

Public Works Project No. 89006007-23-034-C1

I-70 WB Centerville Welcome Center  
INDOT

**ADDENDUM NO. 1**

October 1, 2024

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Project Drawings and Manual dated August 2024 for above referenced project are amended as noted in this Addendum.

Receipt of this Addendum shall be acknowledged on the Bid Form.

This Addendum Consists of: (10) General Information Sheets, Revised Notice to Bidders, (2) Revised Pavement Design Sheets, (3) Addendum Sheets, (2) Specification Sheets and (11) Drawing Sheets.

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**GENERAL INFORMATION**

Pre-Bid Meeting Minutes Dated September 25, 2024 (4 sheets, attached)

Pre-Bid Meeting Sign-in Sheet (3 sheets, attached)

Current List of Plan Holders (1 sheet, attached)

Response to RFIs (2 sheets, attached)

**REFER TO SPECIFICATIONS – VOLUME #2**

Items changed or added by this Addendum are to take precedence over the items or descriptions of the work in the project manual and drawings. Items not mentioned in this Addendum are to remain as described in the original plans and specifications.

**Item No. 1-A1:**

**Section 04 42 16 Exterior Stone Cladding**

Add:

Paragraph 2.01-B, Below Information:

- a. Granite: Acceptable Producer/Supplier: Polycor: [www.polycor.com/#sle](http://www.polycor.com/#sle)
  - i. Granite Thickness: 3 5/8" as indicated on drawings
  - ii. Granite Type: American Black
    1. Quarry Location: Elverson, PA
    2. Absorption by Weight: 0.023 maximum percentage; ASTM C97/C97M
    3. Density: 192.3 lbs/cu ft (3,080.35 kg/cu m), ASTM C97/C97M
    4. Compressive Strength: 43,524 psi (24.5 MPa), minimum; ASTM C170/C170M
    5. Flexural Strength: 3,560 psi (24.5 MPa), minimum; ASTM C880/C880M
    6. Modulus of Rupture: 3,799 psi (26.19 MPa), minimum; ASTM C99/C99M
    7. Finish: Honed

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- Item No. 2-A1:**                    **Section 07 30 10 Metal Soffit Panels**  
Add:                                    Paragraph 2.01-A, Longboard Architectural Products as approved manufacturer.
- Item No. 3-A1:**                    **Section 08 63 00 Metal-Framed Skylights**  
Add:                                    Paragraph 2.01-B, Velux Commercial Skylights as approved manufacturer.  
a.    Pinnacle Single Pitch Series 600
- Item No. 4-A1:**                    **Section 09 54 26 Suspended Wood Ceilings**  
Add:                                    Paragraph 2.01-A, CertainTeed Architectural as approved manufacturer.
- Item No. 5-A1:**                    **Section 09 84 30 Sound-Absorbing Felt Baffles**  
Add:                                    Paragraph 2.01-A, Frasch as approved manufacturer.

**REFER TO SPECIFICATIONS – VOLUME #1**

- Item No. 6-A1:**                    **Section 01 3216 Construction Progress Schedule**  
Replace:                                Replace Sheets related to Section 01 3216 with attached Sheets Section 01 3216.

**REFER TO DRAWINGS**

- Item No. 7-A1:**                    **Drawing Set #1, Sheet M3-1 WELCOME CENTER HVAC FLOOR PLAN**  
Replace:                                Replace Sheet M3-1 with attached Sheet M3-1  
Revise ductwork in mechanical room for better access to energy recovery ventilators. Change size and duct layout of HP-101.
- Item No. 8-A1:**                    **Drawing Set #1, Sheet M6-1 MECHANICAL SCHEDULES**  
Replace:                                Replace Sheet M6-1 with attached Sheet M6-1  
Revise Geothermal Heat Pump Schedule to identify changes related to R-454B refrigerant.
- Item No. 9-A1:**                    **Drawing Set #1, Sheet P3-1 WELCOME CENTER PLUMBING FLOOR PLAN**  
Replace:                                Replace Sheet P3-1 with attached Sheet P3-1  
Add water makeup and hose bib in Mech 106.
- Item No. 10-A1:**                    **Drawing Set #2, Sheet M1-2 TRUCKER RESTROOM HVAC PLANS**  
Replace:                                Replace Sheet M1-2 with attached Sheet M1-2  
Revise size and shape of MAU-TR1 to match changes related to R-454B refrigerant.
- Item No. 11-A1:**                    **Drawing Set #2, Sheet M6-1 MECHANICAL SCHEDULES**  
Replace:                                Replace Sheet M6-1 with attached Sheet M6-1  
Revise Packaged Geothermal Make Up Air Handler Schedule to identify changes related to R-454B refrigerant.
- Item No. 12-A1:**                    **Drawing Set #4, Sheet L-201**  
Replace:                                Replace Sheet L-201 with attached Sheet L-201  
Added ash receptacle by trucker restroom.

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- Item No. 13-A1:**                    Drawing Set #4, Sheet L-602  
Replace:                    Replace Sheet L-602 with attached Sheet L-602  
Added ash receptacle by entrance to Welcome Center.
- Item No. 14-A1:**                    Drawing Set #4, Sheet L-708  
Replace:                    Replace Sheet L-708 with attached Sheet L-708  
Increased size of sculpture base.
- Item No. 15-A1:**                    Drawing Set #5, Sheet C103  
Replace:                    Replace Sheet C103 with attached Sheet C103  
Revised Legend Items A and A1 per revised pavement design due to change in  
INDOT Binder Specifications.
- Item No. 16-A1:**                    Drawing Set #5, Sheet C104  
Replace:                    Replace Sheet C104 with attached Sheet C104  
Revised Legend Items A and A1 per revised pavement design due to change in  
INDOT Binder Specifications.
- Item No. 17-A1:**                    Drawing Set #5, Sheet C105  
Replace:                    Replace Sheet C105 with attached Sheet C105  
Revised Legend Items A and A1 per revised pavement design due to change in  
INDOT Binder Specifications.

I-70 WB Centerville Welcome Center  
PWP # 89006007-23-034-C1

Pre-Bid Meeting Minutes

10:00 AM; Wednesday; September 25, 2024

1. Introduction of Attendees – See attached sign in Sheet.
2. Review of Bidding Requirements:
  - A. All bids are due on October 9, 2024 by 1:31 p.m. Indianapolis Time. There will be a virtual bid opening ~~immediately after that~~ at 2 PM. All bids shall be submitted electronically. Reference Notice to Bidders for requirements. Submit bid form and Alternate & /Unit prices only as one e-mail. Submit any additional and supporting information as a second e-mail.
  - B. Bidder is required to submit quantities and unit prices for all Civil Work related items per Indiana Department of Transportation (INDOT) on a separate sheet attached to bid form.
  - C. Hand delivered and mailed bids will not be accepted.
  - D. Bid form shall be completely filled out. No additions or deletions shall be permitted.
  - E. Alternate and unit prices shall be on a separate sheet attached to bid form.
  - F. Contractor shall verify with State of Indiana their certification requirements. Bidding contractor shall be prequalified before bid. Subcontractors in amount of \$150,000.00 and over shall have prequalification in place before contract is issued. Bids submitted by contractors without proper certification will not be opened.
  - G. Bid amounts shall be written both numerically and in script, if there is any discrepancy in the two numbers the script amount shall govern.
3. All questions not clearly answered by the drawings or in the project manuals will be clarified in an addendum.
4. Project Start and finish – It is anticipated that the selected contractor shall have a contract in approximately 45 days from bid date and the Notice to proceed will follow shortly after that. **Ground breaking ceremony is anticipated before November 5, 2024.**
5. The Contractor shall have full use of the site. The owner will not occupy the site until the project is substantially complete.
6. The contract documents indicate what materials can be used on the project. All substitution requests shall be submitted 7 days prior to bid date (Wednesday, October 2, 2024). Approved items will be added by Addendum.
7. Commissioning requirements are listed on the drawings. Owner will engage a commissioning agent and compensated out of the Commissioning allowance. **Allowance amounts identified in the Bid Documents are for the specific items only and does not include Contractor markups. Therefore, any Contractor markups shall be included in the Base Bid.**
8. The first addendum will be issued October 1, 2024 and will include pre-bid meeting minutes. The Second addendum will be issued as soon as possible and will include any substitution request items not in previous addendums. Addendums will be issued by e-mail to those plan recipients that received Bid Documents access from our office. Contractors that obtained plans from other sources should check with those sources for the addendum or contact our office to be added to the distribution list.

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9. The Contractor's Drug and Alcohol Testing Policy must be included in the bid. Stating that policy is on file is not acceptable.
  10. MBE, WBE and IVOSB Participation goals are indicated on the notice to bidders.
  11. Contractor shall include all costs required to obtain local building permit. USACE Regional General Permit, IDEM Water Quality Certification, IDEM Isolated Wetland Permit and IDEM SWGP are responsibility of the Owner. **SWGP has been received and NOI has been provided to all plan holders. IDEM WQC is anticipated on or before October 31, 2024.** Any other permits required to complete the project are the responsibility of the Contractor to obtain. The Contractor shall bear all costs including the permit fees and other bonding requirements.
  12. Storm water measures must be in place before construction can begin. **Wetlands shall be protected as identified on the plans.**
  13. Contractor shall maintain all existing utilities on site for their use during construction and coordinate with utilities representatives as needed. Please review Specifications Volume #5 of 5 for utilities requirements. **Contractor shall be responsible for utility costs throughout the duration of the construction.**
  14. Project is 100% State Funded. Contractor is not required to comply with Build America Buy America Act.
  15. DAPW 12 Form for minority participation must be submitted with pay apps to be processed for payment.
  15. Owner Team Comments:
    - a. John Grimes, IDOA, Public Works Division – **Contractor shall submit the Pay Application with all necessary documents to JSE for review. JSE will forward to John for final approval.**
    - b. Steve McAvoy, Statewide Facilities Director, INDOT – **Contractor need to adhere to INDOT and IDOA requirements as well as coordination with INDOT Greenfield District Construction due to ongoing I-70 Design Build Projects.**
  16. Design Team Comments.
    - a. Imtiyaz Dalal, Janssen & Spaans Engineering – **Presented Drawing Set #5 and Specifications Volume 1 and 5.**
    - b. Travis Rodgers, Janssen & Spaans Engineering – **Presented the testing and storm water measures implementation and maintenance requirements per INDOT and IDEM guidelines. See attached.**
    - c. Mike Montgomery, KrM Architecture – **Presented Drawing Set #1 thru 3 and Specifications Volume 2**
    - d. Keith Sattler, RATIO – **Presented Drawing Set #4 and Specifications Volume 4**
    - e. Dave Marshall, Applied Engineering – **Presented HVAC and Plumbing for Drawing Set #1 thru 3 and Specifications Volume 3**
  17. INDOT Comments.
    - a. Darryl Wineinger – INDOT Pay Items, Specifications and Testing Requirements – **Contractor shall not include any unit prices with the pay items and quantities. This information is requested for determining the need for testing frequency based on material records.**
    - b. James Colonis – Maintenance of Traffic and Damage to INDOT Property – **INDOT staff will be available for any maintenance of traffic coordination with I-70 Design Build projects. Contractor shall follow INDOT reimbursement guidelines for any damage to maintenance of traffic items as well as INDOT property.**
    - c. Fielding Tipton – Additional INDOT Items – **INDOT will assist towards additional testing need.**
    - d. Daniel Corbin – I-70 Design Build Projects updates and Coordination Requirements – **I-70 Design Build project in the vicinity of the Welcome Center project is scheduled to be awarded in**

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February 2025. Contract documents incorporated the need for maintenance of traffic and other coordination for this project. Welcome Center Contractor shall coordinate with the successful Design Build Contractor.

18. GENERAL REVIEWS OF PROJECT DRAWINGS AND MANUAL

a. Review of Drawing packages.

1. Drawing Set # 1
  - a. Welcome Center
  - b. Specifications Volumes 1 2 & 3
2. Drawing Set # 2
  - a. Trucker Restroom
  - b. Specifications Volumes 1 2 & 3
3. Drawing Set # 3
  - a. Maintenance Building
  - b. Specifications Volumes 1 2 & 3
4. Drawing Set # 4
  - a. Landscape Architecture
  - b. Specifications Volumes 4
5. Drawing Set # 5
  - a. Civil Site
  - b. Specifications Volumes 1 & 5

18. Contractor Questions:

- a. Is there an earthwork table included and/or site is balanced? – Earthwork Table is not included. Determining the earthwork quantity based on the final grading plans is Contractor responsibility. Successful Contractor will be provided with the final grading model.
- b. Plan Holders List available? – It will be provided with the Addendum #1. E & B Paving and Reith Riley will be added to the list and will be provided with the Bid Documents when email request is received.
- c. Will there be a local road improvement related allowance? – There will not be any allowance for local road related improvements due to no access from the local roads and all ingress/egress shall be from I-70.

# Comments from the Engineer's inspector

## Centerville Welcome Center; Pre-bid meeting

1. The contractor should consider storm water management when preparing their bid.
  - a. Contractor is responsible for maintaining the Storm Water Pollution Prevention Plan, including circulating updates to the site owner, site owner representative (JSE), and especially the IDEM plan reviewer for this area.
  - b. The contractor is responsible for installing and maintaining the BMPs on-site per the SWPPP.
  - c. Per the IDEM rule five general permit, the site must be inspected weekly, and after every rain event of .5 inch or greater by a qualified inspector, this is also the contractor's financial responsibility.
  - d. The contractor needs to respond to each weekly SW report and implement up-stream BMPs.
  - e. While there is an allowance for SW inspection, BMPs and site-maintenance are the financial responsibility of the contractor.
  - f. There **WILL BE** changes, improvements, and additional features added to the SWPPP throughout the life of the contract.
  - g. To achieve the above the contractor should set up an SWM team in the beginning that meet monthly or as needed to maintain the site
2. INDOT Standard Specifications 2024 apply to all aspects of the civil site and construction:
  - a. All material testing is to be done per the frequency called out in the 2024 standard specifications.
  - b. While I will be inspecting weekly, the contractor is responsible for providing all testing at the frequency called out for each material.
  - c. Material tickets need to be shared with the on-site materials tester and JSE as soon as the contractor receives them so that we can meet the frequency requirements for testing.
  - d. All methods called out in the standard specifications must be adhered to... such as trench backfill methods, earth work compaction, temporary mulching, etc..
  - e. Testing must be performed by personnel with active INDOT field testing qualifications.
3. The contractor needs to have the IC-203 form completed and approved before they break ground. If later-on they decide to take fill or waste material of any kind anywhere else, then they need to submit a new form to JSE and receive approval from the site owner first.

