ADDENDUM NO. 3
TO THE
BIDDING REQUIREMENTS AND CONTRACT DOCUMENTS
FOR THE
DIV IV DRY WEATHER PUMP STATION AND FORCE MAIN REHABILITAITON

OWNER: **City of Anderson**

ISSUED BY/ENGINEER: Egis Group
8320 Craig Street
Indianapolis, Indiana 46250

ISSUED TO: All Plan and Specifications Holders of Record

ISSUE DATE: January 8, 2026

BID DATE: January 13, 2026

This Addendum No. 3 shall clarify, correct, or change the Bidding Requirements or the proposed Contract Documents. This Addendum is a part of the Bidding Requirements and the proposed Contract Documents and shall govern in the performance of the Work.

PART 1 - PROJECT MANUAL

1.1 ADDED SPECIFICATION SECTIONS

A. None

1.2 REVISED SPECIFICATION SECTIONS

A. Section 00410 – Bid Form – Added Section 2.01 F. through K and removed Section 2.02. See attached reissued form.

B. Section 01230 – Added Sections 3.1 B through 3.1 F.

C. Section 07721 – Add Section 2.5.G as follows:

G. Acceptable manufacturers/suppliers for hatches include: Bilco, Halliday, EJ, and Flyght/Xylem.

PART 2 – DRAWINGS

2.1 ITEM NO. 1 – REISSUED SHEETS

A. Sheet C106 – Updated elevations have been added to Sheet C106.

B. Sheet C107 – Updated elevations have been added to Sheet C107.

C. Sheet C300 – Updated Trench Detail table.

2.2 ITEM NO. 2 – ADDED SHEETS

A. None

2.3 ITEM NO. 3 – CLARIFICATIONS

A. Sheet E104 – New Work One-Line Diagram – Panel LP-RS should be labeled Panel LP-PS. This will be updated as part of the conformed documents.

PART 3 – ADDITIONAL TECHNICAL INFORMATION

The following technical information is not part of the Contract Documents, but Bidder is entitled to rely upon this "technical data" as provided in Paragraph 5.02 of the General Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any "technical data" or any other data, interpretations, opinions or information contained in such information.

3.1 ITEM NO. 3 – QUESTIONS

A. What is the estimated start and end of construction dates?

Response: Estimated NTP for construction is 3/3/26 and final completion is 5/31/27.

B. Please confirm whether panel DP-1A is intended to receive new breakers, or if existing breakers are to be reused.

Response: Per Sheet E105 DP-1A is intended to receive a new breaker.

C. Drawing E103, Keynote 1 indicates to remove breaker, while drawing E104, Keynote 1 indicates to reprogram breaker. Please clarify whether the intent is to reuse the existing breaker in SWB-1 and reprogram it, or to remove and replace the breaker.

Response: This item was clarified in Addendum #2. The breakers associated with 2A, 2B, and 6D on the one-line diagram and the front elevation are to be reprogrammed. The breakers may need to be removed to facilitate the required work in the space.

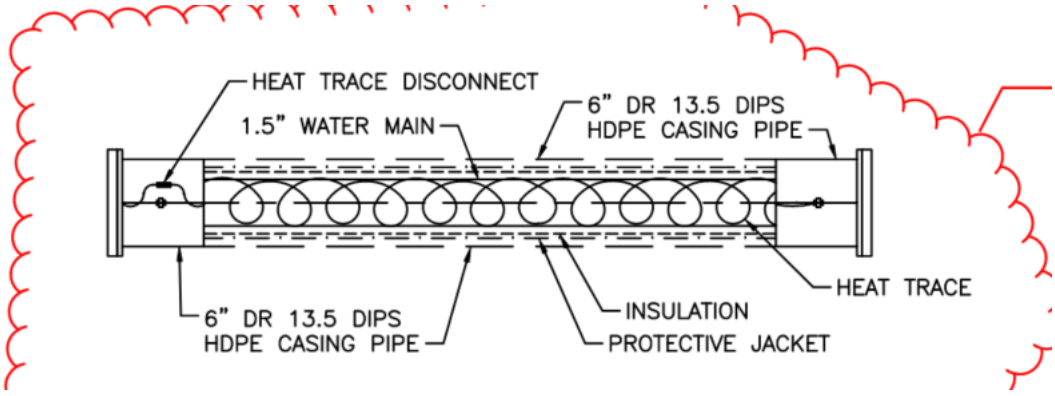
D. The single-point electrical connection location for the hoist crane is not shown on the drawings. Please provide the location and reference drawing for this connection.

Response: The crane utilized as the basis of design is a hardwired crane that disconnects directly from the motor. This connection will be dependent upon the crane supplied and will need to be field coordinated with Owner if not hardwired and direct disconnect from crane motor. For reference, basis of design was a Harrington Hoists and Crane Model NER2M050LD-LD.

E. Are dry-prime (vac-assisted) pumps an option? How deep below-grade is the water surface, and how deep overall is the wet-well? What is the minimum depth level allowed between grade and water surface?

Response: Diesel powered dry-prime pumps are acceptable for bypass pumping. Wet well top and bottom elevations are provided on the plan sheet C107. Please refer to the attached 2009 plan sheets of the screen structure for depth information, including maximum water surface information during wet weather. Bidders are encouraged to visit the site as well if unable to attend the advertised pre-bid meeting. Site visits must be pre-arranged with Engineer.

F. Can you clarify the intent of the below detail and where this is required? Is this the entire seal water line or just at valve vault penetrations. If this is used outside of structure, would a standard insulation jacket be acceptable? The leaders on each side of the section shown below are swtitched. On one side, the DI pipe leader points to the flanged section and on the other side the HDPE casing pipe points to flanged section.



Response: The Owner has requested all heat traced line to be enclosed in a casing pipe. The flanges shown in the detail are shown incorrectly. The intent was to use an easy to obtain, thin wall plastic (DIPS size HDPE) pipe for encasement. The intent was not to use any steel or ductile iron pipe for encasement. For PVC to be considered a protective UV coating would be required.

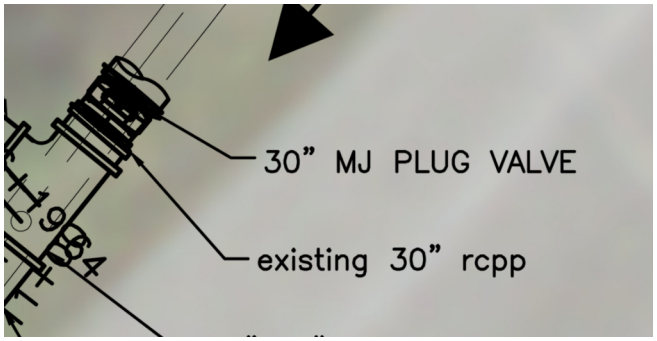
G. Are Halliday hatches acceptable for spec section 07721 if they meet the same requirements in specifications?

Response: Specification Section 07721 only lists an acceptable manufacturer for roof scuttles/hatches under section 2.9.K. The following are acceptable manufacturers for all other hatches: Bilco, Halliday, EJ, and Flyght/Xylem. This information will also be added to Specification 07721 Section 2.5. All hatches must be able to meet the technical specifications and the physical opening requirements listed on drawing C107 Note 5.

H. Do you have size requirements for vented wireway other than detail on E109?

Response: There are no additional size requirements available. The vented wireway must be sized to meet the needs of wires and conduits passing the wireway and any applicable code requirements.

I. Do you have the OD of the existing 30" RCPP or submittals from previous project? Do you have an acceptable transition coupling in mind between the RCP and DIP?



Response: Owner and Engineer have no outside diameter information on the existing 30" RCP pressure pipe. All fittings must be able to pass any state required pressure testing for force mains.

J. E101 Note 3 seems to conflict with Note 6 on E106. Note 3 states existing conduit/wire to removed, Note 6 states that existing conduit to remain. Are these the same runs? It looked like this is getting removed/reinstalled but wanted to verify.

Response: The transduce and the field termination panel is being relocated. Please refer to sheet E102 for relocated field termination panel. Some wiring and conduit could remain, but due to new location, additional wiring and conduit may be required. Additionally, the float switches are relocated. See note 3 on E102.

K. E103 Note 8- Location of capacitors along with conduit and wire size?

Response: The capacitors are located in the Primary Tanks Building. Current conduit and wire size information is not available.

L. E104 New Work One Line- 'Panel LP-RS' labeled as new install. Is this a typo and meant to be 'LP-PS' or is that its own panel? Is this a typo. Can you verify?

Response: Yes, the panel should be labeled LP-PS.

M. MAS-801 Panel shown on E102 Note 31- is that panel being supplied by the Owner?

Response: Yes. This panel is supplied as part of the pump package and is therefore, supplied by the Owner.

N. E102 Notes 13 and 31 are two separate panels, however one is listed as a NEMA 12 Indoor Enclosure while the one directly next to it is a NEMA 4X Outdoor Enclosure. Is this area where the panels are installed indoors or outdoors? These will be outdoor. Please verify enclosure requirements.

Response: Note 31 is labeled incorrectly. The MAS-801 panel will be coordinated with the Owner to ensure it is delivered as a NEMA 4X or other appropriate weather rated material panel. Note 13 is listed correctly.

O. Will it be required to test the entire 36" FM after lining is complete? Each section will be tested after lining is complete.

Response: Yes. The fully lined section should be tested from station 200+00 to 231+00 must be tested to test all pit repairs and liner junctions. The forcemain should be tested per 02545 Section 3.9 following lining.

P. Could we use a heavier jacket and denser foam insulation on seal water pipe insulation in lieu of casing pipe as shown in the detail? See attached specifications on jacketing and foamglas insulation.

Response: For the purposes of the bid, please follow the base bid. Alternates will be evaluated after bidding for a potential deduct change order.

Q. What is the anticipated working pressure of the temporary 30" bypass line?

Response: The working pressure of the bypass line is up to 32 psi.

R. What is the working pressure of the 36" FM?

Response: The working pressure of the 36" force main is up to 33 psi.

S. Can you confirm the galvanized steel crane support does not get coated with paint?

Response: The galvanized steel crane support was not intended to be painted.

T. Does the existing 30" RCP pipe have any air release valves or blowoffs currently installed on line?

Response: Please refer to the drawings shared in Addendum Number 2. If any existed they would be shown on the plan sheets provided.

U. Does the existing 30" RCP pipe have any valves currently installed on line?

Response: Please refer to the drawings shared in Addendum Number 2. If any existed they would be shown on the plan sheets provided.

V. MA #5 requests a unit price for 9 months of bypass pumping. The initial mobilization and set-up and the final tear-down and demobilization are large drivers in the overall cost of bypass pumping. If the work is completed in only 5 months (example) the unit price will be more than if the entire 9 months is used. Where should we account for the costs that are not part of the monthly costs?

Response: Please see the attached revised Bid Form Attachment A and reissued specification 01230 – Alternates.

W. Please confirm that the work associated with MA#3 is the work that is depicted in Detail 1 and Section A-A on plan sheet C103.

