



PURCHASING DEPARTMENT
DIVISION OF BUDGET & FINANCE

PUR-1751
ADDENDUM NO. 5
INVITATION TO BID

HAGERSTOWN REGIONAL AIRPORT
EXPAND/REHABILITATE TERMINAL BUILDING EAST

DATE: Monday, June 23, 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 eleven (11) pages and five (5) attachments.

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: 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 the handel 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. 2:** 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 up dated drawing.
- Response: Refer to Drawing Revisions for updated transformer layout. (Attachment C)
- ITEM NO. 3:** Inquiry: Ref.: New Electrical Panel tie in to 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. 4:** 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 Drawing Sheet No. A1.3 (Attachment C) ENLARGED FLOOR PLAN AT NEW WORK
- ITEM NO. 5:** Inquiry: Ref.: Security Rough in
Where is the security closet where security conduit should be routed to
- Response: The security panels are located in the L shaped room on frame line 7 next to the hold room entrance and men's public toilet room.
- ITEM NO. 6:** Inquiry: Ref.: Telecom Rough in
Where is the telecom room where telecom conduit should be routed to
- Response: Refer to Drawing Revisions for clarification on telecom room locations. (Attachment B)
- ITEM NO. 7:** 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. 8:** 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. 9:** Inquiry: Ref.: telecom system scope

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

Is the telecom cabling, devices, and head end equipment scope part of a separate contract. The specifications only refer to rough in

Response: Telecom cabling, devices, and head end equipment to be provided under a separate contract. Electrical contractor is responsible for conduit and back box rough in only.

ITEM NO. 10: Inquiry: Ref.: Drawing C1.3 Tie in to proposed wall mounted electrical box

1. This box is not shown on the electrical plans. Please provide a detail depicting this box and the conduits terminating in it.

2. Where in the building do these conduits go to once they terminate in this box

Response: Part 1 of Item No. 10 herein: This relocated wall mounted junction box is shown on plan sheet E1-1 - Demolition First Floor Plan – Electrical. This box is to receive two (2) 2” RGS conduits. (Attachment B)

Response: Part 2 of Item No. 10 herein: They run into the terminal building existing patch panel. These are in the L shaped room on frame line 7 next to the hold room entrance and men's public toilet room.

ITEM NO. 11: Inquiry: Ref.: Drawing C1.3 proposed main gate

1. Please provide a detail for the electrical and controls required at the proposed main.

2. Please provide a detail for the proposed electrical box at this location

Response: Part 1 of Item No. 11 herein: Refer to Pedestrian Gate Detail 6 on Sheet CV5.1. Provide a 120V circuit from the existing electrical rack using a 15-amp breaker in the existing panel on the rack. Extend power in 1.5" RGS conduit with 12 AWG THHN/THWN-2 conductors to a weather-rated electrical box housing a 12/24VDC regulated power supply for the electric gate lock system. From this electrical box, extend all control wiring to the electric gate lock system as Class 2 low-voltage wiring in weather-rated conduit, with proper grounding in accordance with NEC requirements. (Attachment A)

Response: Part 2 of Item No. 11 herein: The electrical box shall be a NEMA 4X-rated, 8"x8"x4" enclosure securely mounted near the pedestrian man gate on the non-public side of the fence. It shall house wiring connections for the electric gate lock and key switch and be mounted on a nearby post, wall, or gate column. See REVISED sheet C1.3 Utility Plan. Also, see REVISED sheet CV5.1 Site Details 1, which eliminates the ground mounted electrical box/pedestal for the pedestrian gate since it will be mounted onto the proposed fence. (Attachment A)

ITEM NO. 12: Inquiry: Ref.: lightning protection

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

Will there be lightning protection required? None is shown.

Response: Lighting protection is not required

ITEM NO. 13: Inquiry: Who is the existing HVAC provider for the facility?

Response: The Airport uses the following:
Mick's Plumbing & Heating, Inc. – York Systems
27 Howard Street
Thurmont, MD 21788
(Ph) 301-271-2488
(F) 301-271-2111
<https://www.micksplumbinghvac.com/>

ITEM NO. 14: Inquiry: Floor questions:

1. There's a Vestibule below 101 Lobby, on A9.1 Floor Pattern Plan it calls that area to receive (F6) but there's no F6 listed on either the Color Schedule or the Legend on A9.1
2. Rooms 101 & 104 calls for the flooring to be "E-F1B" on A9.1, I assume this is existing so no new work needs done?
3. Rooms 105, 106, 108 & 115. Similar to above, the "E-F3" is existing to remain and we only need to install base on each side of the new wall?
4. B1 base on the millwork?
5. Note 3 on A9.1 "Patch and Repair Floor and Base as needed", I have no way to determine how much and of what type this would be. Can either you or I just carry an allowance?

Response: Part 1 of Item No. 14 herein: Refer to Revised Drawing A9.1 (dated 06.10.2025) (Attachment D)

Response: Part 2 of Item No. 14 herein: Refer to Revised Drawing A9.1 (dated 06.10.2025) (Attachment D)

Response: Part 3 of Item No. 14 herein: Refer to Revised Drawing A9.1 (dated 06.10.2025) (Attachment D)

Response: Part 4 of Item No. 14 herein: Provide base as specified.

Response: Part 5 of Item No. 14 herein: Yes.

ITEM NO. 15: Inquiry: Who is the DDC Controls contractor we need to use/tie into for this project?

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

Response: The Airport uses the following:
Control Systems
934 Sweeney Dr.
Hagerstown, MD 21740
301 791-1166
<http://www.csihagerstown.com/>

ITEM NO. 16: Inquiry: Spec section 44313 for stone veneer is written as though we are working on an historic stone structure. The specification asks for experience in historic restoration in heavy natural stone structures. Clarify if this is required if we are still meeting the sample panel or the existing stone column wraps. Based on discussions at the site visit, is the sample panel or the mockup still required?

Response: A mock-up panel will be required during the construction phase. The existing stone pilasters will be the basis for quality control.

ITEM NO. 17: Inquiry: Refer to plan C1.0 - The conduits that are to be removed, what are they for and what cables are in them?

Response: There are existing electrical power and fiber optic conduits originating from the existing terminal building and extending to the electrical rack located in the area of the terminal expansion. These existing systems must be disconnected, relocated, and reconnected as part of this project. Conduit contains power feeding the existing electrical rack. The other conduits contain fiber optic cables serving the access control system, parking lot security cameras, and gate control systems.

ITEM NO. 18: Inquiry: Refer to plan C1.0 - What size is the manhole that gets removed?

Response: The manhole to be removed, as shown on Plan C1.0, is an approximately 2' x 2' electrical manhole. It contains conduit and cabling that feeds power from the existing terminal building to the electrical rack. Contractor shall verify exact size and contents in the field prior to removal and ensure all associated power feeds are properly rerouted and reconnected as part of the work. (Attachment A)

ITEM NO. 19: Inquiry: Refer to plan C1.3 - For the proposed Electrical, Fiber & Comm 4" RGS are there (3) conduits?

Response: Only two (2) RGS conduits are required: One (1) for electrical power, and one (1) for fiber optic and communication cabling.

ITEM NO. 20: Inquiry: Refer to plan C1.3 - What MEP sheets show the tie-in to the wall mounted electric box?

Response: This relocated wall mounted junction box is shown on plan sheet E1-1 - Demolition First Floor Plan – Electrical. (Attachment B)

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

ITEM NO. 21: Inquiry: Refer to plan C1.3 - There is a 1.5" RGS conduit for communication shown to the proposed Gate, is a conduit for power required?

Response: The 1.5" RGS conduit shown on plan sheet C1.3 shall be used for power to the proposed pedestrian gate. Communication cable is only needed from the electrical box to the electrical gate lock system mounted on the pedestrian gate. See Item No. 11 above. A REVISED sheet C1.3 Utility Plan is included. (Attachment A)

ITEM NO. 22: Inquiry: On the "C" set of the drawings they show river rock in the area between the sidewalk and proposed building, but on the "CV" set it is not shown or called out on the legend. Please clarify what the intent is in that area.

Response: River Rock shall be installed in the area between the sidewalk and proposed building. A REVISED CV1.2 Final Conditions Plan is included which updates the legend to include the river rock. (Attachment A)

ITEM NO. 23: Inquiry: Numerous Wage Rates still missing from Addendum # 1 Determination. (Stone Mason , Painter , Dump Truck Driver, Drywall, Drywall Finisher, Tile Setter, Crane Operator, Sprinkler fitter, Fence Erector, ect.). Please provide a complete determination for the project.

Response: At this time, the U.S. Department of Labor (DOL) has not issued a Building wage determination for Washington County, Maryland that includes all of the classifications noted in your inquiry (e.g., Stone Mason, Painter, Dump Truck Driver, Drywall Installer, Tile Setter, Crane Operator, Sprinkler Fitter, Fence Erector, etc.). The applicable federal wage determinations for this project are:

- MD20250126 (Building), dated 03/14/2025
- MD20250078 (Heavy/Highway), dated 03/14/2025

In accordance with federal Davis-Bacon requirements, any labor classifications not listed in these determinations will be addressed post-award through the DOL's conformance process using Standard Form SF-1444. This is a routine procedure used for adding classifications not included in the published determination.

As the contracting agency, we will coordinate and facilitate this conformance process with the DOL after contract award, if necessary. In the meantime, bidders should include all anticipated labor classifications in their bids and propose wage and fringe rates that reflect prevailing local market conditions for those trades.

We recommend all bidders review Wage Determinations MD20250126 (Building) and MD20250078 (Heavy/Highway), both dated 03/14/2025, and prepare their bids accordingly, understanding that a formal conformance request may be submitted following award if needed.

ITEM NO. 24: Inquiry: It was discussed at the pre-bid that the new 119 electric room was not going to be installed in Phase 1 due to security issues and that the panels and transformers

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

will be wall mounted and the existing OHD door to be relocated (116B) would now be a new door. It was discussed that this would to be addressed in Addendum 1, but this did not occur. Please clarify.

Response: Refer to Revised Drawing A1.3 (dated 06.17.2025) (Attachment C) and Revised Drawing D1.1 (dated 06.18.2025). (Attachment B)

ITEM NO. 25: Inquiry: Can you tell me what manufacturer provided the existing ticket counters? Plan A1.3 says that we are to match the existing ticket counters, but the existing ticket counters do not match the details on A6.2. The existing counters have stainless steel angles at the corners of the low luggage check-ins and A6.2 shows SS end panels. The vented doors on the attendant side are different than the provided A6.2 elevation. Elevations 2/A6.2 and 5/A6.2 appear to be elevations at the same viewing but are different. It is not clear what we are to provide.

Response: The manufacturer who provided the existing Ticket Counters is:
Beachley Furniture Company
858 Willow Cir, Hagerstown, MD 21740
301 733-1910
<http://beachley.com/>

Also, refer to Revised Drawings A6.1 and 6.3 (dated 06.12.2025) for additional clarification. (Attachment D)

ITEM NO. 26: Inquiry: What is the desired path, thru the exposed structure areas, of the conduits from the new addition to the existing electric room for the normal and emergency feeders, the RTU feeder and other lighting branch circuits?

Response: Conduit path to be determined in field by contractor to cause minimal disruption to existing functional spaces. All outages to be coordinated in advance with owner.

ITEM NO. 27: Inquiry: It was mentioned at the pre-bid that any work in the main terminal area or TSA controlled areas must cease while a plane is preparing to or departing. I assume this would also be the case for arrivals. Please provide a schedule as to when work may or may not be allowed in these areas.

Response: A detailed flight operations schedule will be provided to the awarded contractor prior to the start of work. Access to the main terminal area, including TSA-controlled and sterile areas, will be restricted during aircraft operations unless proper clearance is obtained.

Specifically, the bag makeup area and all areas behind the Allegiant ticket counter will be inaccessible starting two (2) hours prior to a scheduled arrival and until approximately 15–20 minutes after departure. These restrictions apply to both arriving and departing Allegiant flights to maintain security and operational safety.

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

Alternatively, if contractor personnel complete SIDA (Security Identification Display Area) training and receive airport-issued security badges, they may be granted access to work in these areas during flight operations. The contractor is responsible for coordinating badge applications and training with airport security in advance of the work.

ITEM NO. 28: Inquiry: The civil drawings contain a note to remove an electrical manhole and associated conduit. Have these conductors, cables or fibers been previously removed?

Response: No, these conduits, conductors, and/or cables have not been previously removed.

ITEM NO. 29: Inquiry: The civil drawings contain electrical notes for fiber and communication relocations and to refer to the MEP sheets. There is limited reference to this work on the electrical plans. Please advise all requirements to be included with this project.

Response: There are existing electrical power and fiber optic conduits originating from the existing terminal building and extending to the electrical rack located in the area of the terminal expansion. These existing systems must be disconnected, relocated, and reconnected as part of this project. Conduit contains power feeding the existing electrical rack. The other conduits contain fiber optic cables serving the access control system, parking lot security cameras, and gate control systems.

Contractor shall include all labor, materials, equipment, coordination, and testing necessary to safely remove, reroute, and restore full functionality of these systems. The intent is to maintain uninterrupted service or provide temporary service as required during construction.

Refer to Civil and Electrical drawings for routing and coordination and confirm final termination locations and requirements with the Owner's representative during construction.

ITEM NO. 30: Inquiry: Reference sheet E3-1, notes 7 and 8. Please specify all required conduit sizes and types along with a specification for the fiber and any other required cables or wiring. Are there any temporary operational requirements, during the time between removing the existing cable, relocating the raceway onto the new building addition, and then reinstalling this cable?

Response: Refer to REVISION TO PLANS. 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. All fiber and cabling requirements to be coordinated by low voltage contractor with owner. Coordinate all temporary operational requirements with owner. (Attachment B)

ITEM NO. 31: Inquiry: It was mentioned at the site visit that the new lockers shown in the 113

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

Breakroom on plan A1.3 would not be required and that we are only relocating the existing lockers. If this is not the case, we need a locker specification since the existing lockers a mixed variety, and brands.

Response: New lockers will not be required. Existing lockers will be relocated.

ITEM NO. 32: Inquiry: Addendum 1, plan A1.9 shows a total of 230 new seats related to Alternate 2. If you count the seating shown, the total should be 237. Please clarify.

Response: DELETE Drawing A1.9, Rev Date 06.10.2025 in its entirety and REPLACE with Revised Drawing A1.9, Rev Date 06.19.2025. (Attachment A)

ITEM NO. 33: Inquiry: Specification 083336 – Overhead Coiling Doors : Page 4 of specs; #6 a & b: Finish for Bottom Bar, Guides and Brackets:

1. Says Black powder coat finish.

2. Says PowderGuard Zinc base with Gray Powdercoat Premium top finish.

(Sample submittal specs call for 6” long sections of each with b) choice) (Note: Those submittal samples will have a significant cost.)

Response: Part 1 of Item No. 33 herein: Spec Section 083336, Article 2.2.A.6; DELETE Subparagraph a. in its entirety.

Response: Part 2 of Item No. 33 herein: Spec Section 083336, Article 2.2.A.6; Provide Subparagraph ‘b.’ as specified.

Response: Sample Submittal of Item No. 33 herein: Spec Section 083336, Article 1.5; DELETE Paragraph E. in its entirety.

ITEM NO. 34: Inquiry: Specification 083336 – Overhead Coiling Doors : - Page 4 of specs; #10 – c: Calls for operator to have;

1. Radio control operation (Need more information, and quantity)

2. Card reader control (Need more information, and quantity)

Response: Part 1 of Item No. 34 herein: Radio control operation NOT required

Response: Part 2 of Item No. 34 herein: Spec Section 083336, Article 2.2.A.10; DELETE Subparagraph c. in its entirety.

ITEM NO. 35: Inquiry: Specification 083336 – Overhead Coiling Doors : - Page 6 of specs; #3.7: Lists 4 coiling doors and 1 coiling grille; none of which are listed in the Door Schedule.

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

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

ITEM NO. 36: Inquiry: I would like to respectfully request your consideration of Sarnafil S327 60mil Thermoplastic Polyvinyl-Chloride (PVC) Roofing, as an alternate on the upcoming Hagerstown Airport Expand/East Terminal Bldg Rehabilitation. Our roof is on this facility now and we hold the warranty. I have attached the Sarnafil Data Sheet as it pertains to the project specifications. Our Sarnafil 60 mil membrane is Energy Star Rated and meets ALL THE ASTM and FM Global requirements. (Attachments A1 & A2)

Response: Spec Section 07 54 19, Article 2.2; ADD Paragraph C as follows:
“C. Other Approved Manufacturers: Sike Sarnafil S327 60 mil system.”

ITEM NO. 37: Inquiry: Verify Room 119 is part of base bid?

Response: Yes.

ITEM NO. 38: Inquiry: Drawing A1.9 – Addenda #2 drawing did not define Alternate #2 requirements. What is Alternate #2?

Response: Alternate #2 is for the new 237 Herman Miller seats in the existing Hold Room

ITEM NO. 39: Inquiry: Based on the amount of revised information, additional time for bid preparation is requested. Please push the bid date!

Response: The bid date will not change due to FAA grant deadline requirements.

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

ITEM NO. 40: Sheet No. C1.0 Exiting Conditions and Demo Plan:
Updated the plan sheet to show removal of three (3) additional bollards.
REVISE Replace sheet in entirety with attached revised sheet.

ITEM NO. 41: Sheet No. C1.1 Site Development Plan:
Updated plan sheet to depict the proposed owner supplied bollards (3) versus the proposed Contractor supplied bollards (2).
REVISE Replace sheet in entirety with attached revised sheet.

ITEM NO. 42: Sheet No. C1.2 Grading and Drainage Plan:
Updated plan sheet to add note about proposed drainage crossing existing conduits.
REVISE Replace sheet in entirety with attached revised sheet.

ITEM NO. 43: Sheet No. C1.3 Utility Plan:
Updated plan sheet to depict electrical conduit/cable to proposed pedestrian gate with fence mounted electrical box.
REVISE Replace sheet in entirety with attached revised sheet.

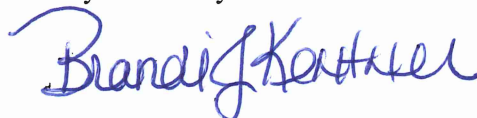
(NOTE: The wording of all “Inquiries” submitted are displayed exactly as received.)

- ITEM NO. 44:** Sheet CV1.1 Exiting Conditions and Demo Plan:
Updated the plan sheet to show removal of three (3) additional bollards.
REVISE Replace sheet in entirety with attached revised sheet.
- ITEM NO. 45:** Sheet CV1.2 Final Conditions Plan:
Updated the plan sheet to show the river rock in the legend.
REVISE Replace sheet in entirety with attached revised sheet.
- ITEM NO. 46:** Sheet CV1.3 Site Plan:
Updated plan sheet to depict the proposed owner supplied bollards (3) versus the proposed Contractor supplied bollards (2).
REVISE Replace sheet in entirety with attached revised sheet.
- ITEM NO. 47:** Sheet CV5.1 Site Details 1:
Updated plan sheet to remove the ground mounted electrical box/pedestal.
REVISE Replace sheet in entirety with attached revised sheet.
- ITEM NO. 48:** **Sheet** A1.9, Rev Date 06.19.2025:
REVISE Replace sheet in entirety with attached revised sheet.
- ITEM NO. 49:** **Sheet** A4.7, Rev Date 06.10.2025:
REVISE Additional details provided.

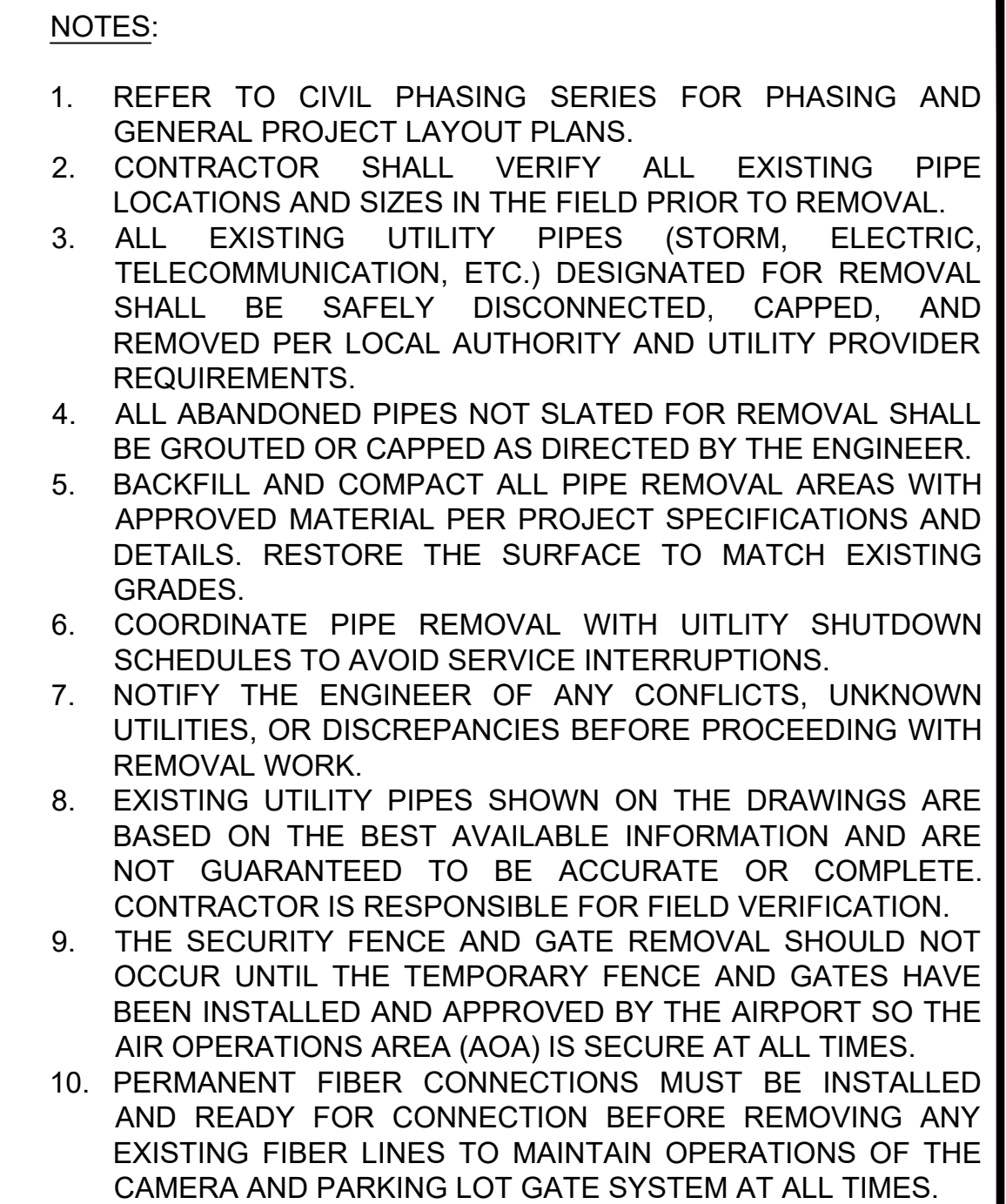
ATTACHMENTS:

- A. Contract Drawings (C1.0, C1.1, C1.2, C1.3, CV1.1, CV 1.2, CV 1.3, CV5.1, A1.9, and A4.7) (10 pages)
- B. D3.1, A2.4, E1-1, E2-1, E3-1, E6-1, CV5.2 (8 pages)
- C. CV1.0, CV1.1, CV1.2, CV1.3, CV1.4, CV1.5, CV5.1, CV5.2, D1.1, A1.0, A1.3, A4.9, S1.1, S1.2 (14 pages)
- D. A9.1 (1 page)
- E. A6.1, A6.3 (2 pages)









By Authority of:



Brandi J. Kentner, CPPO
Director of Purchasing








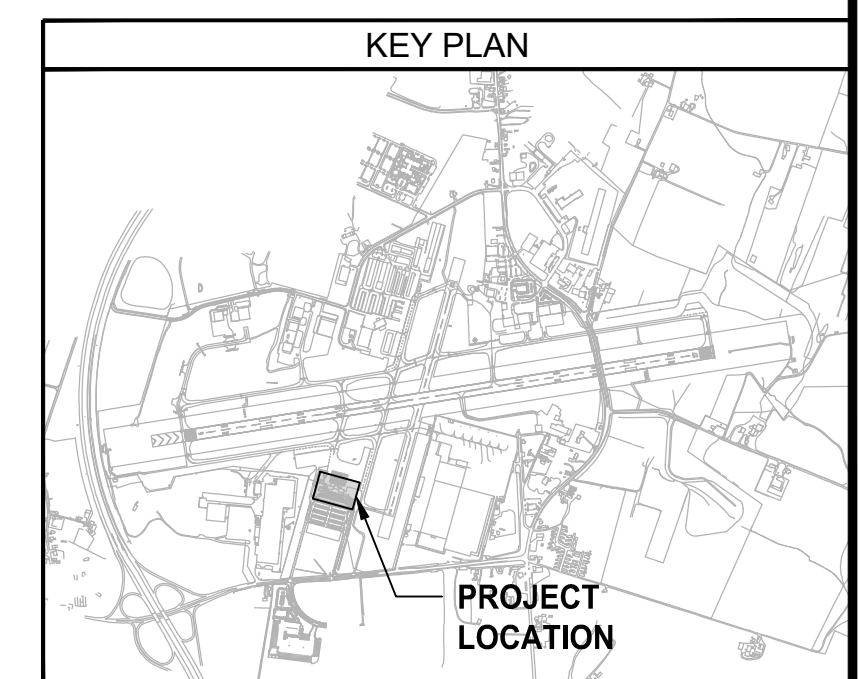
EXISTING LEGEND:

-  LIGHT POLE
-  TAXIWAY EDGE LIGHT
-  ELECTRICAL HANDHOLE
-  DRAINAGE MANHOLE
-  INLET
-  CLEANOUT
-  SANITARY SEWER MANHOLE
-  BOLLARD

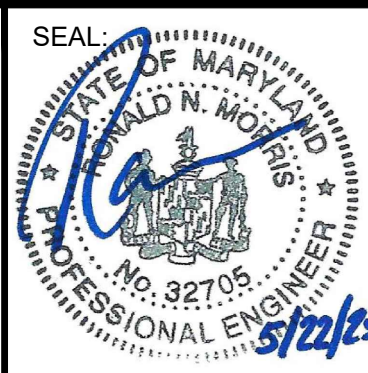
THIS SECTION OF
EXISTING PERMANENT
FENCE SCHEDULED FOR
REMOVAL MUST REMAIN
IN PLACE DURING
CONSTRUCTION UNTIL
THE NEW PERMANENT
FENCE IS INSTALLED IN
ITS REVISED LOCATION
TO MAINTAIN
CONTINUOUS AIRPORT
SECURITY SINCE
TEMPORARY FENCE
WILL NOT BE INSTALLED
AT THESE LOCATIONS.

PROPOSED LEGEND:

- | | |
|---|---------------------------------|
|  | PAVEMENT REMOVAL
(P-101-5.1) |
|  | MISCELLANEOUS
REMOVAL |
|  | UTILITY
REMOVAL |
|  | FENCE REMOVAL |
|  | LIMIT OF DISTURBANCE |



AIRPORT DESIGN CONSULTANTS
6011 UNIVERSITY BLVD, SUITE 490
ELLICOTT CITY, MD 21043
TEL: 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. 32705

EXPIRATION DATE: 2/21/2026

DESIGNED: B.J.D.	NO.	DATE	DESCRIPTION
DRAWN: J.A.A.			
	5	06/20/2025	ADDENDUM 5
CHECKED: V.J.D.			
APPROVED: R.N.M.			



HAGERSTOWN REGIONAL AIRPORT

Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE:

N.A.

DATE:	
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MAY 2025

FAA ATP No. 13-24-0019-XX-2025

Bid No.: PUR-1751

MAA Grant No.: MAA-GR-XX-XXX

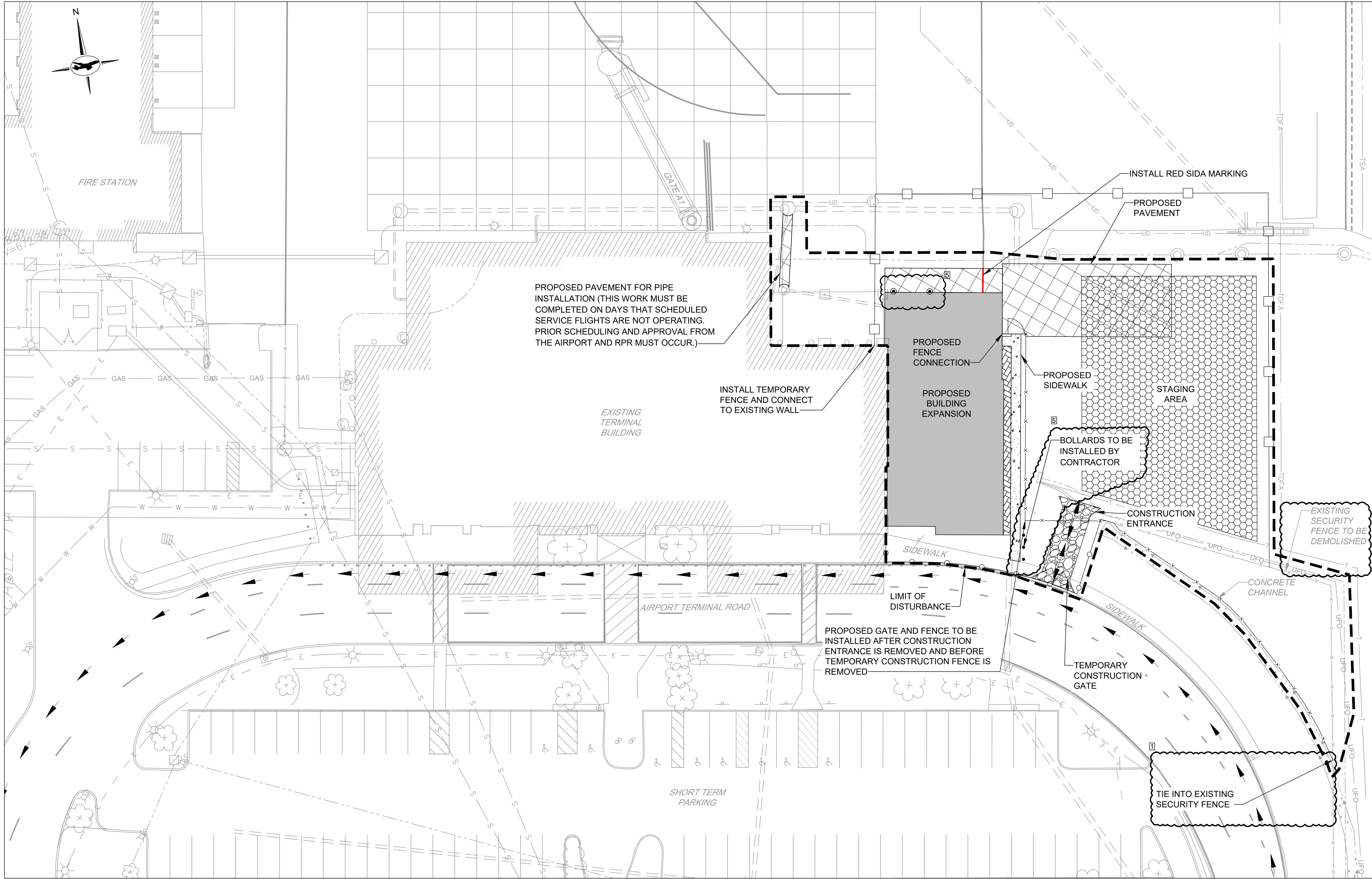
SUBMISSION: BID SET

SHEET No.:

C1.0

0 OF 102

FILE NAME: C:\HGR\Projects\2024-HGR-1305 Terminal East Expansion\CAD\SHEETS\001_C11_SITE DEVELOPMENT PLAN.dwg PLOTTED: Friday, June 20, 2025 - 10:22am USER: umunderff



NOTES:

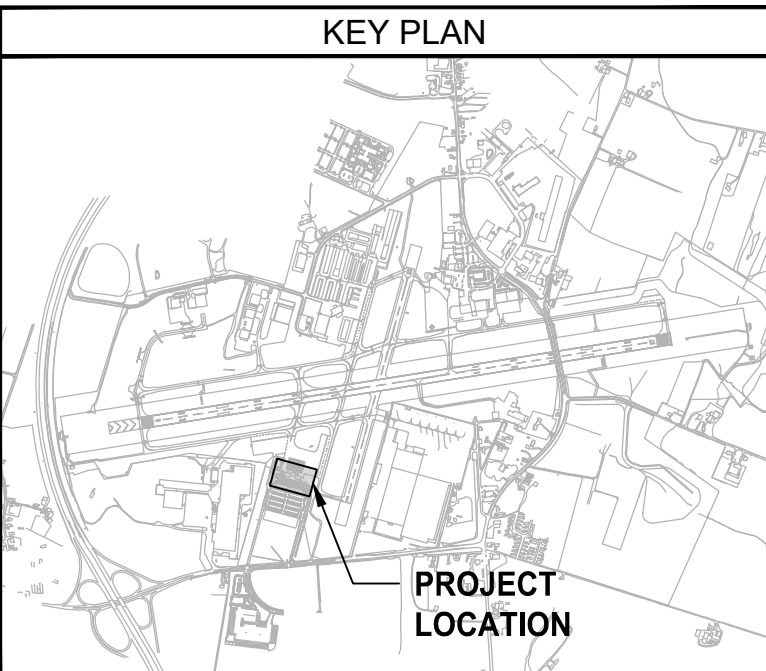
1. REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.

EXISTING LEGEND:

- ⊙ LIGHT POLE
- ⊙ TAXIWAY EDGE LIGHT
- ⊠ ELECTRICAL HANDHOLE
- ⊙ DRAINAGE MANHOLE
- ⊠ INLET
- ⊙ CLEANOUT
- ⊙ SANITARY SEWER MANHOLE
- BOLLARD
- STORM DRAIN
- E ELECTRICAL
- T TELEPHONE LINE
- UFO UNDERGROUND FIBER OPTIC
- UD UNDERDRAIN
- FENCE LINE
- SHRUBS
- TOFA TAXIWAY OBJECT FREE AREA
- TEMPORARY SECURITY FENCE

PROPOSED LEGEND:

- BUILDING EXPANSION
- ▨ PAVEMENT
- ▨ STAGING AREA
- ▨ SIDEWALK
- ▨ RIVER ROCK AREA
- PROPOSED SECURITY FENCE
- TEMPORARY CONSTRUCTION FENCE
- PROPOSED MARKING
- PROPOSED BOLLARD (OWNER-SUPPLIED MATERIAL: REBAR CAGE, BOLLARD PIPE AND COVER)
- PROPOSED BOLLARD (CONTRACTOR SUPPLIED AND INSTALLED)



CONSULTANT:



SEAL:



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. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED: B.J.D.
DRAWN: J.A.A.
CHECKED: V.J.D.
APPROVED: R.N.M.

NO.	DATE	DESCRIPTION
1	06/06/2025	ADDENDUM 1
5	06/20/2025	ADDENDUM 5



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

SITE DEVELOPMENT PLAN

SCALE:

N.A.

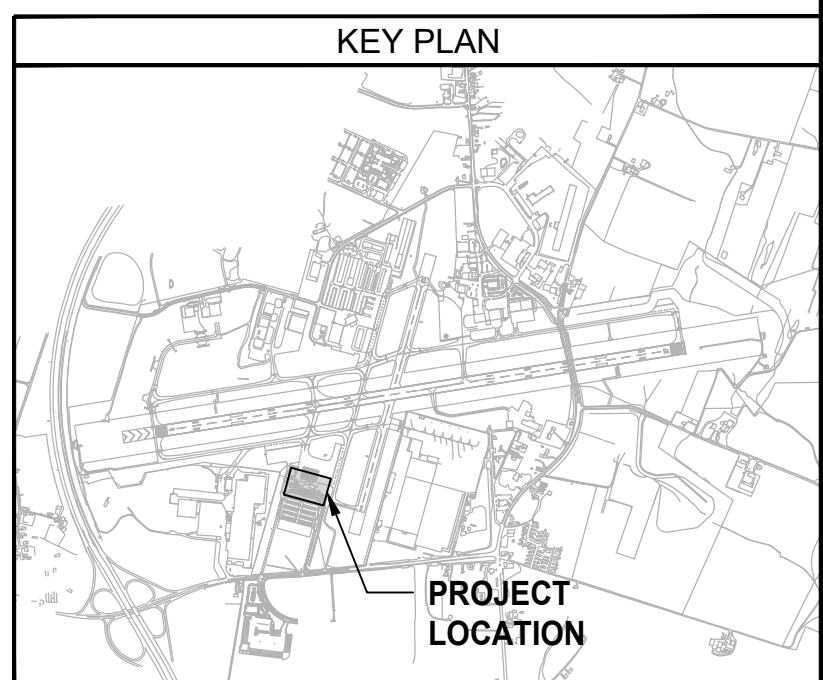
DATE:

MAY 2025

FAA ATP No.: 3-24-0019-XX-2025
Bid No.: PUR-1751
MAA Grant No.: MAA-GR-XX-XXX
SUBMISSION: BID SET
SHEET No.: **C1.1**
11 OF 102

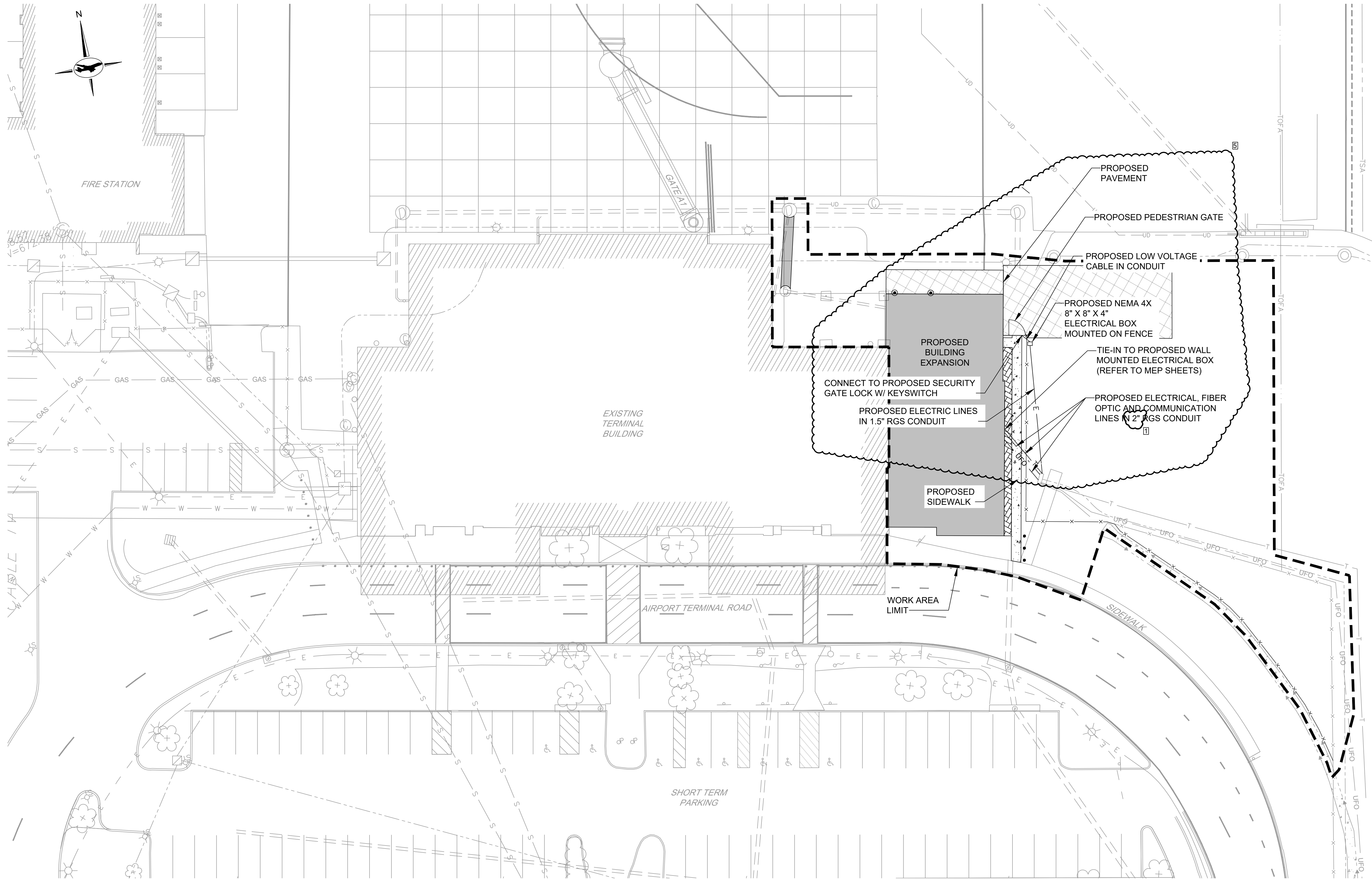
NOTES:

1. REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.
2. CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UNDERGROUND CONDUIT IN THE VICINITY OF DRAINAGE PIPE CROSSINGS. WHERE PROPOSED DRAINAGE PIPE PASSES BENEATH EXISTING CONDUIT, THE CONDUIT SHALL BE FULLY SUPPORTED AND PROTECTED FROM SETTLEMENT, DAMAGE, OR DEFLECTION DURING EXCAVATION, INSTALLATION, AND BACKFILLING OPERATIONS. PROVIDE TEMPORARY CONDUIT SUPPORT AS REQUIRED. RESTORE ALL DISTURBED UTILITIES TO ORIGINAL CONDITION. COORDINATE WITH OWNER AND ENGINEER PRIOR TO CROSSING ANY EXISTING CONDUITS.



CONSULTANT:  AIRPORT DESIGN CONSULTANTS 6011 UNIVERSITY BLVD., SUITE 490 ELLICOTT CITY, MD 21043 TEL: 410.465.9600 FAX: 410.465.9602		SEAL OF MARYLAND  PROFESSIONAL ENGINEER No. 32705 <i>stef</i>		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. <u>32705</u> EXPIRATION DATE: <u>2/21/2026</u>		DESIGNED: B. J. D. DRAWN: J. A. A. CHECKED: V. J. D. APPROVED: R. N. M.		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td><u>1</u></td> <td>06/06/2025</td> <td>ADDENDUM 1</td> </tr> <tr> <td><u>5</u></td> <td>06/20/2025</td> <td>ADDENDUM 5</td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	<u>1</u>	06/06/2025	ADDENDUM 1	<u>5</u>	06/20/2025	ADDENDUM 5	 HAGERSTOWN REGIONAL AIRPORT Washington County, MD		PROJECT TITLE: TERMINAL BUILDING EXPANSION		FAA ATP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX	
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<u>5</u>	06/20/2025	ADDENDUM 5																						
										SHEET TITLE: GRADING AND DRAINAGE PLAN		SUBMISSION: <u>BID SET</u>												
										SCALE: <u>N.A.</u>		DATE: <u>MAY 2025</u>												
												SHEET No.: C1.2 12 OF 102												

FILE NAME: C:\HGR\Projects\2024-HGR-1305 Terminal East Expansion\CAD\Sheets\003_C1.3_UTILITY PLAN.dwg PLOTTED: Friday, June 20, 2025 - 11:40am USER: amundorff



NOTES:

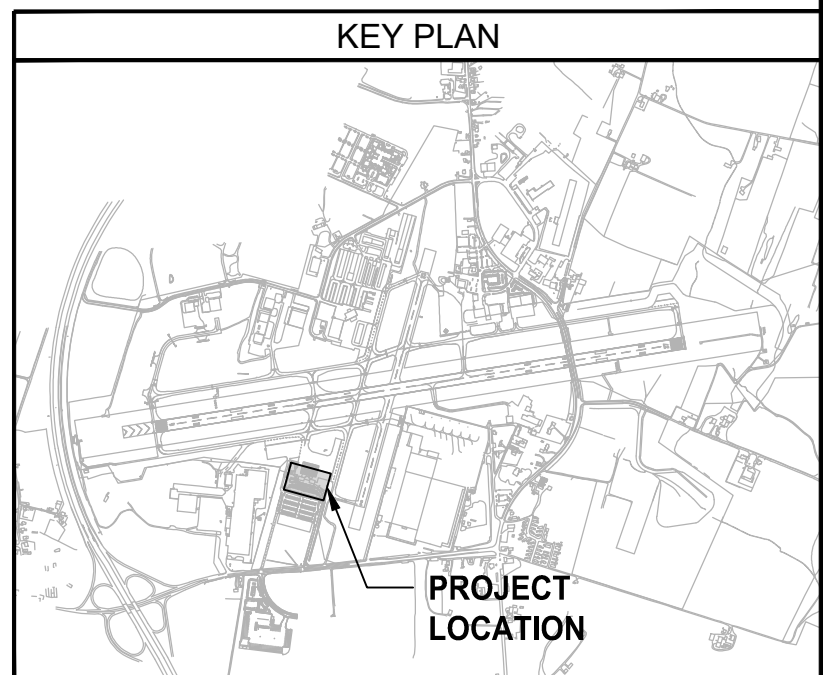
1. REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.

EXISTING LEGEND:

- ⊙ LIGHT POLE
- ⊙ TAXIWAY EDGE LIGHT
- ⊠ ELECTRICAL HANDHOLE
- ⊙ DRAINAGE MANHOLE
- ⊠ INLET
- ⊙ CLEANOUT
- ⊙ SANITARY SEWER MANHOLE
- BOLLARD
- STORM DRAIN
- E ELECTRICAL
- T TELEPHONE LINE
- UFO UNDERGROUND FIBER OPTIC
- UD UNDERDRAIN
- X FENCE LINE
- SHRUBS
- TOFA TAXIWAY OBJECT FREE AREA

PROPOSED LEGEND:

- BUILDING EXPANSION
- ▨ PAVEMENT
- ▨ SIDEWALK
- ▨ RIVER ROCK AREA
- WORK AREA LIMIT
- E ELECTRICAL CABLE/CONDUIT
- T COMMUNICATION CABLE/CONDUIT
- PROPOSED BOLLARD (OWNER-SUPPLIED MATERIAL: REBAR CAGE, BOLLARD PIPE AND COVER)
- ⊙ PROPOSED BOLLARD (CONTRACTOR SUPPLIED AND INSTALLED)



CONSULTANT:



AIRPORT DESIGN CONSULTANTS
6011 UNIVERSITY BLVD, SUITE 490
ELLICOTT CITY, MD 21043
TEL: 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. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED:	B.J.D.	NO.	DATE	DESCRIPTION
		1	06/06/2025	ADDENDUM 1
DRAWN:	J.A.A.	5	06/20/2025	ADDENDUM 5
CHECKED:	V.J.D.			
APPROVED:	R.N.M.			