## Sign-In Sheet for Pre-Bid Meeting – I-70 WB Centerville WC; PWP # 89006007-23-034-C1

Wednesday, September 25, 2024; Time: 10:00 AM; Location: Janssen & Spaans Engineering

Name – Print	Representing Agency	Phone Number	Email
IMTYAZ DALAL	JSE	317-254-9686	IDALAL@JSENGR.COM
Russel Reynolds	JSE	317-254-9686	RREYNOLDS@JSENGR.COM
Francis Rodgers	JSE	317-964-9544	frodgers@jseengr.com
John Grimes	IDOA	317-234-8691	Johngrimes@Idoa.in.gov
Steve McAvooy	INDOT	317-489-1955	SMCAVOOY@INDOT.IN.GOV
JAMES COLONIS	INDOT	317-650-3041	jcolonis@indot.in.gov
CHRIS POLAND	PARSONS	317-616-1023	CHRISTOPHER.POLAND@PARSONS.COM
Chris Grabosky	Maxwell Construction	614-312-8810	CGRABOSKY@MAXWELLBUILDS.COM
FEELDIA TAYTON	INDOT GREENFIELD	Attended via Teams	
ANDREW WORTKOETTER	INDOT GREENFIELD	Attended via Teams	
SUSAN CASTLE	METRIC GREENFIELD	Attended via Teams	
DANIEL CORBIN	INDOT MAJOR PROJECTS	Attended via Teams	
MIKE COMPTON	RIETH RILEY	Attended via Teams	





Name - Print	Representing Agency	Phone Number	Email
DAVID NOBBE	MILESTONE CONTRACTORS	317-408-8345	David.NOBBE@MilestoneLP.com
Wes Readinger	Hannig Construction	812-235-6218	wreadinger@hannigconstruction.com
Scott Hester	Milestone Contractors	765-914-4512	scott.hester@milestonelp.com
Seth Porter	Hannig Construction	812-236-4396	sporter@hannigconstruction.com
Keith Sattler	RATIO	805-284-2673	ksattler@ratio-design.com
DARRELL WINEINGER	INDOT - TSD	317-410-8026	dwineinger@indot.in.gov
Barry Hochstedler	GEISER & PETERS	317-6359-9521	barry@gpsteel.com
JESSE VAUENCOURT	LYNCH, HARRISON & BRUNING	317-550-2993	JVAUENCOURT@LHB-ENG.COM
Matt McCullough	F.A. Wilhelm	317-909-6885	mattmccullough@fawilhelm.com

## I-70 WB Centerville Welcome Center Plan Holder List (PWP # PWP# 89006007-23-034-C1)

Electronic Bid: 10/9/2024; Pre-Bid Meeting: 10:00 AM; Wednesday, 9/25/24

Number	Name	Organization	Contact Info	Plans Delivered
1	Kendall Bales	Maxwell Construction	<a href="mailto:kbales@maxwellbuilds.com">kbales@maxwellbuilds.com</a>	9/16/2024
2	Lisa Trusler	Hannig Construction Inc.	<a href="mailto:ltrusler@hannigconstruction.com">ltrusler@hannigconstruction.com</a>	9/17/2024
3	Brad Yoder	R. Yoder Construction	<a href="mailto:brad@ryoderconstruction.com">brad@ryoderconstruction.com</a>	9/19/2024
4	Cyndi Thornton	The Builders Exchange, Inc.	<a href="mailto:CThornton@bxohio.com">CThornton@bxohio.com</a>	9/19/2024
5	Kristal Amad	Dodge Construction Network	<a href="mailto:Kristal.Amad@construction.com">Kristal.Amad@construction.com</a>	9/19/2024
6	David Slusser	Earth Images, Inc.	<a href="mailto:DavidS@earthimagesinc.com">DavidS@earthimagesinc.com</a>	9/20/2024
7	Anne Castellarin	Korellis	<a href="mailto:acastellarin@korellis.com">acastellarin@korellis.com</a>	9/20/2024
8	Molly Burns	F.A.WILHELM	<a href="mailto:MollyBurns@fawilhelm.com">MollyBurns@fawilhelm.com</a>	9/23/2024
9	Amy Hughes	Milestone	<a href="mailto:AHughes@milestonelp.com">AHughes@milestonelp.com</a>	9/23/2024
10	Joe Schmidt	KNEW Solutions	<a href="mailto:knewsolutionsllc@gmail.com">knewsolutionsllc@gmail.com</a>	9/23/2024
11	Barry Hochstedler	Geiger & Peters	<a href="mailto:hochstedler@gpsteel.com">hochstedler@gpsteel.com</a>	9/24/2024
12	Ronny Gauldin	Blackmore & Buckner Roofing	<a href="mailto:RGauldin@tectaaamerica.com">RGauldin@tectaaamerica.com</a>	9/25/2024
13	Tony Evans	E&B Paving	<a href="mailto:tony.evans@ebpaving.com">tony.evans@ebpaving.com</a>	9/25/2024
14	Eric Jordan	Reith Riley	<a href="mailto:ejordan@rieth-riley.com">ejordan@rieth-riley.com</a>	9/26/2024
15	James Baah	Constructconnect	<a href="mailto:James.Baah@Constructconnect.com">James.Baah@Constructconnect.com</a>	9/26/2024
16	Brad Whitaker	RLTurner	<a href="mailto:bwhitaker@rlturner.com">bwhitaker@rlturner.com</a>	9/26/2024

Not Bidding

## Dalal, Imtiyaz

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**From:** Tony Evans <tony.evans@ebpaving.com>  
**Sent:** Monday, September 30, 2024 3:43 PM  
**To:** Dalal, Imtiyaz  
**Cc:** Jared Hill  
**Subject:** Re: Public Works Project No. 89006007-23-034-C1 (I-70 WB Centerville Welcome Center Wayne)

You don't often get email from tony.evans@ebpaving.com. [Learn why this is important](#)

Imtiyaz,

We have some questions on the existing Concrete Lot repairs related to the "Existing Pavement Treatment Notes" on sheet C800. Our questions relate to notes 1 thru 4

1. It is difficult to give a firm bid without giving us quantities, would you consider giving us quantities of full depth patching?
2. No questions on note 2
3. It is difficult to give a firm bid without giving us quantities, would you consider giving us quantities for re-sealing joints?
4. It is difficult to give a firm bid without giving us quantities, would you consider giving us quantities for pop-out repair and joint repair?

Part of our concern is that it will be two years before this work is completed and how much damage will occur with two more winter seasons? This work will be difficult to bid without some assurances of quantities or unit price assurances

Please feel free to call if you have any questions or would like to discuss

Thanks,

Tony

**Tony N. Evans**

*Vice President*

286 West 300 North

Anderson, Indiana 46012

MOBILE: 765-744-2239

[tony.evans@ebpaving.com](mailto:tony.evans@ebpaving.com)

**RESPONSES TO ABOVE QUESTIONS:** We recommend all bidders visit the site that may eliminate some of the RFI items.

1. All patching locations have been identified in the plan sheets. Any additional locations at the time of construction will be compensated via Proposal Request. Please include Unit Price for Partial and Full Depth Patching in your bid for future use.

2. OK.

3. Consider all existing joints to remain to be resealed. Please include Unit Price for joint seal in your bid for future use.

4. Consider 1000 LFT for Bid purpose. Any additional quantities will be compensated via Proposal Request. Please include Unit Price for Joint Repair in your bid for future use.

**RFI LOG**

#	Sheet	Spec	Question	Answer
1	WC/A1-1 & WC/A6-5		Section 2 on WC/A6-5 indicates 8" polished CMU, but the wall hatching on sheet WC/A1-1 indicates 8" standard CMU. Which is correct?	That area where 2/A6-5 is cut through should be standard CMU, WC/A1-1 is correct.
2		01 3216	This spec section appears to be from another project. Can a revised specification for this project be provided?	See attached revised spec
3			Is there an AutoCad file available that can be used to calculate cut/fill quantities for the earthwork?	Response to be provided asap.
4	WC/A4-2		Note 27 in detail 7 calls for full depth granite. We cannot locate the following information: supplier, color & finish. Can this be provided?	Granite to be: American Black, Honed Finish. Manufacturer/Supplier: Polycor. Depth 3 5/8"
5	L-508		Can application rates or weights be provided for the native seeding?	Response to be provided in future Addendum asap.
6				
7				
8				
9				
10				



## STATE OF INDIANA

ERIC J. HOLCOMB, Governor

### DEPARTMENT OF ADMINISTRATION

Public Works Division  
402 West Washington Street, Room W462  
Indiana Government Center – South  
Indianapolis, Indiana 46204-2746  
PHONE: (317) 232-3001

## NOTICE TO BIDDERS

BY STATE OF INDIANA DEPARTMENT OF ADMINISTRATION, PUBLIC WORKS DIVISION FOR A PUBLIC WORKS CONSTRUCTION PROJECT ESTIMATED AT ONE HUNDRED FIFTY THOUSAND DOLLARS OR ABOVE

SECURED ELECTRONIC BIDS FOR:

**Public Works Project No. 89006007-23-034-C1**

**I-70 WB Centerville Welcome Center Wayne County**

will be received from Contractors, holding a current Certificate of Qualification, at Department of Administration, Public Works Division Email Bid Box-[publicworks bids@idoa.in.gov](mailto:publicworks bids@idoa.in.gov)  
(note, do not cc: any other party)

Subject line MUST contain “Bid- 89006007-23-034-C1; - (I-70 Centerville Welcome Center) - (Your firm)”

Bid File (PDF) MUST be named-“(Bidding Firm name) Bid-89006007-23-034-C1; - (I-70 Centerville Welcome Center)” and not exceed 9Mb

Until ~~4:34~~<sup>1:01</sup> P.M (Indianapolis Time), ~~Wednesday, October 9,~~<sup>23</sup> 2024, after which all bids will be publicly opened and read online in a Microsoft Teams Live Event- <https://on.in.gov/h8bfp>

Minority Contractors are encouraged to submit bids on this project as a prime contractor or through a prime contractor.

PDF Copies of the detailed Instructions to Bidders and Drawings and/or Specifications dated August, 2024 may be obtained from the office of: Janssen & Spaans Engineering, Inc.; 9120 Harrison Park Ct., Indianapolis, IN 46216; Phone: 317-254-9686, Ext. 277; Email: [idalal@jsengr.com](mailto:idalal@jsengr.com).

Bids shall be taken from Prime Contractors pre-qualified by the Public Works Certification Board in the following classification(s): 1542.00A – Institutional Buildings > \$10,000,000 and 1611.01 or 1771.01 Concrete Construction.

The Specified construction period is 730 calendar days. The State of Indiana reserves the right to reject any and all bids.

Project Goal of 7% MBE, 5% WBE and 3% IVOSB. Link: <https://www.in.gov/idoa/mwbe/2494.htm>

### Project Manager:

John Grimes, Project Manager, DAPW (317) 234-8691 [johgrimes@idoa.in.gov](mailto:johgrimes@idoa.in.gov)

John Grimes

### Director of Public Works:

Robert Grossman, Director

Pre-Bid Information: A Mandatory Pre-Bid Meeting shall be held in Conference Room 1 of Janssen & Spaans Engineering, Inc.; 9120 Harrison Park Ct., Indianapolis, IN 46216 on September 25, 2024, at 10:00 AM (EST)



# INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

ADDENDUM #1

100 North Senate Avenue  
Room N758 - Engineering  
Indianapolis, Indiana 46204

PHONE: (317) 232-5347

Eric Holcomb, Governor  
Michael Smith, Commissioner

December 20, 2023

## MEMORANDUM

TO: Abel Powers,  
INDOT Project Manager

THRU: Kumar Dave, P.E. *kpd 12/20/2023*  
Manager, Office of Pavement Engineering

FROM: Nicholas Cosenza, P.E.  
Pavement Engineer, Office of Pavement Engineering



*Nicholas Cosenza*  
12/20/23

SUBJECT: Final Abbreviated Pavement Analysis and Design  
CONTRACT: **R-45256** Wayne County  
RE: **Des 2000500 - I 70 Centerville Welcome Center Renovation**  
CATEGORY: Rest Area Modernization Project  
COST: \$22,775,742.00  
LETTING: Spring 2023  
PURPOSE: Pavement Replacement

This memorandum addresses the pavement design for the pavement widening and reconstruction at the Centerville Welcome Center Renovation.

### Pavement Scope

The pavement of the welcome center was originally constructed in the 2010s. The entire rest area was constructed with 14" of jointed concrete on 9" of subbase for PCCP. During preliminary site visits, the existing pavement was observed to be in good condition with some areas of full depth replacement required primarily around the existing car parking area adjacent to drainage structures. With the proposed site reconfiguration, additional new pavement and widening of the existing pavement will be required.

### Recommendations

All designs are consistent with the Indiana Design Manual, Part 6 "Pavement Design". Design alternatives have been analyzed using "AASHTOWare Pavement ME".

The Design Data is as follows:

Design Data	Rest Area
Growth Factor (%)	0.5
Design AADTT (V.P.D) (One Way)	2,000
Design Traffic Speed (MPH)	30
Design ESALs (Millions)	10 ≤ ESAL < 30

**1. New Truck Ramps – Jointed Plain Concrete Pavement:**

- 14" QC/QA-PCCP\* with 15 ft D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars
- 300 lb/yd<sup>2</sup> QC/QA-HMA, 4, 58E, Intermediate, OG 19.0mm, on
- 6" of Compacted Aggregate No. 53, on
- Geotextile for Pavement, Type 2B, on
- Subgrade Treatment, Type IBC (14" of Chemical Soil Modification with Cement)

**2. Widening or Repair of Existing Pavement – Jointed Plain Concrete Pavement:**

- 14" QC/QA-PCCP\* with Match Existing/Extend Existing D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars
- Subbase for PCCP (9" of Aggregate), on
- Geotextile for Pavement, Type 2B, on
- Subgrade Treatment, Type IC (12" of #53 Aggregate)

**3. New Car Parking Area – Jointed Plain Concrete Pavement:**

- 10" QC/QA-PCCP\* with 15 ft D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars
- 300 lb/yd<sup>2</sup> QC/QA-HMA, 4, 58E, Intermediate, OG 19.0mm, on
- 6" of Compacted Aggregate No. 53, on
- Geotextile for Pavement, Type 2B, on
- Subgrade Treatment, Type IBC (14" of Chemical Soil Modification with Cement)

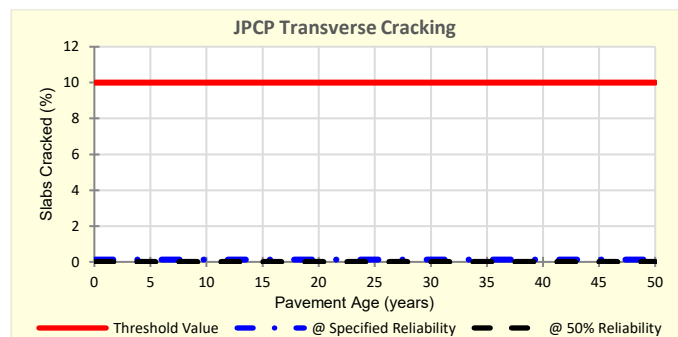
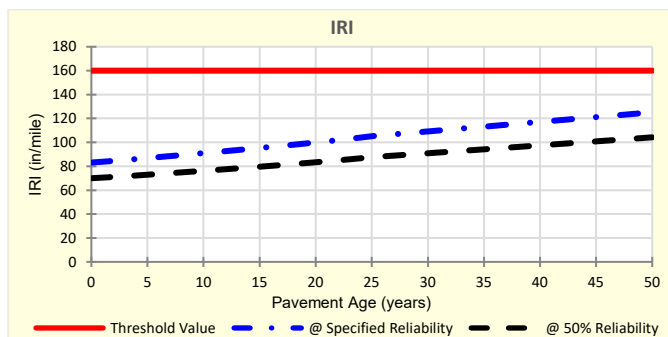
\* If the PCCP pay item has a quantity less than 7200 yd<sup>2</sup> (one lot), the pay item should be "PCCP, \_\_\_ in." [Use 502 pay items].

**Notes:**

- Subgrade treatment should extend 2 feet beyond the curb.
- In instances where construction operations prohibit the use of Subgrade Treatment Type IBC, Subgrade Treatment Type IC may be used in its place. The pavement section has been designed to account for either subgrade treatment.
- Underdrains should be designed and constructed at the edge of the pavement following chapter 605 of the Indiana Design Manual.

Service Life

The full depth PCCP Pavement as designed has a functional design life of 30-year design and a structural design life of 50+ years.



Cc: Thomas Duncan - FHWA  
 District Pavement Engineer  
 Pavement Area Engineer  
 INDOT Coordinator  
 Project Designer  
 File



**SECTION 01 3216**  
**CONSTRUCTION PROGRESS SCHEDULE**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Preliminary schedule.
- B. Construction progress schedule.

**1.02 RELATED SECTIONS**

- A. Section 01 1000 - Summary: Work sequence.

**1.03 SUBMITTALS**

- A. Within 10 days after date of Agreement, submit preliminary schedule.
- B. If preliminary schedule requires revision after review, submit revised schedule within 10 days.
- C. Within 20 days after review of preliminary schedule, submit draft of proposed complete schedule for review.
- D. Within 10 days after joint review, submit complete schedule.
- E. Submit updated schedule with each Application for Payment.
- F. Submit in PDF format.

**1.04 QUALITY ASSURANCE**

- A. Scheduler: Contractor's personnel or specialist Consultant specializing in CPM scheduling with one years minimum experience in scheduling construction work of a complexity comparable to this Project, and having use of computer facilities capable of delivering a detailed graphic printout within 48 hours of request.

**1.05 SCHEDULE FORMAT**

- A. Listings: In chronological order according to the start date for each activity. Identify each activity with the applicable specification section number.
- B. Diagram Sheet Size: Maximum 22 x 17 inches (560 x 432 mm).
- C. Sheet Size: Multiples of 8-1/2 x 11 inches (216 x 280 mm).

