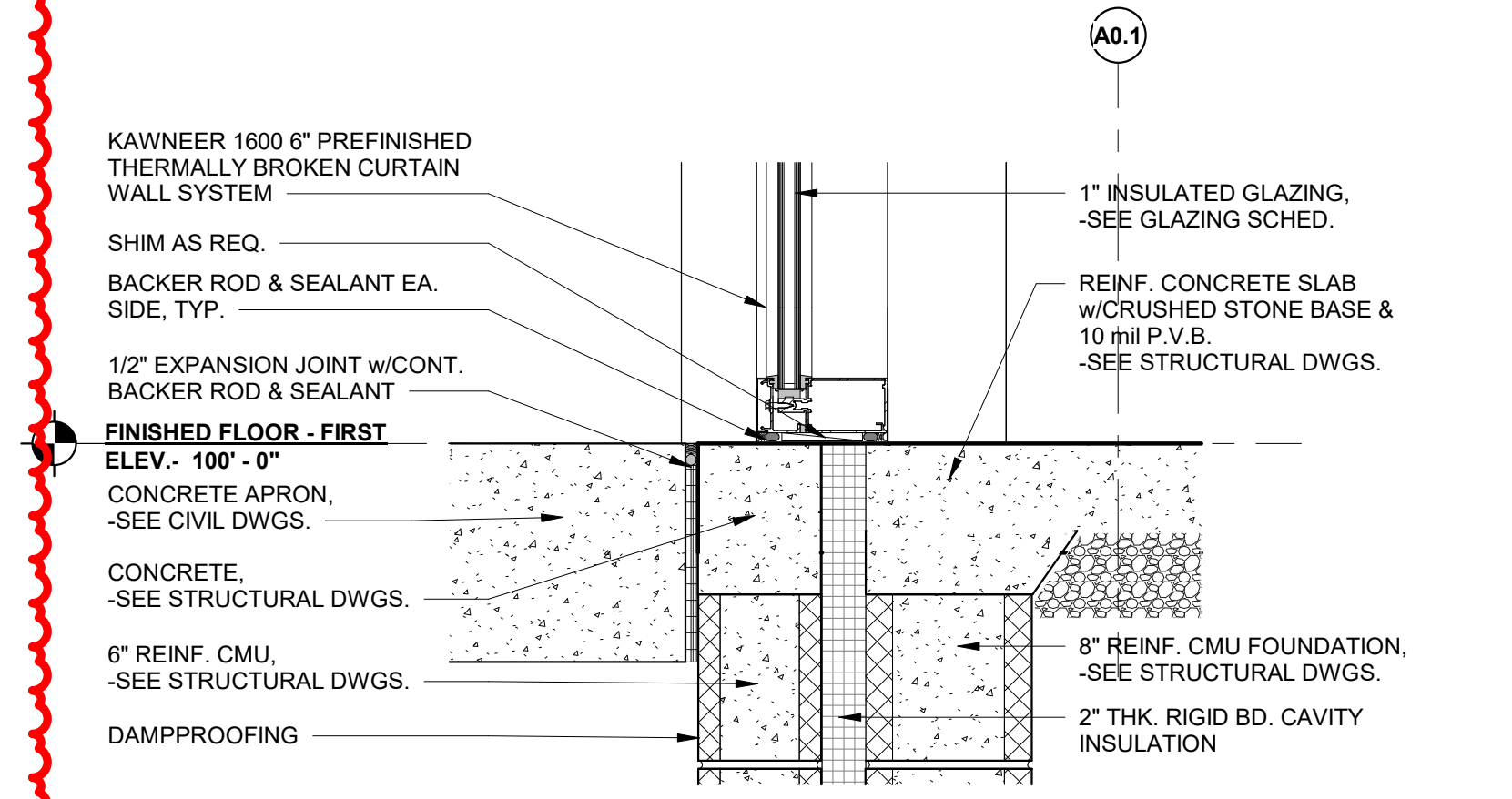
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A2.4  
CW-2 HEAD DETAIL  
1" = 1'-0"



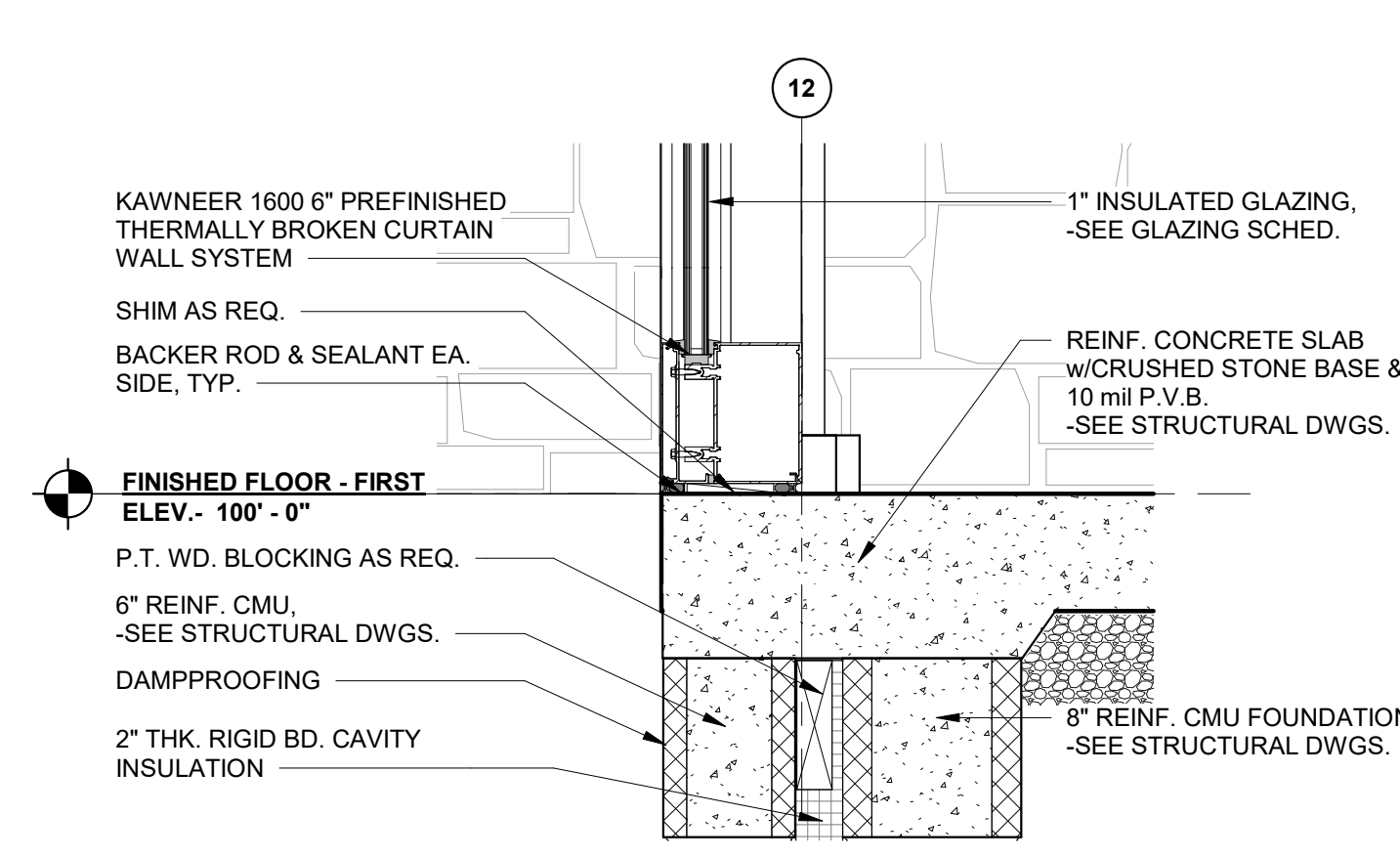
2  
A2.4  
CW-1 HEAD DETAIL  
1 1/2" = 1'-0"