Response: Correct. MA #3 is all materials, equipment, testing and work associated with Detail 1 and Section A-A on sheet C103.

X. Please confirm that the work associated with MA#4 is the work that is depicted in Detail 1 on plan sheet C104.

Response: Correct. MA #4 is all materials, equipment, testing and work associated with Detail 1 on sheet C104.

Y. What costs are to be included in each of these Mandatory Alternate (MA #3 & MA #4) values for "connections". Do we include the required excavation & backfill? Fittings & valves? Or only the specialty adapters to connect the DI to RCPP. Please define what is included in "connection".

Response: As noted above, the lump sum cost should include all materials, equipment, testing, and work/costs required to install the connections.

Z. Whose panel DP-1A is for new breakers? Note 1 on drawing E103 Keynote 1 states to remove breaker and on drawing E104 keynote 1 states to reprogram breaker, can you clarify if we are use existing breaker in SWB-1 and reprogram breaker?

Response: Per Sheet E105 DP-1A is intended to receive a new breaker.

AA. Location for single point connection to hoist crane is not on drawings. Can you clarify location?

Response: Please refer to Comment D above.

BB. Will Controls contractor be providing all PLCs and VFDs?

Response: As noted in Addendum 2, the Owner will be providing all VFDs and I&C equipment for this project. The Owner will also rebuild the panel back planes once panels are removed by the Contractor and provide the rebuilt planes to the Contractor for installation. Contractor is responsible for providing float switches and mounting float switches, cabling, and conduit as noted in comments above.

CC. Can the excavated material be placed back in the CIPP inversion pits after the connections are put back and bedded in engineered fill?

Response: Please refer to comments above, the attached the trench detail on sheet C300, and Specification 02300 for the definition of Satisfactory Soil. So long as the native soil meets the definition of in the specification and is not under or within 5-foot of pavement, it could potentially be utilized for final backfill.

DD. Does Anderson have a place for excess soil to be dumped?

Response: Yes. The location is at the Gene Gustin Wastewater Plant. The general area is outlined in red below. Before any fill is placed, Contractor must coordinate with Owner.

EE. A road ramp is not required at the plant for the 30" bypass, correct?

Response: Correct. There are no road ramps planned for the current by-pass pump route.

FF. Can multiple bypass pipes be used to provide similar pipe capacity?

Response: Yes, but only from the 30" RCPP connection to approximately station 56+50. A single pipe will be required from station 56+50 to the nose of the PTF due to space and activity constraints.

Encls.: Reissues Specification 01230
Reissued Bid Form 00410
Revised Sheets C106 and C107
Revised Sheet C300
2009 Screen Structure Plan Sheets
2011 Record Drawings – Pump Station

SECTION 01230
ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

2. Costs listed for each alternate include costs of related coordination, modification, or adjustment.

1.3 PROCEDURES

A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.

C. Execute accepted alternates under the same conditions as other Work.

D. Schedule: A Schedule of Alternates is included at the end of this Section.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Mandatory Alternate No. 1 – Clean and Televise 30” RCP Force Main

1. Pay Item Type: Unit Price

2. Description: Operation of heavy cleaning and televising equipment in the abandoned 30” RCP Force Main. This force main is not connected to any facilities at either terminating location.

3. Unit of Measurement:

   a. LF.

4. Payment:

   a. Upon delivery and acceptance of full inspection report.

B. Mandatory Alternate No. 2 – Pressure and Leak Test 30” RCP Force Main

1. Pay Item Type: Unit Price

2. Description: Pressure and leak testing of the abandoned 30” RCP Force Main following installation of the bypass pump connection point. This force main is not connected to any facilities at either terminating location. This pay item should include all costs associated with the testing of the force main. Test procedure must meet Indiana 327 IAC 3-6-19 or other applicable AWWA, ASTM , or manufacturer requirements acceptable to the Engineer and Owner. Test pressure to not exceed 1.2 times the working pressure or 55 psi whichever is greater.

3. Unit of Measurement:

   a. LF.

4. Payment:

   a. Upon delivery and acceptance of passed tests.

C. Mandatory Alternate No. 3 – 30” RCPP Connection

1. Pay Item Type: Unit Price

2. Description: Installation of the 30” RCPP to 36” DI permanent bypass pumping connection point located near Gene Gustin Way and 6th Street. Pay item to include all materials, labor, overhead, and mark-up to complete this work and provide an installed, functioning connection point. This point is considered permanent for Owner’s future use if needed. See drawings for further details.

3. Unit of Measurement:

   a. LS.

4. Payment:
    a. Upon delivery and acceptance of work.

D. Mandatory Alternate No. 4 – Install 30” DI Connection
1. Pay Item Type: Unit Price
2. Description: Installation of the 30” DI to 36” DI permanent bypass pumping connection point located on the current wet weather force main at the Dewey Street Treatment Facility. Pay item to include all materials, labor, overhead, and mark-up to complete this work and provide an installed, functioning connection point. This point is considered permanent for Owner’s future use if needed. See drawings for further details.
3. Unit of Measurement:
    a. LS.
4. Payment:
    a. Upon delivery and acceptance of work.

E. Mandatory Alternate No. 5.1 – Bypass Pumping: Setup and Removal of Equipment
1. Pay Item Type: Unit Price
2. Description: Installation of bypass pumps, piping, and generators and all associated accessories and ancillary items to make system functional on an as needed basis. Pay item to include all materials, labor, overhead, and mark-up to complete this work and provide an installed, functioning system.
3. Unit of Measurement:
    a. LS.
4. Payment:
    a. To be paid in two installments, 75% at installation and 25% at tear down.

F. Mandatory Alternate No. 5.2 – Bypass Pumping; Monthly Equipment Costs
1. Pay Item Type: Unit Price
2. Description: Monthly supply costs for equipment, including but not limited to pumps, piping, and generators to provide on-going bypass pumping .
3. Unit of Measurement:
    a. MO.
4. Payment:
    a. Upon delivery and acceptance of full inspection report.

END OF SECTION 01230

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to: **City of Anderson Board of Public Works, Room 501, East 8th Street, PO Box 2100 Anderson, Indiana 46018**

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Required Bid security;

B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;

C. Required Bidder Qualification Statement with supporting data; and

D. **Contractors Bid for Public Work - Form 96**

E. Bid Form Attachment A- Bid Prices

F. **List of Proposed Products and Manufacturers, including liner, repair clamps/sleeves, and valves.**

G. List of Proposed Subcontractors

H. List of Proposed Suppliers

I. Affirmative Action Plan

J. Company Wide/Project Workforce Breakdown Forms

K. Non-Discrimination Affidavit

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 *Unit Price Bids*

A. Bidder will perform Work in accordance with the Contract Documents at the unit prices indicated in Bid Form Attachment A – Bid Prices, attached to, and submitted with, this Bid Form.

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for **60 days** after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda: **[Add rows as needed. Bidder is to complete table.]**

Addendum Number	Addendum Date

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing

surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.

5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

3. Bidder has not solicited or induced any individual or entity to refrain from bidding.

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:

a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.

d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

_____

(typed or printed name of organization)

By: _____

(individual's signature)

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Date: _____

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: _____

(individual's signature)

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Date: _____

(typed or printed)

Address for giving notices:

_____

_____

Bidder's Contact:

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Phone: _____

Email: _____

Address:

_____

_____

_____

Bidder's Contractor License No.: (if applicable) _____

BID FORM ATTACHMENT A - BID PRICES
OWNER: City of Anderson
PROJECT: Div IV Dry Weather Pump Station and Force Main Rehab

	Estimated Quantity	Unit Type	Unit Price	Estimated Price
Bidder will complete the Work for the following Unit price(s):				
Administrative				
1 Mobilization/Demobilization *(not to exceed 5% of base bid)*	1	LS		
Sitework				
2 Erosion Control	1	LS		
3 Seal Water Line				
3.01 2-inch Seal Water Line	100	LF		
Sewer Rehabilitation				
4 CIPP Lining				
4.01 36-inch Forcemain	3,125	LF		
Lift Stations and Force Mains				
5 Lift Stations				
5.01 Lift Station Structural: Slab Replacement and Hatches	1	LS		
5.02 Lift Station Piping	1	LS		
5.03 Lift Station Submersible Pumps, Slide Rails, Startup	1	LS		
5.04 Lift Station Electrical	1	LS		
5.05 Wet Weather Pump Station Heat Trace/Insulation (No Building)	1	LS		
5.06 Demo of Existing Dry Weather Pump Station	1	LS		
5.07 Dry Weather Pump Station Wet Well/Valve Vault Penetration	4	EA		
5.08 Monorail Crane	1	LS		
5.09 Relocate Light Pole	1	LS		
Lawns and Grasses				
6 Lawns and Grasses				
6.01 Seeding	1,250	SY		

Total Unit Price Base Bid Amount, inclusive of all Pay Items:

_____ $ _____
(words) *(numerals)*

Mandatory Alternate #1: Clean and Televise 30" RCP Force Main	1,350	LF		
Mandatory Alternate #2: Test 30" RCP Force Main	1,350	LF		
Mandatory Alternate #3: 30" RCPP Connection	1	LS		
Mandatory Alternate #4: Install 30" DI Connection	1	LS		
Mandatory Alternate #5: (If awarded, will not be awarded separately.)				
MA 5.1: Set-up and Removal of Equipment	1	LS		
MA 5.2: Monthly Equipment Cost	9	MO		
Allowance #1 - MA #5 Fuel Contingency			$25,000	$25,000

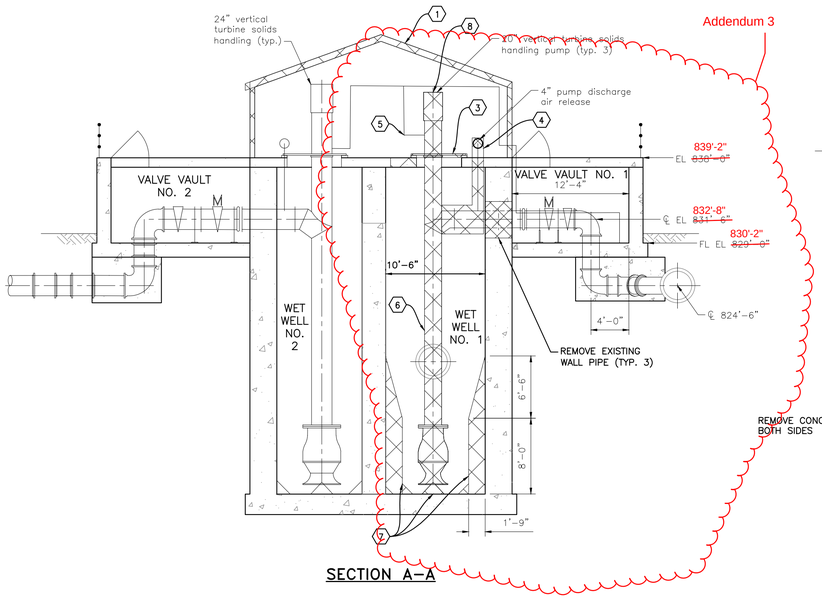
Bidder: _____ Date:

