



January 14, 2026

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CONTRACT NO. 1815

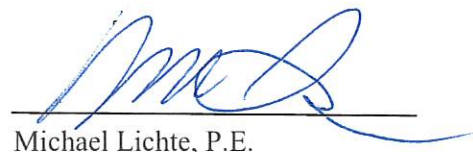
Miscellaneous Sewer Improvement 2025-2026

ADDENDUM NO. 3

All bidders bidding **Contract No. 1815** shall read and take note of this **Addendum No. 3**. The Contract Documents for **Contract No. 1815 – MISCELLANEOUS SEWER IMPROVEMENT 2025-2026** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1815; Addendum No. 3

The Acknowledgement attached to **Addendum No. 3** is to be signed and returned immediately via email to **Jacqueline Kresen** at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.



Michael Lichte, P.E.

Director - Regional Conveyance

ACKNOWLEDGEMENT OF
CONTRACT NO. 1815
MISCELLANEOUS SEWER IMPROVEMENT 2025-2026
ADDENDUM NUMBER 3

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

INDEX OF ATTACHMENTS

ATTACHMENT A: QUESTIONS & ANSWERS AFTER PRE-BID MEETING (1 page)

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ATTACHMENT A: QUESTIONS & ANSWERS AFTER PRE-BID MEETING (1
page)



CONTRACT 1815
MISCELLANEOUS SEWER IMPROVEMENT CONTRACT 2025-2026
QUESTIONS & RESPONSES

- 1.** The PennDot DM4 requirement noted in the specs affects the ultimate load and thereby leads to large sized micropiles. Please advise if this was the intended size for the micropiles.

Response: For micropile design purposes, lateral loads due to 500 psf construction surcharge and the lateral soil loads do not need to be considered concurrently. The designer shall consider the worst case of lateral load from construction surcharges and soil loads separately combined with other loads from appropriate loading (vertical dead, live and uplift loads). Also note allowable deflections are 0.5 inches at a single pile head and shall be calculated utilizing service level loads per specification 02466 Par 1.05 Art A.5. Notes will be added the micropile load schedules on Sheet 11 and 22 to clarify both of these points.

ATTACHMENT B: LEGAL NOTICE WITH NEW BID OPENING DATE (1 page)

ALLEGHENY COUNTY SANITARY AUTHORITY

LEGAL NOTICE

CONTRACT NO. 1815

SEWER IMPROVEMENT CONTRACT 2025 – 2026

Sealed Bids for **CONTRACT NO. 1815–SEWER IMPROVEMENT CONTRACT 2025 - 2026** shall be received at the Engineering Department office of the Allegheny County Sanitary Authority, 3300 Preble Avenue, Pittsburgh, PA, 15233, until **11:00 A.M.**, Prevailing Time, **Friday, January 23, 2026**, and then shall be Publicly Opened and read via **Microsoft Virtual Teams Meeting**. A **Pre-Bid Meeting** will be held via **Microsoft Virtual Teams Meeting** on **Tuesday, December 16, 2025**, at **10:00 A.M.**, Prevailing Time. An Invitation will be required to access this meeting. If interested in obtaining a Invitation to the Pre-Bid Meeting, contact **Judith Shropshire** via email at contract.clerks@alcosan.org .

ALCOSAN encourages businesses owned and operated by minorities and women to submit bids on Authority Contracts or to participate as subcontractors or suppliers to successful Bidders. Successful Bidders are to use minority and women's businesses to the fullest extent possible.

Contract Documents may be examined and obtained at the Engineering office of the Authority. A non-refundable fee of **One hundred dollars (\$100) (no cash or credit cards will be accepted)** will be charged for each set of Contract Documents received. Bid Security shall be furnished by providing with the Bid a Certified Check or Bid Bond in the amount of **10%** of the Bid Price. **Contract documents must be purchased directly from ALCOSAN to qualify as an eligible bidder.**

Any questions regarding the **Technical Specifications** should be directed to **Steven Bristol, Project Engineer II, ALCOSAN**, via email at steven.bristol@alcosan.org .

Any questions regarding the **Purchase of Contract Documents** should be directed to **Judith Shropshire, ALCOSAN**, via email at contract.clerks@alcosan.org.

The Authority reserves the right to reject any or all bids, to waive any informality in any bid and to accept any bid should it be deemed in the interest of the Authority to do so.

ALLEGHENY COUNTY SANITARY AUTHORITY



Michael Lichte P.E.