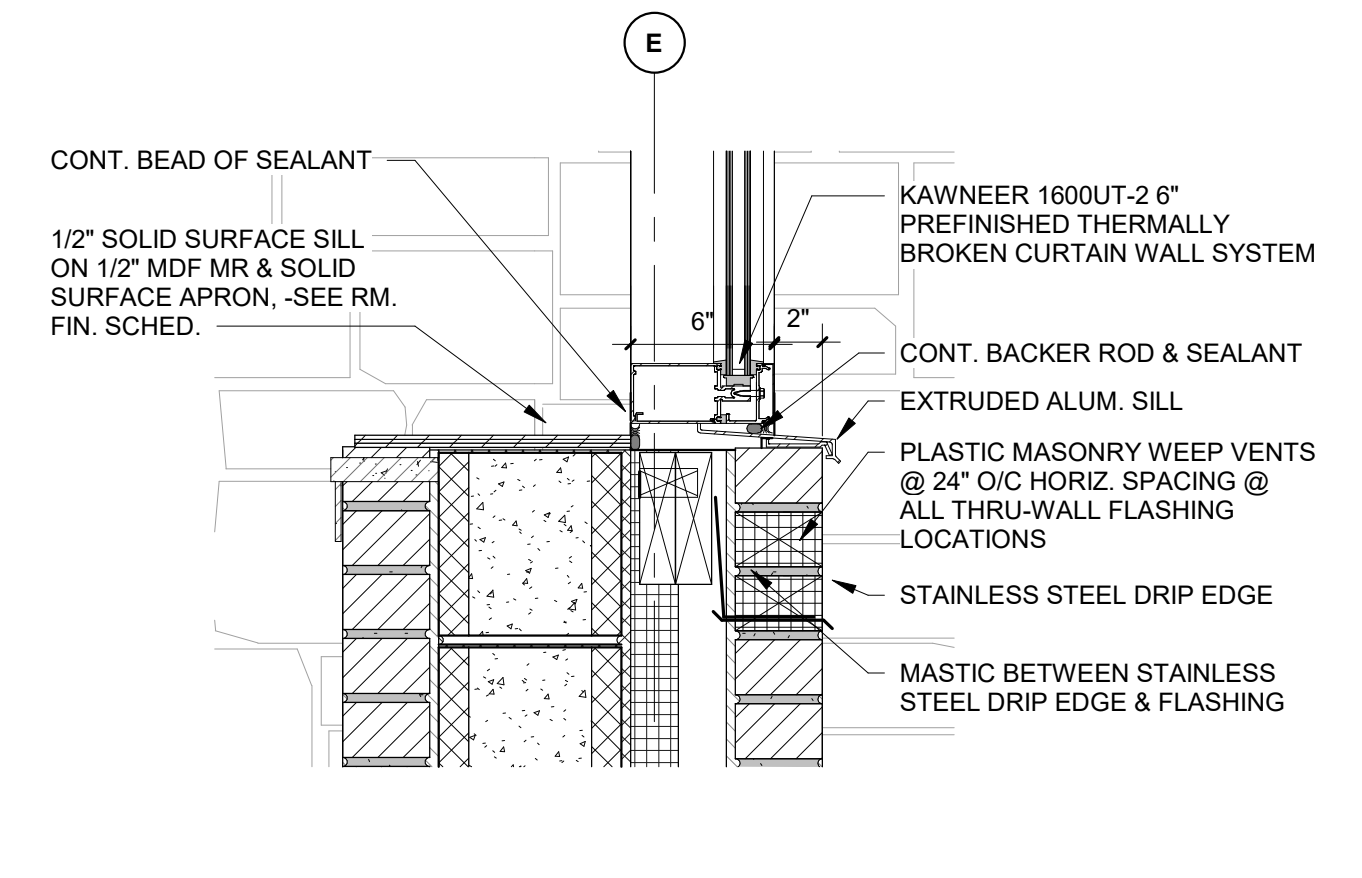
11  
A2.4  
SILL DETAIL @ SLOPED GLAZING  
1 1/2" = 1'-0"



5  
A2.4  
CW-3 SILL DETAIL  
1 1/2" = 1'-0"



3  
A2.4  
CW-2 SILL DETAIL  
1 1/2" = 1'-0"



1  
A2.4  
CW-1 SILL DETAIL  
1 1/2" = 1'-0"





1. ALL LIGHTING FIXTURES, RECEPTACLES, BRANCH CIRCUIT WIRING AND CONDUIT, TELECOM/DATA OUTLETS, PANELBOARDS, SWITCHES, FIRE ALARM DEVICES, AND OUTLET BOX ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

- 1 EXISTING 2" SECURITY CONDUIT TO IT ROOM FOR FIBER ROUTING TO EXTERIOR GATE. RETAIN CONDUIT FROM EXISTING JUNCTION BOX TO IT ROOM FOR REUSE UNDER NEW WORK.
- 2 REMOVE EXISTING 2" SECURITY CONDUIT FROM BUILDING PENETRATION TO EXISTING JUNCTION BOX. RELOCATE EXISTING BUILDING PENETRATION AS SHOWN ON NEW WORK DRAWING.
- 3 EXISTING IT ROOM FOR TERMINATION OF FIBER TO EXTERIOR GATE.
- 4 EXISTING IT ROOM LOCATION.

THE EXISTING BUILDING PLANS HAVE BEEN UTILIZED FOR DEMOLITION PLANS TO ASSIST THE CONTRACTOR IN THE PREPARATION OF THEIR CONSTRUCTION BIDS. IT IS THE INTENT OF THE DEMOLITION PLANS TO GIVE THE CONTRACTOR A BETTER IDEA OF THE FULL SCOPE OF EQUIPMENT AND MATERIAL TO BE REMOVED. WHILE EVERY EFFORT HAS BEEN MADE TO CONFIRM THE ACCURACY OF THESE ORIGINAL CONSTRUCTION DOCUMENTS, THEY ARE NOT MEANT TO ELIMINATE THE REQUIREMENT THAT ALL CONTRACTORS SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS WHICH THEY SHALL ENCOUNTER. THEY SHALL ALSO NOT BE CONSIDERED AS-BUILT DOCUMENTS AND DEVIATIONS FROM THEM TO ACTUAL ORIGINAL CONSTRUCTION ARE TO BE EXPECTED.

FAA AIP No.: 3-24-0019-XX-2025  
 Bid No.: PUR-1751  
 MAA Grant No.: MAA-GR-XX-XXX  
 SUBMISSION:  
 BID SET  
 SHEET No.: **E1-1**  
**95** OF **102**

This architectural floor plan depicts a large building with a complex layout. The plan includes numerous rooms, corridors, and service areas. Key areas are labeled with codes such as L1, R5, TSA, REF, DP SECTION 1, DP SECTION 2, ATS, SUB, ER, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100. A large area on the right side of the plan is outlined with a dashed line and labeled 'DEMOLITION PLAN'. This area contains various rooms and corridors, including those labeled 'SSCP', 'TD ER', 'FACP', 'EVB-06', 'EVB-07 (XR)', 'EVB-09 (XR)', 'EVB-10', 'EVB-11', 'EVB-12', 'EVB-13', 'EVB-14', 'EVB-15', 'EVB-16', 'EVB-17', 'EVB-18', 'EVB-19', 'EVB-20', 'EVB-21', 'EVB-22', 'EVB-23', 'EVB-24', 'EVB-25', 'EVB-26', 'EVB-27', 'EVB-28', 'EVB-29', 'EVB-30', 'EVB-31', 'EVB-32', 'EVB-33', 'EVB-34', 'EVB-35', 'EVB-36', 'EVB-37', 'EVB-38', 'EVB-39', 'EVB-40', 'EVB-41', 'EVB-42', 'EVB-43', 'EVB-44', 'EVB-45', 'EVB-46', 'EVB-47', 'EVB-48', 'EVB-49', 'EVB-50', 'EVB-51', 'EVB-52', 'EVB-53', 'EVB-54', 'EVB-55', 'EVB-56', 'EVB-57', 'EVB-58', 'EVB-59', 'EVB-60', 'EVB-61', 'EVB-62', 'EVB-63', 'EVB-64', 'EVB-65', 'EVB-66', 'EVB-67', 'EVB-68', 'EVB-69', 'EVB-70', 'EVB-71', 'EVB-72', 'EVB-73', 'EVB-74', 'EVB-75', 'EVB-76', 'EVB-77', 'EVB-78', 'EVB-79', 'EVB-80', 'EVB-81', 'EVB-82', 'EVB-83', 'EVB-84', 'EVB-85', 'EVB-86', 'EVB-87', 'EVB-88', 'EVB-89', 'EVB-90', 'EVB-91', 'EVB-92', 'EVB-93', 'EVB-94', 'EVB-95', 'EVB-96', 'EVB-97', 'EVB-98', 'EVB-99', 'EVB-100'. The plan also shows various structural elements, including walls, doors, windows, and stairs. A grid system is overlaid on the plan, with letters A through Z along the top and numbers 1 through 100 along the right side. A note in the bottom right corner states: 'NOTE: THE EXISTING BUILDING PLANS HAVE BEEN UTILIZED FOR DEMOLITION PLANS TO ASSURE ACCURACY OF THE DEMOLITION PLANS.' The plan is a detailed technical drawing, likely for a construction or demolition project.

E1-1  $1/8'' = 1'-0''$

6011 UNIVERSITY BLVD.  
SUITE 490  
ELLICOTT CITY, MD 21043  
PHONE: 410-465-9600  
FAX: 410-465-9602



Professional Certification:

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 45511  
Expiration Date: 06/03/2026