By: _____
(Signature of Bid Form Signatory)

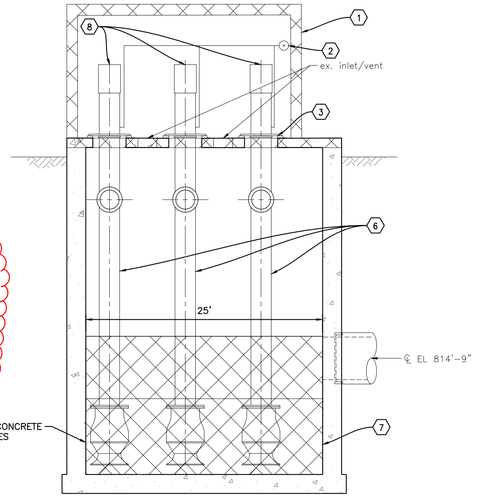
Name (typed or printed): _____

DEMOLITION NOTES

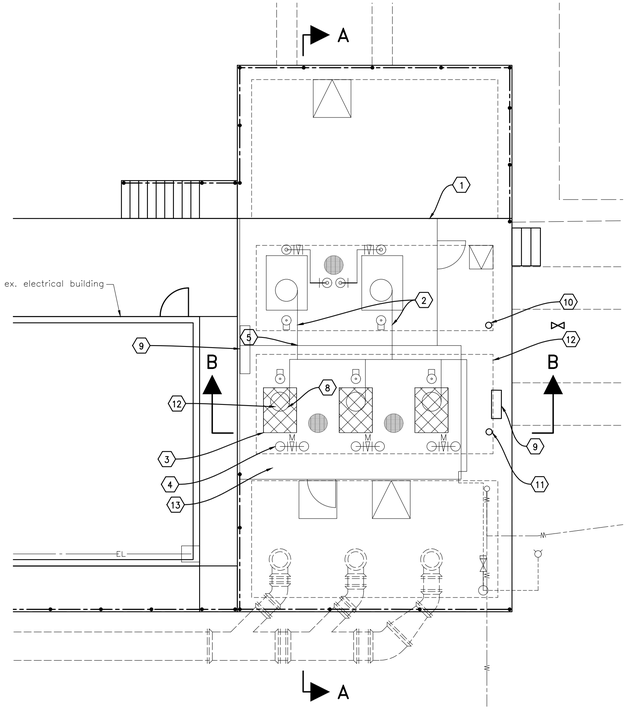
1. DEMOLISH EXISTING WOOD FRAMED METAL CLAD BUILDING INCLUDING DOORS, LOUVERS, HVAC EQUIPMENT, AND ELECTRICAL COMPONENTS FOR NON-PROCESS EQUIPMENT.
2. SEAL WATER TO EXISTING WET WEATHER PUMPS SHOULD BE MAINTAINED SUCH THAT ONE WET WEATHER PUMP IS OPERABLE AT ALL TIMES. ANY TEMPORARY SHUTDOWNS TO THESE PUMPS SHALL BE COORDINATED WITH THE OWNER AND ENGINEER WITH AT LEAST 48 HOURS ADVANCE NOTICE.
3. REMOVE EXISTING SOLE PLATE.
4. REMOVE EXISTING AIR RELEASE VALVE, PIPING, AND MOTORIZED ACTUATOR.
5. DEMOLISH SEAL WATER TO EXISTING DRY WEATHER PUMPS.
6. REMOVE PUMP SHAFT, DISCHARGE HEAD, SUCTION BELL, AND LOWER BOWL SECTION.
7. DEMOLISH EXISTING CONCRETE/GROUT FILLET IN THE LOWER PORTION OF THE WET WELL SUCH THAT THE INTERIOR WIDTH OF THE WET WELL IS A UNIFORM 10'-6".
8. REMOVE EXISTING 125 HP PUMP MOTOR AND ELECTRICAL CONNECTIONS.
9. EXISTING ELECTRICAL PANELS TO BE RELOCATED. SEE ELECTRICAL SHEETS FOR MORE INFORMATION.
10. EXISTING LEVEL SENSOR.
11. EXISTING LEVEL SENSOR TO BE RELOCATED.
12. EXISTING HATCHES TO BE REMOVED.
13. SEE STRUCTURAL SHEET S201 AND S301 FOR LIMITS OF CONCRETE DEMOLITION.



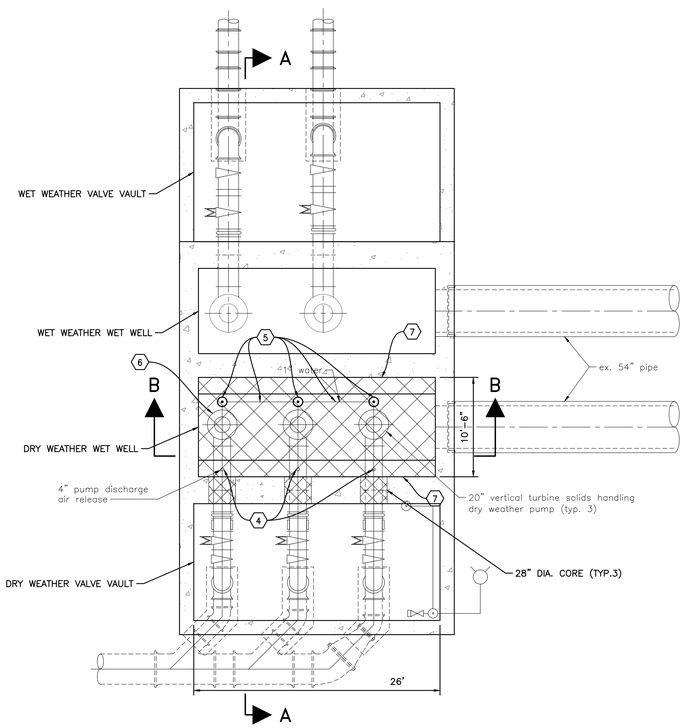
SECTION A-A



SECTION B-B



TOP PLAN



SECTIONAL PLAN

= TO BE DEMOLISHED

DRY WEATHER PUMP STATION

SCALE: ⅛" = 1'-0"

egis

BY	DATE	REVISIONS AND ISSUES

RENEE LYNN GOLTZ — REGISTERED — No. 10403860 — STATE OF INDIANA — PROFESSIONAL ENGINEER

DATE: 6/26/2025

CONSTRUCTION PLANS FOR:
DRY WEATHER PS AND FM REHAB
2801 Gene Gustin Way, Anderson, Madison, Indiana 46011 S 10, T 19 N, R 7 E

DEPARTMENT OF WATER POLLUTION CONTROL
2801 Gene Gustin Way

DRY WEATHER PUMPS DEMO

PLAN DATE: 12/1/2025

DESIGN:	CHECK:	DRAWN:
PRW	BAB	DCW

PROJECT NO. 120046

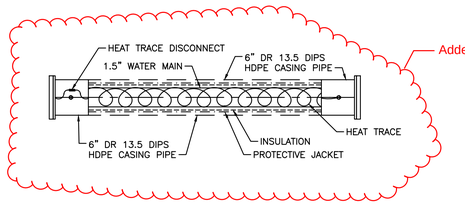
SHEET NO. **C106**

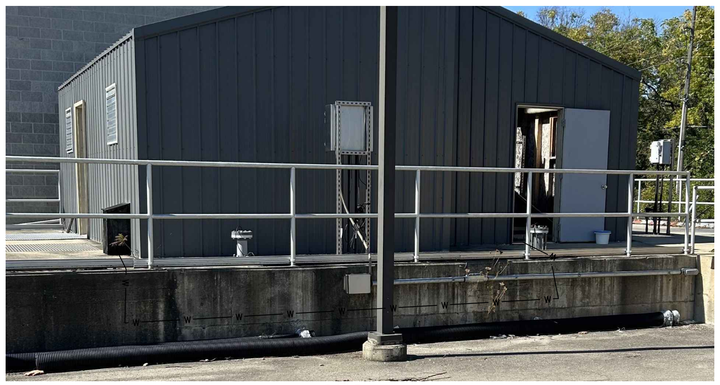
P:\120046-Anderson-Water Pollution Control Facility-Rehab\06-WRD Division IV Project\2 - Drawings\Package 1\120046.Dewey.Pumps.dwg Tuesday, November 25, 2025 11:20:14 AM

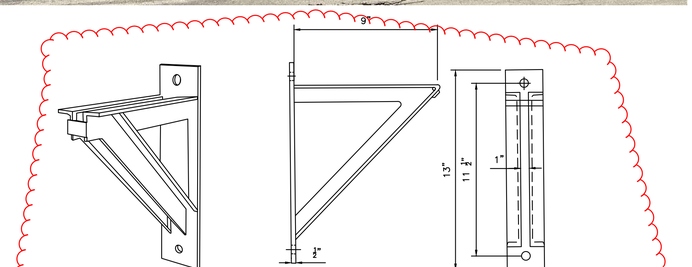
CONSTRUCTION NOTES

1. NEW SUBMERSIBLE 240 HP WASTEWATER PUMP.
2. SEE PUMP BASE GROUT DETAIL ON SHEET C301
3. NEW 16–INCH DUCTILE IRON DISCHARGE PIPE SUPPORTED TO WET WELL AT 10' ON CENTER SPACING.
4. NEW ECCENTRIC 20"X16" DIP REDUCER WITH 20" DIP ELBOW AND 20" TO CONNECT TO EXISTING FLANGE IN VALVE VAULT.
5. PROVIDE NEW 90"X60" OUTSIDE DIMENSION HATCH WITH A CLEAR OPENING OF NO LESS THAN 80"X53". HATCHES SHOULD HAVE DOUBLE DOORS, HINGED ON THE 60" AND BE EQUIPPED WITH SAFETY GRATES. SEE SPECIFICATION 07721 FOR ADDITIONAL INFORMATION.
6. VENTS SHALL HAVE FLAT COVERS. TWO 8" INTAKES AND DISCHARGE POINTS MUST BE PROVIDED AS SHOWN.
7. PROVIDE 316 STAINLESS STEEL BAFFLE PLATE SUPPORTED AT BOTH WALLS WITH 316 STAINLESS STEEL FASTENERS. SEE DETAILS SHEET C301
8. INSTALL SEAL WATER TO EXISTING WET WEATHER PUMPS. MAINTAIN 60" COVER DEPTH OUTSIDE OF PUMP STATION. EXPOSED PIPING IN VALVE VAULT AND ABOVE GRADE SHALL BE INSULATED AND HEAT TRACED. CORE CONCRETE AND PROVIDE INBOARD AND OUTBOARD MECHANICAL SEALS AT EACH VALVE VAULT PENETRATION.
9. HEAT TRACE AND INSULATION MUST CONTINUE TO A POINT NO LESS THAN 1–FOOT BEYOND FREEZE CONCERN. IN THIS CASE, THAT MAY BE IN A CONFINED LOCATION. INSULATION AND HEAT TRACE MUST BE PROTECTED BUT STILL BE EASILY REMOVED BY OWNER IF NEEDED. SEE ADDITIONAL HEAT TRACE AND INSULATION INFORMATION INCLUDED IN SPECIFICATION 02510. INSULATED SEAL WATER LINE TO BE SUPPORTED WITH SHOE STYLE SUPPORTS ON SLAB EVERY 6 FEET OR AT BENDS. ALONG WALL, SEAL WATER LINE TO BE SUPPORTED WITH ANGLE SUPPORTS EVERY 8 FEET AND WITHIN 6 INCHES OF BENDS. U–CLAMPS SHOULD BE UTILIZED TO HELP PROTECT PIPE FROM MOVEMENT ON ANGLE SUPPORTS.
10. EXISTING LEVEL TRANSDUCER AND FLOAT SWITCH.
11. RELOCATE LEVEL TRANSDUCER. SEE ELECTRICAL SHEETS FOR NEW LOCATION.
12. EXISTING ELECTRICAL PANEL RELOCATED, SEE ELECTRICAL SHEET FOR ADDITIONAL INFORMATION.