Director of Regional Conveyance

December 3, 2025

**ATTACHMENT C: REVISED ARTICLE 2 WITH NEW BID OPENING DATE of
January 23, 2026 and Updated Profile Number Info at Imperial (1 page)**

2.5 BYPASS PUMPING

The CONTRACTOR, at any time, may be required to bypass pump using pricing in Bid Item C.50, as directed to facilitate an inspection, repair or to mitigate a sewer overflow.

Bypass pumping (when applicable) - The contractor shall supply the pumps, conduits, and other equipment necessary to divert the flow of sewage around the pipe segment(s) and diversion chamber in which work is to be performed. The bypass system shall be of sufficient capacity to reduce the flows to acceptable levels. The contractor will be responsible for furnishing all necessary labor and supervision to set up and operate the bypassing system including provisions for traffic control, if required.

When flow in a sewer line is bypass pumped, sufficient precautions shall be taken by the contractor to protect the sewer lines from damage that might result from sewer surcharging. Further, precautions must be taken to ensure that sewer flow control operations do not cause flooding or damage to public or private property being served by the sewers involved. In no case shall bypass pumping of a line result in either a direct or indirect discharge from the sewer.

2.6 DEBRIS DISPOSAL

Grit, sludge, and other sewer debris from the work shall be disposed of at the following locations, or other locations approved by Owner:

- A. Republic Services (formerly Allied Waste), Route 980, 11 Boggs Road, Imperial PA 15126. Contact for the Imperial Landfill is Ms. Bernie Wilson at 724-695-4422. ALCOSAN's grit profile number is 5083263750.
- B. Waste Management Landfills. Contact is Scott Dellinger at 412-475-2808 or sdellinge@wm.com
 - 1. Monroeville Landfill, 600 Thomas Street, Monroeville PA 15146. ALCOSAN's sludge/grit profile number is 1.
 - 2. Arden Landfill, Arden Station Road, Washington PA 15301. ALCOSAN's sludge/grit profile number is 30.
 - 3. South Hills Landfill, 3100 Hill Road, Library, PA 15129. ALCOSAN's sludge/grit profile number is 5939.
 - 4. Valley Landfill, Pleasant Valley Road, Irwin, PA 15642. ALCOSAN's sludge/grit profile number is 6336.

Contractors are responsible to set up a separate account for billing, confirm landfill hours of operation, capacity limitations, and acceptance of materials to be disposed, as well as, obtain appropriate waste manifests for hauling with ALCOSAN specific profile numbers listed, as appropriate. It is the Contractor's responsibility to verify landfill sites will accept materials to be disposed, and all testing requirements have been met for disposal prior to hauling. ALCOSAN, or its designated agent, will

sign the contractor's waste manifests. The contractor will forward all paperwork related to disposal to ALCOSAN's designated representative.

2.7 SUBMISSION AND OPENING OF BIDS

Bids shall be submitted on the Bid Form which is attached hereto and shall state the proposed price of the Work (typewritten or in ink), both in words and in figures. Bids must be signed in ink. Bids that are not so priced and signed may be rejected.

The Bid must be submitted intact, sealed and delivered in the envelope which accompanied these Contract Documents, addressed to the Allegheny County Sanitary Authority, Director of Regional Conveyance, 3300 Preble Avenue, Pittsburgh, PA 15233. The Bidder's name and address shall be marked in the upper left-hand corner, and the words "**SEALED BID FOR CONTRACT NO. 1815 –SEWER IMPROVEMENT CONTRACT 2025 - 2026**" shall be clearly marked in the lower left-hand corner of the sealed envelope. Hand delivered Bids shall be delivered to the Contract Clerks at the Owner's Engineering Department. The envelope shall also bear notation to clearly indicate all Addenda received by its identifying numbers and dates received. It is the responsibility of each Bidder to make sure that its Bid is received by the Owner prior to the date and time set for opening of the Bids. Upon Bidder's failure to comply with the foregoing, the Owner may treat the Bid as "nonresponsive" and return it to the Bidder unopened. Bids will be received at the office of the Owner until **11:00 A.M.** prevailing time, on **Friday, January 23, 2026**, at which time and place said Bids will be opened publicly and read aloud.

Bids must be firm. **If a Bid is submitted with conditions or exceptions or not in conformance with the terms and conditions of the Contract Documents, it may be rejected.** The Bid may also be rejected if the product or Work offered by the Bidder is determined by the Owner not to be in substantial conformance with the Contract Documents including the Specifications.

