

**Request for Bids for the Franklin County Sanitary Landfill
2025 Gas Collection and Control System Construction Project**

Posted April 14, 2025

This Addendum No. 2 shall be considered part of the RFB for the Franklin County Sanitary Landfill 2025 Gas Collection and Control System Construction Project and is intended to correct, change, and/or add to the documents as described below. Please make sure to complete the Addenda Acknowledgement form included in the *Required Documents*.

Listed below are additional questions received with answers from SWACO:

Question #1: *We are a supplier of HDPE pipe, fittings and supplies along with our environmental pump and fusion departments. Would you be able to share the pre-bid sign-in sheet so that we may provide all with our extensive and competitive quote?*

Answer: Attached to this addendum are the documents presented at the pre-bid meeting along with the sign-in sheet.

Question #2: *Are there any low ground pressure equipment requirements when working over the final cover liner?*

Answer: There is no specific equipment requirement, however, it is required that equipment only travels straight up and straight down the slope. There is to be no turning/rotating while overtop the final cover liner. When excavating over the final cover liner, a smooth-edged bucket must be used. No toothed buckets are permitted.

Question #3: *Is there a borrow pit location for clean dirt, if needed?*

Answer: Yes, there is a soil borrow area west of Young rd. and there will be a stockpile on top of the landfill (approximately in the middle) where soil can be obtained for backfilling and surface restoration.

Question #4: *What are the weights of the concrete structures?*

Answer: The four-foot by eight-foot (4'x8') structure is approximately twenty-four thousand pounds (24,000 lbs.) and the five-foot by fourteen-foot (5'x14') structure is approximately thirty thousand pounds (30,000 lbs.).

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Attachments: Pre-Bid Agenda  
Pre-Bid Sign in Sheet  
Revised Construction Drawings  
Revised Bid Tab for Submission (*Bid tab spreadsheet available as separate download*)

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**The deadline for questions relating to this RFB is 4:00 p.m., April 18, 2025**

**Bids are due no later than 1:30 p.m., April 25, 2025**

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++ This completes Addendum No. 2 ++

**Pre-bid Meeting Agenda  
2025 GCCS Construction  
SWACO  
Franklin County Sanitary Landfill  
April 4, 2025, 1:00 PM**

1. Introductions

- SWACO – Senior Environmental Manager, Matt Reardon
- SWACO – Compliance Supervisor, Daniel Fannin
- SWACO – Environmental Project Administrator, Chad Bellenie
- SWACO – Environmental Project Administrator, Andrew Tenison
- SWACO – Senior Operations Manager, Adam Burleseon
- SWACO – Landfill Supervisor, Shilo Pletcher
- SWACO – Safety Manager, Gary McDaniel
- Tetra Tech – Project Manager – Jakub Sowa
- Tetra Tech – Project Manager – Jim Walker

2. Meeting sign-in sheet and Teams email sign in

3. Project Dates

- Bid questions due: Friday, April 18, 2025, at 4:00 PM EST via email at [procurement@swaco.org](mailto:procurement@swaco.org). (see RFB)
- Bids due: Friday, April 25, 2025, at 1:30 PM EST via electronic upload (see RFB)
- Expected award: May 13, 2025 (after the board meeting)
- Earliest start date: May 14, 2025
- Project completion: project must be completed within 12 weeks

4. Bid Submittal

- Requirements described in Sections III and IV of the Request for Bids
- We will issue an Addendum requesting proposed start and completion dates and stating the project is not to exceed 12 weeks

5. Project Plan / Specifications / Bid Form Review

- All materials supplied by Contractor
- Measurement and Payment Section 01025 provides detailed information for each bid item

6. Additional Information

- All work must be in compliance with all of the facility permits, and local, state, and federal laws.
- Prevailing Wage: See Article XVI of RFB
- The Contractor is responsible for protection of existing groundwater monitoring wells, underground utilities, leachate forcemain, underground gas piping, and any structures during construction.

- Contractor must coordinate work with SWACO operations including waste placement traffic and haul road traffic.
  - Bi-weekly meetings are to be attended by the Contractor's Project Manager and Superintendent.
  
  - Hours of GCCS Work:
    - Monday-Friday – 7:00 a.m. to 5:00 p.m. Last load of refuse to be delivered to the working face no later than 4:30 p.m.
    - Saturday – 7:00 a.m. to 12:00 p.m. Last load of refuse to be delivered to the working face no later than 11:30 a.m.
    - Sunday – No work.
    - Any additional hours outside of the designated work hours above must be pre-approved by SWACO's Project Manager.
    - Contractors are never permitted to work without a SWACO designated representative onsite.
  - Liquidated damages: \$3,000 per calendar day
7. Survey layout & As-built Plans: To be performed by Contractor: see Specification 01050
8. Arrangements for site visit of project area – scheduled and completed thru, April 16, 2025, by contacting Daniel Fannin at [dannyfannin@swaco.org](mailto:dannyfannin@swaco.org)

2025 GCCS Construction Project  
Franklin County Sanitary Landfill  
Pre-Bid Meeting Sign in Sheet  
April 4, 2025

| Name               | Company                   | Cell Phone Number | Email                           |
|--------------------|---------------------------|-------------------|---------------------------------|
| Mike Scifert       | Miller Pipeline           | 604-800-1086      | Mike.Scifert@millerpipeline.com |
| Nathan Wilson      | RB Jergens                | 937-716-5218      | Nathan.Wilson@RBJergens.com     |
| Tom Pottloff       | RB Jergens                | 937-238-1103      |                                 |
| Denny Wojno        | R&L Development           | (724)840-2633     | Dwojno@RLDEVCO.com              |
| Kevin Shull        | Tetra Tech/AEG            | 330-352-9614      | Kevin.Shull@tetratech.com       |
| Robert Schiffhauer | Continuum Environmental   | 330-840-1468      | Rob@continuumenv.com            |
| Nik Balds          | Continuum Environmental   | 724-814-6769      | nbalds@continuumenv.com         |
| Mike Perry         | Ryan Inc. Central         | 608 322 8937      | mike.perry@ryancentral.com      |
| Derek Grizzle      | Greenbright Environmental | 740-288-6434      | dgrizzle@greenbrightenv.com     |
|                    |                           |                   |                                 |
|                    |                           |                   |                                 |
|                    |                           |                   |                                 |

# CONSTRUCTION PLANS FOR THE 2025 GAS COLLECTION AND CONTROL SYSTEM FRANKLIN COUNTY SANITARY LANDFILL GROVE CITY, OHIO

APRIL 2025

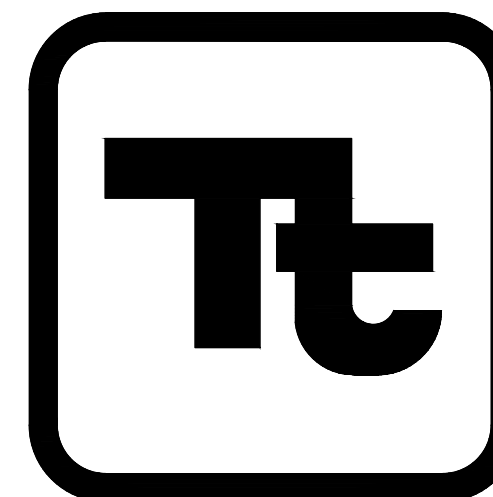
**ADDENDUM 2**

PREPARED FOR:



4239 LONDON-GROVEPORT ROAD  
GROVE CITY, OHIO 43123

PREPARED BY:



**TETRA TECH**

1250 E DIEHL ROAD  
SUITE 103  
NAPERVILLE, ILLINOIS 60563  
Tel: (630) 633-5519  
Fax (630) 791-9003

## INDEX OF DRAWINGS

|     |                                        |
|-----|----------------------------------------|
| 1   | EXISTING CONDITIONS SITE PLAN          |
| 2   | PROPOSED CONSTRUCTION SITE PLAN        |
| 3A  | PROPOSED PERIMETER HEADER PLAN/PROFILE |
| 3B  | PROPOSED PERIMETER HEADER PLAN/PROFILE |
| 3C  | PROPOSED PERIMETER HEADER PLAN/PROFILE |
| DS1 | DETAILS                                |
| DS2 | DETAILS                                |
| DS3 | DETAILS                                |
| DS4 | DETAILS                                |
| DS5 | DETAILS                                |

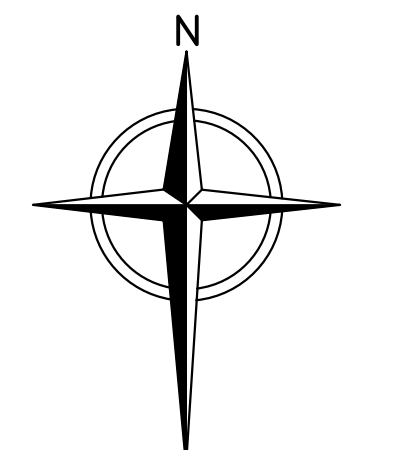
**NOTE:**

THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE, AND UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. SOME INFORMATION MAY HAVE BEEN DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. SUCH INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. CONTACT OHIO 811 AT 1-(800) 362-2764 OR CALL 811 (OR UTILIZE THEIR E-LOCATE SERVICE) AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 48 HOURS BEFORE CONSTRUCTION. THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES, LANDFILL LINERS, AND OTHER EXISTING FEATURES IN OR NEAR THE AREA OF WORK, WHETHER INDICATED ON THESE DRAWINGS OR NOT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY UNDERGROUND UTILITIES. THE CONTRACTOR SHALL COORDINATE ANY POTENTIAL DISRUPTIONS IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO THE DISRUPTION. THE CONTRACTOR SHALL REPAIR DAMAGE TO EXISTING UTILITIES AT THE CONTRACTOR'S EXPENSE.

**ISSUED FOR BID**

This drawing represents intellectual property of Tetra Tech, Inc. Any modification to the original by other than Tetra Tech, Inc. personnel violates its original purpose and as such is rendered void. Tetra Tech, Inc. will not be held liable for any changes made to this document without express written consent of the originator.

1" 1/2" 0" 1/2" 1"
   
 File: \\A:\Projects\2025\2025-0023\0023-0023\0023-0023.dwg
   
 User: jpk@swaco.com
   
 Date: 4/10/2025
   
 Time: 8:55am



SCALE IN FEET  
0 200 400

**LEGEND**

- PERMITTED SOLID WASTE BOUNDARY
- - - PHASE BOUNDARY
- - - SEPARATORY LINER
- - - 900' EXISTING 10' CONTOUR
- - - 24" EXISTING 2' CONTOUR
- - - EXISTING LFG HEADER - BELOW GROUND
- - - EXISTING LFG HEADER - ABOVE GROUND
- - - EXISTING HORIZONTAL COLLECTOR
- - - EXISTING HOPE AIR LINE
- - - EXISTING HOPE FORCEMAIN
- ⊙ EW-100 EXISTING LFG EXTRACTION WELL
- ⊙ RW-85 EXISTING REMOTE WELLHEAD
- ⊙ EW-258 EXISTING LFG EXTRACTION WELL (SEP LINER)
- ⊙ EW-240 EXISTING LFG EXTRACTION WELL (CAISSON)
- ⊙ EXISTING ROCK PAD
- ⊙ EXISTING HEADER ACCESS RISER
- X- EXISTING ISOLATION VALVE
- | EXISTING BLIND FLANGE
- | EXISTING FLANGE CONNECTION
- | EXISTING REDUCER FITTING
- ⊙ DL EXISTING CONDENSATE DRIPLEG
- ⊙ EXISTING ROAD CROSSING
- HP EXISTING HEADER HIGH POINT
- LCR EXISTING LEACHATE CLEANOUT RISER
- PS-6 EXISTING LEACHATE PUMP STATION
- ◇ CS EXISTING CONDENSATION PUMP STATION
- ⊙ EXISTING CONDENSATION VALVE
- ⊙ EXISTING AIRLINE VALVE
- ⊙ EXISTING HORIZONTAL COLLECTOR SUMP
- ⊙ EXISTING FORCEMAIN CLEANOUT
- ⊙ EXISTING WELL BORE SEAL
- ⊙ EXISTING FINAL CLOSURE CERTIFICATION LIMITS



- NOTES:**
1. EXISTING CONTOURS BASED ON AERIAL SURVEY DATED 12/17/2024 PROVIDED BY SWACO.
  2. 2024 GCCS AS-BUILT COMPONENTS TAKEN FROM FILE PROVIDED BY SWACO TITLED "AS-BUILT TOP GAS PIPING 11-8-24" RECEIVED ON 11/8/2024.

1" = 1/2" 0'  
 File: \\M:\Projects\GCCS\AS-BUILT\2025\GCCS-2025-001.dwg Layout: E001 User: jhudson Apr 10, 2025 8:55am

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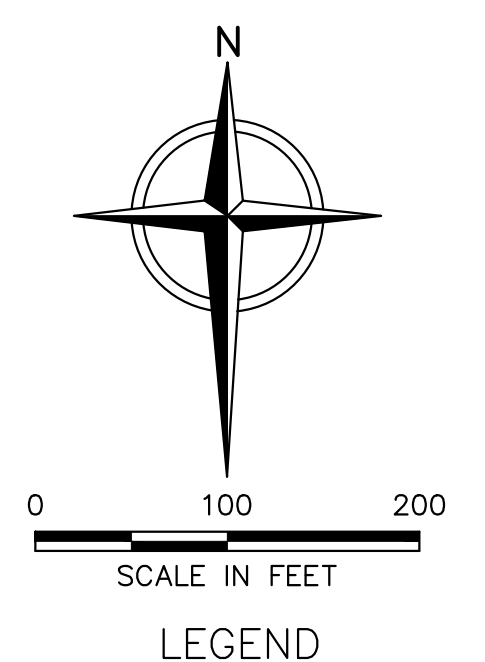


**ISSUED FOR BID - ADDENDUM 2**

SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

**2025 GCCS CONSTRUCTION  
EXISTING CONDITIONS SITE PLAN**

SHEET NO.  
**1**  
PROJECT NO.  
209-4251350

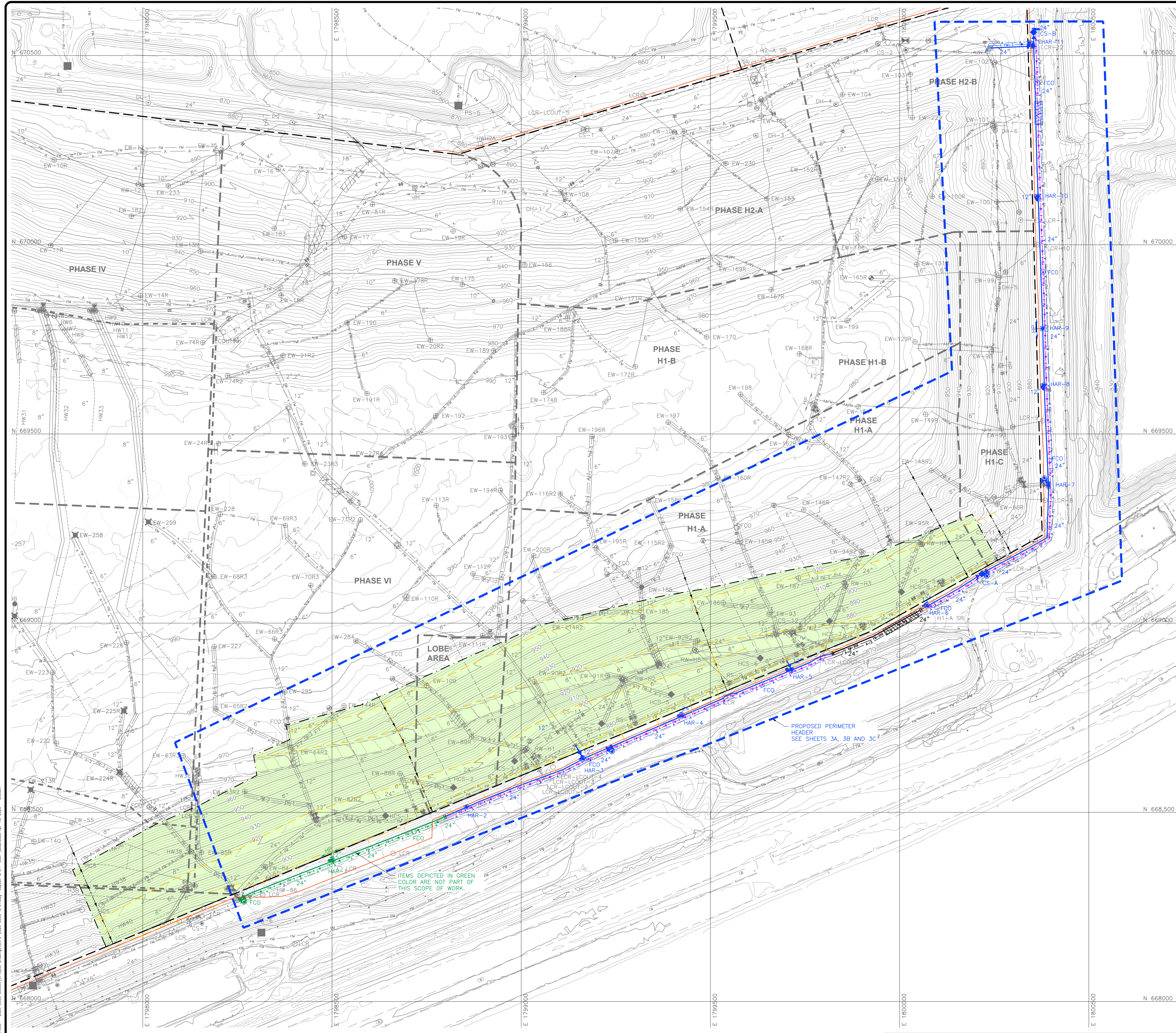


**LEGEND**

|  |                                             |
|--|---------------------------------------------|
|  | PERMITTED SOLID WASTE BOUNDARY              |
|  | PHASE BOUNDARY                              |
|  | SEPARATORY LINER                            |
|  | EXISTING 10' CONTOUR                        |
|  | EXISTING 2' CONTOUR                         |
|  | EXISTING LFG HEADER - BELOW GROUND          |
|  | EXISTING LFG HEADER - ABOVE GROUND          |
|  | EXISTING HORIZONTAL COLLECTOR               |
|  | EXISTING HDPE AIR LINE                      |
|  | EXISTING HDPE FORCEMAIN                     |
|  | EXISTING LFG EXTRACTION WELL                |
|  | EXISTING REMOTE WELLHEAD                    |
|  | EXISTING LFG EXTRACTION WELL (SEP LINER)    |
|  | EXISTING LFG EXTRACTION WELL (CAISSON)      |
|  | EXISTING ROCK PAD                           |
|  | EXISTING HEADER ACCESS RISER                |
|  | EXISTING ISOLATION VALVE                    |
|  | EXISTING BLIND FLANGE                       |
|  | EXISTING FLANGE CONNECTION                  |
|  | EXISTING REDUCER FITTING                    |
|  | EXISTING CONDENSATE DRIPLEG                 |
|  | EXISTING ROAD CROSSING                      |
|  | EXISTING HEADER HIGH POINT                  |
|  | EXISTING LEACHATE CLEANOUT RISER            |
|  | EXISTING LEACHATE PUMP STATION              |
|  | EXISTING CONDENSATION PUMP STATION          |
|  | EXISTING FORCEMAIN VALVE                    |
|  | EXISTING AIRLINE VALVE                      |
|  | EXISTING HORIZONTAL COLLECTOR SUMP          |
|  | EXISTING FORCEMAIN CLEANOUT                 |
|  | EXISTING WELL BORE SEAL                     |
|  | EXISTING FINAL CLOSURE CERTIFICATION LIMITS |
|  | EXISTING ANCHOR TRENCH LINER BOUNDARY       |
|  | EXISTING FINAL COVER TOE DRAINS             |
|  | PROPOSED LFG HEADER/LATERAL                 |
|  | PROPOSED 2" AIR LINE                        |
|  | PROPOSED 3" FORCEMAIN                       |
|  | PROPOSED 4" FORCEMAIN                       |
|  | PROPOSED HORIZONTAL COLLECTOR SUMP          |
|  | PROPOSED HEADER ACCESS RISER                |
|  | PROPOSED BLIND FLANGE                       |
|  | PROPOSED FLANGE CONNECTION                  |
|  | PROPOSED ANTI-SEEP COLLAR                   |
|  | PROPOSED HEADER ISOLATION VALVE             |
|  | PROPOSED FORCEMAIN ISOLATION VALVE          |
|  | PROPOSED AIRLINE ISOLATION VALVE            |
|  | PROPOSED FORCEMAIN CLEANOUT RISERS          |
|  | PROPOSED HIGH POINT                         |
|  | PROPOSED ROAD CROSSING                      |

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  - ALL LFG HEADER AND LATERAL PIPELINES TO BE SDR-17 HDPE WITH SDR-11 HDPE FITTINGS.
  - ALL AIR LINES AND FITTINGS TO BE SDR-9 HDPE.
  - ALL FORCEMAIN AND FITTINGS TO BE SDR-11 HDPE. FORCEMAIN AND FITTINGS INSTALLED OUTSIDE THE LIMITS OF WASTE TO HAVE SDR-17 HDPE CONTAINMENT.
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  - FEATURES, CONTOURS, AND ELEVATIONS OF THESE BASE MAPS ARE APPROXIMATE INDICATIONS OF CURRENT AND FUTURE CONDITIONS. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE ELEMENTS PRIOR TO, AND DURING CONSTRUCTION, AND SHALL FINALIZE THE GAS SYSTEM LOCATIONS TO ACCOMMODATE FINAL FIELD CONDITIONS, AS APPROVED BY THE OWNER/ENGINEER.
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  - WORK SHALL NOT VARY FROM DESIGN WITHOUT APPROVAL OF THE OWNER/ENGINEER.
  - CONTRACTOR TO REMOVE AND REUSE EXISTING PIPING AND FITTINGS WHERE APPLICABLE. CAP ALL ABANDONED PIPE. IF ABANDONED PIPE IS HDPE, USE FUSED ON HDPE CAP. IF ABANDONED PIPE IS PVC, USE PVC SCH 40 CAP SECURED WITH LAG SCREWS AT 90° AND SOLVENT WELD AS NECESSARY.
  - ITEMS DEPICTED IN GREEN COLOR ARE NOT PART OF THIS SCOPE OF WORK.

**ISSUED FOR BID - ADDENDUM 2**



ITEMS DEPICTED IN GREEN COLOR ARE NOT PART OF THIS SCOPE OF WORK.

PROPOSED PERIMETER HEADER SEE SHEETS 3A, 3B AND 3C

| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             | JRD    | JPS    | JPS    | JPS    |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

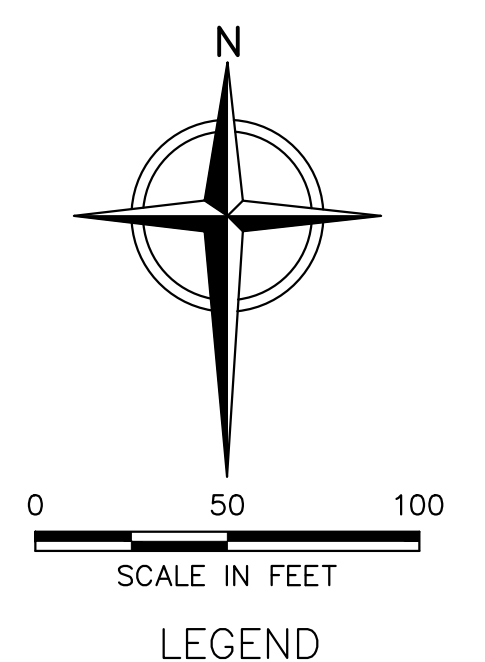
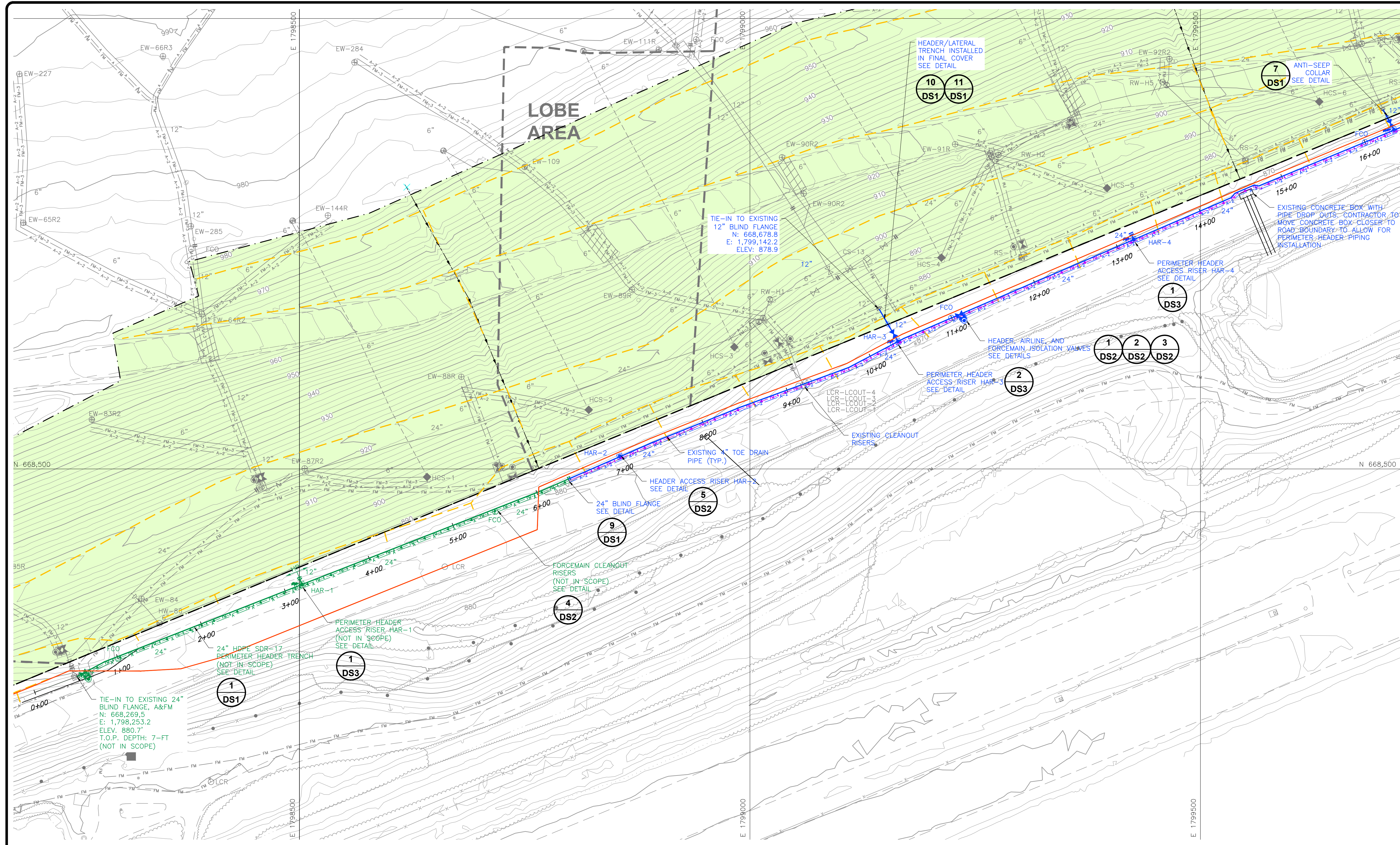
**2025 GCCS CONSTRUCTION  
PROPOSED CONSTRUCTION SITE PLAN**