Addendum 2



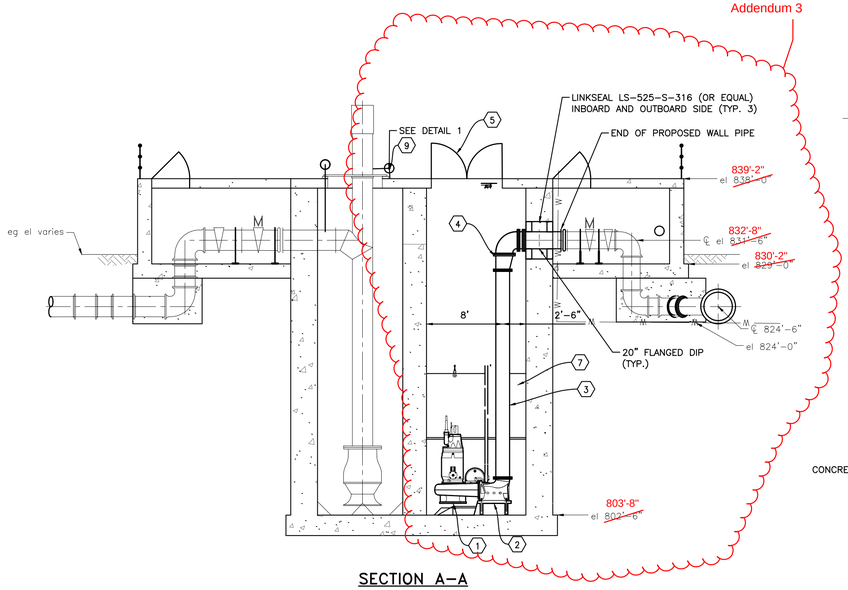




PIPE SUPPORT WALL MOUNT DETAIL

Addendum 2

Addendum 3



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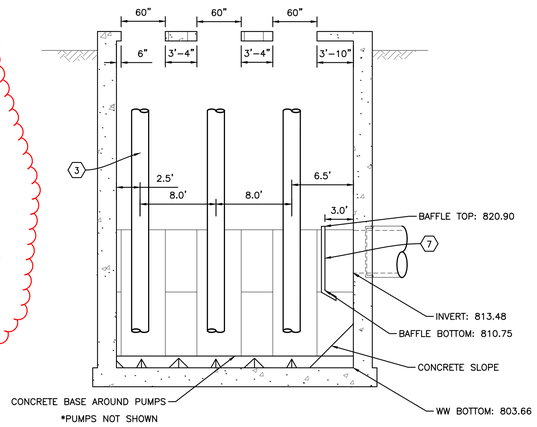

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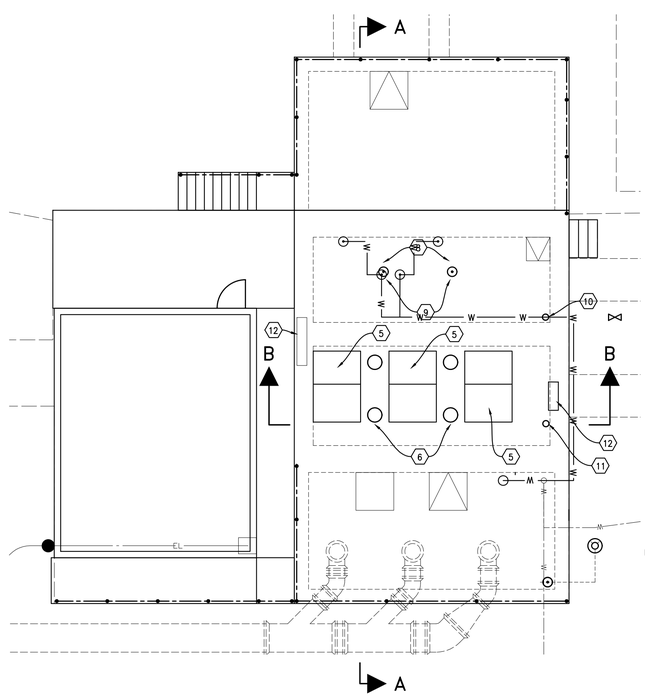
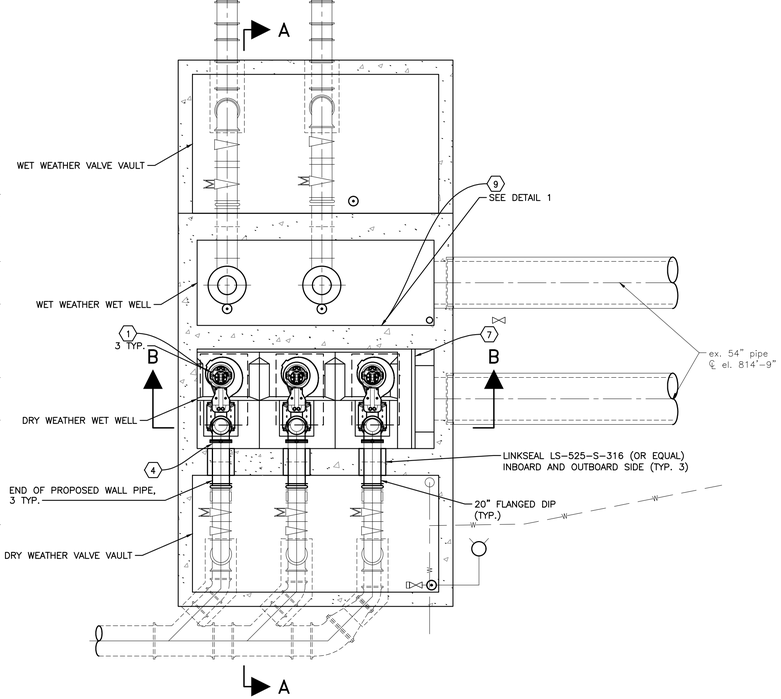




PLAN

DRY WEATHER PUMP STATION
SCALE: ⅜" = 1'–0"

P:\120046-Anderson-Water Pollution Control Facility-Rehab\06-WRD Division IV Project\2 - Drawings\Package 1\120046.Dewey.Pumps.dwg Tuesday, December 16, 2025 5:51:19 PM

egis

REVISIONS AND ISSUES	DATE	BY
4		

RENEE LYNN COPE
REGISTERED
No. 10403860
STATE OF INDIANA
PROFESSIONAL ENGINEER
DATE: 6/26/2025

CONSTRUCTION PLANS FOR:
DRY WEATHER PS AND FM REHAB
2801 Gene Gustin Way, Anderson, Madison, Indiana 46011 S 10, T 19 N, R 7 E