**PART 2 PRODUCTS - NOT USED**

**PART 3 EXECUTION**

**3.01 PRELIMINARY SCHEDULE**

- A. Prepare preliminary schedule in the form of a horizontal bar chart.

**3.02 CONTENT**

- A. Show complete sequence of construction by activity, with dates for beginning and completion of each element of construction.
- B. Identify each item by specification section number.
- C. Identify work of separate stages and other logically grouped activities.
- D. Provide sub-schedules for each stage of Work identified in Section 01 1000 - Summary.
- E. Provide sub-schedules to define critical portions of the entire schedule.
- F. Show accumulated percentage of completion of each item, and total percentage of Work completed, as of the first day of each month.
- G. Provide legend for symbols and abbreviations used.

**3.03 NETWORK ANALYSIS**

- A. Prepare bar chart, gantt chart type schedule diagrams using the Critical Path Method.

- B. Illustrate order and interdependence of activities and sequence of work; how start of a given activity depends on completion of preceding activities, and how completion of the activity may restrain start of subsequent activities.
- C. Tabulate each activity of detailed diagrams, using calendar dates, and identify for each activity:
  - 1. Preceding and following event numbers.
  - 2. Activity description.
  - 3. Estimated duration of activity, in maximum 15 day intervals.
  - 4. Earliest start date.
  - 5. Earliest finish date.
  - 6. Actual start date.
  - 7. Actual finish date.
  - 8. Latest start date.
  - 9. Latest finish date.
  - 10. Total and free float; float time shall accrue to Owner and to Owner's benefit.
  - 11. Percentage of activity completed.
  - 12. Responsibility.
- D. Required Reports: List activities in sorts or groups:
  - 1. By preceding work item or event number from lowest to highest.
  - 2. By amount of float, then in order of early start.

#### **3.04 REVIEW AND EVALUATION OF SCHEDULE**

- A. Participate in joint review and evaluation of schedule with Architect at each submittal.
- B. Evaluate project status to determine work behind schedule and work ahead of schedule.
- C. After review, revise as necessary as result of review, and resubmit within 10 days.

#### **3.05 UPDATING SCHEDULE**

- A. Maintain schedules to record actual start and finish dates of completed activities.
- B. Indicate progress of each activity to date of revision, with projected completion date of each activity.
- C. Annotate diagrams to graphically depict current status of Work.
- D. Identify activities modified since previous submittal, major changes in Work, and other identifiable changes.
- E. Indicate changes required to maintain Date of Substantial Completion.
- F. Submit reports required to support recommended changes.

#### **3.06 DISTRIBUTION OF SCHEDULE**

- A. Distribute copies of updated schedules to Contractor's project site file, to subcontractors, suppliers, Architect, Owner, and other concerned parties.
- B. Instruct recipients to promptly report, in writing, problems anticipated by projections indicated in schedules.

**END OF SECTION**

**GENERAL NOTES:**

- A. REFER TO SHEET M0-1 FOR ADDITIONAL GENERAL NOTES.
- B. REFER TO ARCHITECTURAL ELEVATION FOR EXACT LOCATIONS OF WALL MOUNTED GRILLES AND DEVICES.

**PLAN NOTES:**

1. 8x8 EXHAUST GRILLE AT 8' 4" A.F.F. COORDINATE WITH TILE PATTERN OR BLOCK COURSING. CENTER GRILLE OVER FIXTURE. INSTALL WITH BLADES UP. INSTALL WITH TAMPER PROOF HARDWARE.
2. 14x14 SA DOWN TO APPROX. 3' 0" A.F.F. TRANSITION TO 18" DIA UNDERGROUND DUCT LIKE "AGC BLUE DUCT" AND ROUTE AT APPROX. 0' 0" BELOW SLAB ROUTED TO AVOID FOOTERS/FOUNDATION. POUR CONCRETE UP TO DUCT AND SEAL. EXTERNALLY INSULATE EXPOSED SECTIONS OF SUPPLY DUCT.
3. 48" RETURN SLOT GRILLE TYPE "LDRD" IN WOODEN CEILING. REFER TO ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION. GRILLE TO HAVE TOP DUCT CONNECTION TO 24x24 TRANSFER DUCT. ROUTE DUCT TO 24x24 TYPE "EGB" GRILLE AT APPROX. 9" IN CHASE.
4. 16x16 TYPE "EG" GRILLE ON BOTH SIDES OF WALL. INSTALL WITH BLADES UP. INSTALL WITH TAMPER PROOF HARDWARE. HIGH AS POSSIBLE BELOW CEILING (APPROX 10' 0") TO MATCH TILE OR BLOCK COURSING.
5. LINED TRANSFER DUCT.
6. PROVIDE CABLE ACTUATED DAMPERS IN BRANCH DUCTS TO GRILLES WITH CABLE ACCESSIBLE BEHIND GRILLE.
7. SET DIFFUSER TO MATCH ARCHITECTURAL REVEAL. DETAIL SEE ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.
8. MAIN TEMPERATURE CONTROLS PANEL COORDINATE WITH ALL TRADES TO LEAVE ACCESS IN FRONT AND ABOVE PANEL.
9. 24x14 TEMPERED OUTDOOR AIR FROM ENERGY RECOVERY VENTILATORS. TURN DOWN TO APPROX 9" ABOVE FINISHED FLOOR NEAR INLETS TO HP-101.
10. 6x30 SUPPLY DUCT FROM DISCHARGE OF HP-101. TRANSITION AS REQUIRED TO MATCH OUTLET SIZE OF HEAT PUMP AND PROVIDE FLEXIBLE CONNECTION TO UNIT.
11. MAINTAIN MINIMUM 3' 0" CLEAR BETWEEN EQUIPMENT AND PIPING COMPLETELY THROUGH WALKWAY.
12. 2" DEEP INSULATED PLENUM TO MATCH LOUVER. SLOPE BOTTOM OF PLENUM TO LOUVER WITH BOTTOM OF PLENUM OVERHANGING BACK OF LOUVER TO DRAIN INTO LOUVER DRAIN TRACK.
13. MAINTAIN SERVICE CLEARANCE FOR ACCESS DOORS ON ENERGY RECOVERY VENTILATORS.



PUBLIC WORKS PROJECT NO. 89006007-23-034-D1  
CENTERVILLE WELCOME CENTER  
CENTERVILLE, INDIANA



Revision: 1 9/30/24 Addendum 1

Project Number: 89006007-23-034-C1

Account Number: DAM

Designer: DAM

Drawing Date: 8/30/2024

Drawing Scale:

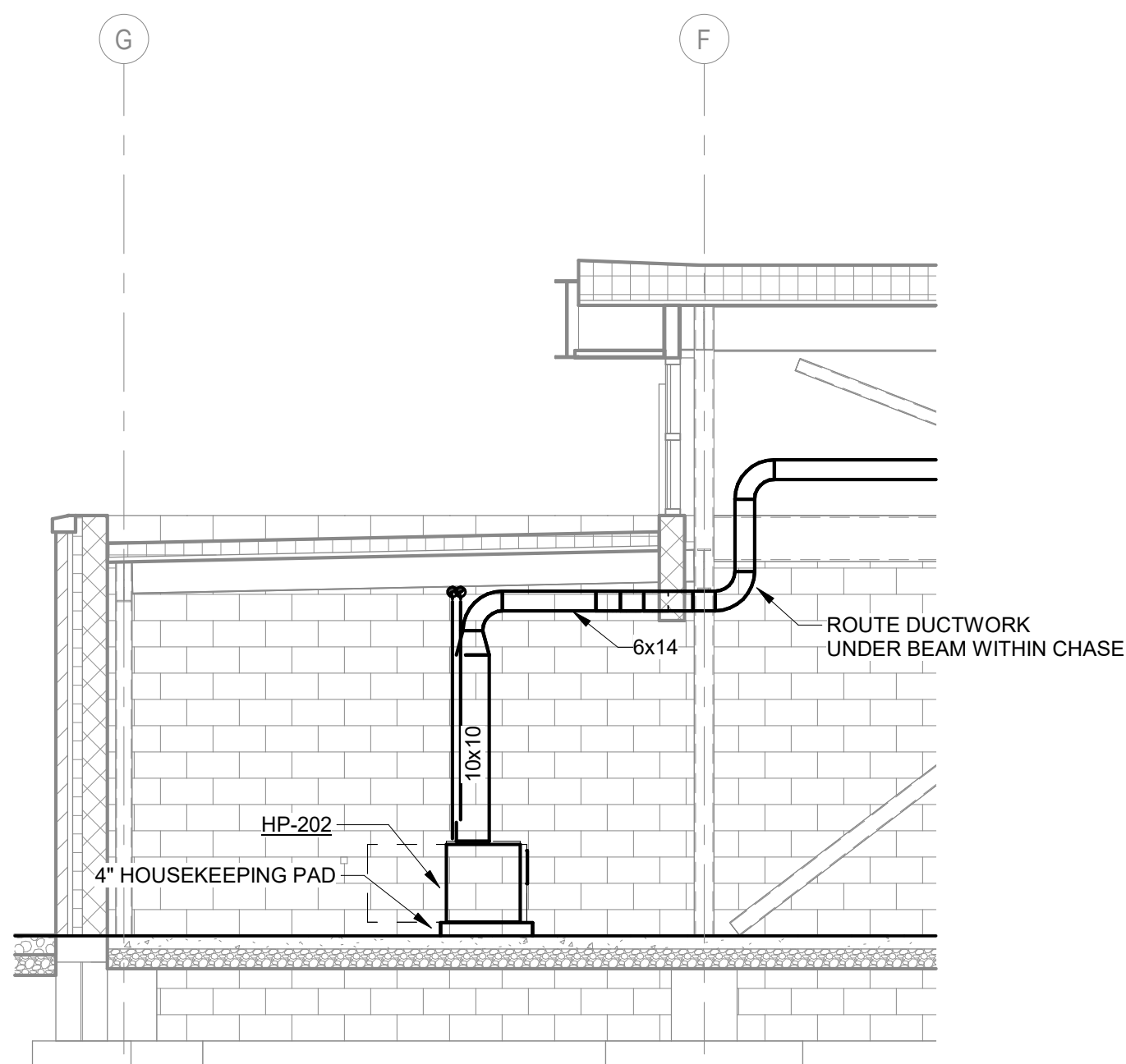
Client Approval:

Reference Number: 1394

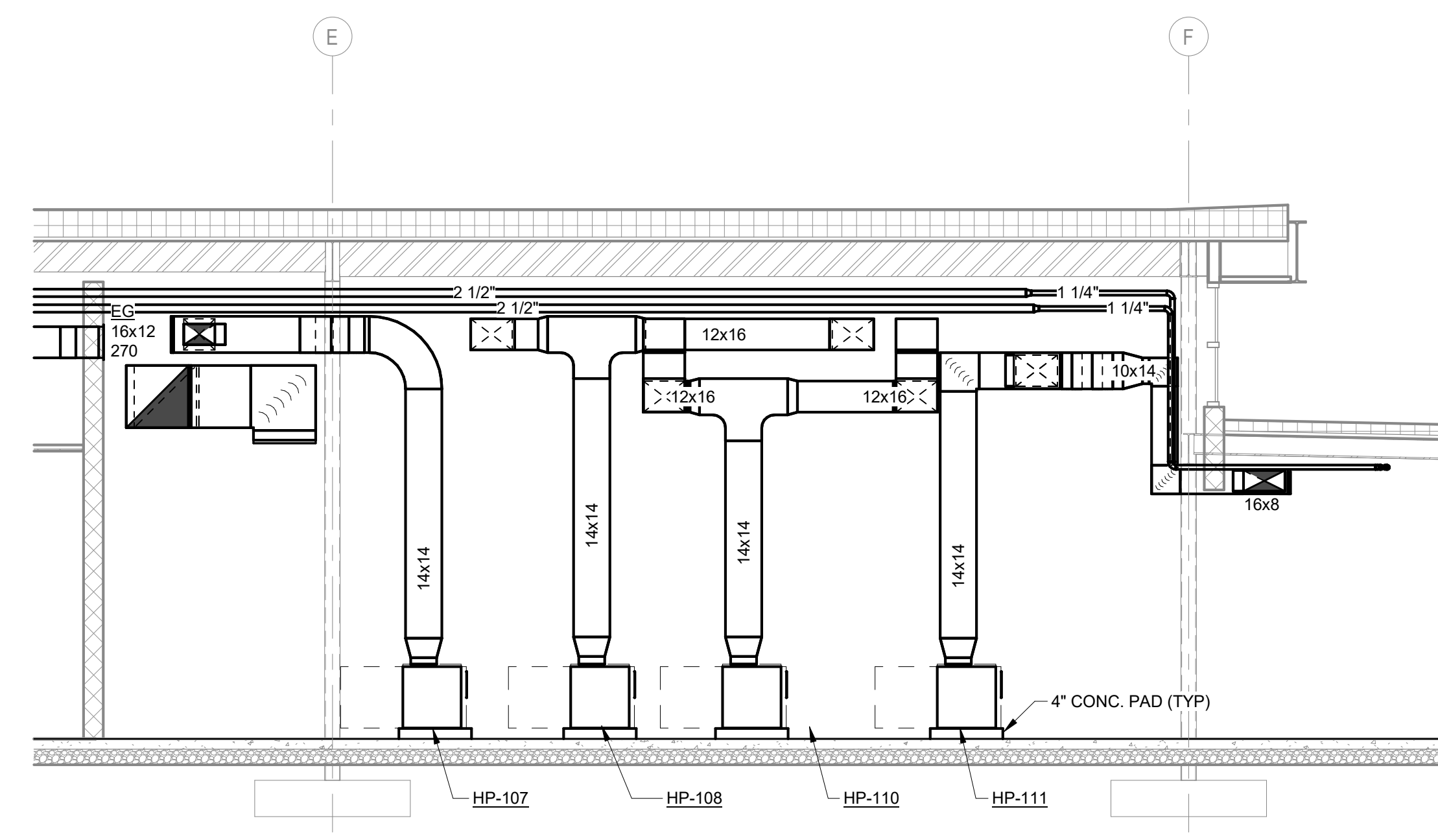
Building Reference:

Drawing Name: WELCOME CENTER - HVAC FLOOR PLAN

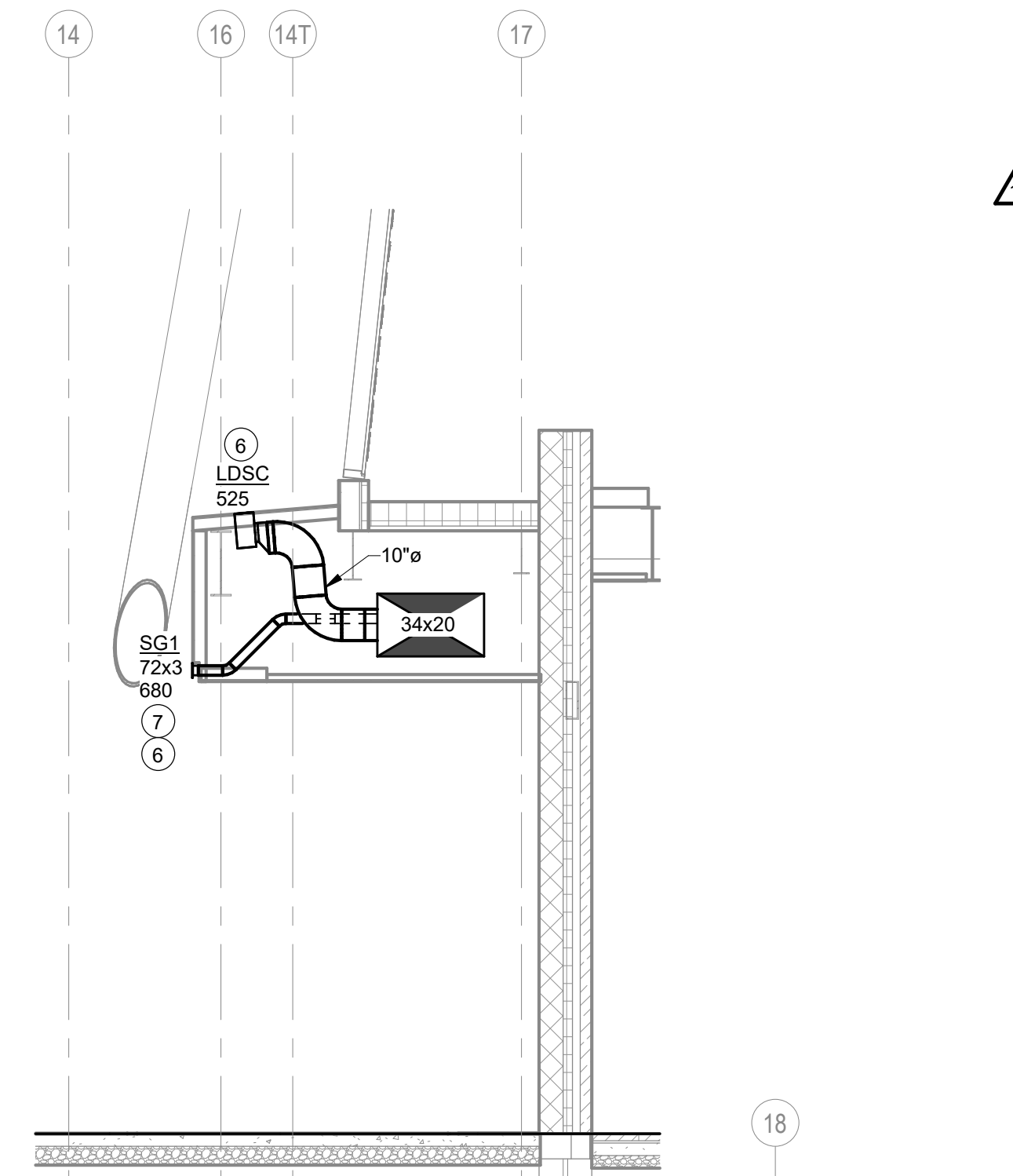
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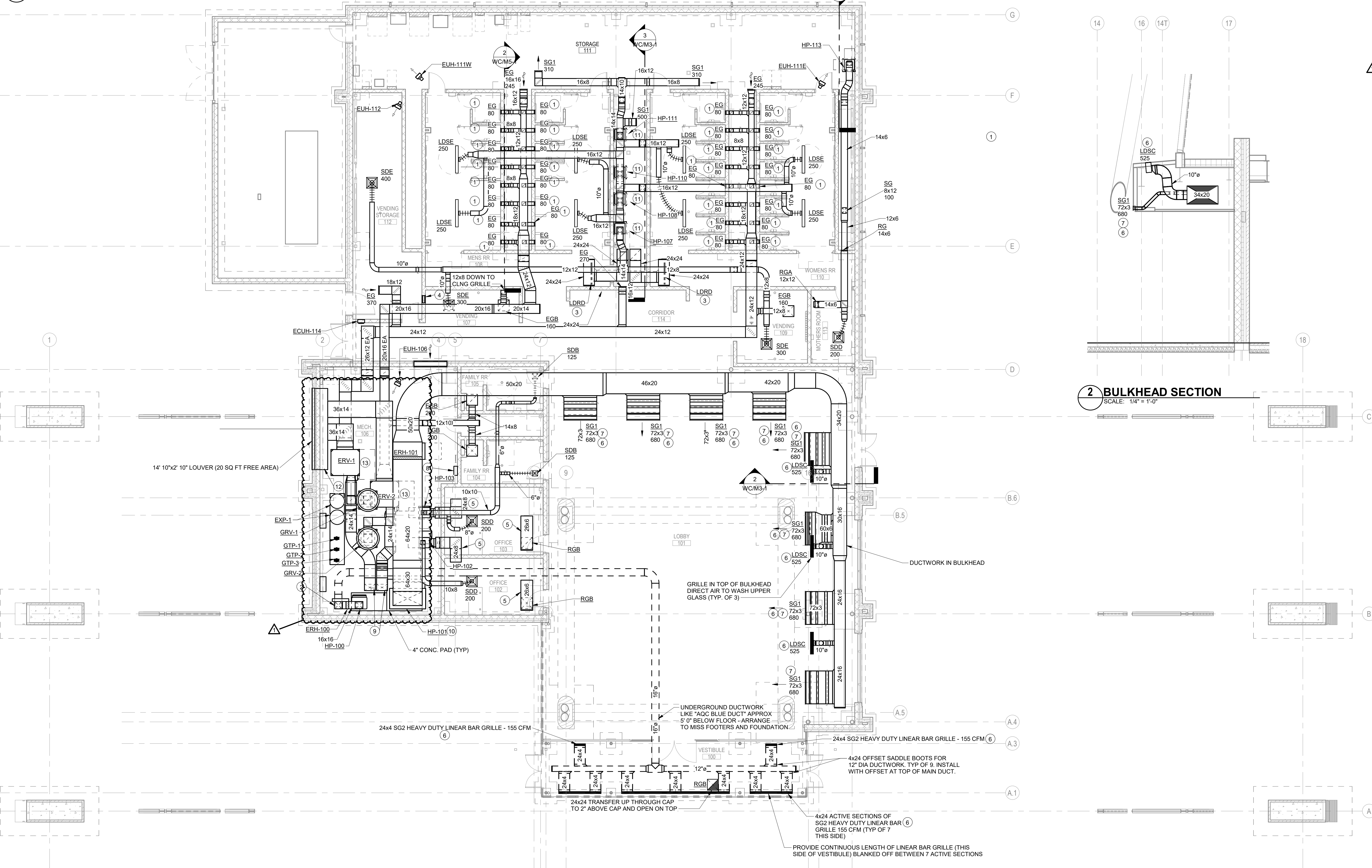
**4 HP-202 ELEVATION**  
SCALE: 1/4" = 1'-0"



**3 HEAT PUMP ELEVATIONS**  
SCALE: 1/4" = 1'-0"



**2 BULKHEAD SECTION**  
SCALE: 1/4" = 1'-0"



**FIRST FLOOR HVAC PLAN**  
SCALE: 1/8" = 1'-0"

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**GENERAL NOTES:**

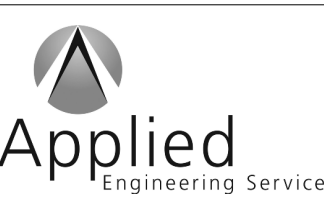
- A. SEE SHEET WC/P3-1 FOR SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
- B. INSTALL WYE FITTING AND CLEANOUT AT END OF ALL WATER CLOSET BATTERYS FOR FIXTURE WASTE ACCESS.

**PLAN NOTES:**

- 1. 6" ST DOWN, PROVIDE CLEANOUT AT BASE OF RISER.
- 2. 3" V UP TO 4" V.T.R.
- 3. 2" V UP TO 4" V.T.R.
- 4. 4" ST DOWN, PROVIDE CLEANOUT AT BASE OF RISER.
- 5. 2" CW FOR IRRIGATION CONNECTION. SEE LANDSCAPE PLANS FOR CONTINUATION. BALL VALVE AND 2" X 2" X 1" RECUDER TEE WITH DRAINAGE CAP INSIDE BUILDING. 2" CW DOWN UNDERSLAB OUT TO PUMP STATION.
- 6. 4" INCOMING DOMESTIC CW FROM BELOW.
- 7. HOT WATER BALANCING VALVE STATION. SEE DETAIL 4/WC/P3-1.
- 8. ROUTE HW AND CW SUPPLIES TO EACH FIXTURE. PROVIDE SHUTOFF VALVES AT EACH FIXTURE CONNECTION.
- 9. SEE DOMESTIC WATER FLOOR PLAN FOR CONTINUATION.
- 10. 3/4" SCW TO MAKE-UP WATER. SEE MECHANICAL SHEETS FOR CONTINUATION.



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PUBLIC WORKS PROJECT NO. 89006007-23-034-D1  
CENTERVILLE WELCOME CENTER  
CENTERVILLE, INDIANA



Revisions:  
1 9/30/24 Addendum 1

Project Number: 89006007-23-034-C1

Requestor Number:

Account Number:

Designer: EPW Drawing Date: 8/30/2024

Drawing Scale:

DAPW Approval:

Client Approval:

Reference Number: 1394

Building Reference:

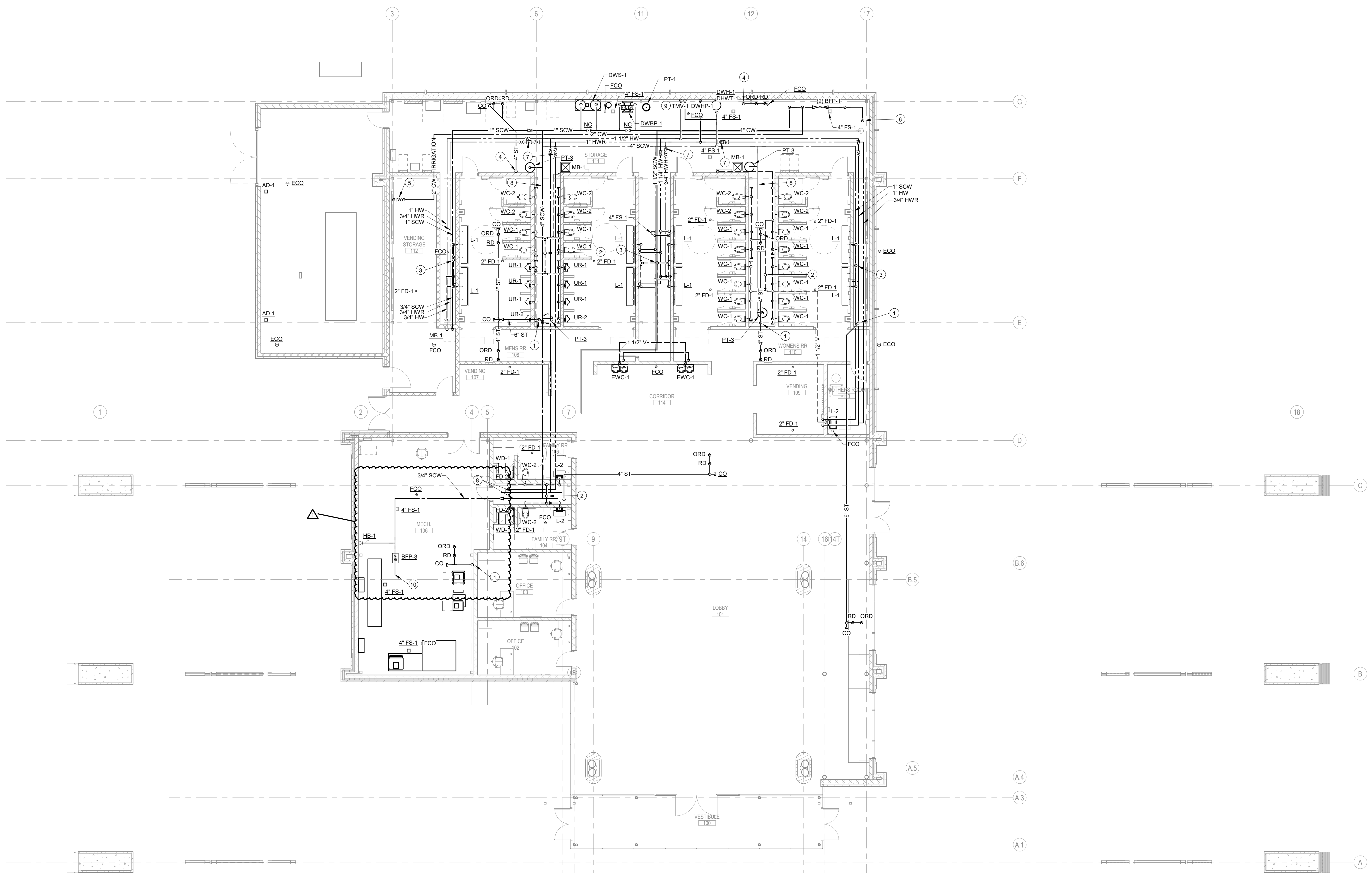
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Drawing Number: WC/P3-1