SHEET NO.  
**2**

PROJECT NO.  
209-4251350

1" = 1/2" = 0'

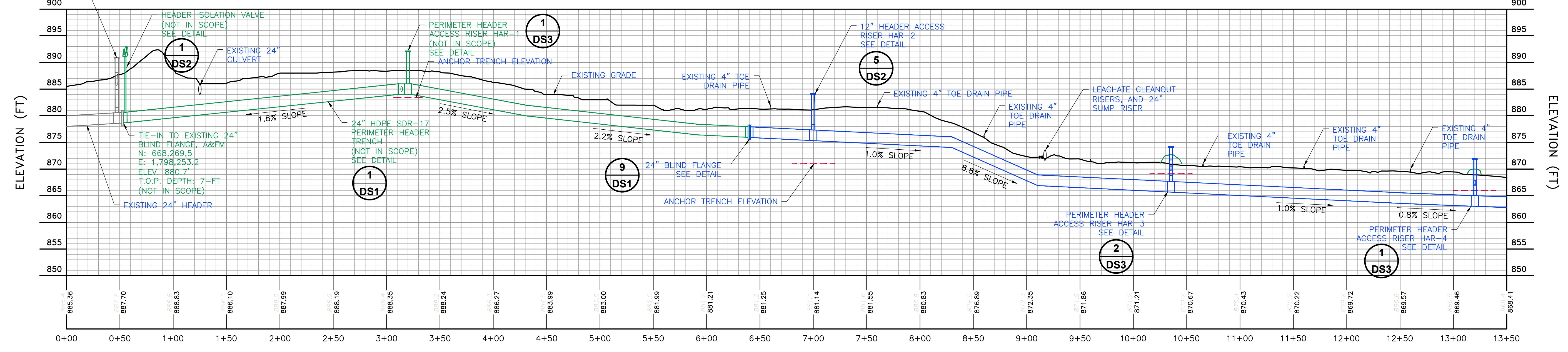
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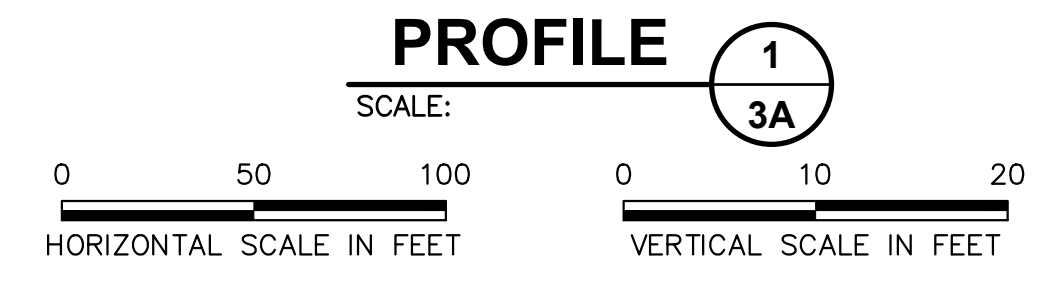
**LEGEND**

|  |                                             |
|--|---------------------------------------------|
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|  | EXISTING HORIZONTAL COLLECTOR SUMP          |
|  | EXISTING FORCEMAIN CLEANOUT                 |
|  | EXISTING WELL BORE SEAL                     |
|  | EXISTING FINAL CLOSURE CERTIFICATION LIMITS |
|  | EXISTING ANCHOR TRENCH LINER BOUNDARY       |
|  | EXISTING FINAL COVER TOE DRAINS             |
|  | PROPOSED LFG HEADER/LATERAL                 |
|  | PROPOSED 2\"/>                              |

LONGITUDINAL PROFILE 24" PERIMETER HEADER (0-13+50)



PROFILE 1 3A



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ISSUED FOR BID - ADDENDUM 2

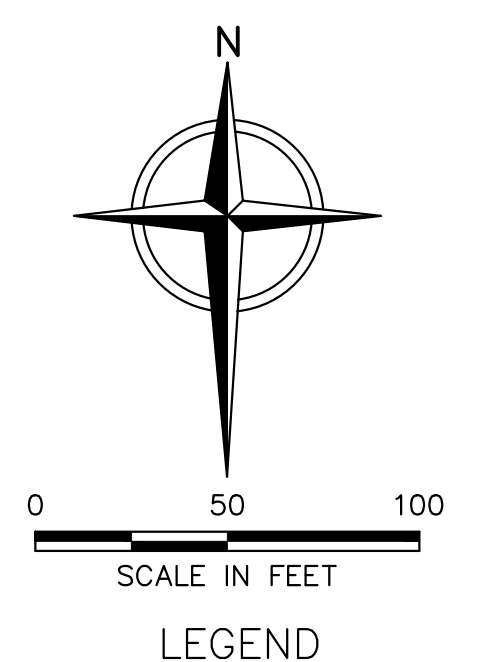
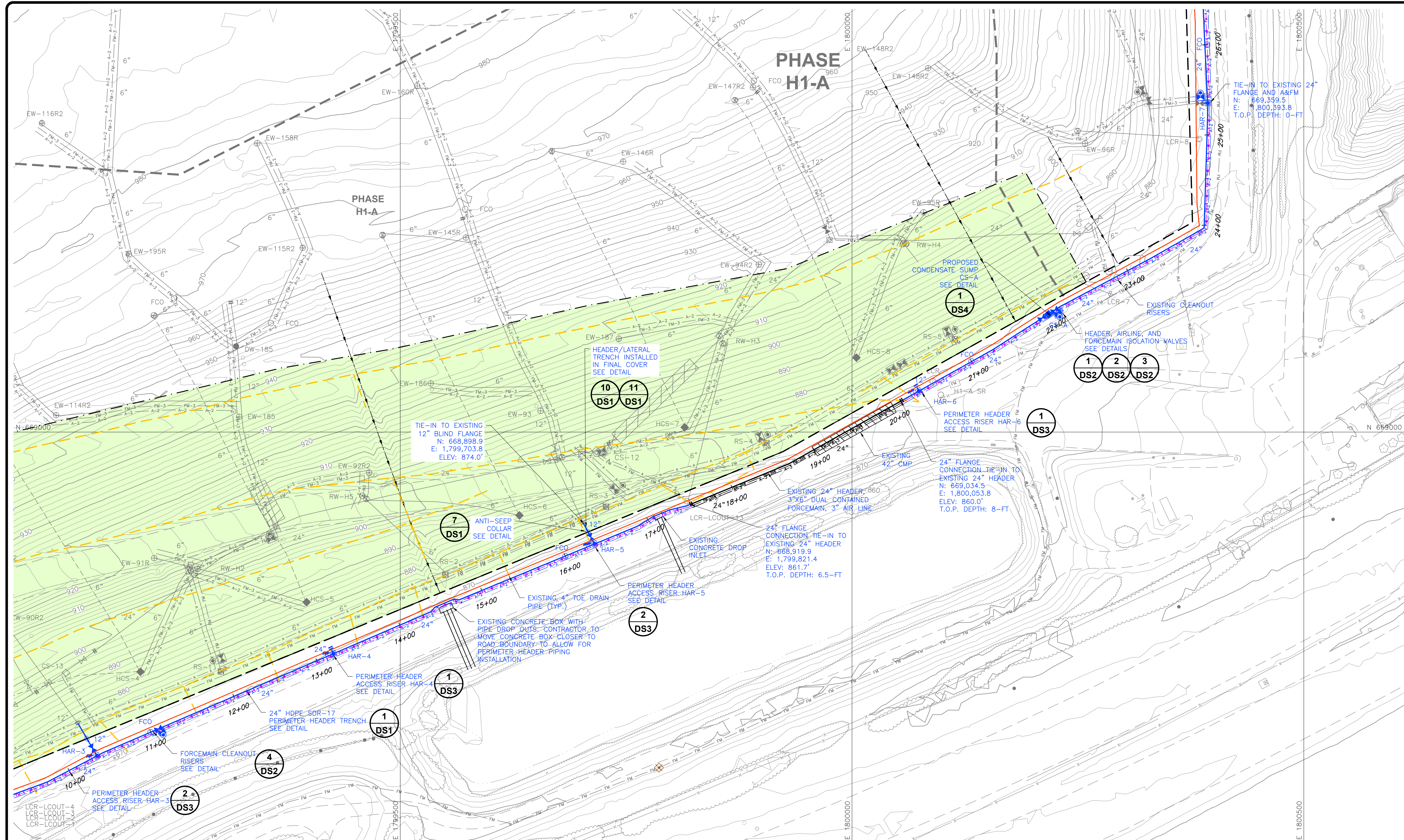
| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             | JRD    | JPS    | JPS    | JPS    |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

2025 GCCS CONSTRUCTION  
PROPOSED PERIMETER HEADER PLAN/PROFILE

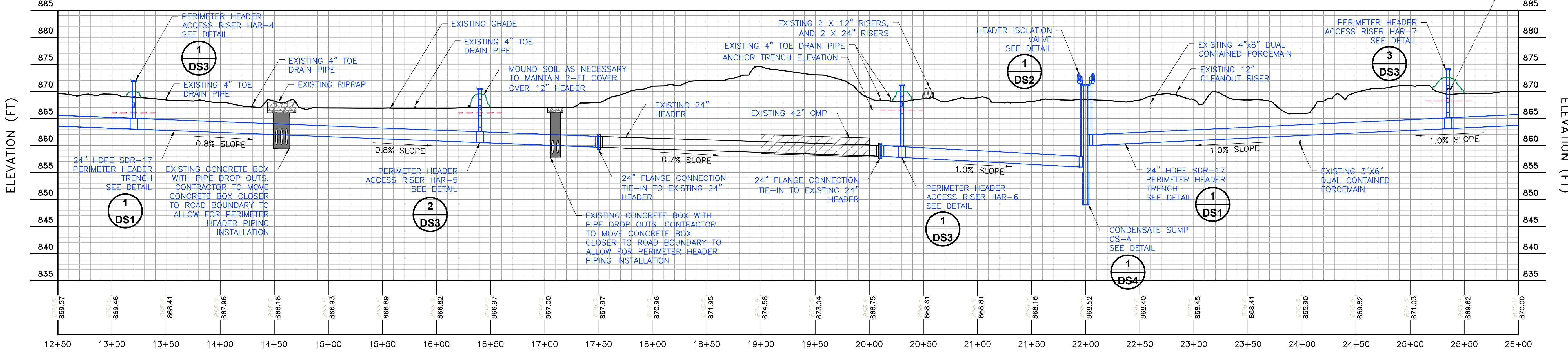
SHEET NO. **3A**  
PROJECT NO. 209-4251350



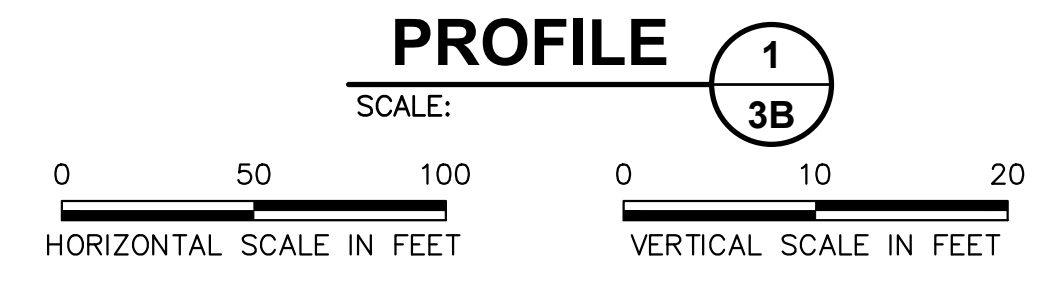
**LEGEND**

|        |                                             |
|--------|---------------------------------------------|
| ---    | PERMITTED SOLID WASTE BOUNDARY              |
| ---    | PHASE BOUNDARY                              |
| ---    | SEPARATORY LINER                            |
| ---    | EXISTING 10' CONTOUR                        |
| ---    | EXISTING 2' CONTOUR                         |
| ---    | EXISTING LFG HEADER - BELOW GROUND          |
| ---    | EXISTING LFG HEADER - ABOVE GROUND          |
| ---    | EXISTING HORIZONTAL COLLECTOR               |
| ---    | EXISTING HDPE AIR LINE                      |
| ---    | EXISTING HDPE FORCEMAIN                     |
| EW-100 | EXISTING LFG EXTRACTION WELL                |
| RW-85  | EXISTING REMOTE WELLHEAD                    |
| EW-258 | EXISTING LFG EXTRACTION WELL (SEP LINER)    |
| EW-240 | EXISTING LFG EXTRACTION WELL (CAISSON)      |
| ---    | EXISTING ROCK PAD                           |
| ---    | EXISTING HEADER ACCESS RISER                |
| ---    | EXISTING ISOLATION VALVE                    |
| ---    | EXISTING BLIND FLANGE                       |
| ---    | EXISTING FLANGE CONNECTION                  |
| ---    | EXISTING REDUCER FITTING                    |
| DL     | EXISTING CONDENSATE DRIPLEG                 |
| HP     | EXISTING ROAD CROSSING                      |
| ---    | EXISTING HEADER HIGH POINT                  |
| ---    | EXISTING LEACHATE CLEANOUT RISER            |
| PS-6   | EXISTING LEACHATE PUMP STATION              |
| CS     | EXISTING CONDENSATION PUMP STATION          |
| ---    | EXISTING FORCEMAIN VALVE                    |
| ---    | EXISTING AIRLINE VALVE                      |
| ---    | EXISTING HORIZONTAL COLLECTOR SUMP          |
| ---    | EXISTING FORCEMAIN CLEANOUT                 |
| ---    | EXISTING WELL BORE SEAL                     |
| ---    | EXISTING FINAL CLOSURE CERTIFICATION LIMITS |
| ---    | EXISTING ANCHOR TRENCH LINER BOUNDARY       |
| ---    | EXISTING FINAL COVER TOE DRAINS             |
| ---    | PROPOSED LFG HEADER/LATERAL                 |
| ---    | PROPOSED 2" AIR LINE                        |
| ---    | PROPOSED 3" FORCEMAIN                       |
| ---    | PROPOSED 4" FORCEMAIN                       |
| ---    | PROPOSED HORIZONTAL COLLECTOR SUMP          |
| ---    | PROPOSED HEADER ACCESS RISER                |
| ---    | PROPOSED BLIND FLANGE                       |
| ---    | PROPOSED FLANGE CONNECTION                  |
| ---    | PROPOSED ANTI-SEEP COLLAR                   |
| ---    | PROPOSED HEADER ISOLATION VALVE             |
| ---    | PROPOSED FORCEMAIN ISOLATION VALVE          |
| ---    | PROPOSED AIRLINE ISOLATION VALVE            |
| ---    | PROPOSED FORCEMAIN CLEANOUT RISERS          |
| ---    | PROPOSED HIGH POINT                         |
| ---    | PROPOSED ROAD CROSSING                      |

LONGITUDINAL PROFILE 24" PERIMETER HEADER (12+50-26+00)



PROFILE 1 3B



- NOTES:**
- EXISTING CONTOURS BASED ON AERIAL SURVEY DATED 12/17/2024 PROVIDED BY SWACO.
  - 2024 GCCS AS-BUILT COMPONENTS TAKEN FROM FILE PROVIDED BY SWACO TITLED "AS-BUILT TOP GAS PIPING 11-8-24" RECEIVED ON 11/8/2024.
  - LOCATION OF PROPOSED LANDFILL GAS COLLECTION AND CONTROL SYSTEM COMPONENTS IS APPROXIMATE AND MAY VARY TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. ALL HORIZONTAL AND VERTICAL DATUM TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
  - ALL LFG HEADER AND LATERAL PIPELINES TO BE SDR-17 HDPE WITH SDR-11 HDPE FITTINGS.
  - ALL AIR LINES AND FITTINGS TO BE SDR-9 HDPE.
  - ALL FORCEMAIN AND FITTINGS TO BE SDR-11 HDPE. FORCEMAIN AND FITTINGS INSTALLED OUTSIDE THE LIMITS OF WASTE TO HAVE SDR-17 HDPE CONTAINMENT.
  - NO TEE FITTINGS ARE TO BE USED ON ANY FORCEMAIN PIPING OR TIE-INS. MOLDED SWEEPING ELBOWS, MOLDED 45° ELBOWS, AND MOLDED WYES TO BE USED FOR ALL SINGLE PIPE FORCEMAIN. SHOP FABRICATED DUAL CONTAINED 45° ELBOWS AND SHOP FABRICATED DUAL CONTAINED WYES TO BE USED FOR ALL DUAL PIPE FORCEMAIN. NO 90° ELBOWS ARE TO BE USED IN THE DUAL PIPE FORCEMAIN UNLESS AUTHORIZED BY OWNER ON A CASE-BY-CASE BASIS.
  - CONTRACTOR TO SURVEY AND STAKE PIPING ALIGNMENTS WITH GRADES AND OBTAIN APPROVAL FROM ENGINEER AND OWNER PRIOR TO PROCEEDING.
  - THE CONTRACTOR SHALL LAY OUT THE PIPE TO CONFORM TO FIELD CONDITIONS. PROVIDE 48" MINIMUM COVER AND 5% MINIMUM SLOPE CROSSING BELOW PERIMETER AND MAIN HAUL ROADS. PROVIDE MINIMUM PIPE DRAINAGE SLOPES OF 3% WITHIN WASTE LIMIT AND 1% OUTSIDE OF WASTE LIMIT, UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE FOR CUT (12" MAX, UNLESS OTHERWISE NOTED PER PLAN) AND FILL BENEATH PIPE TO ENSURE PROPER DRAINAGE, AS APPROVED BY THE OWNER/ENGINEER.
  - FEATURES, CONTOURS, AND ELEVATIONS OF THESE BASE MAPS ARE APPROXIMATE INDICATIONS OF CURRENT AND FUTURE CONDITIONS. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE ELEMENTS PRIOR TO, AND DURING CONSTRUCTION, AND SHALL FINALIZE THE GAS SYSTEM LOCATIONS TO ACCOMMODATE FINAL FIELD CONDITIONS, AS APPROVED BY THE OWNER/ENGINEER.
  - ALL CONNECTIONS TO EXISTING PIPING SHALL BE CONFIRMED BY THE CONTRACTOR. SOME CONNECTIONS MAY REQUIRE EXCAVATION.
  - ALL PIPING SHALL BE PRESSURE TESTED BY CONTRACTOR ACCORDING TO PRESSURE TESTING REQUIREMENTS PROVIDED BY THE ENGINEER.
  - WORK SHALL NOT VARY FROM DESIGN WITHOUT APPROVAL OF THE OWNER/ENGINEER.
  - CONTRACTOR TO REMOVE AND REUSE EXISTING PIPING AND FITTINGS WHERE APPLICABLE. CAP ALL ABANDONED PIPE. IF ABANDONED PIPE IS HDPE, USE FUSED ON HDPE CAP. IF ABANDONED PIPE IS PVC, USE PVC SCH 40 CAP SECURED WITH LAG SCREWS AT 90° AND SOLVENT WELD AS NECESSARY.
  - ITEMS DEPICTED IN GREEN COLOR ARE NOT PART OF THIS SCOPE OF WORK.

ISSUED FOR BID - ADDENDUM 2

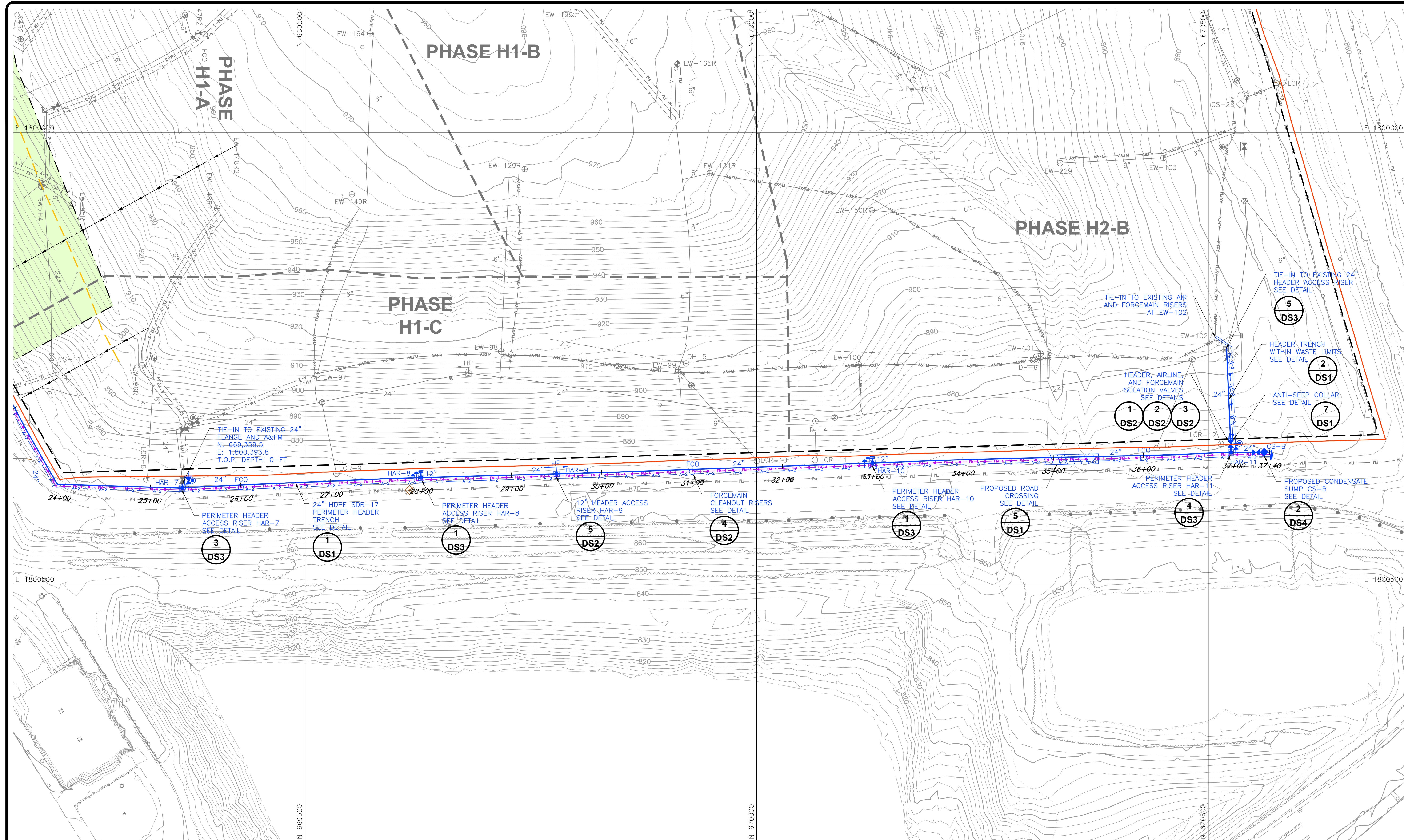
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| 04/19/25 |      |             | JRD    | JPS    | JPS    | JGW    |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

2025 GCCS CONSTRUCTION  
PROPOSED PERIMETER HEADER PLAN/PROFILE

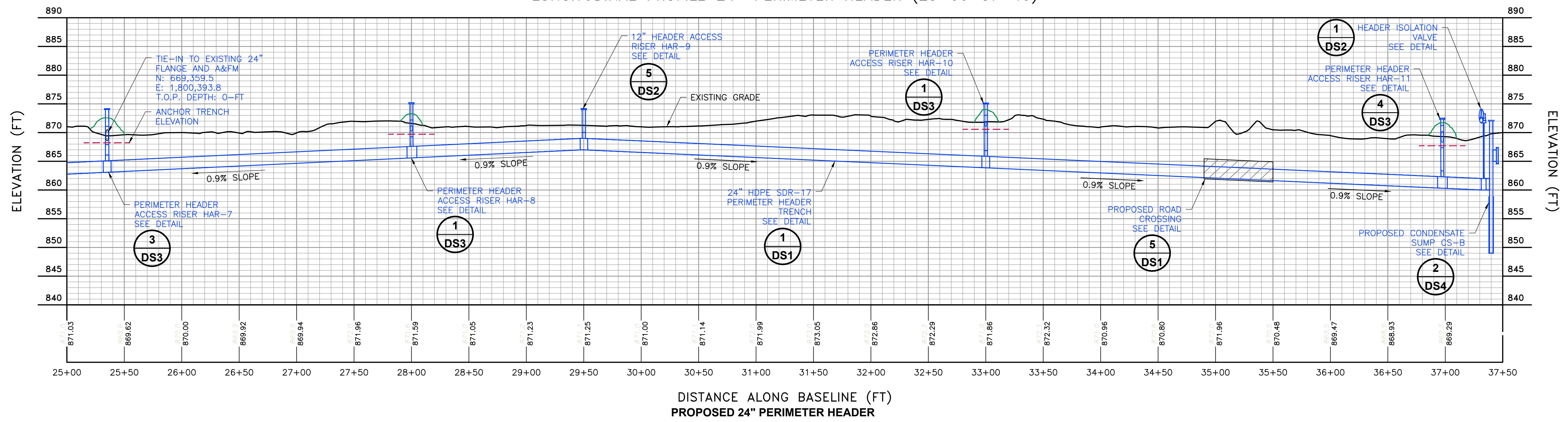
SHEET NO. **3B**  
PROJECT NO. 209-4251350