DEPARTMENT OF WATER POLLUTION CONTROL
2801 Gene Gustin Way

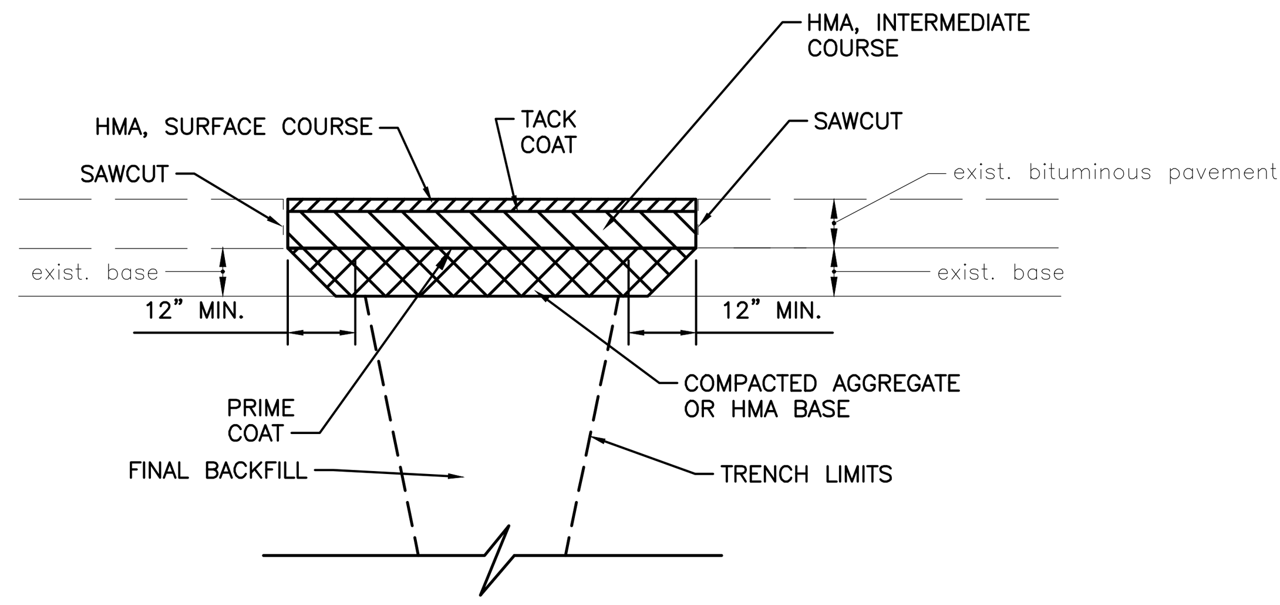
DRY WEATHER PUMPS PROPOSED

PLAN DATE: 12/1/2025

DESIGN:	CHECK:	DRAWN:
PRW	BAB	DCW

PROJECT NO. 120046

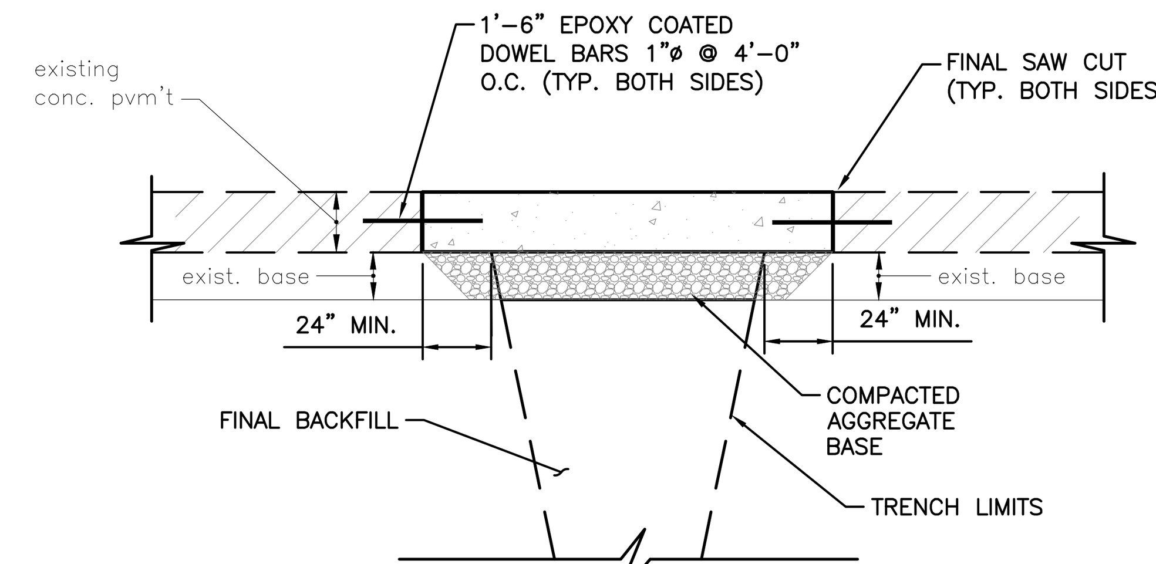
SHEET NO. C107



TYPE	BASE		INTERMEDIATE COURSE	SURFACE COURSE
	COMPACTED AGGREGATE	HMA		
SIDEWALK	4" OR	3"	1½"	1½"
RESIDENTIAL DRIVE	6" OR	4"	3"	1½"
LIGHT DUTY ROAD*	8" OR	6"	3"	1½"
INTERMEDIATE DUTY ROAD	8" OR	6"	4"	2"
HEAVY DUTY ROAD	6"		9"	1"

*ALL ALLEYS, COMMERCIAL DR. & PUBLIC ROADS SHALL BE CONSIDERED LIGHT–DUTY ROADS UNLESS INDICATED OTHERWISE

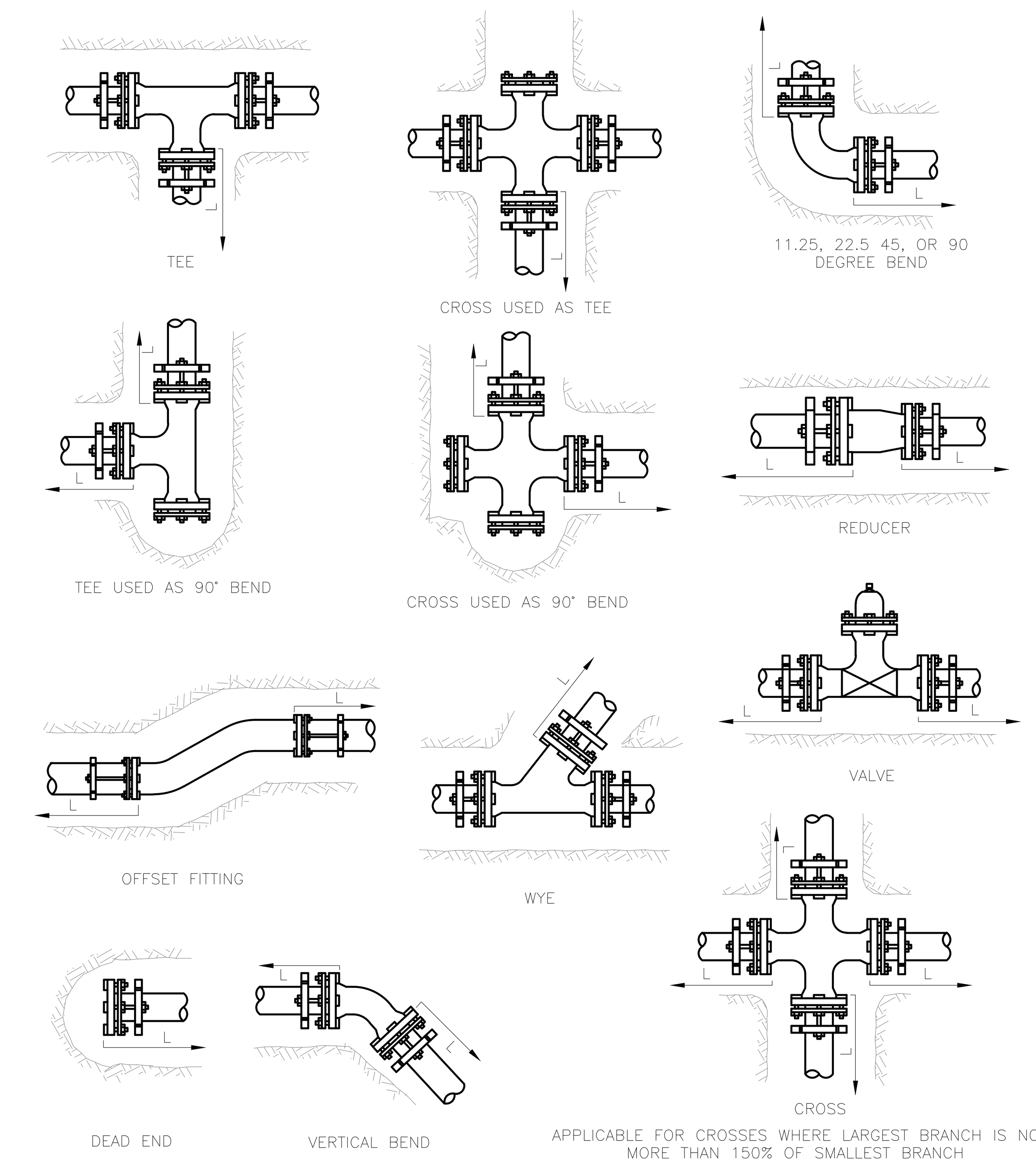
ASPHALT PAVEMENT REPAIR



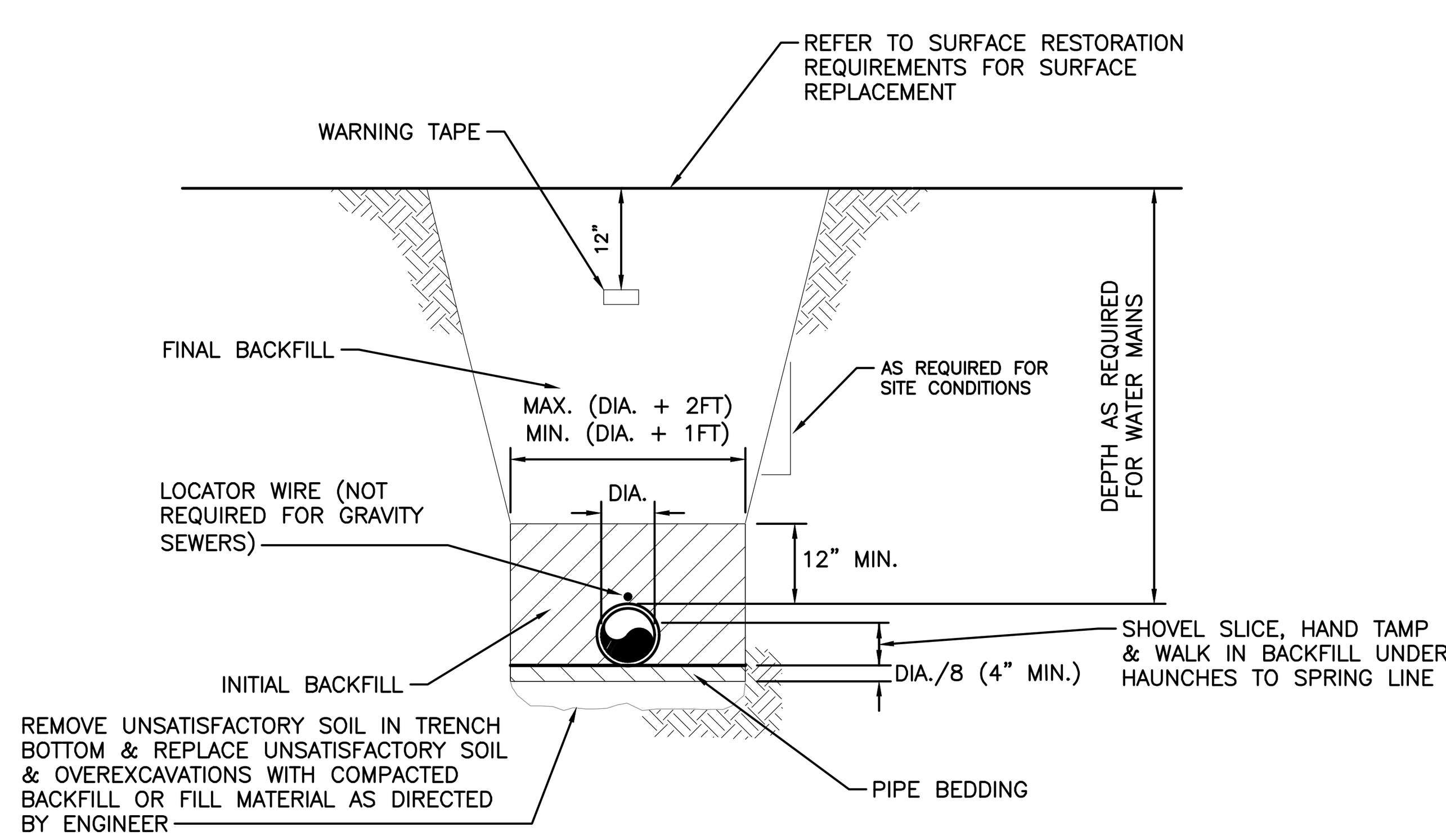
TYPE	COMPACTED AGGREGATE BASE	CONCRETE PAVEMENT
SIDEWALK*	4"	4"
RESIDENTIAL DRIVE*	6"	6"
ALLEY/COMMERCIAL DRIVE	6"	8"
ROAD	6"	9"