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

UTILITY PLAN

SCALE:

N.A.

DATE:

MAY 2025

FAA ATP No.:3-24-0019-XX-2025

Bid No.: PUR-1751

MAA Grant No.: MAA-GR-XX-XXX

SUBMISSION:

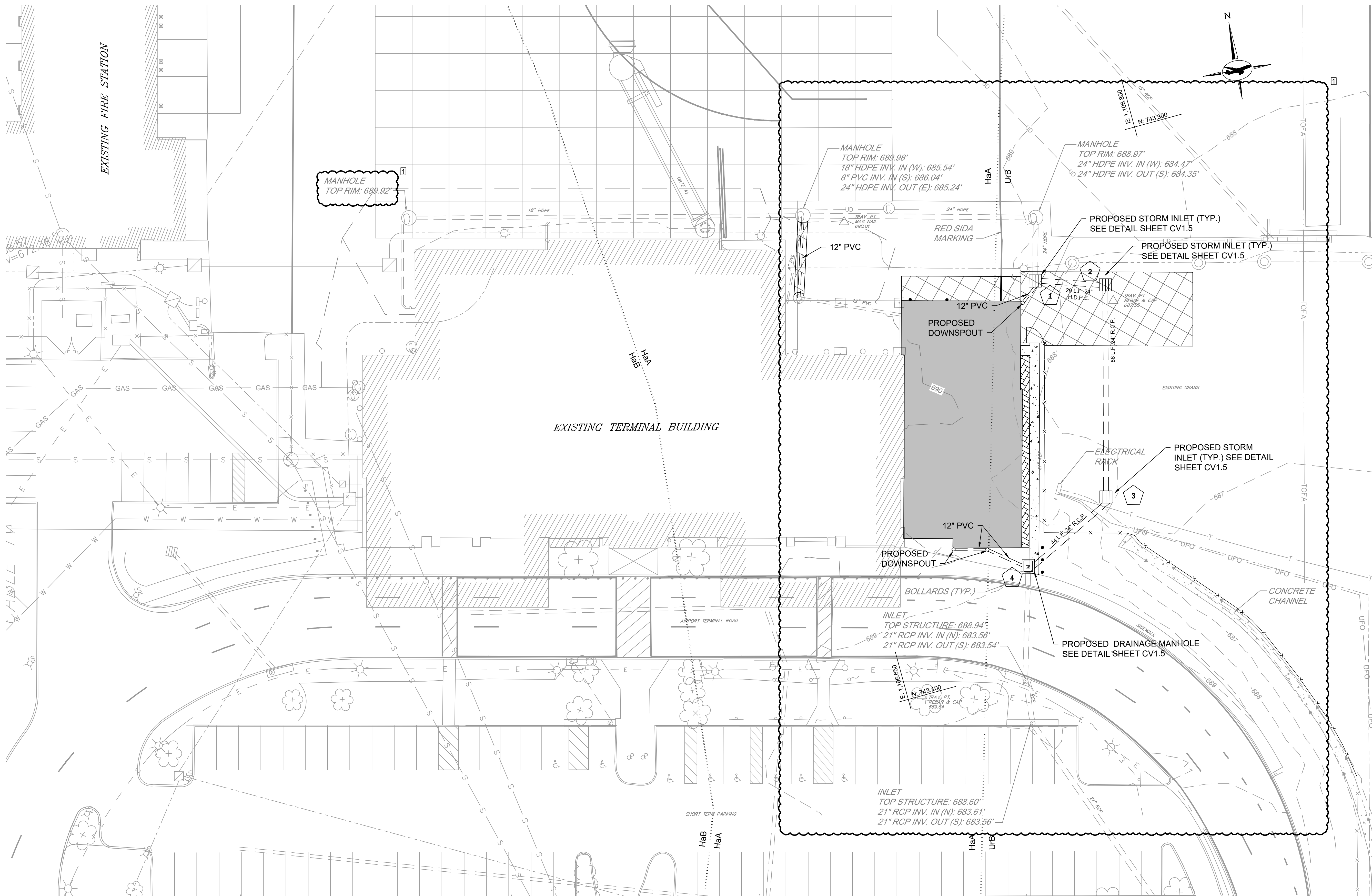
BID SET

SHEET No.:

C1.3

13 OF 102

FILE NAME: C:\HGR\Projects\2024-HGR-1305 Terminal East Expansion\CAD\Sheets\0021_CV1.2_FINAL CONDITIONS PLAN.dwg PLOTTED: Friday, June 20, 2025 - 8:47am USER: umundorff

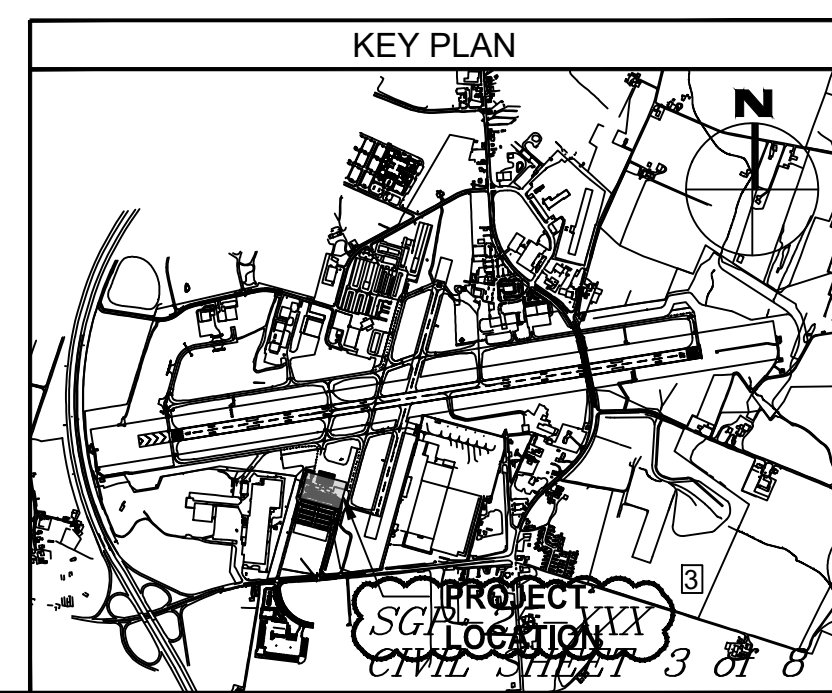


- NOTES:**
- REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.
- EXISTING LEGEND:**
- LIGHT POLE
 - TAXIWAY EDGE LIGHT
 - ELECTRICAL HANDHOLE
 - DRAINAGE MANHOLE
 - INLET
 - CLEANOUT
 - SANITARY SEWER MANHOLE
 - BOLLARD
 - STORM DRAIN
 - ELECTRICAL
 - TELEPHONE LINE
 - UNDERGROUND FIBER OPTIC
 - UNDERDRAIN
 - EXISTING FENCE LINE
 - SHRUBS
 - TAXIWAY OBJECT FREE AREA
 - SOILS BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
- PROPOSED LEGEND:**
- BUILDING EXPANSION
 - PROPOSED BITUMINOUS CONCRETE PAVEMENT REFER TO TYPICAL BITUMINOUS SECTION SHEET CV5.1
 - SIDEWALK
 - RIVER ROCK AREA
 - STORM DRAIN
 - INLET
 - PROPOSED STORM DRAIN STRUCTURE REFER TO DETAIL SHEET CV1.5
 - PROPOSED DRAINAGE MANHOLE
 - PROPOSED FENCE LINE



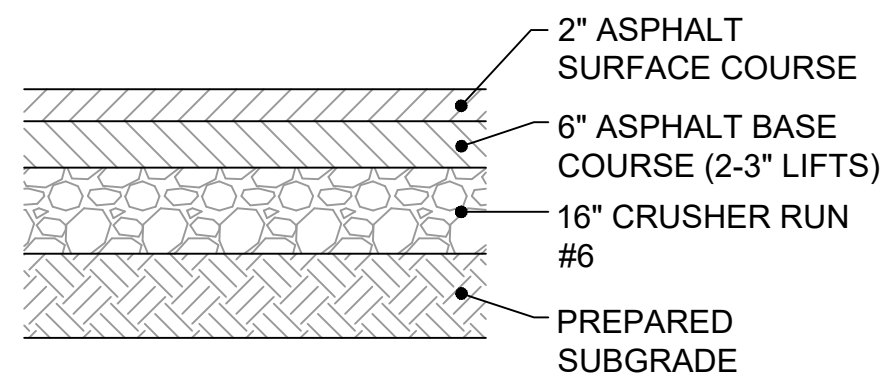
SOIL DESCRIPTIONS:

HaA	HAGERSTOWN SILT LOAM	0 TO 3 PERCENT SLOPES
HaB	HAGERSTOWN SILT LOAM	3 TO 8 PERCENT SLOPES
UrB	URBAN LAND-HAGERSTOWN COMPLEX	0 TO 8 PERCENT SLOPES

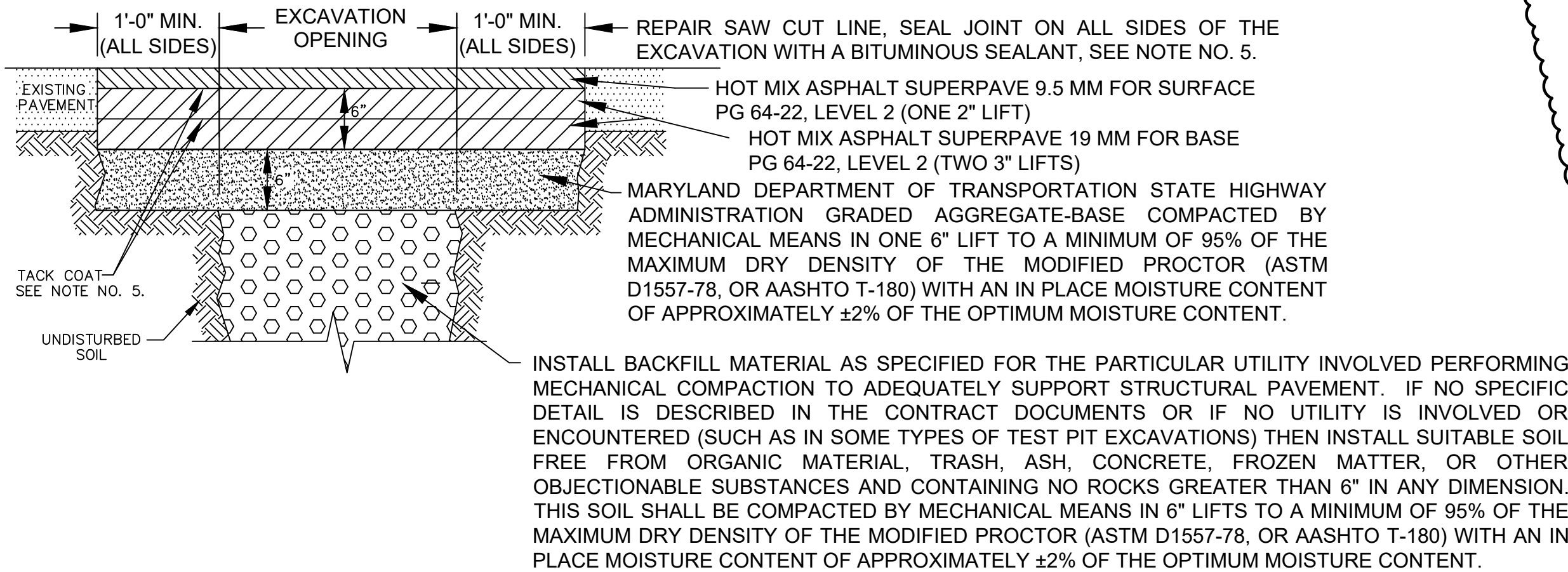


CONSULTANT: AIRPORT DESIGN CONSULTANTS 6011 UNIVERSITY BLVD, SUITE 490 ELLICOTT CITY, MD 21043 TEL: 410.465.9600 FAX: 410.465.9602		SEAL: 		PROFESSIONAL CERTIFICATION: "I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND." LICENSE NO. 32705 EXPIRATION DATE: 2/21/2026		<table><tr><td>DESIGNED:</td><td>B.J.D.</td><td>NO.</td><td>1</td><td>DATE</td><td>06/06/2025</td><td>DESCRIPTION</td><td>ADDENDUM 1</td></tr><tr><td>DRAWN:</td><td>J.A.A.</td><td>NO.</td><td>3</td><td>DATE</td><td>06/13/2025</td><td>DESCRIPTION</td><td>ADDENDUM 3</td></tr><tr><td>CHECKED:</td><td>V.J.D.</td><td>NO.</td><td>5</td><td>DATE</td><td>06/20/2025</td><td>DESCRIPTION</td><td>ADDENDUM 5</td></tr><tr><td>APPROVED:</td><td>R.N.M.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		DESIGNED:	B.J.D.	NO.	1	DATE	06/06/2025	DESCRIPTION	ADDENDUM 1	DRAWN:	J.A.A.	NO.	3	DATE	06/13/2025	DESCRIPTION	ADDENDUM 3	CHECKED:	V.J.D.	NO.	5	DATE	06/20/2025	DESCRIPTION	ADDENDUM 5	APPROVED:	R.N.M.							 HAGERSTOWN REGIONAL AIRPORT Washington County, MD		<table><tr><td colspan="2">PROJECT TITLE: TERMINAL BUILDING EXPANSION</td></tr><tr><td colspan="2">SHEET TITLE: FINAL CONDITIONS PLAN</td></tr><tr><td>SCALE: AS SHOWN</td><td>DATE: MAY 2025</td></tr></table>		PROJECT TITLE: TERMINAL BUILDING EXPANSION		SHEET TITLE: FINAL CONDITIONS PLAN		SCALE: AS SHOWN	DATE: MAY 2025	<table><tr><td colspan="2">FAA ATP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET</td></tr><tr><td colspan="2">SHEET No.: CV1.2 21 OF 102</td></tr></table>		FAA ATP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET		SHEET No.: CV1.2 21 OF 102	
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SHEET No.: CV1.2 21 OF 102																																																							

FILE NAME: C:\HGR\Projects\2024-HGR-1305 Terminal East Expansion\CAD\Sheets\0025_CV5.1_Site Details.dwg PLOTTED: Friday, June 20, 2025 - 8:48am USER: amundorff



1 BITUMINOUS PAVING SECTION
CV5.1 SCALE: NTS

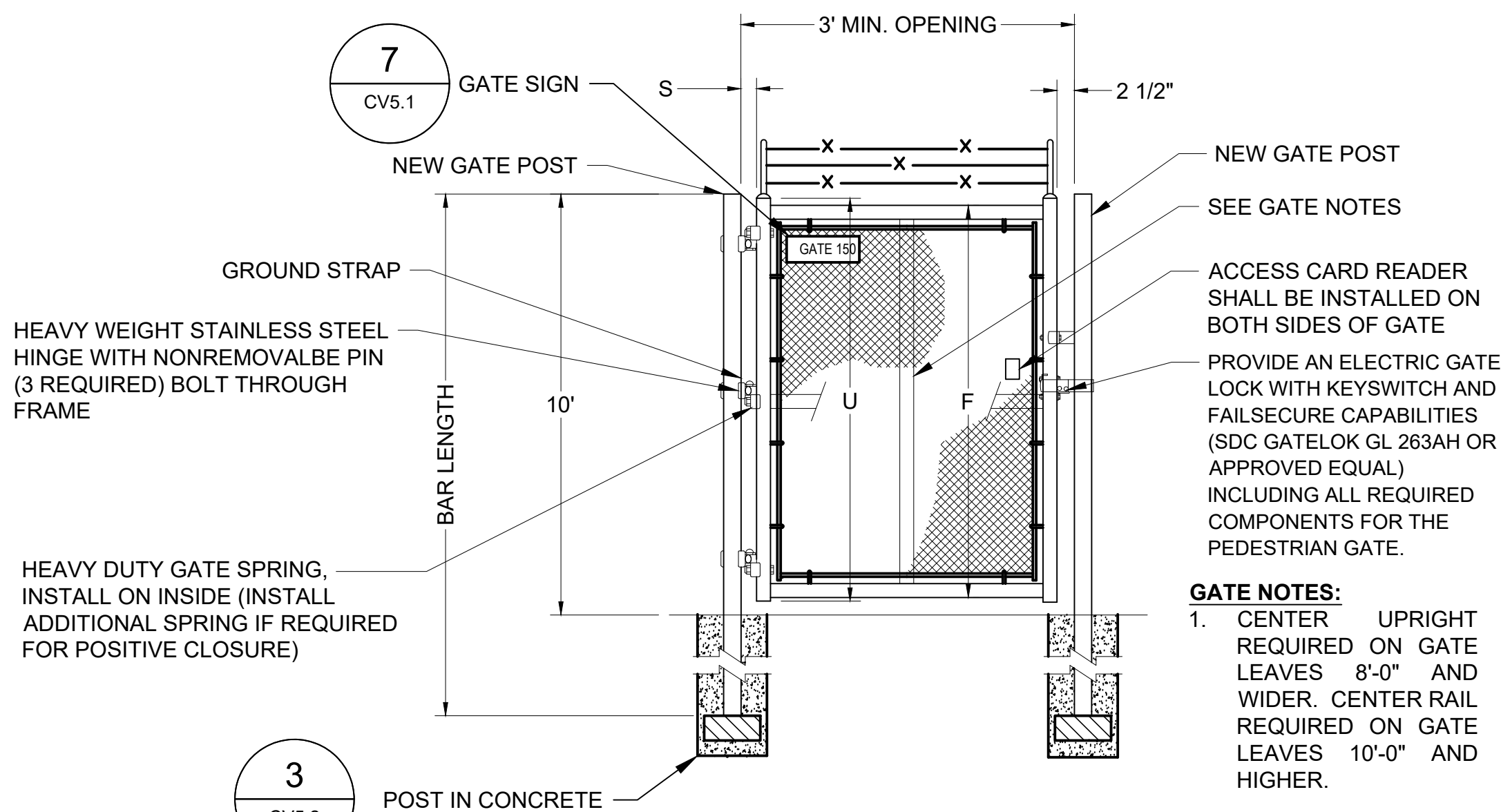


- NOTES:**
- ALL EXCAVATION, TRENCHING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH CATEGORY 200 OF THE MD DEPT. OF TRANS. S.H.A. "STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS" LATEST EDITION.
 - ALL PAVEMENT OPENINGS SHALL BE TEMPORARILY RESTORED WITH BITUMINOUS MATERIAL (HOT OR COLD) WHICH WILL BE REMOVED PRIOR TO THE INSTALLATION OF THE FINAL REPAIR PAVEMENT.
 - PAVEMENT OPENINGS 50 FEET OR GREATER IN LENGTH SHALL REQUIRE THE USE OF A PAVING MACHINE FOR PLACEMENT OF THE 2" LIFT FINAL SURFACE COURSE ASPHALT.
 - THE EDGES OF THE REPAIR OPENINGS SHALL BE NEATLY SAW CUT TO STRAIGHT CLEAN LINES AT A MINIMUM DEPTH OF 4". THESE SAW CUTS SHALL BE SEALED WITH A BITUMINOUS SEALANT AFTER FINAL PAVEMENT INSTALLATION. BITUMINOUS SEALANT AND TACK COAT SHALL BE IN ACCORDANCE WITH MD DEPT. OF TRANS. S.H.A. "STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS", LATEST EDITION, SECTION 913.

2 TRENCH REPAIR
CV5.1 SCALE: NTS

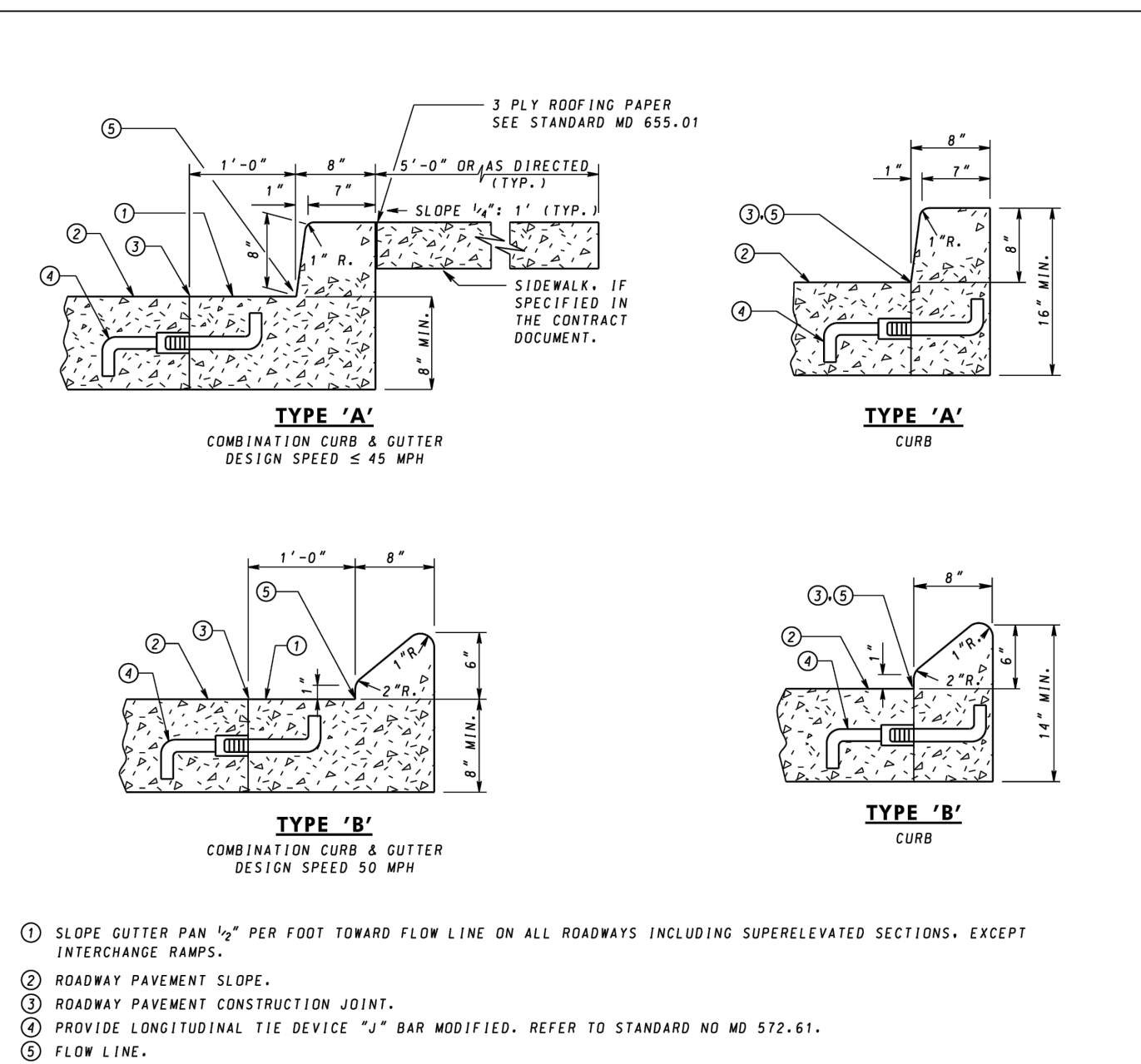
SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
3'-0" through 6'-0"	2 1/2" SQ or 2.875" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"

SINGLE OR DOUBLE LEAF GATES		
NOM HEIGHT (H)	UPRIGHT HT (U)	FRAME HT (F)
WITHOUT BARBED WIRE	ACTUAL DIM	ACTUAL DIM
8'-0"	7'-10"	7'-8 1/2"
9'-0"	8'-10"	8'-8 1/2"
10'-0"	9'-10"	9'-8 1/2"
11'-0"	10'-10"	10'-8 1/2"
12'-0"	11'-10"	11'-8 1/2"




- PEDESTRIAN GATE NOTES:**
- PEDESTRIAN GATES SHALL BE EQUIPPED WITH A TRANSOM AND A HYDRAULIC DOOR CLOSER.

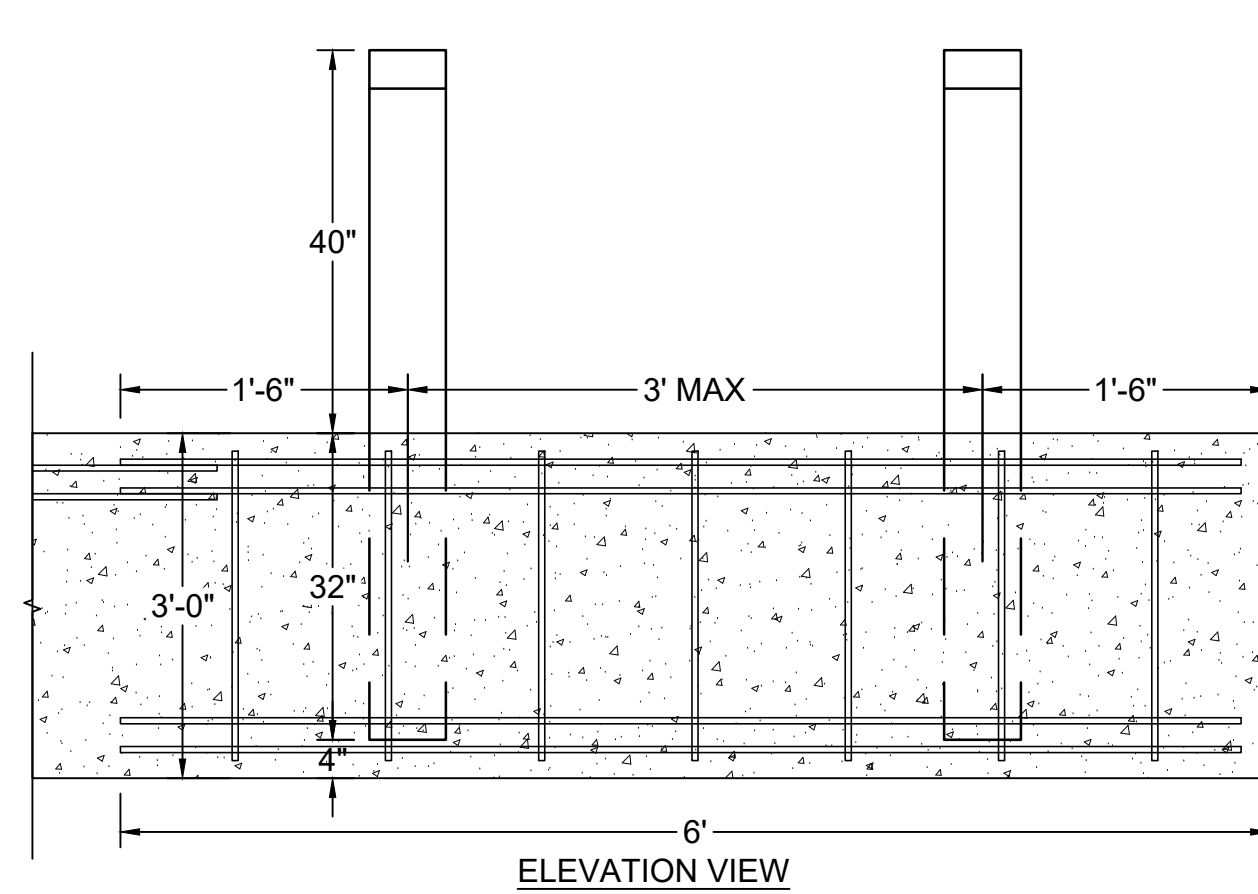
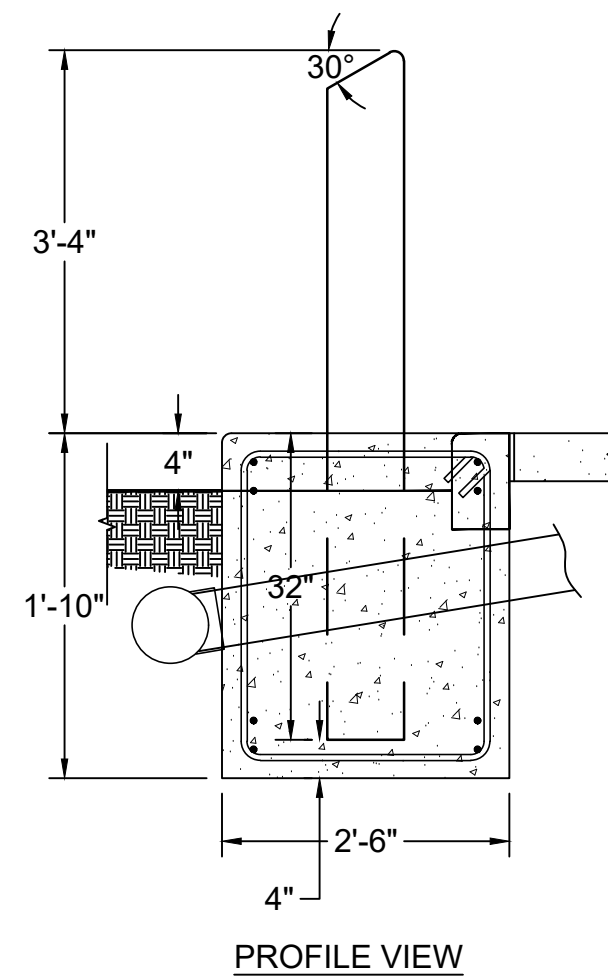
6 PEDESTRIAN GATE
CV5.1 SCALE: NTS



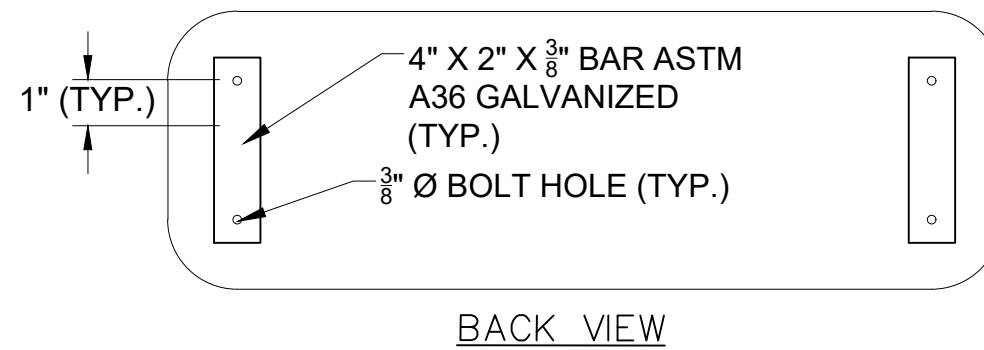
- NOTES**
- RIGID PAVEMENT ROADWAY ADJACENT TO COMBINATION CURB AND GUTTER SHALL BE TIED AT THE ROADWAY PAVEMENT CONSTRUCTION JOINT. REFER TO STANDARD NO 572.61 FOR METHOD OF LONGITUDINAL TIE DEVICES. SPACING OF THE TIE BARS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. RIGID PAVEMENT AND CURB SHALL BE CONSTRUCTED AS INDICATED. TIE DEVICES ARE NOT REQUIRED WHEN USING FLEXIBLE PAVEMENT FOR ROADWAY.
 - MAXIMUM JOINT SPACING FOR CONCRETE CURB AND COMBINATION CURB & GUTTER IS 10'. SEE SPECIFICATION FOR LOCATIONS AND DESCRIPTION OF TREATMENT FOR THE TYPES OF JOINTS USED.
 - TYPE A OR B COMBINATION CURB AND GUTTER SHALL BE USED FOR ALL APPLICABLE NEW CONSTRUCTION AND IN THOSE AREAS WHERE THE COMBINATION CURB AND GUTTER IS TO BE REPLACED IN KIND.
 - TYPE A OR B CURB SHALL BE USED FOR THE REPLACEMENT OF LIKE KIND OF CURB ONLY. NOT TO BE USED FOR NEW CONSTRUCTION EXCEPT WHERE INDICATED ON APPROPRIATE INLET STANDARDS.

SPECIFICATION 602	CATEGORY CODE ITEMS	Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES			
APPROVED					
DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT					
	APPROVAL - SHA REVISIONS	APPROVAL - FEDERAL HIGHWAY ADMINISTRATION			STANDARD TYPES A & B CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER
	APPROVAL - 2-10-04	APPROVAL - 3-31-04			
	REVIEWED - 2-25-16	REVIEWED - 2-23-16			
	REVIEWED	REVIEWED			
		STANDARD NO.		MD 620.02	

7 CURB
CV5.1 SCALE: NTS



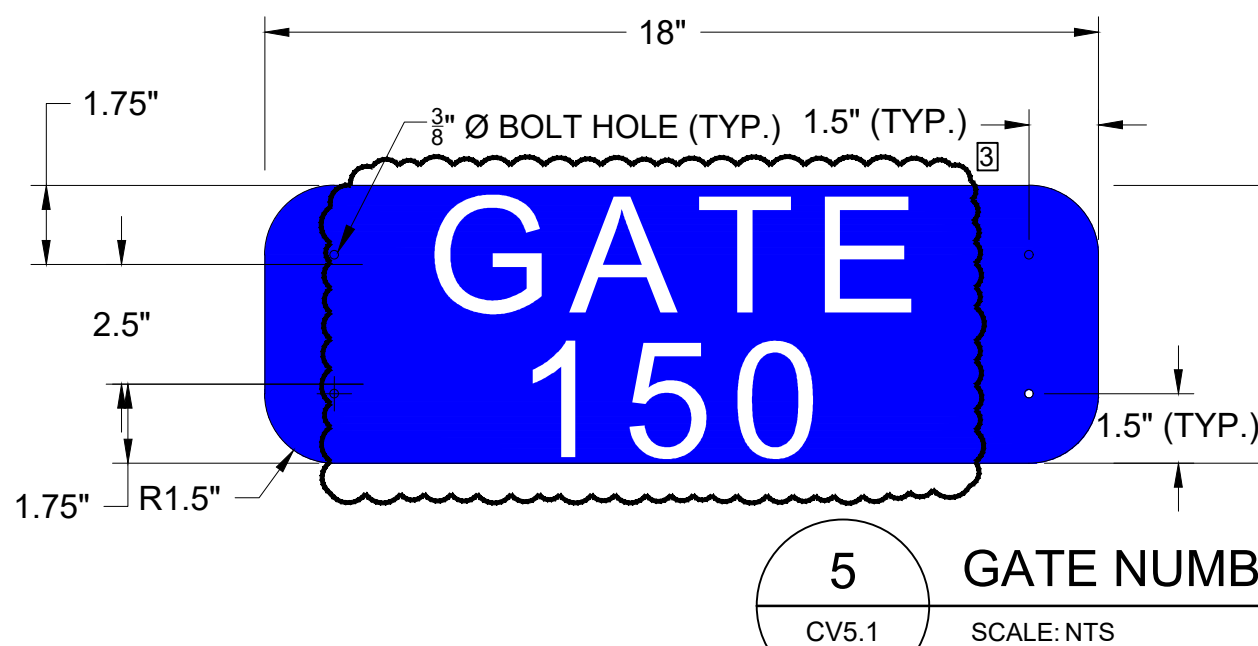
4 TERMINAL PROTECTION BOLLARD DETAIL
CV5.1 SCALE: NTS



- BOLLARD NOTES:**
- ALL CONCRETE SHALL BE MIX NO. 3 (3,500 PSI).
 - ALL EXPOSED CORNERS OF CONCRETE SHALL BE CHAMFERED WITH 3/8" X 3/8" MILLED CHAMFER STRIPS.
- REINFORCING STEEL:**
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. ALL SPLICES NOT SHOWN SHALL BE LAPPED AS PER BAR LAP CHARTS. MINIMUM COVER FOR ANY BAR SHALL BE 2" UNLESS OTHERWISE NOTED, WITH THE EXCEPTION OF BARS AT THE BOTTOM AND SIDES OF ALL FOOTINGS WHICH SHALL HAVE 3" MINIMUM COVER. FOR TIES AND STIRRUPS, STANDARD ACI BENDING TOLERANCES ARE MODIFIED TO PLUS (+) ZERO INCHES, MINUS (-) NORMAL ACI BENDING TOLERANCES.
 - ALL REINFORCING STEEL SHALL BE EPOXY COATED.

GATE SIGN NOTES:

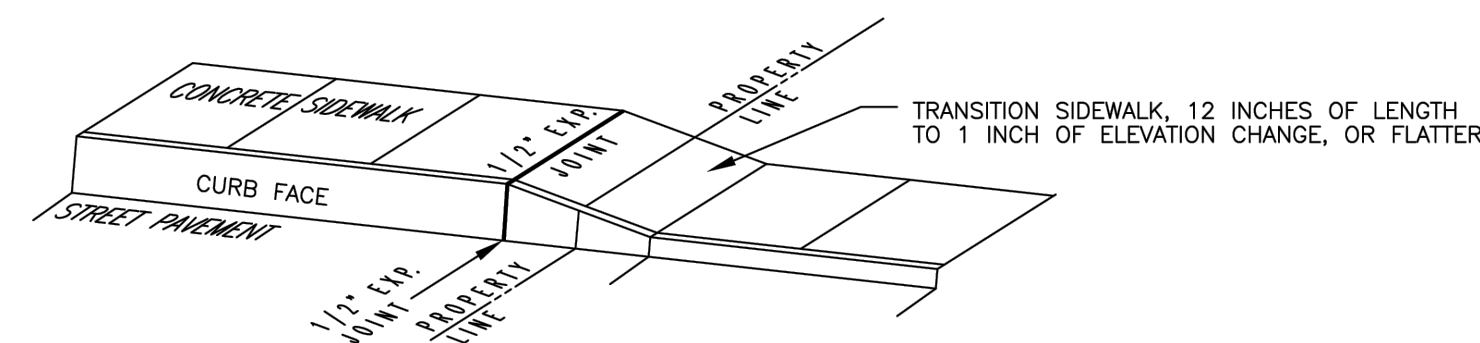
- WHITE (REFLECTIVE) LEGEND ON BLUE (REFLECTIVE) BACKGROUND.
- SIGN THICKNESS - 12 GAUGE
- MOUNT SIGNS LEVEL TO FENCE.
- SIGN SHALL BE INSTALLED ON BOTH SIDES OF THE GATE.
- SIGN SHALL BE PLACED IN THE UPPER LEFT HAND CORNER OF THE GATE LEAF.
- THERE WILL BE NO SEPARATE PAY ITEM FOR SIGNS THEY SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE GATE (F-162).
- THE PEDESTRIAN GATE SHALL BE "GATE 150" (2 SIGNS).



5 GATE NUMBER SIGN
CV5.1 SCALE: NTS

NOTES

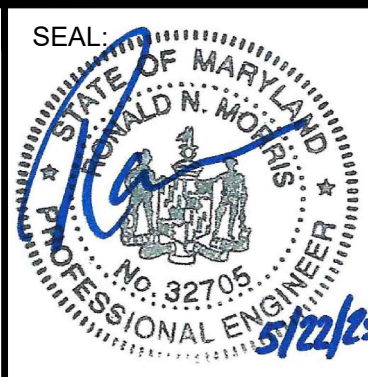
- ALL REPLACEMENT CONCRETE SIDEWALK SHALL BE MD DEPT. OF TRANS. S.H.A. MIX NO. 3 WITH A 28 DAY COMPRESSIVE STRENGTH OF 3,500 P.S.I. WITH 5%-8% AIR AND 2"-5" SLUMP. PLACED AT 4" MINIMUM THICKNESS. THE EXPOSED SURFACE SHALL BE BROOM FINISHED. DO NOT ADD WATER TO THE SURFACE FOR FINISHING. CONCRETE SHALL BE PLACED ON 4" MINIMUM DEPTH MD DEPT. OF TRANS. S.H.A. NO. 57 STONE ON FIRM SUBGRADE.
- THE REPLACEMENT CONCRETE SIDEWALK'S LOCATION, DIMENSIONS, JOINT PATTERN, JOINT TYPES, "BOX OUTS" FOR STRUCTURES, ETC. SHALL BE CONSTRUCTED AS DIRECTED BY THE CITY INSPECTOR. THE CITY INSPECTOR SHALL BE NOTIFIED IN ADVANCE OF ANY CONCRETE PLACEMENT. OBTAIN A CITY OF HAGERSTOWN, MD SIDEWALK REPLACEMENT PERMIT AND CONTACT MISS UTILITY (1-800-257-7777) BEFORE PROCEEDING WITH DEMOLITION OR CONSTRUCTION.
- IF THE REPLACEMENT SIDEWALK IS REQUIRED TO BE RAISED IN ELEVATION FROM ITS PREVIOUS ELEVATION, TRANSITION REPLACEMENT SIDEWALK MAY BE REQUIRED. THIS TRANSITION SIDEWALK SHALL BE CENTERED ON THE PROPERTY LINE WITH THE ADJACENT PROPERTY AND SHALL BE 12 INCHES IN LENGTH FOR EVERY 1 INCH OF ELEVATION CHANGE OR FLATTER AS DIRECTED BY THE CITY INSPECTOR.
- REPLACEMENT SIDEWALK AND REPLACEMENT CURB SHALL NOT BE MONOLITHIC. CONCRETE FOR THE REPLACEMENT SIDEWALK SHALL BE PLACED SEPARATELY FROM THE CONCRETE FOR THE REPLACEMENT CURB.
- TRANSVERSE 1/2" EXPANSION JOINTS SHALL BE REQUIRED AT 40' MAXIMUM INTERVALS AND SHALL ALSO BE PLACED ALONG THE BACK SIDE OF CURB WHERE SIDEWALK IS CONFINED BY CURB ON ONE EDGE AND STRUCTURES ON THE OTHER EDGE. EXPANSION JOINT MATERIAL WILL BE POSITIONED TO ALLOW FOR THE REQUIRED 1/2" DEPTH TWO PART ELASTOMERIC GUN-GRADE POLYSULFIDE SEALANT, SONNEBORN SONOLASTIC OR APPROVED EQUAL.
- WHEN SIGN POSTS EXIST IN THE SIDEWALK (TO BE REMOVED AND REPLACED) A 4" DIAMETER SCH 40 PVC SLEEVE MUST BE INSTALLED FOR EACH POST AT ITS FORMER LOCATION, UNLESS OTHERWISE DIRECTED BY THE CITY INSPECTOR. IF PARKING METERS EXIST IN SIDEWALK TO BE REPLACED CONTACT THE CITY PARKING METER TECHNICIAN AT CITY HALL TO MAKE ARRANGEMENTS TO HAVE THE METER HEAD REMOVED AND STORED BY THE CITY TECHNICIAN (CALL AGAN TO ARRANGE REPLACING OF THE METER HEAD).
- ALWAYS PROVIDE 36" MINIMUM "CLEAR WIDTH" ON SIDEWALKS IN COMPLIANCE WITH A.D.A. REQUIREMENTS.



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING DIVISION	ISSUE DATE: 03-01-2018	
	REVISIONS	
TRANSPORTATION STANDARD DETAIL REPLACEMENT CONCRETE SIDEWALK	Plate T-052	
	© CITY OF HAGERSTOWN, MD, 2018	

5 SIDEWALK
CV5.1 SCALE: NTS

CONSULTANT:



DESIGNED: B.J.D.
DRAWN: J.A.A.
CHECKED: V.J.D.
APPROVED: R.N.M.

NO.	DATE	DESCRIPTION
3	06/13/2025	ADDENDUM 3
5	06/20/2025	ADDENDUM 5



HAGERSTOWN REGIONAL AIRPORT
Washington County, MD

PROJECT TITLE: <div>TERMINAL BUILDING EXPANSION</div>		FAA ATP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET SHEET No.: <div>CV5.1</div> <div>25 OF 102</div>
SHEET TITLE: <div>SITE DETAILS 1</div>		
SCALE: <div>N.A.</div>	DATE: <div>MAY 2025</div>	



Eames' Tandem Sling Seating

Originally designed in 1962, Eames' Tandem Sling Seating has stood the test of time and provided a comfortable place for millions waiting in airports and other public spaces throughout the years. The product first appeared in Chicago O'Hare Airport and Washington D.C. Dulles Airport, and its iconic form can now be found around the world.

With so many configuration options, the seating easily meets facility needs, and its sleek look complements spaces without overwhelming them. Integrated power allows people to relax and plug in when they need to rest.

Designers
Charles and Ray Eames

- Benefits
- Charging modules (USB or simplex) distributed evenly among seats and tables
 - Durable, interchangeable seats and pads without stitch lines that are easy to care for



TOTAL SEATING = 237

NOTES:

1. ATTACH SEATING TO CONCRETE SLAB WITH FLOOR MOUNT BRACKETS. SEE SPECIFICATIONS.

MODERN OFFICE VIEW CART

1-800-443-5117 8:30AM to 5PM M-F Central

FREE NATIONWIDE SHIPPING ON ALL ITEMS! 48 STATES!

+ ADD SELECTED ITEMS TO CART

use, PRICE INCLUDES SHIPPING! **IN STOCK!**

Vinyl Color: Blue

Qty: 0

Quantity Pricing

1 - 19 \$49.00 ea.

20 - 69 \$47.00 ea.

70+ \$45.00 ea.

Hardware Kit Includes:
4 brackets, 4 - 2" screws,
4 concrete inserts and 4 washers

Qty: 0

Quantity Pricing

1 - 5 \$19.00 ea.

6 - 14 \$17.50 ea.

15+ \$16.00 ea.