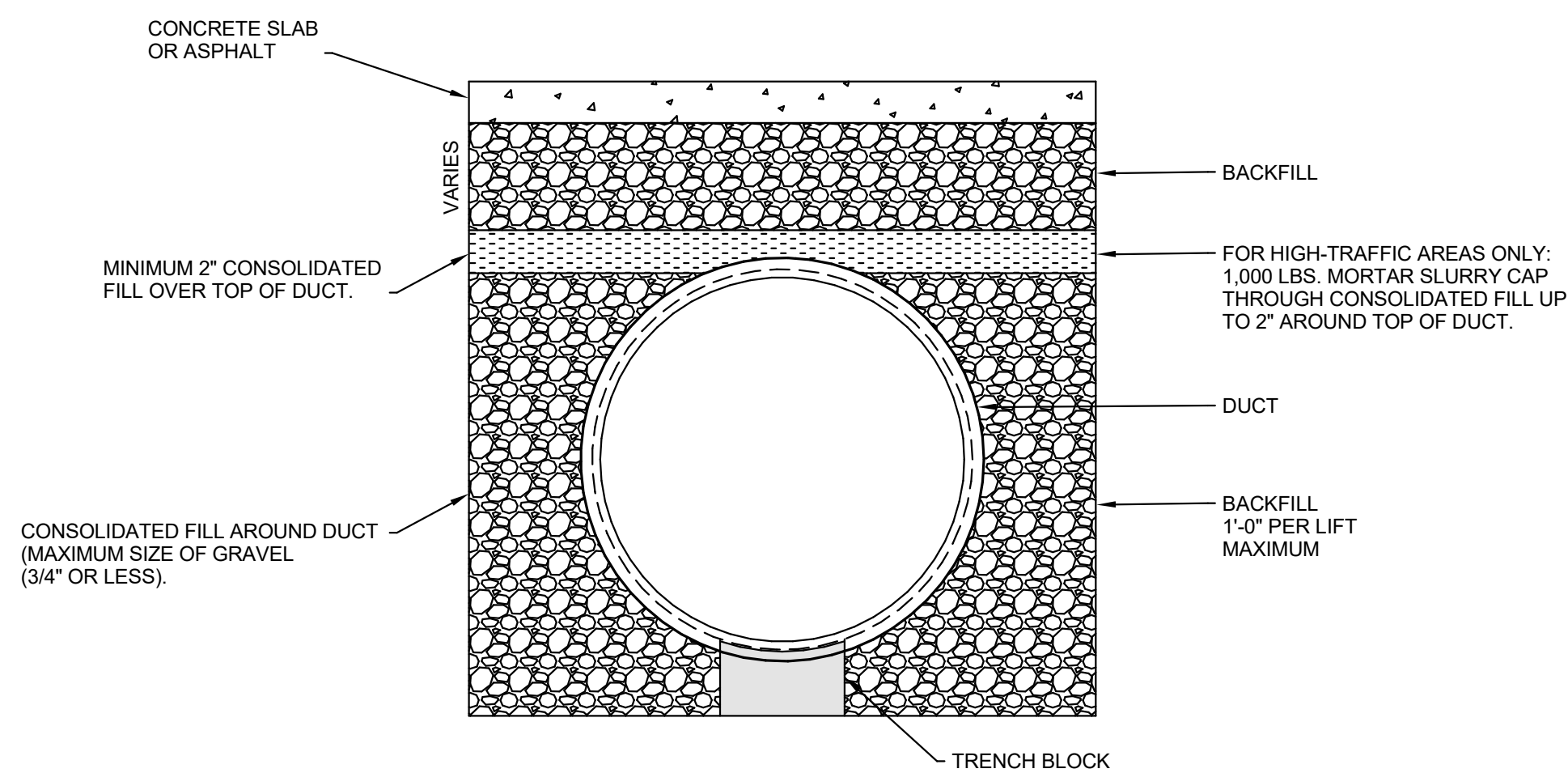
WELCOME CENTER - PLUMBING FLOOR PLAN

Drawing Number: WC/P3-1

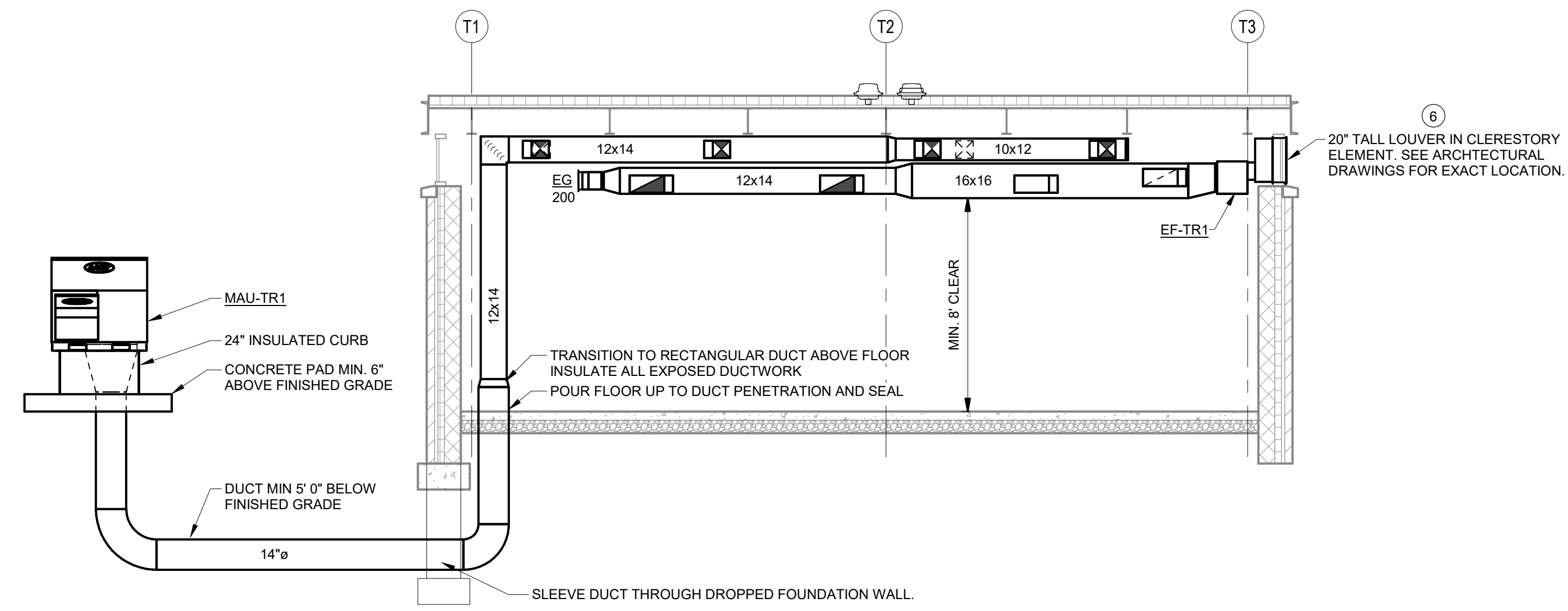
WC/P3-1



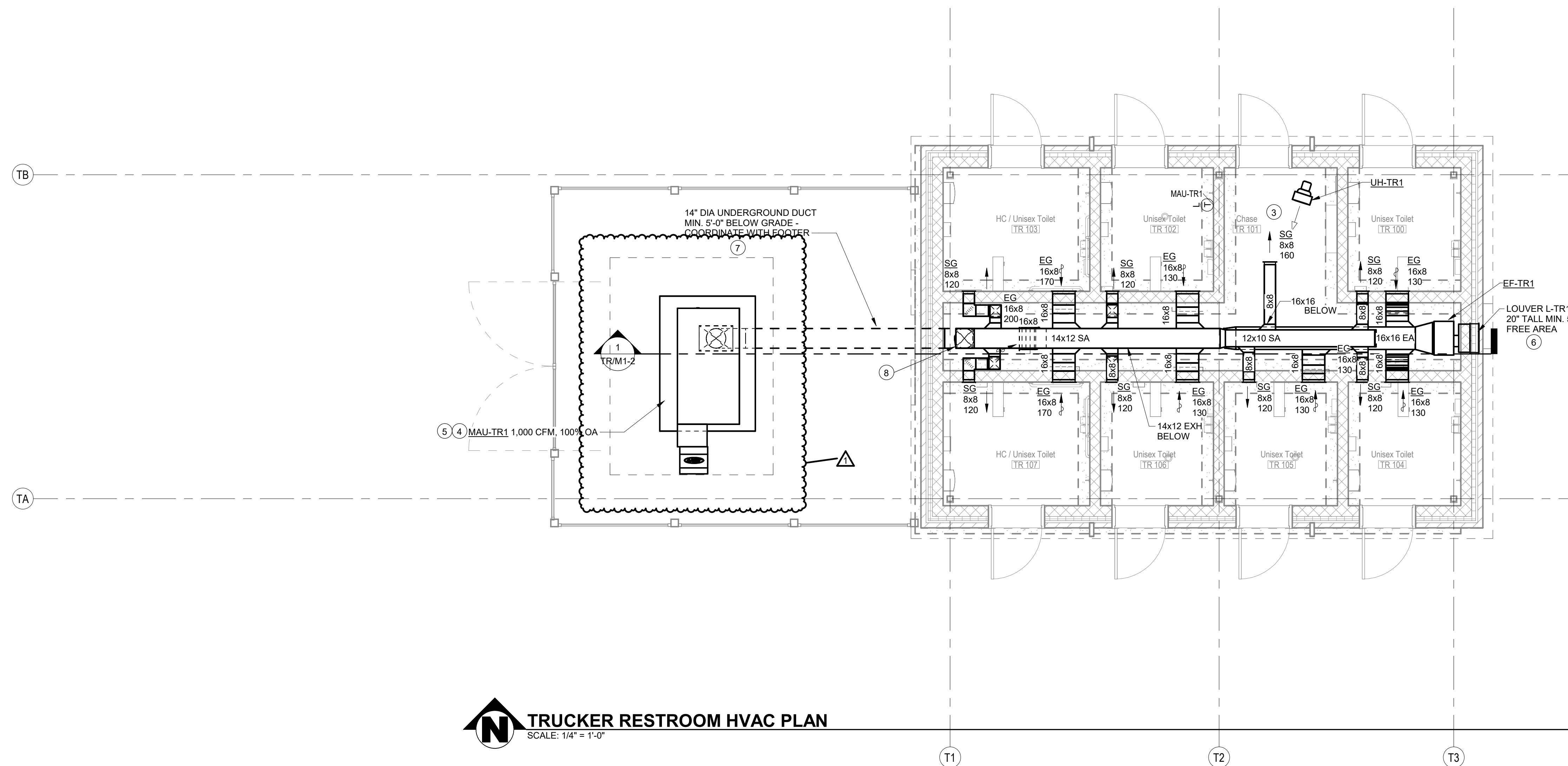
**WELCOME CENTER - PLUMBING FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**3 UNDERGROUND DUCT BEDDING DETAIL**  
SCALE: NONE



**TRUCKER RESTROOM HVAC SECTION**  
SCALE: 1/4" = 1'-0"



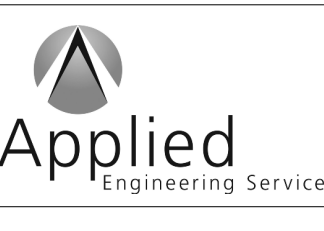
**TRUCKER RESTROOM HVAC PLAN**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

A. REFER TO DRAWING M0-1 FOR ADDITIONAL GENERAL NOTES.

**PLAN NOTES:**

1. WALL GRILLES CENTERED AT APPROX 8' 8" - COORDINATE WITH TILE OR BLOCK COURSING.
2. PROVIDE TAMPER PROOF GUARD ON THERMOSTAT.
3. DO NOT ROUTE DUCTWORK DIRECTLY OVER ELECTRICAL PANELS OR GEAR.
4. UNIT MOUNTED ON 24" INSULATED CURB ON CONCRETE PAD MIN 6" ABOVE FINISHED GRADE. LOCATE UNIT MIN 5' 0" AWAY FROM SIDEWALKS OR BUILDING. REFER TO SITE PLANS FOR EXACT LOCATION.
5. 2" GEOTHERMAL WATER LINES ROUTED TO UNIT UNDERSLAB FROM WELCOME CENTER. SEE SITE UTILITY PLANS FOR EXACT LOCATION.
6. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONFIRM EXACT SIZE WITH FRAME PRIOR TO ORDERING. MIN 5'-0" FREE AREA. FINISH TO MATCH WINDOW FRAME (BLACK).
7. ROUTE SEALED AND GASKETED 14" DIA DUCT RATED FOR UNDERGROUND INSTALLATION FROM AHU TO COME UP IN CHASE. DUCTWORK TO BE "AOC BLUE DUCT" OR PRIOR APPROVED EQUAL.
8. 14" DIA DUCT UP FROM UNDERGROUND - SEAL AT FLOOR. TRANSITION ABOVE SEAL TO 14x12 AND ROUTE AS SHOWN.



PUBLIC WORKS PROJECT NO. 89006007-23-034-D1  
CENTERVILLE WELCOME CENTER  
CENTERVILLE, INDIANA



Revision: 1 | 9/30/24 | ADDENDUM 1

Project Number: 89006007-23-034-C1

Account Number: DAM

Designer: DAM | Drawing Date: 8/30/2024

Drawing Scale:

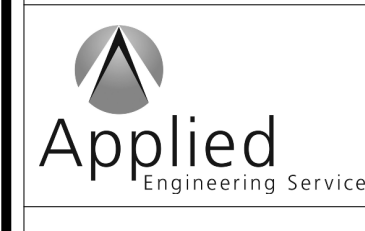
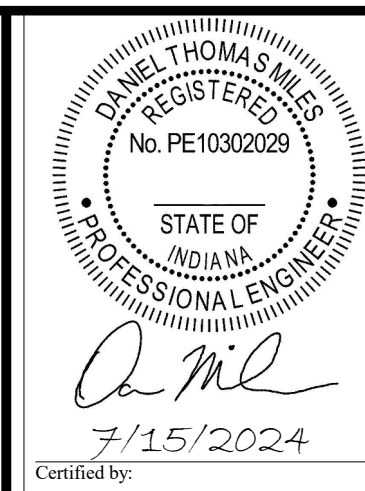
Client Approval:

Reference Number: 1394

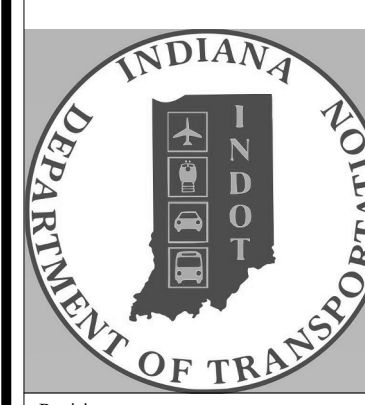
Building Reference:

Drawing Name: TRUCKER RESTROOM HVAC PLANS

Drawing Number: TR/M1-2



PUBLIC WORKS PROJECT NO. 89006007-23-034-D1  
CENTERVILLE WELCOME CENTER  
CENTERVILLE, INDIANA



Revisions:  
1 | 9/30/24 | ADDENDUM 1

Project Number: 89006007-23-034-C1  
Requestor Number:

Account Number:  
Designer: DAM | Drawing Date: 8/30/2024  
Drawing Scale:

DAPW Approval:  
Client Approval:

Reference Number: 1394

Building Reference:  
Drawing Name: MECHANICAL SCHEDULES

Drawing Number: TR/M6-1

### PACKAGED GEOTHERMAL MAKE UP AIR HANDLER

- NOTES:  
 1. DOWNFLOW ARRANGEMENT WITH 24" TALL FULL PERIMETER INSULATE CURB. UNIT TO BE MOUNTED ON GRADE IN PUBLIC AREA - PROVIDE SCREENS OR GUARDS ON ALL OPEN OR OPERABLE SECTIONS WITH TAMPER PROOF HARDWARE.  
 2. ELECTRIC HEAT BELOW 40F 136.5 MBH, 40KW, -10 EAT, 95 LAT  
 3. PROVIDE WITH INTEGRAL REFRIGERANT DETECTION SYSTEM. ON DETECTION OF REFRIGERANT INITIATE INTERNAL SEQUENCE TO SEND ALARM TO CONTROLS FRONT END, SHUT DOWN COMPRESSOR AND RUN BLOWER. ALL OTHER SAFETIES INCLUDING FREEZE STAT TO REMAIN OPERATIONAL.  
 4. DISCONNECT SWITCH/ CONTINUOUS POWER CONVENIENCE OUTLET. PROVIDE INTAKE HOOD WITH BIRDSCREEN.  
 5. FULLY PROGRAMMABLE ELECTRONIC CONTROLLER FOR CONSTANT VOLUME SINGLE ZONE OPERATION.  
 6. SINGLE POINT ELECTRICAL CONNECTION - PROVIDE TRANSFORMER AS REQUIRED FOR CONTROLS, LIGHTS ETC.

TAG NO.	AREA SERVED	TYPE	GEOTHERMAL COOLING COIL										ELEC PREHEAT			GEO (PRIMARY) HEAT			H.G. REHEAT		FAN					COMPRESSOR/CONDENSER					FILTERS			ELECTRICAL DATA					REMARKS										
			CFM	OA CFM	MBH TOT / SENS	GPM	EWT	EAT DB / WB	LADB (COIL)	LAWB (COIL)	REFRIG TYPE	MAX FAC...	MIN. FACE...	MBH	EAT / LAT	KW	FLA	MBH	GPM	EWT	EAT / LAT	MBH	EAT / LAT	FAN TYPE	DRIVE	NO. OF FANS	TOTAL SP	EXT SP	FAN RPM	MOTOR HP	MOTOR RPM	VOLT/PH	MIN. NO OF COMP	COMP TYPE	NO OF CONDENSE...	FAN HP EACH	FAN RPM	DESIGN AMBIENT...		NO.	TYPE	SIZE	MCA	MOP	EM POWER	CONTROL TYPE	MFG.	MODEL #	WGT. LBS.
MAU-TR1	TRUCKER RR	PACKAGED RTU	1000	1000	72.1/39.1	15	62	95/78	56	56	R-454B	500	5.3	48.6	-10 / 35	15	42	54.8	15	43	35/84	18.6	56/75	FC	DIRECT	1	1.7	1	1780	1	1760	480/3	1	SCROLL	1	1/3	1110	95	2	DISPOSABLE	20x20x2	36	40	YES	DDC	AAON	RQA-005	2000	SEE NOTES

### ELECTRIC UNIT HEATER SCHEDULE TRUCKER RESTROOM

- NOTES:  
 1. PROVIDE MOUNTING HARDWARE AND UNIT MOUNTED THERMOSTAT  
 2. SCHEDULE NOTES

UNIT TAG	LOCATION	TYPE	MBH	HEATING ELEMENT		MOTOR DATA					ELECTRICAL DATA		BASIS OF DESIGN		WEIGHT	NOTES
				KW	HP	FLA	MCCP	VOLTS	PHASES	DISC. SW. BY	EM. POWER	MANUFACTURER	MODEL NO.			
UH-TR1	Chase TR 101	HORIZONTAL PROPELLER	17	5 kW	1/6	6 A	15 A	480 V	3	EC	YES	MARLEY	MUH-0541	30 lb	1	