APPROVED: CPM


DESCRIPTION  
ADDENDUM 4



# HAGERSTOWN REGIONAL AIRPORT

Washington County, MD

## TERMINAL BUILDING EXPANSION

## DEMOLITION FIRST FLOOR PLAN - ELECTRICAL

As indicated

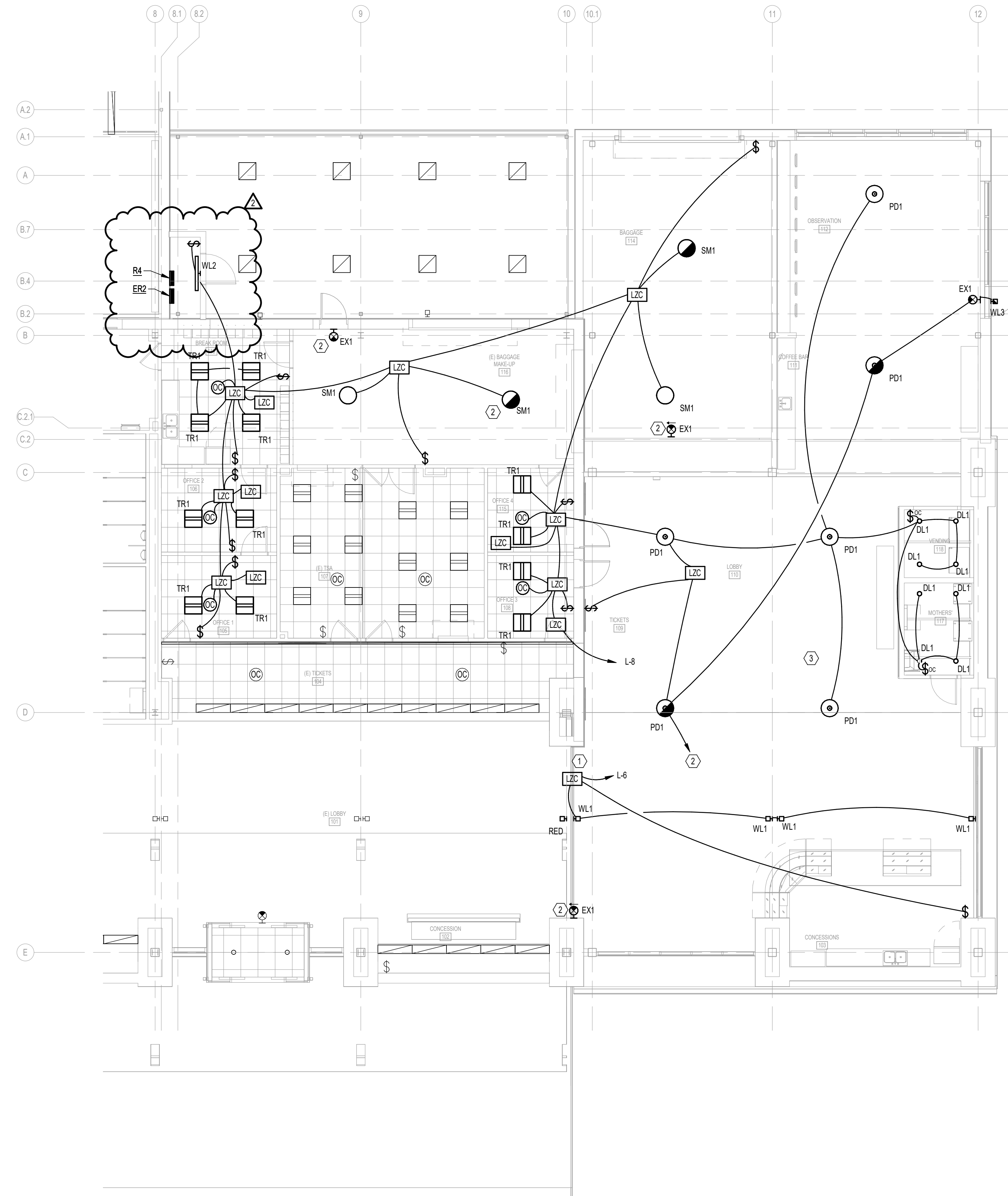
MAY 2025

GENERAL NOTES

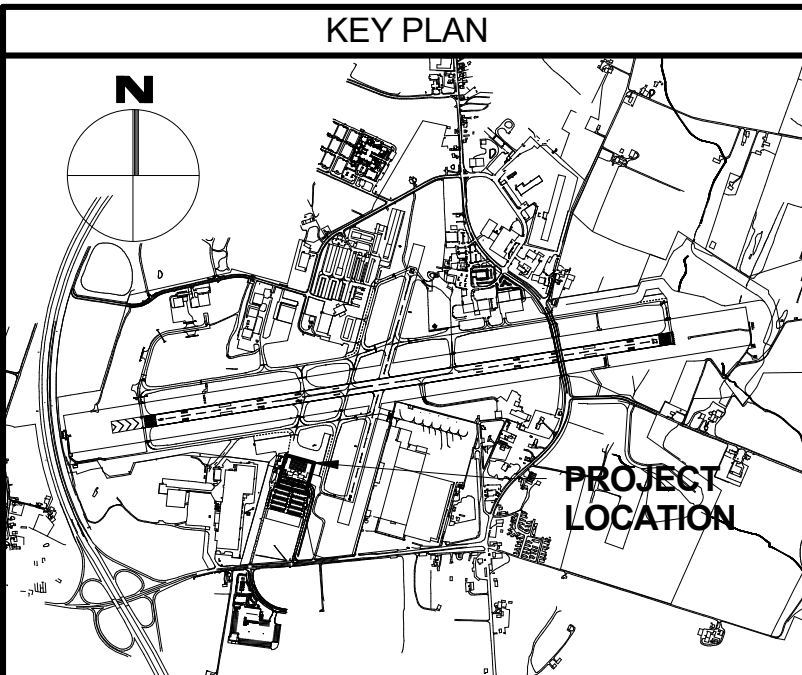
- COORDINATE EXACT MOUNTING HEIGHT ABOVE FINISHED FLOOR AND LENGTH OF SUSPENSION CABLE REQUIRED WITH ARCHITECT. COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH IN. PROVIDE AND MOUNT TO A SWIVEL CANOPY.
- COORDINATE EXACT HEIGHT, LOCATION AND FINISH OF ALL FIXTURES WITH ARCHITECT PRIOR TO ROUGH IN.
- LOBBY LIGHTING TO BE CONTROLLED BY EXISTING LMZC-301 ZONE CONTROLLER.
- ALL EXIT SIGNS MUST BE CONNECTED TO NORMAL/EMERGENCY POWER CIRCUIT AHEAD OF SWITCHING AND LIGHTING CONTROL PANELS.

NUMBERED NOTES

- CONNECT TO EXISTING TIME CLOCK.
- CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT IN PANEL ER.
- ALL WIRING WITHIN THIS AREA WHERE METAL CEILING DECKING IS USED SHALL BE MC CABLE CONCEALED WITHIN DECKING SYSTEM TO THE LIGHT FIXTURE. COORDINATE WHERE ACCESS PANELS WILL BE REQUIRED AT FIXTURE LOCATIONS WITH THE GC. RUN CONDUIT ALONG THE PURLINE TO FEED THE ACCESS PANELS.



1 ENLARGED FIRST FLOOR PLAN - LIGHTING  
E2-1 1/8" = 1'-0"



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**BFM**  
BUSHEY FEIGHT MORIN ARCHITECTS  
473 NORTH POTOMAC STREET  
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301.733.5600 BFM PROJECT # 24043



Professional Certification:  
I hereby certify that these documents  
were prepared or approved by me,  
and that I am a duly licensed  
professional engineer under the laws  
of the State of Maryland.  
License No. 45511  
Expiration Date: 06/03/2026

DESIGNED: NAD	No. 2	DATE 06-18-2025	DESCRIPTION ADDENDUM 4
DRAWN: NAD			
CHECKED: ALD			
APPROVED: CPM			



**HAGERSTOWN  
REGIONAL AIRPORT**  
Washington County, MD

PROJECT TITLE:	
TERMINAL BUILDING EXPANSION	
SHEET TITLE:	
FIRST FLOOR PLAN - LIGHTING	
SCALE:	DATE:
As indicated	MAY 2025

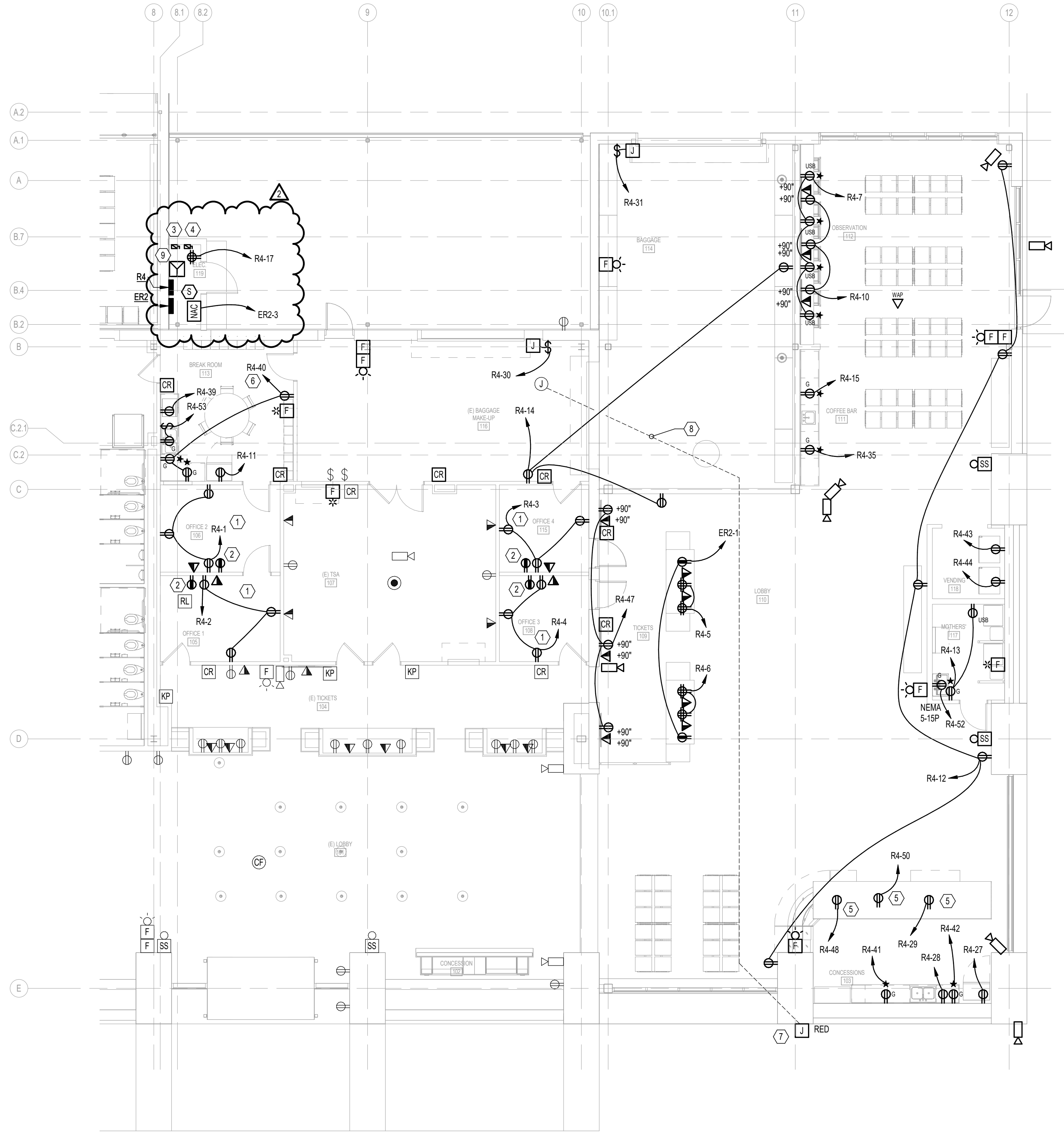
FAA AIP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET
SHEET No.: <b>E2-1</b> <b>96 OF 102</b>