Floor Mount Brackets - Set of 4
Y11079

Firmly secures your beam seating unit to the floor for security and to keep your waiting area neat and orderly. Includes four mounting brackets, four 2" screws with concrete inserts and four washers. Requires drilling into floor by customer. Shipping weight 1 lb. PRICE INCLUDES SHIPPING! **IN STOCK!**

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
DRAWN:	RAK	Rev 1	06.10.2025	Revised seating per owner (Addendum No. 1)
CHECKED:	NEM	Rev 2	06.19.2025	Revised seating per owner (Addendum No. 5)
APPROVED:	NEM			

HGR

HAGERSTOWN
REGIONAL AIRPORT

Washington County, MD

PROJECT TITLE:
TERMINAL BUILDING EXPANSION

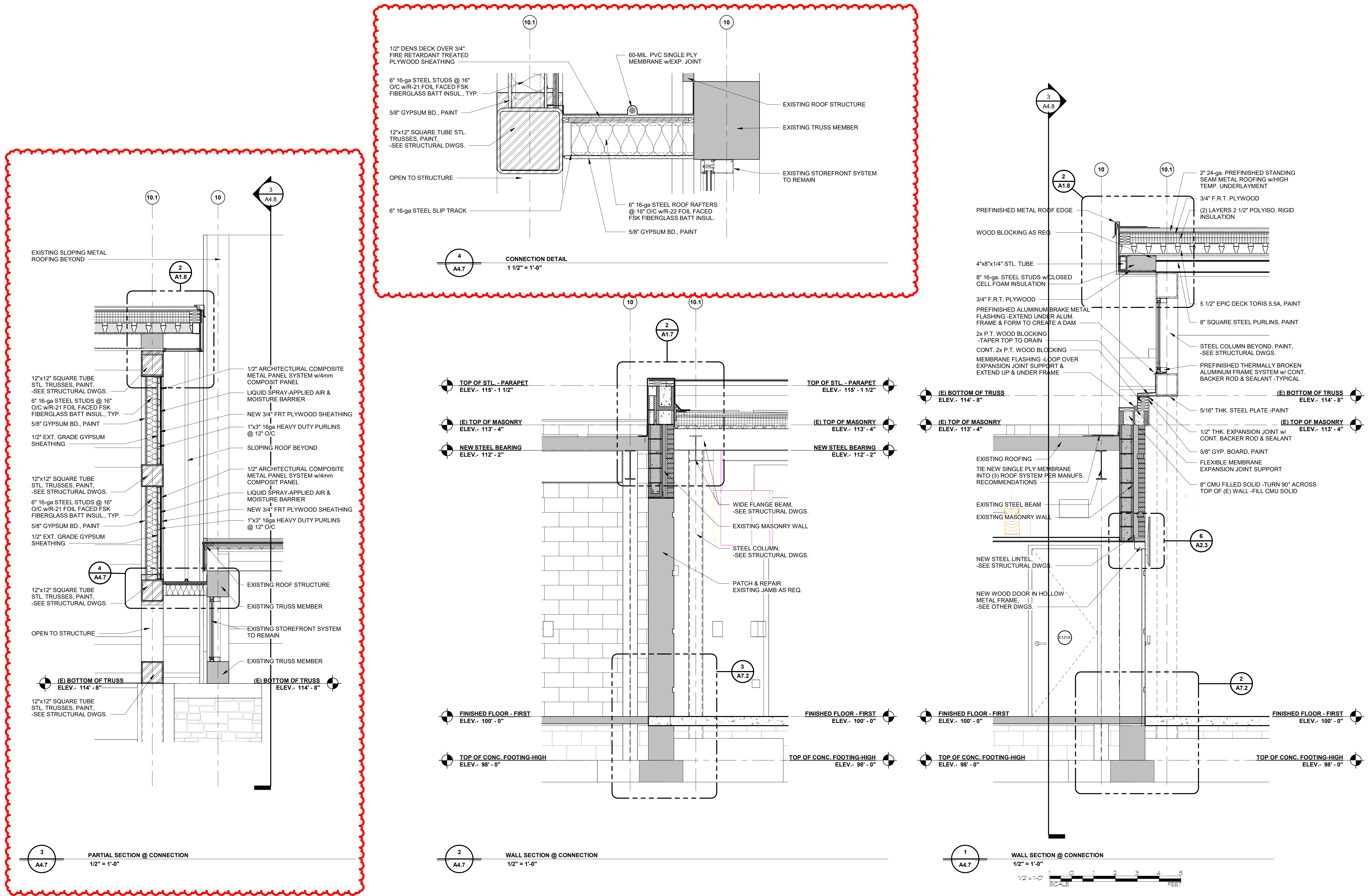
SHEET TITLE:
ENLARGED PARTIAL PLAN @ (E) HOLD ROOM

SCALE:
As indicated

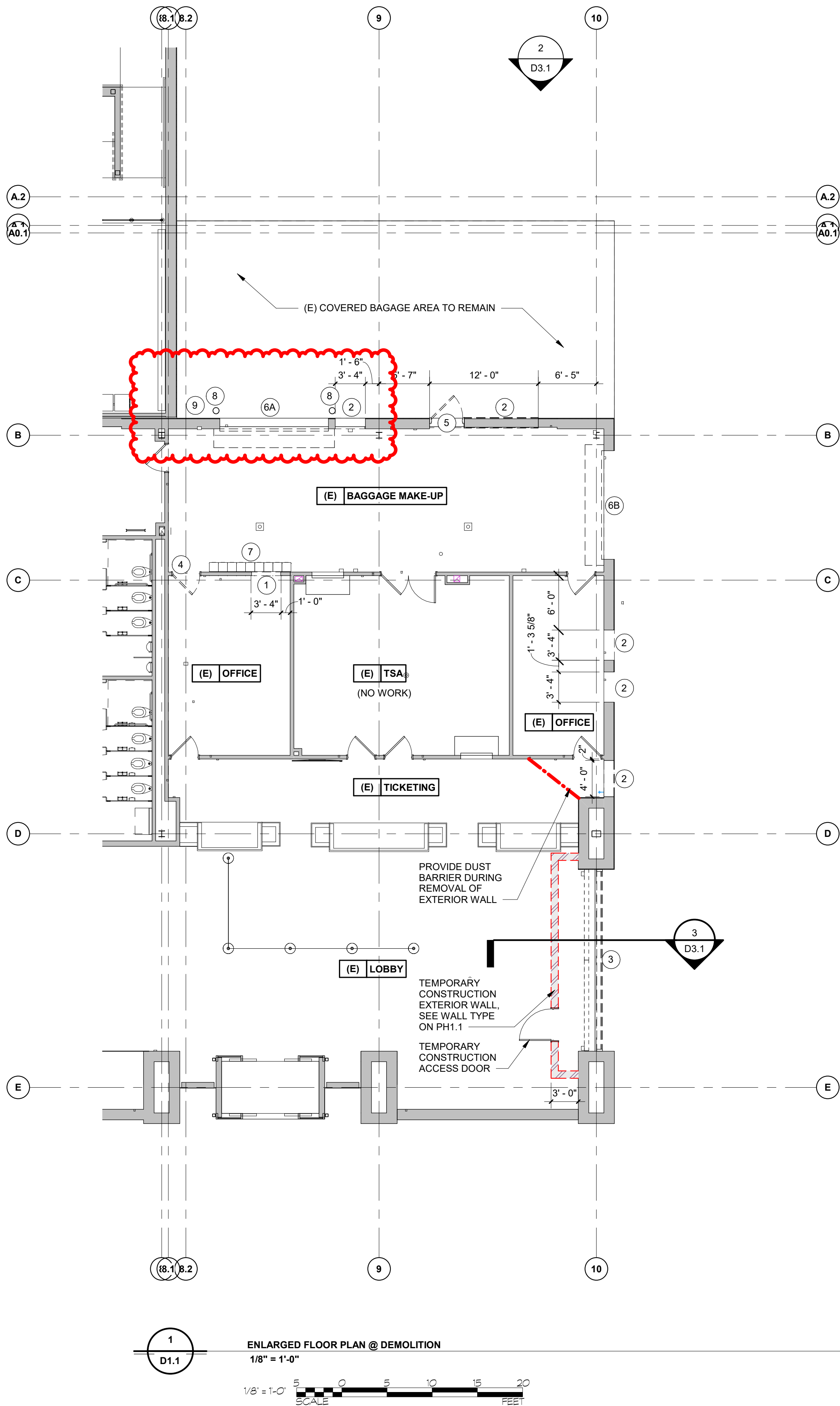
DATE:
MAY 2025

FAA AIP No.: 3-24-0019-XX-2025
Bid No.: PUR-1751
MAA Grant No.: MAA-GR-XX-XXX
SUBMISSION:
BID SET

SHEET No.:
A1.9
44 OF 102



ATTACHMENT B



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.



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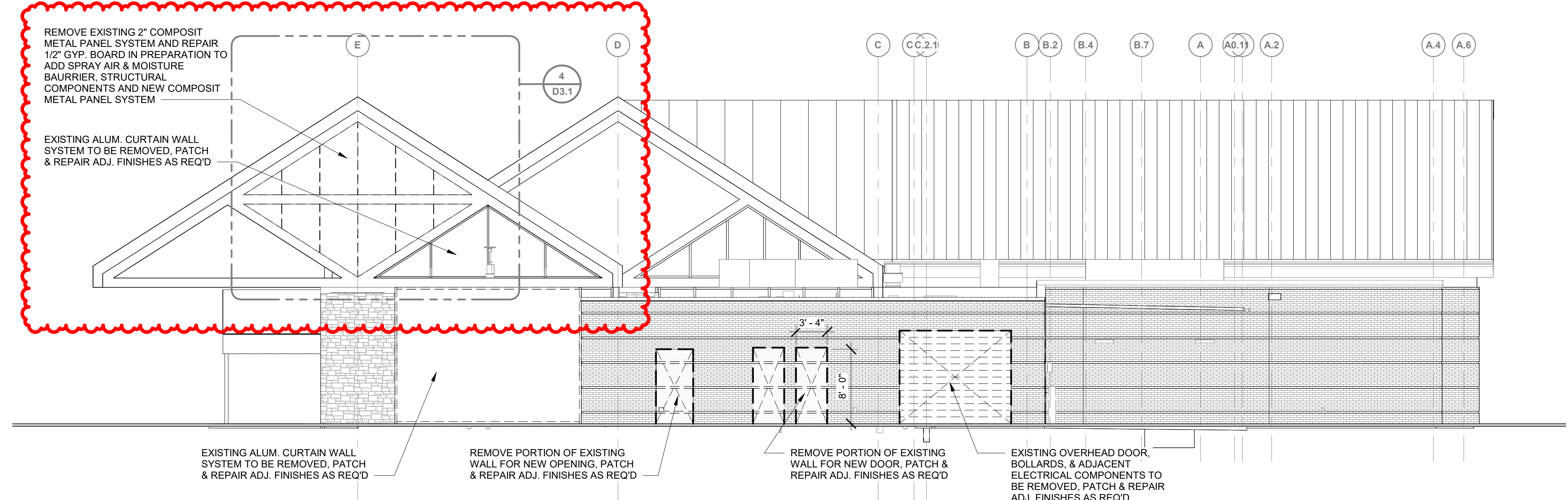
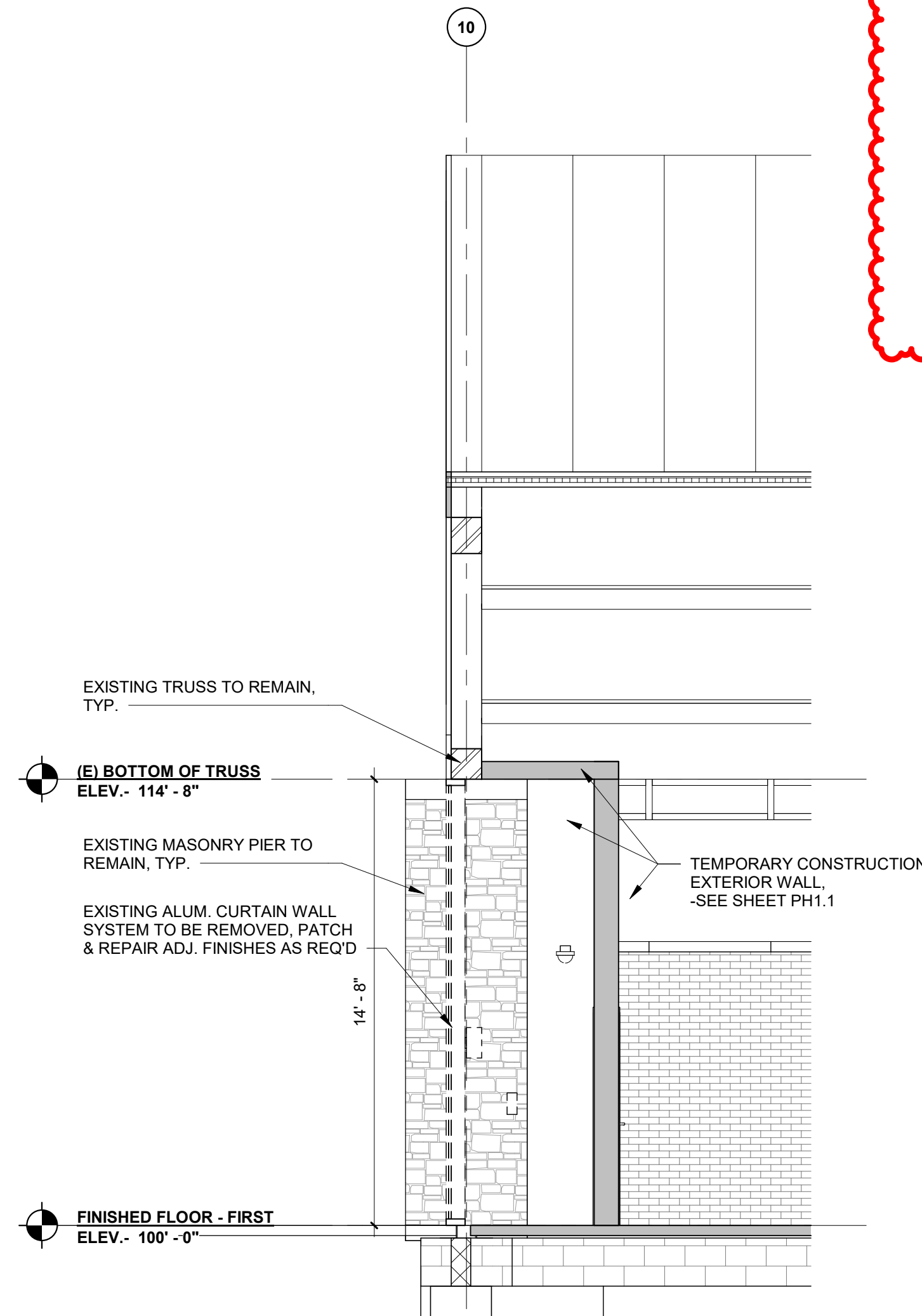
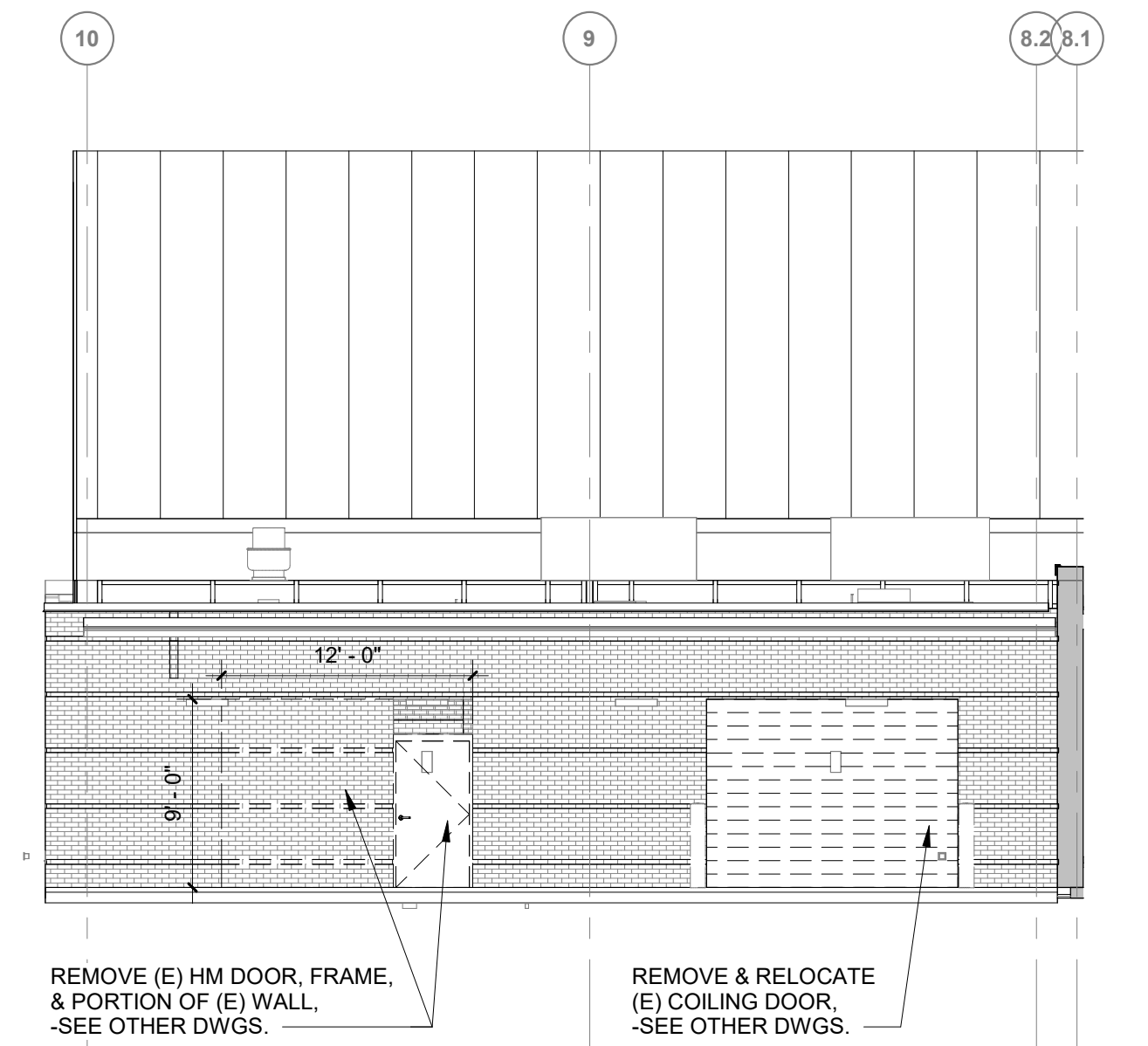
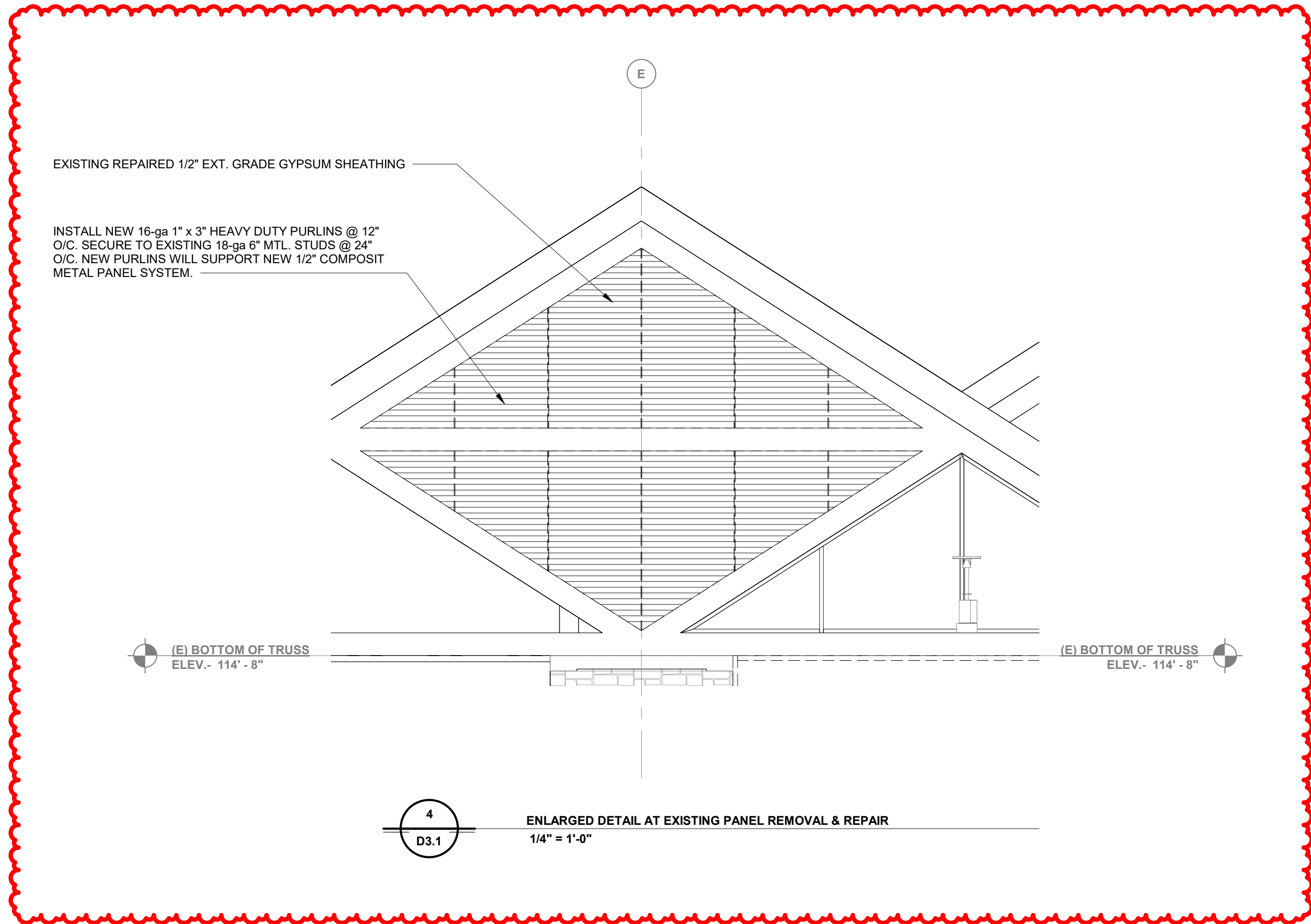
DESIGNED:	RAK	No.	DATE	DESCRIPTION
		Rev 1	06.17.2025	Revised (Addendum No. 3)
DRAWN:	RAK	Rev 2	06.18.2025	Revised (Addendum No. 4)
CHECKED:	NEM			
APPROVED:	NEM			



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE: TERMINAL BUILDING EXPANSION	
SHEET TITLE: ENLARGED FLOOR PLAN AT DEMOLITION	
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.: D1.1 31 OF 102



3
D3.1
DEMOLITION WALL SECTION
1/4" = 1'-0"
1/4" = 1'-0"
SCALE 0 2 4 6 8 10 FEET

1
D3.1
EXTERIOR DEMOLITION BUILDING ELEVATION - EAST
1/8" = 1'-0"
1/8" = 1'-0"
SCALE 0 5 10 15 20 FEET

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



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

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

HGR

**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

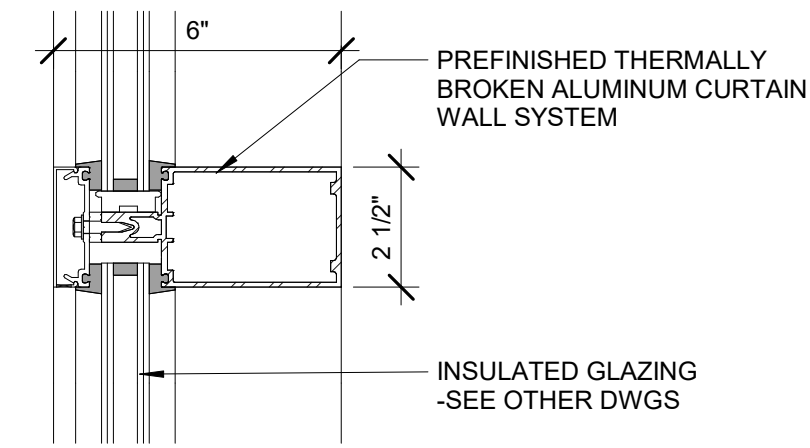
PROJECT TITLE: TERMINAL BUILDING EXPANSION	
SHEET TITLE: DEMOLITION BUILDING ELEVATION & SECTION	
SCALE: As indicated	DATE: MAY 2025

FAA AIP No.: 3-24-0019-XX-2025
Bid No.: PUR-1751
MAA Grant No.: MAA-GR-XX-XXX

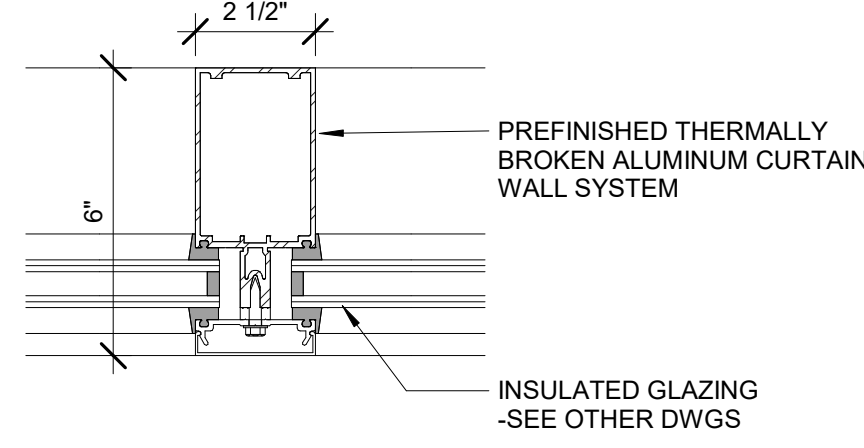
SUBMISSION:
BID SET

SHEET No.:
D3.1

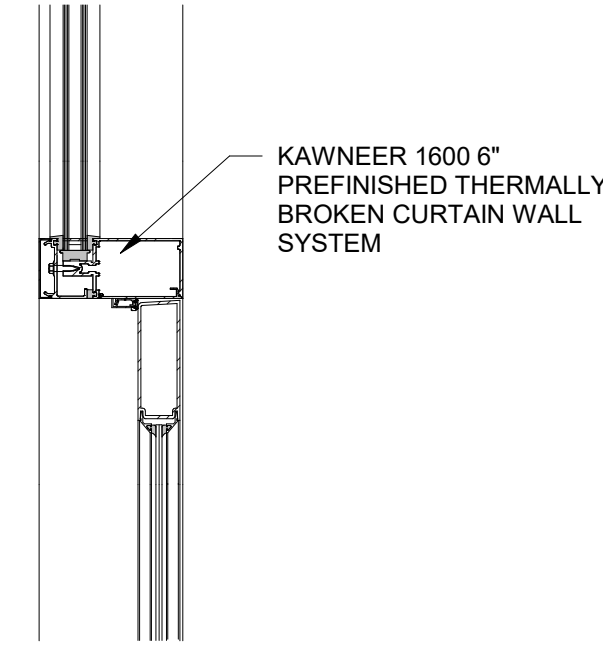
32 OF 102



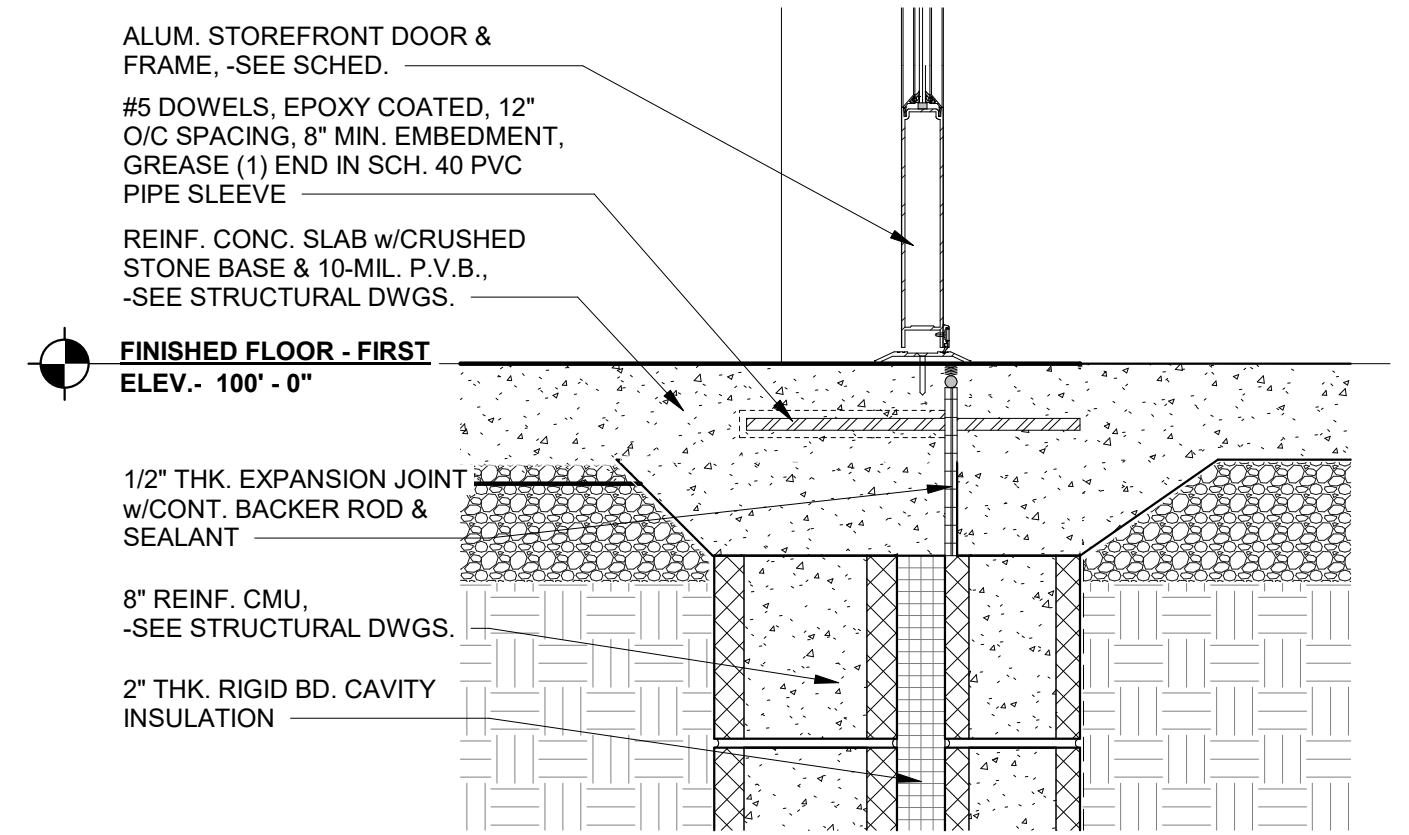
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A2.4
HORIZONTAL MULLION @ ALUM. CURTAIN WALL
3" = 1'-0"



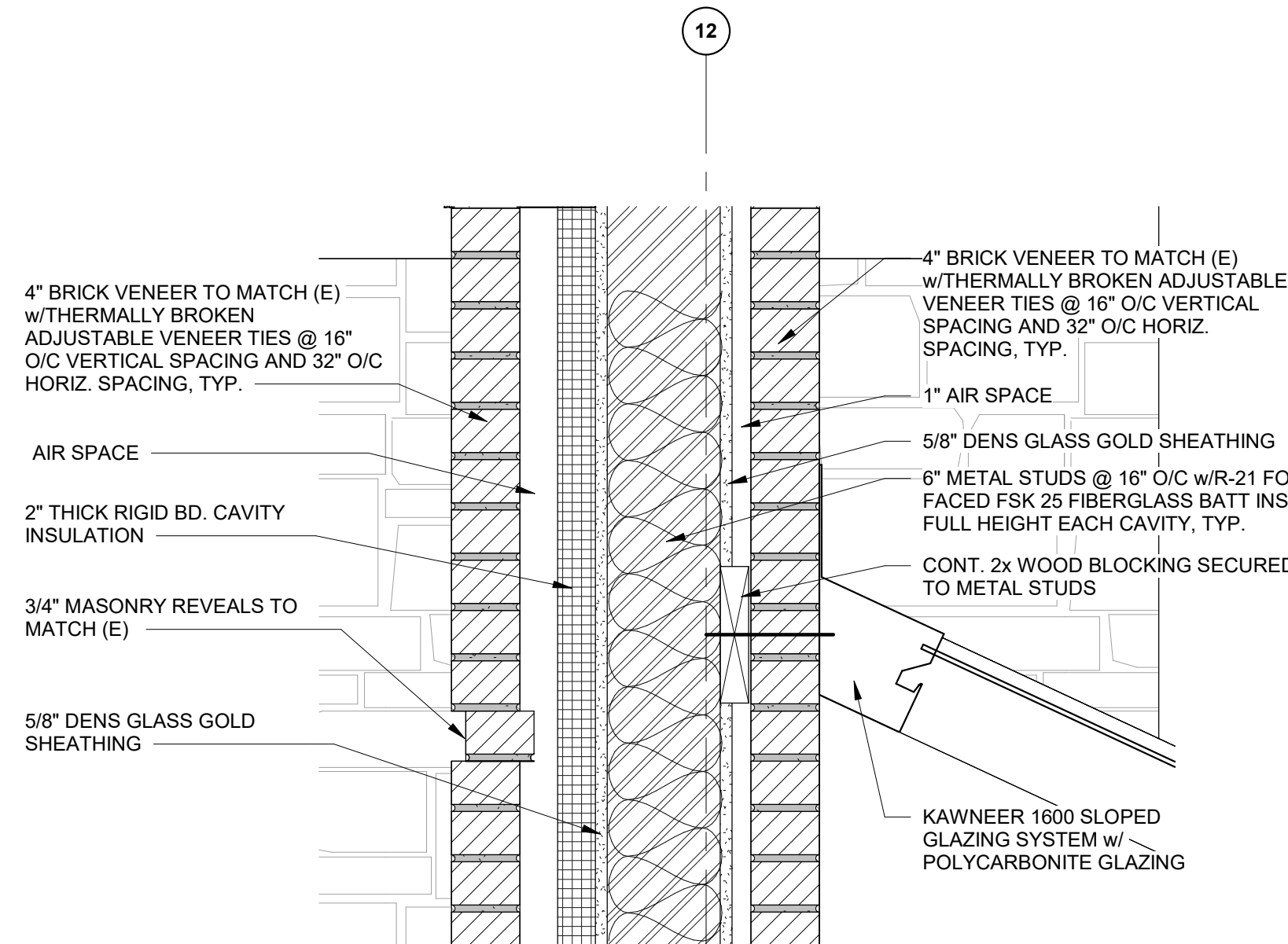
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A2.4
VERTICAL MULLION @ ALUM. CURTAIN WALL
3" = 1'-0"



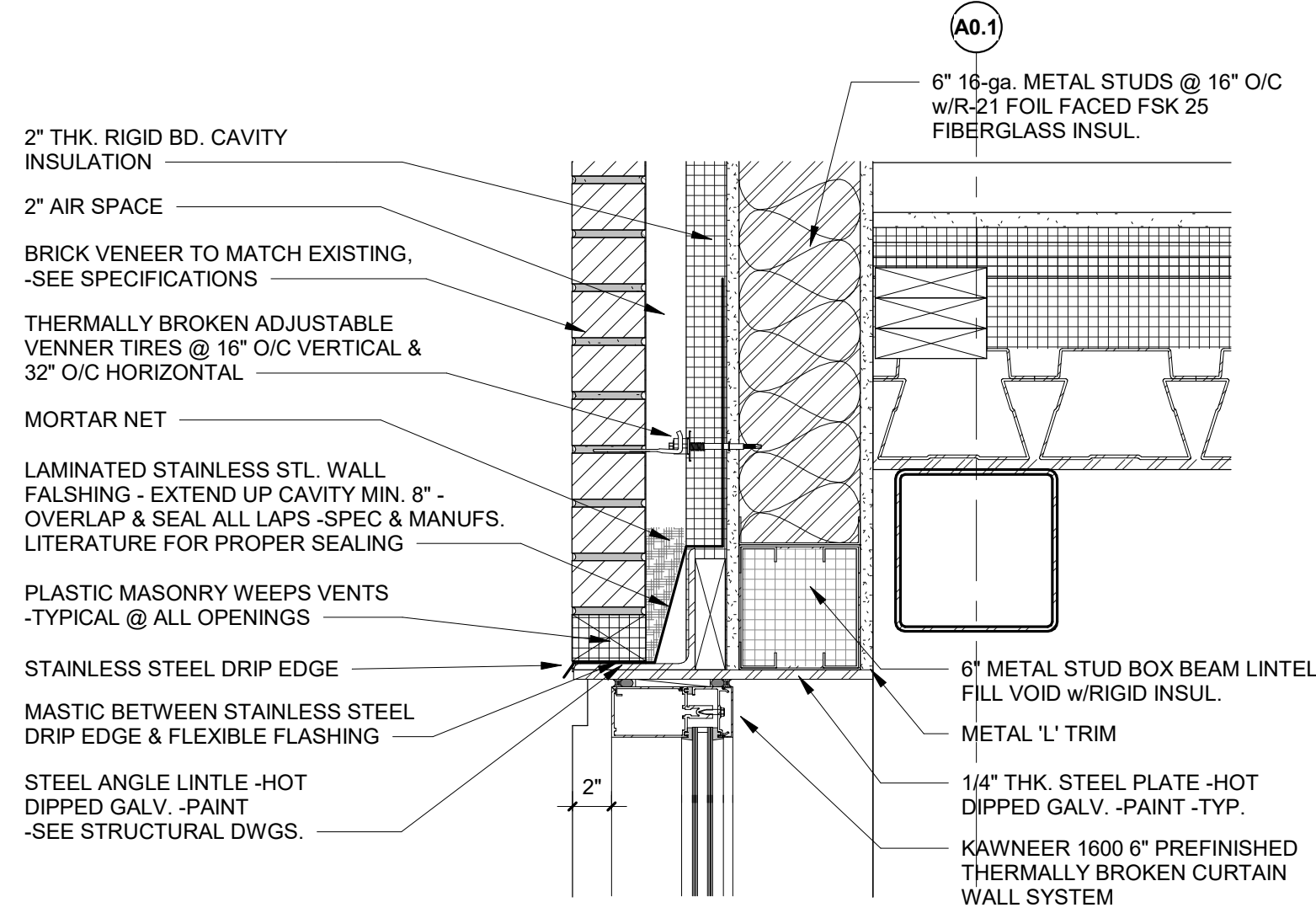
8
A2.4
STOREFRONT ENTRANCE HEAD DETAIL
1 1/2" = 1'-0"



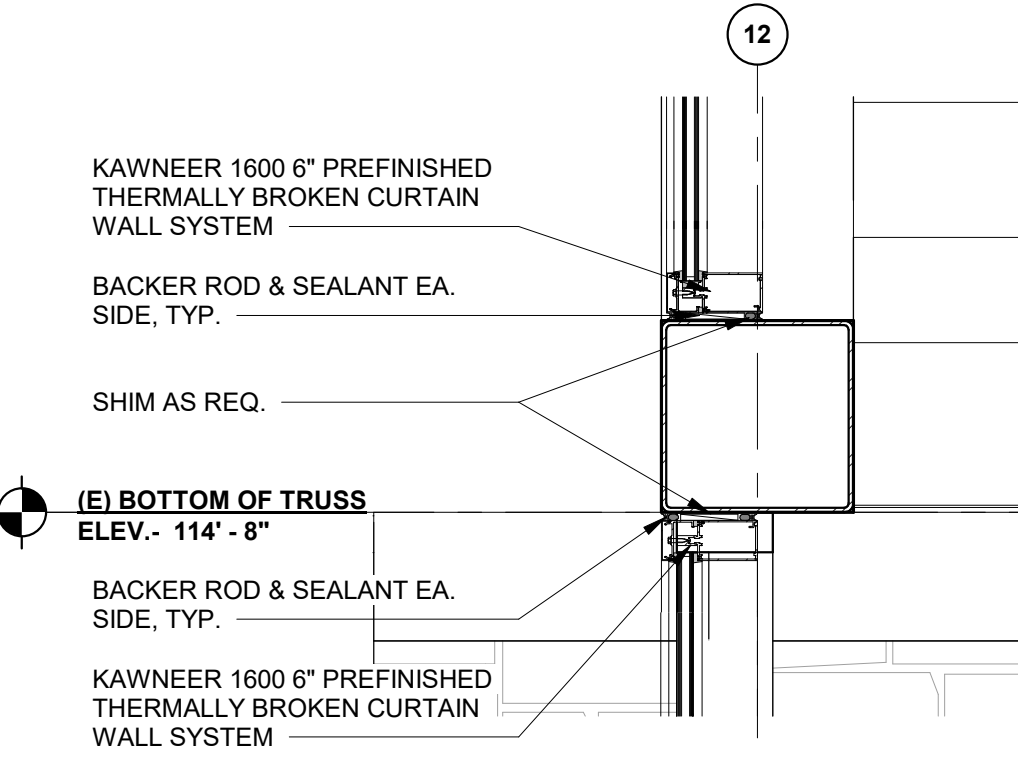
7
A2.4
ALUM. STOREFRONT DOOR SILL DETAIL
1 1/2" = 1'-0"



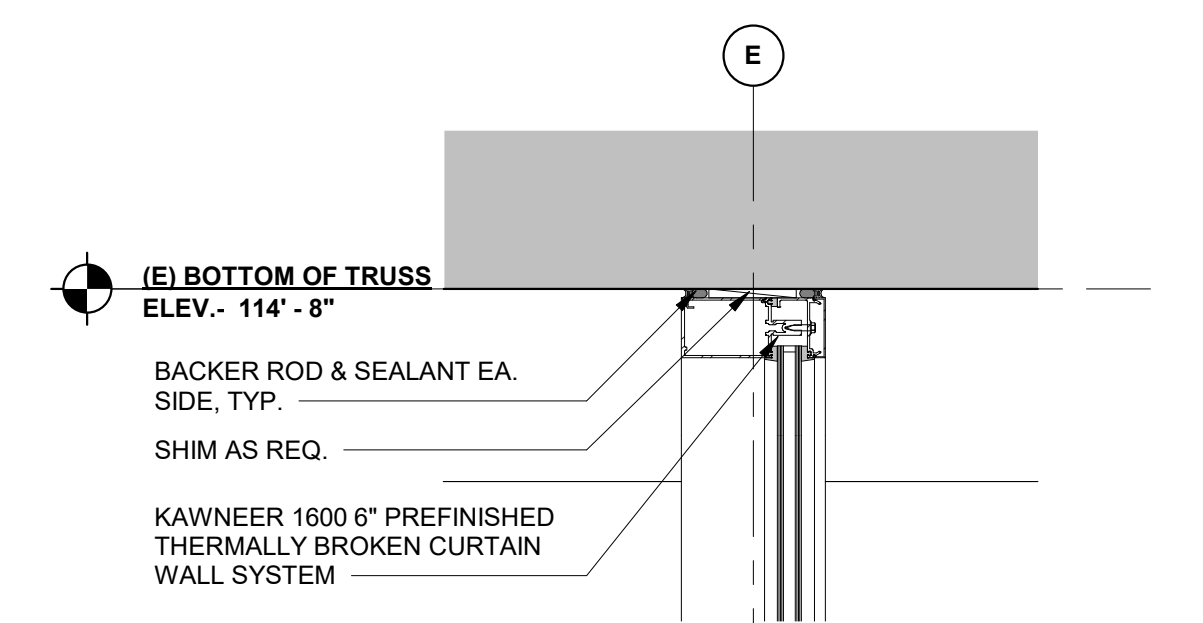
12
A2.4
HEAD DETAIL @ SLOPED GLAZING
1 1/2" = 1'-0"



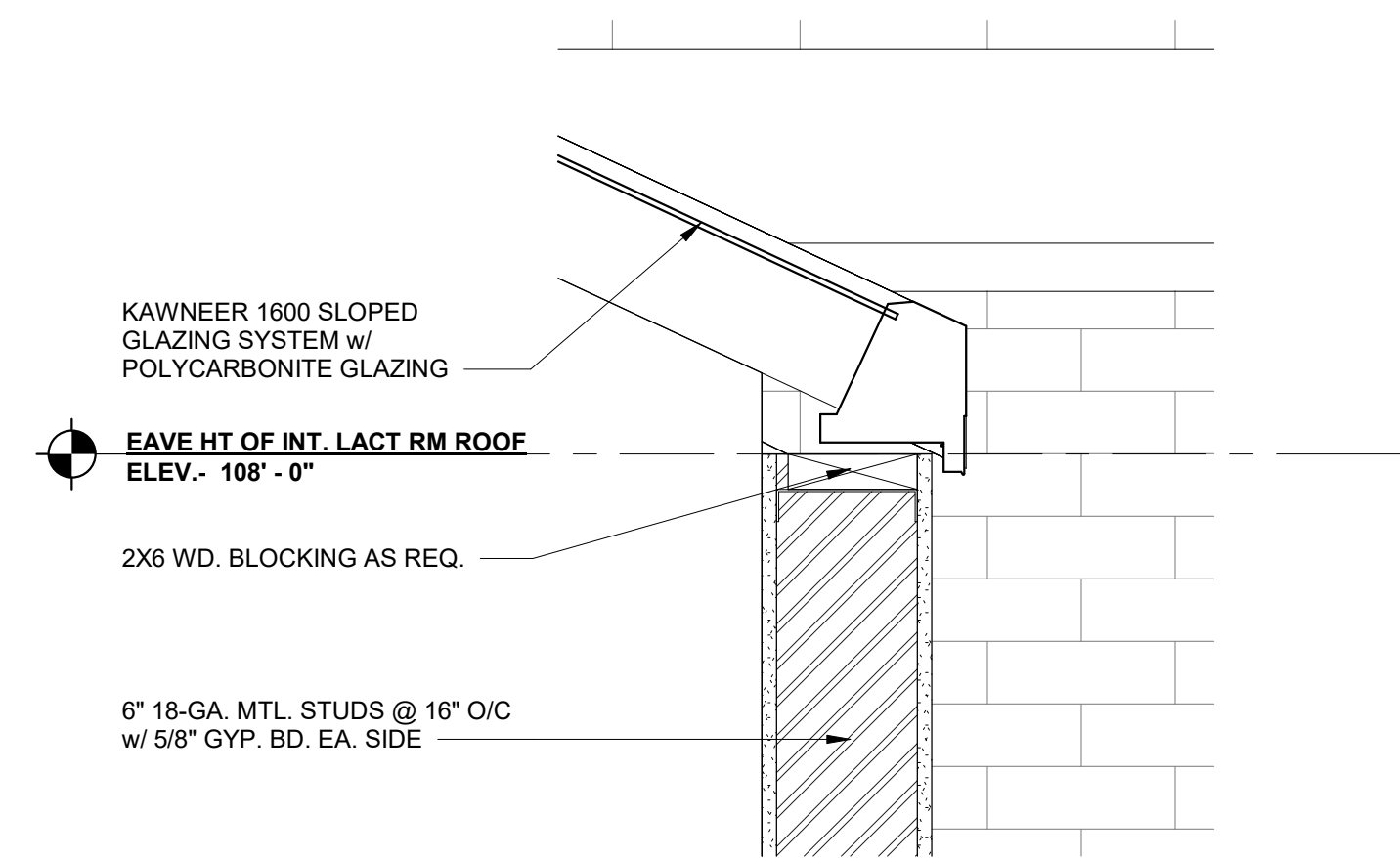
6
A2.4
CW-3 HEAD DETAIL
1 1/2" = 1'-0"