*DOWELS ARE NOT REQUIRED FOR SIDEWALKS AND RESIDENTIAL DRIVES

CONCRETE PAVEMENT REPAIR



PRESSURE PIPE JOINT RESTRAINT

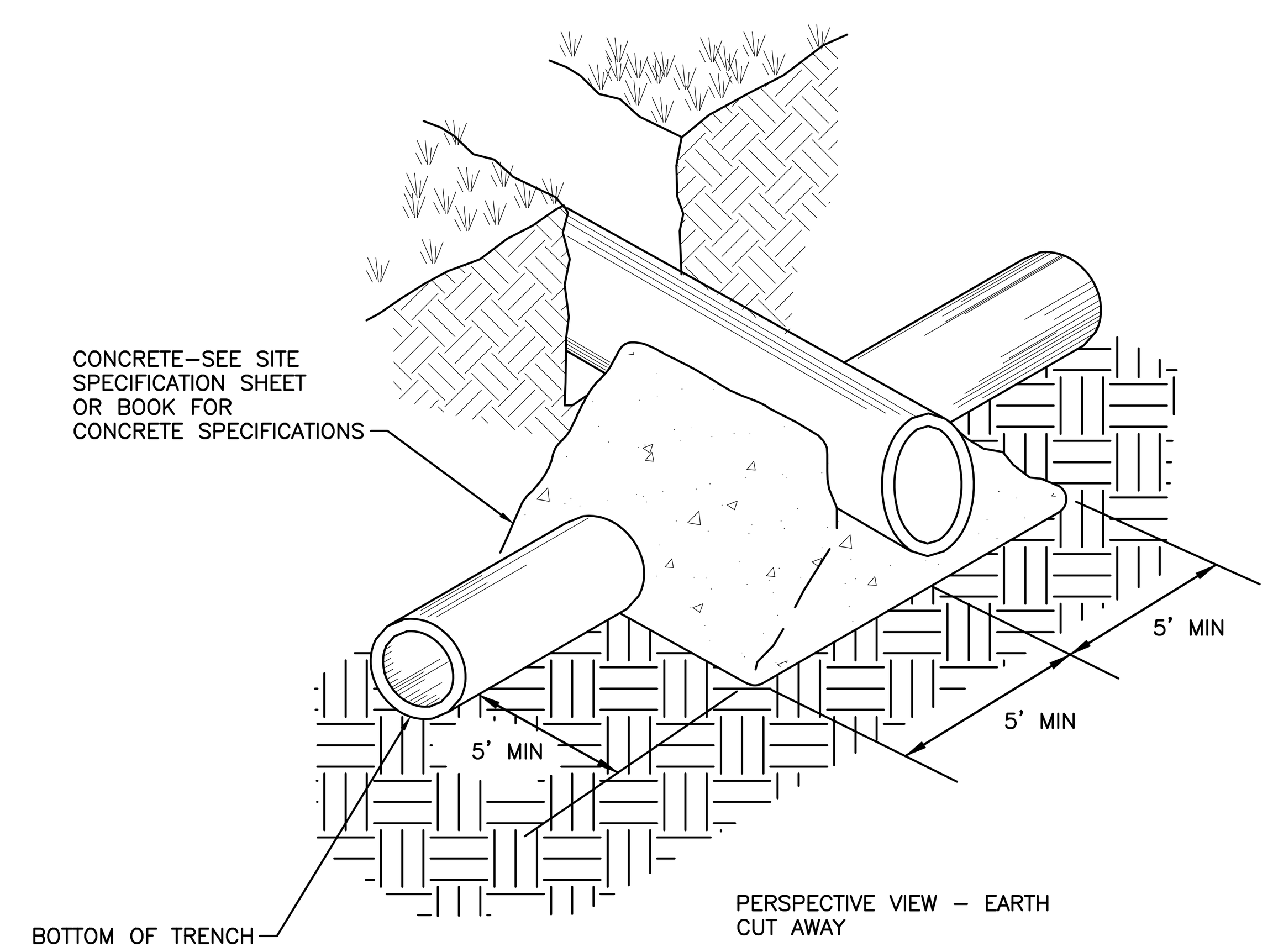


Addendum #3

PIPE TYPE	LOCATION	PIPE BEDDING	INITIAL BACKFILL***	FINAL BACKFILL
FLEXIBLE PIPE*	UNLESS OTHERWISE INDICATED	INDOT #8 OR #9 CRUSHED STONE	INDOT #8 OR #9 CRUSHED STONE	CLASS I, II, OR III MATERIAL
	UNDER OR WITHIN 5' OF ANY DRIVE OR ROADWAY	INDOT #8 OR #9 CRUSHED STONE	INDOT #8 OR #9 CRUSHED STONE	STRUCTURE BACKFILL
	UNDER SIDEWALKS OR PEDESTRIAN PATHS	INDOT #8 OR #9 CRUSHED STONE	INDOT #8 OR #9 CRUSHED STONE	CLASS I MATERIAL
	WHERE REQUIRED BY UTILITY OR RIGHT–OF–WAY OWNER	INDOT #8 OR #9 CRUSHED STONE	FLOWABLE BACKFILL	FLOWABLE BACKFILL
RIGID PIPE**	UNLESS OTHERWISE INDICATED	INDOT #8 OR #9 CRUSHED STONE OR STRUCTURE BACKFILL	SAND, GRAVEL, OR CRUSHED STONE	SATISFACTORY SOIL
	UNDER OR WITHIN 5' OF ANY DRIVE OR ROADWAY	INDOT #8 OR #9 CRUSHED STONE OR STRUCTURE BACKFILL	STRUCTURE BACKFILL	STRUCTURE BACKFILL
	UNDER SIDEWALKS OR PEDESTRIAN PATHS	INDOT #8 OR #9 CRUSHED STONE OR STRUCTURE BACKFILL	CLASS I MATERIAL	CLASS I MATERIAL
	WHERE REQUIRED BY UTILITY OR RIGHT–OF–WAY OWNER	INDOT #8 OR #9 CRUSHED STONE OR STRUCTURE BACKFILL	FLOWABLE BACKFILL	FLOWABLE BACKFILL

* FLEXIBLE PIPE INCLUDES PVC AND HDPE PIPE
** RIGID PIPE INCLUDES DI, CAST IRON, AND REINFORCED CONCRETE PIPE
*** INITIAL BACKFILL TO TOP OF RIGID PIPE

TRENCH DETAIL



PERSPECTIVE VIEW – EARTH CUT AWAY

CRADLE SHALL BEAR ON UNDISTURBED EARTH

NOTE:
TO BE USED WHEN CLEAR DISTANCE (FROM EXTERIOR PIPE DIAMETER TO EXTERIOR PIPE DIAMETER) BETWEEN SANITARY SEWER PIPING (MAINS, LATERALS, FORCE MAINS, ETC.) AND ALL OTHER PIPES ARE 18" OR LESS, PER INSPECTOR'S DIRECTION, OR WHERE NOTED ON THE DRAWINGS. A MINIMUM CLEAR DISTANCE OF 6" MUST BE PROVIDED TO MAINTAIN STRUCTURAL INTEGRITY OF THE CONCRETE.

CONCRETE CRADLE DETAIL

PRESSURE PIPE JOINT RESTRAINT TABLE

MINIMUM LENGTH (L) IN FEET OF STRAIGHT PIPE TO BE RESTRAINED

FITTING		3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
Dead–Ends*		16	19	28	36	45	53	61	70	78	87	104	129
Tees**		6	16	24	41	49	67	74	92	110	117	142	166
Reducers***		––	––	19	26	27	39	40	51	53	64	77	99
Bends, Wyes, and Offsets****													
Direction	Angle (Deg.)												
Horizontal	90	11	14	19	25	31	36	42	48	53	58	69	84
	45	5	6	8	10	13	15	17	20	22	24	29	35
	22.5	2	3	4	5	6	7	8	9	11	12	14	17
	11.25	1	1	2	2	3	4	4	5	5	6	7	8
Vertical	90	32	39	55	73	89	106	123	140	157	174	207	257
	45	13	16	23	30	37	44	51	58	65	72	86	107
	22.5	6	8	11	14	18	21	24	28	31	35	41	51
	11.25	3	4	5	7	9	10	12	14	15	17	20	25

(Column headers 3"–30": SIZE OF PIPE)

NOTES:
ACCEPTABLE JOINT RESTRAINTS ARE DEFINED IN THE APPLICABLE TECHNICAL SPECIFICATIONS
- * INCLUDES OTHER FITTINGS WITH A SINGLE CONNECTING PIPE
- ** INCLUDES OTHER FITTINGS WITH TWO OR THREE PIPES CONNECTING AT 90 DEGREE ANGLES. TEE SIZE INDICATES RUN SIZE. TEE RESTRAINT LENGTHS ARE APPLICABLE WHERE BRANCH SIZE IS EQUAL TO OR SMALLER THAN 150% OF RUN SIZE.
- *** REDUCER LENGTHS ARE APPLICABLE WHERE LARGER PIPE SIZE IS EQUAL TO OR SMALLER THAN 200% OF SMALLER PIPE SIZE
- ****INCLUDES OTHER FITTINGS WITH CONNECTIONS AT OTHER THAN 90 DEGREE ANGLES

WHERE ANOTHER FITTING IS LOCATED WITHIN LENGTH (L) OF A FITTING, RESTRAIN ENTIRE LENGTH BETWEEN FITTINGS. THE FOLLOWING CONDITIONS WERE USED TO CALCULATE THE RESTRAINT LENGTHS (L) BASED ON DIPRA RECOMMENDATIONS:

LAYING CONDITION: TYPE 5 TRENCH
SOIL: TYPE 2 CLAY
DEPTH: 4 FEET
DESIGN PRESSURE: 150 PSI
SAFETY FACTOR: 1.5
DI PIPE IS POLYWRAPPED

SUBMIT CALCULATIONS TO ENGINEER FOR REDUCED RESTRAINT LENGTHS DUE TO SITE CONDITIONS, OR FOR OTHER PIPE SIZES, ANGLES OR FITTINGS.