GENERAL NOTES

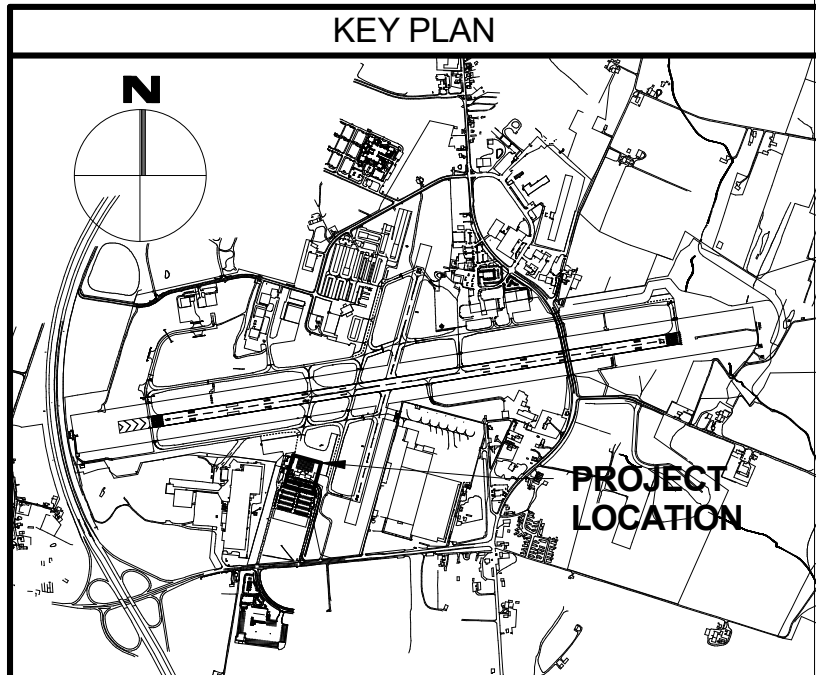
- ALL RECEPTACLES SHALL BE TAMPER RESISTANT UNLESS OTHERWISE NOTED.
- SECURITY CAMERAS BY OTHERS. COORDINATE WITH ARCHITECT PRIOR TO ROUGH IN. COORDINATE EXACT MODEL NUMBERS WITH HGR SECURITY TEAM.
- ALL VISUAL, AUDIO, AND AUDIOVISUAL DEVICES MUST BE SYNCHRONIZED.

NUMBERED NOTES

- RECEPTACLES IN ROOM SHALL BE SPLIT CONTROLLED BY OCCUPANCY SENSOR IN SPACE. RECEPTACLE SHALL BE LABELED AS SUCH.
- EMERGENCY RECEPTACLE SHALL NOT BE SPLIT CONTROLLED AND WILL BE ON PANEL ER2-2.
- 30A, 208V, 3P, NEMA 1, FUSED DISCONNECT, FUSED AT 30A.
- 100A, 208V, 3P, NEMA 1, FUSED DISCONNECT, FUSED AT 70A.
- RUN CONDUIT ALONG CASEWORK TO NEAREST FULL HEIGHT WALL.
- RECEPTACLES ON GENERAL PURPOSE CIRCUIT WITHIN ROOM SHALL BE SPLIT CONTROLLED BY OCCUPANCY SENSOR IN SPACE. RECEPTACLE SHALL BE LABELED AS SUCH.
- RELOCATE JUNCTION BOX FOR EXISTING FIBER LINE TO ACCESS GATE. RELOCATE UNDERGROUND 2" SCHEDULE 80 PVC CONDUIT FROM NEW JUNCTION BOX TO GATE LOCATION AS REQUIRED. MATCH EXISTING CONDITIONS. COORDINATE ALL WORK WITH CONCURRENT GATE RELOCATION PROJECT.
- EXTEND EXISTING 2" CONDUITS AS REQUIRED FOR RELOCATED FIBER CABLING TO EXTERIOR GATE.
- 15KVA TRANSFORMER STACKED OVER 45KVA TRANSFORMER.



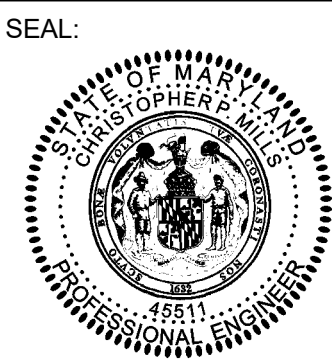
1 ENLARGED FIRST FLOOR PLAN - POWER & DATA  
E3-1 1/8" = 1'-0"



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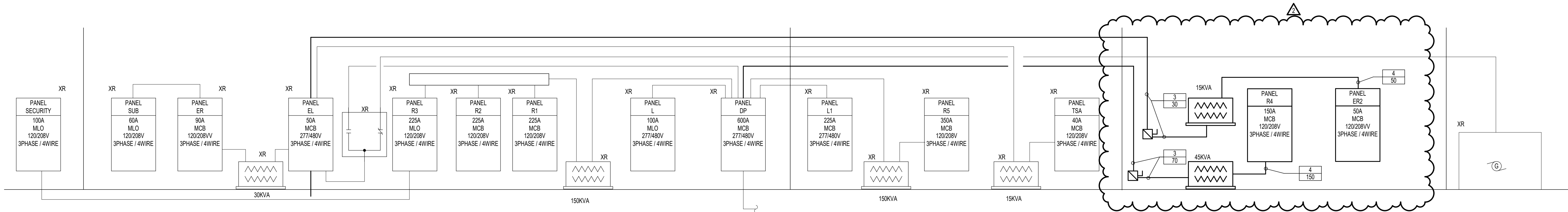
DESIGNED: NAD	No.	DATE	DESCRIPTION
DRAWN: NAD	1	06-12-2025	ADDENDUM 2
CHECKED: ALD	2	06-18-2025	ADDENDUM 4
APPROVED: CPM			



**HAGERSTOWN  
REGIONAL AIRPORT**  
Washington County, MD

PROJECT TITLE:	TERMINAL BUILDING EXPANSION	
SHEET TITLE:	FIRST FLOOR PLAN - POWER & DATA	
SCALE:	As indicated	DATE: MAY 2025

FAA AIP No.: 3-24-0019-XX-2025  
Bid No.: PUR-1751  
MAA Grant No.: MAA-GR-XX-XXX  
SUBMISSION: BID SET  
SHEET No.: **E3-1**  
**97 OF 102**



1  
E6-1  
NEW RISER DIAGRAM  
NO SCALE

BRANCH CIRCUIT & FEEDER SCHEDULE - COPPER CONDUCTORS

UPDATED 01-01-2013

COPPER CONDUCTOR: THHN / THWN INSULATION, 600 V

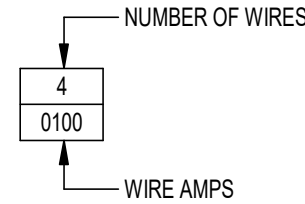
NOTE: THIS TABLE IS FOR FEEDERS AND BRANCH CIRCUITS. IT IS NOT TO BE USED FOR SERVICE ENTRANCE, MOTORS, OR TRANSFORMERS.