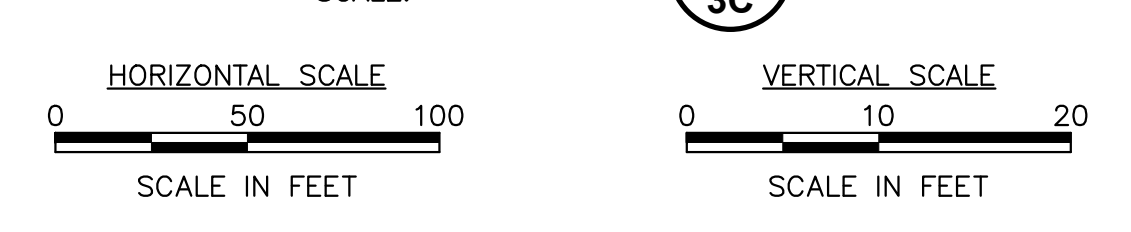
**LEGEND**

- PERMITTED SOLID WASTE BOUNDARY
- PHASE BOUNDARY
- SEPARATORY LINER
- 900- EXISTING 10' CONTOUR
- 24" EXISTING 2' CONTOUR
- EXISTING LFG HEADER - BELOW GROUND
- EXISTING LFG HEADER - ABOVE GROUND
- EXISTING HORIZONTAL COLLECTOR
- EXISTING HDPE AIR LINE
- EXISTING HDPE FORCEMAIN
- ⊕ EW-100 EXISTING LFG EXTRACTION WELL
- ⊕ RW-85 EXISTING REMOTE WELLHEAD
- ⊕ EW-258 EXISTING LFG EXTRACTION WELL (SEP LINER)
- ⊕ EW-240 EXISTING LFG EXTRACTION WELL (CAISSON)
- ⊕ EXISTING ROCK PAD
- ⊕ EXISTING HEADER ACCESS RISER
- ⊕ EXISTING ISOLATION VALVE
- ⊕ EXISTING BLIND FLANGE
- ⊕ EXISTING FLANGE CONNECTION
- ⊕ EXISTING REDUCER FITTING
- ⊕ EXISTING CONDENSATE DRIPLEG
- HP EXISTING ROAD CROSSING
- ⊕ EXISTING HEADER HIGH POINT
- ⊕ EXISTING LEACHATE CLEANOUT RISER
- ⊕ PS-6 EXISTING LEACHATE PUMP STATION
- ⊕ CS EXISTING CONDENSATION PUMP STATION
- ⊕ EXISTING FORCEMAIN VALVE
- ⊕ EXISTING AIRLINE VALVE
- ⊕ EXISTING HORIZONTAL COLLECTOR SUMP
- ⊕ EXISTING FORCEMAIN CLEANOUT
- ⊕ EXISTING WELL BORE SEAL
- EXISTING FINAL CLOSURE CERTIFICATION LIMITS
- EXISTING ANCHOR TRENCH LINER BOUNDARY
- EXISTING FINAL COVER TOE DRAINS
- PROPOSED LFG HEADER/LATERAL
- PROPOSED 2" AIR LINE
- PROPOSED 3" FORCEMAIN
- PROPOSED 3"x6" DUAL CONTAINED FORCEMAIN
- ⊕ CS- PROPOSED HORIZONTAL COLLECTOR SUMP
- ⊕ EXISTING HEADER ACCESS RISER
- ⊕ PROPOSED BLIND FLANGE
- ⊕ PROPOSED FLANGE CONNECTION
- ⊕ PROPOSED ANTI-SEEP COLLAR
- ⊕ PROPOSED HEADER ISOLATION VALVE
- ⊕ PROPOSED FORCEMAIN ISOLATION VALVE
- ⊕ EXISTING AIRLINE ISOLATION VALVE
- ⊕ PROPOSED FORCEMAIN CLEANOUT RISERS
- ⊕ PROPOSED HIGH POINT
- HP PROPOSED ROAD CROSSING

LONGITUDINAL PROFILE 24" PERIMETER HEADER (25+00-37+40)



PROFILE 1 3C



- NOTES:**
- EXISTING CONTOURS BASED ON AERIAL SURVEY DATED 12/17/2024 PROVIDED BY SWACO.
  - 2024 GCCS AS-BUILT COMPONENTS TAKEN FROM FILE PROVIDED BY SWACO TITLED "AS-BUILT TOP GAS PIPING 11-8-24" RECEIVED ON 11/8/2024.
  - LOCATION OF PROPOSED LANDFILL GAS COLLECTION AND CONTROL SYSTEM COMPONENTS IS APPROXIMATE AND MAY VARY TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. ALL HORIZONTAL AND VERTICAL DATUM TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
  - ALL LFG HEADER AND LATERAL PIPELINES TO BE SDR-17 HDPE WITH SDR-11 HDPE FITTINGS.
  - ALL AIR LINES AND FITTINGS TO BE SDR-9 HDPE.
  - ALL FORCEMAIN AND FITTINGS TO BE SDR-11 HDPE. FORCEMAIN AND FITTINGS INSTALLED OUTSIDE THE LIMITS OF WASTE TO HAVE SDR-17 HDPE CONTAINMENT.
  - NO TEE FITTINGS ARE TO BE USED ON ANY FORCEMAIN PIPING OR TIE-INS. MOLDED SWEEPING ELBOWS, MOLDED 45° ELBOWS, AND MOLDED WYES TO BE USED FOR ALL SINGLE PIPE FORCEMAIN. SHOP FABRICATED DUAL CONTAINED 45° ELBOWS AND SHOP FABRICATED DUAL CONTAINED WYES TO BE USED FOR ALL DUAL PIPE FORCEMAIN. NO 90° ELBOWS ARE TO BE USED IN THE DUAL PIPE FORCEMAIN UNLESS AUTHORIZED BY OWNER ON A CASE-BY-CASE BASIS.
  - CONTRACTOR TO SURVEY AND STAKE PIPING ALIGNMENTS WITH GRADES AND OBTAIN APPROVAL FROM ENGINEER AND OWNER PRIOR TO PROCEEDING.
  - THE CONTRACTOR SHALL LAY OUT THE PIPE TO CONFORM TO FIELD CONDITIONS. PROVIDE 48" MINIMUM COVER AND 5% MINIMUM SLOPE CROSSING BELOW PERIMETER AND MAIN HAUL ROADS. PROVIDE MINIMUM PIPE DRAINAGE SLOPES OF 3% WITHIN WASTE LIMIT AND 1% OUTSIDE OF WASTE LIMIT, UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE FOR CUT (12" MAX, UNLESS OTHERWISE NOTED PER PLAN) AND FILL BENEATH PIPE TO ENSURE PROPER DRAINAGE, AS APPROVED BY THE OWNER/ENGINEER.
  - FEATURES, CONTOURS, AND ELEVATIONS OF THESE BASE MAPS ARE APPROXIMATE INDICATIONS OF CURRENT AND FUTURE CONDITIONS. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE ELEMENTS PRIOR TO, AND DURING CONSTRUCTION, AND SHALL FINALIZE THE GAS SYSTEM LOCATIONS TO ACCOMMODATE FINAL FIELD CONDITIONS, AS APPROVED BY THE OWNER/ENGINEER.
  - ALL CONNECTIONS TO EXISTING PIPING SHALL BE CONFIRMED BY THE CONTRACTOR. SOME CONNECTIONS MAY REQUIRE EXCAVATION.
  - ALL PIPING SHALL BE PRESSURE TESTED BY CONTRACTOR ACCORDING TO PRESSURE TESTING REQUIREMENTS PROVIDED BY THE ENGINEER.
  - WORK SHALL NOT VARY FROM DESIGN WITHOUT APPROVAL OF THE OWNER/ENGINEER.
  - CONTRACTOR TO REMOVE AND REUSE EXISTING PIPING AND FITTINGS WHERE APPLICABLE. CAP ALL ABANDONED PIPE. IF ABANDONED PIPE IS HDPE, USE FUSED ON HDPE CAP. IF ABANDONED PIPE IS PVC, USE PVC SCH 40 CAP SECURED WITH LAG SCREWS AT 90° AND SOLVENT WELD AS NECESSARY.
  - ITEMS DEPICTED IN GREEN COLOR ARE NOT PART OF THIS SCOPE OF WORK.

ISSUED FOR BID - ADDENDUM 2

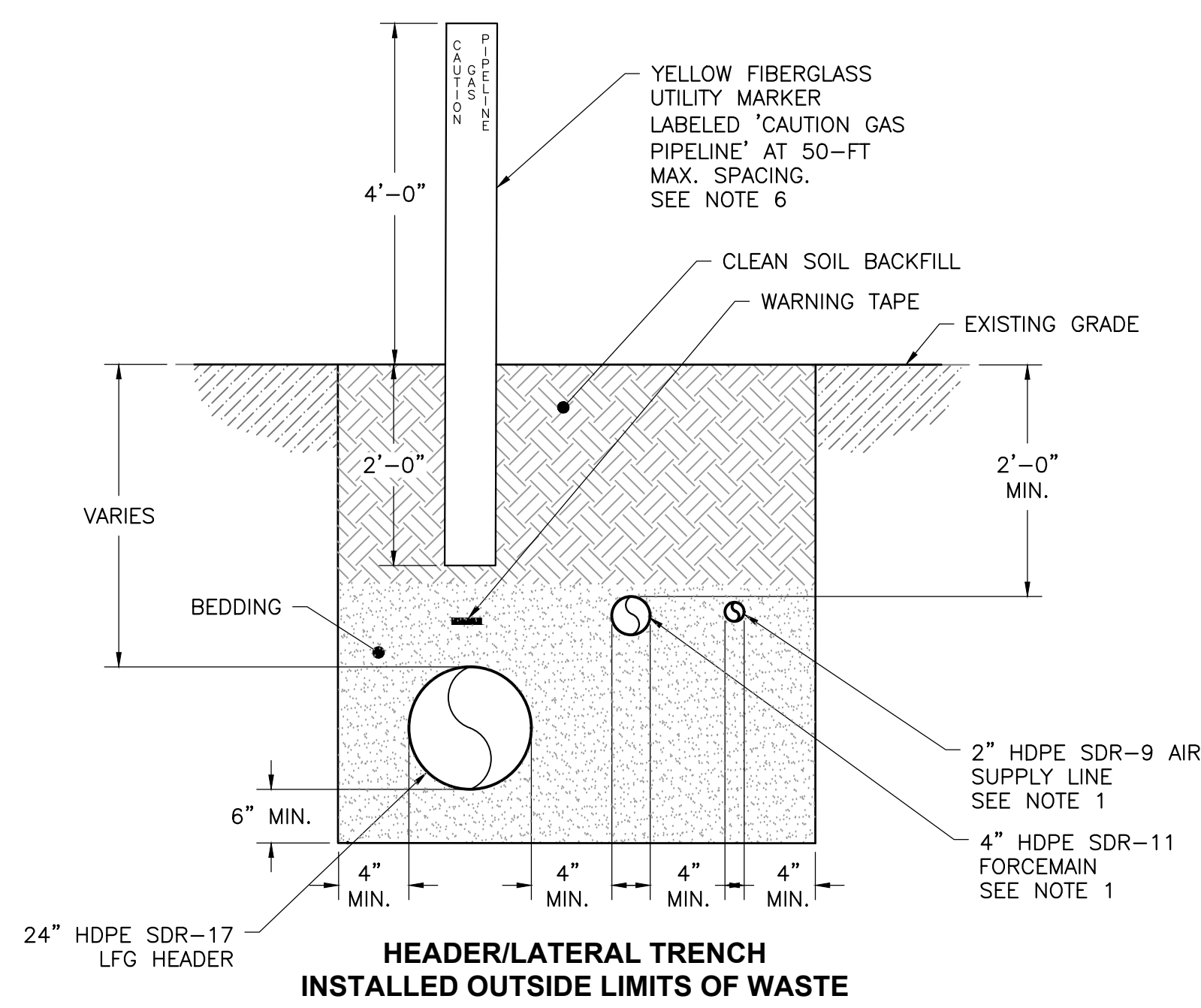
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| 04/10/25 |      |             | JRD    | JPS    | JPS    | JPS    |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

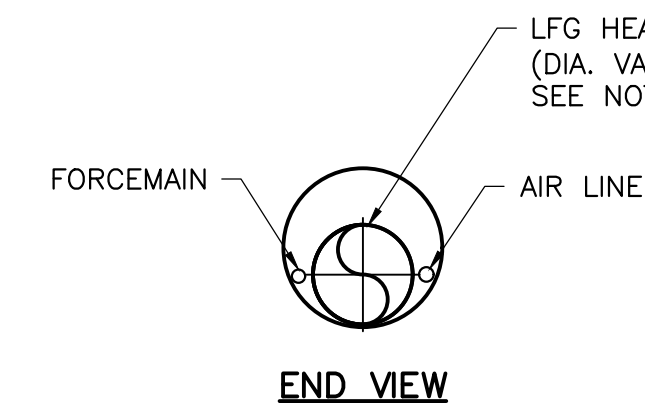
2025 GCCS CONSTRUCTION  
PROPOSED PERIMETER HEADER PLAN/PROFILE

SHEET NO. 3C  
PROJECT NO. 209-4251350

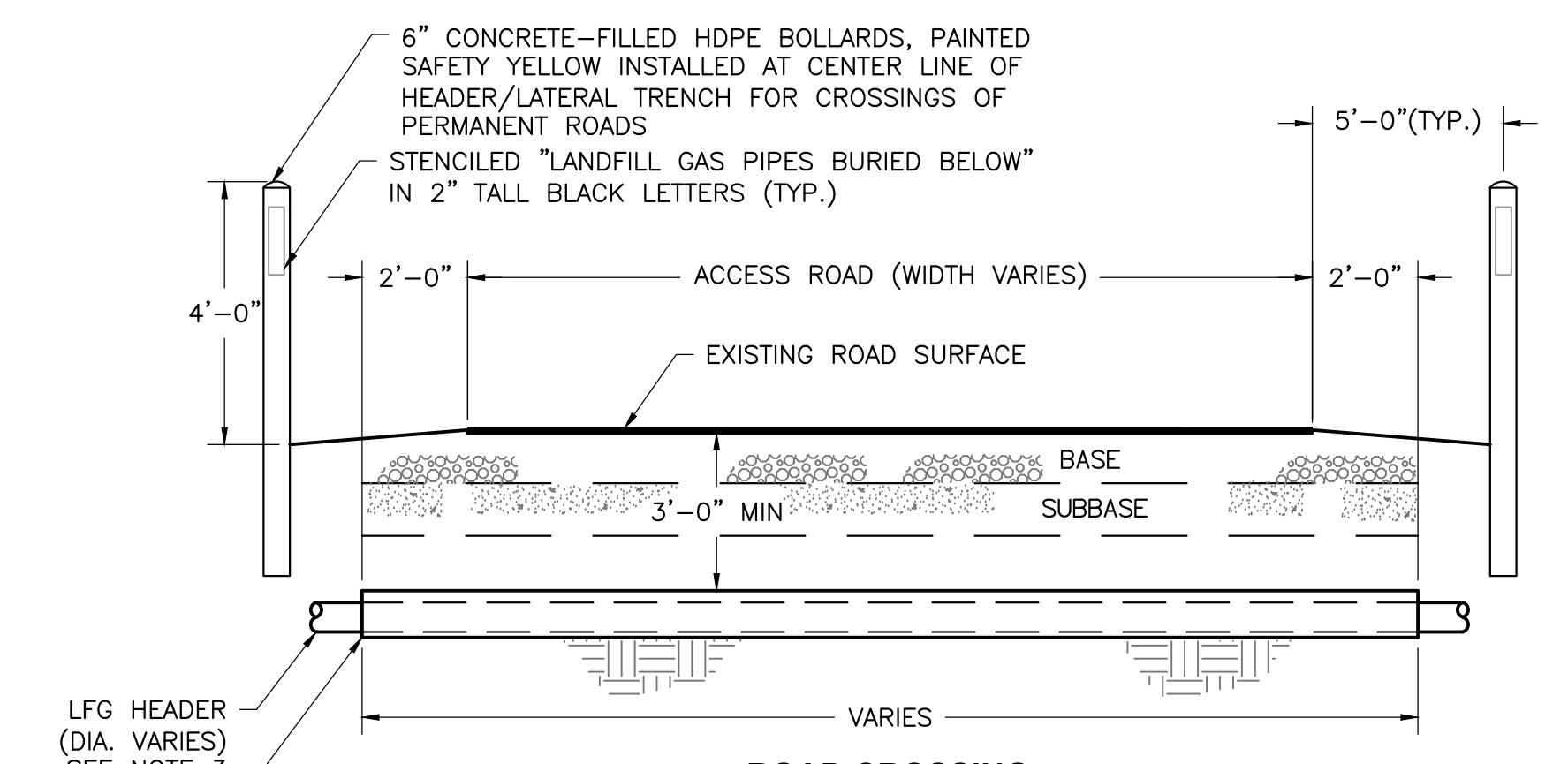


**DETAIL 1**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. ALL HEADER AND LATERAL PIPELINES TO BE SDR-17 HDPE WITH SDR-11 HDPE FITTINGS. ALL AIRLINES AND FITTINGS TO BE SDR-9 WITH YELLOW STRIPE MARKING. ALL FORCEMAINS AND FITTINGS TO BE SDR-11 WITH BLUE STRIPE MARKING. FORCEMAINS INSTALLED OUTSIDE THE LIMITS OF WASTE OR IN THE FINAL COVER AREAS TO HAVE HDPE SDR-17 DUAL CONTAINMENT.
  2. NO HARD ELBOWS (45° OR 90°) OR TEE FITTINGS TO BE USED ON ANY FORCEMAIN PIPING OR TIE-INS. MOLDED SWEEPING ELBOWS (45° OR 90°), MOLDED WYES AND FIELD BENDS TO BE USED FOR ALL SINGLE PIPE FORCEMAIN. SHOP FABRICATED DUAL CONTAINED SWEEP ELBOWS (45°) AND SHOP FABRICATED DUAL CONTAINED WYES TO BE USED FOR ALL DUAL PIPE FORCEMAIN. NO HARD ELBOWS (45° OR 90°), NO SWEEP 90° ELBOWS, OR TEE FITTINGS TO BE USED IN ANY DUAL PIPE FORCEMAIN.
  3. WARNING TAPE TO BE MIN. 3" WIDE AND IMPRINTED WITH "GAS LINE BURIED BELOW".
  4. ALL HEADER AND LATERAL TO BE INSTALLED AT 1% MIN. SLOPE UNLESS APPROVED IN ADVANCE BY ENGINEER.
  5. THE NUMBER AND TYPES OF PIPES TO BE INSTALLED IN THE TRENCH MAY VARY. REFER TO SITE PLAN.
  6. UTILITY MARKER TO BE CARSONITE MODEL CRM3-060-02 OR APPROVED EQUAL.

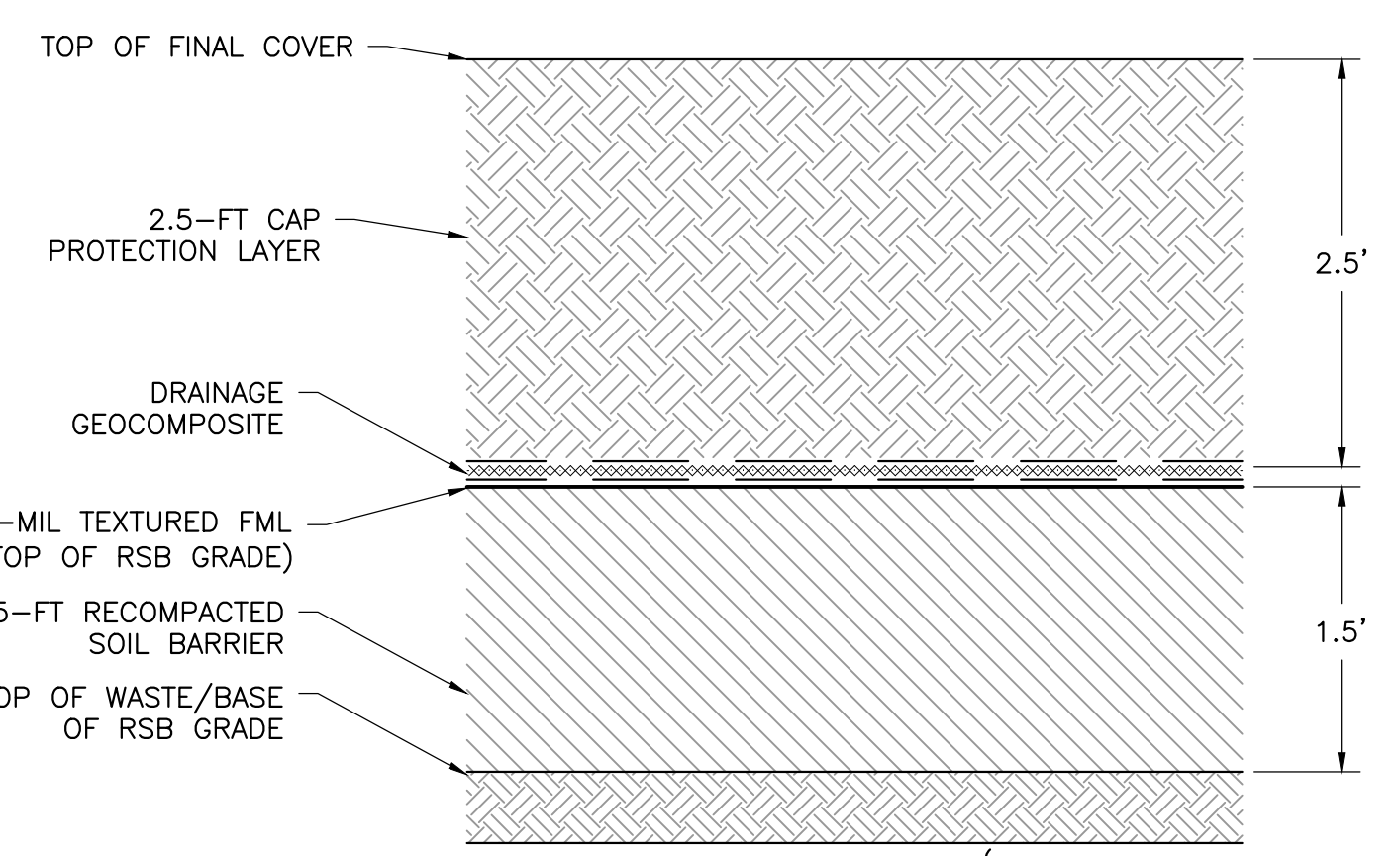


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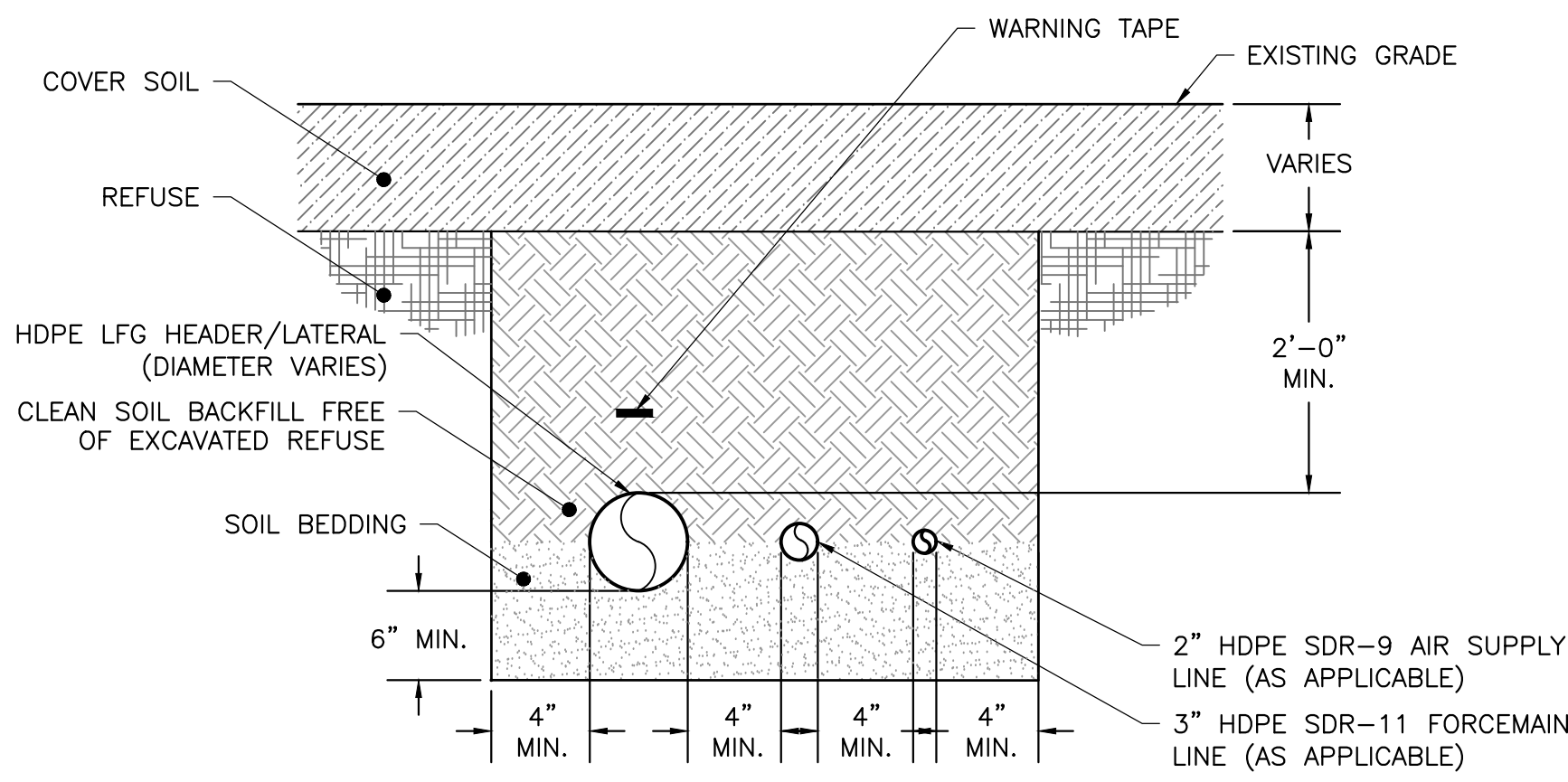


**DETAIL 5**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. ROAD SHALL BE RESTORED TO MATCH ORIGINAL CONDITIONS.
  2. CMP CASING A MINIMUM OF 5" GREATER THAN THE CUMULATIVE DIAMETER OF THE PIPES ENCASED.
  3. NUMBER AND TYPES OF PIPES ENCASED IN ROAD CROSSING VARIES. SEE SITE PLAN.