REVISIONS AND ISSUES | DATE | BY

RENEE LYNN GOFF
REGISTERED
No. 10403860
STATE OF INDIANA
PROFESSIONAL ENGINEER
DATE: 6/26/2025

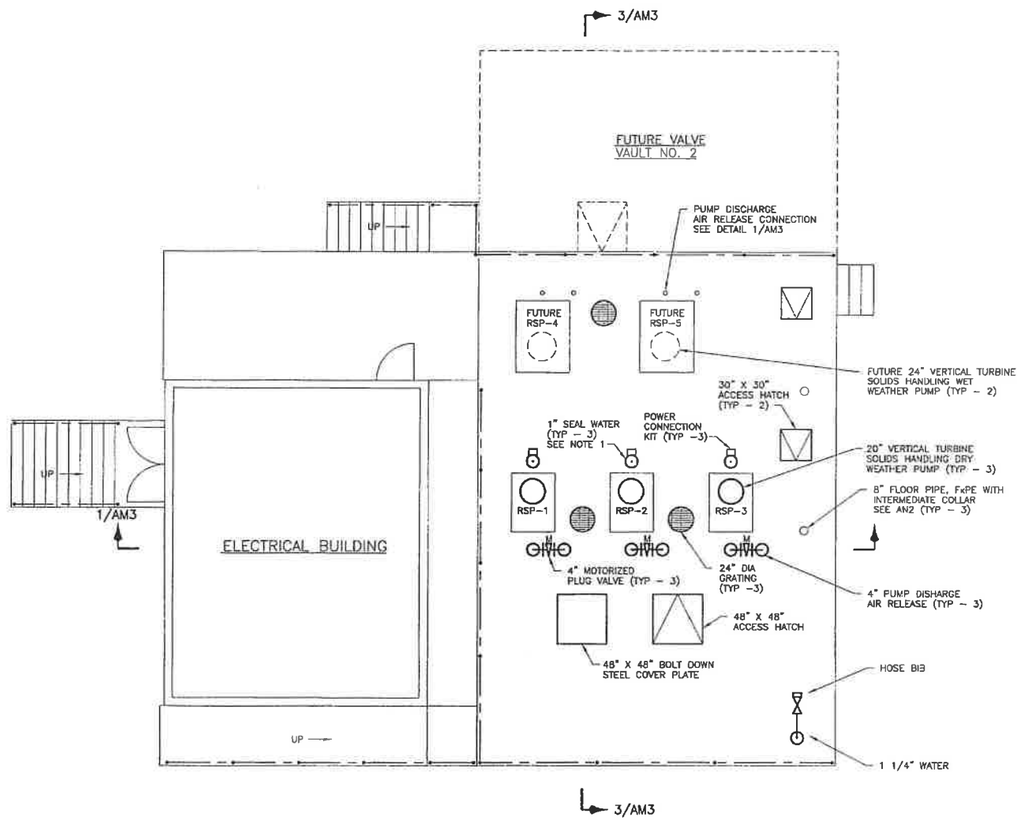
CONSTRUCTION PLANS FOR: DRY WEATHER PS AND FM REHAB

2801 Gene Gustin Way, Anderson, Madison, Indiana 46011 S 10, T 19 N, R 7 E

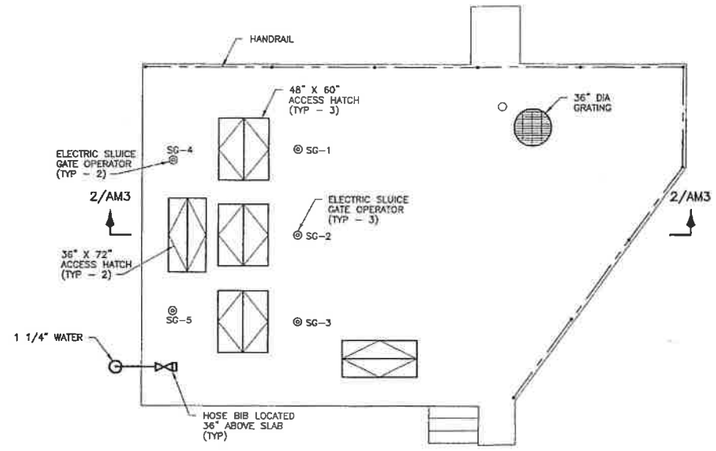
DEPARTMENT OF WATER POLLUTION CONTROL
2801 Gene Gustin Way

FORCEMAIN DETAILS

PLAN DATE: 12/1/2025
DESIGN: RLG | CHECK: BAB | DRAWN: DCW
PROJECT NO. 120046
SHEET NO. C300



LIFT STATION



SCREEN STRUCTURE

TOP PLAN
SCALE: 3/16"=1'-0"

NOTES:
1. 1" FIBERGLASS PIPE INSULATION WITH HEAT TRACING AND 316SST WEATHER-PROOF JACKETING (TYP). INSULATE AND HEAT TRACE SOLENOID VALVES AND FLOW SWITCHES (TYP).

GREELEY AND HANSEN
6640 INTECH BOULEVARD, SUITE 180
INDIANAPOLIS, INDIANA 46278

DESIGNED ALT
DRAWN MJR
CHECKED GED

APPROVED
SEAL AFFIXED
JULY 17, 2009

PAUL J. VOGT No. PE 10200267 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

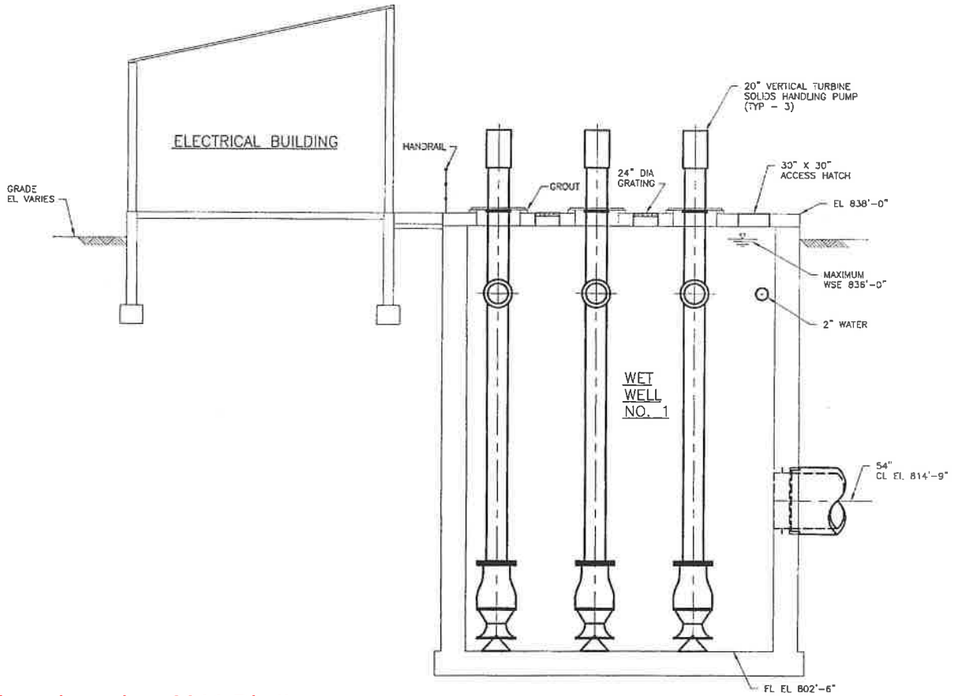
NO.	DATE	APPD	REVISION

SCALE
4 0 4 8 12 FT
3/16"=1'-0"

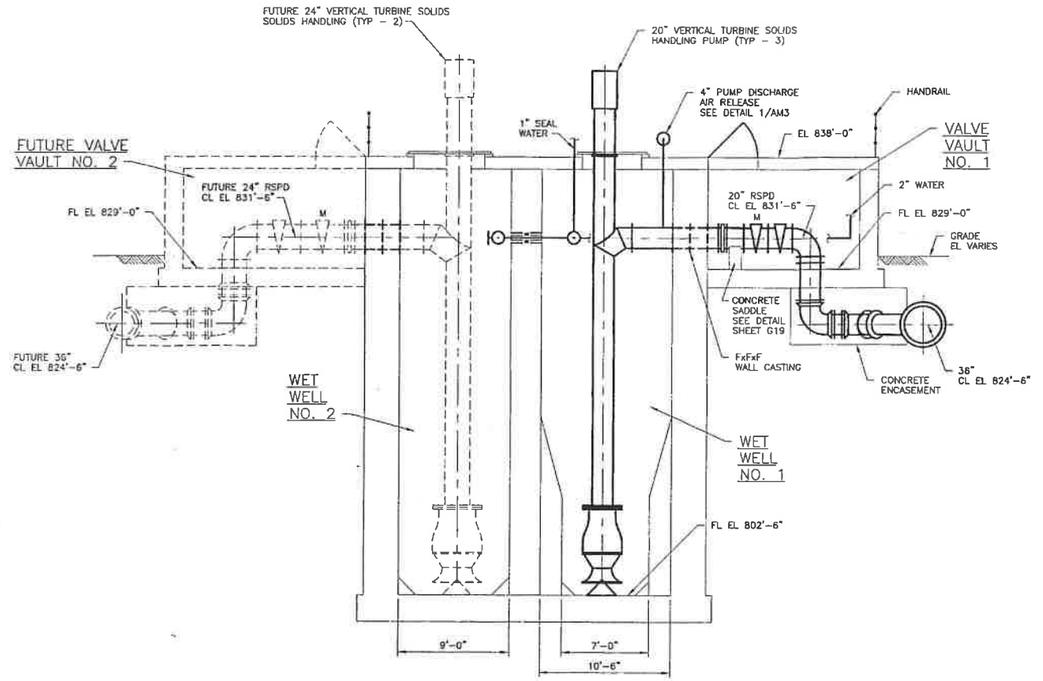
CITY OF ANDERSON, INDIANA
WATER POLLUTION CONTROL PLANT
FACILITY IMPROVEMENTS
DIVISION I

PIPING AND EQUIPMENT
LIFT STATION AND SCREEN STRUCTURE TOP PLAN

FILE NAME 0179BAM02.DWG
DWG AM2
SHEET 41 OF 126
DATE JULY 2009 REV 0

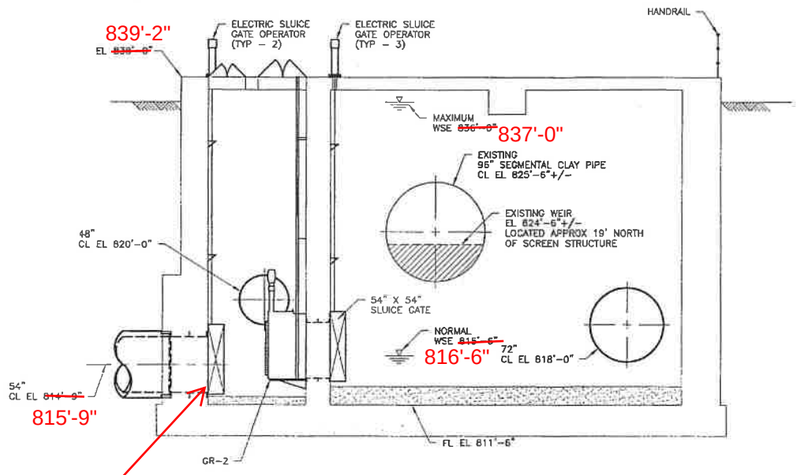


SECTION 1/AM2, AM3
SCALE: 3/16"=1'-0"



SECTION 3/AM2, AM3
SCALE: 3/16"=1'-0"

Markups based on 2011 Div II As-Built Drawings and Hydraulic Profile



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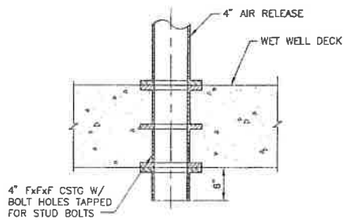
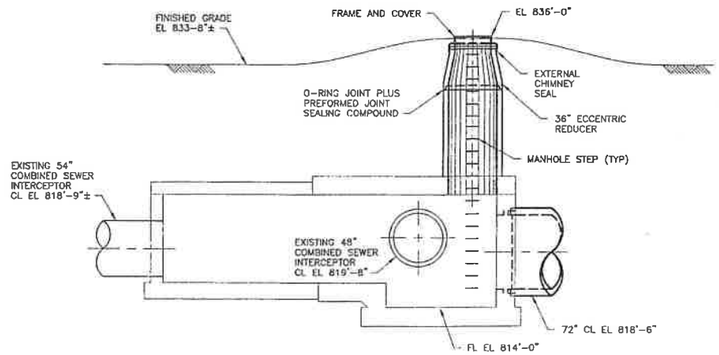


NOTES:
1. FOUR AIR RELEASE/DECK CONNECTIONS THUS BY THIS PROJECT PLUS FOUR ADD'L CONNECTIONS (4" FxFxF CSTCS W/ 6" LONG FxFE SPOOL AT UNDERSIDE OF DECK AND BLIND FLANGE AT T/CURB), FOR FUTURE AIR RELEASES.