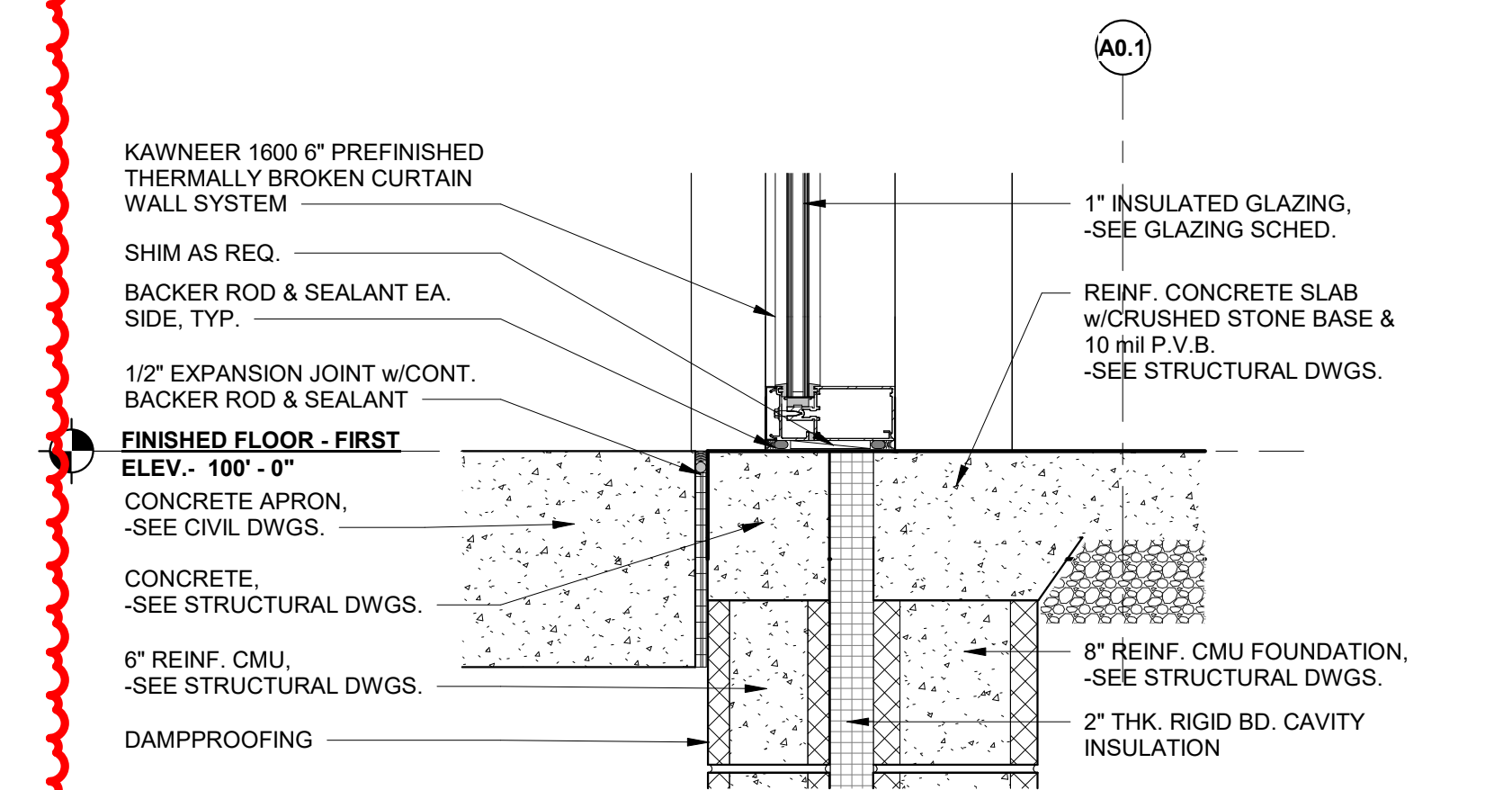
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A2.4
CW-2 HEAD DETAIL
1" = 1'-0"



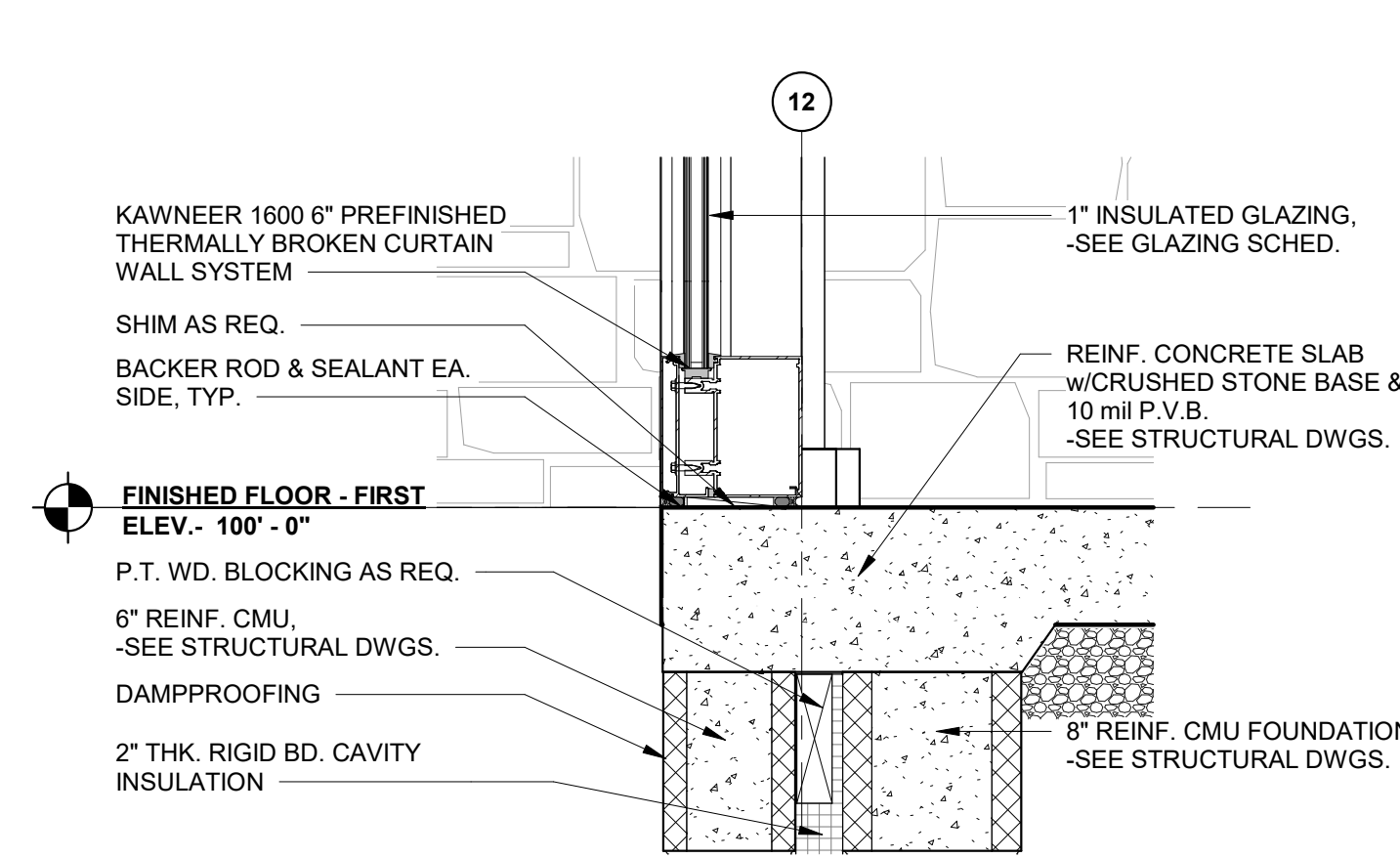
2
A2.4
CW-1 HEAD DETAIL
1 1/2" = 1'-0"



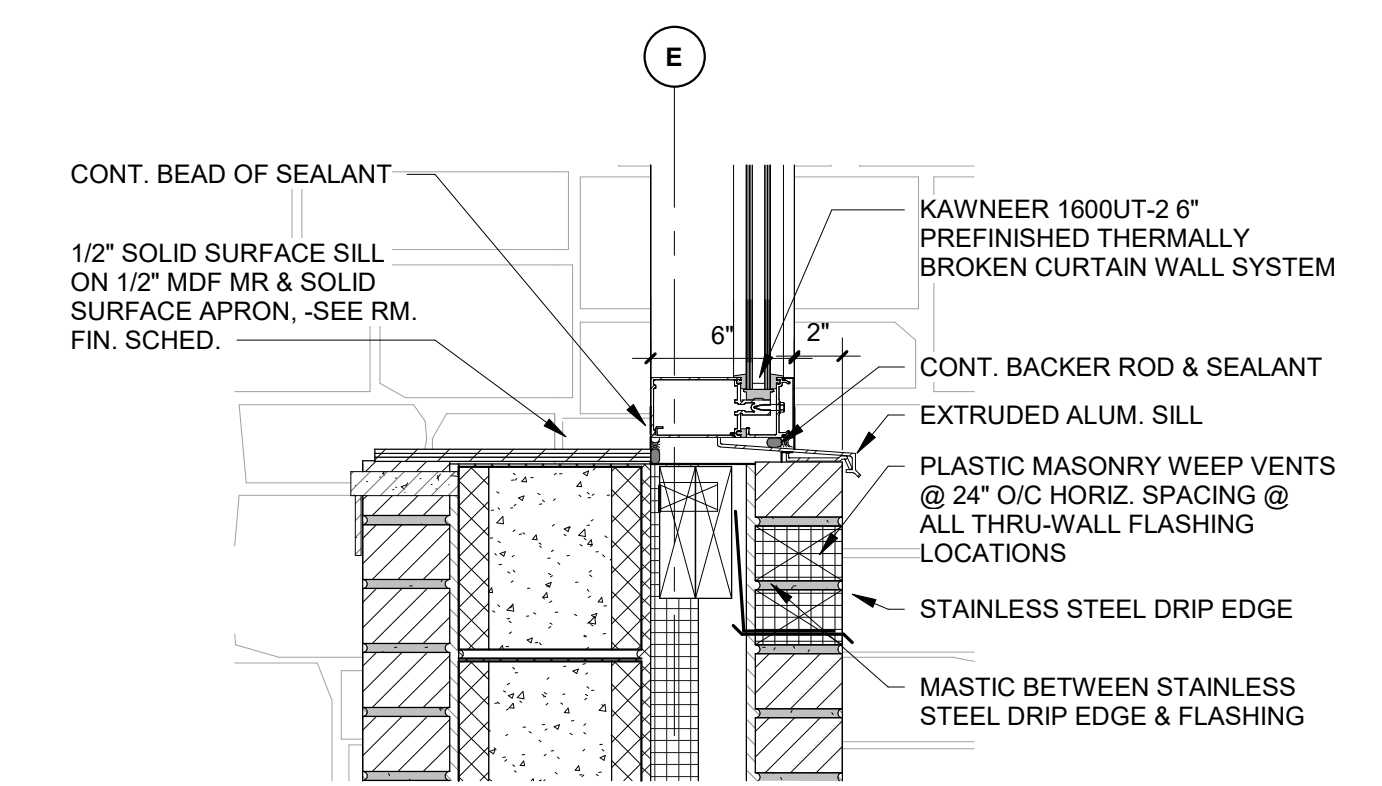
11
A2.4
SILL DETAIL @ SLOPED GLAZING
1 1/2" = 1'-0"



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 1/2" = 1'-0" SCALE

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.

A detailed map of the project location in the city of Baku, Azerbaijan. The map shows a complex urban layout with roads, buildings, and a large circular area labeled 'PROJECT LOCATION'. A north arrow is present in the top left corner.

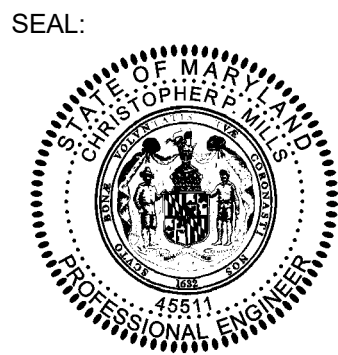
FAA AIP No.: 3-24-0019-XX-2025
Bid No.: PUR-1751
MAA Grant No.: MAA-GR-XX-XXX
SUBMISSION:
BID SET
SHEET No.: **E1-1**
95 OF 102

This architectural floor plan depicts a large building with a complex layout. The plan includes numerous rooms, corridors, and service areas. Key features include:

- Rooms and Areas:** Labeled rooms include TSA, REF, SUB, ER, R1, R2, R3, R4, R5, R6, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100, L101, L102, L103, L104, L105, L106, L107, L108, L109, L110, L111, L112, L113, L114, L115, L116, L117, L118, L119, L120, L121, L122, L123, L124, L125, L126, L127, L128, L129, L130, L131, L132, L133, L134, L135, L136, L137, L138, L139, L140, L141, L142, L143, L144, L145, L146, L147, L148, L149, L150, L151, L152, L153, L154, L155, L156, L157, L158, L159, L160, L161, L162, L163, L164, L165, L166, L167, L168, L169, L170, L171, L172, L173, L174, L175, L176, L177, L178, L179, L180, L181, L182, L183, L184, L185, L186, L187, L188, L189, L190, L191, L192, L193, L194, L195, L196, L197, L198, L199, L200, L201, L202, L203, L204, L205, L206, L207, L208, L209, L210, L211, L212, L213, L214, L215, L216, L217, L218, L219, L220, L221, L222, L223, L224, L225, L226, L227, L228, L229, L230, L231, L232, L233, L234, L235, L236, L237, L238, L239, L240, L241, L242, L243, L244, L245, L246, L247, L248, L249, L250, L251, L252, L253, L254, L255, L256, L257, L258, L259, L260, L261, L262, L263, L264, L265, L266, L267, L268, L269, L270, L271, L272, L273, L274, L275, L276, L277, L278, L279, L280, L281, L282, L283, L284, L285, L286, L287, L288, L289, L290, L291, L292, L293, L294, L295, L296, L297, L298, L299, L300, L301, L302, L303, L304, L305, L306, L307, L308, L309, L310, L311, L312, L313, L314, L315, L316, L317, L318, L319, L320, L321, L322, L323, L324, L325, L326, L327, L328, L329, L330, L331, L332, L333, L334, L335, L336, L337, L338, L339, L340, L341, L342, L343, L344, L345, L346, L347, L348, L349, L350, L351, L352, L353, L354, L355, L356, L357, L358, L359, L360, L361, L362, L363, L364, L365, L366, L367, L368, L369, L370, L371, L372, L373, L374, L375, L376, L377, L378, L379, L380, L381, L382, L383, L384, L385, L386, L387, L388, L389, L390, L391, L392, L393, L394, L395, L396, L397, L398, L399, L400, L401, L402, L403, L404, L405, L406, L407, L408, L409, L410, L411, L412, L413, L414, L415, L416, L417, L418, L419, L420, L421, L422, L423, L424, L425, L426, L427, L428, L429, L430, L431, L432, L433, L434, L435, L436, L437, L438, L439, L440, L441, L442, L443, L444, L445, L446, L447, L448, L449, L450, L451, L452, L453, L454, L455, L456, L457, L458, L459, L460, L461, L462, L463, L464, L465, L466, L467, L468, L469, L470, L471, L472, L473, L474, L475, L476, L477, L478, L479, L480, L481, L482, L483, L484, L485, L486, L487, L488, L489, L490, L491, L492, L493, L494, L495, L496, L497, L498, L499, L500, L501, L502, L503, L504, L505, L506, L507, L508, L509, L510, L511, L512, L513, L514, L515, L516, L517, L518, L519, L520, L521, L522, L523, L524, L525, L526, L527, L528, L529, L530, L531, L532, L533, L534, L535, L536, L537, L538, L539, L540, L541, L542, L543, L544, L545, L546, L547, L548, L549, L550, L551, L552, L553, L554, L555, L556, L557, L558, L559, L560, L561, L562, L563, L564, L565, L566, L567, L568, L569, L570, L571, L572, L573, L574, L575, L576, L577, L578, L579, L580, L581, L582, L583, L584, L585, L586, L587, L588, L589, L590, L591, L592, L593, L594, L595, L596, L597, L598, L599, L600, L601, L602, L603, L604, L605, L606, L607, L608, L609, L610, L611, L612, L613, L614, L615, L616, L617, L618, L619, L620, L621, L622, L623, L624, L625, L626, L627, L628, L629, L630, L631, L632, L633, L634, L635, L636, L637, L638, L639, L640, L641, L642, L643, L644, L645, L646, L647, L648, L649, L650, L651, L652, L653, L654, L655, L656, L657, L658, L659, L660, L661, L662, L663, L664, L665, L666, L667, L668, L669, L670, L671, L672, L673, L674, L675, L676, L677, L678, L679, L680, L681, L682, L683, L684, L685, L686, L687, L688, L689, L690, L691, L692, L693, L694, L695, L696, L697, L698, L699, L700, L701, L702, L703, L704, L705, L706, L707, L708, L709, L710, L711, L712, L713, L714, L715, L716, L717, L718, L719, L720, L721, L722, L723, L724, L725, L726, L727, L728, L729, L730, L731, L732, L733, L734, L735, L736, L737, L738, L739, L740, L741, L742, L743, L744, L745, L746, L747, L748, L749, L750, L751, L752, L753, L754, L755, L756, L757, L758, L759, L760, L761, L762, L763, L764, L765, L766, L767, L768, L769, L770, L771, L772, L773, L774, L775, L776, L777, L778, L779, L780, L781, L782, L783, L784, L785, L786, L787, L788, L789, L790, L791, L792, L793, L794, L795, L796, L797, L798, L799, L800, L801, L802, L803, L804, L805, L806, L807, L808, L809, L810, L811, L812, L813, L814, L815, L816, L817, L818, L819, L820, L821, L

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

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FAX: 410-465-9602



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

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



HAGERSTOWN REGIONAL AIRPORT

Washington County, MD

SHEET TITLE:

DEMOLITION FIRST FLOOR PLAN - ELECTRICAL

SCALE: As indicated

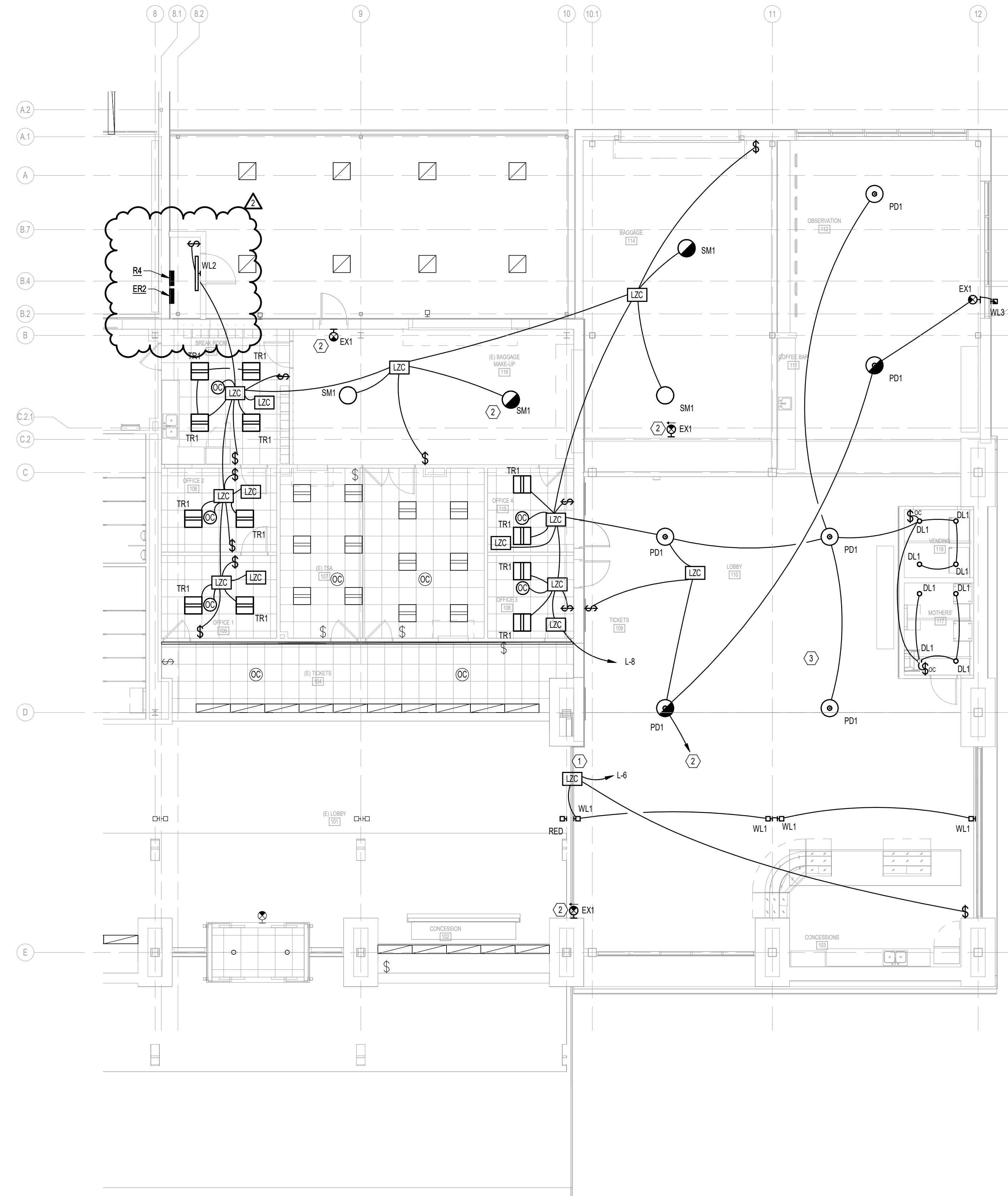
DATE: MAY 2025

GENERAL NOTES

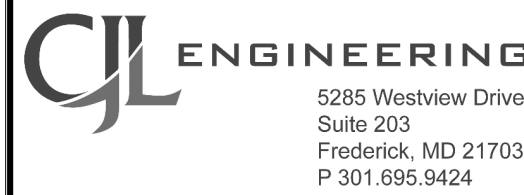
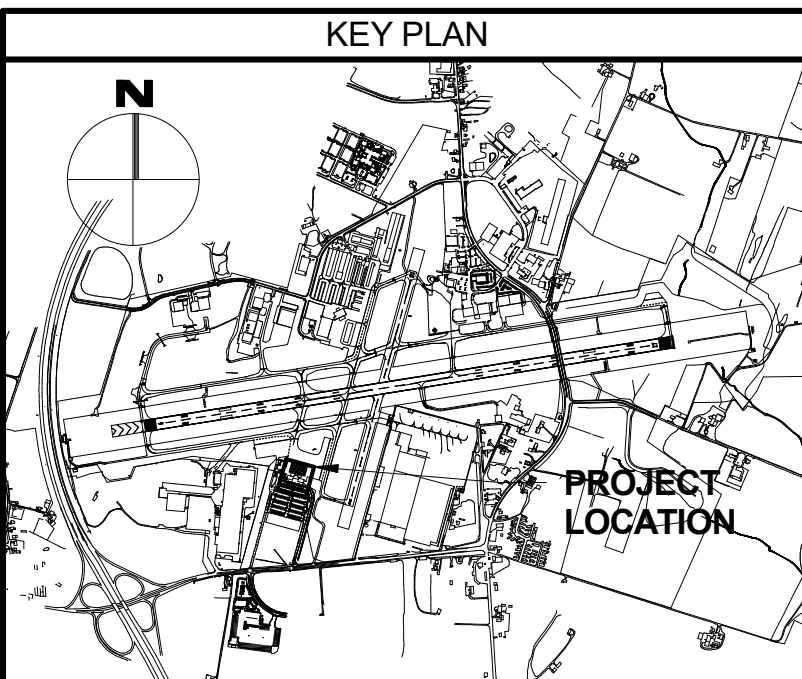
- COORDINATE EXACT MOUNTING HEIGHT ABOVE FINISHED FLOOR AND LENGTH OF SUSPENSION CABLE REQUIRED WITH ARCHITECT. COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH IN. PROVIDE AND MOUNT TO A SWIVEL CANOPY.
- COORDINATE EXACT HEIGHT, LOCATION AND FINISH OF ALL FIXTURES WITH ARCHITECT PRIOR TO ROUGH 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 PURLIN TO FEED THE ACCESS PANELS.



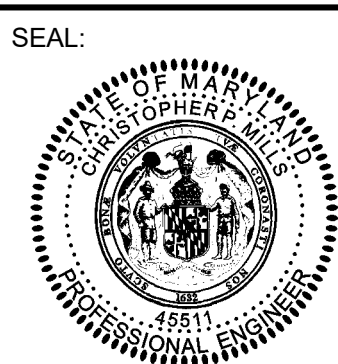
1 ENLARGED FIRST FLOOR PLAN - LIGHTING
E2-1 1/8" = 1'-0"



5285 Westview Drive
Suite 203
Frederick, MD 21703
P 301.695.9424



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



Professional Certification:
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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

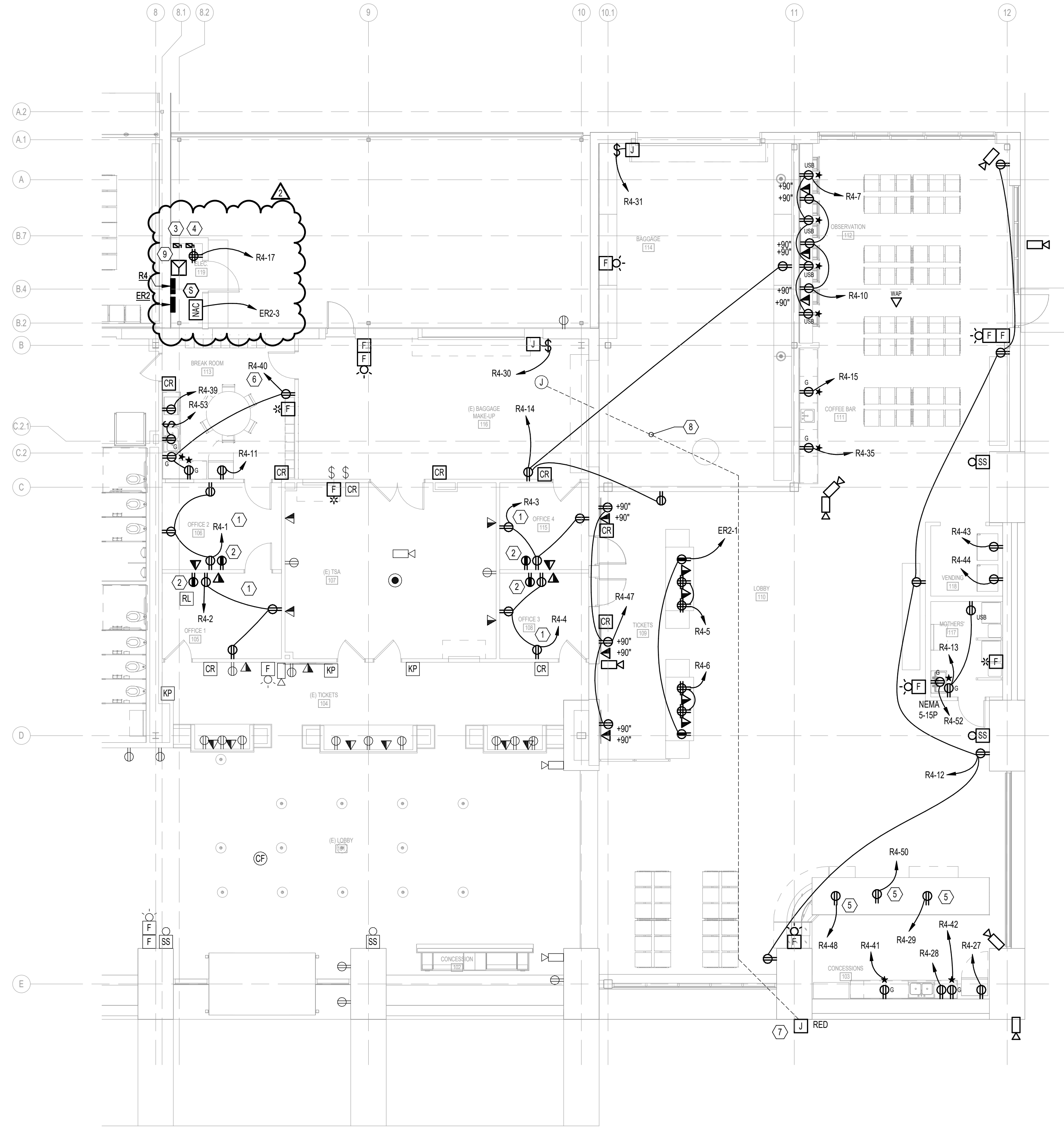
FAA AIP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET
SHEET No.: E2-1 96 OF 102

GENERAL NOTES

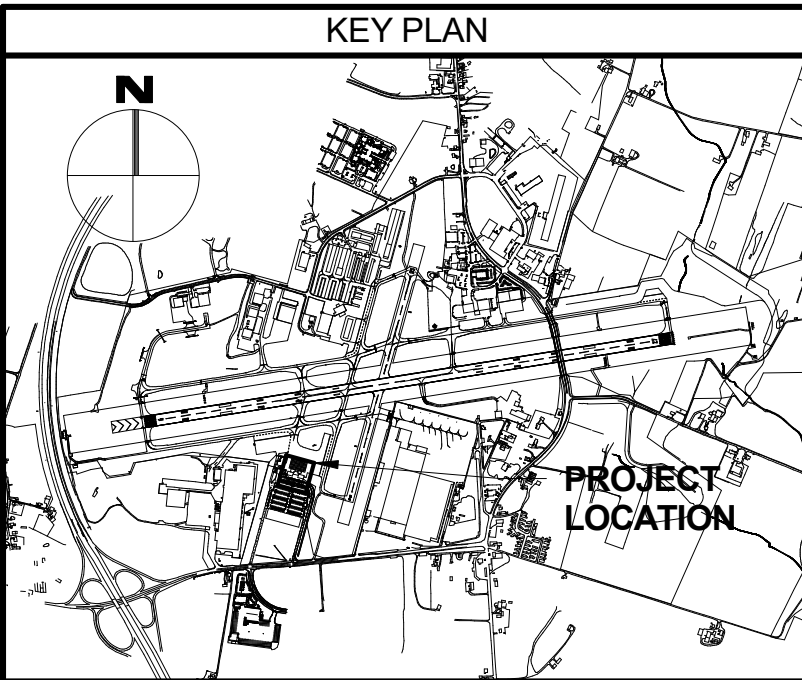
- ALL RECEPTACLES SHALL BE TAMPER RESISTANT UNLESS OTHERWISE NOTED.
- SECURITY CAMERAS BY OTHERS. COORDINATE WITH ARCHITECT PRIOR TO ROUGH IN. COORDINATE EXACT MODEL NUMBERS WITH HGR SECURITY TEAM.
- ALL VISUAL, AUDIO, AND AUDIOVISUAL DEVICES MUST BE SYNCHRONIZED.

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.



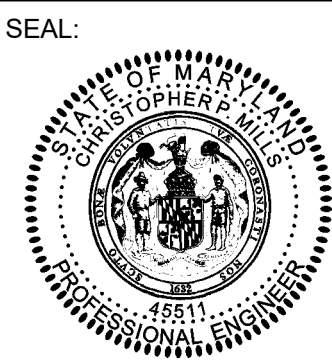
1 ENLARGED FIRST FLOOR PLAN - POWER & DATA
E3-1 1/8" = 1'-0"



CJL ENGINEERING
5285 Westview Drive
Suite 203
Frederick, MD 21703
P 301.695.9424

ADCI
AIRPORT DESIGN CONSULTANTS, INC.
6011 UNIVERSITY BLVD.
SUITE 490
ELLICOTT CITY, MD 21043
PHONE: 410-465-9600
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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. 45511
Expiration Date: 06/03/2026

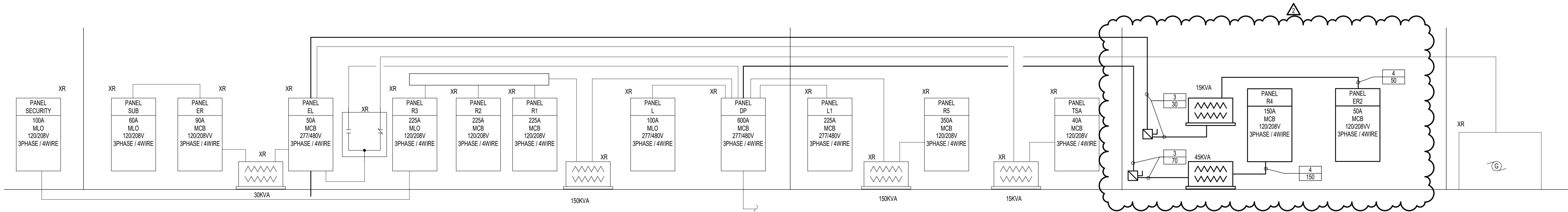
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DRAWN:	NAD	1	06-12-2025	ADDENDUM 2
CHECKED:	ALD	2	06-18-2025	ADDENDUM 4
APPROVED:	CPM			



**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

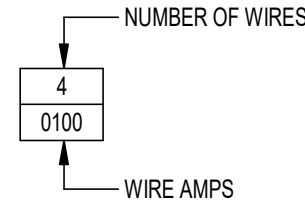
NOTE: THIS TABLE IS FOR FEEDERS AND BRANCH CIRCUITS. IT IS NOT TO BE USED FOR SERVICE ENTRANCE, MOTORS, OR TRANSFORMERS.

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 #1/0, 1 #6 GND - 1 1/4"C	3 #1/0, 1 #6 GND - 1 1/2"C	4 #1/0, 1 #6 GND - 2"C
175	2 #2/0, 1 #6 GND - 1 1/2"C	3 #2/0, 1 #6 GND - 2"C	4 #2/0, 1 #6 GND - 2"C
200	2 #3/0, 1 #6 GND - 1 1/2"C	3 #3/0, 1 #6 GND - 2"C	4 #3/0, 1 #6 GND - 2"C
225	2 #4/0, 1 #4 GND - 2"C	3 #4/0, 1 #4 GND - 2"C	4 #4/0, 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 #4/0, 1 #2 GND - 2"C	2 SETS EACH: 3 #4/0, 1 #2 GND - 2"C	2 SETS EACH: 4 #4/0, 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 #1/0 GND - 3"C	2 SETS EACH: 3-500 KCML, 1 #1/0 GND - 3"C	2 SETS EACH: 4-500 KCML, 1 #1/0 GND - 3 1/2"C
800	2 SETS EACH: 2-600 KCML, 1 #1/0 GND - 3"C	2 SETS EACH: 3-600 KCML, 1 #1/0 GND - 3 1/2"C	2 SETS EACH: 4-600 KCML, 1 #1/0 GND - 4"C
1000	3 SETS EACH: 2-500 KCML, 1 #2/0 GND - 3"C	3 SETS EACH: 3-500 KCML, 1 #2/0 GND - 3"C	3 SETS EACH: 4-500 KCML, 1 #2/0 GND - 3 1/2"C
1200	3 SETS EACH: 2-600 KCML, 1 #3/0 GND - 3"C	3 SETS EACH: 3-600 KCML, 1 #3/0 GND - 3 1/2"C	3 SETS EACH: 4-600 KCML, 1 #3/0 GND - 4"C
1600	4 SETS EACH: 2-600 KCML, 1 #4/0 GND - 3"C	4 SETS EACH: 3-600 KCML, 1 #4/0 GND - 3 1/2"C	4 SETS EACH: 4-600 KCML, 1 #4/0 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.

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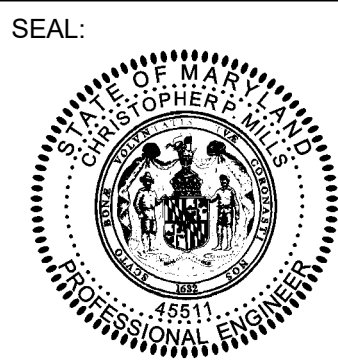


3
E6-1
BRANCH CIRCUIT & FEEDER SCHEDULE - COPPER CONDUCTORS
NO SCALE

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P 301.695.9424

ADCI
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6011 UNIVERSITY BLVD.
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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. 45511
Expiration Date: 06/03/2026

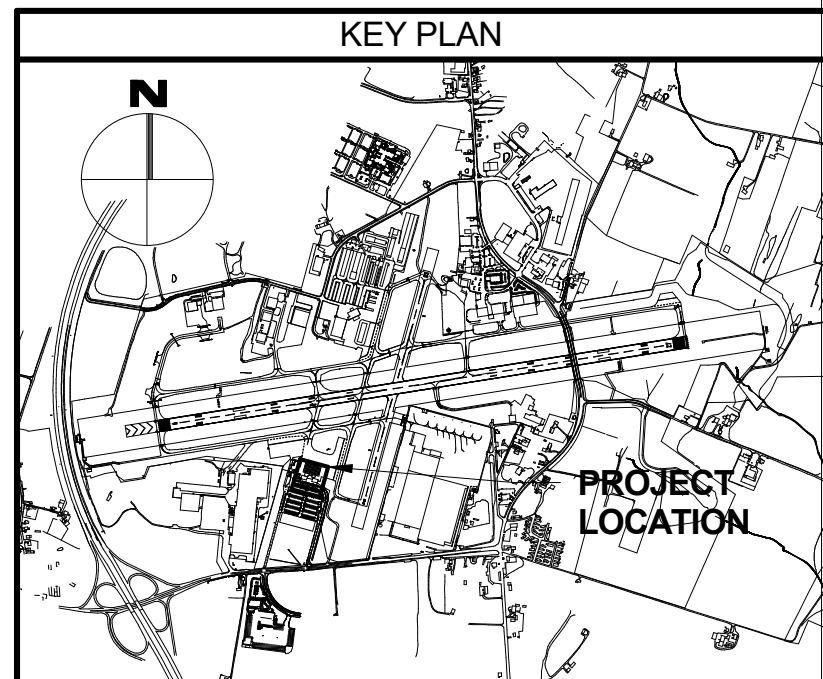
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CHECKED: ALD			
APPROVED: CPM			