USE FOR ALL METAL CONDUITS & PVC - 40 & PVC - 80

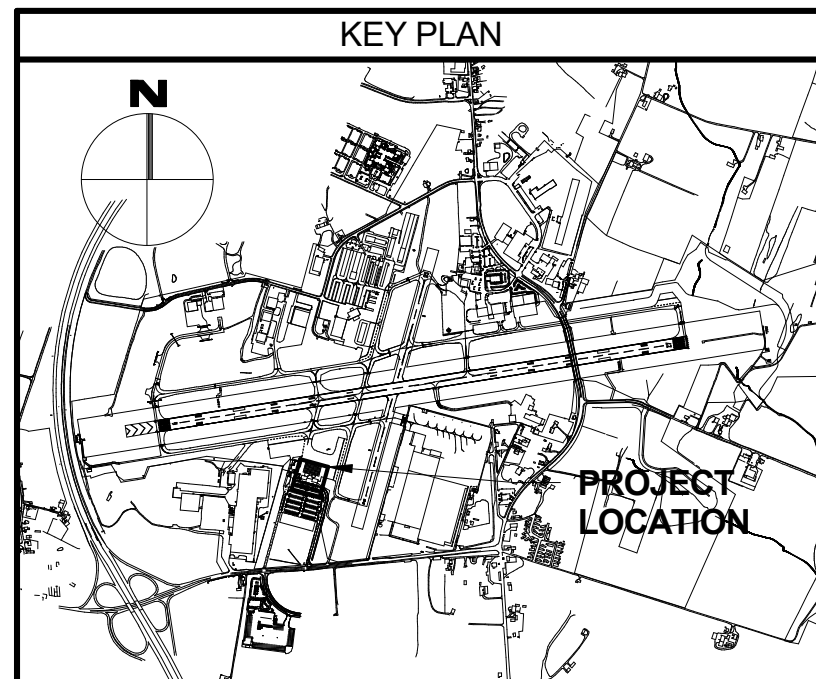
SERVICE OCP RATING (AMPS)	TYPE 2 (1 PHASE - 2W)	TYPE 3 (1 PHASE - 3W ; 3 PHASE - 3W)	TYPE 4 (3 PHASE - 4W)
20	2 #12, 1 #12 GND - 3/4"C	3 #12, 1 #12 GND - 3/4"C	4 #12, 1 #12 GND - 3/4"C
25	2 #10, 1 #10 GND - 3/4"C	3 #10, 1 #10 GND - 3/4"C	4 #10, 1 #10 GND - 3/4"C
30	2 #10, 1 #10 GND - 3/4"C	3 #10, 1 #10 GND - 3/4"C	4 #10, 1 #10 GND - 3/4"C
35	2 #8, 1 #10 GND - 3/4"C	3 #8, 1 #10 GND - 3/4"C	4 #8, 1 #10 GND - 1"C
40	2 #8, 1 #10 GND - 3/4"C	3 #8, 1 #10 GND - 3/4"C	4 #8, 1 #10 GND - 1"C
45	2 #6, 1 #10 GND - 3/4"C	3 #6, 1 #10 GND - 1"C	4 #6, 1 #10 GND - 1"C
50	2 #6, 1 #10 GND - 3/4"C	3 #6, 1 #10 GND - 1"C	4 #6, 1 #10 GND - 1"C
60	2 #4, 1 #10 GND - 3/4"C	3 #4, 1 #10 GND - 1"C	4 #4, 1 #10 GND - 1 1/4"C
70	2 #4, 1 #8 GND - 1"C	3 #4, 1 #8 GND - 1"C	4 #4, 1 #8 GND - 1 1/4"C
80	2 #3, 1 #8 GND - 1"C	3 #3, 1 #8 GND - 1 1/4"C	4 #3, 1 #8 GND - 1 1/4"C
90	2 #2, 1 #8 GND - 1"C	3 #2, 1 #8 GND - 1 1/4"C	4 #2, 1 #8 GND - 1 1/2"C
100	2 #1, 1 #8 GND - 1 1/4"C	3 #1, 1 #8 GND - 1 1/4"C	4 #1, 1 #8 GND - 1 1/2"C
110	2 #1, 1 #6 GND - 1 1/4"C	3 #1, 1 #6 GND - 1 1/4"C	4 #1, 1 #6 GND - 1 1/2"C
125	2 #1, 1 #6 GND - 1 1/4"C	3 #1, 1 #6 GND - 1 1/4"C	4 #1, 1 #6 GND - 1 1/2"C
150	2 #10, 1 #6 GND - 1 1/4"C	3 #10, 1 #6 GND - 1 1/2"C	4 #10, 1 #6 GND - 2"C
175	2 #20, 1 #6 GND - 1 1/2"C	3 #20, 1 #6 GND - 2"C	4 #20, 1 #6 GND - 2"C
200	2 #30, 1 #6 GND - 1 1/2"C	3 #30, 1 #6 GND - 2"C	4 #30, 1 #6 GND - 2"C
225	2 #40, 1 #4 GND - 2"C	3 #40, 1 #4 GND - 2"C	4 #40, 1 #4 GND - 2 1/2"C
250	2-250 KCML, 1 #4 GND - 2"C	3-250 KCML, 1 #4 GND - 2 1/2"C	4-250 KCML, 1 #4 GND - 2 1/2"C
300	2-350 KCML, 1 #4 GND - 2 1/2"C	3-350 KCML, 1 #4 GND - 3"C	4-350 KCML, 1 #4 GND - 3"C
350	2-500 KCML, 1 #3 GND - 3"C	3-500 KCML, 1 #3 GND - 3"C	4-500 KCML, 1 #3 GND - 3 1/2"C
400	2-600 KCML, 1 #3 GND - 3"C	3-600 KCML, 1 #3 GND - 3"C	4-600 KCML, 1 #3 GND - 4"C
450	2 SETS EACH: 2 #40, 1 #2 GND - 2"C	2 SETS EACH: 3 #40, 1 #2 GND - 2"C	2 SETS EACH: 4 #40, 1 #2 GND - 2 1/2"C
500	2 SETS EACH: 2-250 KCML, 1 #2 GND - 2"C	2 SETS EACH: 3-250 KCML, 1 #2 GND - 2 1/2"C	2 SETS EACH: 4-250 KCML, 1 #2 GND - 2 1/2"C
600	2 SETS EACH: 2-350 KCML, 1 #1 GND - 3"C	2 SETS EACH: 3-350 KCML, 1 #1 GND - 3"C	2 SETS EACH: 4-350 KCML, 1 #1 GND - 3 1/2"C
700	2 SETS EACH: 2-500 KCML, 1 #10 GND - 3"C	2 SETS EACH: 3-500 KCML, 1 #10 GND - 3"C	2 SETS EACH: 4-500 KCML, 1 #10 GND - 3 1/2"C
800	2 SETS EACH: 2-600 KCML, 1 #10 GND - 3"C	2 SETS EACH: 3-600 KCML, 1 #10 GND - 3 1/2"C	2 SETS EACH: 4-600 KCML, 1 #10 GND - 4"C
1000	3 SETS EACH: 2-500 KCML, 1 #20 GND - 3"C	3 SETS EACH: 3-500 KCML, 1 #20 GND - 3"C	3 SETS EACH: 4-500 KCML, 1 #20 GND - 3 1/2"C
1200	3 SETS EACH: 2-600 KCML, 1 #30 GND - 3"C	3 SETS EACH: 3-600 KCML, 1 #30 GND - 3 1/2"C	3 SETS EACH: 4-600 KCML, 1 #30 GND - 4"C
1600	4 SETS EACH: 2-600 KCML, 1 #40 GND - 3"C	4 SETS EACH: 3-600 KCML, 1 #40 GND - 3 1/2"C	4 SETS EACH: 4-600 KCML, 1 #40 GND - 4"C
2000	5 SETS EACH: 2-600 KCML, 1-250 KCML GND - 3"C	5 SETS EACH: 3-600 KCML, 1-250 KCML GND - 3 1/2"C	5 SETS EACH: 4-600 KCML, 1-250 KCML GND - 4"C
2500	6 SETS EACH: 2-600 KCML, 1-350 KCML GND - 3"C	6 SETS EACH: 3-600 KCML, 1-350 KCML GND - 3 1/2"C	6 SETS EACH: 4-600 KCML, 1-350 KCML GND - 4"C
3000	8 SETS EACH: 2-500 KCML, 1-500 KCML GND - 3"C	8 SETS EACH: 3-500 KCML, 1-500 KCML GND - 3"C	8 SETS EACH: 4-500 KCML, 1-500 KCML GND - 4"C
3500	9 SETS EACH: 2-600 KCML, 1-500 KCML GND - 3"C	9 SETS EACH: 3-600 KCML, 1-500 KCML GND - 3 1/2"C	9 SETS EACH: 4-600 KCML, 1-500 KCML GND - 4"C
4000	10 SETS EACH: 2-600 KCML, 1-500 KCML GND - 3"C	10 SETS EACH: 3-600 KCML, 1-500 KCML GND - 3 1/2"C	10 SETS EACH: 4-600 KCML, 1-500 KCML GND - 4"C

NOTE: FOR CABLE INSULATION OTHER THAN THHN / THWN, SIZE CONDUIT PER NEC.