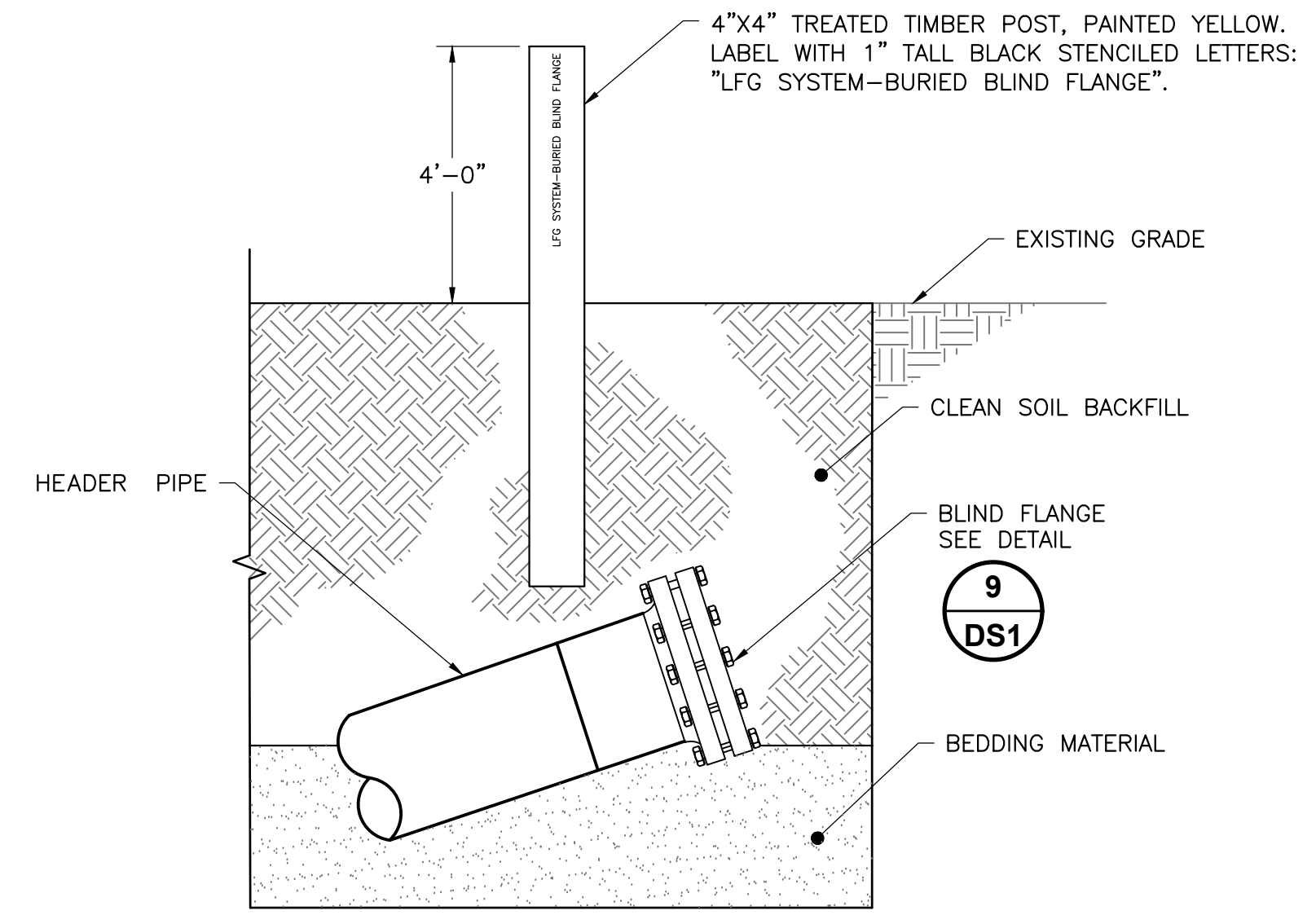


**DETAIL 10**  
SCALE: NOT TO SCALE  
DS1



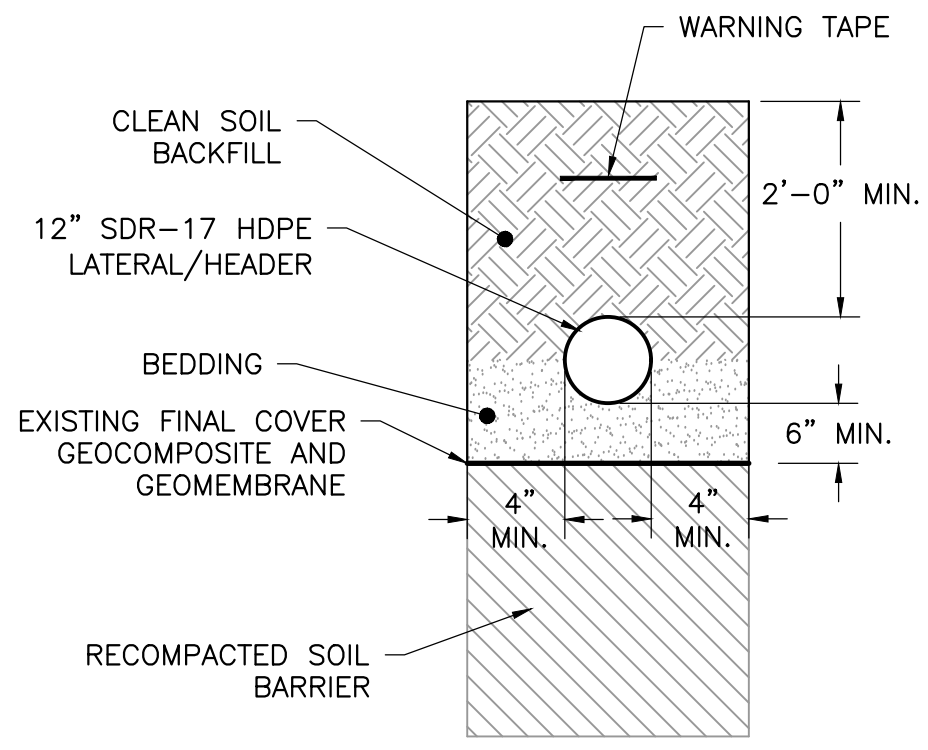
**DETAIL 2**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. ALL HEADER AND LATERAL PIPELINES TO BE SDR-17 HDPE WITH SDR-11 HDPE FITTINGS. ALL AIRLINES AND FITTINGS TO BE SDR-9. ALL FORCEMAINS AND FITTINGS TO BE SDR-11.
  2. COMPACT BACKFILL WITH VIBRATORY PLATE OR EQUAL.
  3. WARNING TAPE SHALL BE MIN. 3" WIDE AND IMPRINTED WITH "GAS LINE BURIED BELOW".
  4. ALL HEADER AND LATERAL SHALL BE INSTALLED AT MIN. 3% SLOPE UNLESS APPROVED IN ADVANCE BY ENGINEER.
  5. THE NUMBER AND TYPES OF PIPES INSTALLED IN THE TRENCH MAY VARY. SEE SITE PLAN.



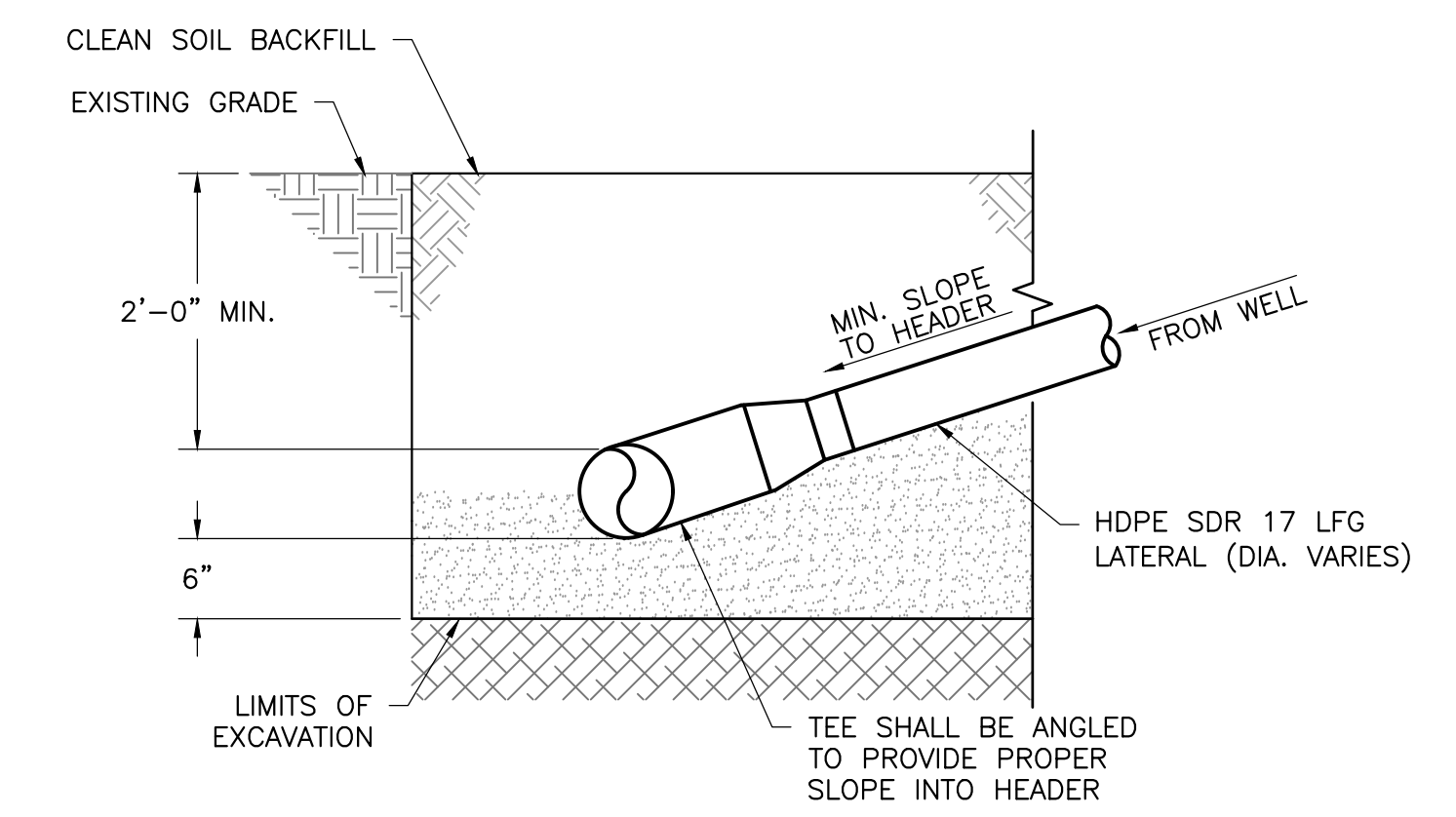
**DETAIL 6**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING BOLTS. COATING SHALL HAVE NO "HOLIDAYS", OR GAPS IN ITS APPLICATION.
  2. INSTALL FLANGE WITH THE PROPER SLOPE TO PROVIDE FOR FUTURE CONDENSATE DRAINAGE.

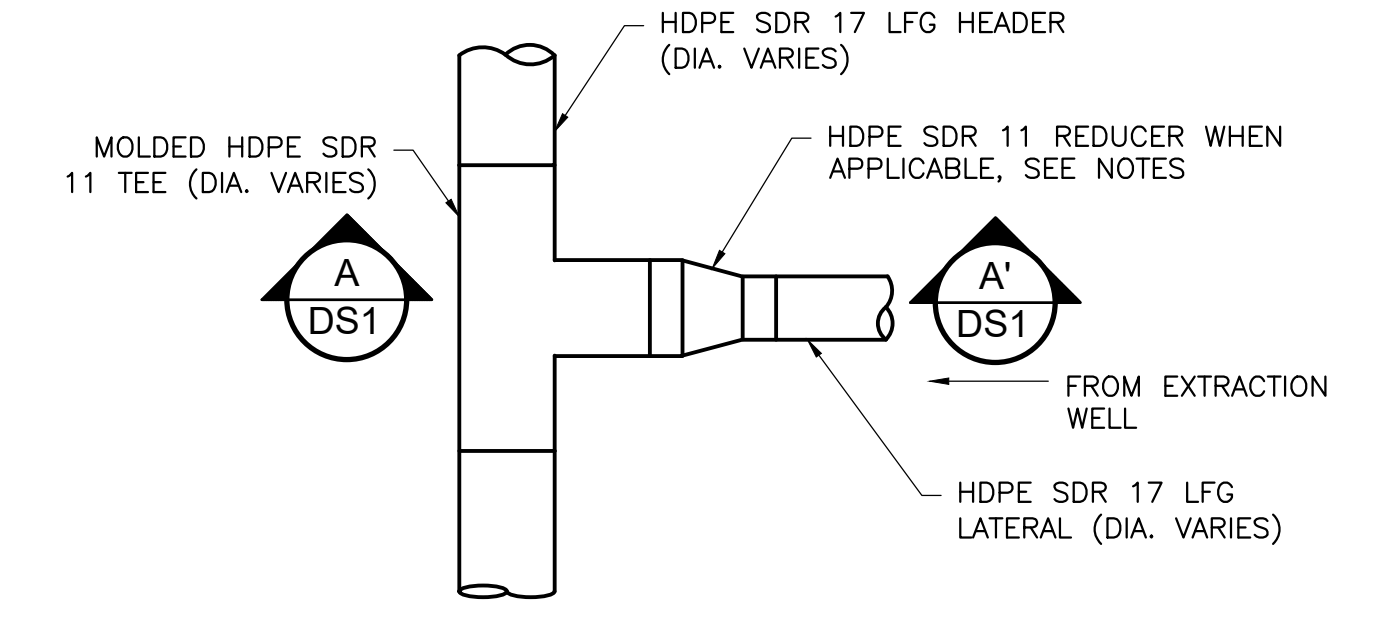


**DETAIL 11**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. IN AREAS WHERE CLAY/GEOMEMBRANE FINAL CAP HAS BEEN CONSTRUCTED, HEADER/LATERAL SHALL BE INSTALLED ABOVE EXISTING GEOMEMBRANE CAP.
  2. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO GEOMEMBRANE CAP AND SHALL REPAIR TO ENGINEER'S SPECIFICATIONS AT NO ADDITIONAL COST TO OWNER.
  3. THE NUMBER AND TYPES OF PIPES TO BE INSTALLED IN THE TRENCH MAY VARY. SEE SITE PLAN.
  4. WARNING TAPE SHALL BE MIN. 3" WIDE AND IMPRINTED WITH "GAS LINE BURIED BELOW".
  5. ALL HEADER AND LATERAL SHALL BE INSTALLED AT MIN. SLOPE UNLESS APPROVED IN ADVANCE BY ENGINEER.
  6. MOUND SOIL OVER PIPE, AS NECESSARY, TO MAINTAIN 2' MINIMUM COVER OVER PIPES.

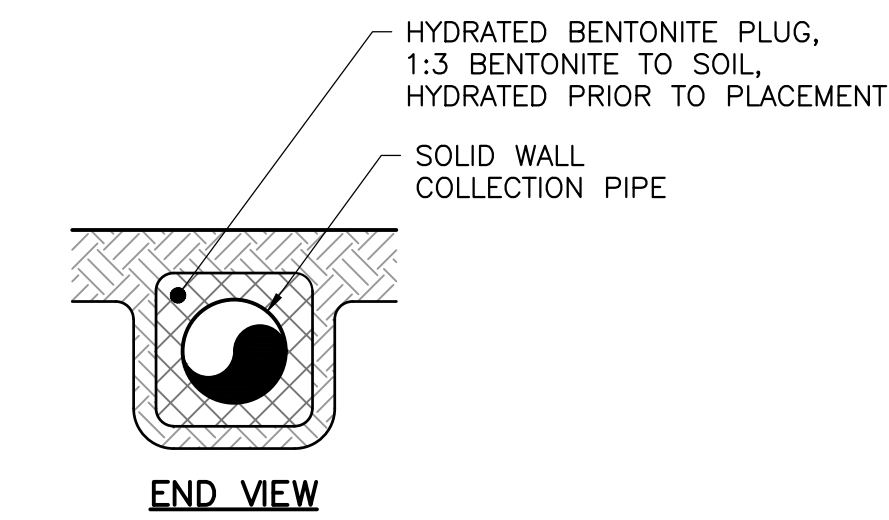


**SECTION A-A**  
SCALE: NOT TO SCALE  
DS1

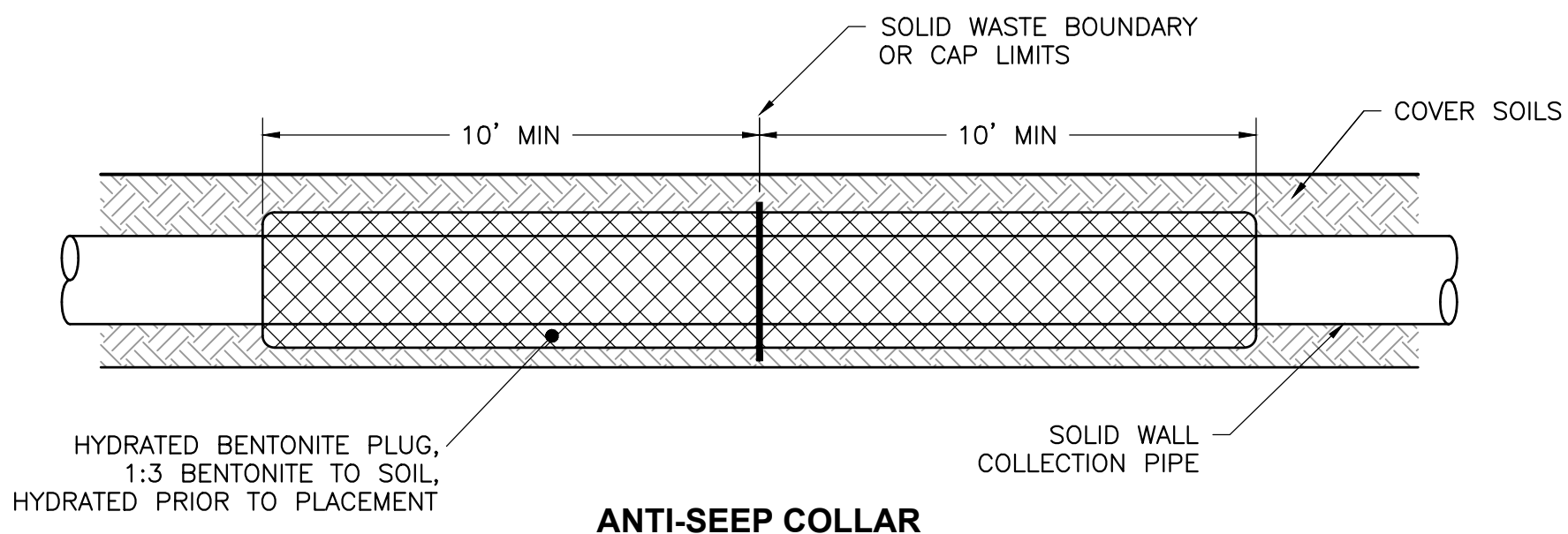


**DETAIL 3**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. MOLDED HDPE TEES SHALL BE INSTALLED FOR ALL TIE-INS OF LATERALS TO HEADER 12" AND SMALLER. TEES SHALL BE ANGLED TO MAINTAIN SLOPE INTO THE HEADER AS SHOWN IN SECTION VIEW.
  2. CONSECUTIVE SIZE REDUCERS SHALL BE USED TO TRANSITION FROM THE MOLDED TEE TO THE LFG LATERAL. FOR EXAMPLE, TO TRANSITION FROM A 12" TEE, A 12"x10" REDUCER, 10"x8" REDUCER, AND 8"x6" REDUCER SHALL BE INSTALLED.
  3. 6" MIN. OF BEDDING SHALL BE PLACED BELOW EACH TEE. THE BEDDING SHALL BE INSTALLED SO IT EXTENDS 3" MIN. IN EACH DIRECTION OF THE TEE. BEDDING SHALL BE SLIGHTLY MOISTENED AND HAND-TAMPED PROVIDING SUPPORT TO ALL POINTS OF THE TEE. CLEAN, GRADED SOIL SHALL BE HAND-TAMPED ABOVE TEE (1" MIN.) BEING CAREFUL TO ELIMINATE VOIDS.

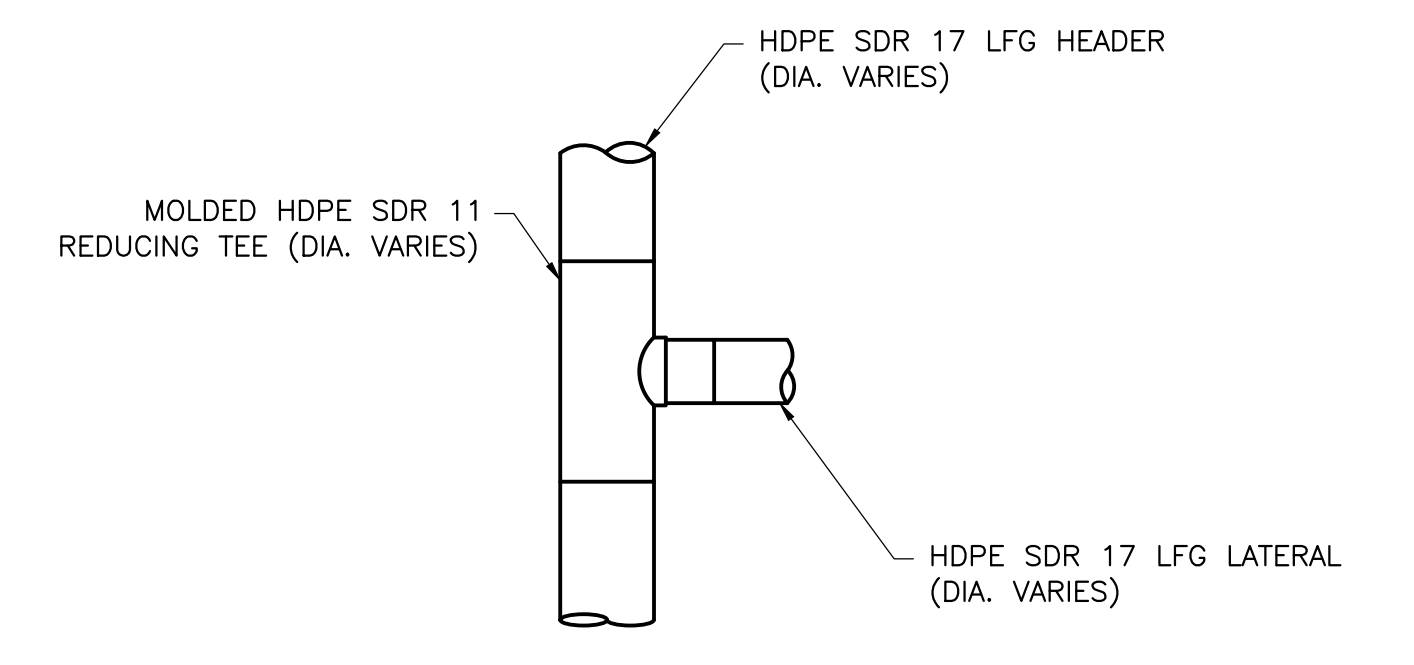


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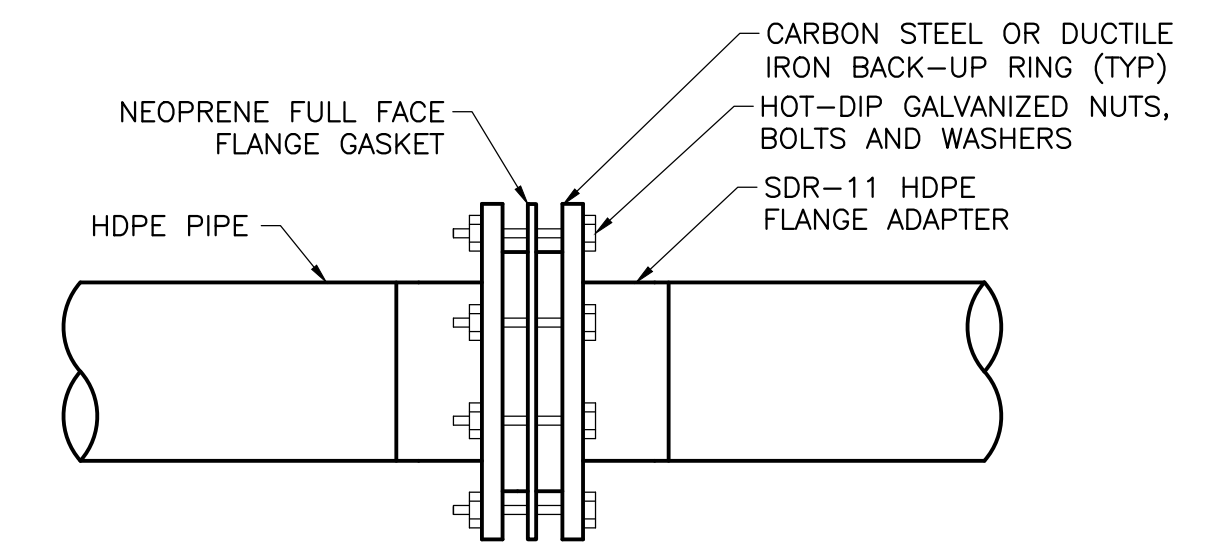
**DETAIL 7**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. ANTI-SEEP COLLAR TO BE INSTALLED AT ALL PIPES CROSSING OVER FROM OUTSIDE WASTE LIMITS AND FINAL COVER AREAS TO WITHIN WASTE LIMITS.
  2. NUMBER AND TYPE OF PIPES IN TRENCH TO BE WITHIN ANTI-SEEP COLLAR.



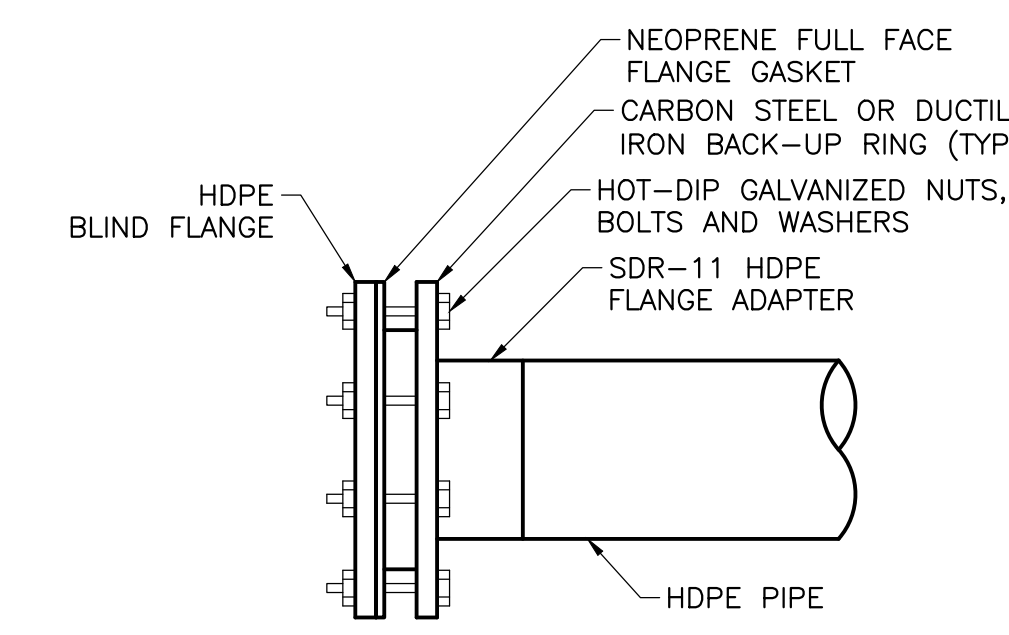
**DETAIL 4**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. MOLDED REDUCING HDPE TEES SHALL BE INSTALLED FOR ALL TIE-INS OF LATERALS TO HEADER LARGER THAN 12". TEE SHALL BE ANGLED TO MAINTAIN SLOPE INTO THE HEADER AS SHOWN IN SECTION VIEW.
  2. 6" MIN. OF BEDDING SHALL BE PLACED BELOW EACH TEE. THE BEDDING SHALL BE INSTALLED SO IT EXTENDS 3" MIN. IN EACH DIRECTION OF THE TEE. BEDDING SHALL BE SLIGHTLY MOISTENED AND HAND-TAMPED PROVIDING SUPPORT TO ALL POINTS OF THE TEE. CLEAN, GRADED SOIL SHALL BE HAND-TAMPED ABOVE TEE (1" MIN.) BEING CAREFUL TO ELIMINATE VOIDS.