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

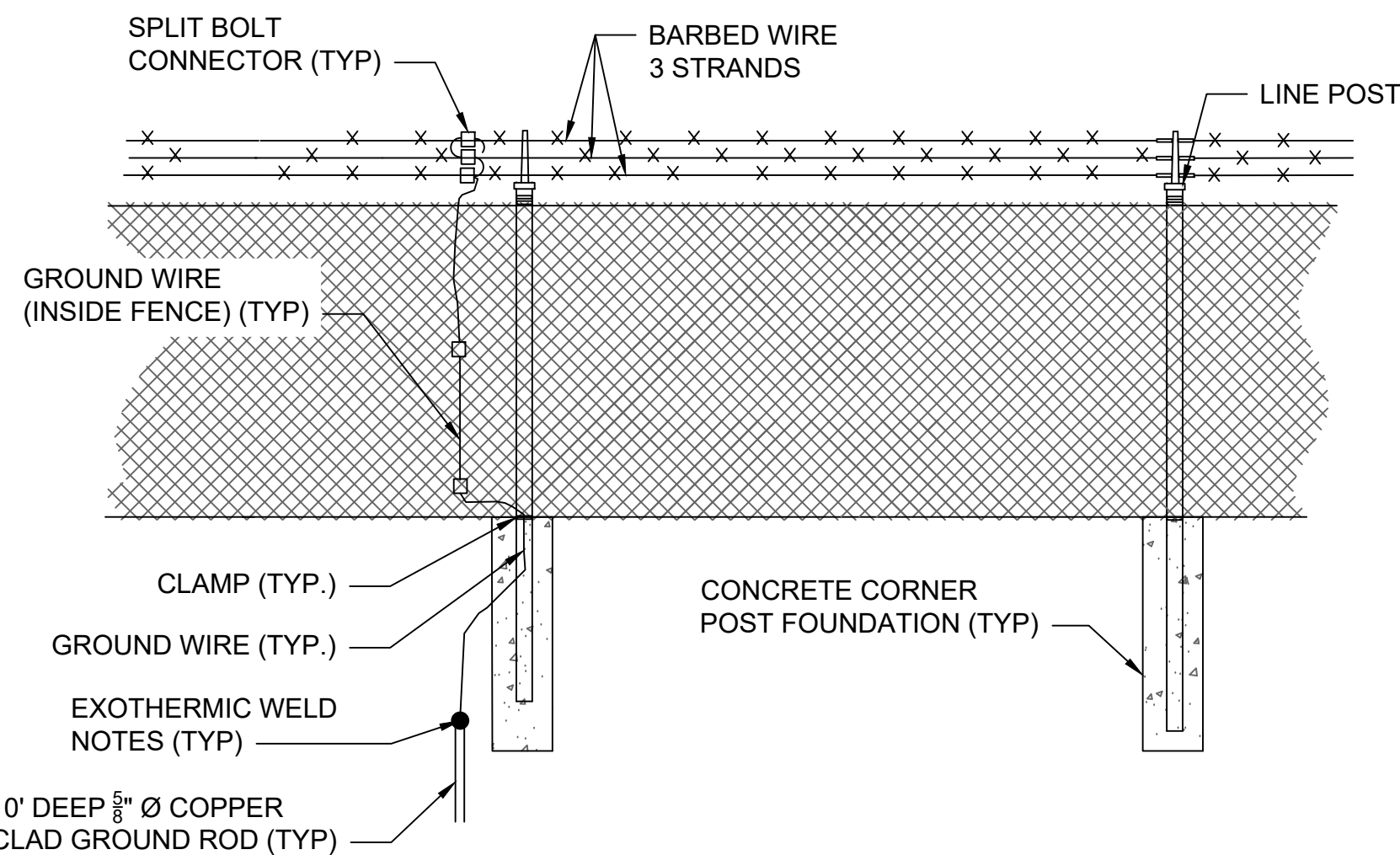
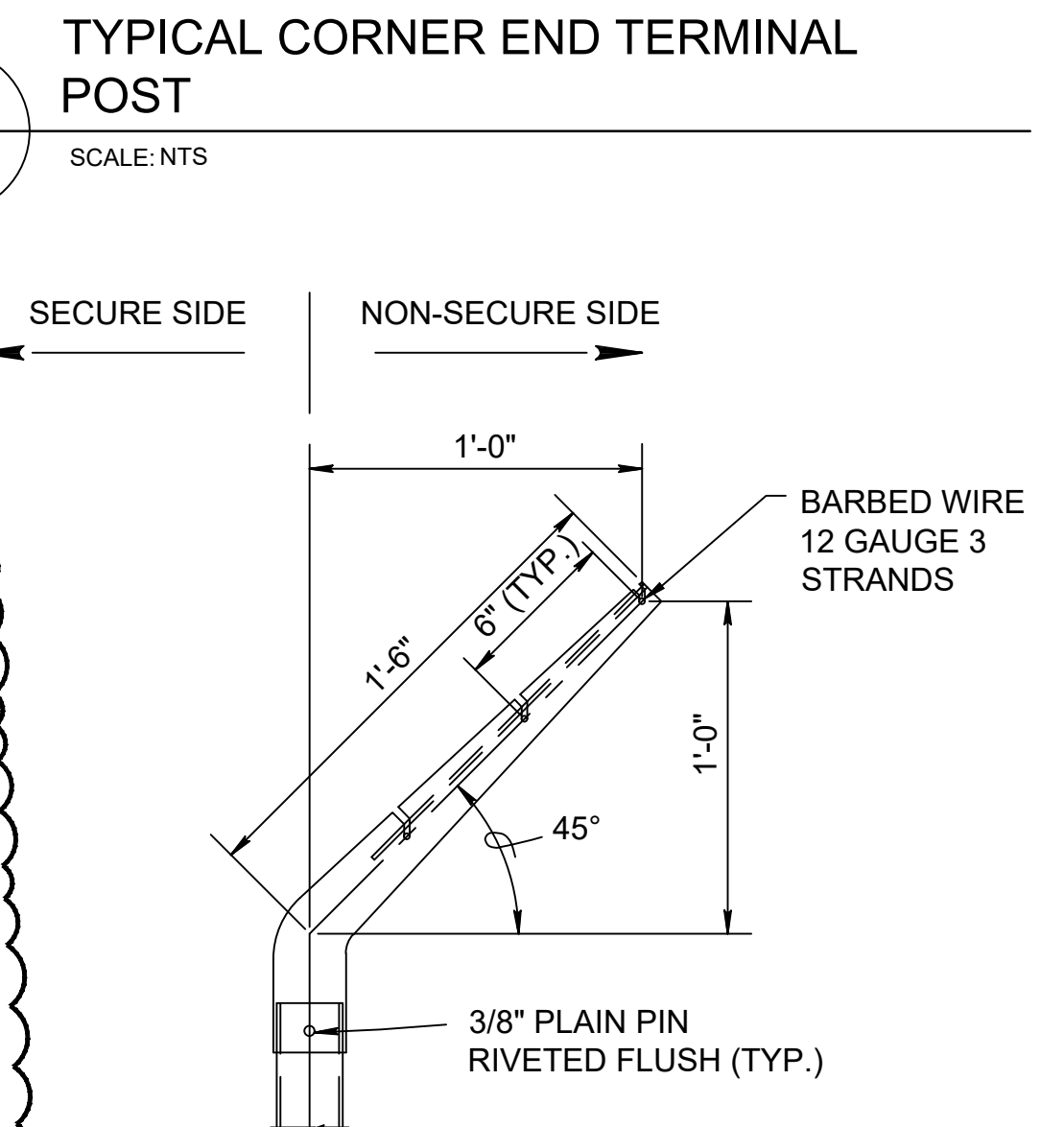
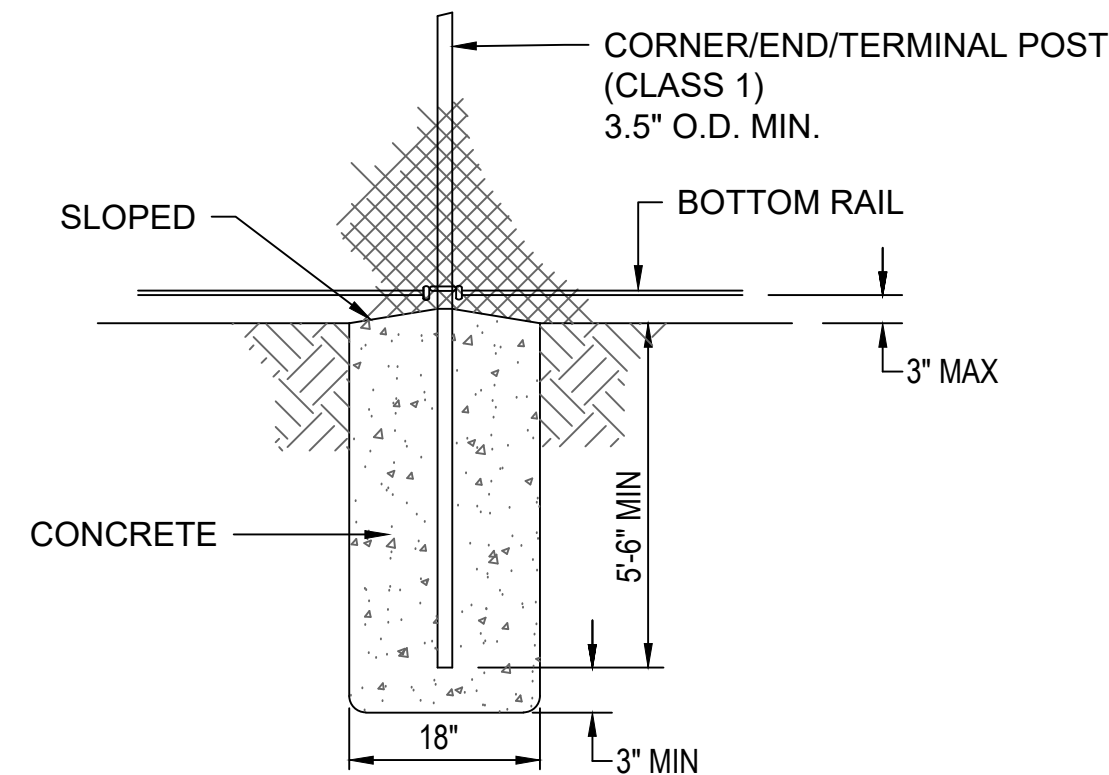
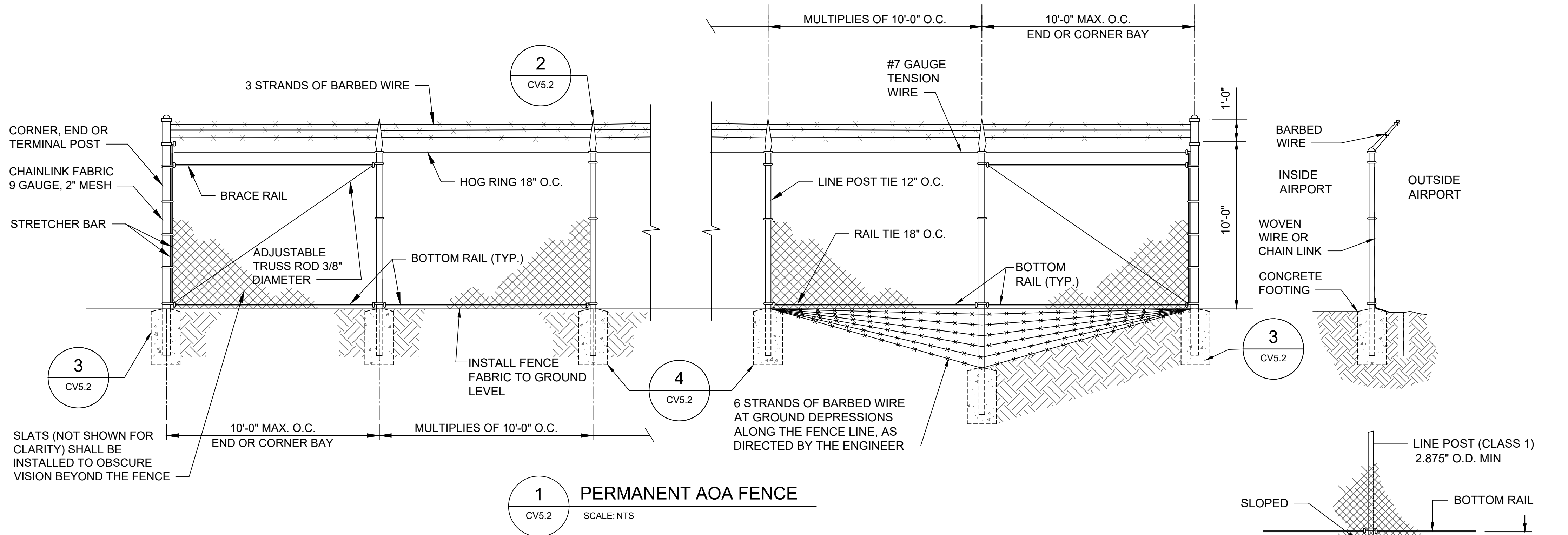
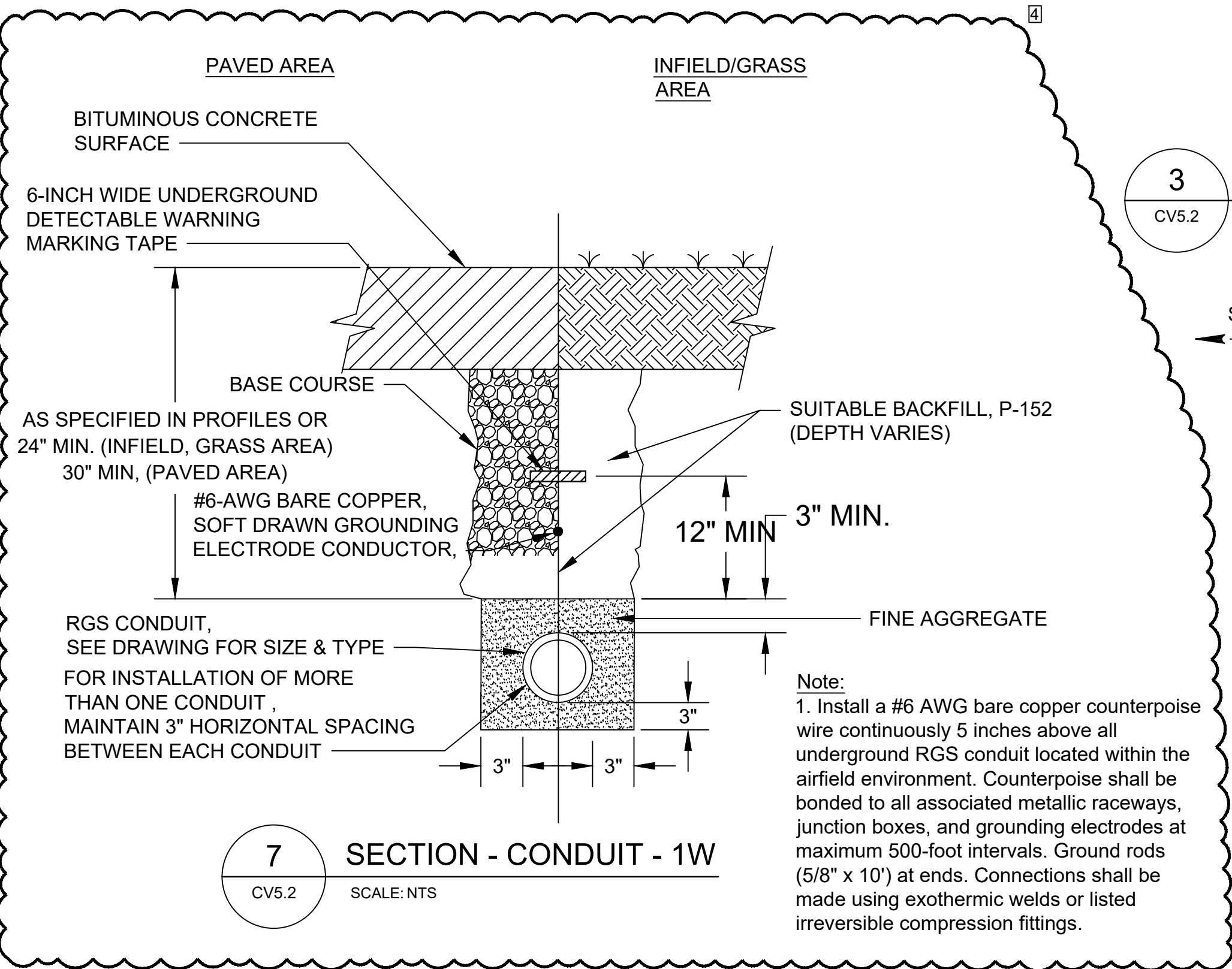
PROJECT TITLE:	
TERMINAL BUILDING EXPANSION	
SHEET TITLE:	
RISER DIAGRAMS	
SCALE:	DATE:
NO SCALE	MAY 2025

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



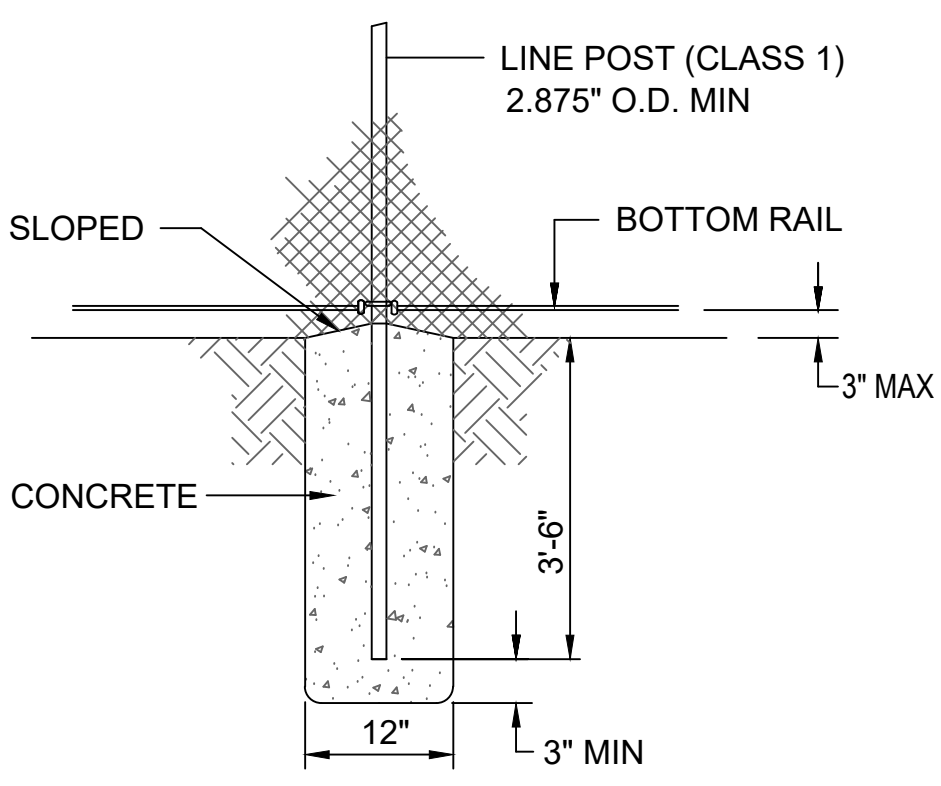
FENCE NOTES:

- 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).



GROUNDING NOTES:

- GROUND ALL END POSTS, CORNER POSTS, PULL POSTS, AND GATE POSTS AS SHOWN IN THE GROUNDING ROD DETAIL. PLACE GROUND RODS AT LEAST EVERY 500 FEET ALONG THE FENCE LINE.
- IMPEDANCE TO GROUND OF EACH GROUND ROD SHALL NOT EXCEED 25 OHMS PRIOR TO ESTABLISHING CONNECTION TO OTHER GROUND ROD ELECTRODES. THE FALL-OF-POTENTIAL GROUND IMPEDANCE TEST SHALL BE USED, S DESCRIBED IN THE ANSI/IEEE STANDARD 81 TO VERIFY THIS REQUIREMENT.
- ALL UNDERGROUND FENCE GROUNDING CONNECTIONS SHALL BE EXOTHERMIC. ALL ABOVE GROUND CONNECTIONS SHALL BE MECHANICAL.
- A GROUND ROD SHALL BE INSTALLED AT SPACING'S NO GREATER THAN 500 FEET, AND BONDED (MECHANICAL CLAMP) TO A FENCE POST WITH A #6 AWG SOLID COPPER CONDUCTOR.
- INSTALL A BONDING STRAP FROM ANY GATE TO THE ADJACENT POST USING MECHANICAL CONNECTIONS. THE BONDING STRAP SHALL BE A 1 INCH BY 1/8 INCH FLEXIBLE TINNED COPPER BOND STRAP AND SHALL NOT RESTRICT THE FULL MOTION OF THE GATE.
- CLAMP #6 AWG SOLID BARE COPPER CONDUCTOR FROM THE POSTS AT EACH SIDE OF THE GATE TO GROUND RODS INSTALLED AT EACH SIDE OF THE GATE. CONNECT THE CONDUCTOR TO THE GATEPOSTS AT A HEIGHT NO GREATER THAN ONE FOOT ABOVE GRADE.



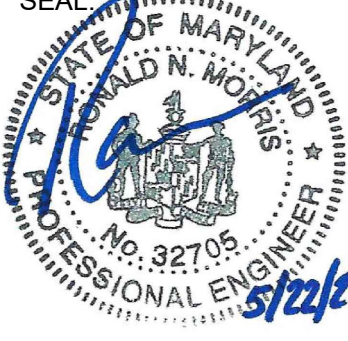
SIGNS SHALL BE STORED AND PLACED ON PROPOSED FENCE (NEXT TO PROPOSED GATE) IN SAME LOCATIONS AS EXISTING (TYP)



CONSULTANT:



SEAL:



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. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED: B.J.D.

DRAWN: J.A.A.

CHECKED: V.J.D.

APPROVED: R.N.M.

NO.	DATE	DESCRIPTION
3	06/13/2025	ADDENDUM 3
4	06/19/2025	ADDENDUM 4



HAGERSTOWN REGIONAL AIRPORT
Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

SITE DETAILS 2

SCALE:

N.A.

DATE:

MAY 2025

FAA ATP No.:3-24-0019-XX-2025

Bid No.: PUR-1751

MAA Grant No.: MAA-GR-XX-XXX

SUBMISSION:

BID SET

SHEET No.:

CV5.2

26 OF 102

SGP-25-XXX
CIVIL SHEET 8 of 8

FILE NAME: C:\HGR\Projects\2024-HGR-1305 Terminal East Expansion\CAD\Sheets\0018_CV1.0_COVER SHEET, GENERAL CONSTRUCTION AND SAFETY NOTES.dwg PLOTTED: Tuesday, June 17, 2025 - 10:54pm USER: VdcCario

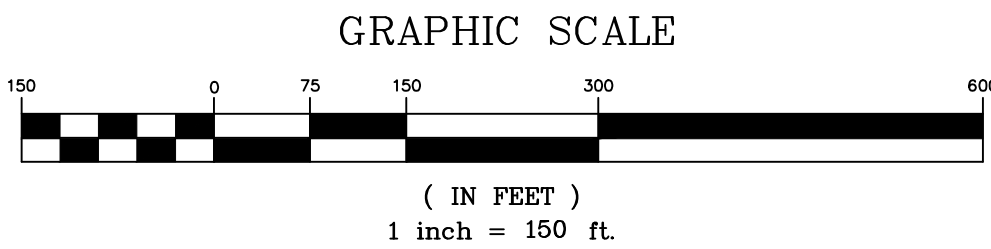
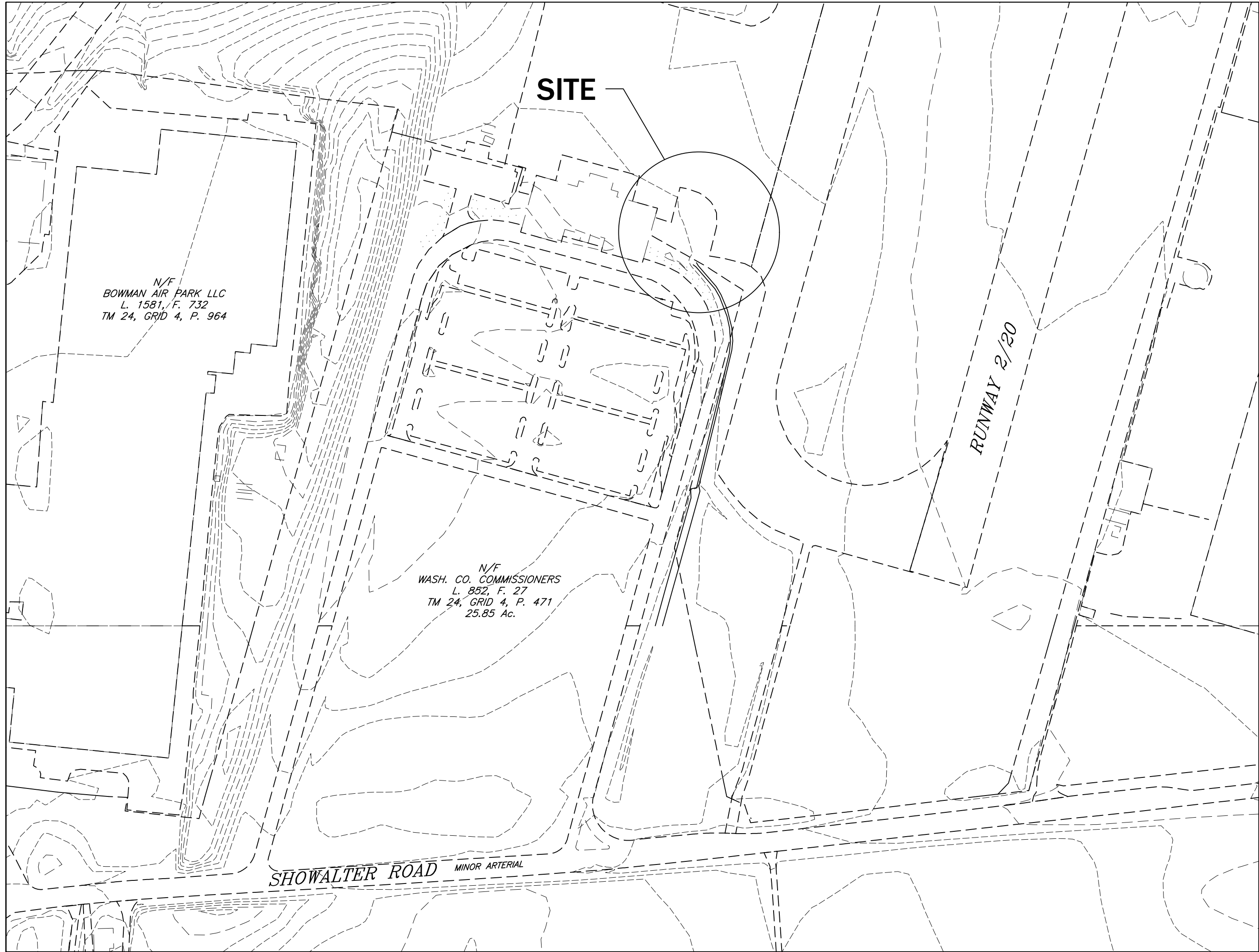
GENERAL NOTES

- NO SUBSURFACE INVESTIGATION HAS BEEN PERFORMED BY ADCI TO DETERMINE THE EXISTENCE OR LOCATION OF GROUND WATER, ROCK, OR OTHER NATURAL OR MAN-MADE FEATURES EXCEPT AS SPECIFICALLY INDICATED. NO ENVIRONMENTAL STUDIES HAVE BEEN CONDUCTED BY OUR FIRM.
- EXISTING UTILITY INFORMATION SHOWN HEREON IS FROM DRAWINGS AND/OR OTHER SOURCES PROVIDED BY OWNERS OF THE VARIOUS UTILITIES EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT (1-800-257-7777) A MINIMUM OF 48 HOURS BEFORE BEGINNING ANY WORK SHOWN ON THESE DRAWINGS. ANY DAMAGE TO UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE UTILITY OWNER. HAND DIT EXCAVATION SHALL BE PROVIDED AS NEEDED BY CONTRACTOR TO LOCATE EXISTING UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL NOTIFY THE APPLICABLE MUNICIPAL, COUNTY AND/OR STATE AUTHORITIES AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK WITHIN PUBLIC RIGHT (S) OF WAY.
- THE CONTRACTOR SHALL VERIFY ALL SURFACE AND SUBSURFACE CONDITIONS (LOCATIONS AND ELEVATIONS) PRIOR TO BIDDING AND START OF CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER BEFORE PROCEEDING IF THEY AFFECT THE DESIGN FEASIBILITY OF THIS PROJECT. ANY DAMAGE TO FACILITIES, STRUCTURES, PAVEMENT OR OTHER MAN-MADE ITEMS, ON OR ADJACENT TO THE SITE OR NOT SPECIFICALLY INDICATED FOR THE DEMOLITION SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR COMPLYING WITH ALL APPLICABLE LEGAL AND REGULATORY REQUIREMENTS. CONTRACTOR SHALL OBTAIN ANY BONDS REQUIRED BY COUNTY/STATE FOR WORK WITHIN COUNTY/STATE RIGHT-OF-WAYS.
- TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT ARE UNFORESEEN DURING THE DESIGN STAGE OR THAT ARE NEEDED TO TEMPORARILY CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PRACTICES.
- ADCI WILL NOT BE RESPONSIBLE FOR ANYTHING TO DO WITH CONSTRUCTION UNLESS CONTRACTED BY THE OWNER OR CONTRACTOR TO PERFORM A SPECIFIC SERVICE.
- JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING UTILITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BEFORE BEGINNING CONSTRUCTION.
- NO TITLE REPORT HAS BEEN CONDUCTED BY THIS COMPANY OR FURNISHED TO US BY OTHERS. PROPERTY LINE INFORMATION HAS BEEN TAKEN FROM DEED (S) OF RECORD AND NOT FIELD VERIFIED.
- SITE CONTRACTOR MAY HAVE TO MODIFY FINISH GRADES SHOWN NEXT TO BUILDINGS DUE TO TYPE OF WALL CONSTRUCTION PROVIDED. GENERALLY A MINIMUM FINISH GRADE 6 INCHES BELOW FINISH FLOOR FOR MASONRY CONSTRUCTION AND 12 INCHES BELOW FINISH FLOOR FOR WOOD/SIDING CONSTRUCTION SHOULD BE MAINTAINED. CONTRACTOR MUST PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM ALL UNITS.
- ALL GRADING FOR THIS PROJECT SHALL BE THE FULL RESPONSIBILITY OF THE PROPERTY OWNER.
- ALL PROPOSED STORM DRAIN PIPES MUST BE PLACED ON 95% COMPACTED FILL ACCORDING TO AASHTO T180A STANDARDS.
- PARKING AND DRIVE AISLES SHALL BE MAINTAINED BY PROPERTY OWNER.
- NO PERMANENT STRUCTURES (E.G. FENCES, SHEDS, PLAY EQUIPMENT, RETAINING WALLS) SHALL BE PERMITTED WITHIN ANY STORMWATER OR STORM DRAINAGE EASEMENT ON THIS PROPERTY.
- THERE IS NO 100 YEAR FLOODPLAIN ON THIS SUBJECT PROJECT AREA AS SHOWN ON FEMA PANEL No. 2400701280 EFFECTIVE DATE AUGUST 15, 2017.
- THERE ARE NO KNOWN HABITATS OF THREATENED OR ENDANGERED SPECIES IDENTIFIED BY THE U.S. FISH AND WILDLIFE SERVICE PER 50 CFR AS REQUIRED TO BE SHOWN BY SECTION 314 OF THE SUBDIVISION ORDINANCE AND SECTION 4.21 OF THE ZONING ORDINANCE.
- THERE ARE NO AREAS OF STEEP SLOPES AS DEFINED BY THE WASHINGTON COUNTY SOIL CONSERVATION DISTRICT PER ARTICLE 28.631 ON THE LANDS SHOWN HEREON. THERE ARE NO WETLANDS ON THIS SITE PER MAPPING BY THE U.S. DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE.
- A COMPLETE SET OF APPROVED PLANS AND A COPY OF THE THE GRADING PERMIT MUST BE ON SITE AND AVAILABLE FOR USE BY THE INSPECTOR, OR OTHER REPRESENTATIVES OF WASHINGTON COUNTY PUBLIC WORKS.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD FOR ALL PROJECTS REGARDLESS OF THE AMOUNT OF DISTURBANCE. CONTACT THE WASHINGTON COUNTY DIVISION OF PUBLIC WORKS - ENGINEERING & CONSTRUCTION AT 240-313-2400 FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION.
- THERE ARE NO KNOWN FOREST CONSERVATION AREAS OR WETLANDS WITHIN 200 FT. OF THE PROPOSED CONSTRUCTION AREA.

SITE PLAN

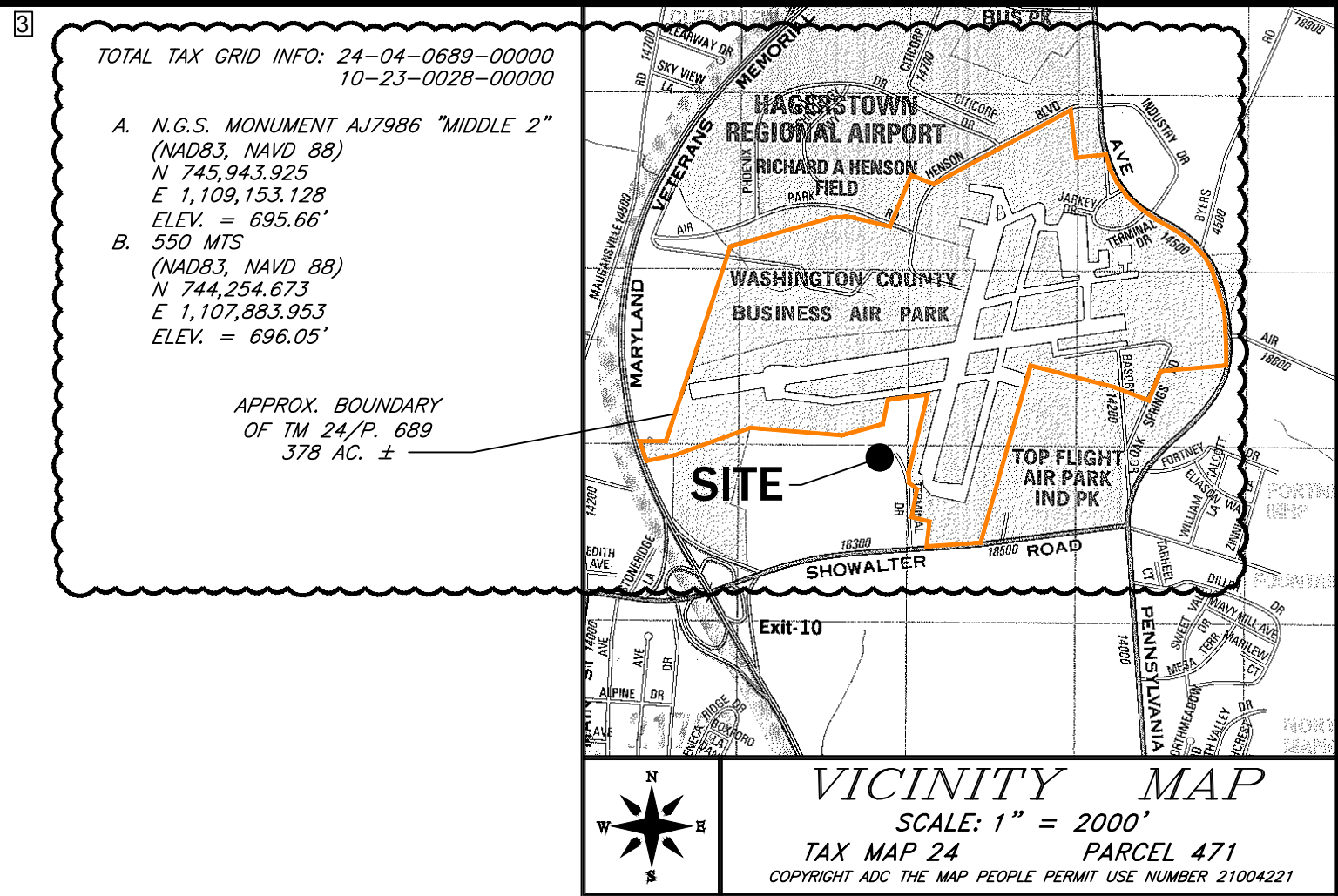
HAGERSTOWN REGIONAL AIRPORT
TERMINAL EXPANSION

SITUATE AT 18434 SHOWALTER ROAD, HAGERSTOWN, MD 21742
ELECTION DISTRICT 13
WASHINGTON COUNTY, MARYLAND



OWNER / DEVELOPER
WASHINGTON COUNTY COMMISSIONERS
100 WEST WASHINGTON STREET
HAGERSTOWN, MD 21740
240-313-2200

Attachment C



AGENCY & UTILITY CONTACTS

COUNTY D.P.W. - ENGINEERING AND CONSTRUCTION (240) 313-2400
CITY UTILITIES DEPT., WATER & SEWER DIVISION ED NORMAN (301) 739-8577 X 653
POTOMAC EDISON RICK USARY (301) 582-5271
WASH. CO. SCD DENISE PRICE (301) 797-0821 X 3
ANTIETAM CABLE KEN BUCKLER (301) 797-1835
VERIZON JULIE LUDWIG (301) 790-7135
COLUMBIA GAS VONDA GRIFFIN (800) 440-6111

UTILITY NOTIFICATION:

THE SOIL CONSERVATION DISTRICT MAKES NO REPRESENTATION AS TO THE EXISTENCE OR NONEXISTENCE OF ANY UTILITIES AT THE CONSTRUCTION SITE SHOWN ON THESE CONSTRUCTION DRAWINGS ARE THOSE UTILITIES WHICH HAVE BEEN IDENTIFIED. IT IS THE RESPONSIBILITY OF THE LANDOWNERS OR OPERATORS AND CONTRACTORS TO ASSURE THEMSELVES THAT NO HAZARD EXISTS OR DAMAGE WILL OCCUR TO UTILITIES. IT IS REQUIRED BY LAW THAT MISS UTILITY BE CONTACTED AT: PHONE No. 1-800-257-7777.

DISTURBED AREA QUANTITIES

THE TOTAL AREA TO BE DISTURBED SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY 25,888 SF OR 0.59 ACRES AND THE TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO BE APPROXIMATELY 260 C.Y. OF EXCAVATION AND 10 C.Y. OF FILL.

* THESE QUANTITIES ARE APPROXIMATE AND SHALL NOT BE USED BY THE CONTRACTOR FOR BIDDING PURPOSES.

ENGINEER 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.

DATE 32705
REG. NO. EXPIRES 02/21/2026

ENGINEER/ARCHITECT DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01.07, MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

DATE 32705
REG. NO. RONALD N. MORRIS

OWNER/DEVELOPERS CERTIFICATION FOR CO. DPW

I/WE CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND IN ACCORDANCE WITH THE STORMWATER MANAGEMENT ORDINANCE OF WASHINGTON COUNTY AND THE POLICY ON CONSTRUCTION OF SUBDIVISION INFRASTRUCTURE FOR ACCEPTANCE AND OWNERSHIP BY WASHINGTON COUNTY (S-3)

DATE NAME SIGNATURE
NEIL DORAN, AIRPORT DIRECTOR

OWNER/DEVELOPER CERTIFICATION - SCD

I/WE CERTIFY ALL/MY PARTIES RESPONSIBLE FOR CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL, BE DONE PURSUANT TO THIS PLAN AND RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENT.

DATE NAME SIGNATURE
NEIL DORAN, AIRPORT DIRECTOR

WASHINGTON COUNTY SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL PLAN APPROVAL

BY: _____

DATE: _____
(PLAN IS VALID FOR TWO YEARS FROM DATE OF APPROVAL)

SGP-25-XXX
CIVIL SHEET 1 of 8

INDEX OF SHEETS

COVER SHEET, GENERAL CONSTRUCTION AND SAFETY NOTES	1
EXISTING CONDITIONS PLAN/DEMOLITION PLAN	2
FINAL CONDITIONS PLAN	3
SITE PLAN	4
GRADING/SEDIMENT CONTROL PLAN, BORING PLAN and BORING LOG	5
DRAINAGE and EROSION/SEDIMENT CONTROL NOTES and DETAILS	6
SITE DETAILS 1	7
SITE DETAILS 2	8

CONSULTANT:



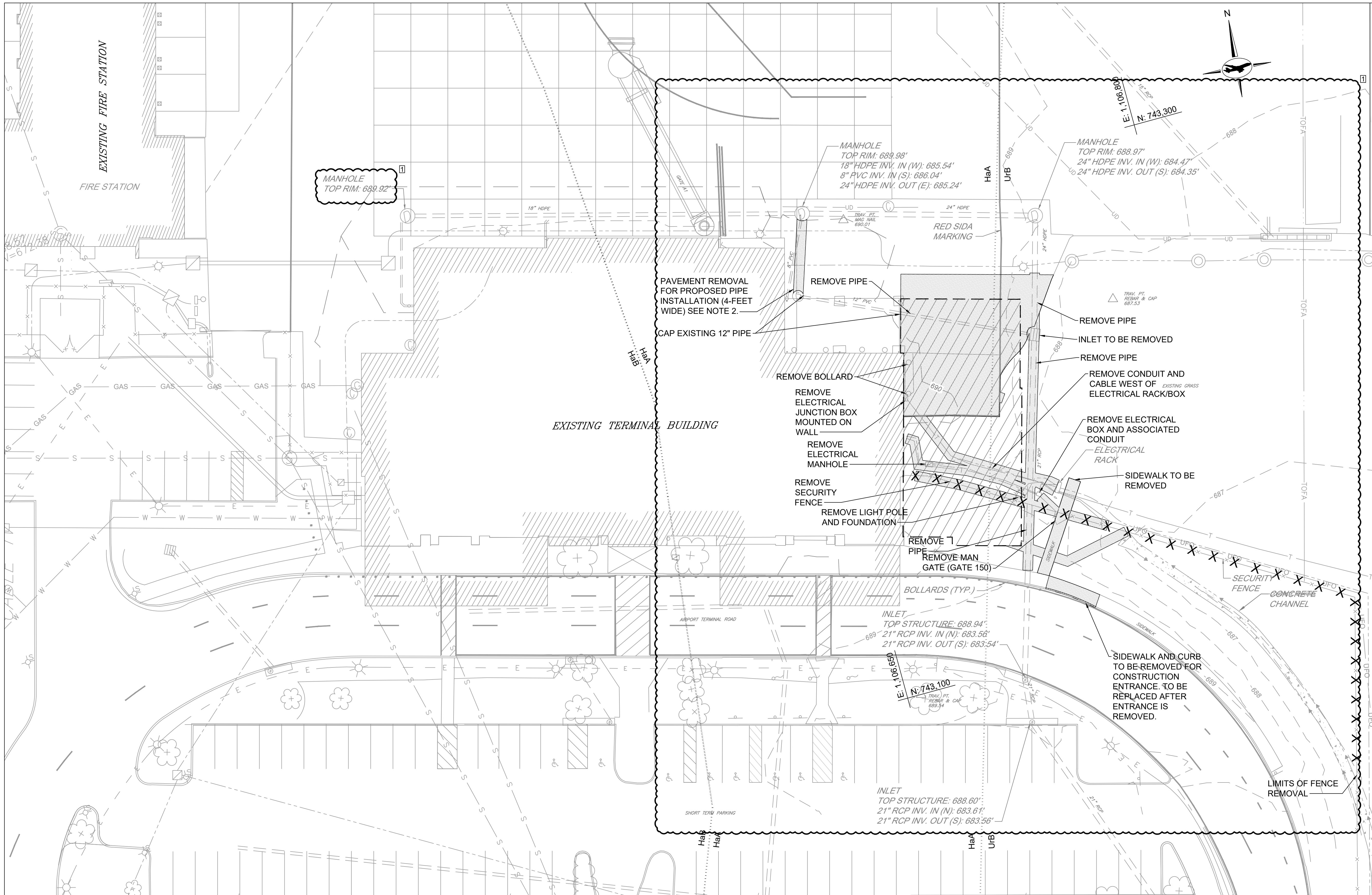
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LICENSE NO. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED: B.J.D.	NO.	DATE	DESCRIPTION
DRAWN: J.A.A.	3	06/13/2025	ADDENDUM 3
CHECKED: V.J.D.			
APPROVED: R.N.M.			



HAGERSTOWN
REGIONAL AIRPORT
Washington County, MD

PROJECT TITLE: TERMINAL BUILDING EXPANSION	FAA ATP No.:3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX SUBMISSION: BID SET
SHEET TITLE: COVER SHEET, GENERAL CONSTRUCTION AND SAFETY NOTES	SHEET No.: CV1.0 19 OF 102
SCALE: N.A.	DATE: MAY 2025



NOTES:

1. REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.
2. THIS WORK MUST BE COMPLETED WITHIN A DAY THERE IS NO SCHEDULED SERVICE OPERATIONS AT THE AIRPORT.

EXISTING LEGEND:

- ⊙ LIGHT POLE
- ⊙ TAXIWAY EDGE LIGHT
- ⊙ ELECTRICAL HANDHOLE
- ⊙ DRAINAGE MANHOLE
- ⊙ INLET
- ⊙ CLEANOUT
- ⊙ SANITARY SEWER MANHOLE
- BOLLARD
- == STORM DRAIN
- E — ELECTRICAL
- T — TELEPHONE LINE
- UFO — UNDERGROUND FIBER OPTIC
- UD — UNDERDRAIN
- X — FENCE LINE
- SHRUBS
- TOFA — TAXIWAY OBJECT FREE AREA
- SOILS BOUNDARY
- 670 — EXISTING MAJOR CONTOUR
- — EXISTING MINOR CONTOUR

PROPOSED LEGEND:

- ▨ PROPOSED STRUCTURE
- ▨ EXISTING IMPERVIOUS COVER TO BE REMOVED



SOIL DESCRIPTIONS:

- | | | |
|-----|-------------------------------|-----------------------|
| HaA | HAGERSTOWN SILT LOAM | 0 TO 3 PERCENT SLOPES |
| HaB | HAGERSTOWN SILT LOAM | 3 TO 8 PERCENT SLOPES |
| UrB | URBAN LAND-HAGERSTOWN COMPLEX | 0 TO 8 PERCENT SLOPES |

CONSULTANT:



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. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED:	B.J.D.	NO.	DATE	DESCRIPTION
		1	06/06/2025	ADDENDUM 1
		3	06/13/2025	ADDENDUM 3
DRAWN:	J.A.A.			
CHECKED:	V.J.D.			
APPROVED:	R.N.M.			



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE:

1" = 20'

DATE:

MAY 2025

FAA ATP No.: 3-24-0019-XX-2025

Bid No.: PUR-1751

MAA Grant No.: MAA-GR-XX-XXX

SUBMISSION:

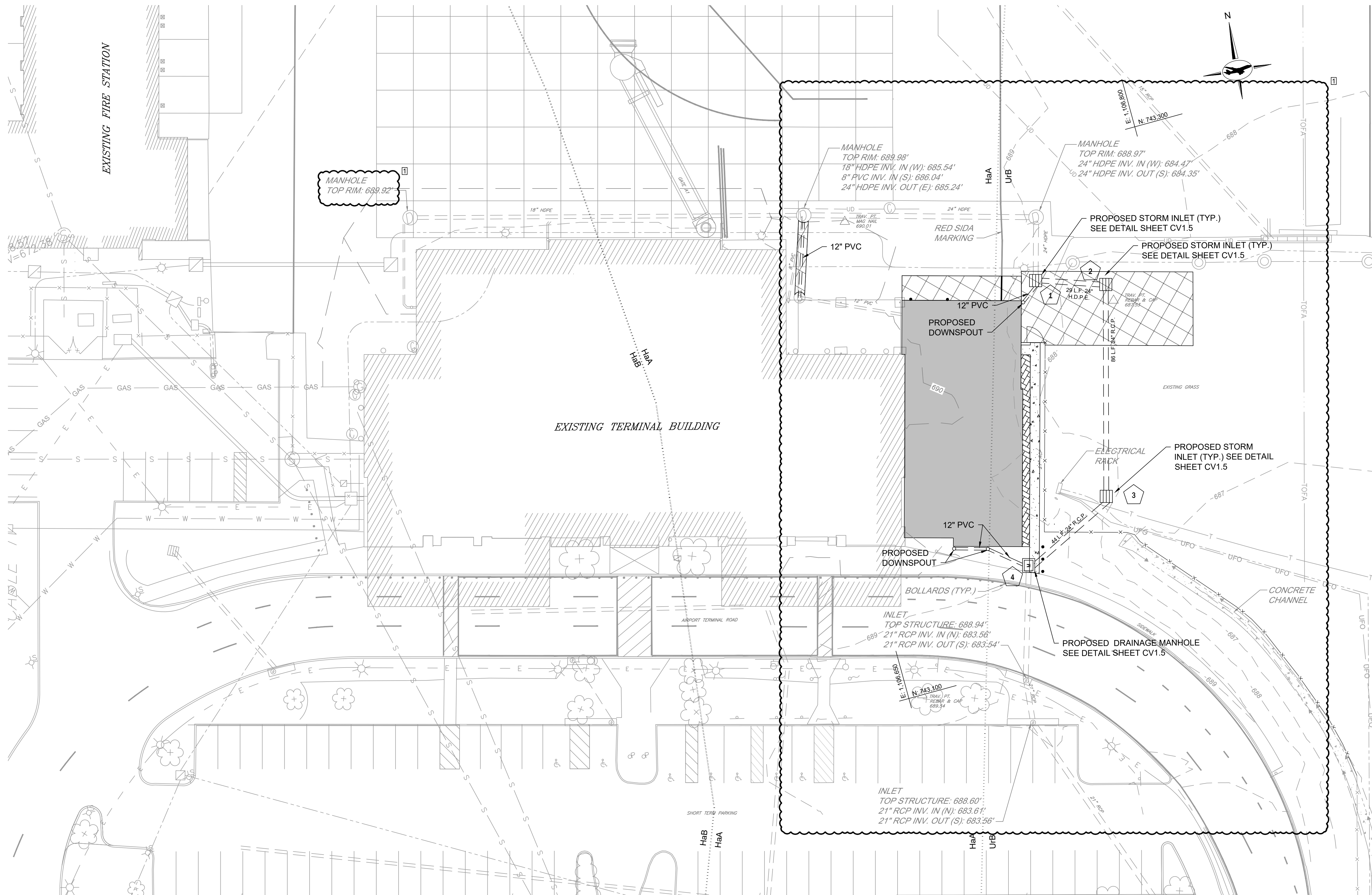
BID SET

SHEET No.:

CV1.1

20 OF 102

SGP-25-XXX
CIVIL SHEET 2 of 8



- NOTES:**
- REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.
- EXISTING LEGEND:**
- LIGHT POLE
 - TAXIWAY EDGE LIGHT
 - ELECTRICAL HANDHOLE
 - DRAINAGE MANHOLE
 - INLET
 - CLEANOUT
 - SANITARY SEWER MANHOLE
 - BOLLARD
 - STORM DRAIN
 - ELECTRICAL
 - TELEPHONE LINE
 - UNDERGROUND FIBER OPTIC
 - UNDERDRAIN
 - EXISTING FENCE LINE
 - SHRUBS
 - TAXIWAY OBJECT FREE AREA
 - SOILS BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
- PROPOSED LEGEND:**
- BUILDING EXPANSION
 - PROPOSED BITUMINOUS CONCRETE PAVEMENT REFER TO TYPICAL BITUMINOUS SECTION SHEET CV5.1
 - SIDEWALK
 - STORM DRAIN
 - INLET
 - PROPOSED STORM DRAIN STRUCTURE REFER TO DETAIL SHEET CV1.5
 - PROPOSED DRAINAGE MANHOLE
 - PROPOSED FENCE LINE



SOIL DESCRIPTIONS:		
HaA	HAGERSTOWN SILT LOAM	0 TO 3 PERCENT SLOPES
HaB	HAGERSTOWN SILT LOAM	3 TO 8 PERCENT SLOPES
UrB	URBAN LAND-HAGERSTOWN COMPLEX	0 TO 8 PERCENT SLOPES

SGP-25-XXX
CIVIL SHEET 3 of 8

<div>CONSULTANT:</div> <div><div>AIRPORT DESIGN CONSULTANTS 6011 UNIVERSITY BLVD, SUITE 490 ELLICOTT CITY, MD 21043 TEL: 410.465.9600 FAX: 410.465.9602</div></div>		<div>SEAL:</div> <div></div>	<div>PROFESSIONAL CERTIFICATION:</div> <div>"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"</div> <div>LICENSE NO. 32705</div> <div>EXPIRATION DATE: 2/21/2026</div>	<div>DESIGNED: B. J. D.</div> <div>DRAWN: J. A. A.</div> <div>CHECKED: V. J. D.</div> <div>APPROVED: R. N. M.</div>	<table><thead><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>06/06/2025</td><td>ADDENDUM 1</td></tr><tr><td>3</td><td>06/13/2025</td><td>ADDENDUM 3</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> 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SITE DATA

TAX MAP/PARCEL	24 / 471
ELECTION DISTRICT	13
ZONING	AP, AIRPORT DISTRICT
WATERSHED	CONOCOCHEAQUE CREEK (02140504)
PARCEL ACREAGE	25.85 AC. PER SDAT
FUNCTIONAL DESCRIPTION	EXIST. AIRPORT TERMINAL
MINIMUM BUILDING SETBACK LINES (MBSL)	
FRONT	50' FROM SHOWALTER ROAD
SIDE	75'
REAR	75'
EXISTING TERMINAL BUILDING AREA	23,910 S.F.
PROPOSED BUILDING ADDITION	4,800 S.F.
NET INCREASE IN IMPERVIOUS COVER	4,836 S.F.
PROPOSED BUILDING HEIGHT	NO CHANGE
No. of EMPLOYEES	NO CHANGE
HOURS OF OPERATION	NO CHANGE
SITE USERS TRANSPORTATION	AUTOMOBILE
ON SITE PARKING/PAVEMENT/LANDSCAPE MAINTENANCE	BY OWNER (COUNTY)
PARKING REQUIRED	NO CHANGE
PARKING PROVIDED	NO CHANGE
PARKING LANDSCAPE REQUIREMENT	NO CHANGE
PARKING LANDSCAPE AREAS PROVIDED	NO CHANGE
HANDICAP PARKING REQUIRED & PROVIDED	5
FREIGHT & DELIVERIES	NO CHANGE
WATER	CITY OF HAGERSTOWN
SEWER	WASHINGTON COUNTY DEPT. OF WATER QUALITY
SOLID WASTE STORAGE & DISPOSAL	EX. DUMPSTER PAD
PROJECTED EMISSIONS	NONE
EXISTING WATER ALLOCATION	18,831 GPD
EXISTING WATER USAGE	1,081 GPD
PROPOSED ADDITIONAL ALLOCATION	0 GPD

CITY OF HAGERSTOWN UTILITIES DEPARTMENT – WATER & WASTEWATER DIVISIONS

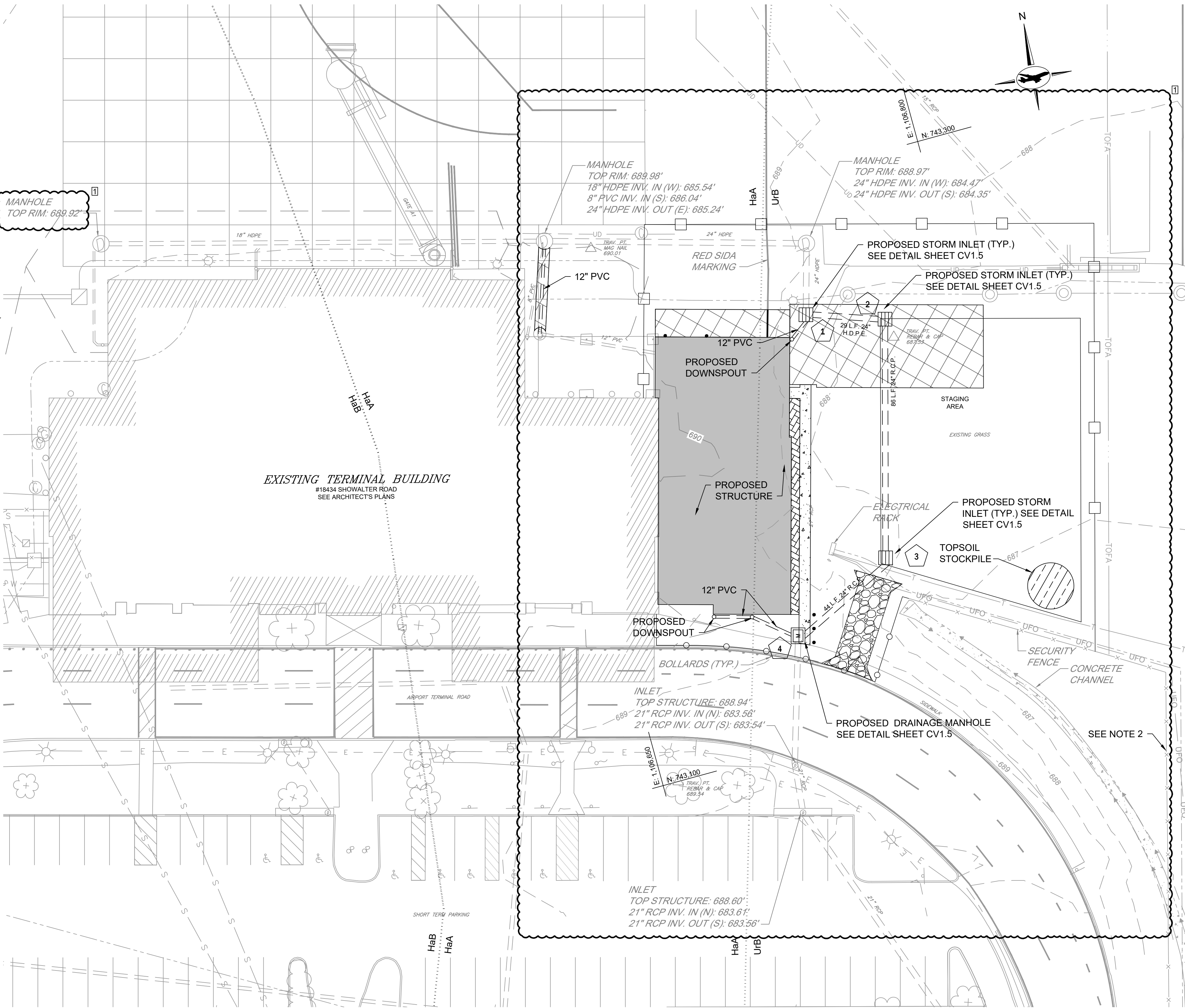
THIS APPROVAL IS FOR THE DESIGN AND LAYOUT OF THE PROPOSED WATER AND WASTEWATER SYSTEM IMPROVEMENTS. ALL WATER AND WASTEWATER SYSTEM IMPROVEMENTS SHALL BE CONSTRUCTED TO THE STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION. THIS APPROVAL DOES NOT GUARANTEE AVAILABILITY OF WATER OR WASTEWATER SERVICE. WATER AND WASTEWATER SERVICE IS AVAILABLE SUBJECT TO CONFORMANCE WITH ALL POLICIES AND STANDARDS IN EFFECT AT THE TIME OF APPLICATION FOR SERVICE. PAYMENT OF FEES AND APPROVAL OF THE WATER AND/OR WASTEWATER SERVICE APPLICATION. THE WATER DIVISION DOES NOT GUARANTEE A SPECIFIC WATER PRESSURE OR FLOW AT ANY METER OR FIRE HYDRANT. THIS APPROVAL IS VALID FOR A PERIOD OF ONE YEAR.