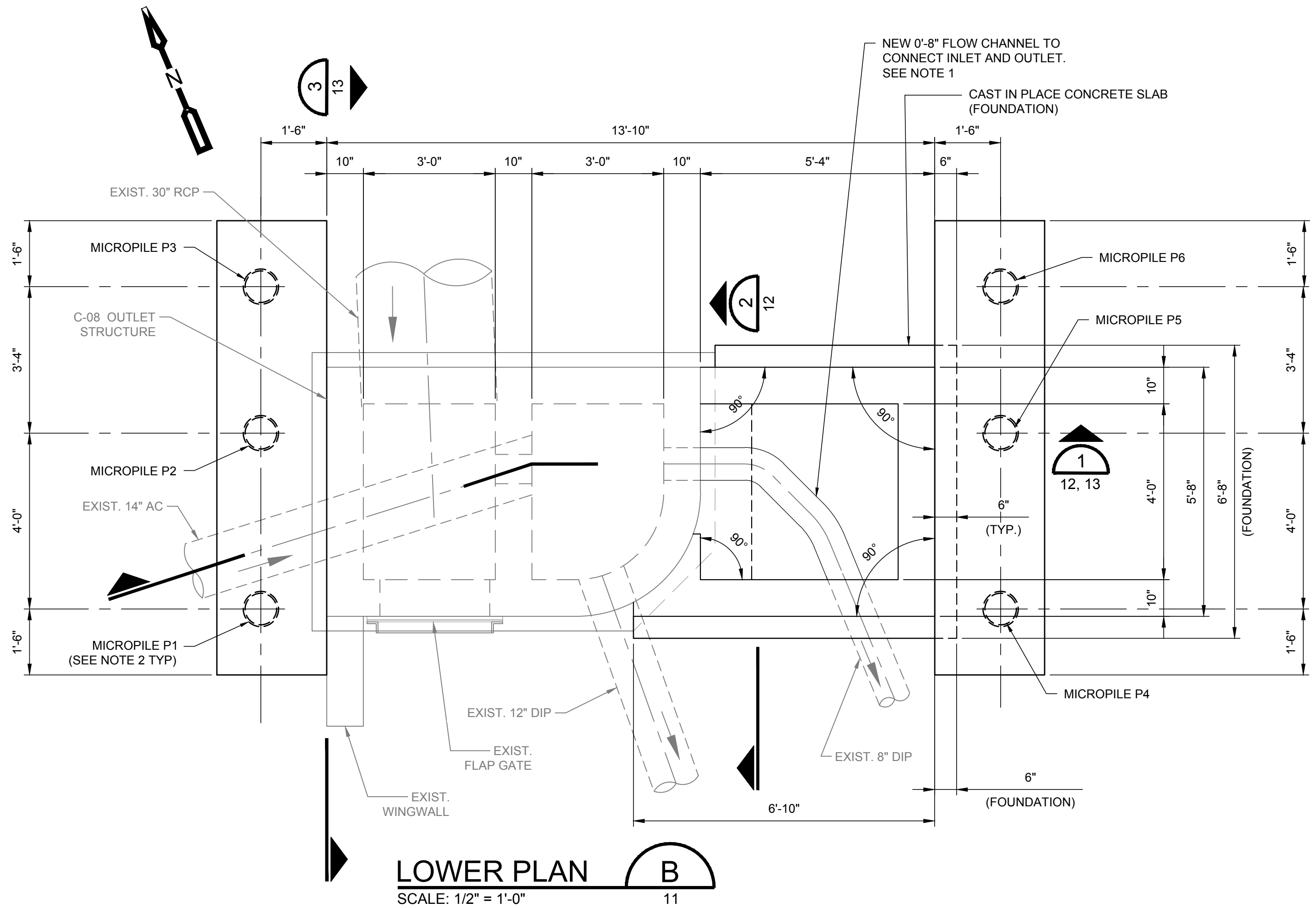
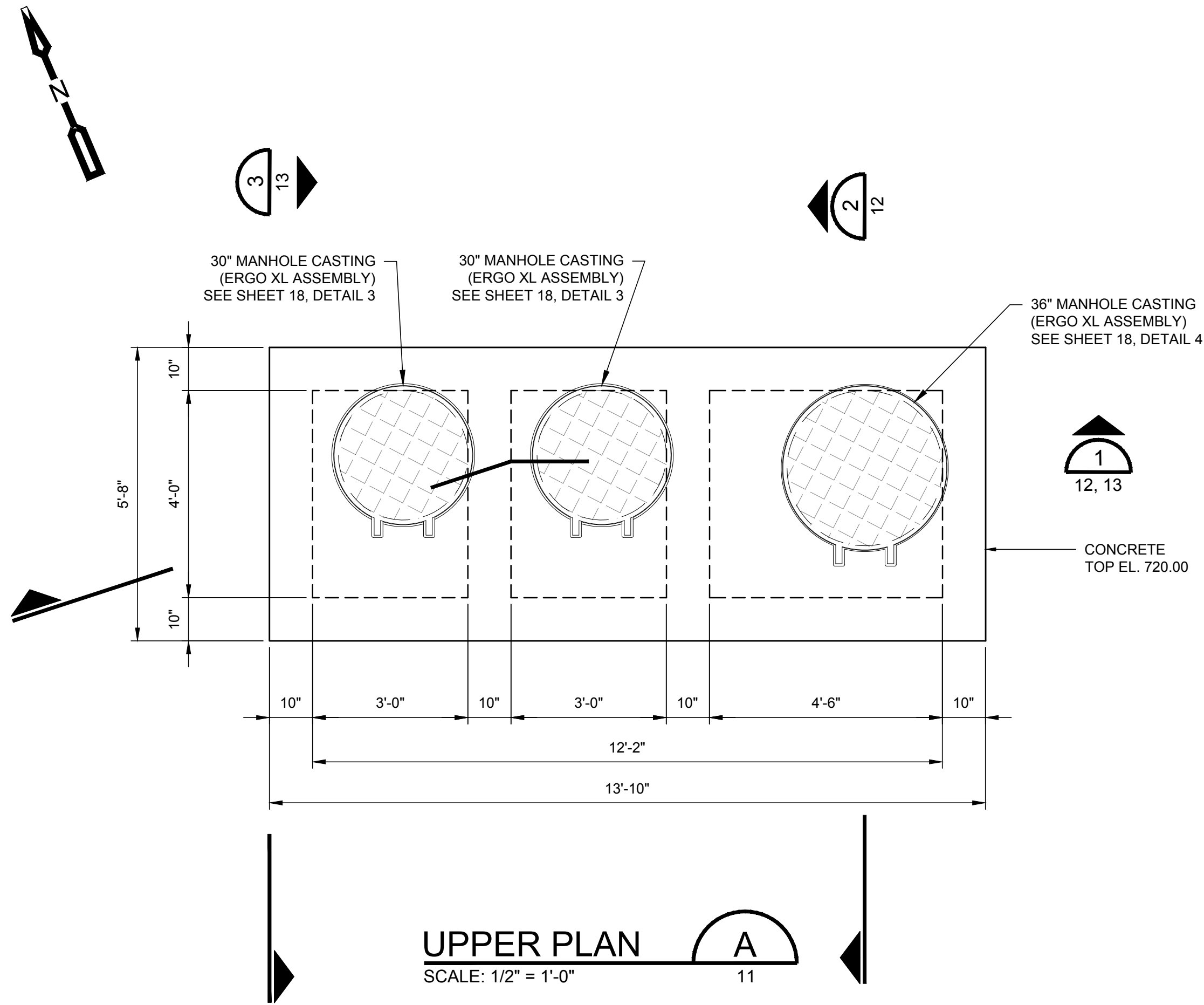
Bidder shall not detach and submit Bid pages separately but shall submit their Bids bound with the complete volume of Contract Documents, including all pages correctly assembled.