FEEDER TAG KEY



3  
E6-1  
BRANCH CIRCUIT & FEEDER SCHEDULE - COPPER CONDUCTORS  
NO SCALE



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Expiration Date: 06/03/2026

DESIGNED: NAD

DRAWN: NAD

CHECKED: ALD

APPROVED: CPM

No.	DATE	DESCRIPTION
1	06-12-2025	ADDENDUM 2
2	06-18-2025	ADDENDUM 4



**HAGERSTOWN  
REGIONAL AIRPORT**  
Washington County, MD

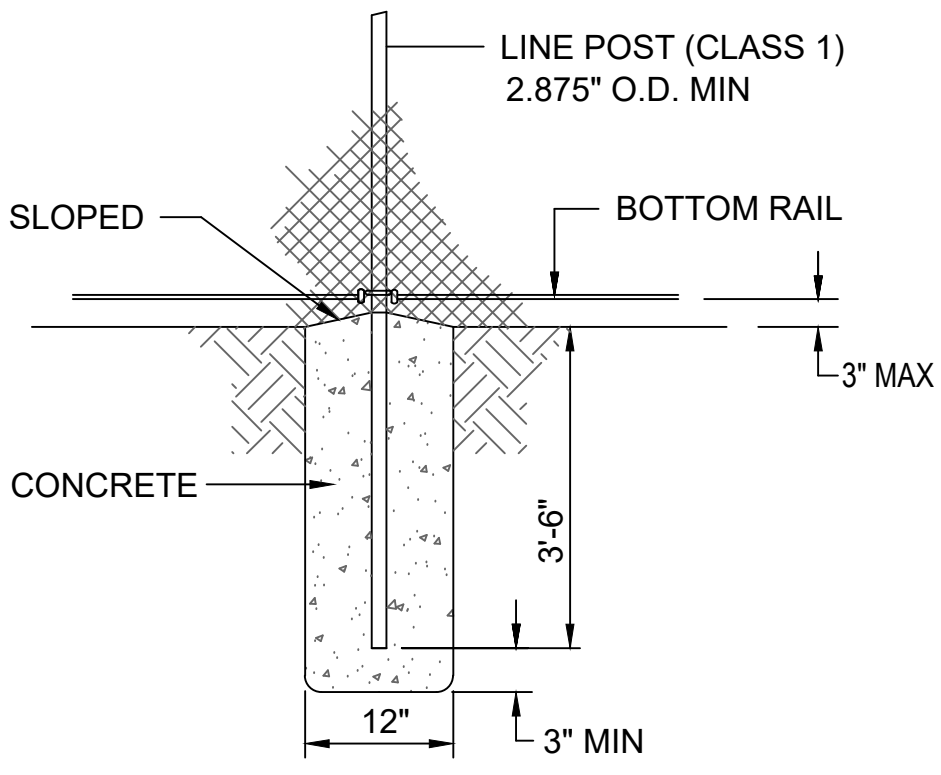
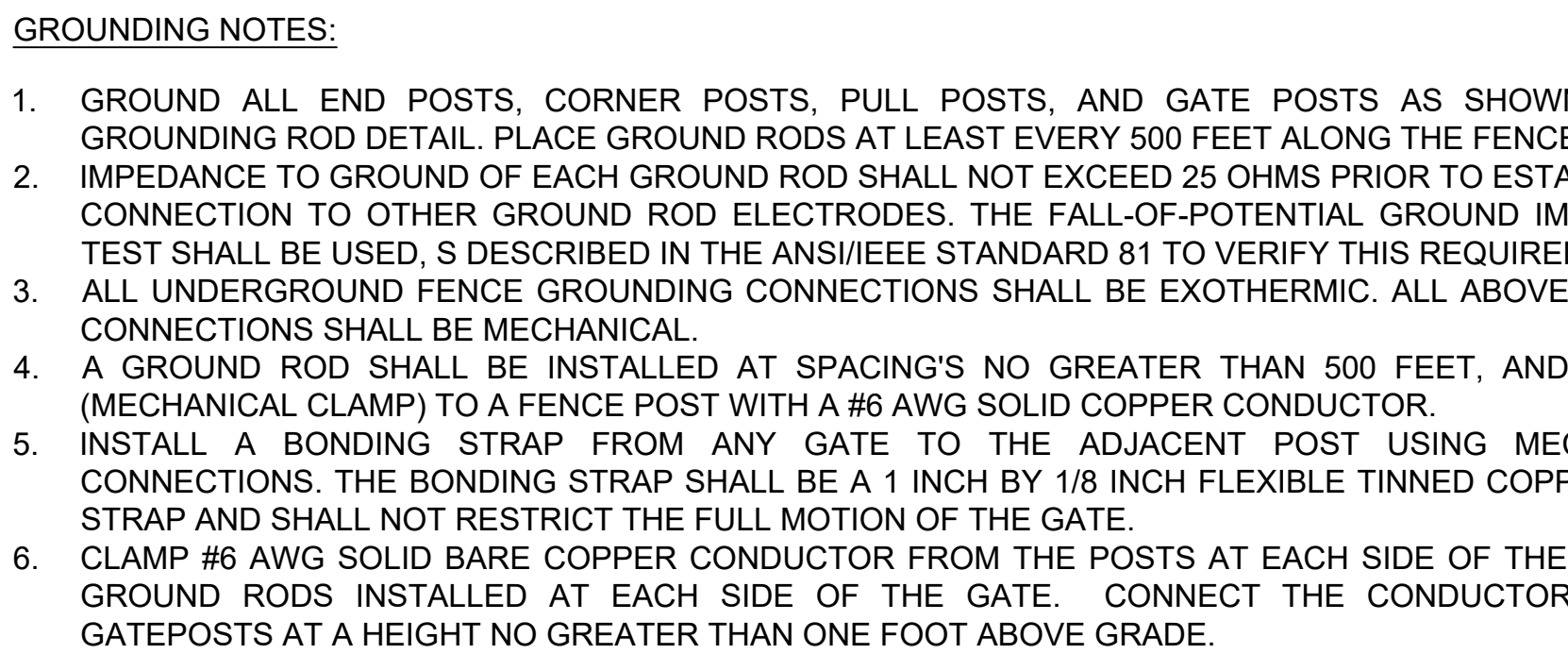
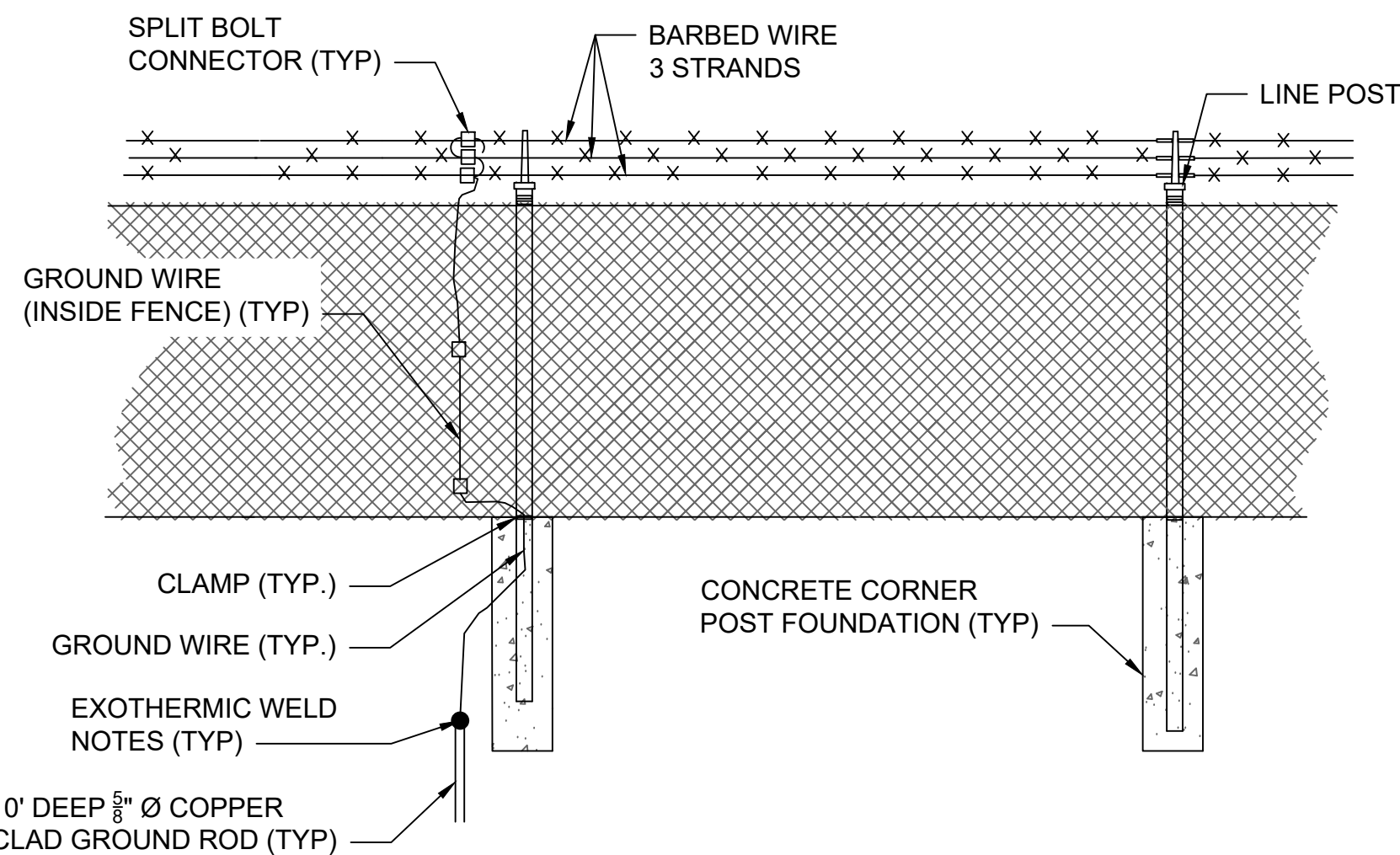
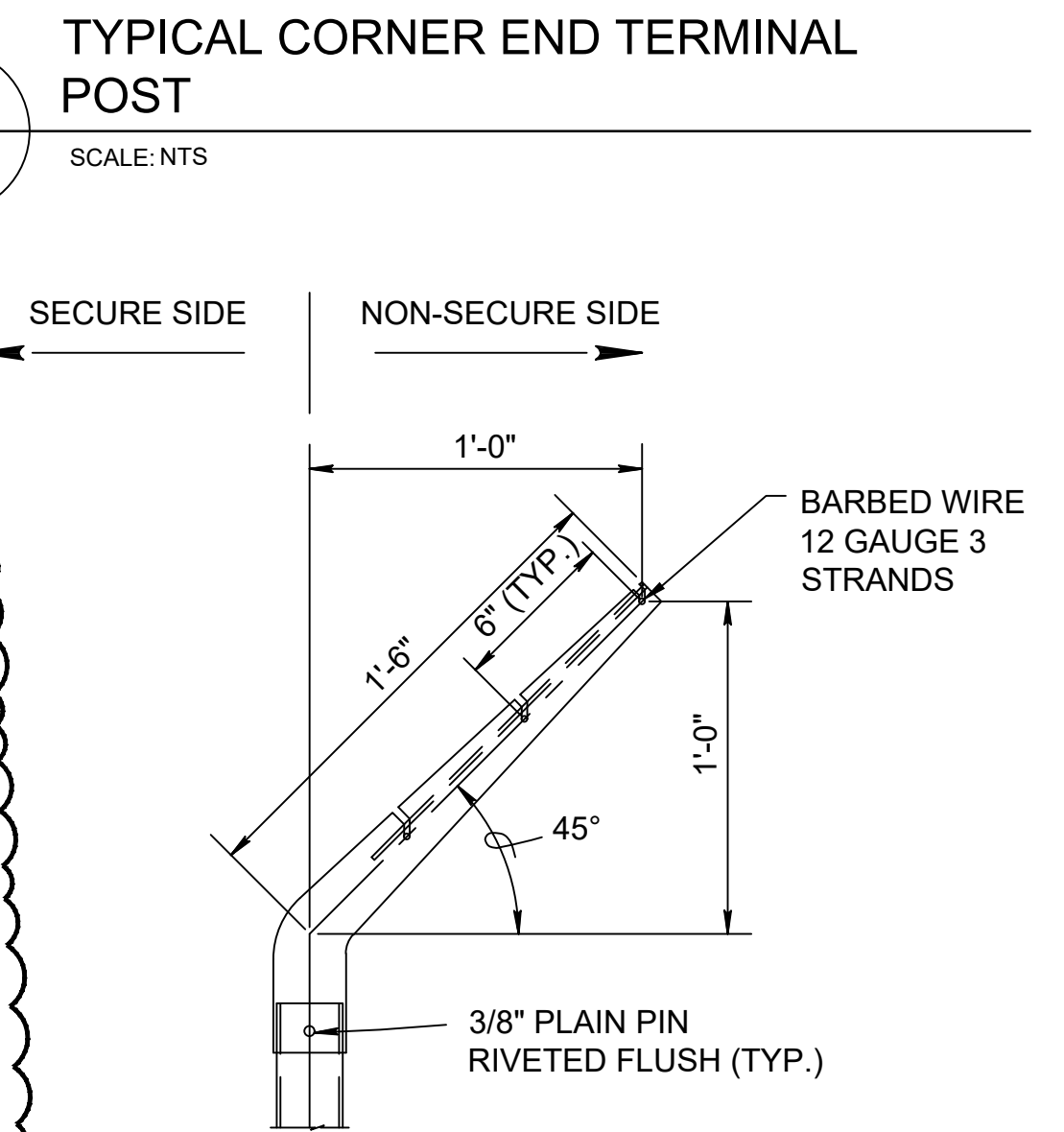
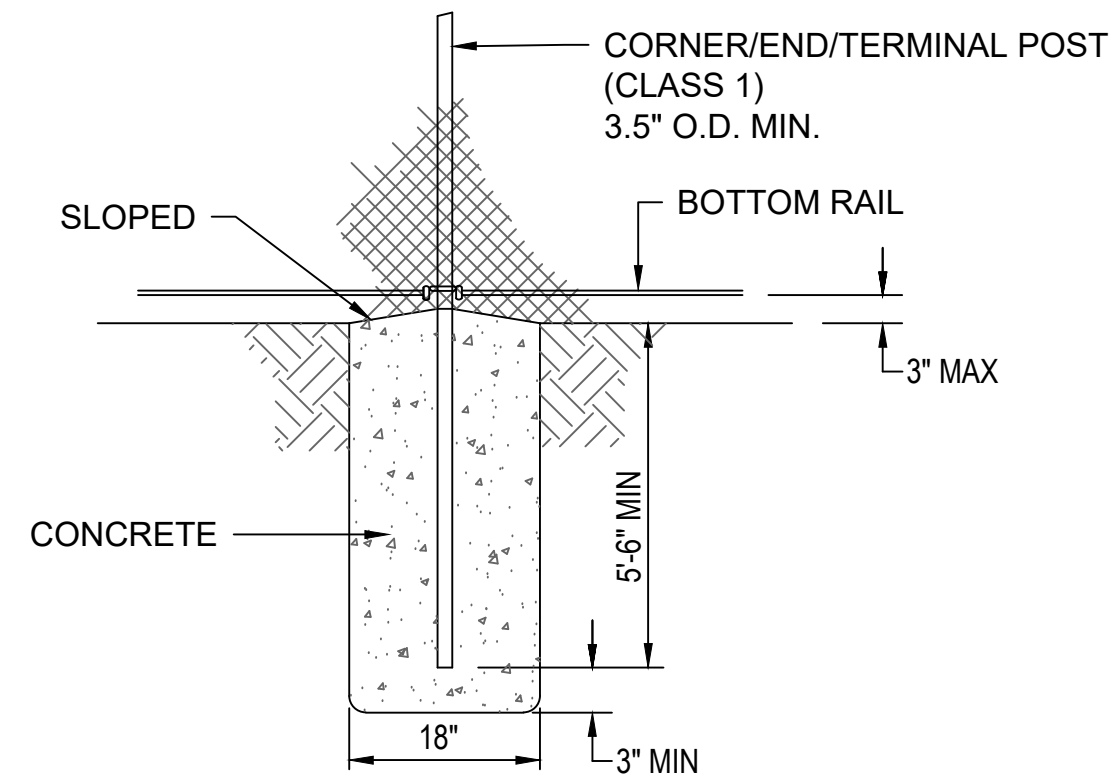
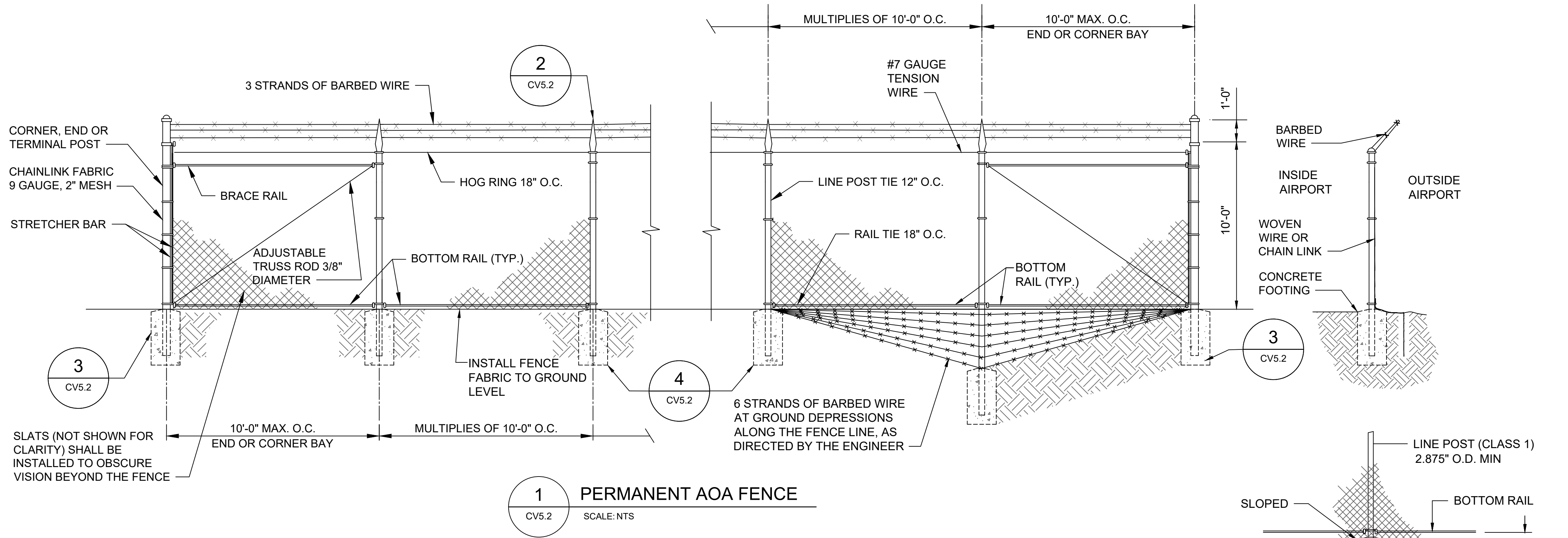
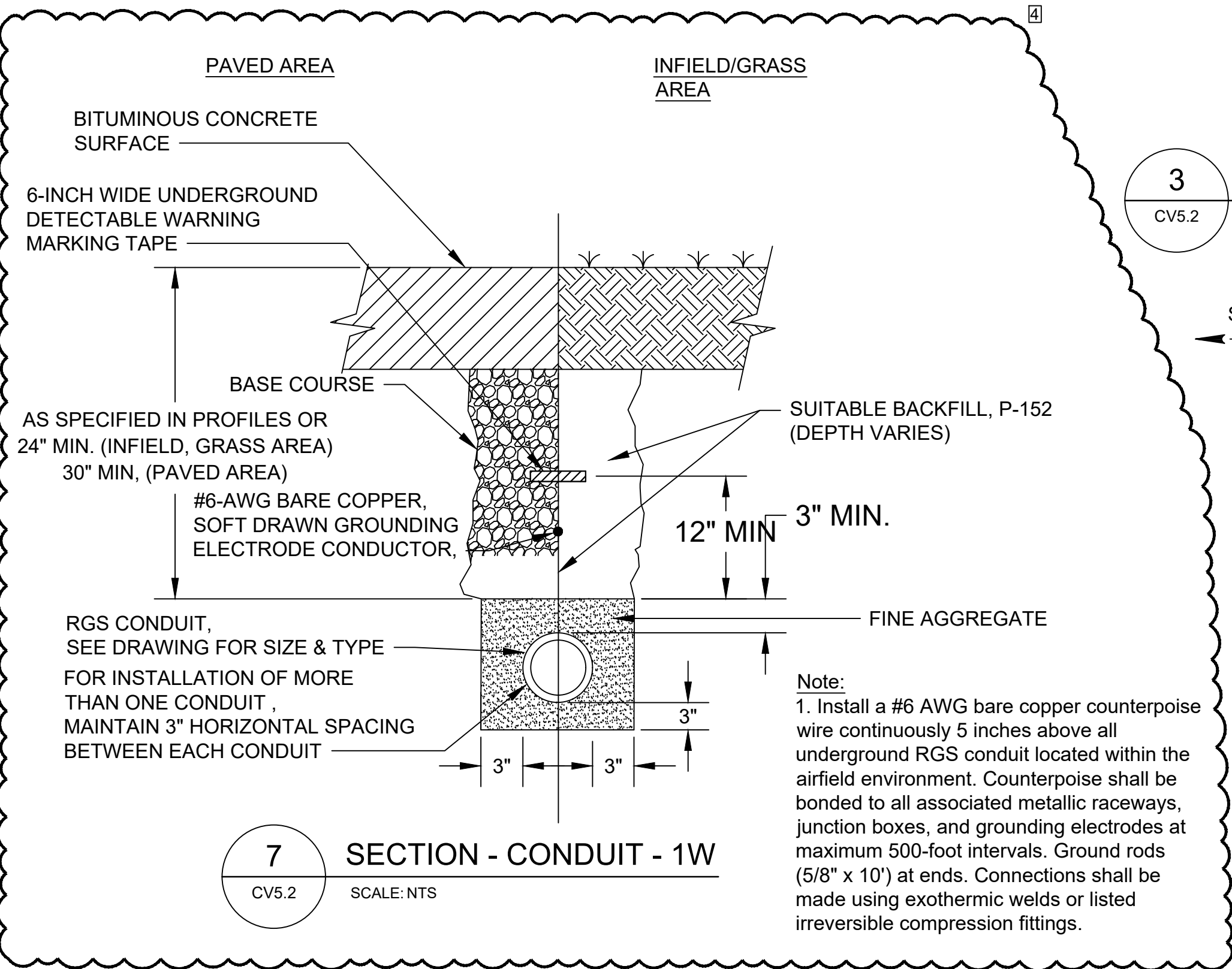
PROJECT TITLE:	TERMINAL BUILDING EXPANSION	
SHEET TITLE:	RISER DIAGRAMS	
SCALE:	NO SCALE	DATE: MAY 2025