(SIGNATURE) (DATE)

WASHINGTON COUNTY DEPARTMENT OF WATER QUALITY

THIS APPROVAL IS FOR GENERAL CONFORMANCE WITH THE COUNTY'S REQUIREMENTS FOR DESIGN AND LAYOUT OF PROPOSED SEWER AND/OR WATER SYSTEM IMPROVEMENTS OR EXTENSIONS. ALL SEWER AND/OR WATER SYSTEM IMPROVEMENTS OR EXTENSIONS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE COUNTY'S LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SANITARY SEWERS AND/OR WATER LINES. THIS APPROVAL DOES NOT GUARANTEE AVAILABILITY OF SEWER AND/OR WATER SERVICE. SEWER AND/OR WATER SERVICE AVAILABILITY IS SUBJECT TO CONFORMANCE WITH ALL RULES, POLICIES, AND REGULATIONS ESTABLISHED BY THE COUNTY AND IN EFFECT AT THE TIME APPLICATION FOR SERVICE IS MADE, AND/OR THE AVAILABILITY OF ALLOCATION REMAINING IN OTHER JURISDICTIONS' FACILITIES THAT MAY BE GRANTED TO THE COUNTY. THIS APPROVAL SHALL BE VALID FOR A PERIOD OF TWO YEARS.

BY: DATE:



SOIL DESCRIPTIONS:		
HaA	HAGERSTOWN SILT LOAM	0 TO 3 PERCENT SLOPES
HaB	HAGERSTOWN SILT LOAM	3 TO 8 PERCENT SLOPES
UrB	URBAN LAND-HAGERSTOWN COMPLEX	0 TO 8 PERCENT SLOPES

- NOTES:
- REFER TO CIVIL PHASING SERIES FOR PHASING AND GENERAL PROJECT LAYOUT PLANS.
 - EXISTING SECURITY FENCE TO BE DEMOLISHED AFTER NEW PERMANENT SECURITY FENCE IS INSTALLED.

- EXISTING LEGEND:
- LIGHT POLE
 - TAXIWAY EDGE LIGHT
 - ELECTRICAL HANDHOLE
 - DRAINAGE MANHOLE
 - INLET
 - CLEANOUT
 - SANITARY SEWER MANHOLE
 - BOLLARD
 - STORM DRAIN
 - ELECTRICAL
 - TELEPHONE LINE
 - UNDERGROUND FIBER OPTIC
 - UNDERDRAIN
 - EXISTING FENCE LINE
 - SHRUBS
 - TAXIWAY OBJECT FREE AREA
 - SOILS BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR

- PROPOSED LEGEND:
- BUILDING EXPANSION
 - PROPOSED BITUMINOUS CONCRETE PAVEMENT REFER TO TYPICAL BITUMINOUS SECTION SHEET CV5.1
 - CONSTRUCTION ENTRANCE
 - TOPSOIL STOCKPILE
 - STAGING AREA
 - SIDEWALK
 - STORM DRAIN
 - TEMPORARY SECURITY FENCE
 - TEMPORARY CONSTRUCTION FENCE
 - INLET
 - PROPOSED STORM DRAIN STRUCTURE (REFER TO DETAIL SHEET CV1.5)
 - PROPOSED BOLLARD (OWNER-SUPPLIED MATERIAL: REBAR, CAGE, BOLLARD PIPE AND COVER)
 - PROPOSED DRAINAGE MANHOLE

CONSULTANT:

AIRCRAFT DESIGN CONSULTANTS
6011 UNIVERSITY BLVD, SUITE 490
ELLICOTT CITY, MD 21043
TEL: 410.465.9600
FAX: 410.465.9602

SEAL:

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. 32705
EXPIRATION DATE: 2/21/2026

DESIGNED: B.J.D.	NO. 1	DATE 06/06/2025	DESCRIPTION ADDENDUM 1
DRAWN: J.A.A.	3	06/13/2025	ADDENDUM 3
CHECKED: V.J.D.			
APPROVED: R.N.M.			

HAGERSTOWN REGIONAL AIRPORT
Washington County, MD

PROJECT TITLE: TERMINAL BUILDING EXPANSION	
SHEET TITLE: SITE PLAN	
SCALE: N.A.	DATE: MAY 2025

FAA ATP No.: 3-24-0019-XX-2025
Bid No.: PUR-1751
MAA Grant No.: MAA-GR-XX-XXX
SUBMISSION: BID SET
SHEET No.: **CV1.3**
22 OF 102

PROPOSED DRAINAGE CHART							
STRUCTURE NUMBER	STRUCTURE TYPE	PIPE SIZE/TYPE (IN)	PERCENT SLOPE	PIPE LENGTH (FT)	TOP ELEVATION (FT)	INVERT IN	INVERT OUT
1	INLET	-	-	-	688.8	-	-
EX. MHA - 1	-	24" HDPE	0.96%	20.25		684.16	684.35
1 TO 2	-	24" HDPE	0.50%	30	-	684.01	684.16
2	INLET	-	-	-	687.75	-	-
2 TO EX	-	24" HDPE	0.32%	86.00	-	683.76	684.04
3	INLET	-	-	-	688	-	-
3 TO 4	-	24" RCP	0.40%	44		683.54	683.76
4	MANHOLE	-	-	-	689.57	-	-

SEQUENCE OF CONSTRUCTION

PHASE 1 - INITIAL DISTURBANCE

1. CONTACT THE WASHINGTON COUNTY DPW - ENGINEERING & CONSTRUCTION AT (240) 313-2400 AND THE WASHINGTON COUNTY SOIL CONSERVATION DISTRICT AT (301) 797-6821 EXT. 3 FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION TO SCHEDULE PRE-CONSTRUCTION MEETING.
2. CONDUCT PRE-CONSTRUCTION MEETING.

PHASE 2 - SITE WORK CONSTRUCTION

3. INSTALL TEMPORARY SECURITY FENCE.
4. INSTALL SILT FENCE AND CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
5. INSTALL INLET PROTECTION AND TOPSOIL STOCKPILE AS SHOWN. ANY SPOIL AND/OR BORROW MUST COME FROM OR GO TO A SITE THAT HAS A CURRENT AND APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
6. SAWCUT EXISTING CONCRETE AND PAVING AS SHOWN ON PLAN.
7. WORKING DOWNSTREAM AND PROCEEDING UPSTREAM, INSTALL PROPOSED STORM DRAIN SYSTEM.
8. BEGIN SITE DEMOLITION.
9. BEGIN UTILITY CONSTRUCTION.
10. BEGIN FOOTER AND BUILDING ADDITION ERECTION.
11. BEGIN INSTALLATION OF ASPHALT PAVING SECTION.
12. BEGIN INSTALLATION OF CONCRETE SIDEWALK AND LANDSCAPE STONE.
13. BEGIN BOLLARD AND PERMANENT FENCE INSTALLATION
14. STABILIZE ALL GRASS AREAS, SEED AND MULCH.

PHASE 3 - PROJECT CLOSE-OUT

15. OBTAIN PERMISSION FROM SCD TO REMOVE PERIMETER CONTROLS. STABILIZE AREAS LEFT DISTURBED BY PERIMETER CONTROL REMOVAL.
16. CONTACT THE WASH. CO. SCD AT 301-797-6821 EXT. 3 AND THE WASHINGTON COUNTY DEPARTMENT OF PUBLIC WORKS-ENGINEERING & CONSTRUCTION AT 240-313-2400 TO SCHEDULE A FINAL SITE CLOSEOUT REVIEW MEETING.

SOIL EROSION, SEDIMENT CONTROL & SEEDING NOTES

1. ALL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" AND THE PROVISIONS OF THE APPROVED PLAN.
2. ALL GRADING AND STABILIZATION SHALL COMPLY WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL". "SECTION B - GRADING AND STABILIZATION" AND THE PROVISIONS OF THE APPROVED PLAN.
3. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) ARE TO BE CONSTRUCTED AND/OR INSTALLED PRIOR TO OR AT THE INITIATION OF GRADING IN ACCORDANCE WITH "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND THE APPROVED PLAN.
4. A GRADING UNIT IS THE MAXIMUM CONTIGUOUS AREA ALLOWED TO BE GRADED AT A GIVEN TIME AND IS LIMITED TO 20 ACRES. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY AND/OR THE WASHINGTON COUNTY SOIL CONSERVATION DISTRICT (APPROVAL AUTHORITY). UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.
5. FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN:
 - a) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 - b) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
6. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 7 DAY STABILIZATION REQUIREMENT, AS WELL AS, STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION. (AS APPLICABLE)
7. ALL CONSTRUCTED CHANNELS AND SWALES SHALL HAVE SPECIFIED TREATMENT INSTALLED TO THE DESIGN FLOW DEPTH COMPLETED DOWNSTREAM TO UPSTREAM AS CONSTRUCTION PROGRESSES. AN INSTALLATION DETAIL SHALL BE SHOWN ON THE PLANS.
8. ALL STORM DRAIN AND SANITARY SEWER LINES NOT IN PAVED AREAS ARE TO BE MULCHED AND SEEDED WITHIN 3 DAYS OF INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
9. ELECTRIC POWER, TELEPHONE, AND GAS LINES ARE TO BE COMPACTED, SEEDED AND MULCHED WITHIN 3 DAYS AFTER INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
10. NO SLOPE SHALL BE GREATER THAN 2:1.
11. AS REQUIRED BY SECTION B, OF THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, "ADEQUATE VEGETATIVE STABILIZATION", IS DEFINED AS 95 PERCENT GROUND COVER. THE WASHINGTON COUNTY SOIL CONSERVATION DISTRICT REQUIRES THE PROJECT ADHERE TO THIS FOR SCHEDULING OF THE FINAL SITE CLOSEOUT REVIEW, AND/OR THE RELEASE OF THE SITE FOR SOIL EROSION AND SEDIMENT CONTROL.

FOR SITES 1.0 ACRE OR MORE, THE FOLLOWING ARE REQUIRED:

- A. MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL/INDIVIDUAL PERMIT FOR STORMWATER ASSOCIATED WITH A CONSTRUCTION ACTIVITY, N.P.D.E.S. PERMIT NUMBER MDRC, STATE DISCHARGE PERMIT NUMBER 14GP, OR AN INDIVIDUAL PERMIT.
- B. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT - NOTICE OF INTENT - N.O.I.) APPLICATION AND PERMIT SHALL BE POSTED AND/OR AVAILABLE ON-SITE AT ALL TIMES.
- C. DURING CONSTRUCTION, ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (B.M.P.'s) SHALL BE INSPECTED AND RECORDED ON THE "STANDARD INSPECTION FORM", "GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY" PER MARYLAND DEPARTMENT OF THE ENVIRONMENT (GENERAL/INDIVIDUAL PERMIT - NOTICE OF INTENT - N.O.I.).
- D. FOLLOWING CONSTRUCTION AND RELEASE OF THE SIGHT FOR SOIL EROSION AND SEDIMENT CONTROL BY THE WASHINGTON COUNTY SOIL CONSERVATION DISTRICT, I.E., ALL PORTIONS OF A SITE HAVE BEEN PERMANENTLY STABILIZED, AND ALL STORMWATER DISCHARGES FROM THE CONSTRUCTION SITES THAT ARE AUTHORIZED BY THE PERMIT AREA ELIMINATED, THE AUTHORIZED PERMITEE SHALL SUBMIT THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, GENERAL/INDIVIDUAL PERMIT - NOTICE OF TERMINATION - N.O.T.

PERMANENT SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.3					FERTILIZER RATE (10-20-20)			LIME RATE
No.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DPTHS	N	P2O5	K2O	
6	TALL FESCUE	40	3/15 - 6/15	$\frac{1}{4}$ - $\frac{3}{4}$ "	45 LB/AC	90 LB/AC	90 LB/AC	2 TONS/AC (80 LB S.F.)
	WHITE CLOVER	8	8/1 - 10/15		10 LB/AC	20 LB/AC	20 LB/AC	
	PERENNIAL RYE GRASS	25			100 S.F.)	100 S.F.)	100 S.F.)	
PERMANENT SEEDING SHALL COMPLY WITH EROSION AND SEDIMENT CONTROL SECTION B-4-5 OF THE 2011 MARYLAND STANDARDS FOR SOIL EROSION								

TEMPORARY SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE 6B) FROM TABLE B.1					FERTILIZER RATE (10-20-20)	LIME RATE
No.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTH		
2	BARLEY (HORDEUM VULGARE)	96	3/1 - 5/15 8/1 - 9/30	1.0"	436 LBS./AC. (10 LBS/1000 S.F.)	2 TONS/AC. (90 LBS/1000 S.F.)

TEMPORARY SEEDING SHALL COMPLY WITH
SECTION B-4-4 OF THE 2011 MARYLAND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL

TEMPORARY SEEDING SHALL COMPLY WITH
SECTION B-4-4 OF THE 2011 MARYLAND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL

SGP-25-XXX
CIVIL SHEET 6

POSITION OF CURB IF REQUIRED - TO BE PAID FOR PER LINEAR FOOT OF STANDARD CURB.

STANDARD TYPE S INLET SINGLE FRAME & GRATE. FOR DETAILS SEE STANDARD MD 379.02-01

PLAN

SECTION A-A

SECTION B-B

FRAME ANCHORAGE DETAIL

GENERAL NOTES

1. CONCRETE TO BE MIX NO.6 (4500 P.S.I.).
2. REINFORCING WELLS - 2 LAYERS OF 4x4-W4.0x W4.0 WELDED WIRE FABRICS BASE - 2 LAYERS OF 4x4 - W5.0 x W5.0 WELDED WIRE FABRIC
3. THROTTLED PLASTIC INSERTS TO BE PROVIDED FOR HANDLING.
4. GRADE AND SLOPE ADJUSTMENTS TO BE COMPLETED IN THE FIELD USING CONCRETE MIX NO.6.
5. PIPE OPENINGS TO BE PROVIDED AS REQUIRED, FOR SIZE, LOCATION AND INVERT ELEVATIONS REFER TO CONSTRUCTION PLANS.
6. PLACEMENT OF SUBGRADE DRAINAGE WILL AS BE DIRECTED BY THE ENGINEER OR AS NOTED ON THE CONSTRUCTION PLANS.
7. LADDER RUNGS SHALL BE IN ACCORDANCE WITH STANDARD MD 363.91 AND MD 363.92 OR AS DIRECTED BY THE ENGINEER.
8. MINIMUM DEPTH PAYMENT PER "EACH" INLET INCLUDES DEPTHS UP TO 3'-6". VERTICAL DEPTH PAYMENT PER LINEAR FOOT FOR DEPTHS IN EXCESS OF 3'-6".
9. FROM CURB LINE, INLET HAS BEEN DESIGNED FOR W5-25 LOADING, ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

SPECIFICATION	CATEGORY CODE ITEMS
305	

APPROVAL	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT	APPROVAL - CIVIL ENGINEER	APPROVAL - FEDERAL HIGHWAY ADMINISTRATION
APPROVED	4-15-87	APPROVED	4-15-87
DESIGNED	8-10-10	DESIGNED	7-26-10
REVISED	10-7-14	REVISED	10-7-14

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

PRECAST STANDARD
TYPE S INLET SINGLE GRATE

STANDARD NO. MD 374.73

DETAIL E-9-1

**STANDARD INLET
PROTECTION**

STANDARD SYMBOL

SIP

TYPE A MAXIMUM DRAINAGE AREA = $\frac{1}{4}$ ACRE
 TYPE B MAXIMUM DRAINAGE AREA = 1 ACRE

TYPE A

TYPE B

ISOMETRIC VIEW

SECTION FOR TYPE A AND B

1 OF 2

GENERAL NOTES

- WALL REINFORCEMENT SHALL BE NO. 4 DEFORMED BARS @ 6" C/C, 2 WAYS, AND HAVE 3" COVER BELOW DEPTH OF 12'-0" AND 4" COVER TO DEPTH OF 24'-0".
- BASE REINFORCEMENT SHALL BE NO. 4 DEFORMED BARS @ 6" C/C, 2 WAYS, AND HAVE 2" COVER FROM TOP OF BASE.
- MANHOLE HAS BEEN DESIGNED FOR HS-20 LOADING, ACCORDING TO AASHTO LRD BRIDGE DESIGN SPECIFICATIONS.
- BRICK AND MORTAR MAY BE USED IN NON-TRAFFIC AREAS ONLY.

The drawing includes three main views:

- PLAN:** Shows the top view of the manhole. It features a central circular opening with a diameter of 4'-0". The wall thickness is indicated as 8". There are two access points labeled 'A' and one inspection point labeled 'B'. Dimensions show a total width of 12'-0" and a depth of 24'-0" from the centerline.
- SECTION A-A:** A cross-section through the manhole. It shows the ladder rungs at the top, a concrete base, and brick walls. The wall thickness is 8". The base has a thickness of 12". The channel shall be concrete or brick. The drawing includes notes about cement mortar plaster and channel requirements.
- SECTION B-B:** Another cross-section of the manhole, showing the interior profile. It highlights the batter (slope) of the walls, which is 4'-0" max. 3'-0" min. The bench height above the outgoing pipe invert is specified as 0.5 D for storm water and 0.9 D for sanitary flow.

MANHOLE WALL THICKNESS

- 8" TO DEPTH OF 12'-0"
- BELow DEPTH OF 12'-0" TO DEPTH OF 24'-0"

MANHOLE BASE THICKNESS

- 8" WALL-USE 12" BASE
- 12" WALL-USE 15" BASE

BENCH HEIGHT ABOVE OUTGOING PIPE INVERT

- STORM WATER 0.5 D
- SANITARY 0.9 D


SECTION A-A

SECTION B-B

CONSULTANT:



AIRPORT DESIGN CONSULTANTS
6011 UNIVERSITY BLVD, SUITE 490
ELLICOTT CITY, MD 21043
TEL: 410.465.9600
FAX: 410.465.9602

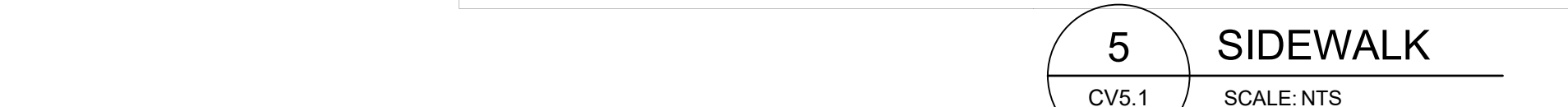
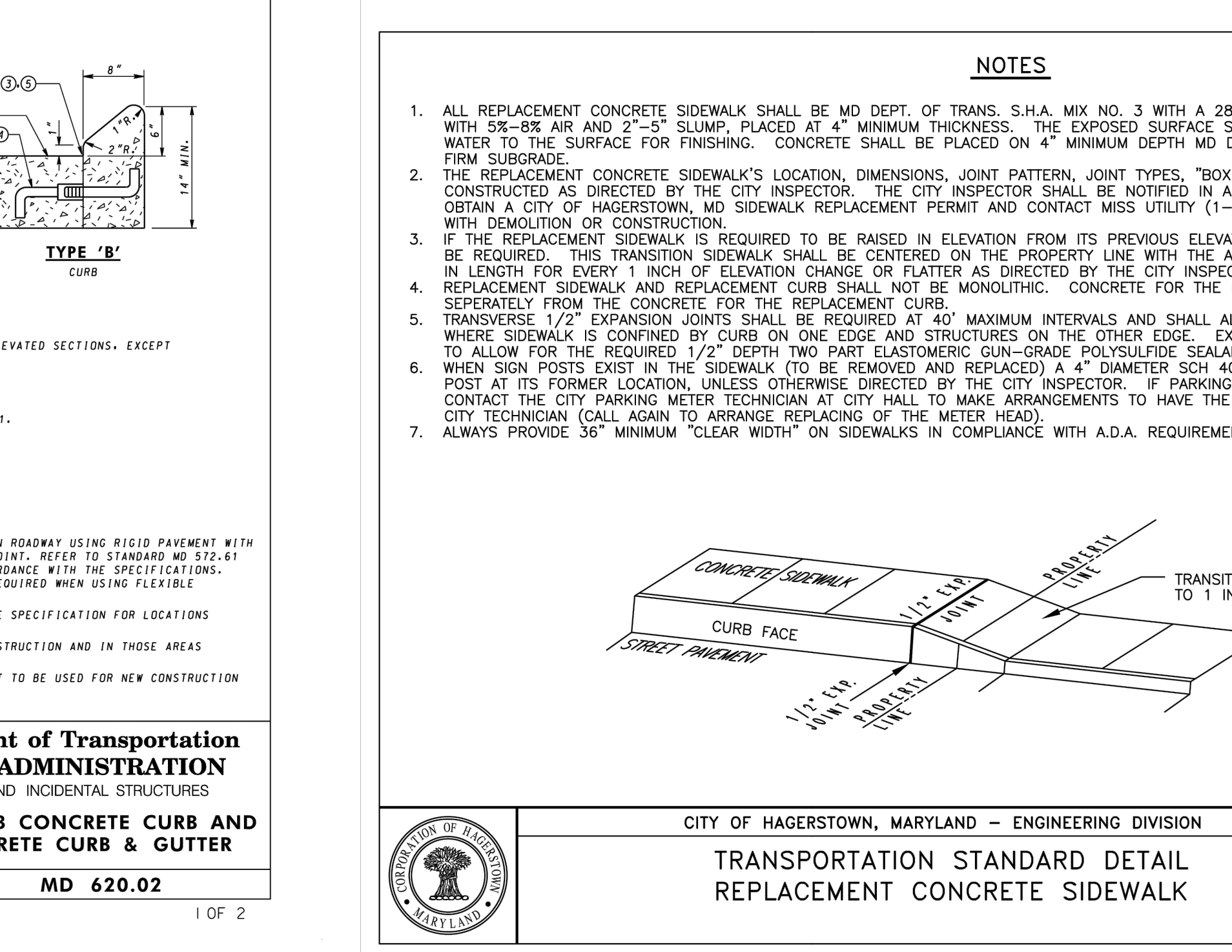
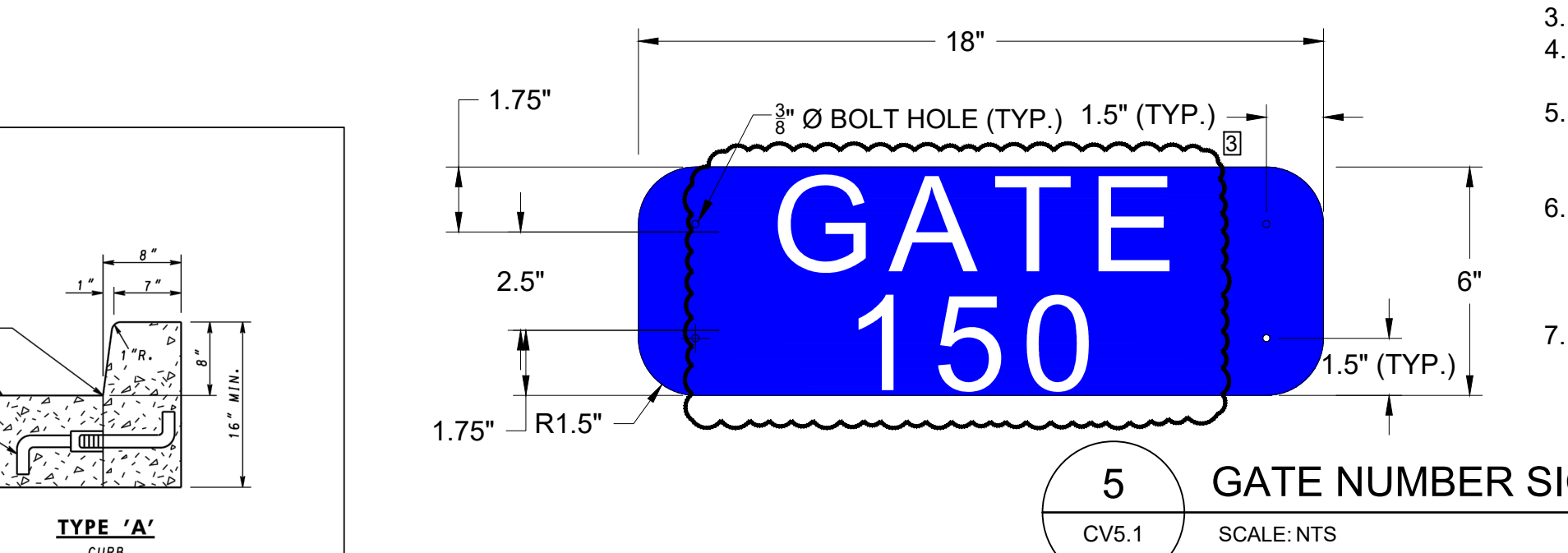
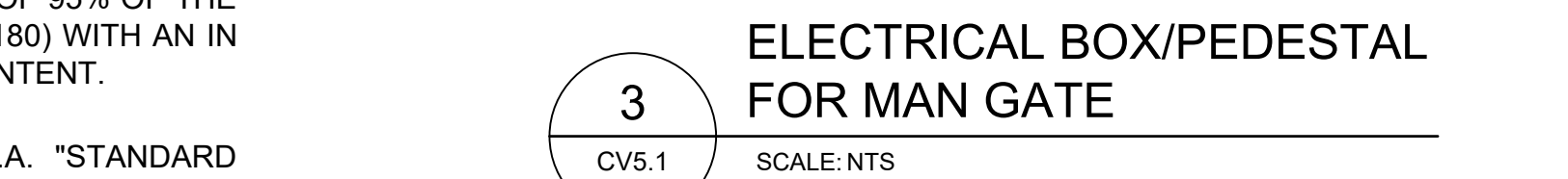
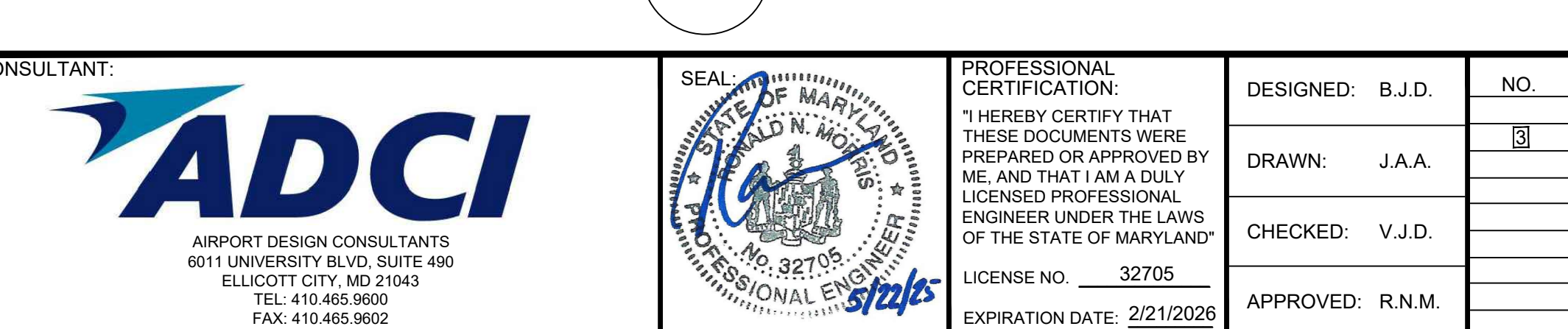
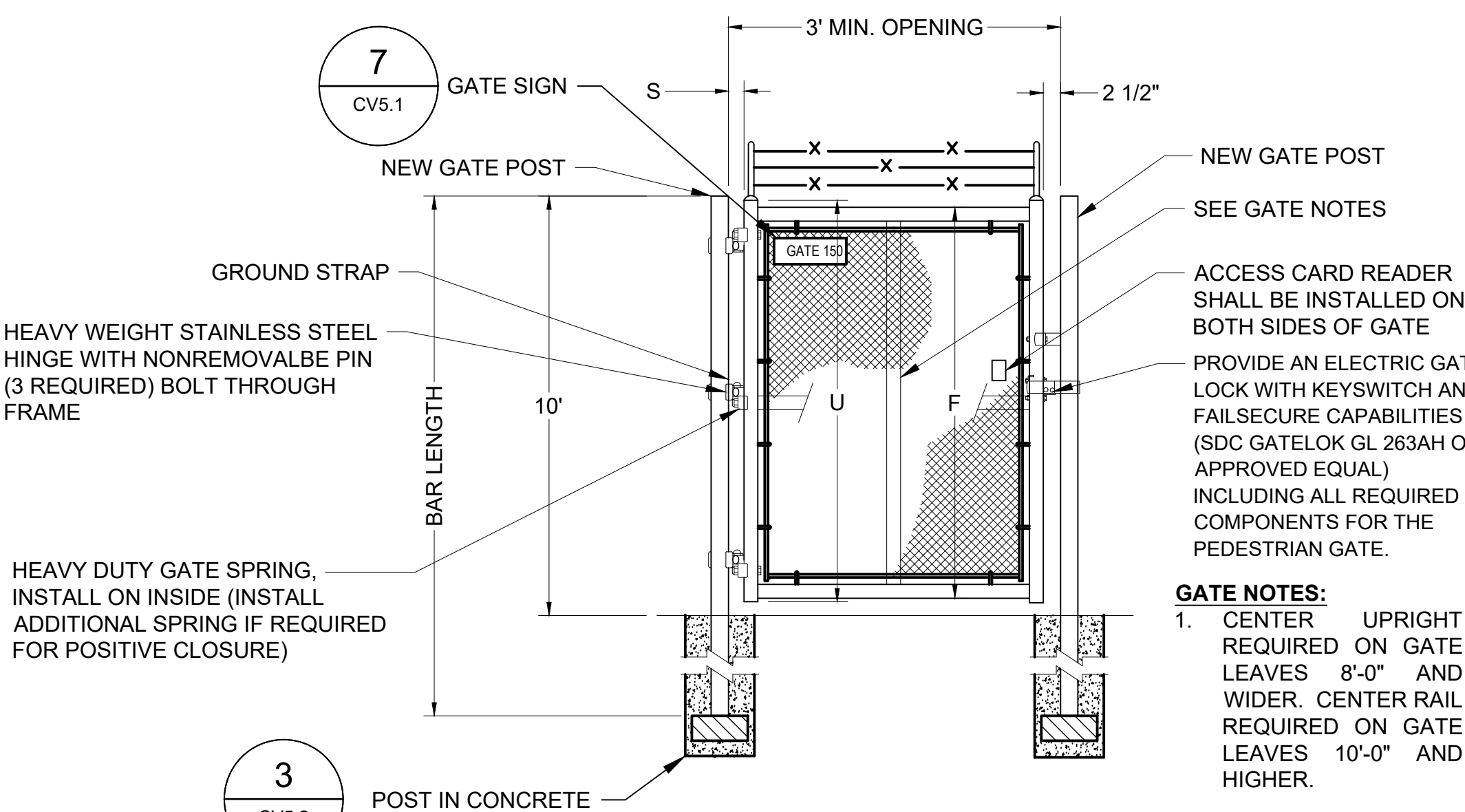
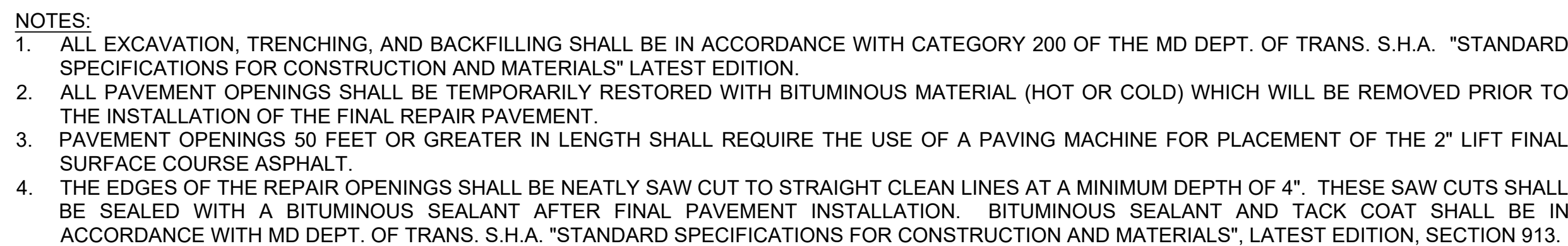
<p>SEAL</p> 	<p>CERTIFICATION:</p> <p>"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND"</p> <p>LICENSE NO. <u>32705</u></p> <p>EXPIRATION DATE: <u>2/21/2026</u></p>
---	---

DESIGNED: B. J. D.	NO.	DATE	DESCRIPTION
	1	06/06/2025	ADDENDUM 1
DRAWN: J. A. A.	3	06/13/2025	ADDENDUM 3
CHECKED: V. J. D.			
APPROVED: R. N. M.			



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:		TERMINAL BUILDING EXPANSION		FAA ATP No.: 3-24-0019-XX-2025 Bid No.: PUR-1751 MAA Grant No.: MAA-GR-XX-XXX	
SHEET TITLE:		DRAINAGE AND EROSION AND SEDIMENT CONTROL NOTES AND DETAILS		SUBMISSION: BID SET	
SCALE:		N.A.		DATE: MAY 2025	
				CV1.5 24 OF 102	



BOLLARD NOTES:
CONCRETE:
 1. ALL CONCRETE SHALL BE MIX NO. 3 (3,500 PSI).
 2. ALL EXPOSED CORNERS OF CONCRETE SHALL BE CHAMFERED WITH $\frac{3}{8}$ " X $\frac{3}{8}$ " MILLED CHAMFER STRIPS.

REINFORCING STEEL:
 1. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. ALL SPLICES NOT SHOWN SHALL BE LAPPED AS PER BAR LAP CHARTS. MINIMUM COVER FOR ANY BAR SHALL BE 2" UNLESS OTHERWISE NOTED, WITH THE EXCEPTION OF BARS AT THE BOTTOM AND SIDES OF ALL FOOTINGS WHICH SHALL HAVE 3" MINIMUM COVER. FOR TIES AND STIRRUPS, STANDARD ACI BENDING TOLERANCES ARE MODIFIED TO PLUS (+) ZERO INCHES, MINUS (-) NORMAL ACI BENDING TOLERANCES.
 2. ALL REINFORCING STEEL SHALL BE EPOXY COATED.

FE SIGN NOTES:

WHITE (REFLECTIVE) LEGEND ON BLUE
(REFLECTIVE) BACKGROUND.
SIGN THICKNESS - 12 GAUGE
MOUNT SIGNS LEVEL TO FENCE.
SIGN SHALL BE INSTALLED ON BOTH
SIDES OF THE GATE.
SIGN SHALL BE PLACED IN THE UPPER
LEFT HAND CORNER OF THE GATE
LEAF.
THERE WILL BE NO SEPARATE PAY
ITEM FOR SIGNS THEY SHALL BE
CONSIDERED INCIDENTAL TO THE
COST OF THE GATE (F-162).
THE PEDESTRIAN GATE SHALL BE
"GATE 150" (2 SIGNS).

DAY COMPRESSIVE STRENGTH OF 3,500 P.S.I.
ALL BE BROOM FINISHED. DO NOT ADD
PT. OF TRANS. S.H.A. NO. 57 STONE ON
PUTS" FOR STRUCTURES, ETC. SHALL BE
ANCE OF ANY CONCRETE PLACEMENT.
0-257-7777) BEFORE PROCEEDING
ON, TRANSITION REPLACEMENT SIDEWALK MAY
ACENT PROPERTY AND SHALL BE 12 INCHES
OR.
PLACEMENT SIDEWALK SHALL BE PLACED
D TO BE PLACED ALONG THE BACK SIDE OF CURB
NSION JUNT MATERIAL WILL BE POSITIONED
SONNEBORN SONOLASTIC OR APPROVED EQUAL.
PVC SLEEVE MUST BE INSTALLED FOR EACH
ETERS EXIST IN SIDEWALK TO BE REPLACED
TER HEAD REMOVED AND STORED BY THE
S.

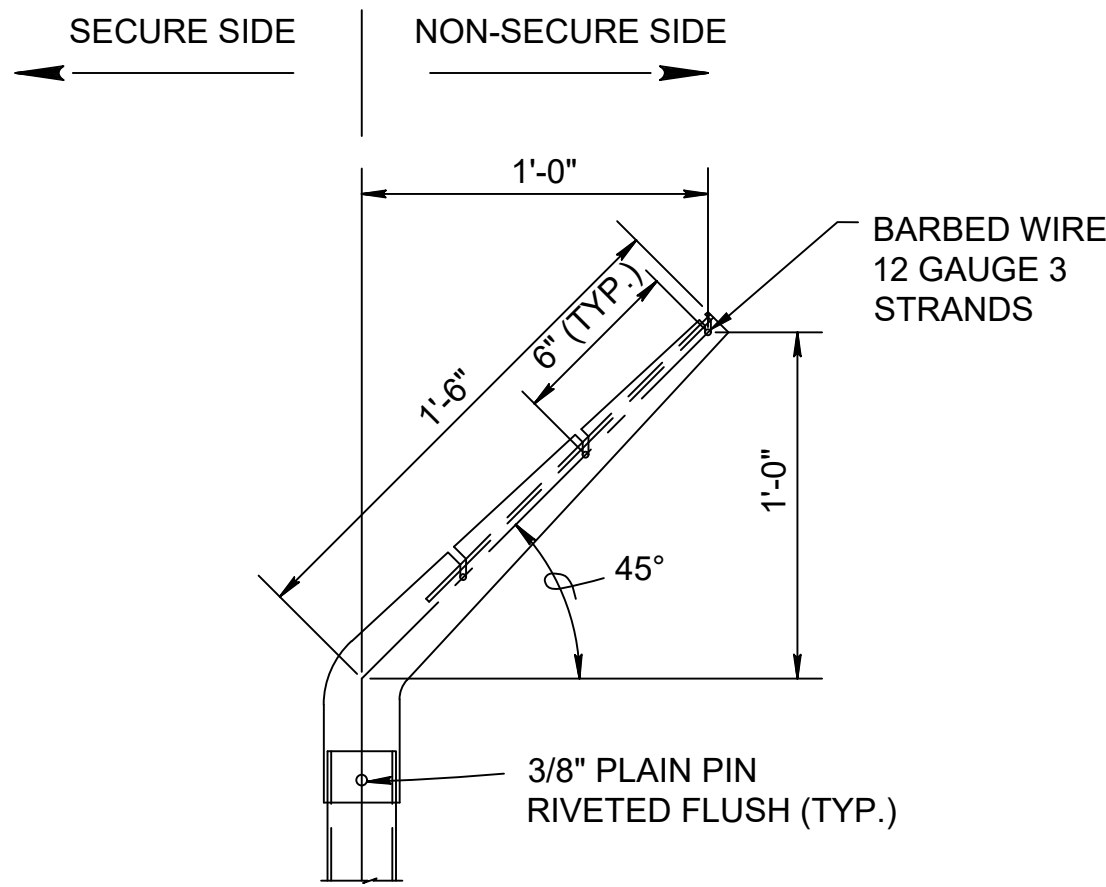
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	REVISIONS						
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REVISION	DATE	DESCRIPTION					
Plate	T-052						

(C) CITY OF HAGERSTOWN, MD. 2018

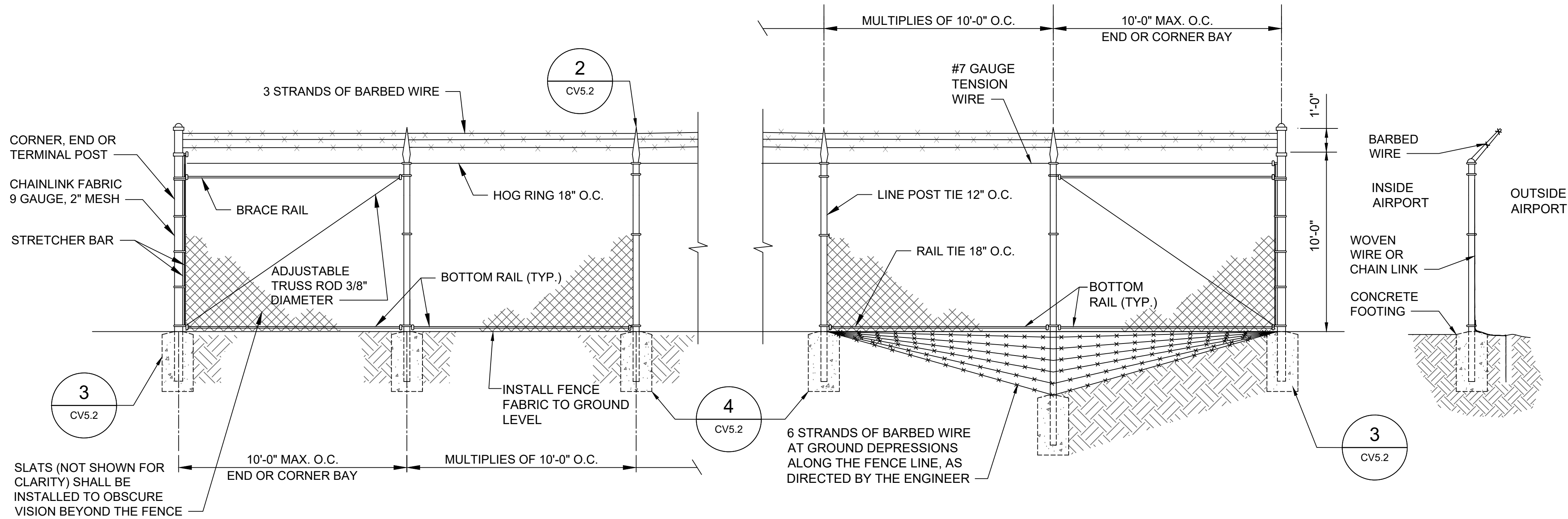
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CIVIL SHEET 7 of 8

FENCE NOTES:

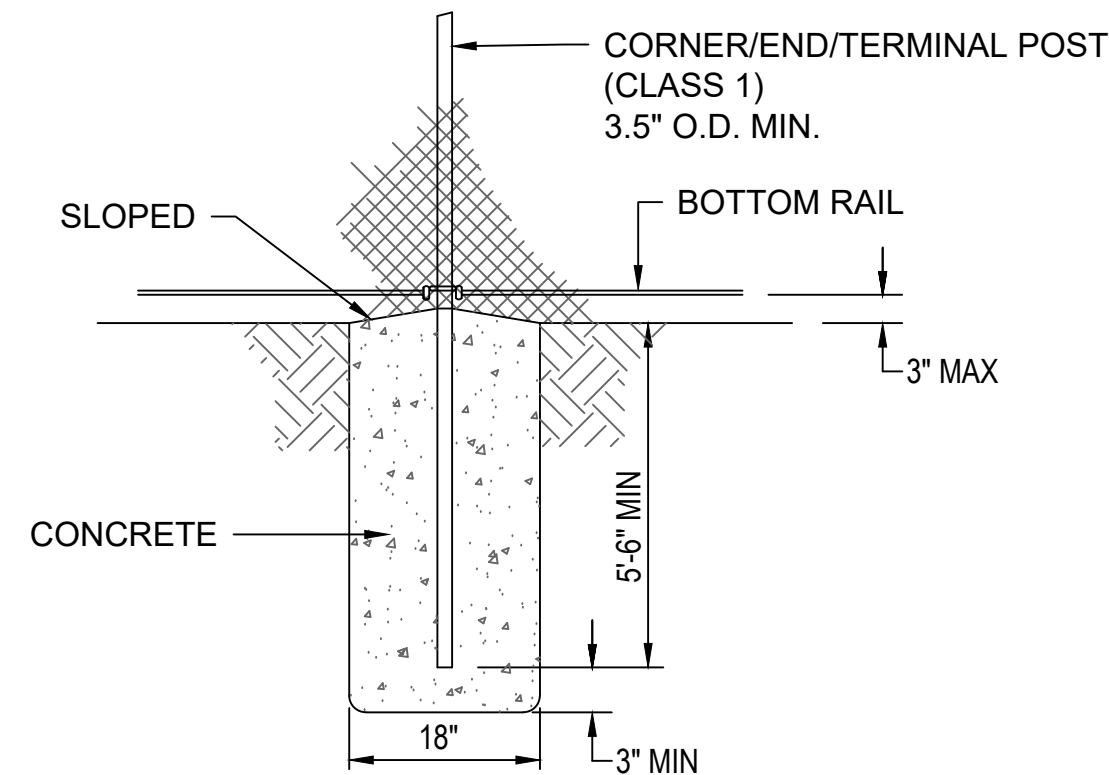
- AIRPORT AOA WARNING SIGNS SHALL BE INSTALLED AT ≈200 FOOT INTERVALS MINIMUM ALONG THE NEW FENCE LINE, SEE DETAIL ON SHEET CV5.2.
- ALL DIMENSIONS, SIZES, GAUGES, WEIGHTS, THICKNESS SHOWN ARE THE MINIMUM ACCEPTABLE, UNLESS OTHERWISE INDICATED.
- THE FEDERAL SPECIFICATIONS SHOWN SHALL BE INTERPRETED 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).