**DETAIL 8**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING NUTS. WRAP FLANGE IN PLASTIC WRAP PRIOR TO BACKFILLING.

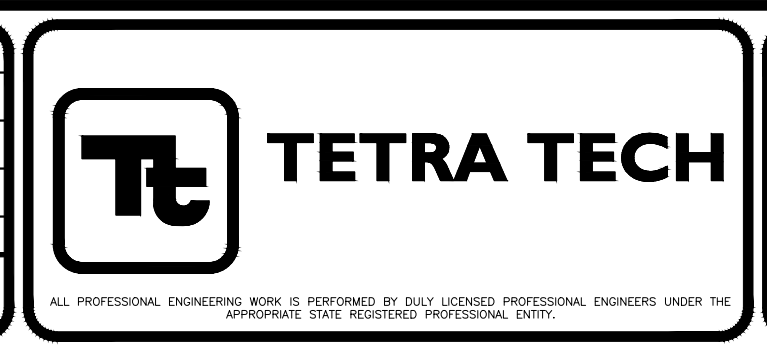


**DETAIL 9**  
SCALE: NOT TO SCALE  
DS1

- NOTES:**
1. THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING NUTS. WRAP FLANGE IN PLASTIC WRAP PRIOR TO BACKFILLING.

**ISSUED FOR BID - ADDENDUM 2**

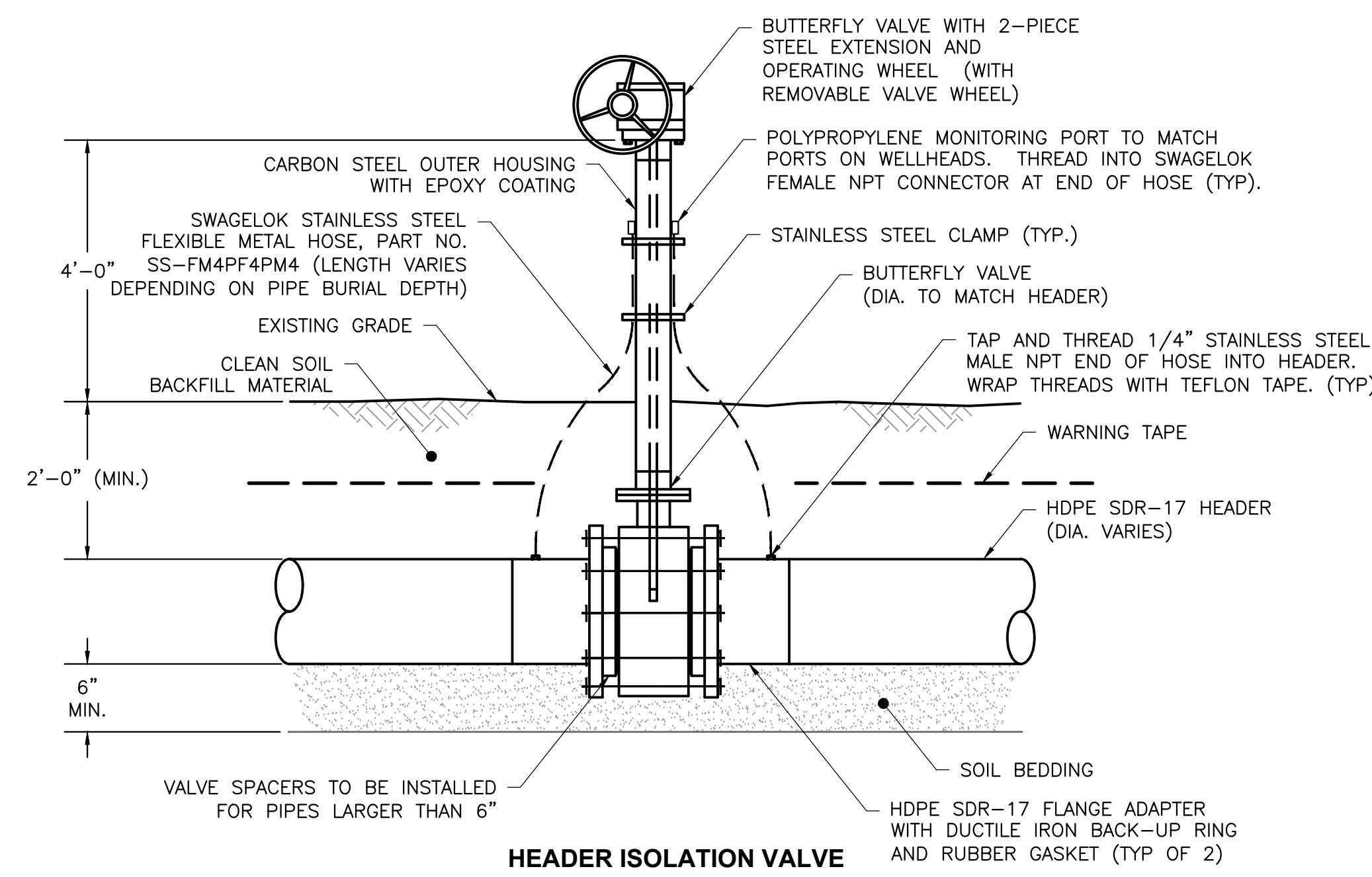
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|---------------|----------|-------------|--------|-------------|--------|--------|
| DATE OF ISSUE | 04/10/25 | DRAWN BY    | JRD    | CHECKED BY  | JPS    |        |
|               |          | DESIGNED BY | JPS    | APPROVED BY | JGW    |        |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

**2025 GCCS CONSTRUCTION  
DETAILS**

SHEET NO.  
**DS1**  
PROJECT NO.  
209-4251350

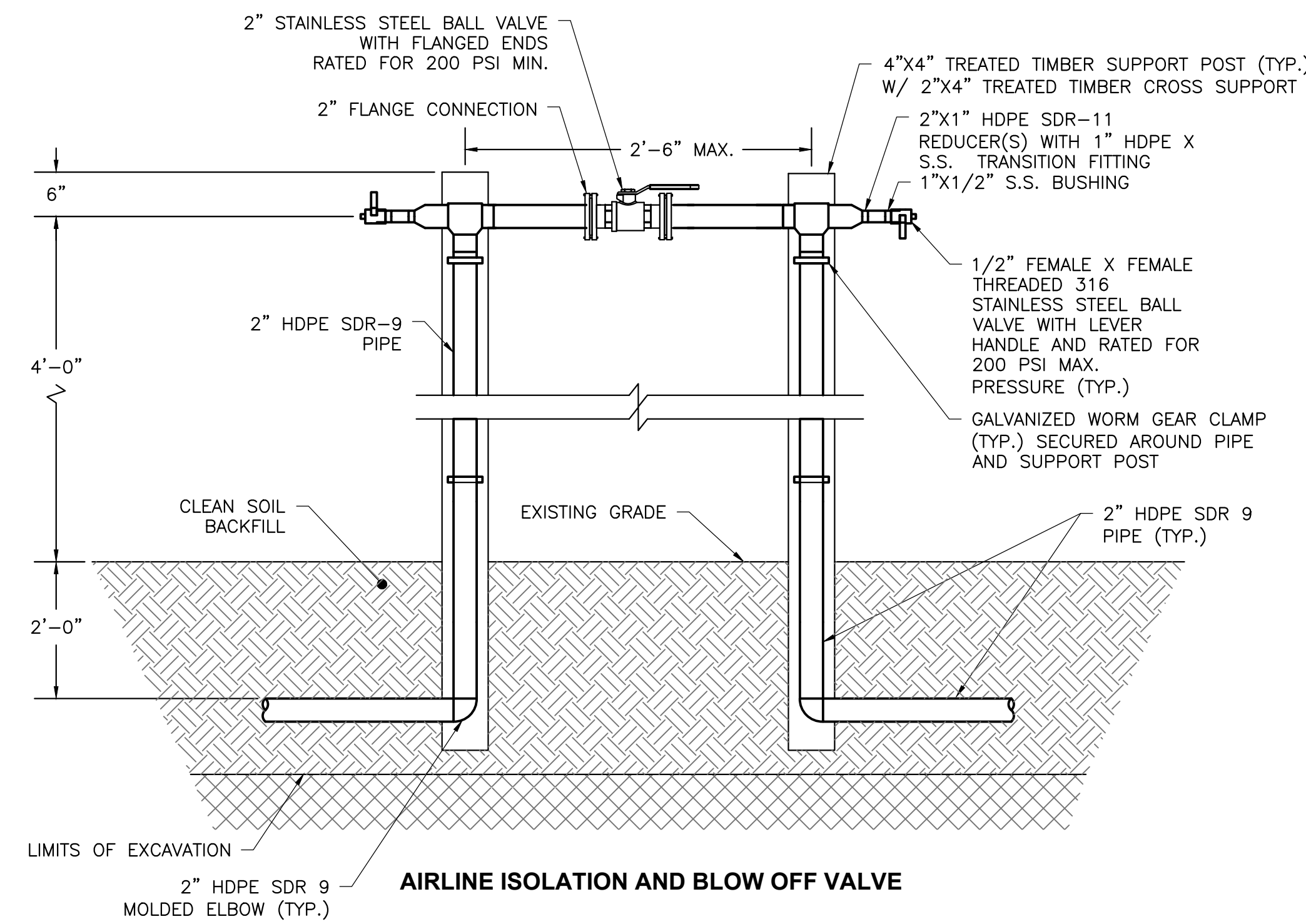


**HEADER ISOLATION VALVE**

**DETAIL 1**  
SCALE: NOT TO SCALE DS2

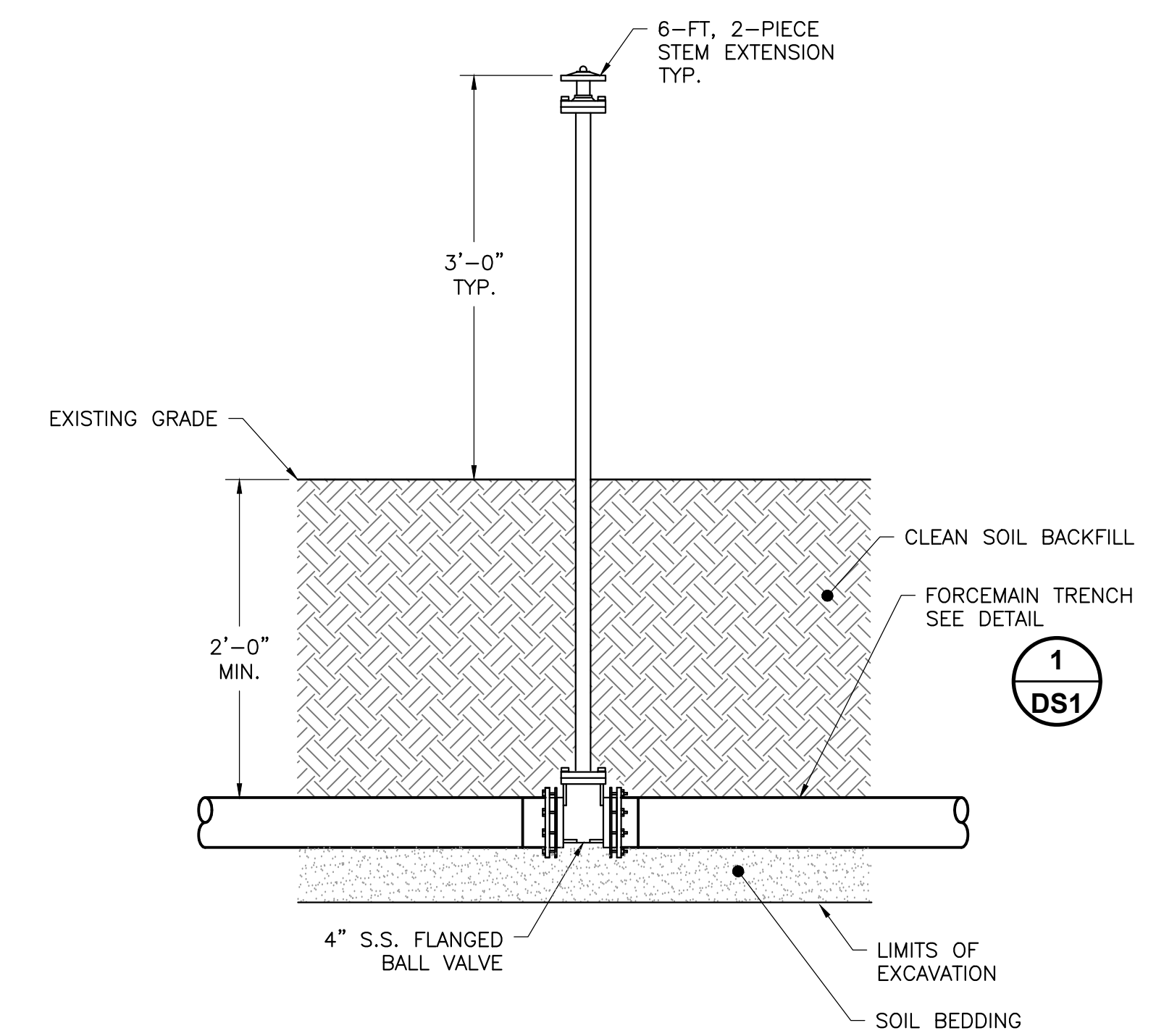
**NOTES:**

1. NUTS, BOLTS, AND WASHERS SHALL BE HOT-DIP GALVANIZED. STAINLESS STEEL BOLTS AND NUTS WILL NOT BE PERMITTED.
2. THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING BOLTS. COATING SHALL HAVE NO "HOLIDAYS", OR GAPS IN ITS APPLICATION.
3. WRAP FLANGE IN PLASTIC WRAP PRIOR TO BACKFILLING.



**AIRLINE ISOLATION AND BLOW OFF VALVE**

**DETAIL 2**  
SCALE: NOT TO SCALE DS2

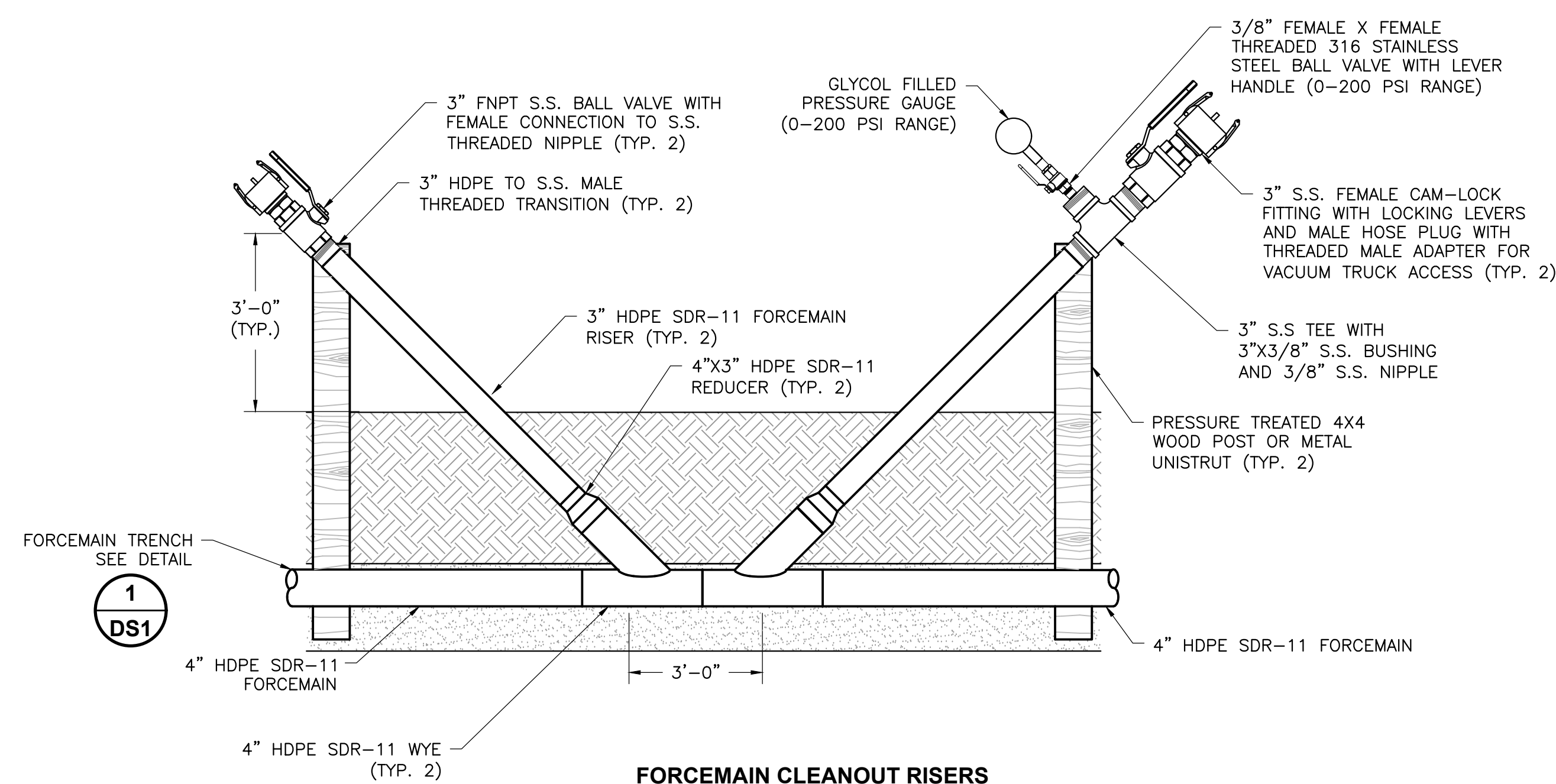


**FORCEMAIN ISOLATION VALVE**

**DETAIL 3**  
SCALE: NOT TO SCALE DS2

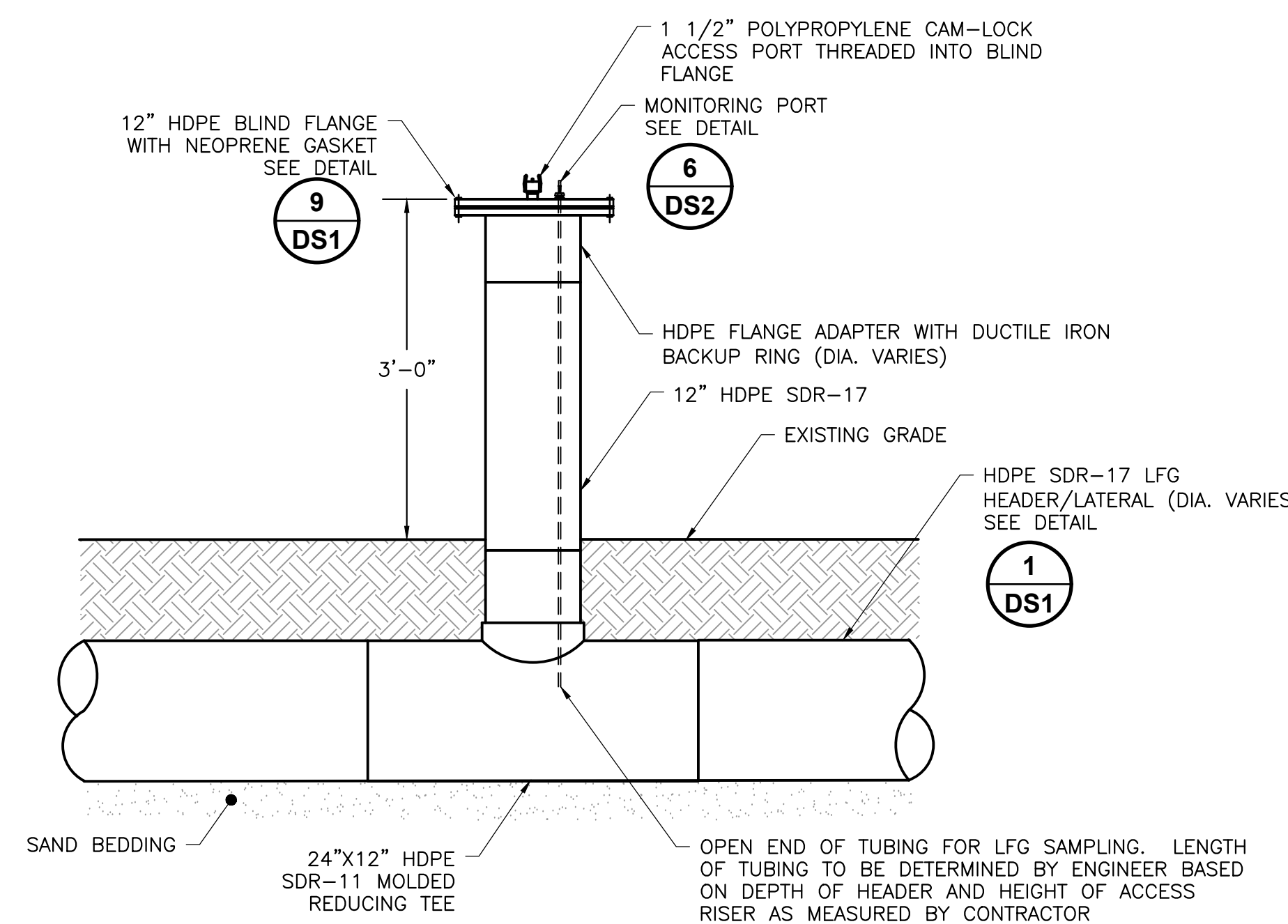
**NOTES:**

1. WRAP VALVE IN PLASTIC WRAP PRIOR TO BACKFILLING.



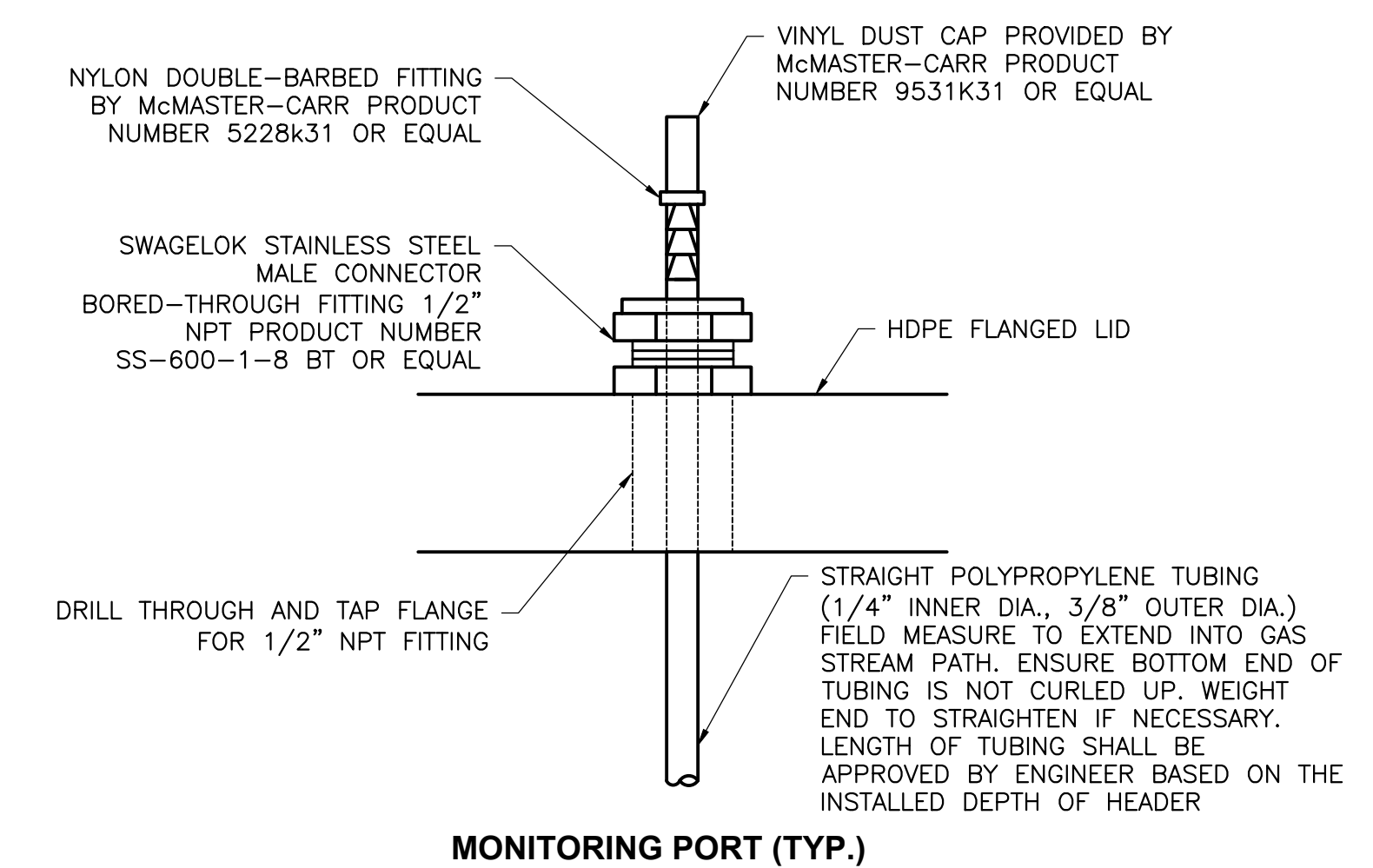
**FORCEMAIN CLEANOUT RISERS**

**DETAIL 4**  
SCALE: NOT TO SCALE DS2



**12\"/>**

**DETAIL 5**  
SCALE: NOT TO SCALE DS2



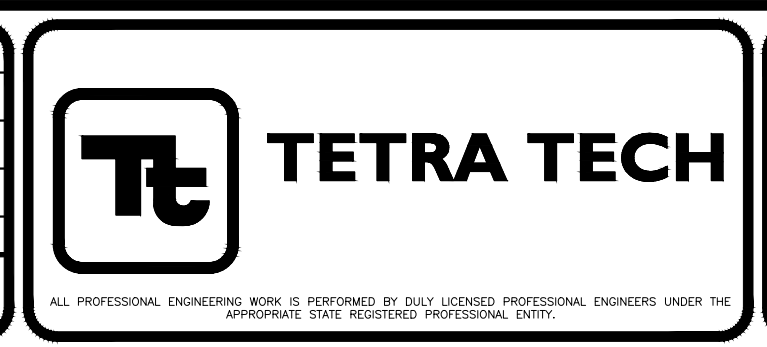
**MONITORING PORT (TYP.)**

**DETAIL 6**  
SCALE: NOT TO SCALE DS2

File: \\A:\PROJECTS\2025\2025-0005-0005-0001.dwg Layout: 0502 User: jhaskins Apr 10, 2025 - 8:56am  
 1" = 1/2" = 0"