The Bid should be properly executed and accompanied by all Bonds, Certificates, Questionnaire Forms and other supporting information and documents, as described in the Bid Form.

2.8 SUPPLEMENTARY INFORMATION PACKAGE

- A. After the Bid opening, upon request of the Owner, the Apparent Low Bidder shall be required to submit, prior to the award of the contract, quadruplicate copies of a Supplementary Information Package as described in this Section. The request shall be made solely for the purposes of the Owner's evaluation and review of all proposed materials, equipment, and

ATTACHMENT D: DRAWING SET WITH UPDATED DETAILS ON SHEETS 11 &
12 (2 pages)



C-08 MICROPILE SERVICE LOAD SCHEDULE				
PILE NO.	LOAD TYPE	VERTICAL DOWNWARD (KIPS)	VERTICAL UPLIFT (KIPS)	LATERAL (KIPS)
P1 & P4	D	27	0	0
	L	6.5	0	3.5
	E	71	0	11.3
	F	9 (FULL)	0	0
	B	0 (EMPTY)	25	0
P2 & P5	D	27	0	0
	L	6.5	0	3.5
	E	71	0	11.3
	F	9 (FULL)	0	0
	B	0 (EMPTY)	25	0
P3 & P6	D	27	0	0
	L	6.5	0	3.5
	E	71	49	11.3
	F	9 (FULL)	0	0
	B	0 (EMPTY)	25	0