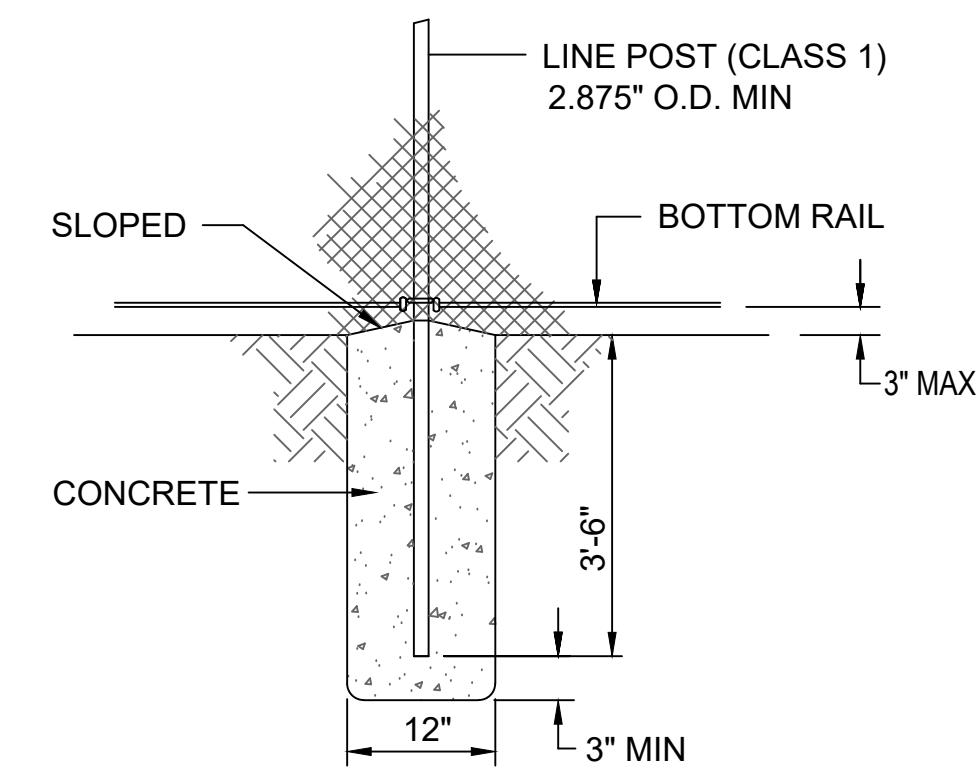
2 FENCE TOP DETAIL
CV5.2 SCALE: NTS



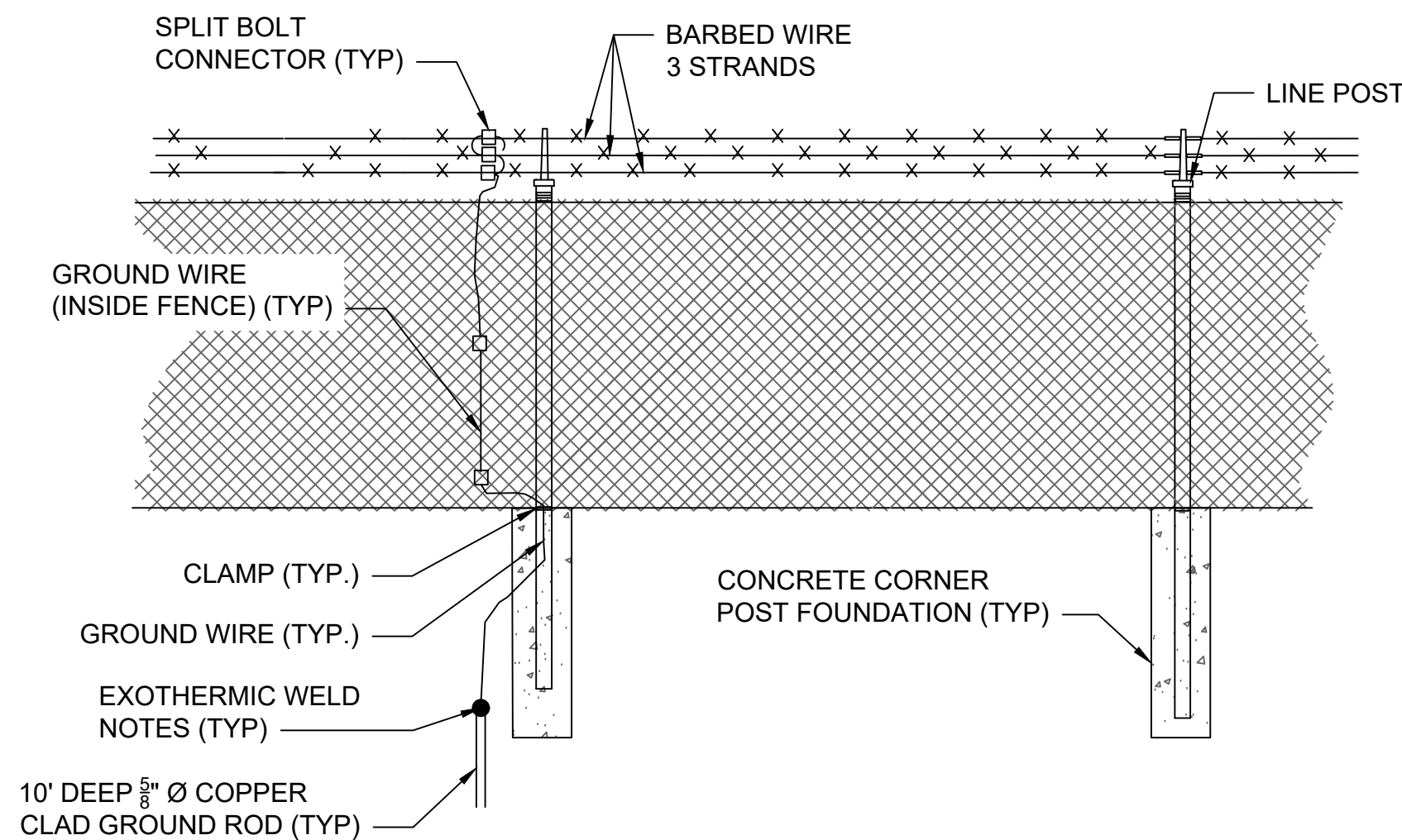
1 PERMANENT AOA FENCE
CV5.2 SCALE: NTS



3 TYPICAL CORNER END TERMINAL POST
CV5.2 SCALE: NTS



4 TYPICAL LINE POST
CV5.2 SCALE: NTS



GROUNDING NOTES:

- GROUND ALL END POSTS, CORNER POSTS, PULL POSTS, AND GATE POSTS AS SHOWN IN THE GROUNDING ROD DETAIL. PLACE GROUND RODS AT LEAST EVERY 500 FEET ALONG THE FENCE LINE.
- IMPEDANCE TO GROUND OF EACH GROUND ROD SHALL NOT EXCEED 25 OHMS PRIOR TO ESTABLISHING CONNECTION TO OTHER GROUND ROD ELECTRODES. THE FALL-OF-POTENTIAL GROUND IMPEDANCE TEST SHALL BE USED, S DESCRIBED IN THE ANSI/IEEE STANDARD 81 TO VERIFY THIS REQUIREMENT.
- ALL UNDERGROUND FENCE GROUNDING CONNECTIONS SHALL BE EXOTHERMIC. ALL ABOVE GROUND CONNECTIONS SHALL BE MECHANICAL.
- A GROUND ROD SHALL BE INSTALLED AT SPACING'S NO GREATER THAN 500 FEET, AND BONDED (MECHANICAL CLAMP) TO A FENCE POST WITH A #6 AWG SOLID COPPER CONDUCTOR.
- INSTALL A BONDING STRAP FROM ANY GATE TO THE ADJACENT POST USING MECHANICAL CONNECTIONS. THE BONDING STRAP SHALL BE A 1 INCH BY 1/8 INCH FLEXIBLE TINNED COPPER BOND STRAP AND SHALL NOT RESTRICT THE FULL MOTION OF THE GATE.
- CLAMP #6 AWG SOLID BARE COPPER CONDUCTOR FROM THE POSTS AT EACH SIDE OF THE GATE TO GROUND RODS INSTALLED AT EACH SIDE OF THE GATE. CONNECT THE CONDUCTOR TO THE GATEPOSTS AT A HEIGHT NO GREATER THAN ONE FOOT ABOVE GRADE.

5 FENCE GROUNDING
CV5.2 SCALE: NTS

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



6 FENCE SIGNS
CV5.2 SCALE: NTS

CONSULTANT:



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. 32705
EXPIRATION DATE: 2/21/2026

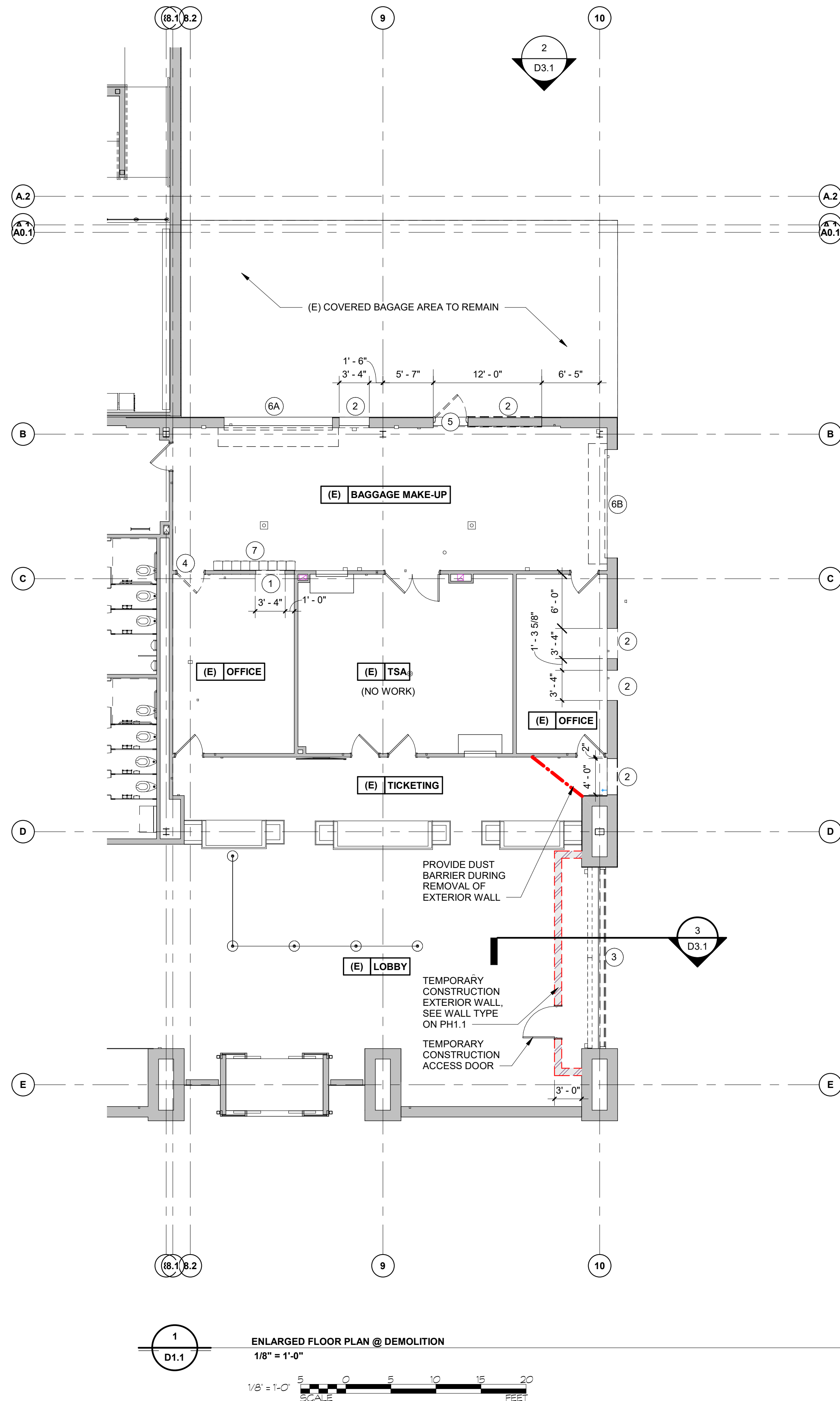
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DRAWN:	J.A.A.	3	06/13/2025	ADDENDUM 3
CHECKED:	V.J.D.			
APPROVED:	R.N.M.			



HAGERSTOWN
REGIONAL AIRPORT
Washington County, MD

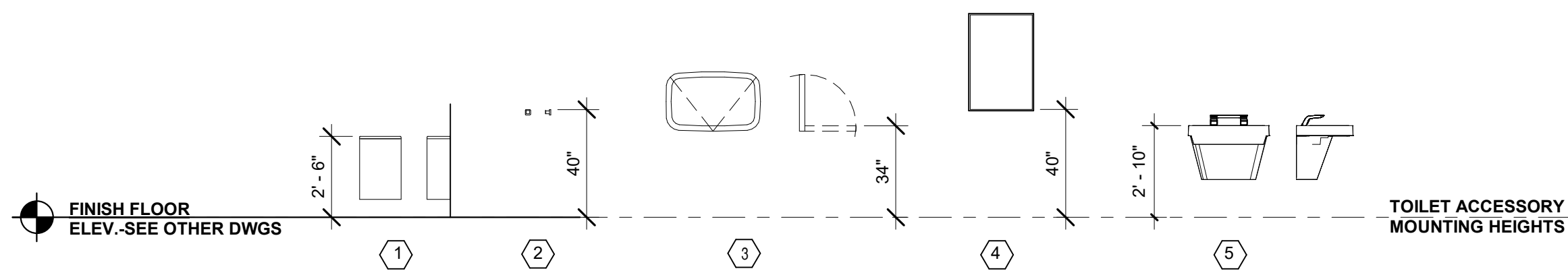
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SHEET TITLE:	SITE DETAILS 2		BID SET
SCALE:	N.A.	DATE:	MAY 2025
			SHEET No.: CV5.2 26 OF 102

SGP-25-XXX
CIVIL SHEET 8 of 8

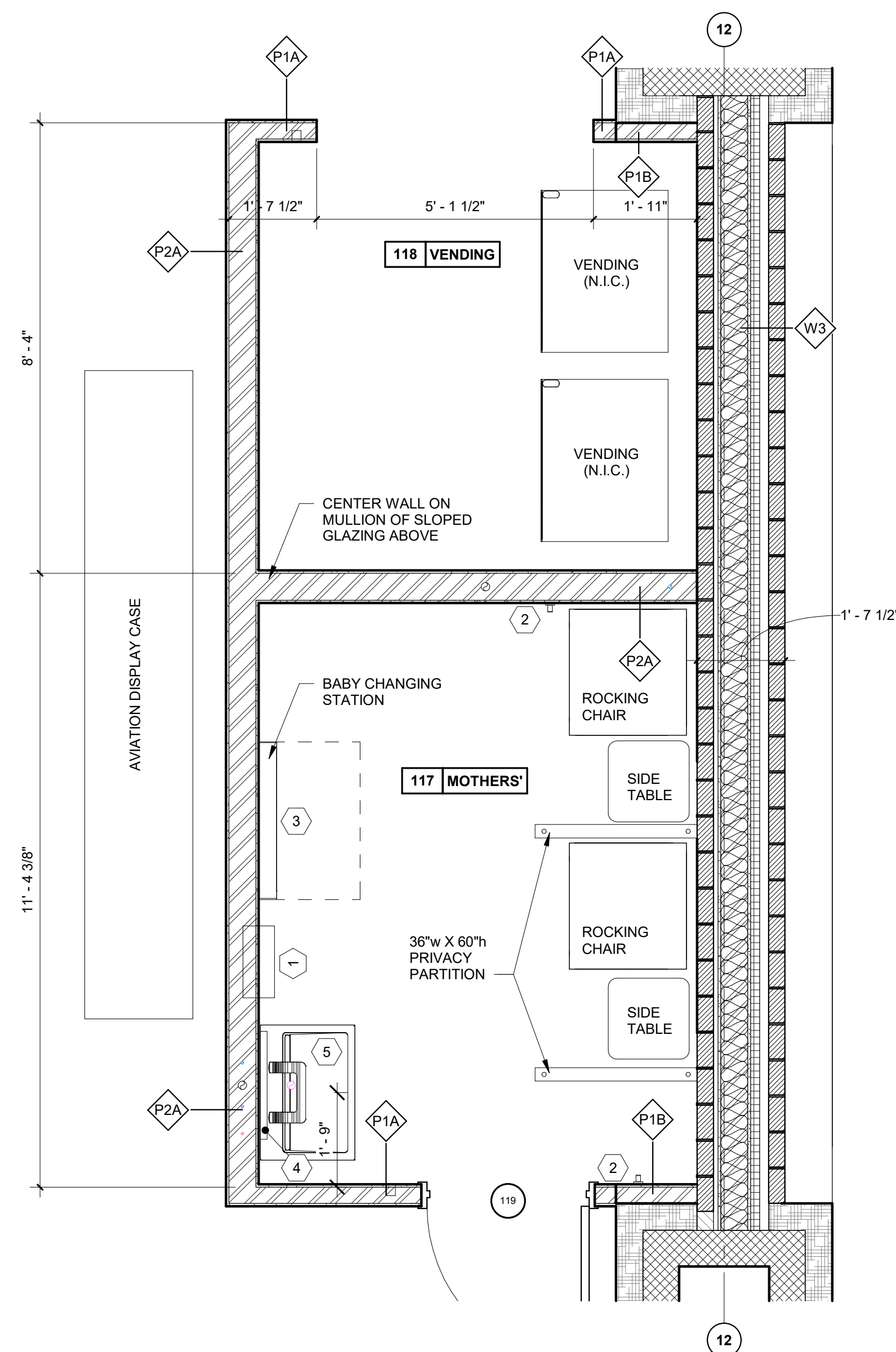


DEMOLITION LEGEND

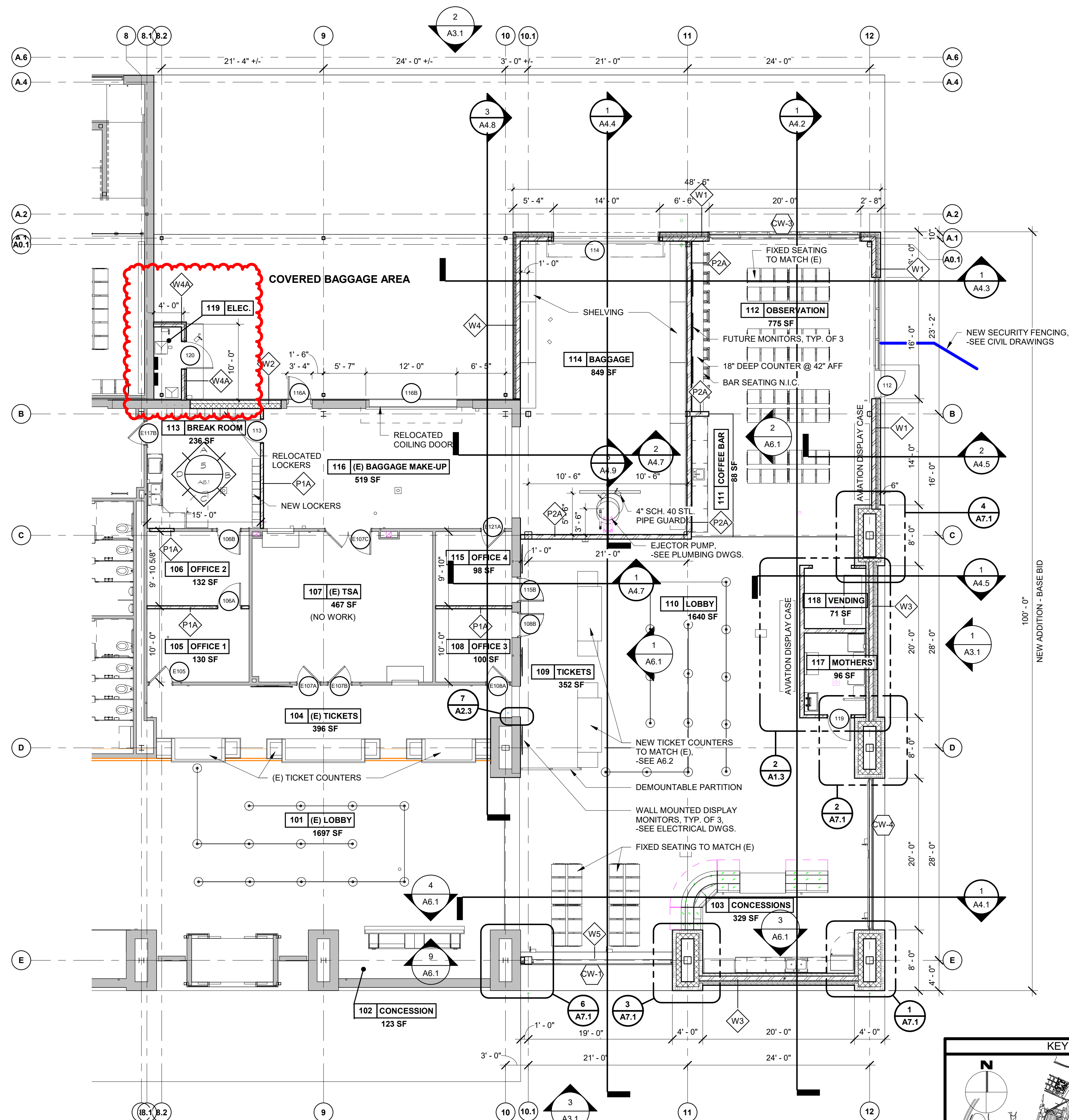
- 1 METAL STUD AND GYPSUM BOARD WALLS TO BE REMOVED. (ADD ALTERNATE No. 1)
- 2 PORTION OF EXISTING MASONRY TO BE REMOVED FOR NEW OPENING. PATCH & REPAIR ADJACENT FINISHES AS REQ'D. (BASE BID)
- 3 EXISTING ALUMINUM STOREFRONT TO BE REMOVED. (BASE BID)
- 4 FLUSH WOOD DOORS AND HOLLOW METAL FRAMES TO BE 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)



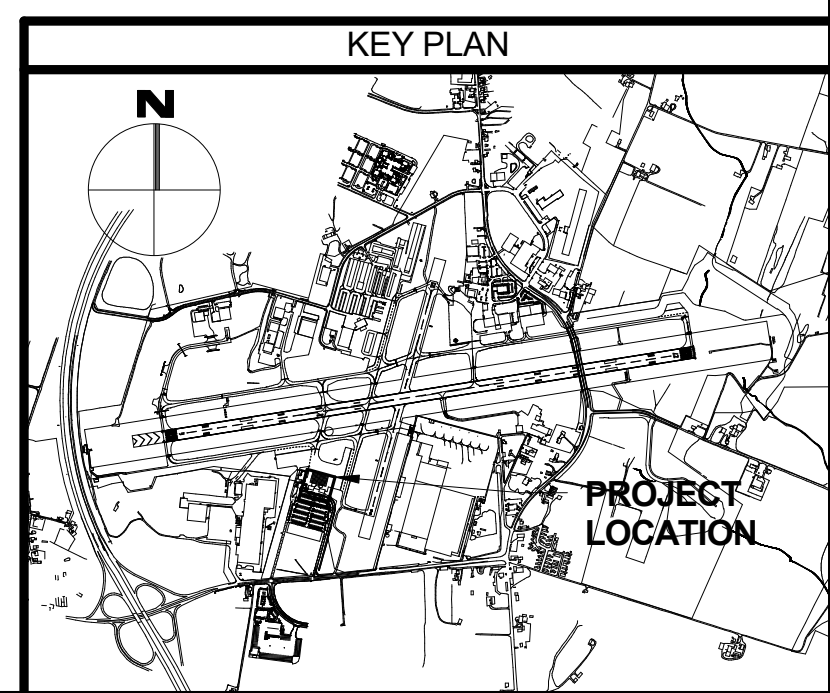
1	WASTE RECEPTACLE - BOBRICK B-277
2	ROBE HOOK - BOBRICK B-76717
3	BABY CHANGING STATION - KOALA KARE KB-200-0155 GREY
4	WALL HUNG MIRROR - BOBRICK B-1556 2436
5	WASHBAR (SOAP, WATER, & HAND DRYER) - TO BE USED WITH EVERO BASIN, COLOR "MYKONOS" - BRADLEY LVQD3

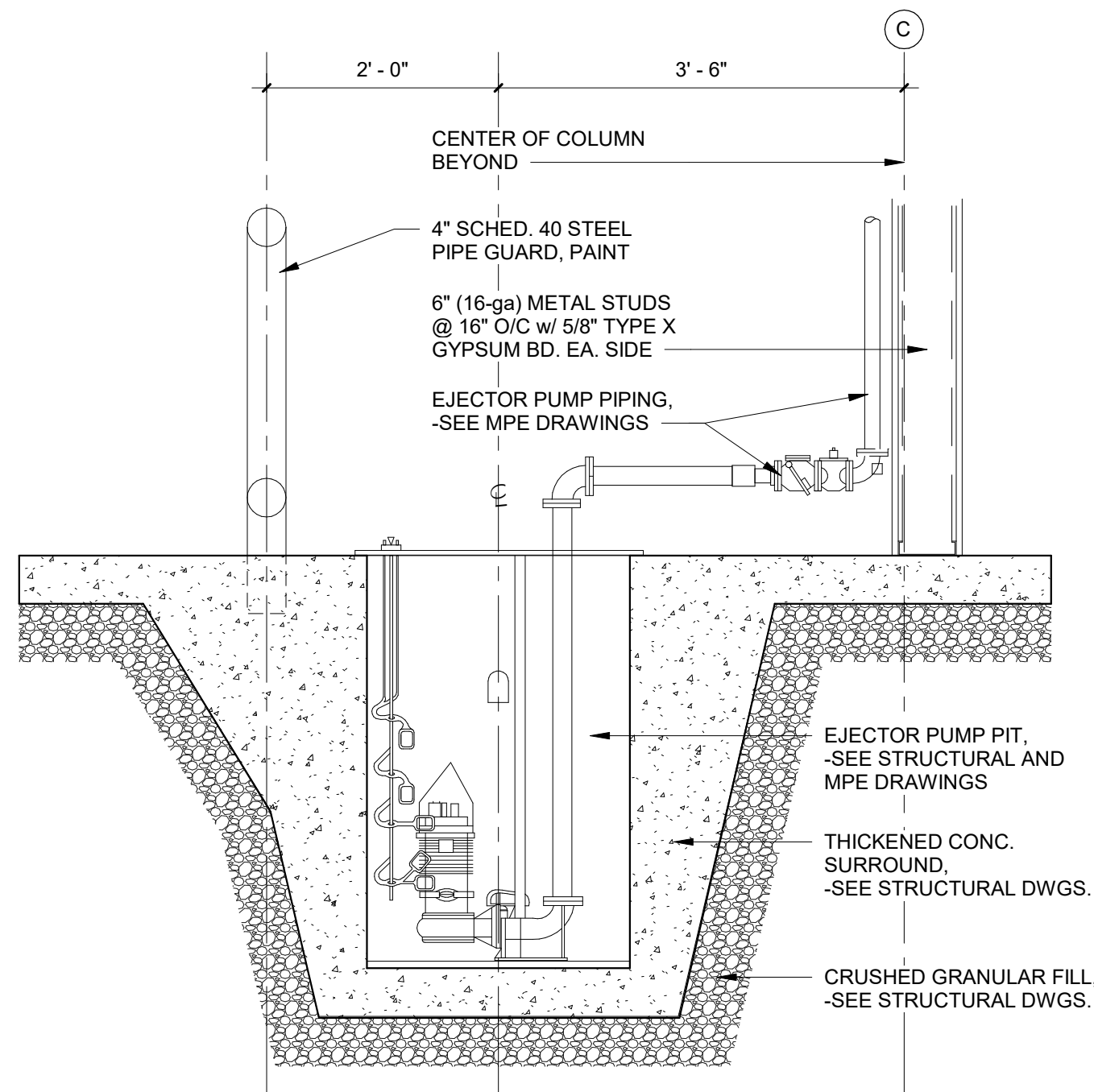


2
A1.3
ENLARGED PLAN @ ROOMS 117-118
1/2" = 1'-0"
SCALE 0 1 2 3 4 5 FEET

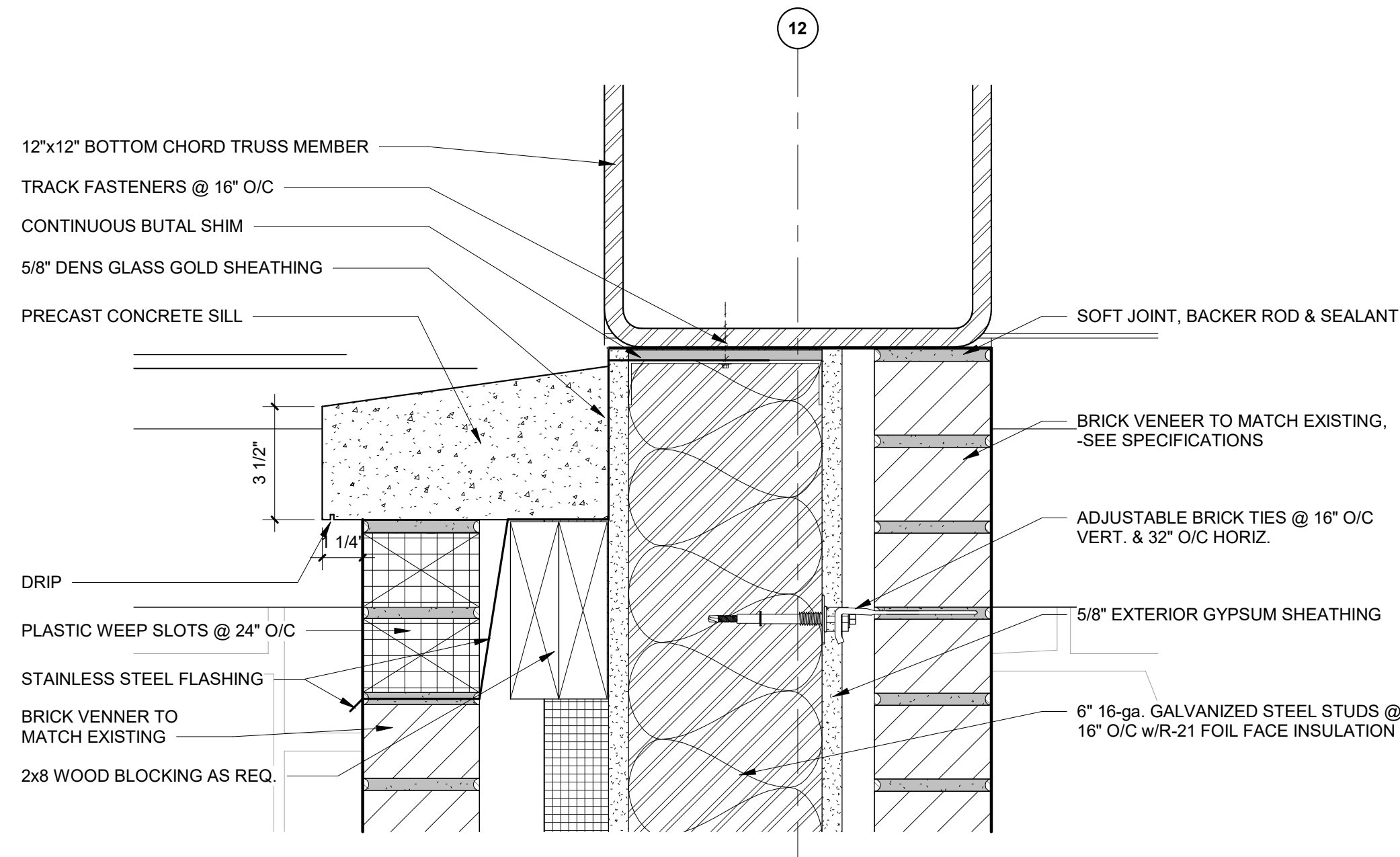


1
A1.3
ENLARGED FLOOR PLAN @ NEW WORK
1/8" = 1'-0"
SCALE 0 5 10 15 20 FEET

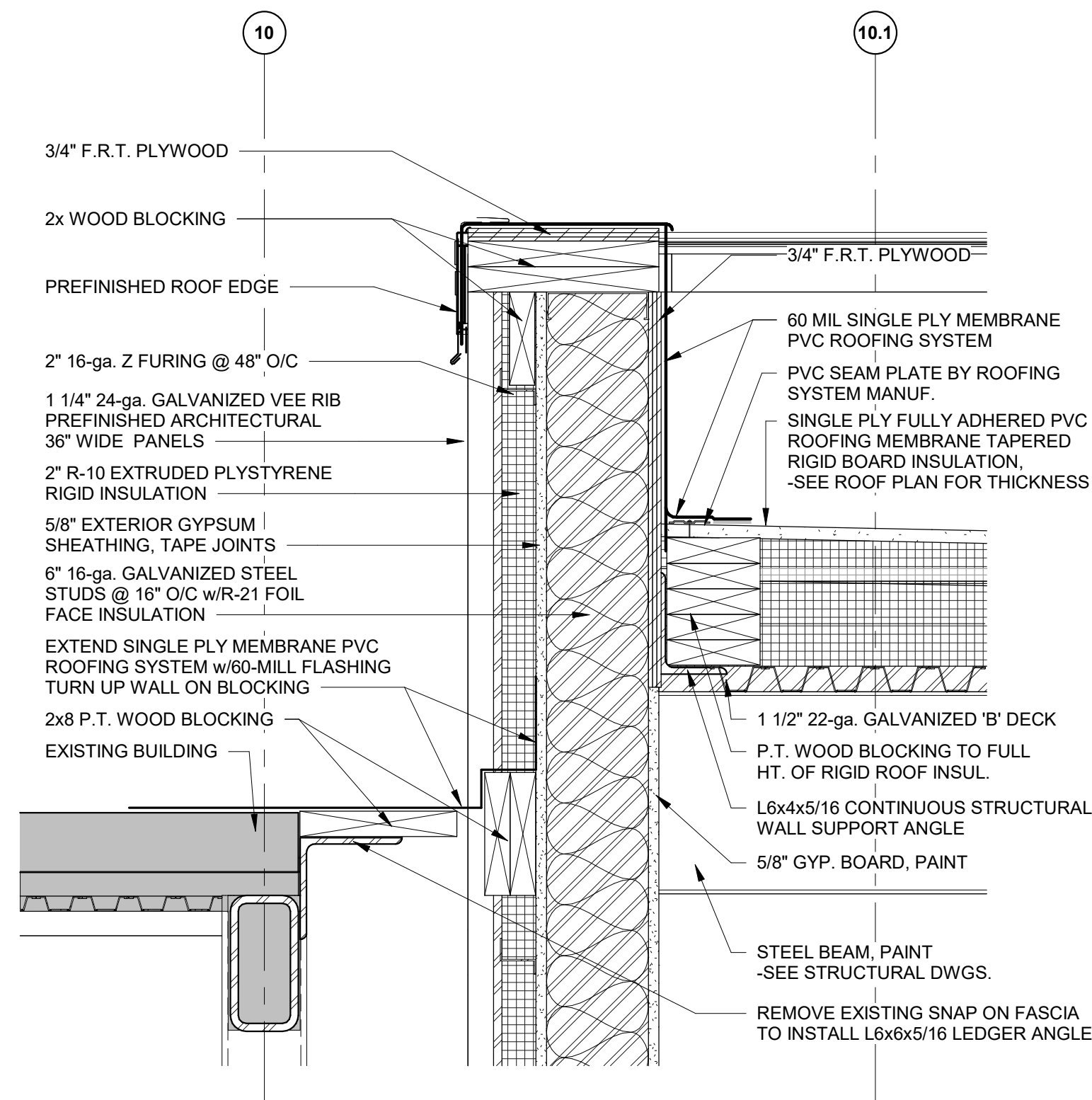




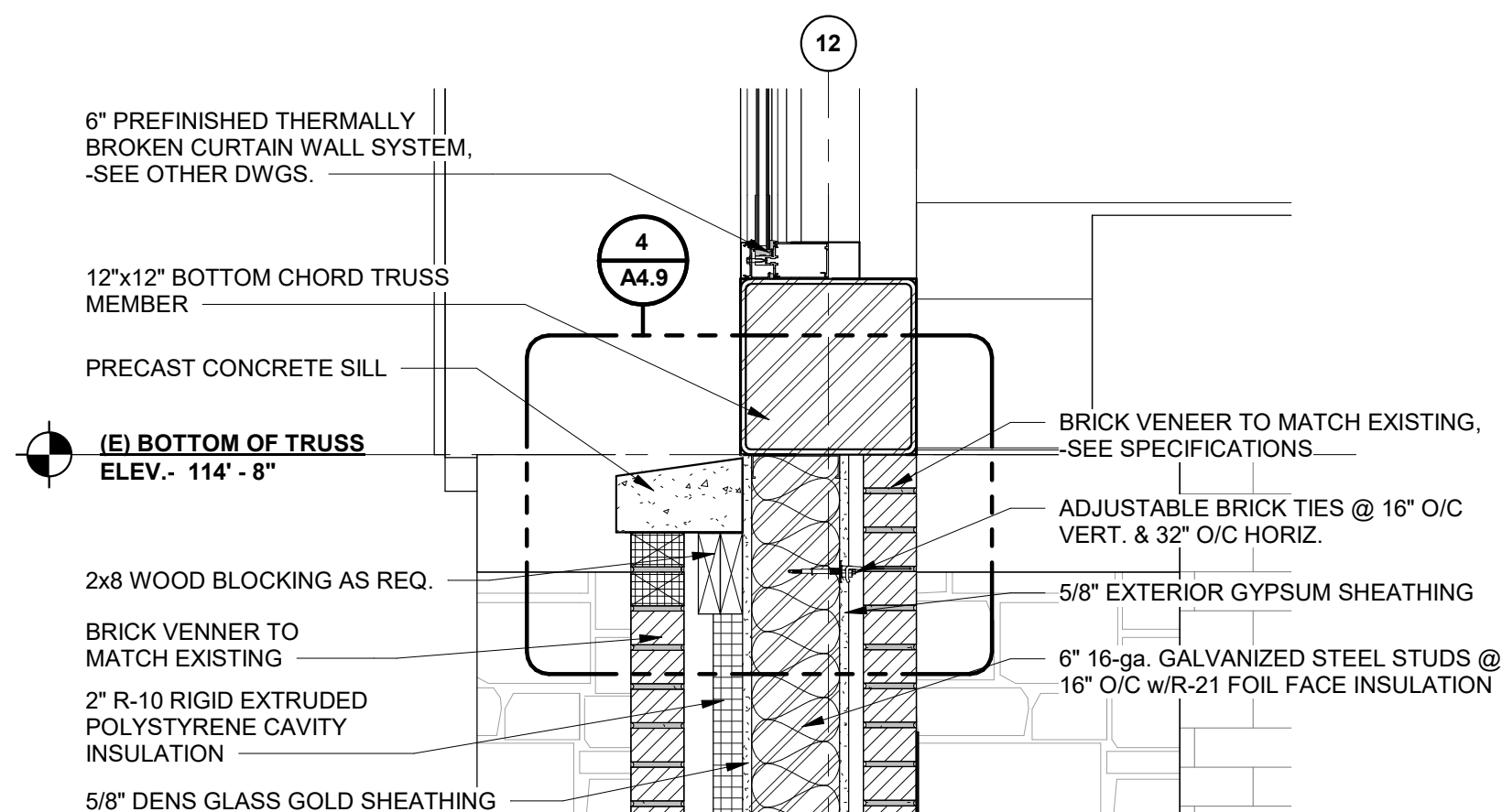
5
A4.9
EJECTOR PUMP SECTION DETAIL
3/4" = 1'-0"



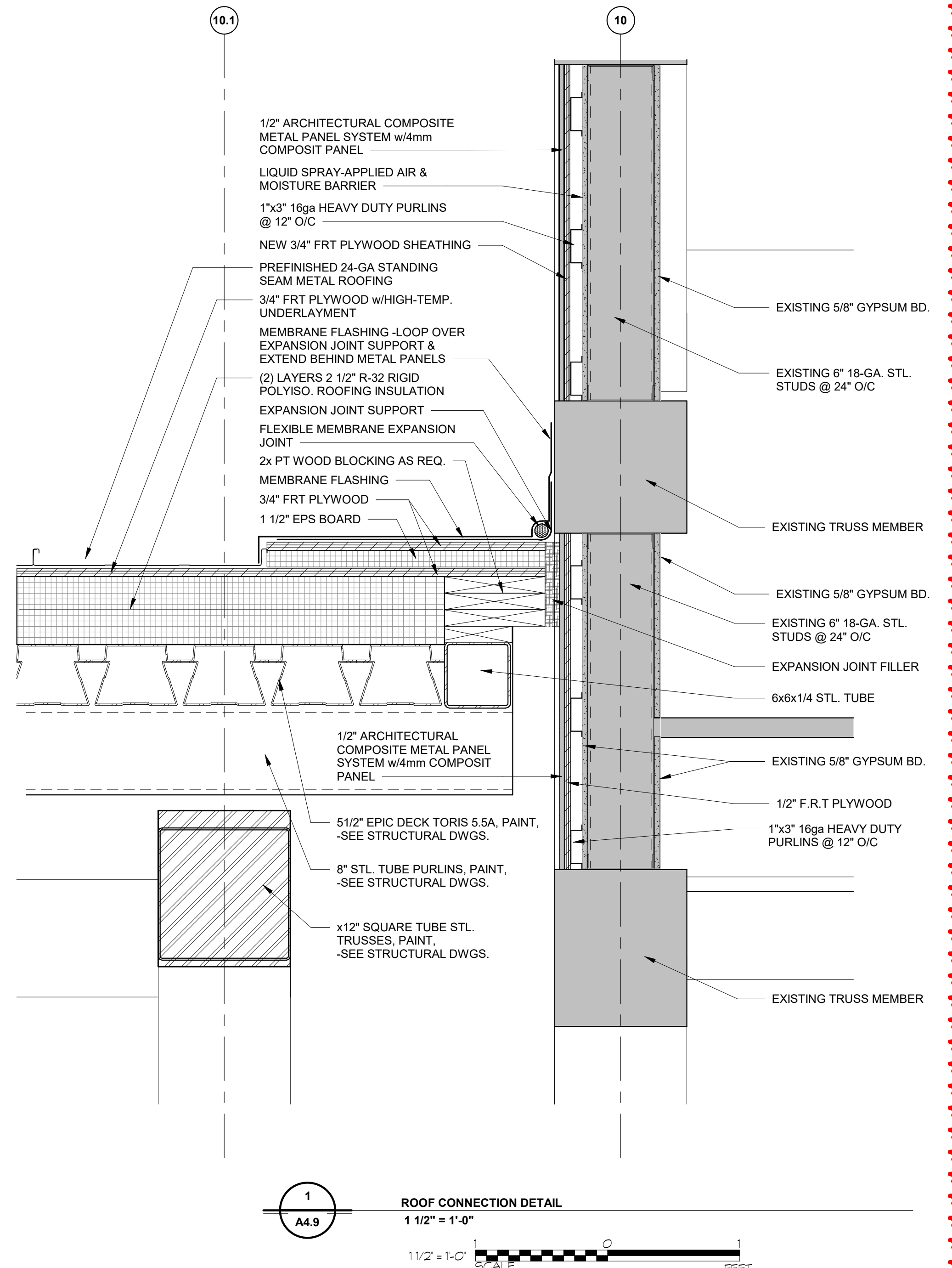
4
A4.9
FLASHING DETAIL
3" = 1'-0"
3" = 1'-0" SCALE 0 1 2 FEET