**ISSUED FOR BID - ADDENDUM 2**

| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             | JRD    | JPS    | JPS    | JGW    |



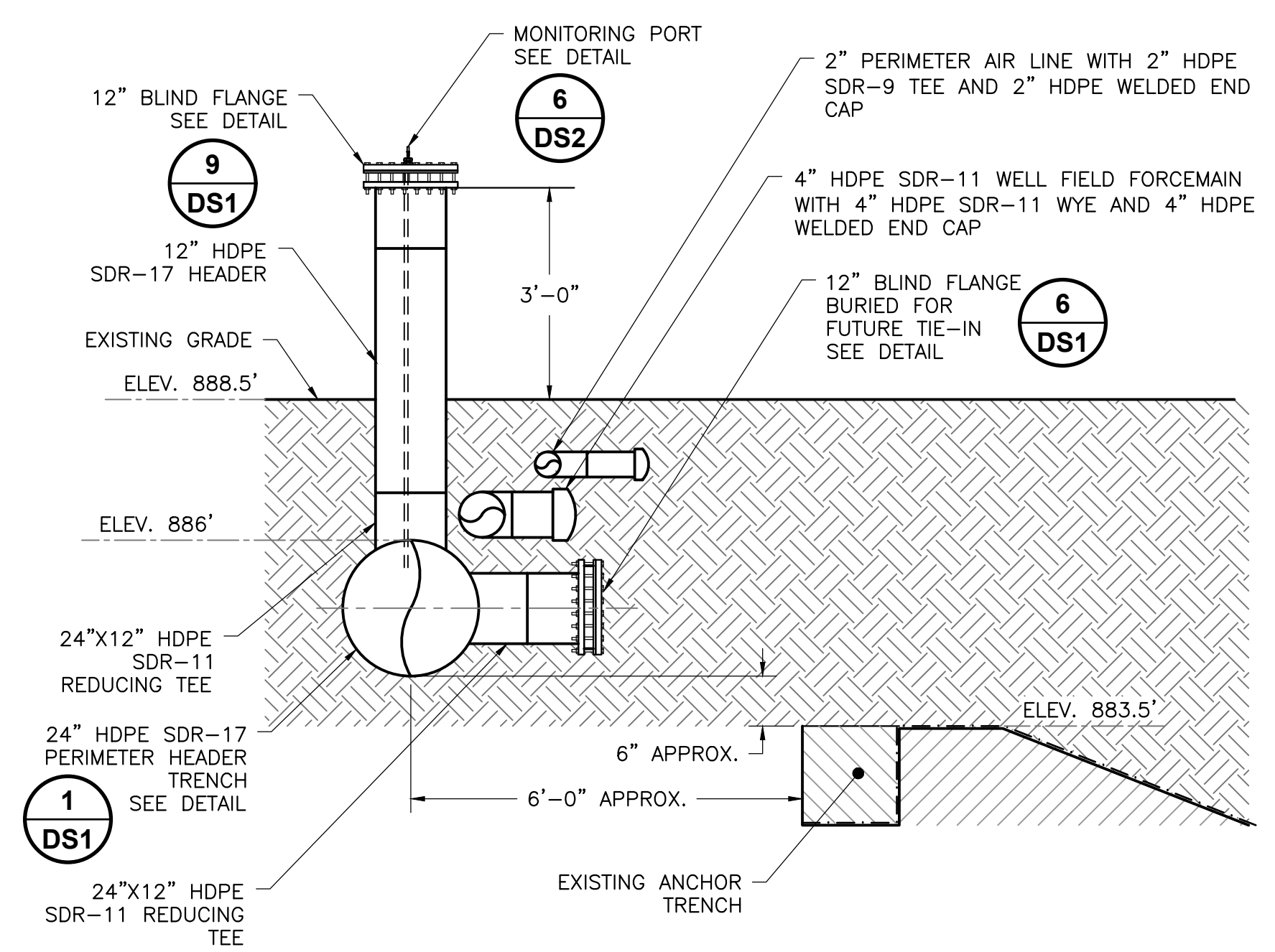
SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

**2025 GCCS CONSTRUCTION  
DETAILS**

SHEET NO.  
**DS2**

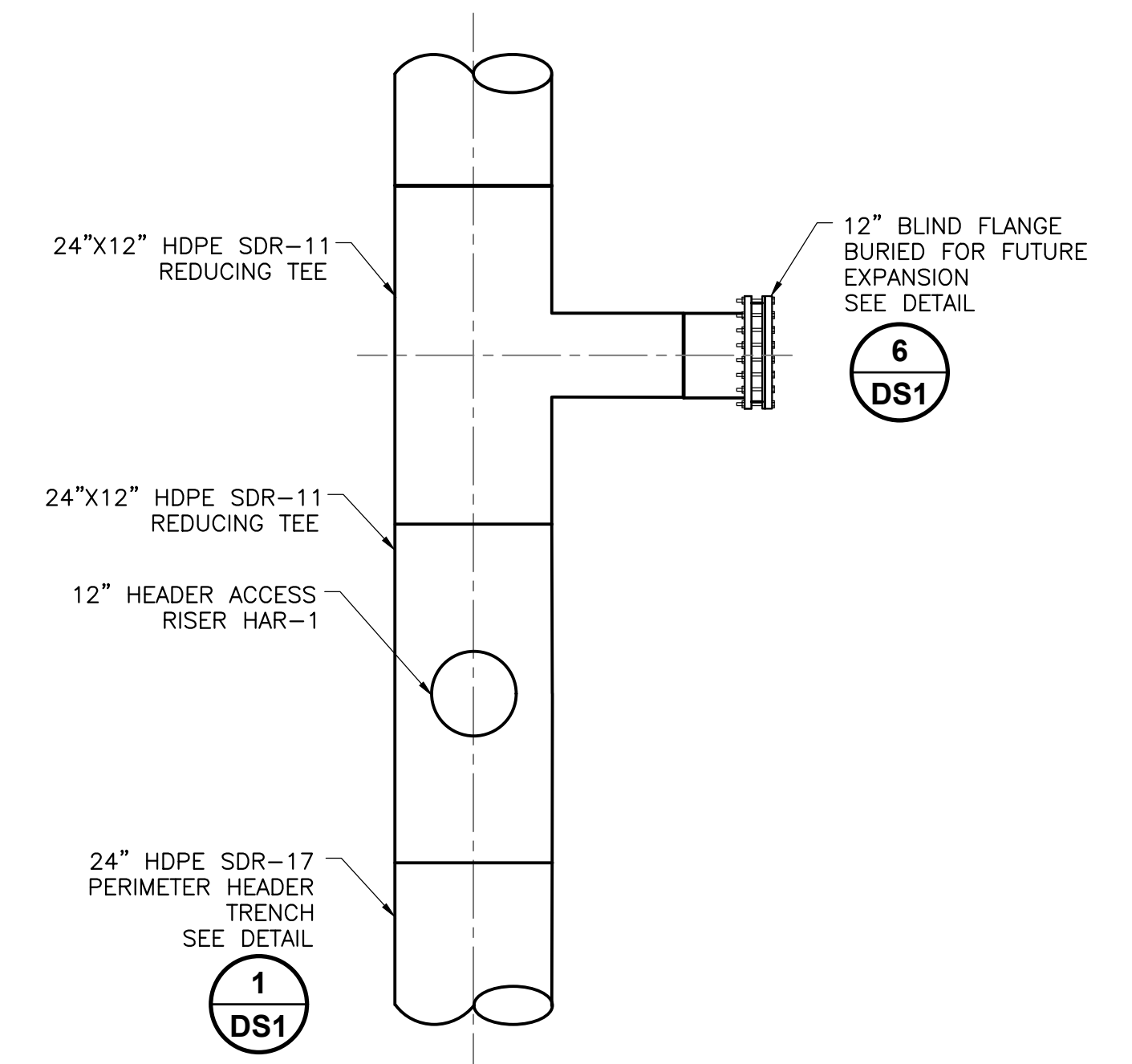
PROJECT NO.  
209-4251350

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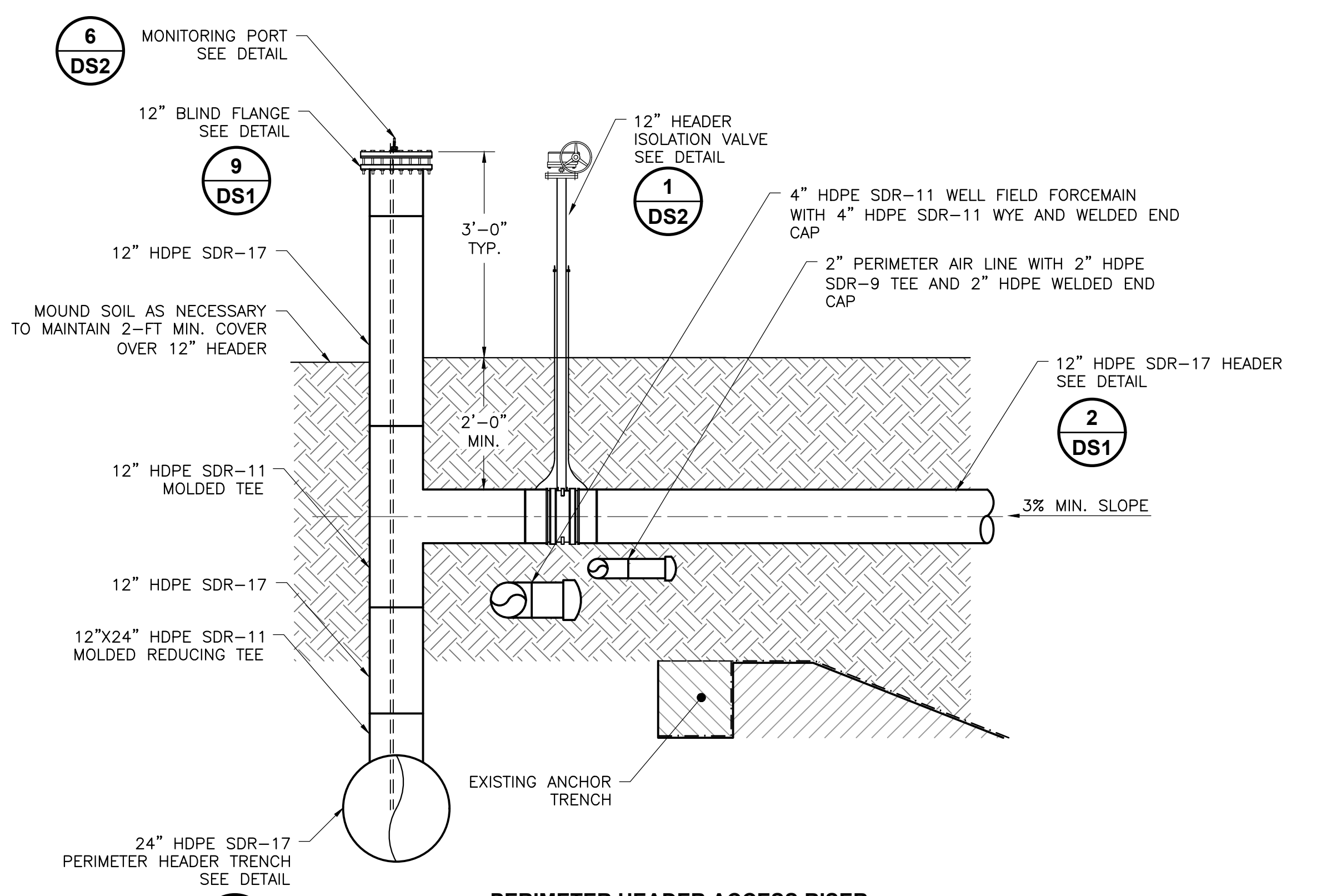


**PERIMETER HEADER ACCESS RISER  
HAR-1, HAR-4, HAR-6, HAR-8, HAR-10**

**DETAIL 1**  
SCALE: NOT TO SCALE DS1

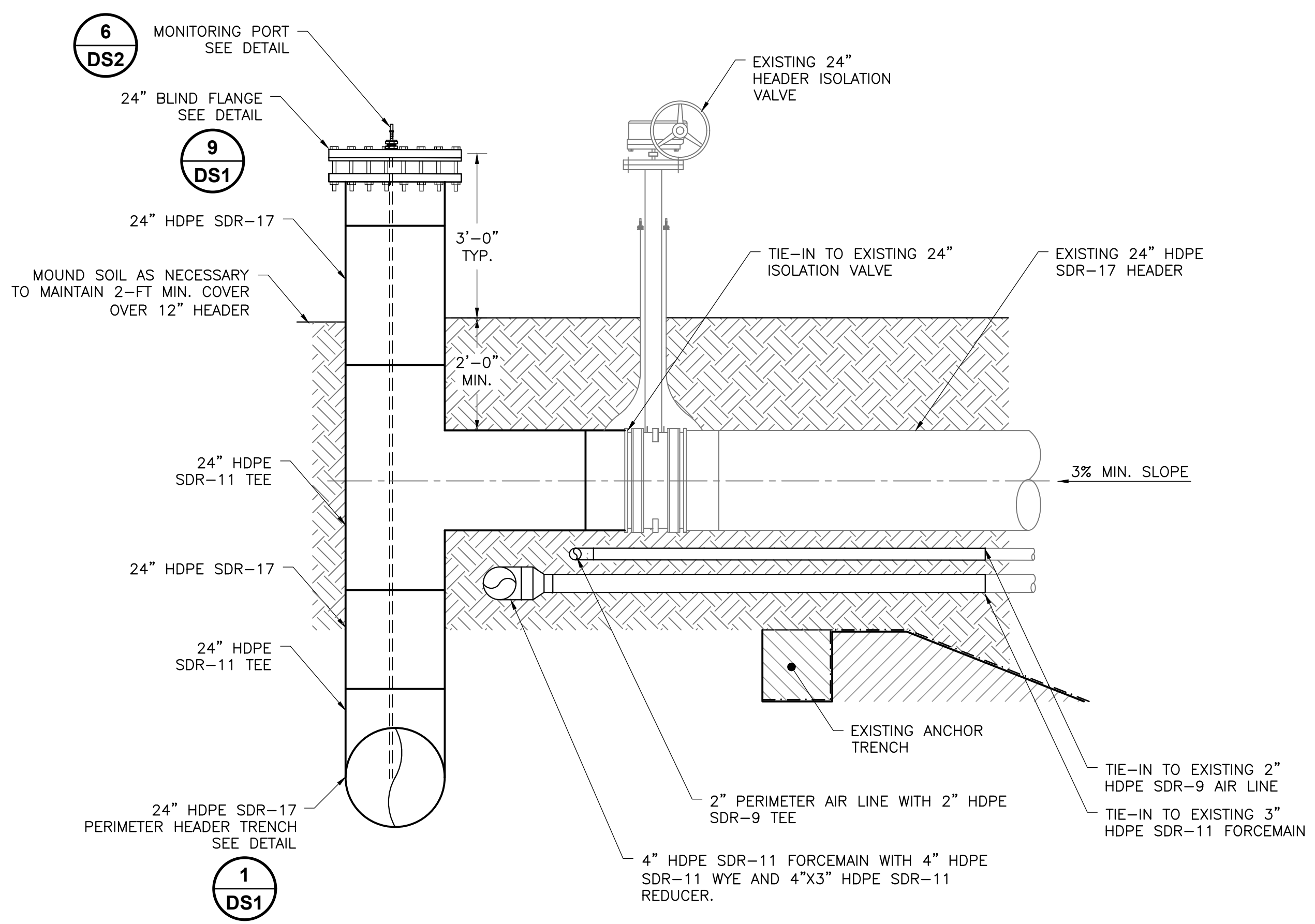


**PLAN VIEW**



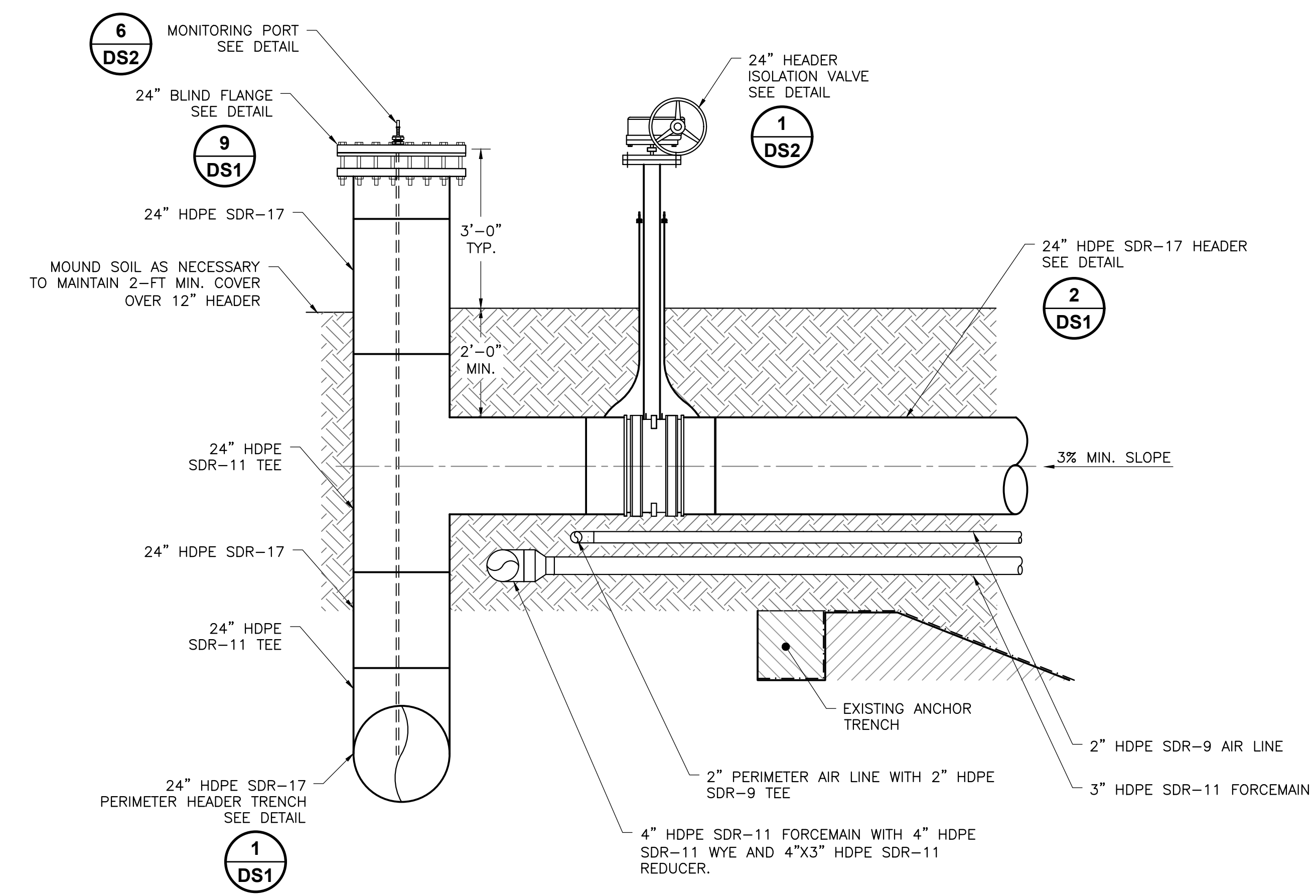
**PERIMETER HEADER ACCESS RISER  
HAR-3, HAR-5**