DETAIL 1/AM3
NOT TO SCALE



SECTION 3/AM1
SCALE: 3/16"=1'-0"

FILE: J:\Projects\01798 Anderson SRF Program\21 CADD Files\21.70 Final Design\Division I\01798AM03 1:1 07/14/09 11:04 GH-H

GREELEY AND HANSEN
6640 INTECH BOULEVARD, SUITE 180
INDIANAPOLIS, INDIANA 46278

DESIGNED ALT
DRAWN MJR
CHECKED GED

APPROVED
SEAL AFFIXED
JULY 17, 2009

PAUL J. VOGEL REGISTERED No. PE 10200057 STATE OF INDIANA PROFESSIONAL ENGINEER

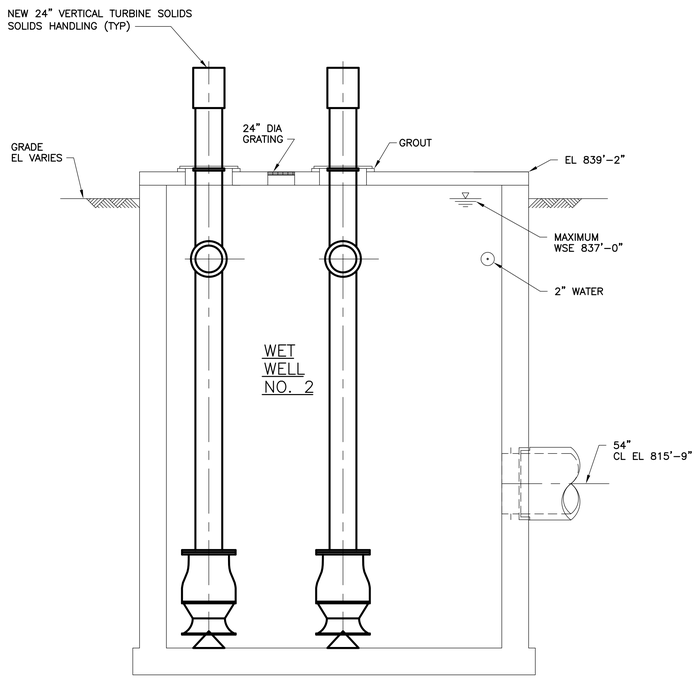
NO.	DATE	APPD	REVISION

SCALE
4 0 4 8 12 FT
3/16"=1'-0"

CITY OF ANDERSON, INDIANA
WATER POLLUTION CONTROL PLANT
FACILITY IMPROVEMENTS
DIVISION I

PIPING AND EQUIPMENT
LIFT STATION AND SCREEN STRUCTURE SECTIONS

FILE NAME 01798AM03.DWG
DWG AM3
SHEET 42 OF 126
DATE JULY 2009 REV 0



SECTION 1/FM1, FM2

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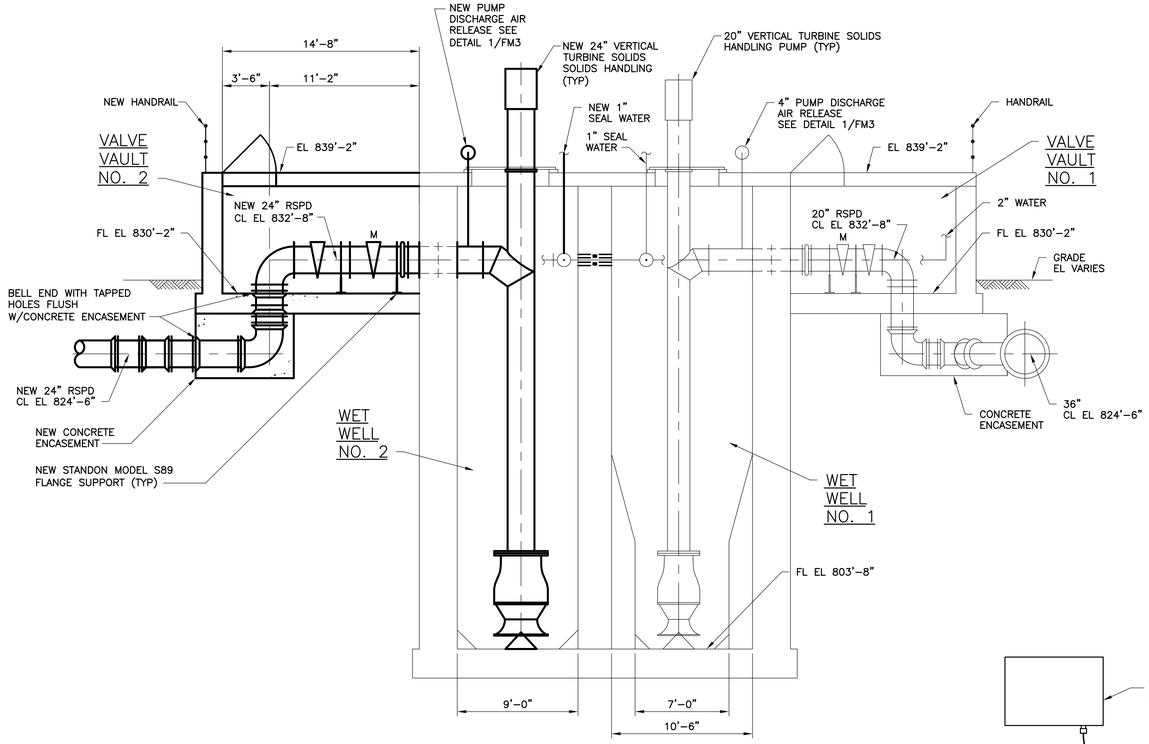

SECTION 3/FM1, FM2

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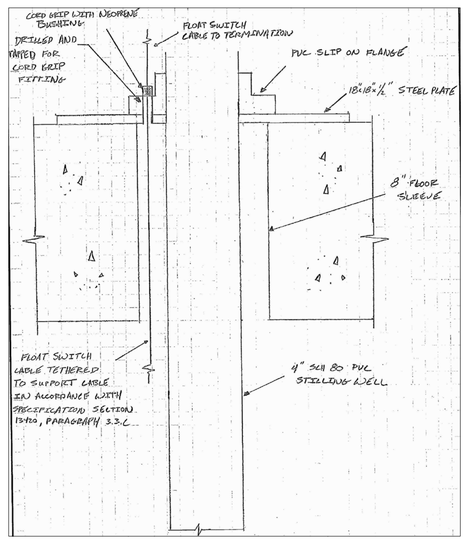
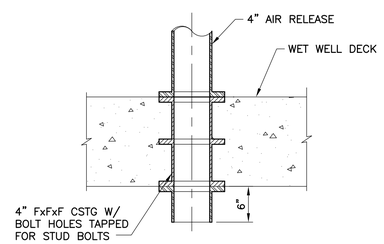


FLOAT SWITCH INSTALLATION DETAIL

SCALE: NOT TO SCALE

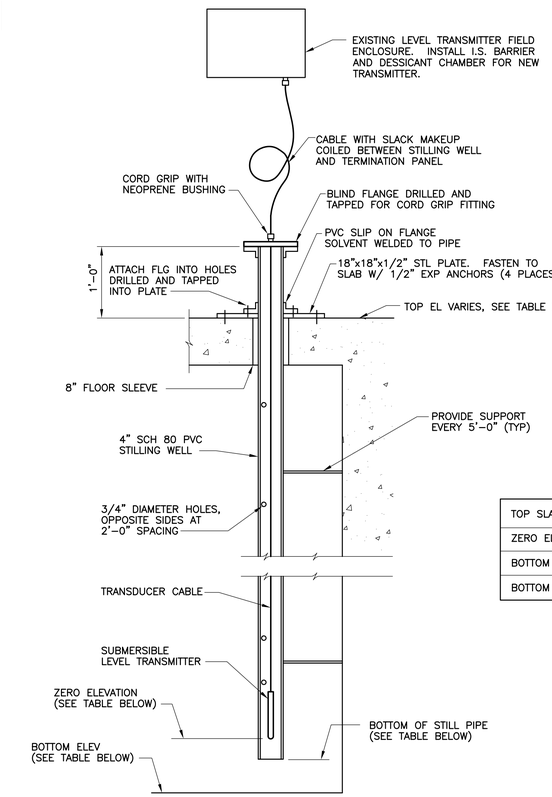


NOTES:

1. FOUR AIR RELEASE/DECK CONNECTIONS THUS BY THIS PROJECT PLUS FOUR ADD'L CONNECTIONS (4" FxFxF CSTGS W/ 6" LONG FxPE SPOOL AT UNDERSIDE OF DECK AND BLIND FLANGE AT T/CURB), FOR FUTURE AIR RELEASES.

DETAIL 1/FM3

NOT TO SCALE



TOP SLAB ELEVATION	839'-2"
ZERO ELEVATION	806'-2"
BOTTOM OF STILL PIPE	805'-8"
BOTTOM ELEVATION	803'-8"

SUBMERSIBLE LEVEL TRANSMITTER INSTALLATION DETAIL 2/FM3

SCALE: NOT TO SCALE

RECORD DRAWING

THIS RECORD IS NOT WARRANTED BUT IS BELIEVED TO REPRESENT CONDITIONS UPON COMPLETION OF CONSTRUCTION WITHIN REASONABLE TOLERANCES, BASED UPON THE INFORMATION FURNISHED TO THE ENGINEER PERTAINING TO CHANGES MADE DURING CONSTRUCTION.

GREELEY AND HANSEN
7820 Innovation Boulevard, Suite 150
INDIANAPOLIS, INDIANA 46278

DESIGNED KLC
DRAWN WAL
CHECKED GED

APPROVED

NO.	DATE	APPD	REVISION
2	12/2013	KLC	RECORD DRAWING REVISIONS

SCALE
4 0 4 8 12 FT
3/16"=1'-0"

CITY OF ANDERSON, INDIANA
WATER POLLUTION CONTROL PLANT
FACILITY IMPROVEMENTS
DIVISION II

PIPING AND EQUIPMENT
WET WEATHER LIFT STATION

SECTIONS AND DETAILS

FILE NAME 01798FFM03.DWG
DWG FM3
SHEET 142 OF 186
DATE SEPTEMBER 2011 REV 2

FILE: J:\Projects\01798F Anderson WPC Improvements — Div 2\21 CADD Files\21.110 Conformed Drawings\01798FFM03 1:1 01/31/12 11:09 GH-H