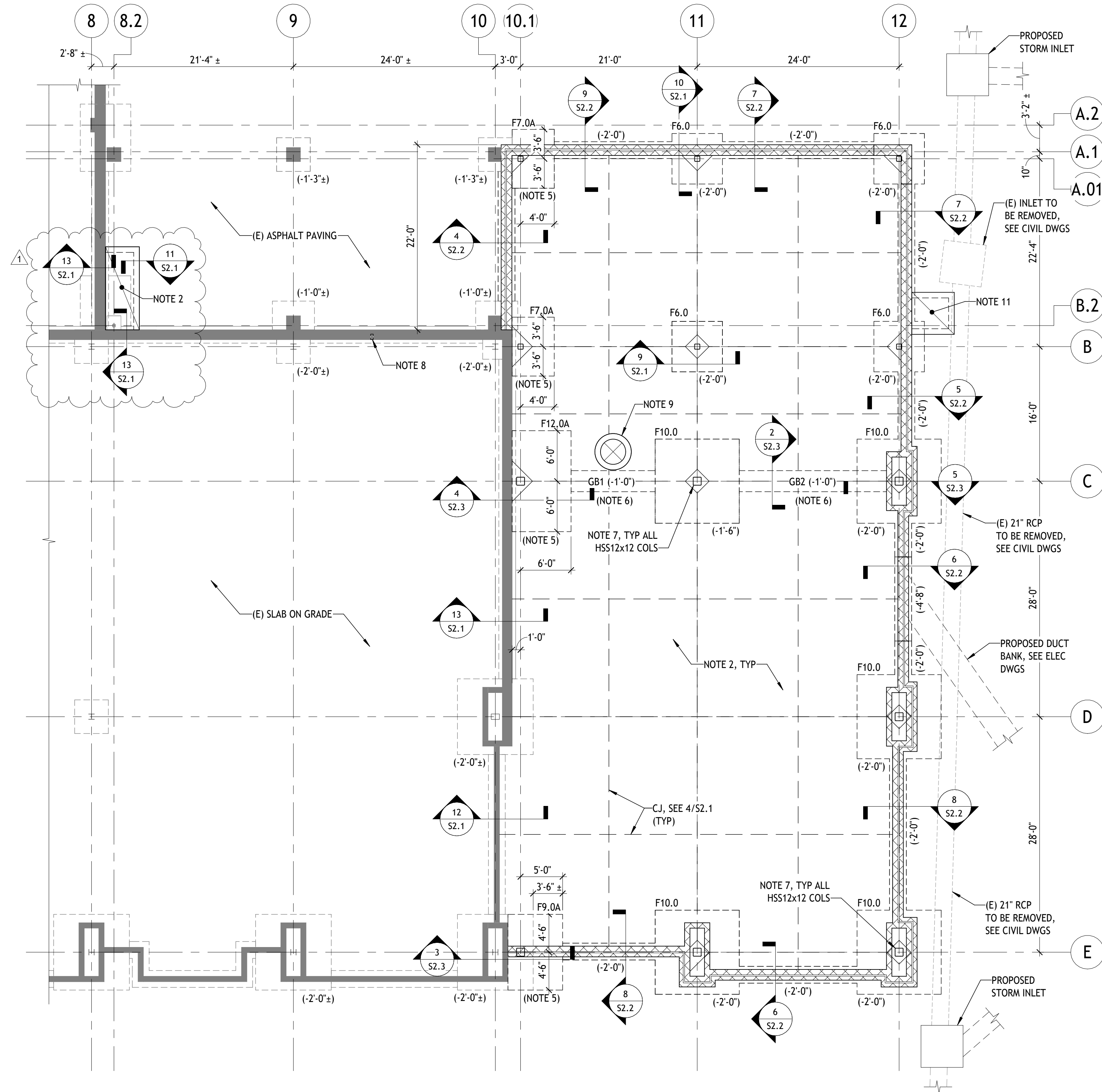
3
A4.9
CONNECTION DETAIL
1 1/2" = 1'-0"



2
A4.9
SECTION DETAIL
1" = 1'-0"
1" = 1'-0" SCALE 0 1 2 FEET

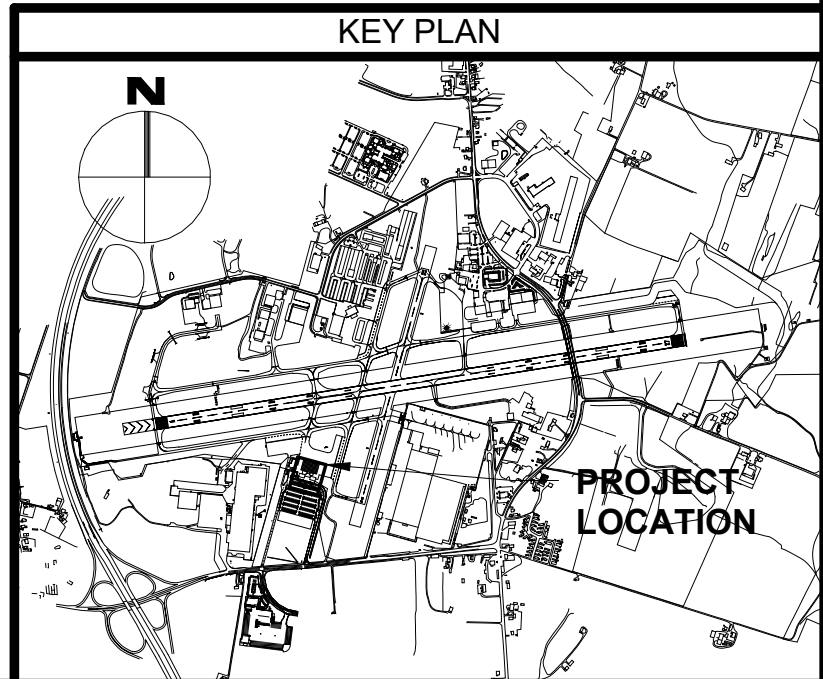


1
A4.9
ROOF CONNECTION DETAIL
1 1/2" = 1'-0"
1 1/2" = 1'-0" SCALE 0 1 2 FEET



- A**
- FOUNDATION PLAN**
- 1/8" = 1'-0"
- PLAN NOTES**
- SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION NOT SHOWN.
 - SLAB ON GRADE SHALL BE 5" THICK REINFORCED WITH 6"x6" - W2.9/W2.9 WELDED WIRE REINFORCEMENT POURED OVER 10 MIL VAPOR BARRIER OVER 6" WASHED STONE AND COMPACTED SOIL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
 - TYPICAL ELEVATIONS:
 - REFERENCE ELEVATION MEASURED FROM GROUND FLOOR DATUM = (0'-0"), ACTUAL ELEVATION = 690.25'.
 - TOP OF SLAB ELEVATION = (0'-0"), REFERENCED FROM DATUM
 - TOP OF FOOTING ELEVATION = (-2'-0"), TYP UNO. TOP OF FOOTING ELEVATIONS THAT DIFFER FROM TYPICAL NOTED THUS:
(XX'-XX"), REFERENCED FROM TOP OF SLAB ELEVATION
 - TYPICAL WALL FOOTING SHALL BE 2'-0" WIDE x 1'-0" THICK REINFORCED WITH (3) #5 CONTINUOUS BOTTOM BARS AND #4 BARS AT 24" OC IN THE TRANSVERSE DIRECTION (WF2.0), UNLESS NOTED OTHERWISE.
 - BOTTOM OF NEW FOOTING ELEVATION TO MATCH EXISTING BOTTOM OF FOOTING ELEVATION. DO NOT UNDERMINE EXISTING FOOTING.
 - REINFORCED CONCRETE GRADE BEAM WITH REBAR LAPPED WITH COLUMN FOOTING REINFORCING AT EACH END PER SCHEDULE ON 3/S2.2. GRADE BEAM SIZES ARE AS FOLLOWS:
 - A. GB1 = 2'-6" WIDE x 2'-0" DEEP REINFORCED WITH (4) #6 CONT TOP AND BOTTOM AND (2) #5 AT MID DEPTH. PROVIDE #4 STIRRUPS AT 12" OC.
 - B. GB2 = 2'-6" WIDE x 2'-6" DEEP REINFORCED WITH (4) #6 CONT TOP AND BOTTOM AND (2) #5 AT MID DEPTH. PROVIDE #4 STIRRUPS AT 12" OC.
 - ANCHOR REINFORCEMENT REQUIRED AT ALL HSS12x12 COLUMN FOOTINGS AND PIERS PER 1/S2.3.
 - COLUMN TO BE REMOVED. CUT COLUMN 4" BELOW FINISH FLOOR REMOVING ADJACENT CONCRETE SLAB ON GRADE AS REQUIRED. PATCH SLAB ON GRADE AND INFILL COLUMN WITH CONCRETE. SEE S1.2 FOR ADDITIONAL COLUMN REMOVAL INSTRUCTIONS.
 - PIT FOR SEWAGE PUMP. SEE ARCHITECTURAL DRAWINGS FOR EXACT SIZE AND LOCATION. PROVIDE 8" CONCRETE PIT WALLS AND BASE REINFORCED WITH #4 AT 12" OC. PROVIDE (4) #5 x 4'-0" LONG RE-ENTRANT BARS IN SLAB ON GRADE AT PIT PERIMETER.
 - FOR COLUMN SCHEDULE, SEE S4.1.
 - PROVIDE 5'-0" x 5'-0" CONCRETE STOOP AT EXTERIOR DOOR. PROVIDE SLAB TURNDOWN PER DETAIL 11/S2.1. SEE NOTE 2 FOR SLAB THICKNESS AND REINFORCING.

FOUNDATION SCHEDULE			
ALLOWABLE BEARING PRESSURE = 2,500 PSF			
MARK	SIZE	THICKNESS	REINFORCING
F6.0	6'-0" x 6'-0"	1'-2"	(7) #5 EW T&B
F7.0A	SEE PLAN	2'-0"	#6 AT 8" OC EW T&B
F9.0A	SEE PLAN	2'-0"	#6 AT 8" OC EW T&B
F10.0	10'-0" x 10'-0"	1'-6"	(9) #6 EW T&B
F12.0A	SEE PLAN	2'-0"	#6 AT 8" OC EW T&B



1/8" = 1'-0"

SCALE

0 5 10 15 20 FEET



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SEAL:

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. 57724

Expiration Date: 06/06/2027

DESIGNED: MJM

DRAWN: MJM

CHECKED: CRF

APPROVED: BTS

No.

Rev 1

DATE

06.17.2025

DESCRIPTION

Revised (Addendum No. 3)



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:

TERMINAL BUILDING EXPANSION

SHEET TITLE:

FOUNDATION PLAN

SCALE:

1/8" = 1'-0"

DATE:

MAY 2025

FAA AIP No.: 3-24-0019-XX-2025

Bid No.: PUR-1751

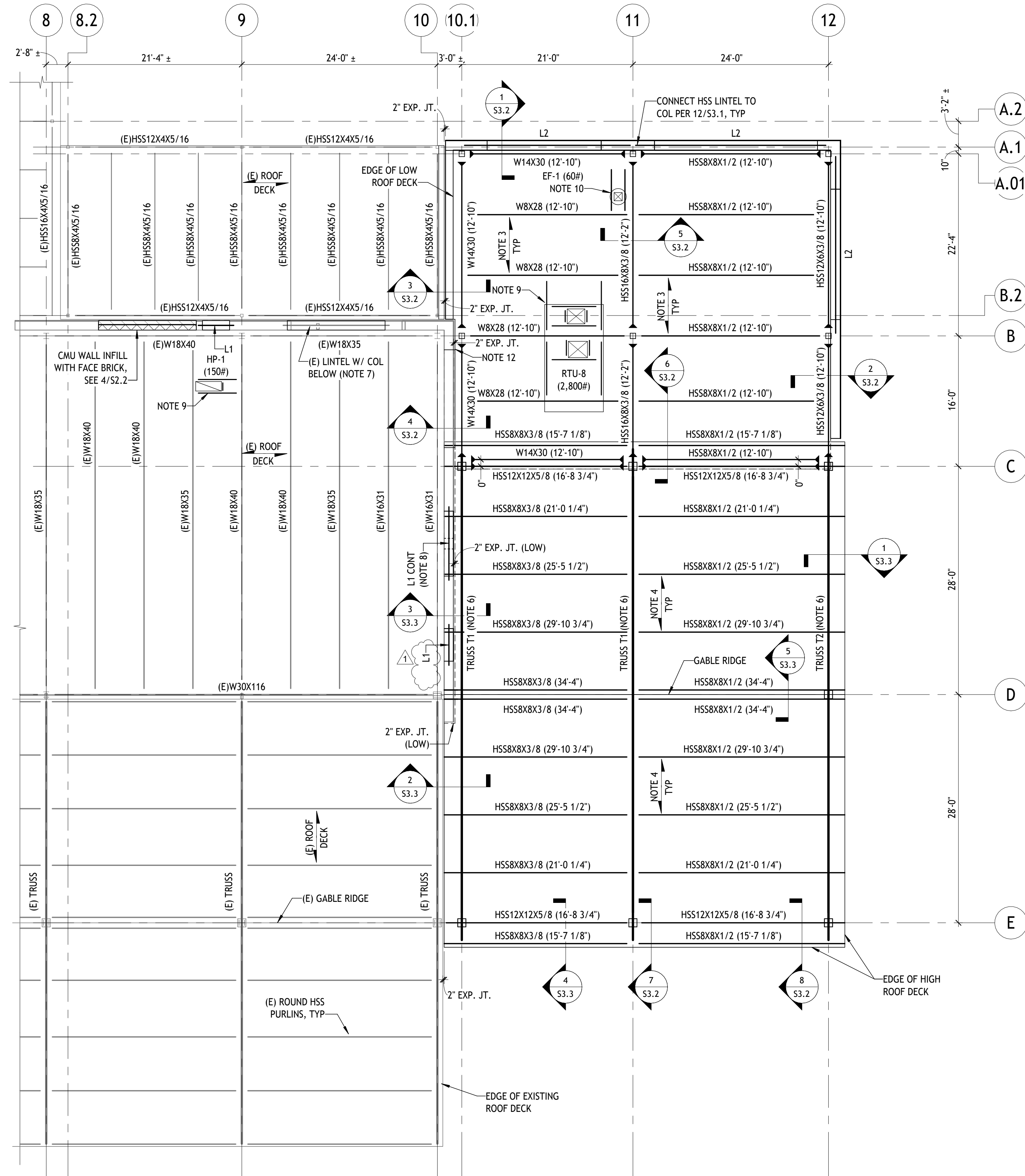
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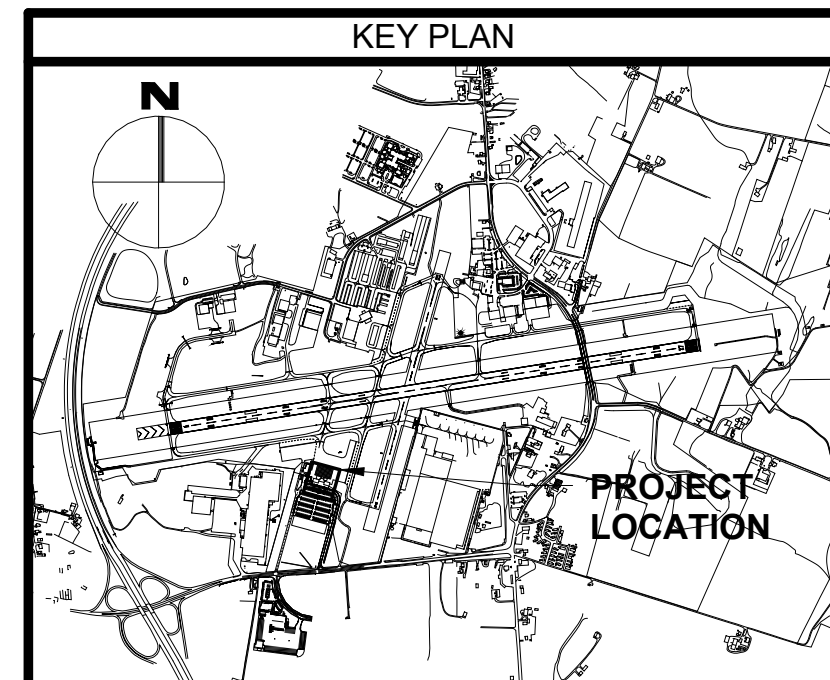
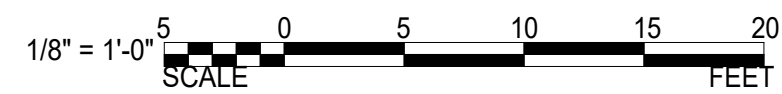
BID SET

SHEET No.:

S1.1
70 OF 102



- A**
- ROOF FRAMING PLAN**
- 1/8" = 1'-0"
- PLAN NOTES**
- REFERENCE ELEVATION MEASURED FROM TOP OF SLAB ON GRADE DATUM = (0'-0"). SEE S1.1 FOR ACTUAL TOP OF SLAB ON GRADE ELEVATION.
 - ELEVATIONS ARE NOTED AS FOLLOWS, MEASURED FROM THE REFERENCE ELEVATION (X'-X") INDICATES TOP OF STEEL/BOTTOM OF DECK.
 - TOP OF LOW ROOF DECK = (+13'-7 1/2"). STRUCTURAL ROOF SHALL CONSIST OF TORIS 5.5A x 20 GA ACOUSTIC ROOF DECK, BY EPIC METALS. SEE DETAIL 5/S3.1 FOR DECK ATTACHMENT.
 - TOP OF GABLE ROOF DECK VARIES. STRUCTURAL ROOF SHALL CONSIST OF TORIS 5.5A x 20 GA ACOUSTIC ROOF DECK, BY EPIC METALS. SEE DETAIL 5/S3.1 FOR DECK ATTACHMENT.
 - NOTATIONS ON THE PLANS DESIGNATE THE FOLLOWING:
 - BEAM TO COLUMN OR GIRDER FULLY DEVELOPED MOMENT CONNECTION.
 - LX LINTEL MARK, SEE SCHEDULE ON 13/S3.1.
 - TRUSSES T1 & T2 CONSISTS OF HSS12X12 CHORD AND WEB MEMBERS. SEE SHEET S3.4 FOR TRUSS PROFILES, DIMENSIONS, AND WORKING POINTS. TRUSSES ARE CLASSIFIED AS ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS), SEE GENERAL NOTES AND PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - FIELD VERIFY (E) LINTEL W8x15 INTACT WITH 8" MIN BEARING AT EACH END PRIOR TO COLUMN REMOVAL. GRIND SMOOTH UNDERSIDE OF LINTEL AT COLUMN CONNECTION. SEE S1.1 FOR ADDITIONAL COLUMN REMOVAL INSTRUCTIONS.
 - REMOVE EXISTING WALL AND REBUILD PIER BETWEEN ADJACENT OPENINGS. PROVIDE L1 LINTEL CONTINUOUS OVER PIER PER NOTE 7.
 - PROVIDE ANGLE FRAME BELOW MECHANICAL EQUIPMENT PER 8/S3.1. SEE NOTE 11.
 - REINFORCE DECK AT FAN OPENING PER 10/3.1. SEE NOTE 11.
 - MAXIMUM ROOFTOP EQUIPMENT WEIGHTS SHOWN ON PLAN. IF ACTUAL WEIGHT EXCEEDS THAT SHOWN, CONTACT ENGINEER OF RECORD FOR FURTHER REVIEW PRIOR TO PURCHASE AND INSTALLATION.
 - CRACKING IN EXISTING BRICK VENEER. REMOVE AND REPLACE CRACKED BRICK UNITS AND POINT MORTAR JOINTS AS REQUIRED.





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License No. 57724
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DESIGNED: MJM		No.	DATE	DESCRIPTION
		Rev 1	06.17.2025	Revised (Addendum No. 3)
DRAWN: MJM				
CHECKED: CRF				
APPROVED: BTS				



**HAGERSTOWN
REGIONAL AIRPORT**
Washington County, MD

PROJECT TITLE:
TERMINAL BUILDING EXPANSION

SHEET TITLE:
ROOF FRAMING PLAN

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

DATE:
MAY 2025

FAA AIP No.: 3-24-0019-XX-2025
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BID SET

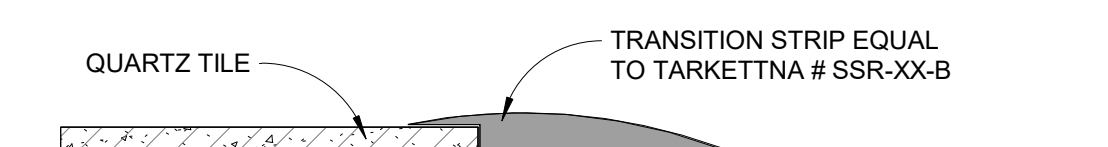
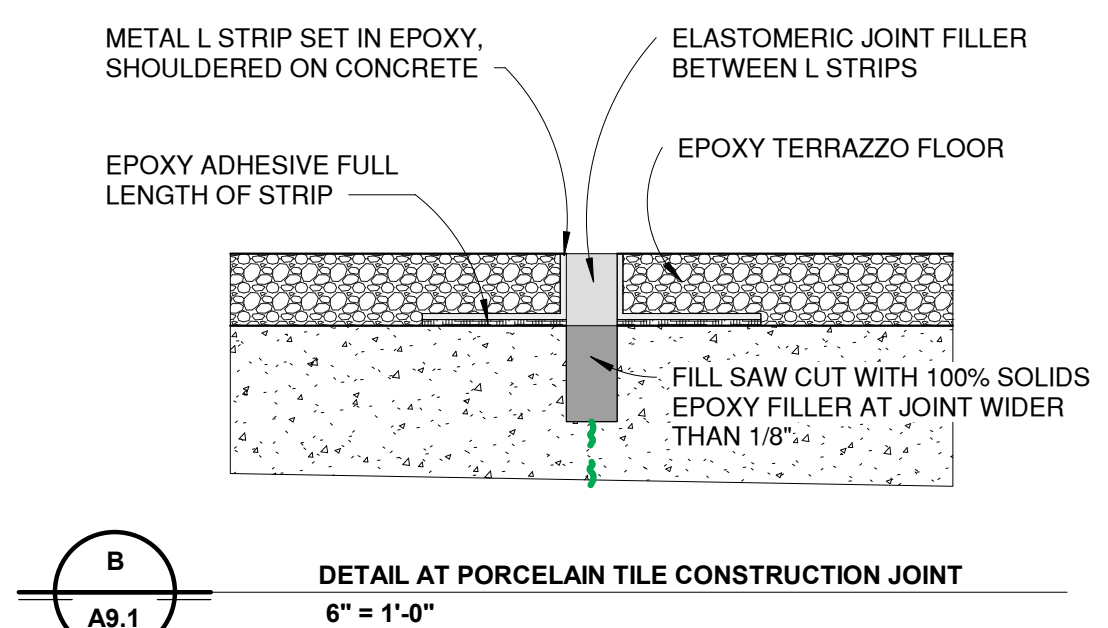
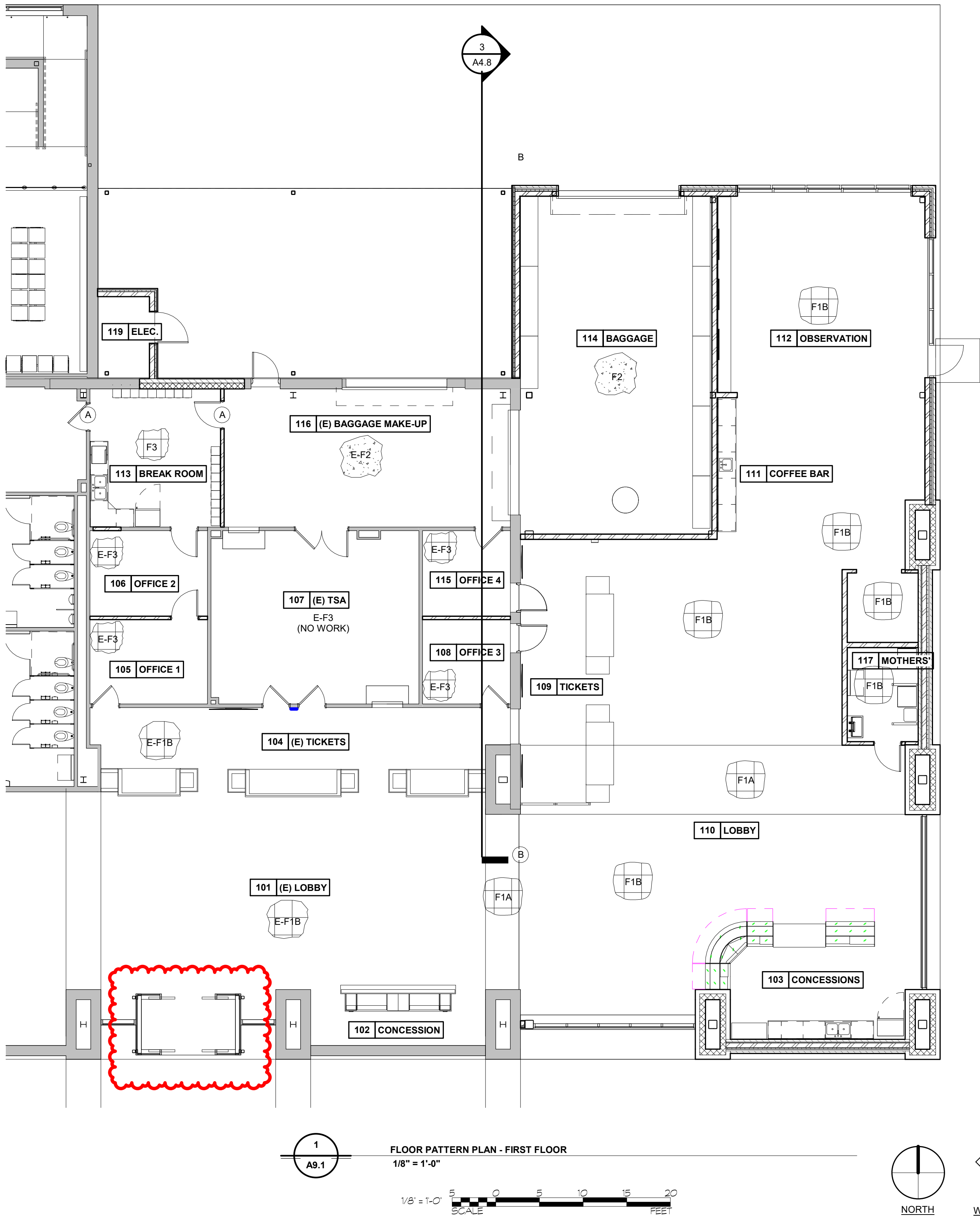
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71 OF 102

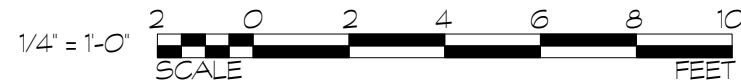
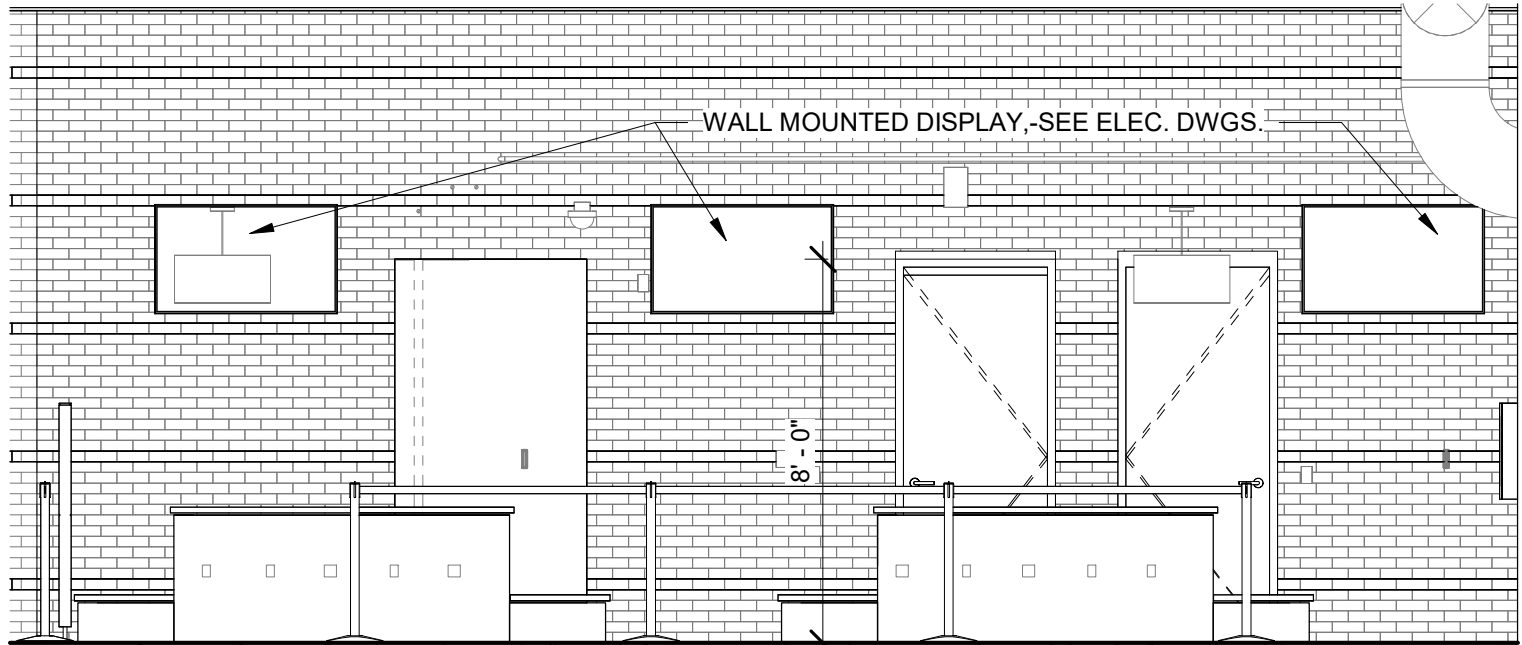
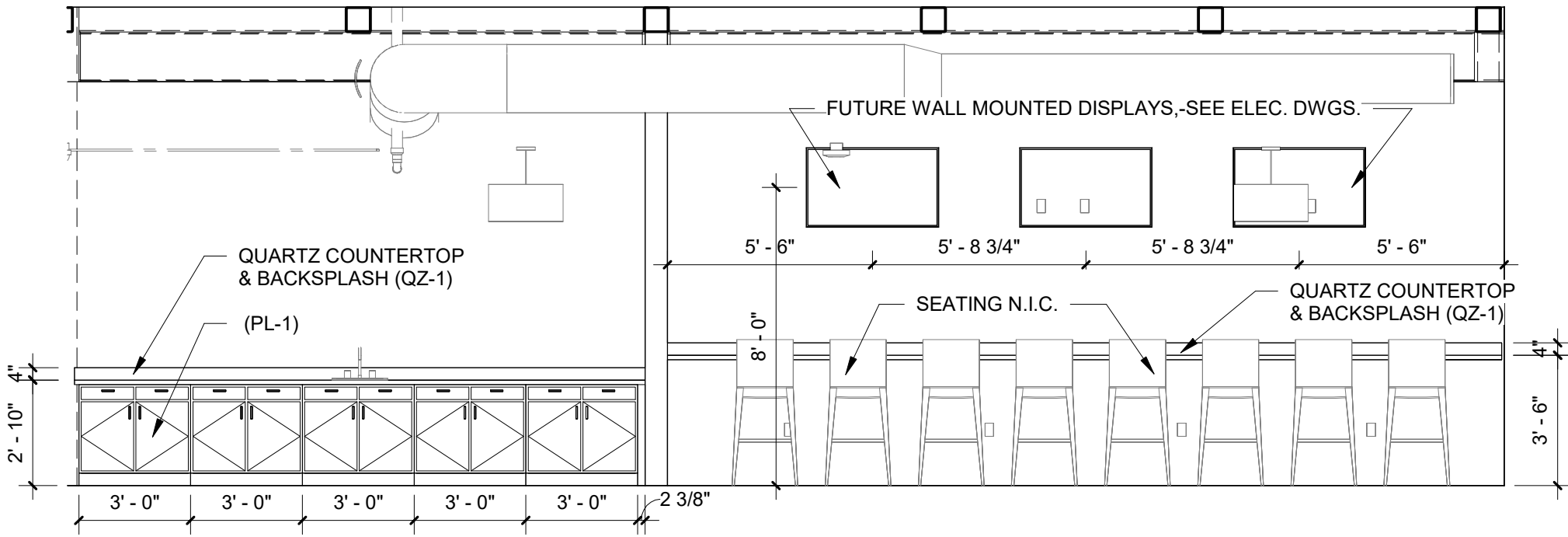
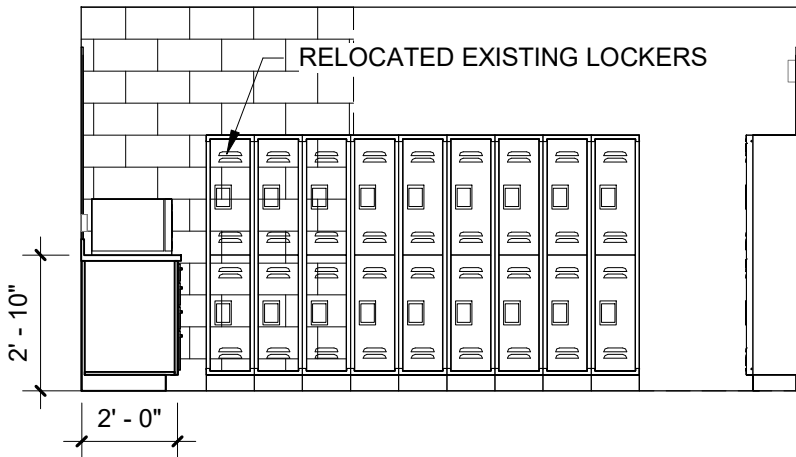
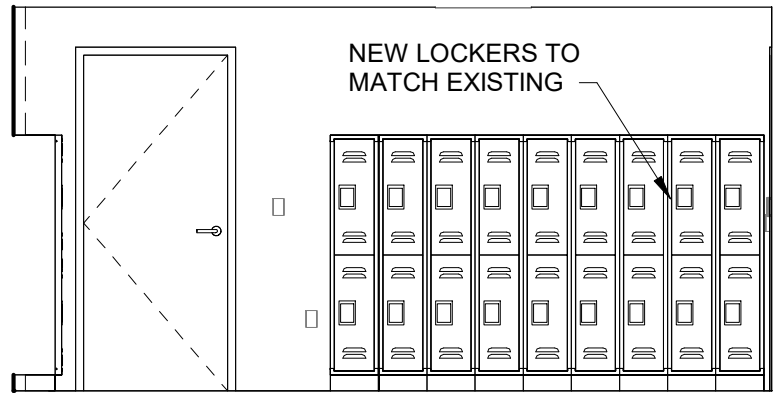
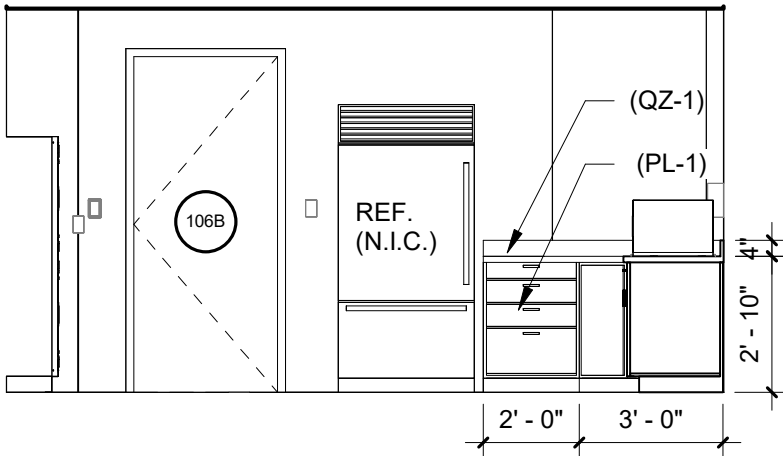
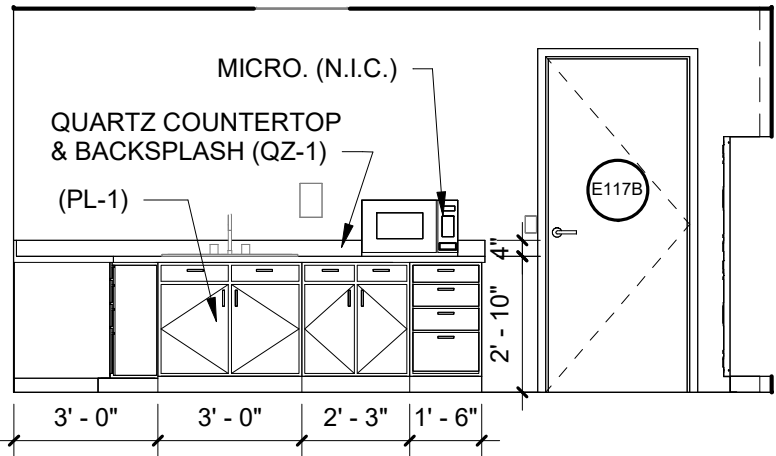
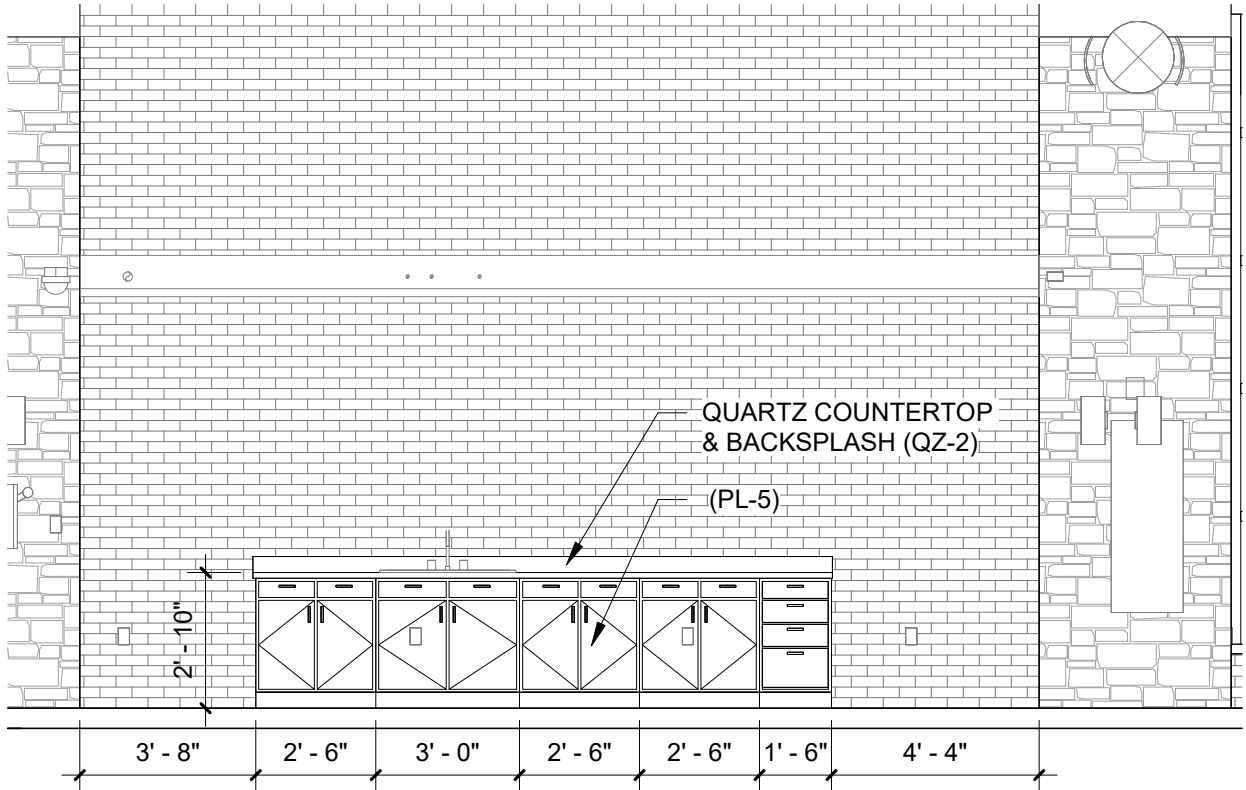
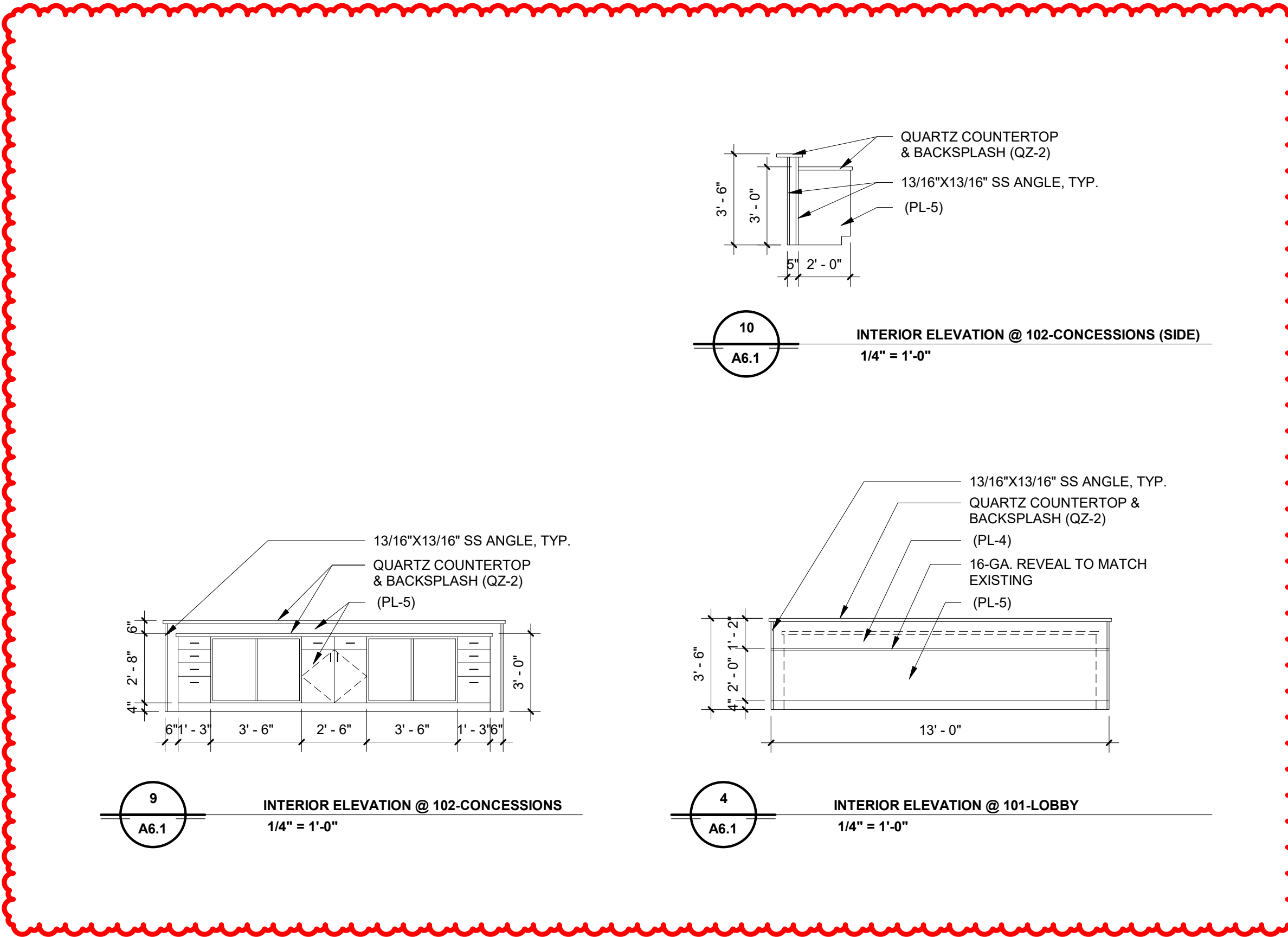
Attachment D

[illegible]

NOTES

1. REFER TO DRAWING A9.1 FOR FLOOR PATTERN PLAN.
2. PROVIDE WALL TYPE W2 UP TO 4'-0" AFF WITH TRIM TOP CAP.
3. PATCH AND REPAIR FLOOR AND BASE AS NEEDED.
4. PATCH AND REPAIR NEW OPENINGS AS NEEDED.





Attachment B