### EXHAUST FAN SCHEDULE TRUCKER RESTROOM

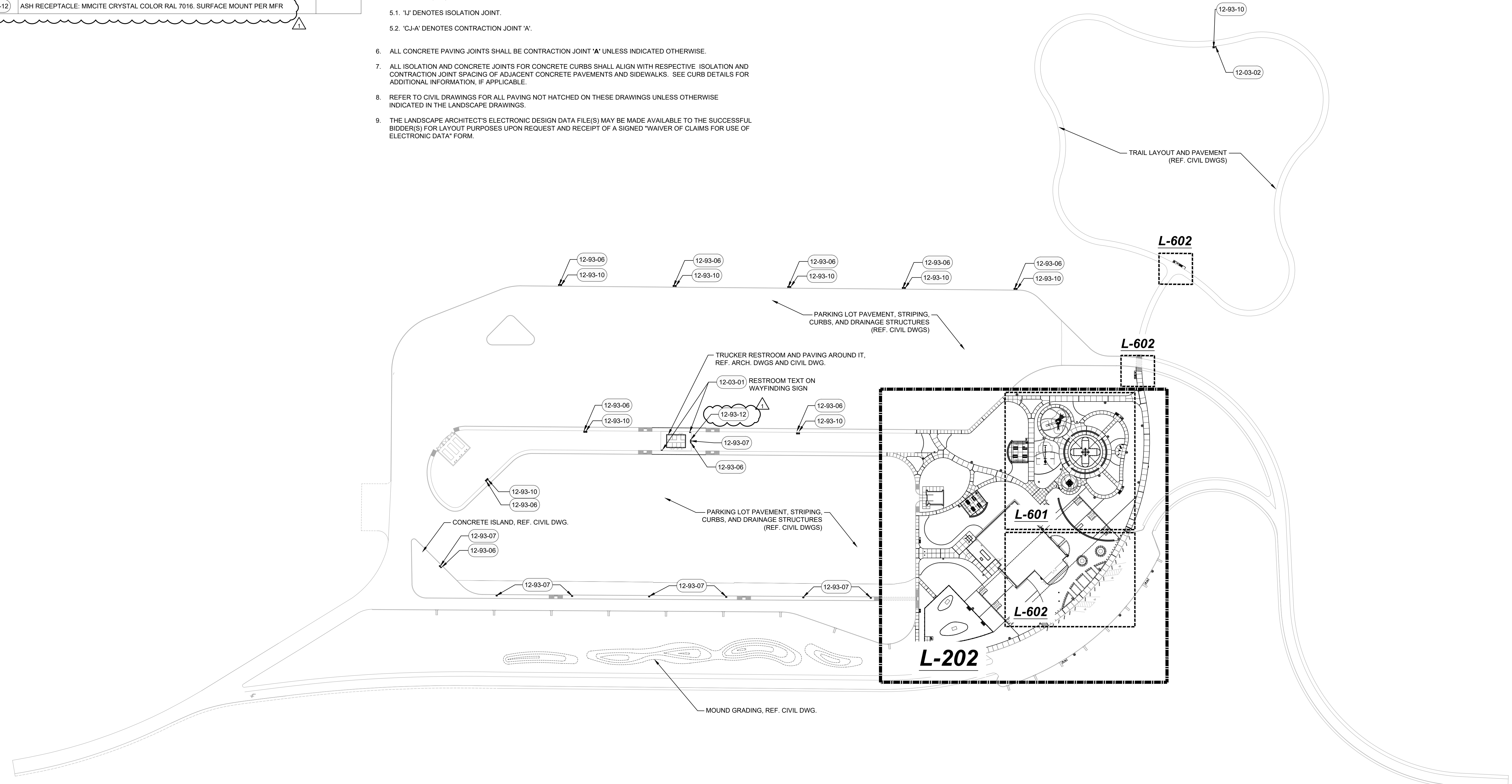
- NOTES:  
 1. SUPPORT FROM STRUCTURE WITH VIBRATION ISOLATORS AS RECOMMENDED BY MANUFACTURER. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.  
 2. SCHEDULE NOTES

UNIT TAG	AREA SERVED	FAN TYPE	CFM	TOTAL S.P.	RPM	DRIVE	MOTOR DATA					MOTOR EM. POWER	DISCONNECT		CONTROL TYPE	WEIGHT	BASIS OF DESIGN		NOTES		
							SONES	HP	VOLTS	PH	FLA		MCA	MCCP			PROVIDED BY	LOCATION		MANUFACTURER	MODEL NO.
EF-TR1	TR RESTROOM	INLINE	1200 CFM	0.600 in-wg	1450	DIRECT	4.5	0.5	120 V	1	7 A	9 A	15 A	YES	MFGR	ON FAN	INTEGRAL	75 lb	GREENHECK	CSP-A1410	1

12 FURNISHINGS SCHEDULE		
CODE	DESCRIPTION	DETAIL
12-03-01	WAYFINDING SIGN	A5/L-702
12-03-02	TRAIL MARKER SIGN	A3/L-702
SITE FURNISHINGS		
12-93-06	DOG WASTE STATION W/ BAG DISPENSER AND VENTED RECEPTACLE, REFER TO MFR. FOR INSTALLATION RECOMMENDATIONS	
12-93-07	LITTER RECEPTACLE, FORMS+SURFACES, MODEL SLTNO-230S TONYO 60-GALLON CAPACITY, W/RAIN HAT, COLOR BLACK TEXTURE FINISH, 'NOTCH' PERFORATION PATTERN, SURFACE MOUNTED PER MFR. RECOMMENDATIONS	
12-93-10	LITTER RECEPTACLE ON CONCRETE PAD, REFER TO NOTE 12-93-07 FOR ADDITIONAL PRODUCT INFO	E1/L-701
12-93-12	ASH RECEPTACLE, MMCITE CRYSTAL COLOR RAL 7016, SURFACE MOUNT PER MFR	

**GENERAL NOTES | SITE FEATURES PLANS:**

- DO NOT SCALE DRAWINGS FOR FIELD LAYOUT.
- COORDINATE ALL WORK WITH OTHER DESIGN DISCIPLINES.
- EXISTING AND PROPOSED UTILITIES THAT ARE SHOWN ARE FOR REFERENCE ONLY. REFER TO THE SITE SURVEY FOR EXISTING UTILITIES AND VERIFY ALL IN THE FIELD. REFER TO THE SITE ELECTRICAL PLAN FOR PROPOSED SITE LIGHTING AND POWER DISTRIBUTION EQUIPMENT. REFER TO CIVIL DRAWINGS FOR ALL OTHER PROPOSED UTILITIES.
- REFERENCE NOTES SCHEDULE MAY APPEAR ON MULTIPLE SHEETS. NOT ALL REFERENCE NOTES APPEAR ON EACH SHEET.
  - 'LJ' DENOTES ISOLATION JOINT.
  - 'CJ-A' DENOTES CONTRACTION JOINT 'A'.
- REFER TO A2/L-701 FOR CONCRETE PAVING JOINT DETAILS.
- ALL CONCRETE PAVING JOINTS SHALL BE CONTRACTION JOINT 'A' UNLESS INDICATED OTHERWISE.
- ALL ISOLATION AND CONCRETE JOINTS FOR CONCRETE CURBS SHALL ALIGN WITH RESPECTIVE ISOLATION AND CONTRACTION JOINT SPACING OF ADJACENT CONCRETE PAVEMENTS AND SIDEWALKS. SEE CURB DETAILS FOR ADDITIONAL INFORMATION, IF APPLICABLE.
- REFER TO CIVIL DRAWINGS FOR ALL PAVING NOT HATCHED ON THESE DRAWINGS UNLESS OTHERWISE INDICATED IN THE LANDSCAPE DRAWINGS.
- THE LANDSCAPE ARCHITECT'S ELECTRONIC DESIGN DATA FILE(S) MAY BE MADE AVAILABLE TO THE SUCCESSFUL BIDDER(S) FOR LAYOUT PURPOSES UPON REQUEST AND RECEIPT OF A SIGNED "WAIVER OF CLAIMS FOR USE OF ELECTRONIC DATA" FORM.



**I-70**



PUBLIC WORKS PROJECT NO. 89006007-23-034-D1  
 CENTERVILLE WELCOME CENTER  
 CENTERVILLE, INDIANA



Revisions:  
 01 ADDENDUM #1 9/30/2024

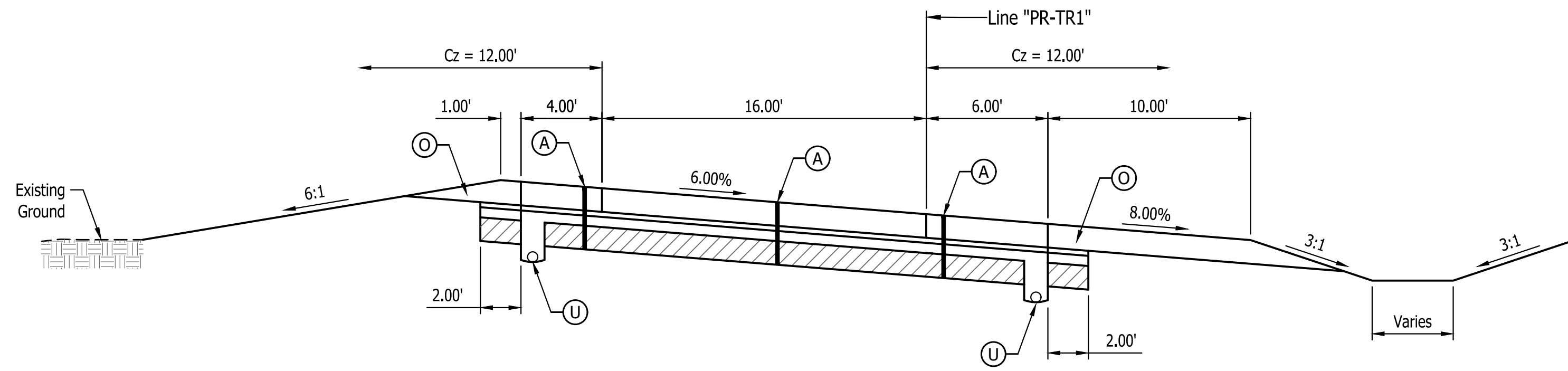
Project Number: 89006007-23-034-C1	
Requestion Number: -	
Account Number: -	
Designer:	Drawing Date: 08.30.24
Draftsman:	Drawing Scale:
IDAPW Approval:	
Client Approval:	
Reference Number:	
Building Reference:	
Drawing Number: L-201	

File Path: C:\Users\jackson\OneDrive\Documents\Projects\89006007-23-034-D1\Drawings\I-70\I-70-01.dwg  
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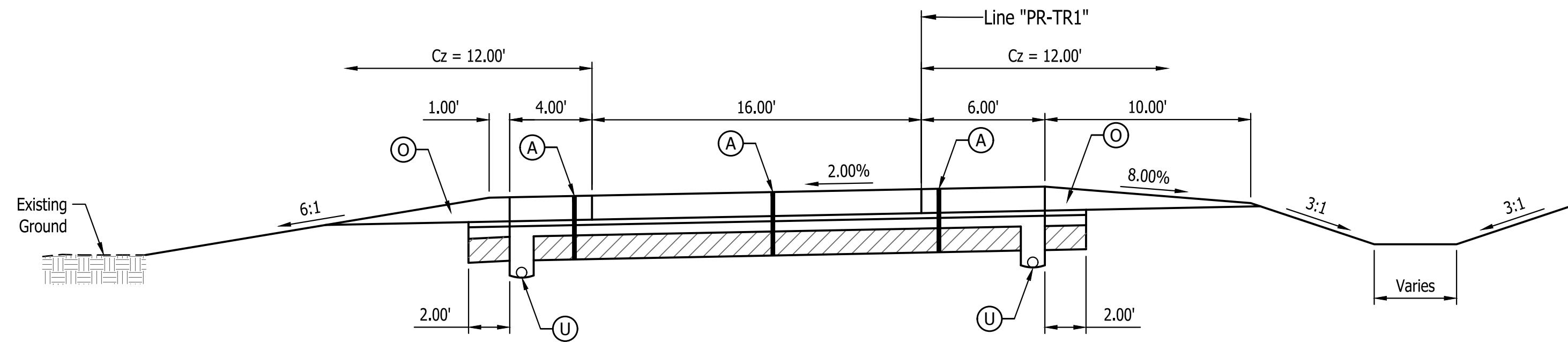




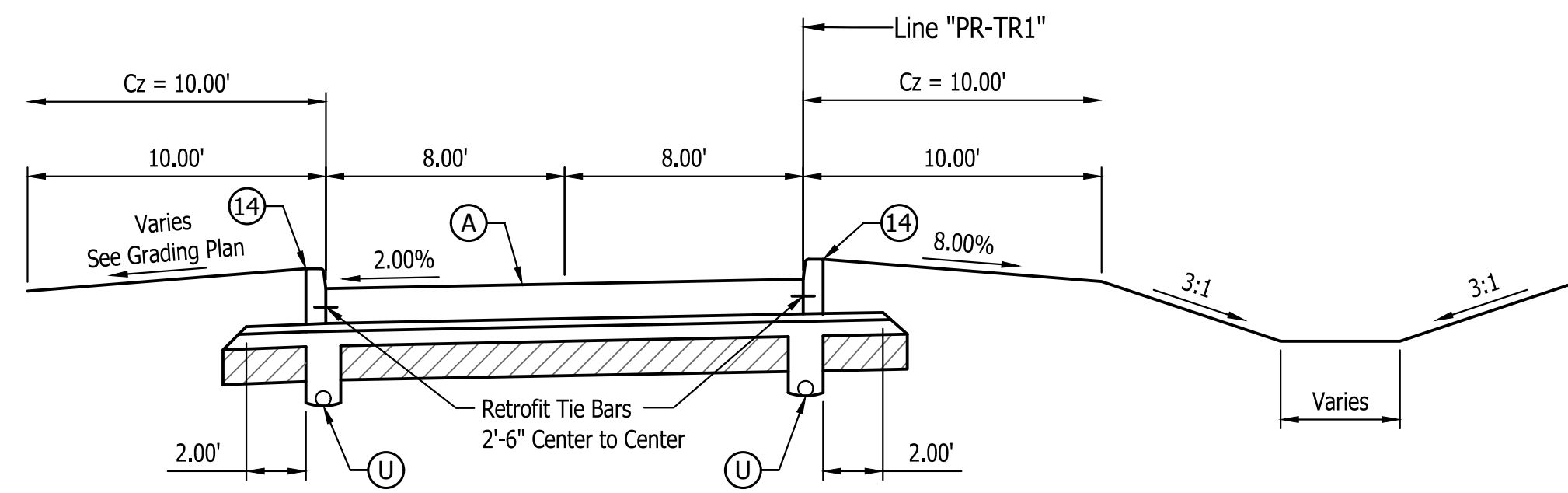




Typical Section  
Truck Exit Ramp - Line "PR-TR1"



Typical Section  
Truck Exit Ramp - Line "PR-TR1"



Typical Section  
Truck Exit Ramp - Line "PR-TR1"

- (A) 14" QC/QA-PCCP\* with 15 ft. D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars on 300 lb/sys QC/QA-HMA, 4' 58E, Intermediate, OG 19.0mm, on 6 Inch Compacted Aggregate No. 53, on Geotextile for Pavement, Type 2B, on Subgrade Treatment, Type IBC (14" of Chemical Soil Modification with Cement)
- (A1) 10" QC/QA-PCCP\* with 15 ft. D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars on 300 lb/sys QC/QA-HMA, 4' 58E, Intermediate, OG 19.0mm, on 6 Inch Compacted Aggregate No. 53, on Geotextile for Pavement, Type 2B, on Subgrade Treatment, Type IBC (14" of Chemical Soil Modification with Cement)
- (A2) 14" QC/QA-PCCP\* with match Existing/Extend Existing D-1 Contraction Joint Spacing and 1.5" Diameter Dowel Bars on Subbase for PCCP (9" of Aggregate), on Geotextile for Pavement, Type 2B, on Subgrade Treatment, Type IC (12" of No. 53 Aggregate)

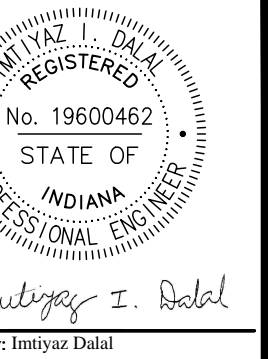
**LEGEND**

- (D1) PCCP, Concrete, 4 inch on 6 Inch Compacted Aggregate No. 53, on Subgrade Treatment Type III, 6" of soil compacted to the density and moisture requirement
- (F) Sidewalk, Concrete, 4 Inch
- (F1) Sidewalk, Concrete, 6 Inch
- (O) Compacted Aggregate No. 53
- (S) Saw Cut
- (U) 6" Underdrain
- (10) Guardrail, MGS, W-Beam
- (11) Guardrail, MGS, W-Beam, End Treatment, Type OS
- (12) Guardrail, MGS, W-Beam, Cable Terminal Anchor
- (13) Concrete Curb, Integral, 6 Inch
- (14) Concrete Curb, Integral, 8 Inch
- (15) Concrete Curb Turnout
- (26) Sodding
- (27) 48" Chain Link Fence

**Note:**

1. Retrofit Tie Bars shall be used wherever new pavement will be added next to the existing pavement placed along the longitudinal joint and spaced 3 FT c/c.
2. See Landscape Plans for Treatment to Non Paved Areas.