**DETAIL 2**  
SCALE: NOT TO SCALE DS2



**PERIMETER HEADER ACCESS RISER  
HAR-7**

**DETAIL 3**  
SCALE: NOT TO SCALE DS3



**PERIMETER HEADER ACCESS RISER  
HAR-11**

**DETAIL 4**  
SCALE: NOT TO SCALE DS1



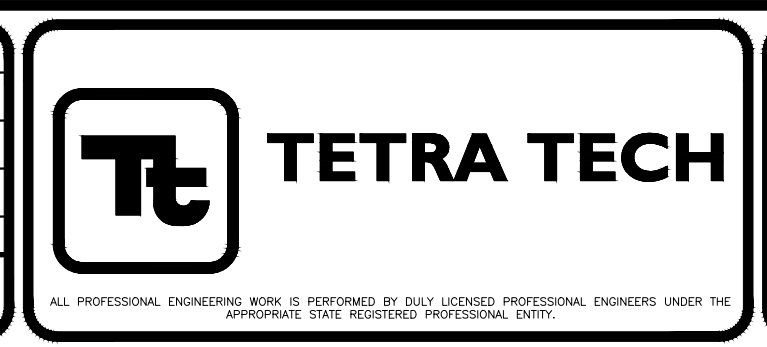
**TIE-IN TO EXISTING 24\"/>**

**DETAIL 5**  
SCALE: NOT TO SCALE DS1

File: \\M:\PROJECTS\2025\2025-0005-0005-0001.dwg Layout: 0503 User: jhudson Apr 10, 2025 - 8:56am  
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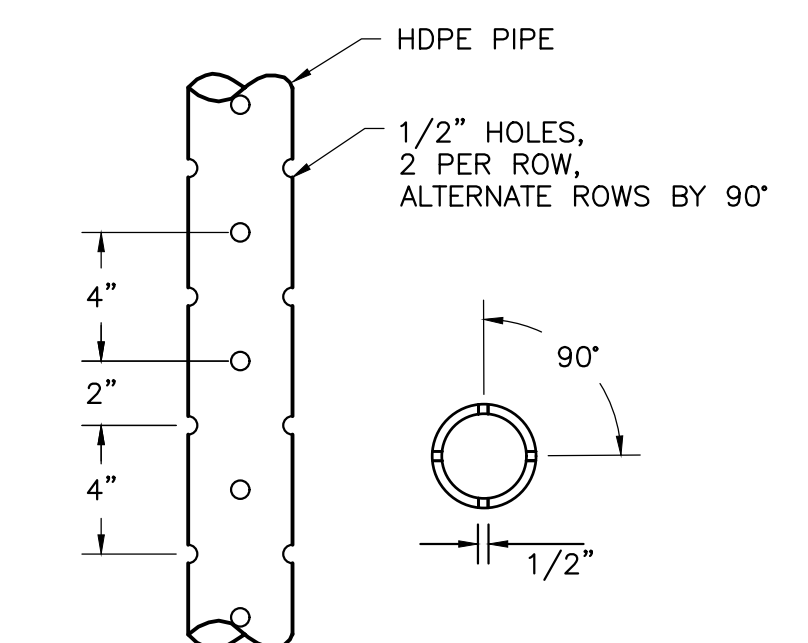
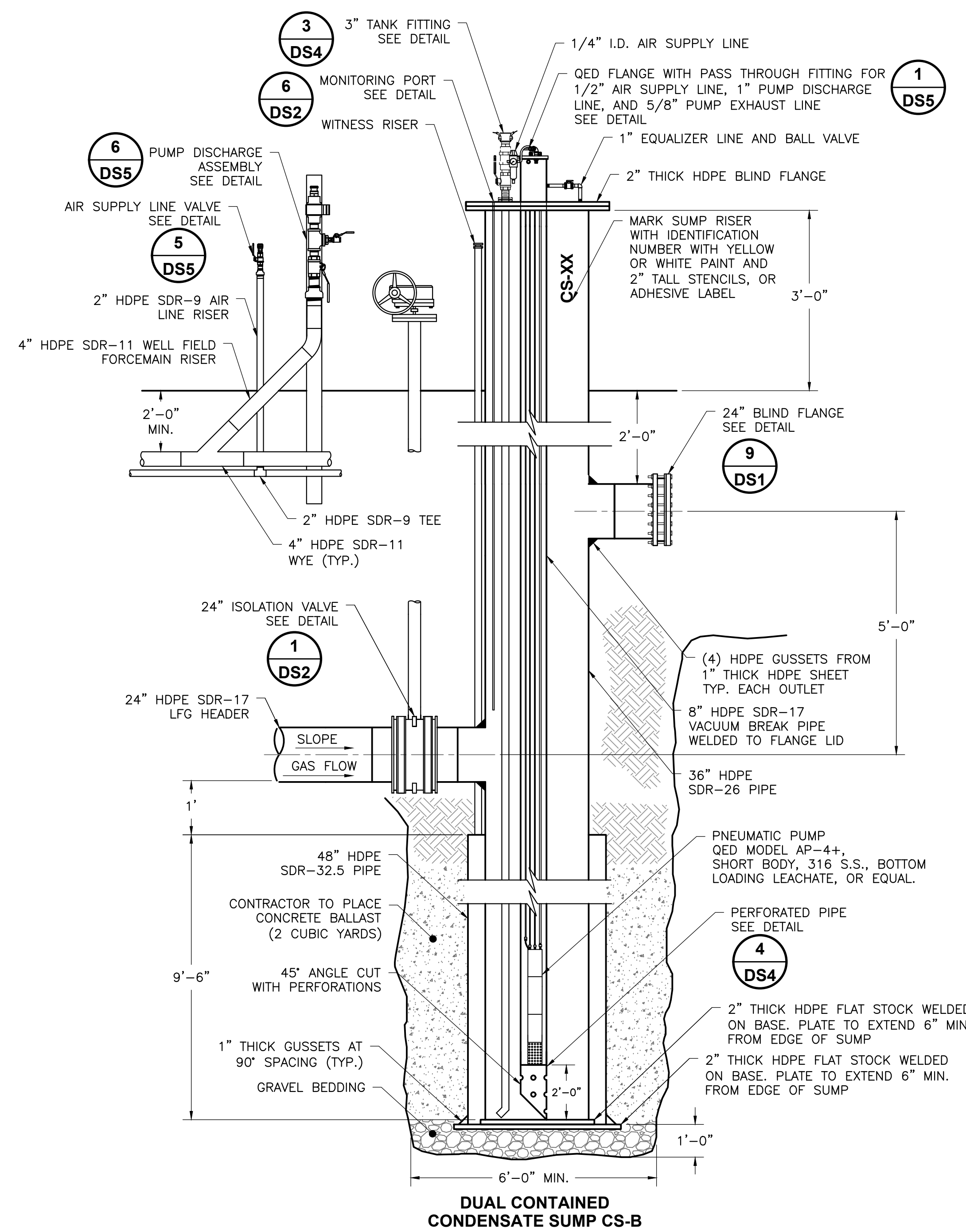
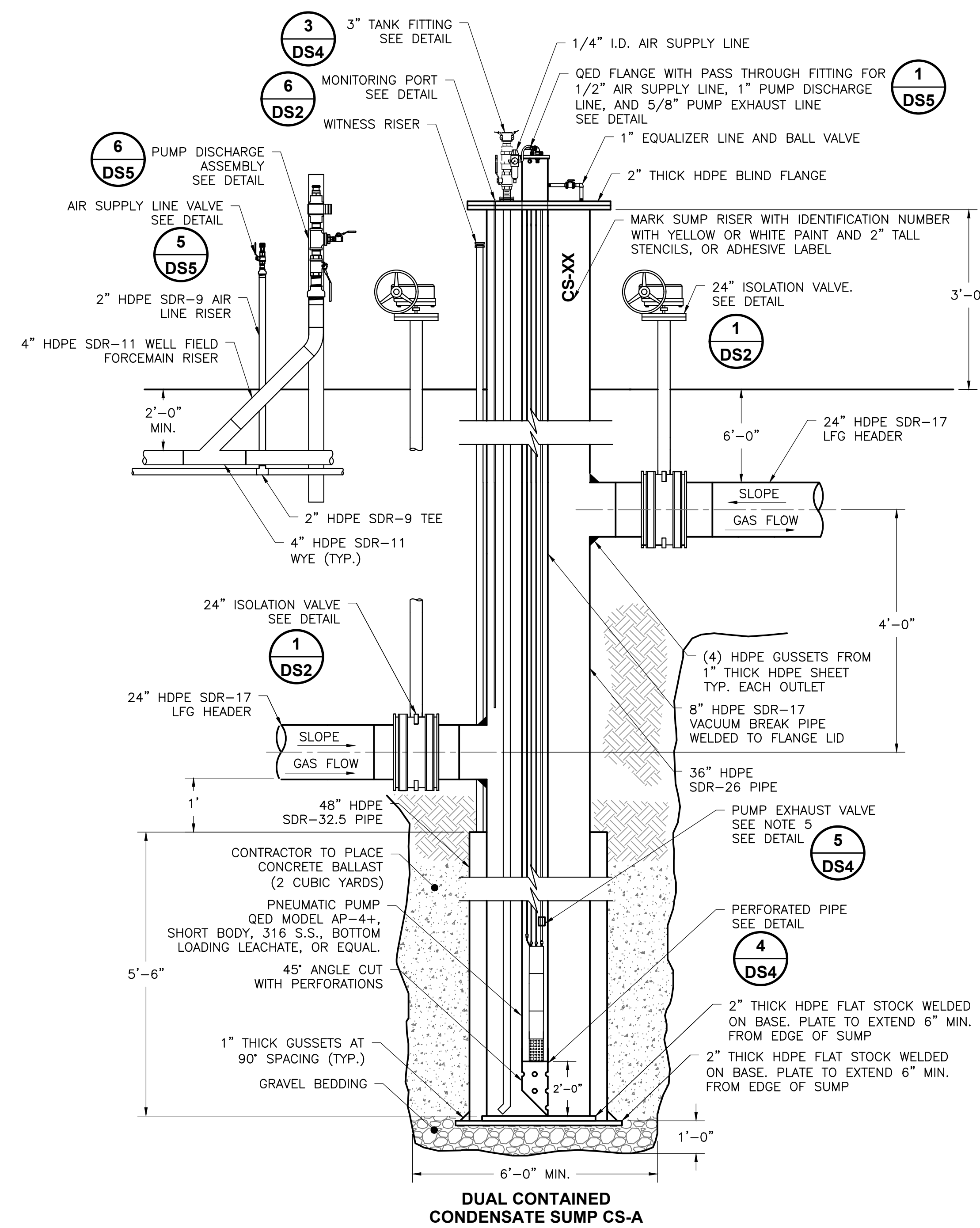
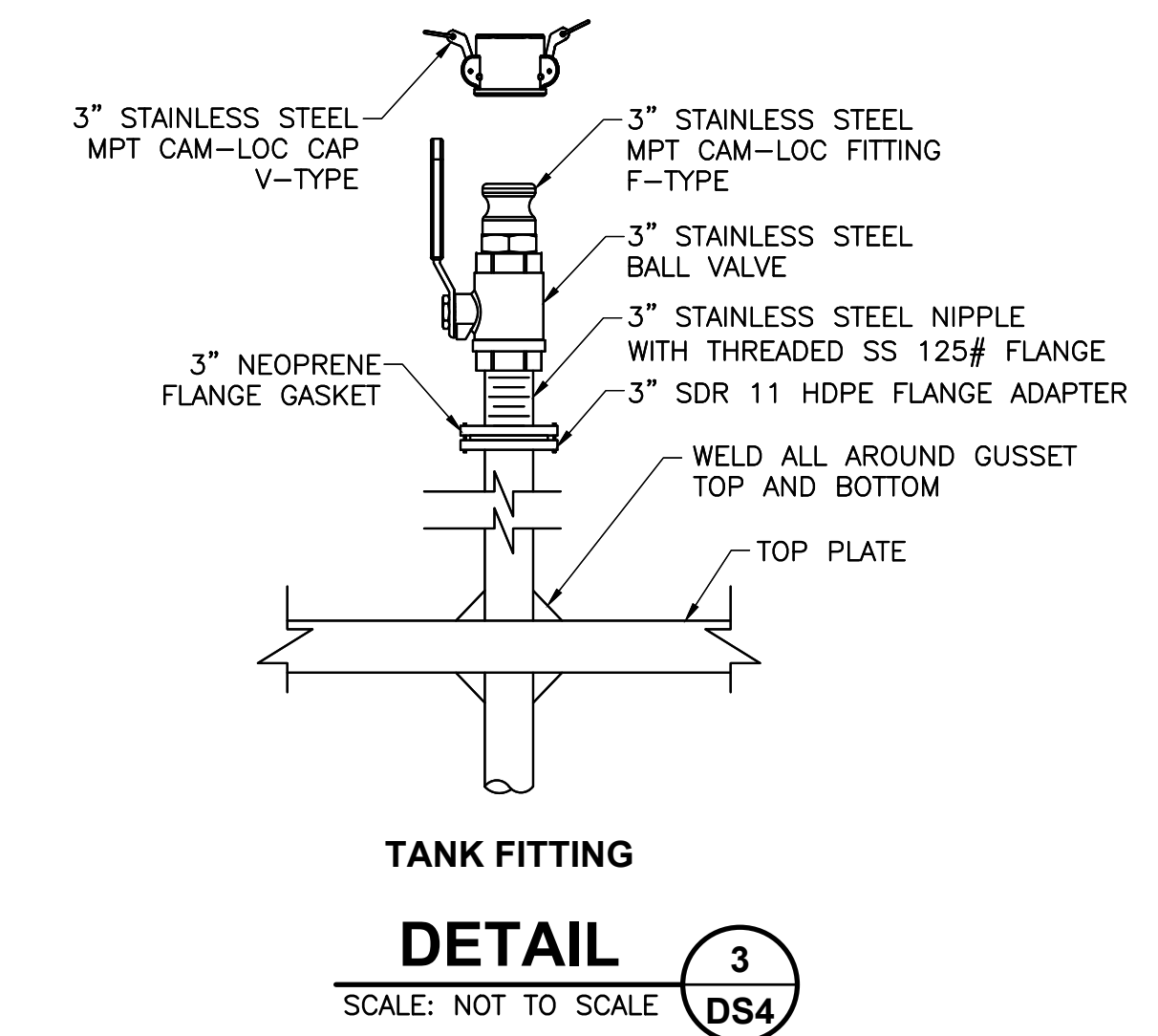
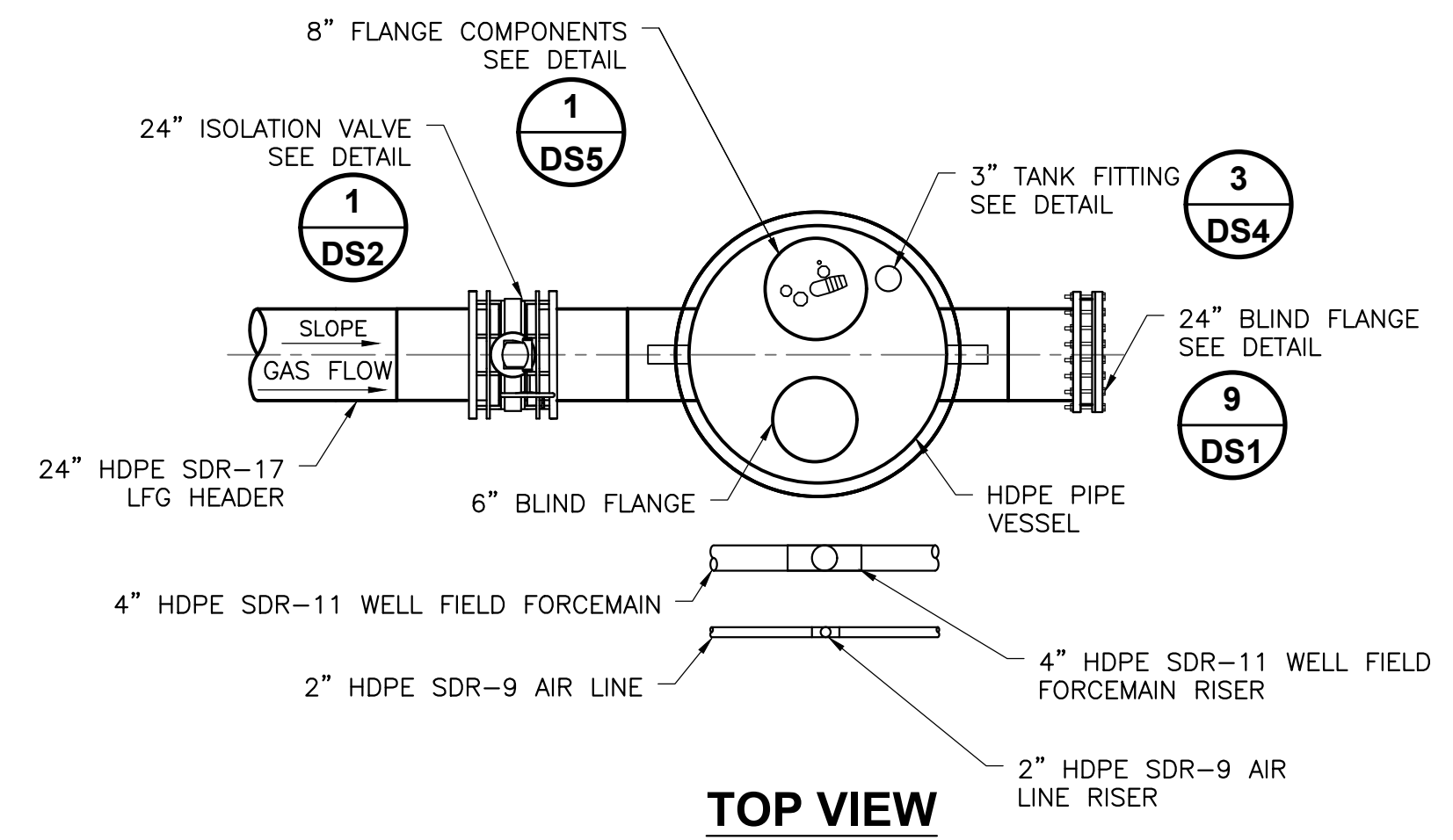
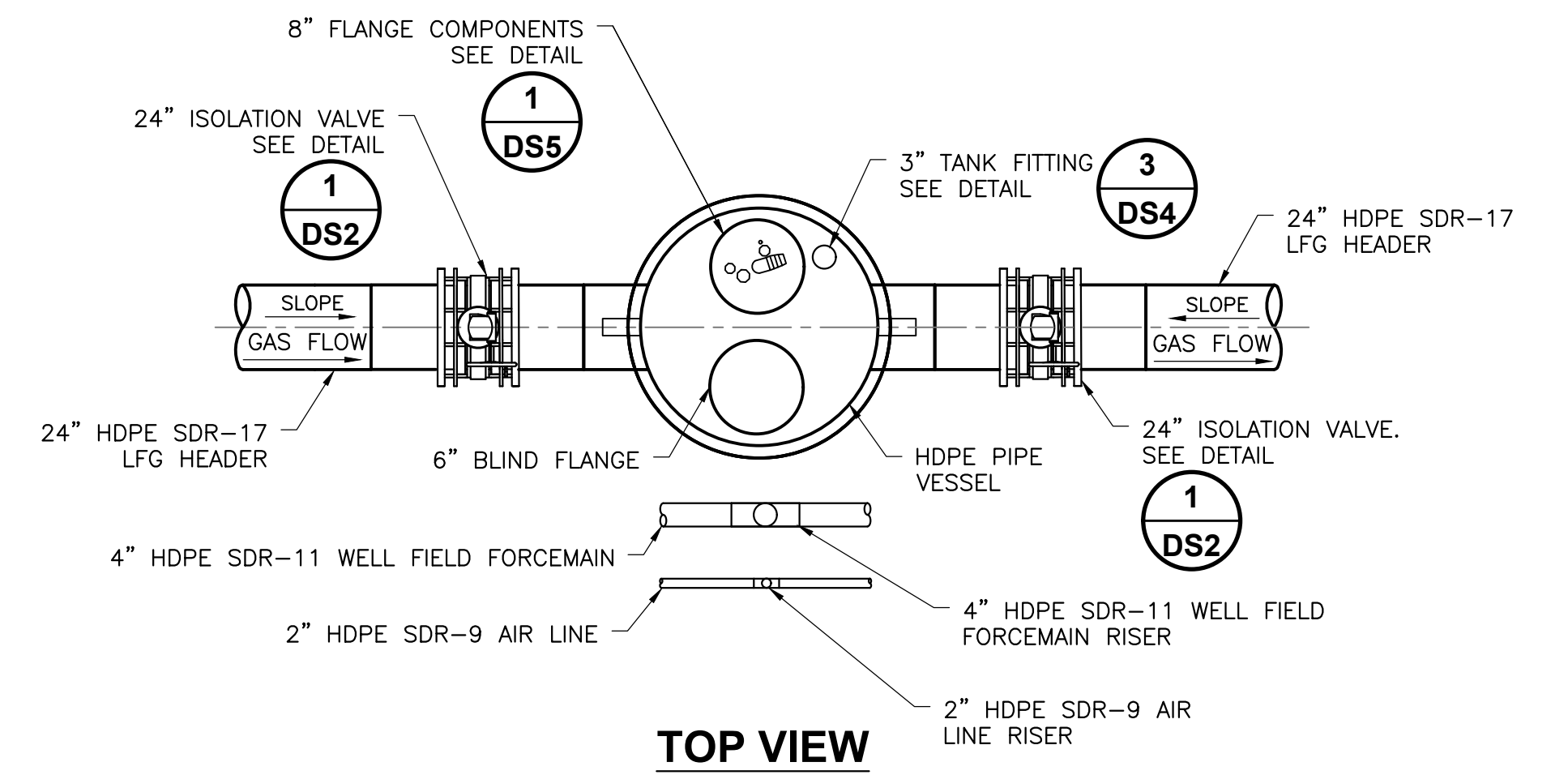
| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             | JRD    | JPS    | JPS    | JGW    |
|          |      |             | JPS    | JPS    | JGW    | JGW    |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
 FRANKLIN COUNTY SANITARY LANDFILL  
 GROVE CITY, OHIO  
**2025 GCCS CONSTRUCTION  
 DETAILS**

SHEET NO.  
**DS3**  
 PROJECT NO.  
 209-4251350

**ISSUED FOR BID - ADDENDUM 2**



- NOTES:
- PERFORATIONS SPACED 90° APART HORIZONTALLY.
  - PERFORATIONS SPACED 4" APART VERTICALLY.
  - 90° AND 270° ROWS STAGGERED 2" BELOW 0° AND 180° ROWS.

**DUAL CONTAINED CONDENSATE SUMP CS-A**

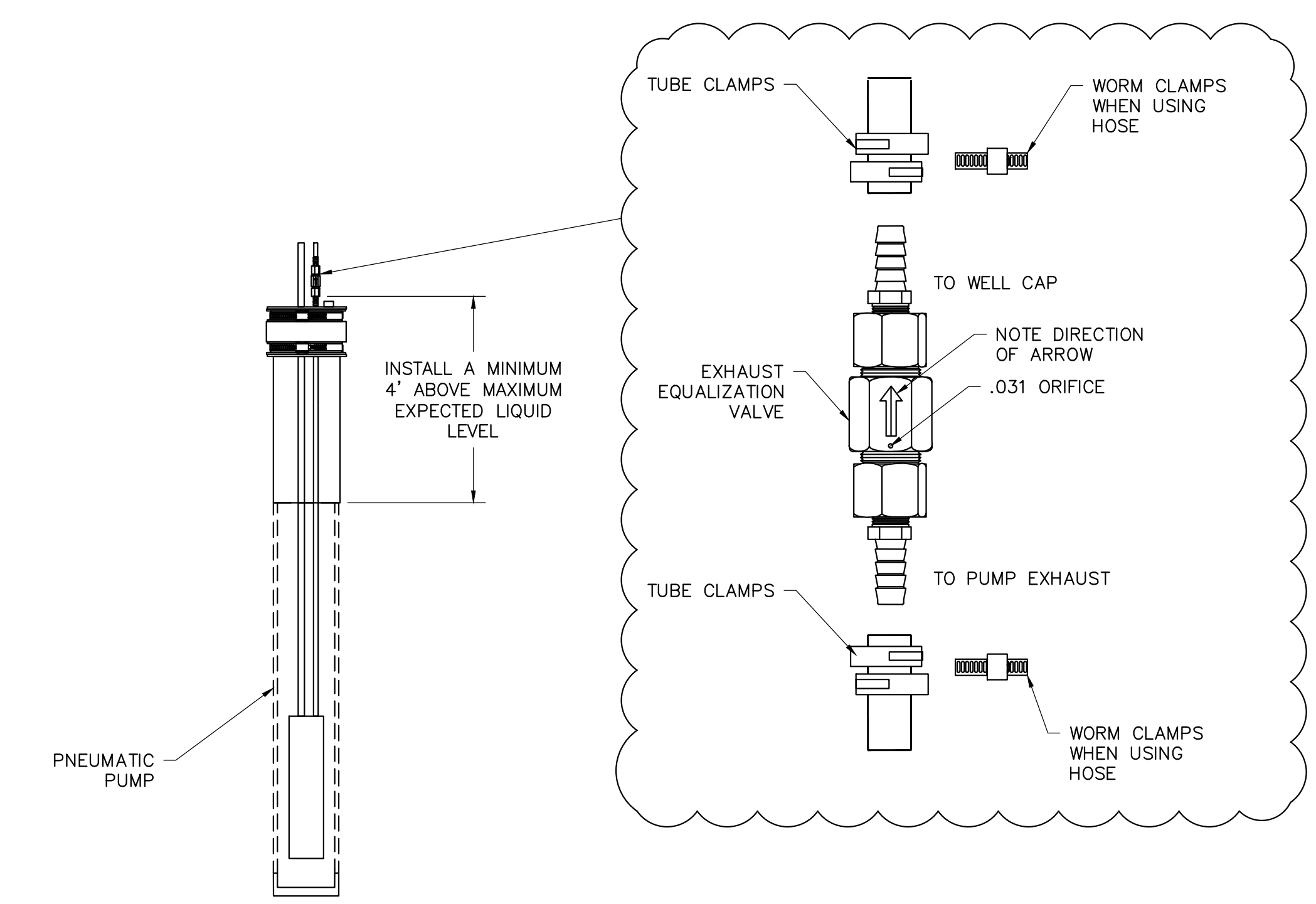
**DETAIL 1**  
SCALE: NOT TO SCALE DS4

- NOTES:
- 8" HDPE SDR-17 VACUUM BREAK PIPE EXTRUSION WELDED TO FLANGE LID. 1'-0" OF PIPE TO PROTRUDE THROUGH TOP OF FLANGE.
  - THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING BOLTS. WRAP FLANGE IN PLASTIC WRAP PRIOR TO BACKFILLING.
  - CONTRACTOR SHALL VERIFY CONDENSATE SUMP CONFIGURATION AND NECESSARY ELEVATIONS IN FIELD. ADJUSTMENTS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
  - AIRLINE AND FORCEMAIN RISERS SHOWN OFFSET FOR CLARITY. RISERS TO BE INSTALLED WITHIN 6" (TYP.) OF SUMP.
  - EXHAUST EQUALIZATION VALVE (QED PART # 39716) TO BE INSTALLED IN SUMP CS-A PUMP APPLICATION, TO ALLOW THE PUMP TO FUNCTION PROPERLY UNDER VACUUM WHILE EXHAUSTING TO ATMOSPHERE.

**DUAL CONTAINED CONDENSATE SUMP CS-B**

**DETAIL 2**  
SCALE: NOT TO SCALE DS4

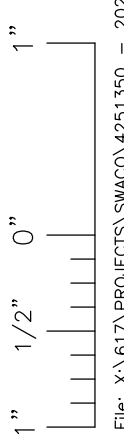
- NOTES:
- 8" HDPE SDR-17 VACUUM BREAK PIPE EXTRUSION WELDED TO FLANGE LID. 1'-0" OF PIPE TO PROTRUDE THROUGH TOP OF FLANGE.
  - THOROUGHLY COAT ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WITH POLYCOAT RUBBERIZED PRIMER, OR EQUAL, AFTER TIGHTENING BOLTS. WRAP FLANGE IN PLASTIC WRAP PRIOR TO BACKFILLING.
  - CONTRACTOR SHALL VERIFY CONDENSATE SUMP CONFIGURATION AND NECESSARY ELEVATIONS IN FIELD. ADJUSTMENTS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
  - AIRLINE AND FORCEMAIN RISERS SHOWN OFFSET FOR CLARITY. RISERS TO BE INSTALLED WITHIN 6" (TYP.) OF SUMP.



**EXHAUST EQUALIZATION VALVE**  
**DETAIL 5**  
SCALE: NOT TO SCALE DS4

- NOTES:
- EXHAUST EQUALIZATION VALVE (QED PART # 39716) TO BE INSTALLED IN SUMP CS-A PUMP APPLICATION, TO ALLOW THE PUMP TO FUNCTION PROPERLY UNDER VACUUM WHILE EXHAUSTING TO ATMOSPHERE.

**ISSUED FOR BID - ADDENDUM 2**



File: S:\17\PROJECTS\2025\2025-0501-0501.dwg Plot: 05/04/2025 10:20:29 User: jhaskins Apr 10, 2025 - 8:56am

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| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             | JRD    | JPS    | JPS    | JGW    |