FAA AIP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION:	BID SET
SHEET No.:	<b>E6-1</b>
	<b>100 OF 102</b>



FENCE NOTES:

- AIRPORT AOA WARNING SIGNS SHALL BE INSTALLED AT ≈200 FOOT INTERVALS MINIMUM ALONG THE NEW FENCE LINE, SEE DETAIL ON SHEET CV5.2.
- ALL DIMENSIONS, SIZES, GAUGES, WEIGHTS, THICKNESS SHOWN ARE THE MINIMUM ACCEPTABLE, UNLESS OTHERWISE INDICATED.
- THE FEDERAL SPECIFICATIONS SHOWN SHALL BE INTERPRETED TO MEAN THE LATEST ISSUE OR AMENDMENT OF SUCH SPECIFICATIONS, IN EFFECT OF THE DATE OF BIDDING.
- FAA SPECIFICATIONS SHOWN ARE FROM THE FEDERAL AVIATION ADMINISTRATION(FAA) STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS.
- MATERIALS AND CONSTRUCTION METHODS NOT DETAILED HEREIN, SHALL BE IN ACCORDANCE WITH THE FAA SPECIFICATION LISTED, UNLESS OTHERWISE NOTED ON CONTRACT PLANS.
- FENCE ARE MEASURED IN PLACE, FROM OUTSIDE TO OUTSIDE OF END CORNER OR GATE POSTS. MEASUREMENT DOES NOT INCLUDE GATE OPENINGS.
- FABRIC ON BOUNDARY AND SECURITY FENCE SHALL BE ON THE SIDE OF POSTS AWAY FROM AIRPORT PROPERTY. CHAIN LINK FABRIC SHALL BE 9 GAUGE WIRE WITH A 2" MESH AND SHALL MEET THE REQUIREMENTS OF ASTM A392, CLASS 2. SELVEGE SHALL BE TWISTED AND BARBED. BOTTOM SELVEGE SHALL BE TWISTED AND KNUCKLED.
- BARB WIRE SHALL BE ZINC COATED, MEETING ASTM A121, CLASS 3, OR ALUMINUM COATED MEETING ASTM A585, CLASS 2, AS APPROPRIATE. WIRE SHALL BE TWO STRANDED TWISTED NO. 12-1/2 ASW GAUGE STEEL, WITH FOUR POINT BARBS, NO 14 ASW GAUGE MINIMUM, ½ MINIMUM LENGTH, SPACED ON APPROXIMATELY 5' CENTERS. 3 STRANDS OF BARB WIRE SHALL BE STRUNG ALONG THE TOP OF FENCE ON AN INCLINED BARB WIRE ARM. THE BARBED WIRE ARM SHALL HAVE A 45 INCLINATION AWAY FROM THE SECURE SIDE.
- END POSTS SHALL INCLUDE STRETCHER BARS, CLAMPS, BRACES AND TRUSS RODS.
- ALL DEPRESSIONS GREATER THAN 3" AND LESS THAN 1' SHALL BE FILLED WITH ROCKS OR COMPACTED EARTH TO PREVENT ANIMALS FROM GOING UNDER THE FENCE. FENCE TREATMENT AT GROUND DEPRESSIONS GREATER THAN OR EQUAL TO 1 FOOT SHALL BE CLOSED WITH ONE OR MORE ADDITIONAL LINE POST NEAR THE OPENING CENTER WITH ADDITIONAL FENCE FABRIC STRECHED BETWEEN POST. SEE DETAIL ON SHEET CF502. THIS WORK SHALL BE INCIDENTAL TO THE FENCE INSTALLATION COST.
- THE FENCE SHALL BE CONSTRUCTED VERTICAL, STRAIGHT, AND TRUE OF LINE, THE LONGITUDINAL GRADIENT SHALL PARALLEL THE GENERAL SLOPE OF THE GROUND.
- CONCRETE FOOTINGS SHALL MEET STRENGTH REQUIREMENTS OUTLINED IN SPECIFICATION F-162. FOOTING TOPS SHALL BE 1" MINIMUM ABOVE GROUND AT POST, AND TROWEL FINISHED TO SLOPE AWAY FROM POST. ALL END POSTS, CORNER POSTS, PULL POSTS, AND GATE POSTS SHALL HAVE A 18" X 5'-6" DEEP(MIN.) FOUNDATION. LINE POSTS SHALL HAVE A 12" X 3'6" DEEP (MIN.) FOUNDATION.
- PLACE PULL POSTS AT ANGLE POINTS IN A VERTICAL ALIGNMENT, AT A MAX OF 500 FOOT INTERVALS BETWEEN END AND/OR CORNER POST IN LEVEL TERRAIN, OR AS DIRECTED BY THE RPR.
- THE MATERIALS SHALL MEET THE REQUIREMENTS, AND THE FENCE SHALL BE INSTALLED IN ACCORDANCE WITH F-162 OF THE DETAILED SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE AMOUNT OF POST, FENCE, ETC. BEFORE ANY MATERIAL IS ORDERED OR CONSTRUCTION WORK CAN BEGIN.
- PUT FASTENERS AT 12" CENTER TO CENTER STAGGERED ON EACH EDGE OF FABRIC ALONG THE JOINT.
- CONTRACTOR SHALL PROVIDE A PADLOCK TO TEMPORARILY LOCK VEHICLE OR MAN GATES UNTIL THE ACCESS CONTROLS CAN BE INSTALLED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCK THE GATE AT THE END OF EACH SHIFT.
- PLACE TOP CAPS ON ALL NEW FENCE POSTS.
- MODIFICATIONS TO THESE PLANS MAY BE MADE AT THE TIME OF INSTALLATION. MINOR MODIFICATIONS MAY INCLUDE DEVIATIONS IN THE FENCE AND GATE LOCATIONS.
- THE CONTRACTOR SHALL PEEN ALL BOLTS TO ELIMINATE THE REMOVAL OF THE BOLT NUT.
- THE CONTRACTOR SHALL SEAL THE CONCRETE/ASPHALT JOINT FOR ALL NEW POST FOUNDATIONS LOCATED IN EXISTING PAVEMENT. THIS IS INCIDENTAL TO THE FENCE INSTALLATION COST.
- ALL PROPOSED FENCE AND GATES SHALL BE CHAIN LINK FENCE WITH BLACK VINYL COATING. ALL MATERIALS TO COMPLY WITH ASTM F668, CLASS B (VINYL COATING OVER GALVANIZED STEEL).



SIGNS SHALL BE STORED AND PLACED ON PROPOSED FENCE (NEXT TO PROPOSED GATE) IN SAME LOCATIONS AS EXISTING (TYP)