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PUBLIC WORKS PROJECT NO. 89006007-23-034-C1  
 CENTERVILLE WELCOME CENTER  
 CENTERVILLE, INDIANA



Revisions:  
ADDENDUM #1 10/1/24

Project Number:  
89006007-23-034-C1

Requestion Number:

Account Number:

Designer:  
IID

Drawing Date:  
8/30/2024

Drafter:  
JC

Drawing Scale:  
1"=5'

DAPW Approval:

Client Approval:

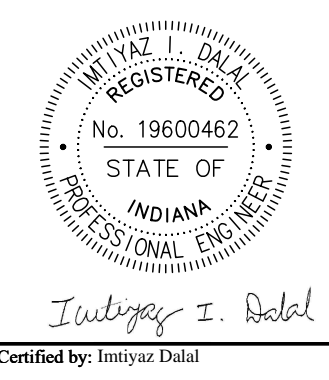
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Building Reference:

Drawing Number:

C103

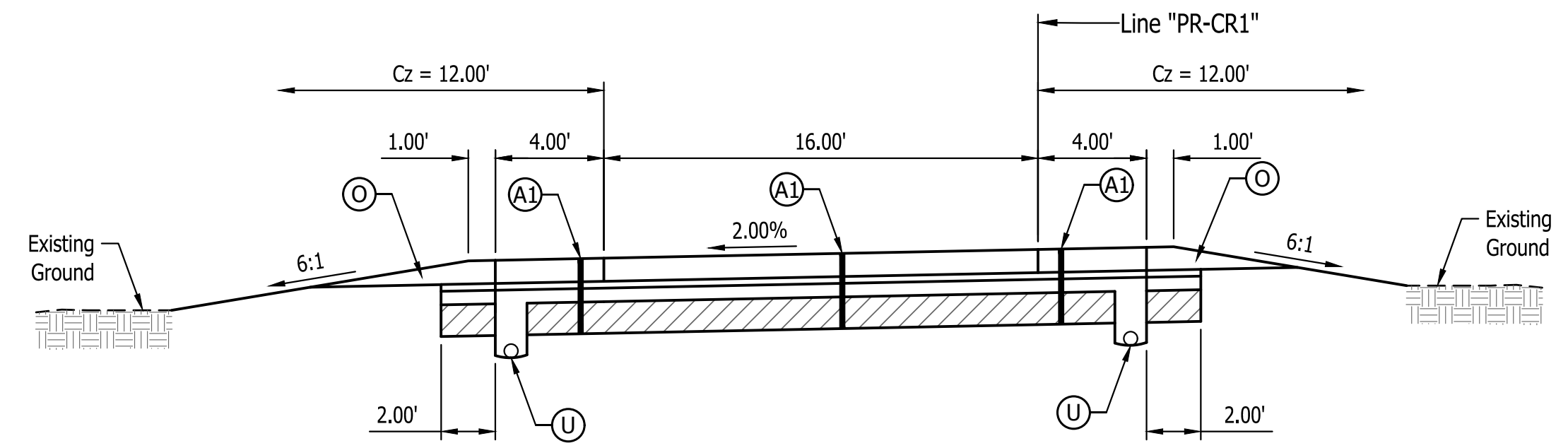
Sheet: 11 of 140



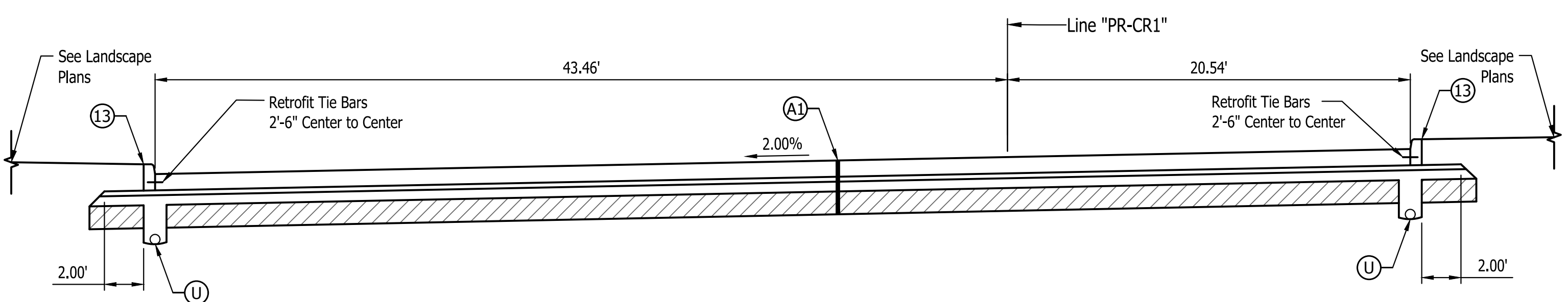
PUBLIC WORKS PROJECT NO. 89006007-23-034-C1  
 CENTERVILLE WELCOME CENTER  
 CENTERVILLE, INDIANA



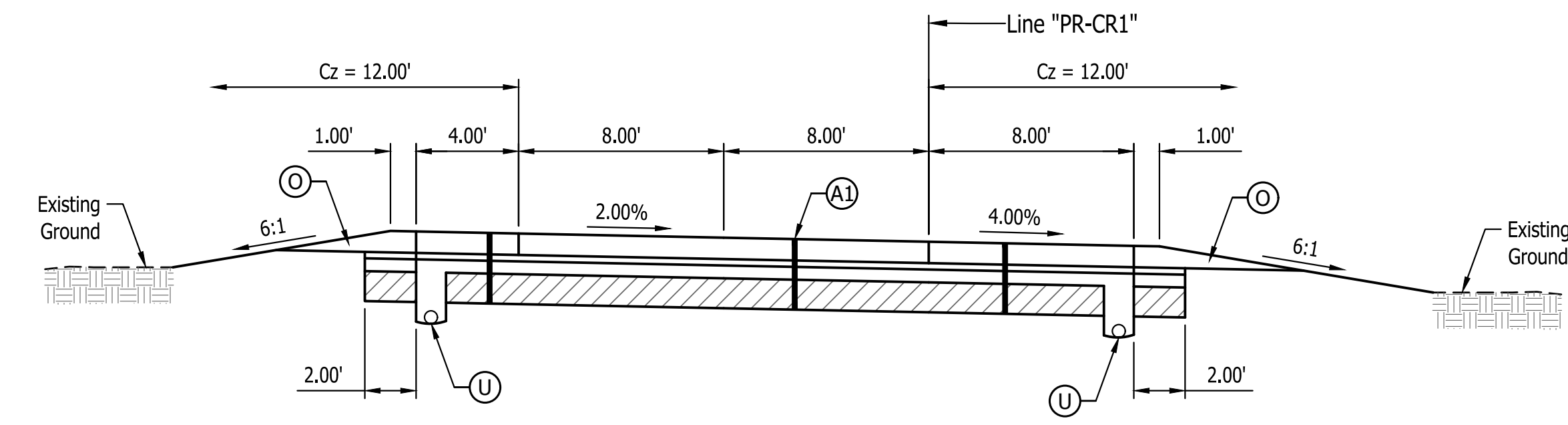
Revision:	ADDENDUM #1 10/1/24
Project Number:	89006007-23-034-C1
Requestion Number:	
Account Number:	
Designer:	IID
Drawing Date:	8/30/2024
Drafter:	JC
Drawing Scale:	1"=5'
DAPW Approval:	
Client Approval:	
Reference Number:	1394
Building Reference:	
Drawing Number:	C104
Sheet:	12 of 140



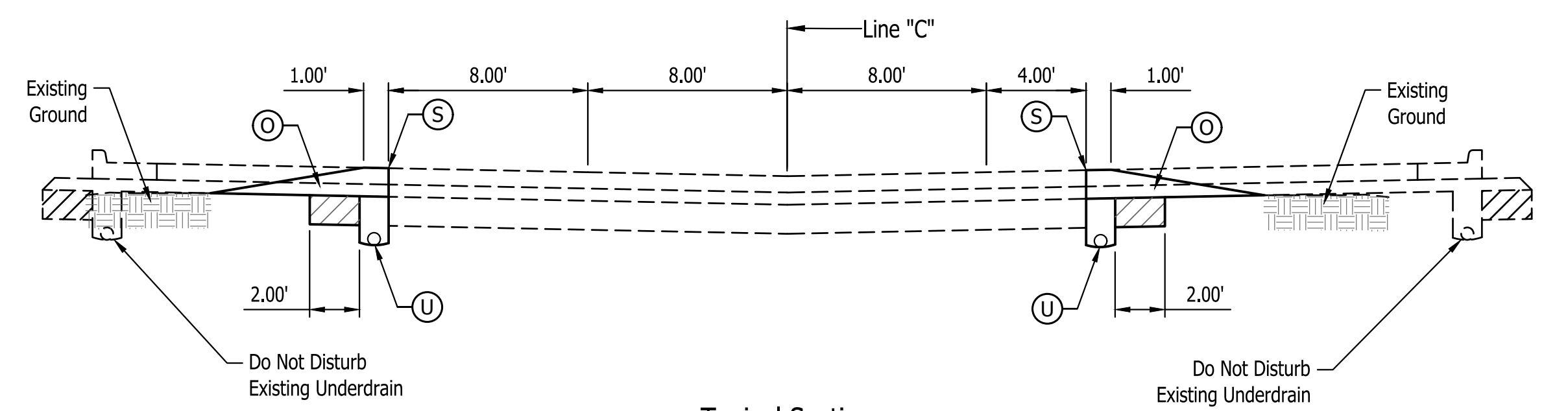
Typical Section  
 Car Exit Ramp - Line "PR-CR1"



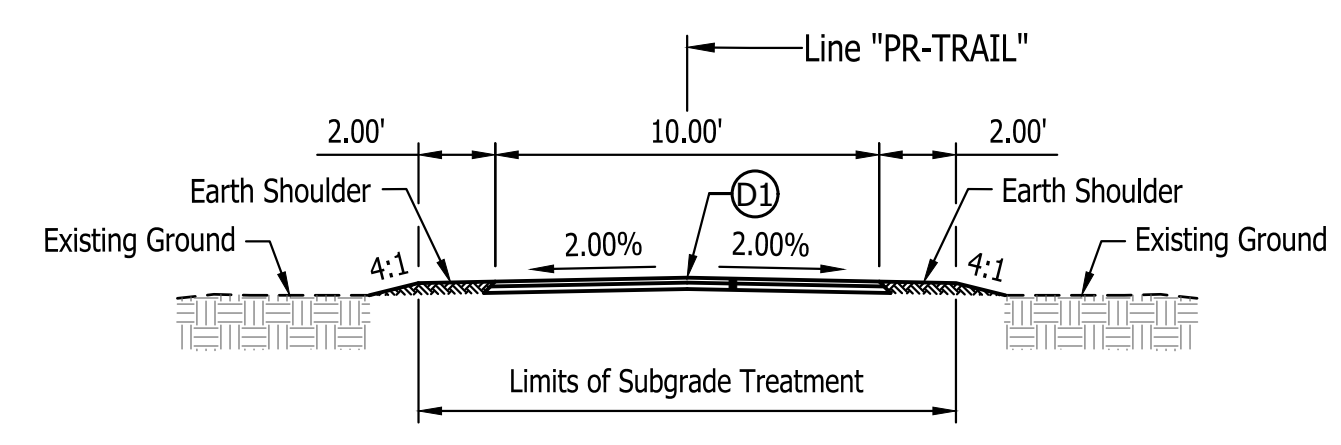
Typical Section  
 Car Parking Lot - Line "PR-CR1"



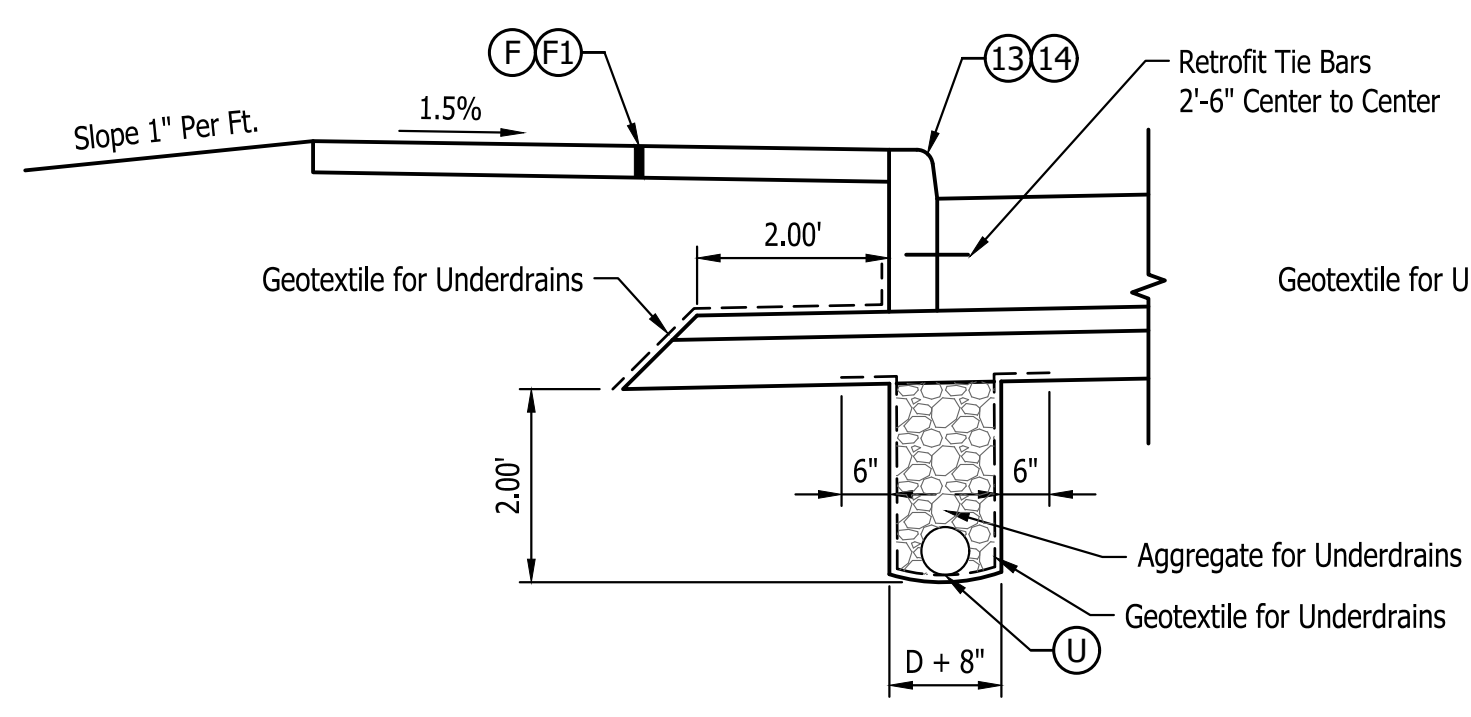
Typical Section  
 Car Exit Ramp - Line "PR-CR1"  
 Up to Sta. 18+82.63



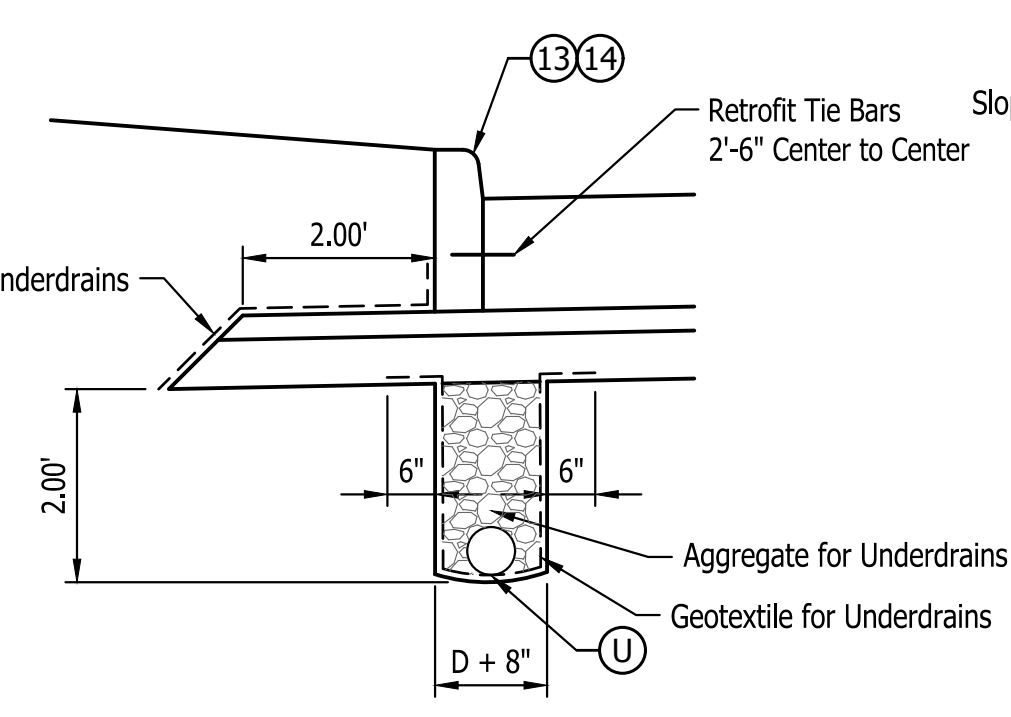
Typical Section  
 Car Exit Ramp - Line "C"