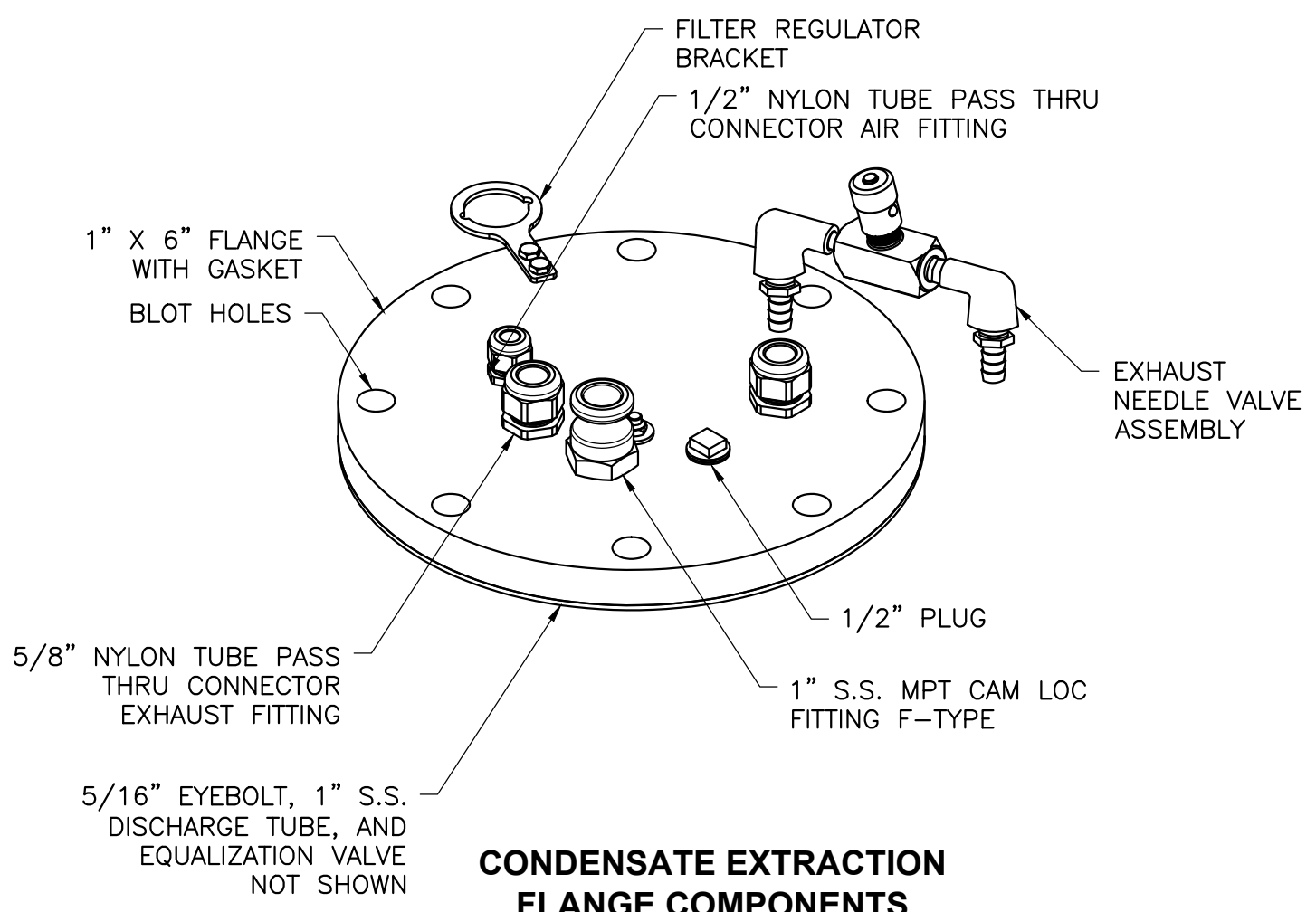


SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

**2025 GCCS CONSTRUCTION  
DETAILS**

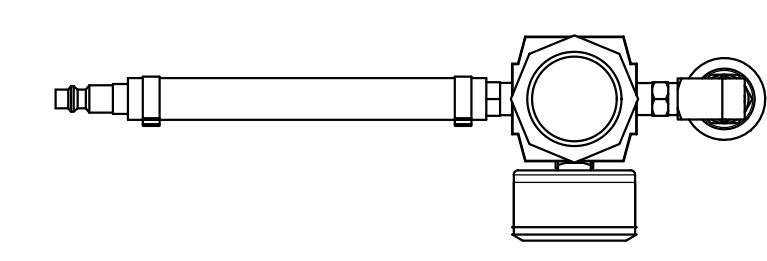
SHEET NO.  
**DS4**

PROJECT NO.  
209-4251350

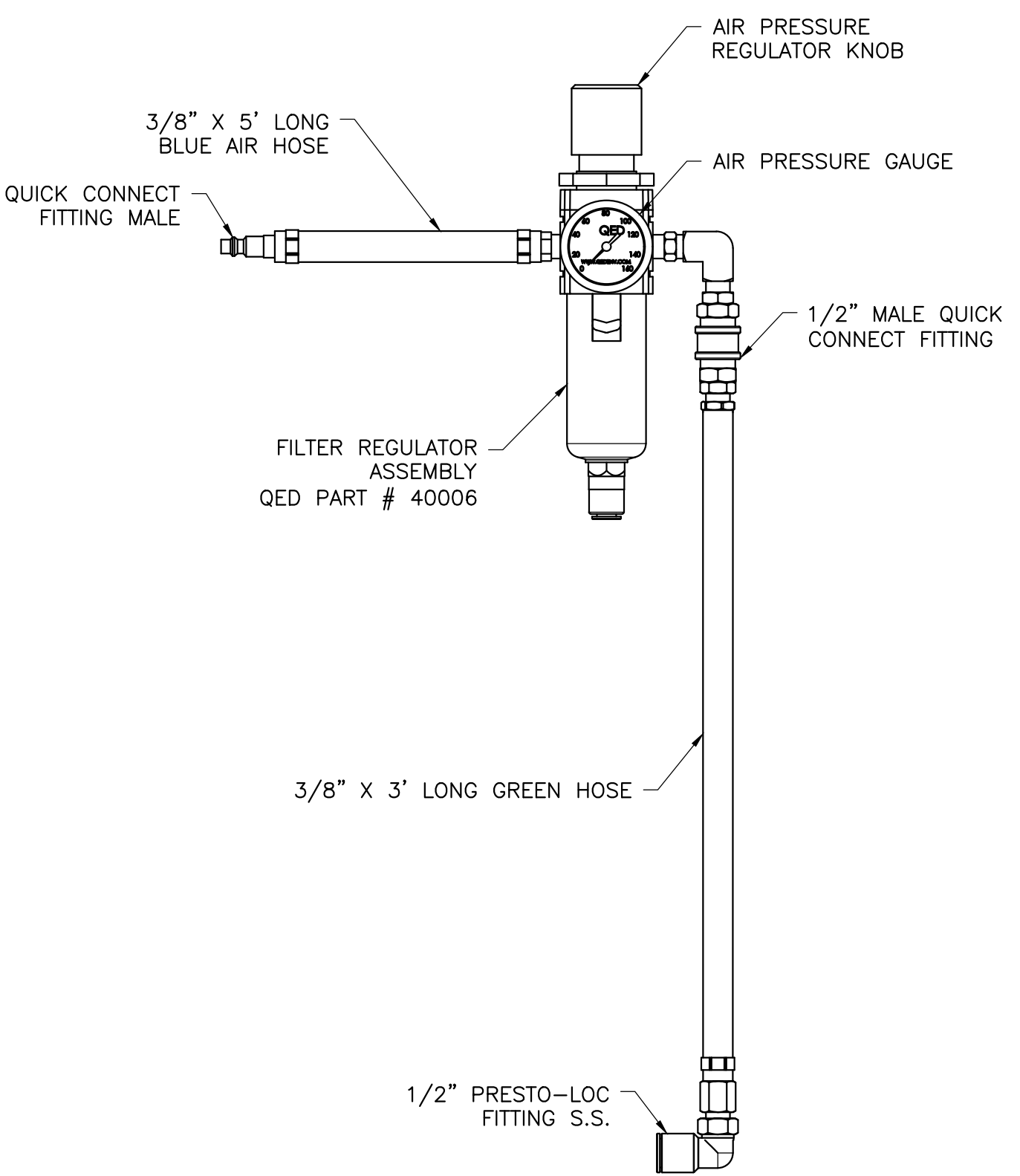


**CONDENSATE EXTRACTION FLANGE COMPONENTS**

**DETAIL 1**  
SCALE: NOT TO SCALE  
DSS



**PLAN VIEW**

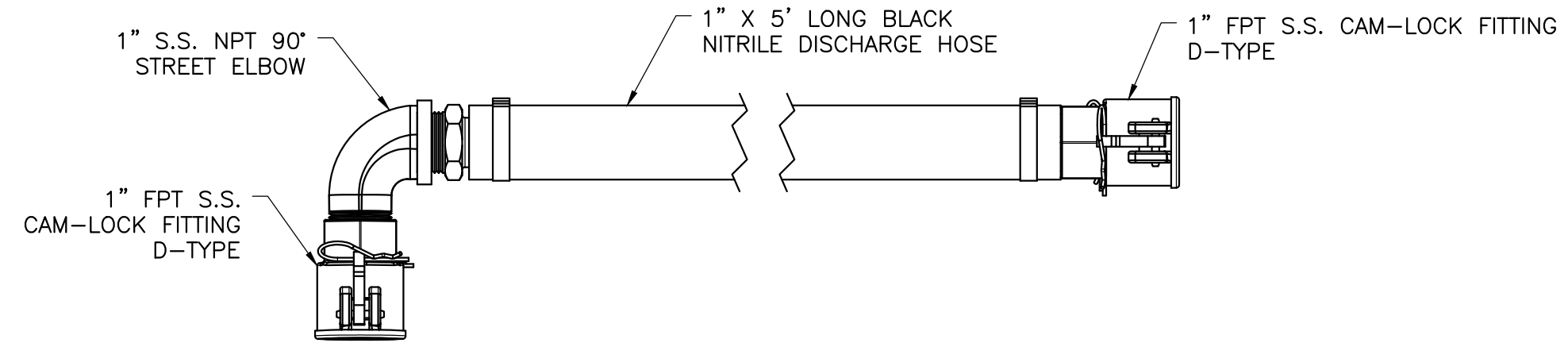


**SIDE VIEW**

QED PART #40006  
QED PART #39196

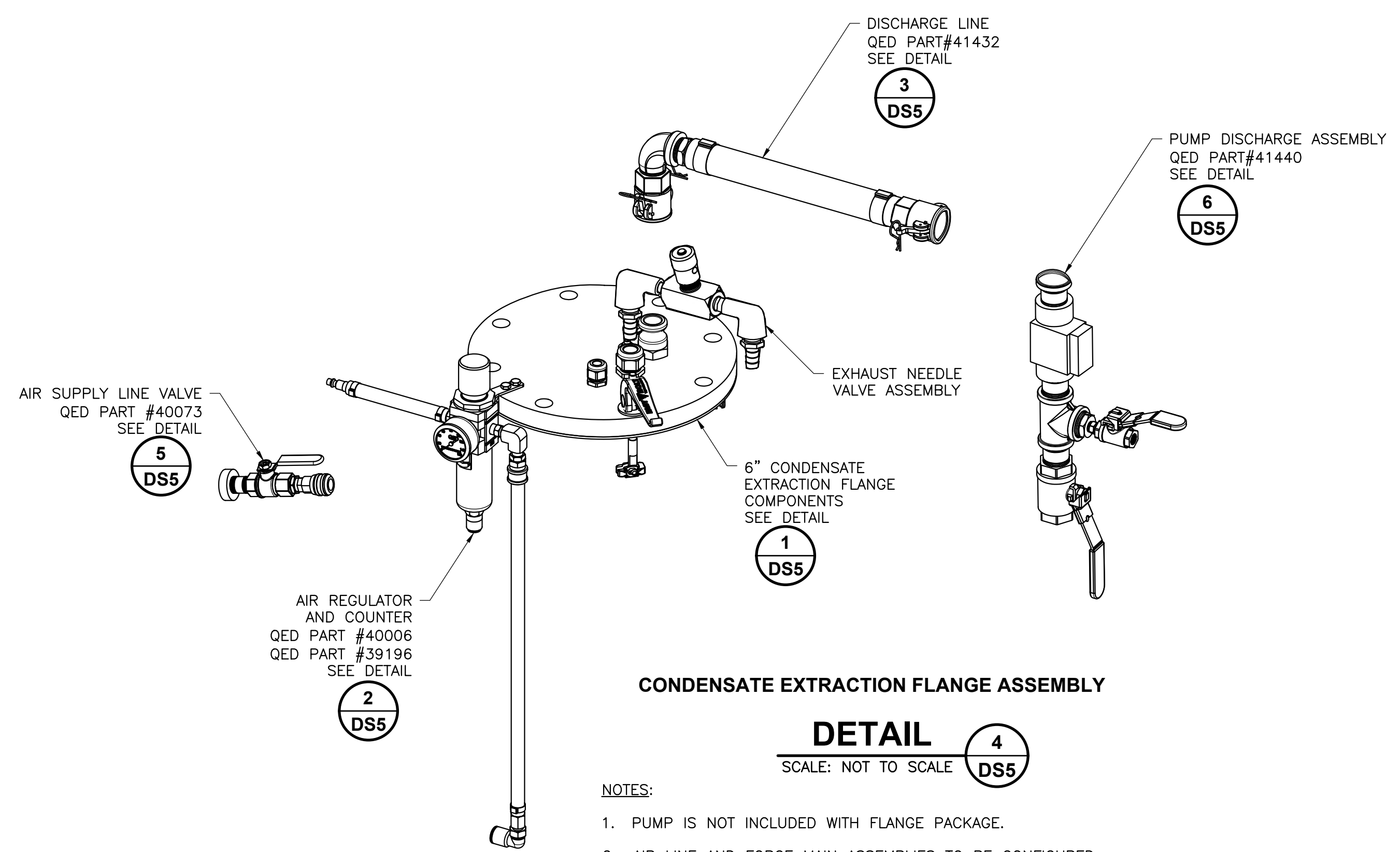
**DUAL EXTRACTION WELL AIR REGULATOR AND COUNTER**

**DETAIL 2**  
SCALE: NOT TO SCALE  
DSS



**DUAL EXTRACTION WELL DISCHARGE LINE**

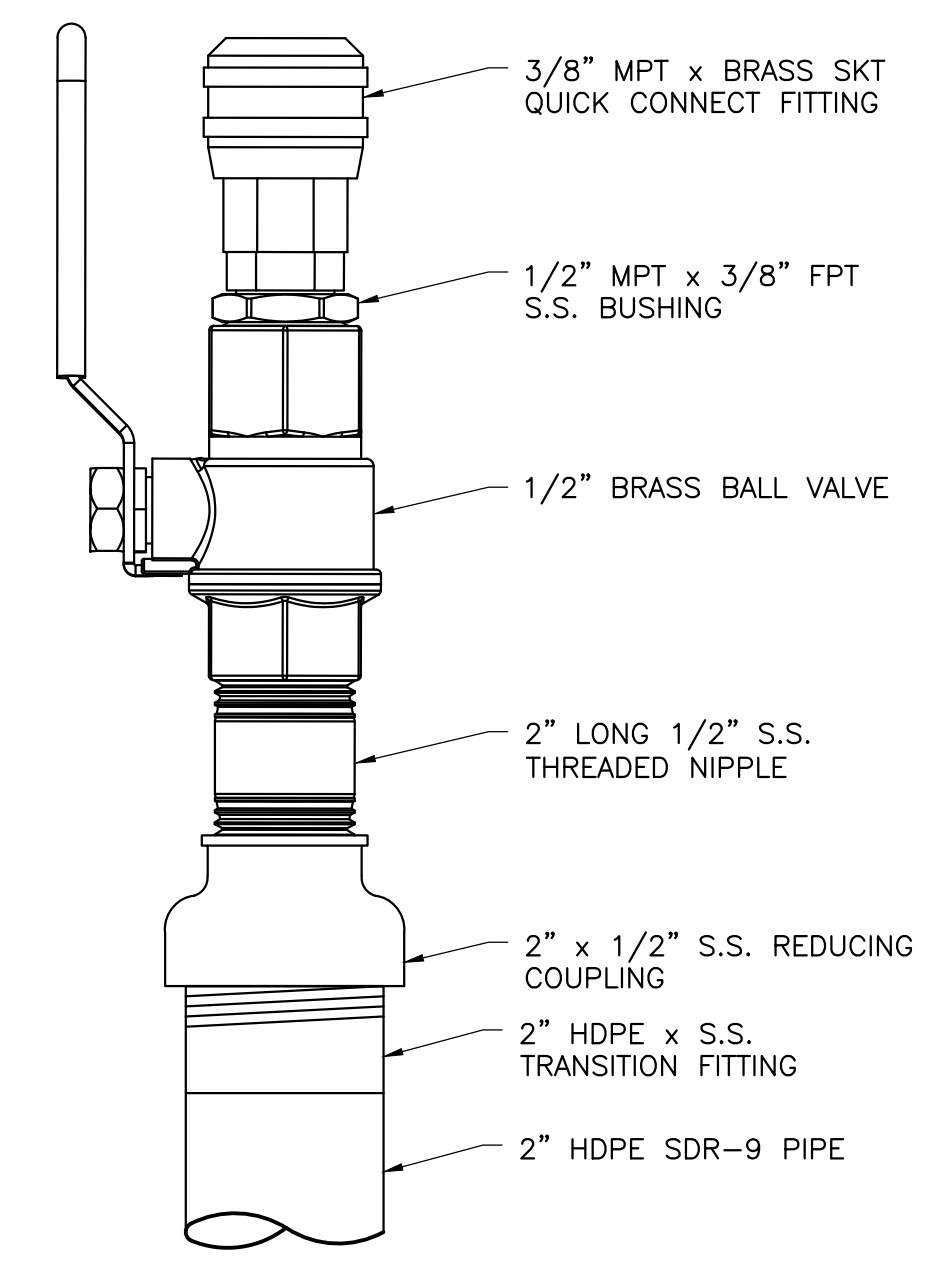
**DETAIL 3**  
SCALE: NOT TO SCALE  
DSS



**CONDENSATE EXTRACTION FLANGE ASSEMBLY**

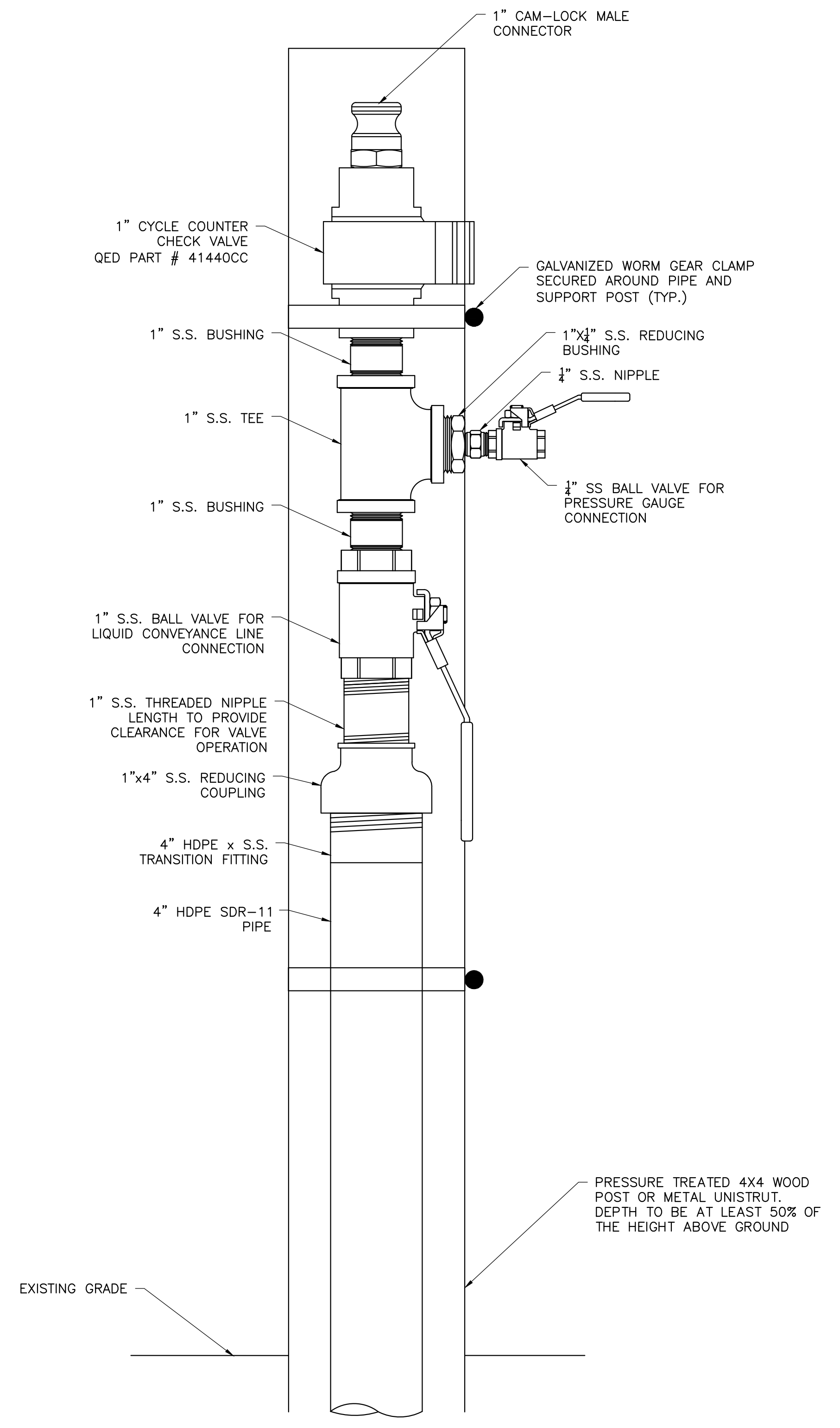
**DETAIL 4**  
SCALE: NOT TO SCALE  
DSS

- NOTES:
1. PUMP IS NOT INCLUDED WITH FLANGE PACKAGE.
  2. AIR LINE AND FORCE MAIN ASSEMBLIES TO BE CONFIGURED FOR COLD CLIMATES.
  3. PUMP TO BE SET 6-IN OFF THE BOTTOM OF THE SUMP.
  4. PUMP EXHAUST PORTS TO BE FITTED WITH THROTTLING NEEDLE VALVE.
  5. PUMP HOSE CONNECTIONS TO BE FITTED WITH EASY FITTINGS.
  6. PUMP AIR EXHAUST TO BE FITTED WITH EQUALIZATION VALVE.



**AIR SUPPLY LINE VALVE FOR WELLHEADS**

**DETAIL 5**  
SCALE: NOT TO SCALE  
DSS



**PUMP DISCHARGE ASSEMBLY**

**DETAIL 6**  
SCALE: NOT TO SCALE  
DSS

**ISSUED FOR BID - ADDENDUM 2**

| REV      | DATE | DESCRIPTION | DWN BY | DES BY | CHK BY | APP BY |
|----------|------|-------------|--------|--------|--------|--------|
| 04/10/25 |      |             |        |        |        |        |



SOLID WASTE AUTHORITY OF CENTRAL OHIO  
FRANKLIN COUNTY SANITARY LANDFILL  
GROVE CITY, OHIO

**2025 GCCS CONSTRUCTION DETAILS**

SHEET NO.  
**DS5**  
PROJECT NO.  
209-4251350

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 1" 1/2" 0"

## BID SHEET

To the Solid Waste Authority of Central Ohio (“SWACO”), Franklin County, Ohio, to provide the Project as outlined in this RFB and in accordance with the specifications provided; therefore, **EACH BIDDER MUST TAKE NOTICE OF THE FACT THAT EVEN THOUGH ITS BID MAY BE ACCEPTED AND THE DOCUMENTS SIGNED BY THE BIDDER TO WHOM AN AWARD IS MADE AND BY SWACO, THAT NO SUCH AWARD OR SIGNING BY SWACO SHALL BE CONSIDERED A BINDING CONTRACT WITHOUT THE PROPER CERTIFICATE BY THE FISCAL OFFICER OF SWACO INDICATING THAT FUNDS ARE AVAILABLE TO COVER THE COST OF THE WORK TO BE DONE, OR WITHOUT THE APPROVAL OF THE LEGAL COUNSEL OF SWACO AS TO THE FORM OF THE CONTRACT AND ALL THE PERTINENT DOCUMENTS RELATING THERETO HAVING BEEN APPROVED BY SAID LEGAL COUNSEL OF SWACO AND SUCH BIDDER IS HEREBY CHARGED WITH THIS NOTICE.**

The signer of the Bid, as Bidder, also declares that the only person, persons, company or parties interested in this Bid are named in this Bid, that he/she has carefully examined the advertisement, instructions to Bidders, General Conditions, sample contract documents, and all other documents related to this Bid as listed in the “Table of Contents” section of the Request for Bid package; that the Bidder or his/her representative has made such investigation as is necessary to determine the character and extent of the purchase and he/she proposes and agrees that if this Bid be accepted he/she will contract with SWACO to perform all necessary procedures in order to execute SWACO’s purchase within the time period set forth and according to the requirements of SWACO herein and hereinafter set forth for the following prices:

THE BIDDER’S LUMP SUM TOTALS BELOW ARE ITS TOTAL BIDS BASED ON UNIT PRICES. THESE FIGURES ARE FOR INFORMATION ONLY AT THE TIME OF OPENING BIDS. SWACO WILL MAKE THE TABULATION FROM THE UNIT PRICES. IF THERE IS AN ERROR IN THE LUMP SUM TOTAL BY THE BIDDER, IT SHALL BE CHANGED AS ONLY THE LUMP SUM PRICES SHALL GOVERN.

**BID SHEET (CONTINUED)**

This Bid is to provide the Project according to the information provided in the Request for Bid documents.

**Company Name** \_\_\_\_\_

**Bid Tab**

| BID ITEM | DESCRIPTION                                    | ESTIMATED QUANTITY | UNIT | LABOR | MATERIAL | UNIT PRICE | TOTAL |
|----------|------------------------------------------------|--------------------|------|-------|----------|------------|-------|
| Item 100 | Piping Mobilization/Demobilization             | 1                  | LS   | \$    | \$       | \$         | \$    |
| Item 101 | 12" HDPE SDR 17 Pipeline Header/Lateral Trench | 80                 | LF   | \$    | \$       | \$         | \$    |
| Item 102 | 24" HDPE SDR 17 Pipeline Header/Lateral Trench | 3,350              | LF   | \$    | \$       | \$         | \$    |
| Item 103 | 2" HDPE SDR 9 Air Line                         | 4,000              | LF   | \$    | \$       | \$         | \$    |
| Item 104 | 3" HDPE SDR 11 Forcemain                       | 150                | LF   | \$    | \$       | \$         | \$    |
| Item 105 | 4" HDPE SDR 11 Forcemain                       | 3,850              | LF   | \$    | \$       | \$         | \$    |
| Item 106 | 12" Tie-in to Existing Blind Flange            | 2                  | EA   | \$    | \$       | \$         | \$    |
| Item 107 | 24" Tie-in to Existing Header Access Riser     | 1                  | EA   | \$    | \$       | \$         | \$    |
| Item 108 | 24" Tie-in to Existing Flange                  | 3                  | EA   | \$    | \$       | \$         | \$    |
| Item 109 | 2" Tie-in to Existing Air Line                 | 1                  | EA   | \$    | \$       | \$         | \$    |
| Item 110 | 3" Tie-in to Existing Forcemain                | 1                  | EA   | \$    | \$       | \$         | \$    |
| Item 111 | 12" Blind Flange                               | 5                  | EA   | \$    | \$       | \$         | \$    |
| Item 112 | 24" Blind Flange                               | 1                  | EA   | \$    | \$       | \$         | \$    |
| Item 113 | 12" Header Isolation Valve                     | 2                  | EA   | \$    | \$       | \$         | \$    |
| Item 114 | 24" Header Isolation Valve                     | 5                  | EA   | \$    | \$       | \$         | \$    |
| Item 115 | 2" Air Line Isolation Valve                    | 4                  | EA   | \$    | \$       | \$         | \$    |
| Item 116 | 4" Forcemain Isolation Valve                   | 4                  | EA   | \$    | \$       | \$         | \$    |
| Item 117 | 4" Cleanout Risers                             | 6                  | EA   | \$    | \$       | \$         | \$    |
| Item 118 | 12" Header Access Riser                        | 9                  | EA   | \$    | \$       | \$         | \$    |
| Item 119 | 24" Header Access Riser                        | 2                  | EA   | \$    | \$       | \$         | \$    |
| Item 120 | Dual Contained Condensate Sump                 | 2                  | EA   | \$    | \$       | \$         | \$    |

*Continued on next page*

**Bid Tab** *(Continued)*

| BID ITEM     | DESCRIPTION                              | ESTIMATED QUANTITY | UNIT | LABOR | MATERIAL | UNIT PRICE | TOTAL     |
|--------------|------------------------------------------|--------------------|------|-------|----------|------------|-----------|
| Item 121     | Anti-Seep Collar                         | 2                  | EA   | \$    | \$       | \$         | \$        |
| Item 122     | Road Crossing                            | 60                 | LF   | \$    | \$       | \$         | \$        |
| Item 123     | Relocation of Existing Concrete Drop Box | 2                  | EA   | \$    | \$       | \$         | \$        |
| Item 124     | Miscellaneous Fittings                   | 1                  | LS   | \$    | \$       | \$         | \$        |
| Item 125     | Site Restoration                         | 1                  | LS   | \$    | \$       | \$         | \$        |
| Item 201     | Water Truck                              | 60                 | Day  | \$    | \$       | \$         | \$        |
| <b>TOTAL</b> |                                          |                    |      |       |          |            | <b>\$</b> |

[Write out the Total Bid Amount below]

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Proposed Project Start Date: \_\_\_\_\_

Proposed Project Completion Date: \_\_\_\_\_

*Must be completed no later than October 15, 2025  
Duration not to exceed twelve (12) weeks*

Submitted this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

By: \_\_\_\_\_  
*Authorized Signature*

## Bidder's Representative

Contact Person for this Bid \_\_\_\_\_

Title \_\_\_\_\_

E-mail Address \_\_\_\_\_

Company Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

Mobile Number \_\_\_\_\_

Attach additional paperwork if necessary.

If Bidder is:

**An Individual**

By: \_\_\_\_\_  
(Individual's signature)

\_\_\_\_\_  
(Printed or typed name of individual)

Doing business as: \_\_\_\_\_

License or Registration Number: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No.: \_\_\_\_\_

~~~~~

A Partnership

By: _____
(Firm name)

(General partner's signature)

(Printed or typed name of general partner) (Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

Phone No. _____ Fax No.: _____

~~~~~

**A Corporation**

By: \_\_\_\_\_  
(Corporation name)

\_\_\_\_\_  
(State of incorporation)

By: \_\_\_\_\_  
(Signature of officer authorized to sign)

\_\_\_\_\_  
(Printed or typed name and title of officer authorized to sign. Attach evidence of authority to sign.)

(CORPORATE SEAL)

Attest: \_\_\_\_\_  
(Secretary)

License or Registration Number: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No. \_\_\_\_\_ Fax No.: \_\_\_\_\_

~~~~~

Limited Liability Company

By: _____
(Firm name)

(State of formation)

By: _____
(Signature of member authorized to sign)

(Printed /typed name and title of authorized member. Attach evidence of authority to sign.)

License or Registration Number: _____

Business Address: _____

Phone No. _____ Fax No.: _____

~~~~~

**A Joint Venture**

Joint Venture Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed or Typed Name) (Title)

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed or Typed Name) (Title)

\_\_\_\_\_  
(Address)

Phone and fax number and address for receipt of communications to joint venture:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation or limited liability company that is a party to the joint venture shall be in the manner indicated above).

++ END OF BID FORM ++