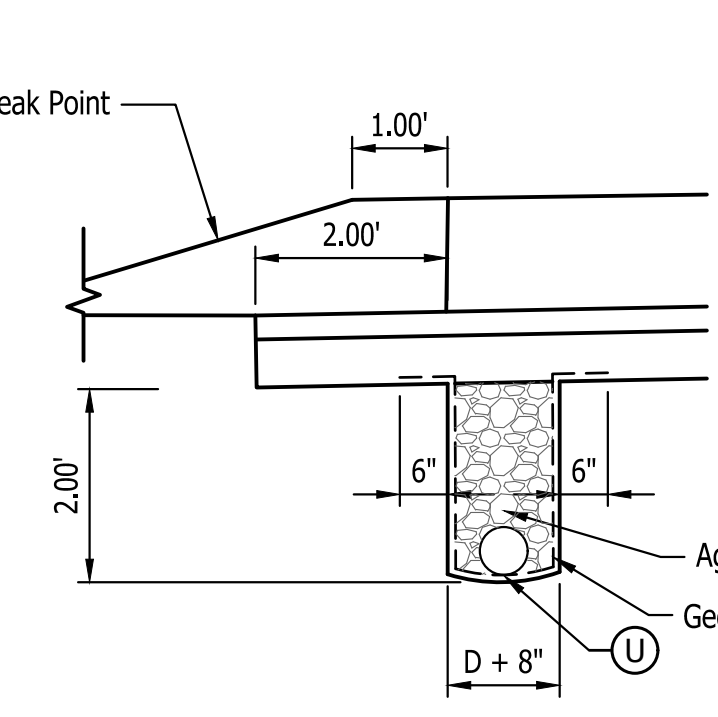
Typical Section  
 Walking Path - Line "PR-TRAIL"



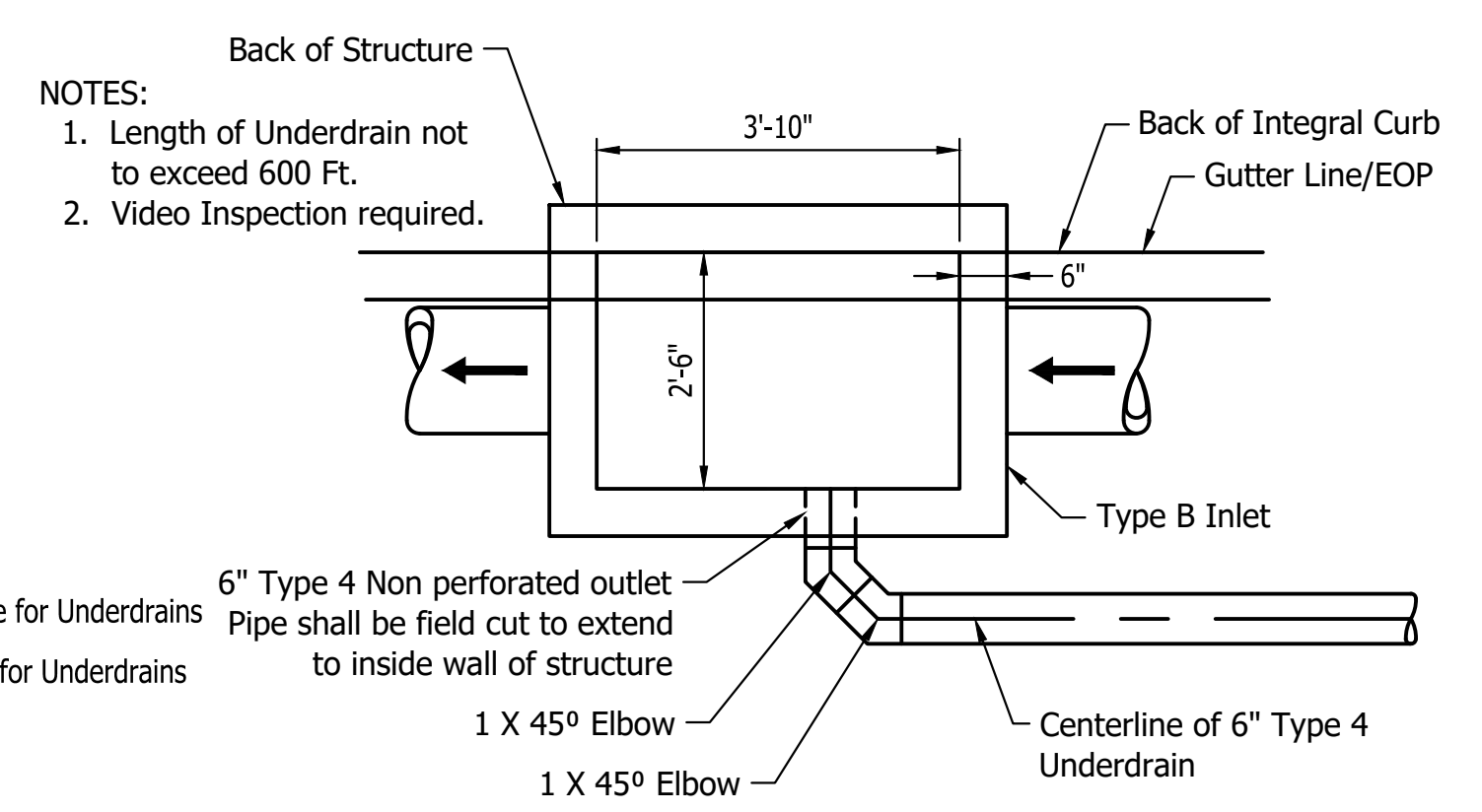
Underdrain Detail at Sidewalk  
 Scale 1/2"=1'-0"



Underdrain Detail at Curb  
 Scale 1/2"=1'-0"



Underdrain Detail at Ramp  
 Scale 1/2"=1'-0"



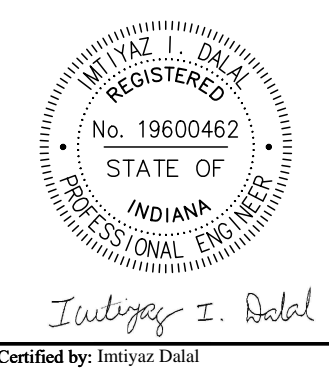
(2) 45° Bend Detail for Underdrain Side Connection  
 \* Detail should be used when in conflict with Storm Sewer Pipe  
 \* See Underdrain Summary Table for Invert/Connection Information

- Notes:
1. Retrofit Tie Bars shall be used wherever new pavement will be added next to the existing pavement placed along the longitudinal joint and spaced 3 FT c/c.
  2. See Landscape Plans for Treatment to Non Paved Areas.

LEGEND

- |  |   |  |  |                                |                                 |                                |             |                   |                             |   |  |                                      |                                      |                            |              |                           |
|--|---|--|--|--------------------------------|---------------------------------|--------------------------------|-------------|-------------------|-----------------------------|---|--|--------------------------------------|--------------------------------------|----------------------------|--------------|---------------------------|
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|--|---|--|--|--------------------------------|---------------------------------|--------------------------------|-------------|-------------------|-----------------------------|---|--|--------------------------------------|--------------------------------------|----------------------------|--------------|---------------------------|

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PUBLIC WORKS PROJECT NO. 89006007-23-034-C1  
 CENTERVILLE WELCOME CENTER  
 CENTERVILLE, INDIANA



Revisions:  
 ADDENDUM #1 10/1/24

Project Number:  
 89006007-23-034-C1

Account Number:

Designer: IID Drawing Date: 8/30/2024

Drafter: JC Drawing Scale: 1"=5'

DAPW Approval:

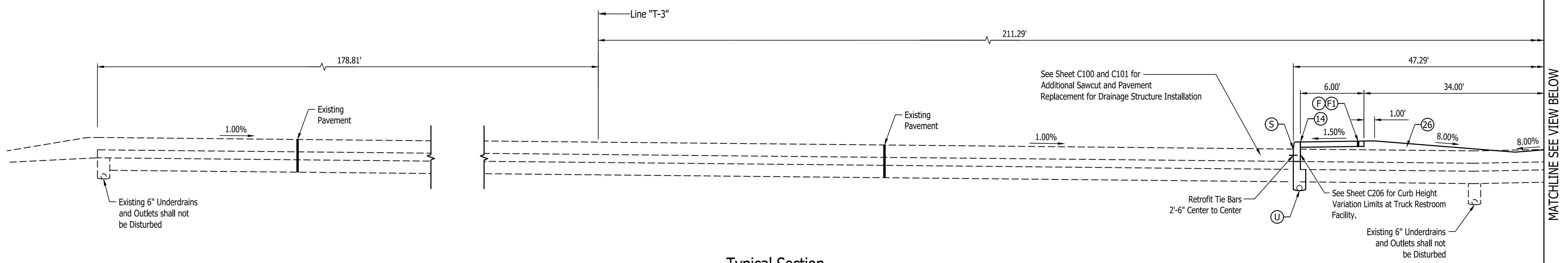
Client Approval:

Reference Number: 1394

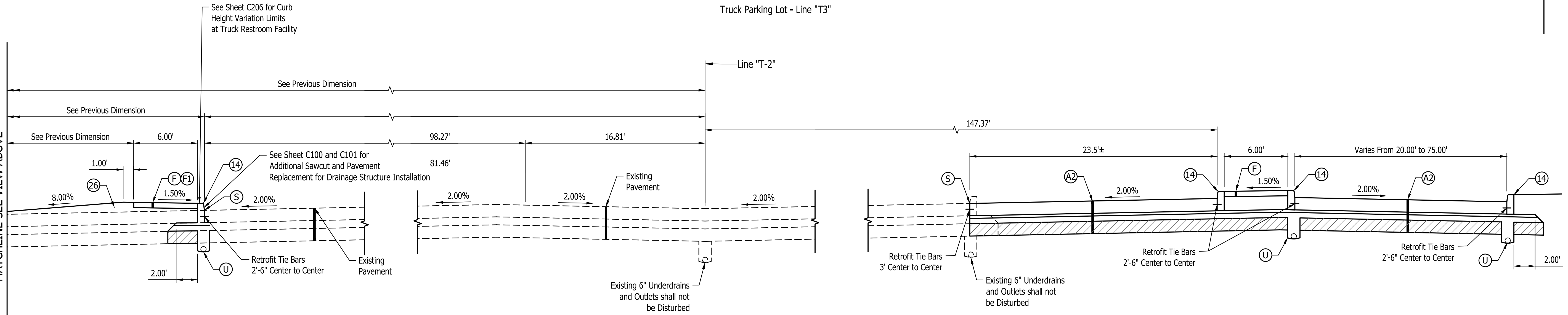
Building Reference:

Drawing Number: C105

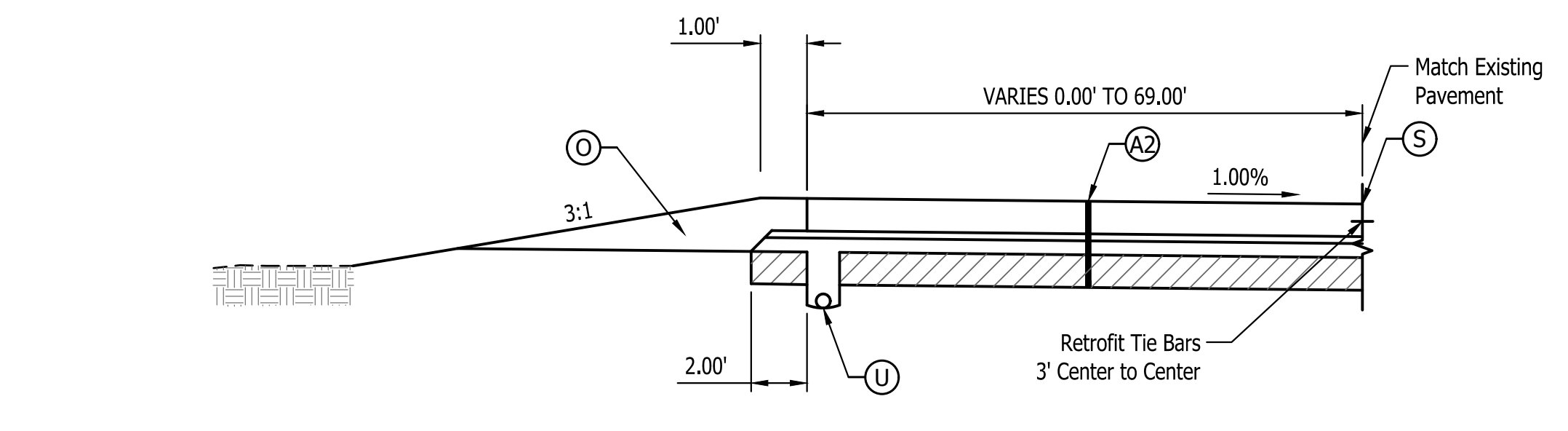
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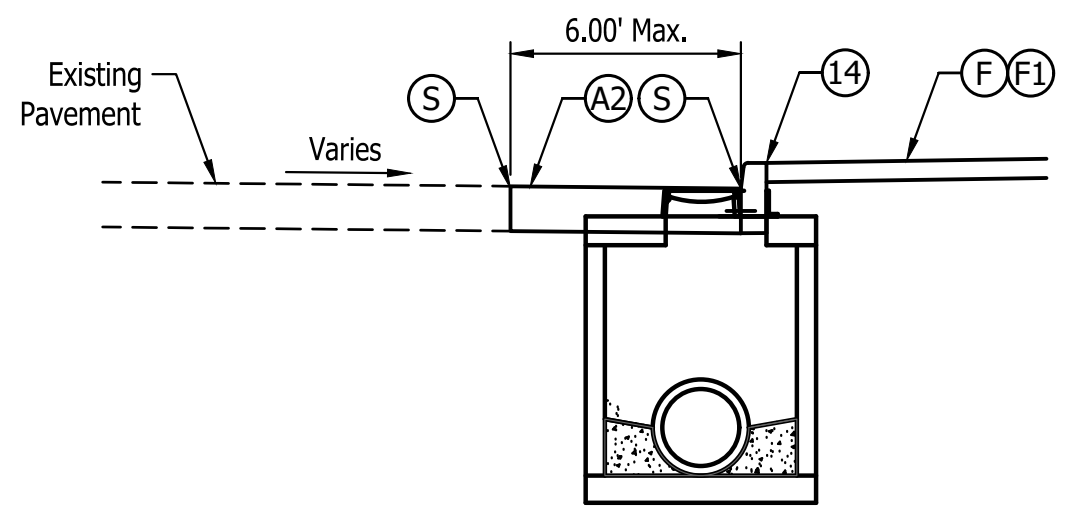
Typical Section  
 Truck Parking Lot - Line "T3"



Typical Section  
 Truck Parking Lot - Line "T2"



Typical Section  
 Truck Parking Lot Northwest - Line "T3"



Typical Detail  
 Storm Sewer Installation with Curb  
 in Existing Pavement Areas

- Note:
- Retrofit Tie Bars shall be used wherever new pavement will be added next to the existing pavement placed along the longitudinal joint and spaced 3 FT c/c.
  - See Landscape Plans for Treatment to Non Paved Areas.

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