D=DEADLOAD
L=LIVELoad
E=EARTH PRESSURE
F=FLUID LOADS
B=BOUANT FORCES

C-08 MICROPILE LOAD SCHEDULE NOTES:

- ALL LOADS ARE UNFACTORED. APPLICABLE LOAD COMBINATIONS IN ACCORDANCE AASHTO LRFD BRIDGE SPECIFICATION AND PENNDOT DESIGN MANUAL PART 4 (DM-4) SHALL BE UTILIZED TO CALCULATE ULTIMATE DEMAND ON PILES.
- A CONSTRUCTION SURCHARGE OF 500 POUNDS PER SQUARE FOOT WAS INCLUDED WITH LIVE LOADING. IF CONSTRUCTION ACTIVITIES WILL GENERATE A LARGER SURCHARGE, THE GREATER ACTUAL LOADING SHALL BE CONSIDERED IN THE DESIGN OF THE PILES.
- VERTICAL LOADS DUE TO CONTENTS OF DIVERSION STRUCTURE, THE MICROPILES SHALL BE ANALYZED FOR THE MOST CRITICAL CASE ASSUMING THE STRUCTURE IS FULL OR EMPTY.
- PASSIVE PRESSURE FOR STRUCTURE EMBEDMENT NEGLECTED THE UPPER 2 FEET OF SOIL ON CREEK SIDE. GROUNDWATER SHALL BE ASSUMED TO BE AT TOP OF PROPOSED GRADE ON THE NORTH FACE OF THE STRUCTURE.
- DESIGN LOADS IN THE LOAD TABLE ARE BASED ON IN-SERVICE CONDITION OF THE STRUCTURE AFTER INSTALLATION OF ALL PILES. CONTRACTOR IS RESPONSIBLE TO INCLUDE ANY ADDITIONAL LOADING DUE TO CONSTRUCTION MEANS AND METHODS, AND ACCOUNT FOR CONDITIONS THAT MAY CREATE UNBALANCED OR LOADING GREATER THAN THAT OUTLINED ABOVE.
- B = LOADS DUE TO THE 100-YR FLOOD. (WSEL = 730.00).
- IT SHALL BE ASSUMED THAT LATERAL LOADING DUE TO CONSTRUCTION SURCHARGE LOADING (L) AND IN-SITU SOIL PRESSURE WILL NOT OCCUR SIMULTANEOUSLY. ACCORDINGLY, THE CONTRACTOR SHALL CONSIDER THE GREATER OF TWO LATERAL LOAD CONDITIONS TO PRODUCE THE WORST-CASE LATERAL DEFLECTION AND AXIAL/BENDING INTERACTION ON THE PILES DURING DESIGN USING THE APPROPRIATE LOAD COMBINATIONS.
- ALLOWABLE DEFLECTIONS ARE 0.5 INCH AT SINGLE PILE HEAD AND SHALL BE CALCULATED UTILIZING SERVICE LEVEL LOADING.

NOTES:

- EXISTING 8" DIP SHALL BE REMOVED INSIDE THE NEW CHAMBER. CONTRACTOR SHALL FORM A SMOOTH FLOW CHANNEL TO NOT OBSTRUCT FLOW WHEN COMPLETE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE MICROPILE FOUNDATION ELEMENTS AS DEPICTED IN THESE DOCUMENTS. SERVICE DESIGN LOADING FOR EACH MICROPILE ELEMENT IS DESIGNATED IN THE SERVICE LOAD SCHEDULE ON THIS SHEET. THE DESIGN SHALL BE PERFORMED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA. THE DESIGN SHALL CONFORM WITH AASHTO LRFD BRIDGE SPECIFICATIONS, PENNDOT DESIGN MANUAL PART 4 (DM-4), AND THESE PROJECT DOCUMENTS AND SPECIFICATIONS.



1815_C08_PLN_03.DWG

Designed by:	REVISION			
	REV No.	DATE	DESCRIPTION	APPV
C. LAMPARK	1	11/10/25	ISSUED FOR BID	CLL
Drawn by:	2	01/14/26	ISSUED FOR ADDENDUM 3	CLL
R. KNOUSE				
Checked by:				
C. LAMPARK				

HATCH



ARLETTA SCOTT WILLIAMS
EXECUTIVE DIRECTOR, ALCOSAN

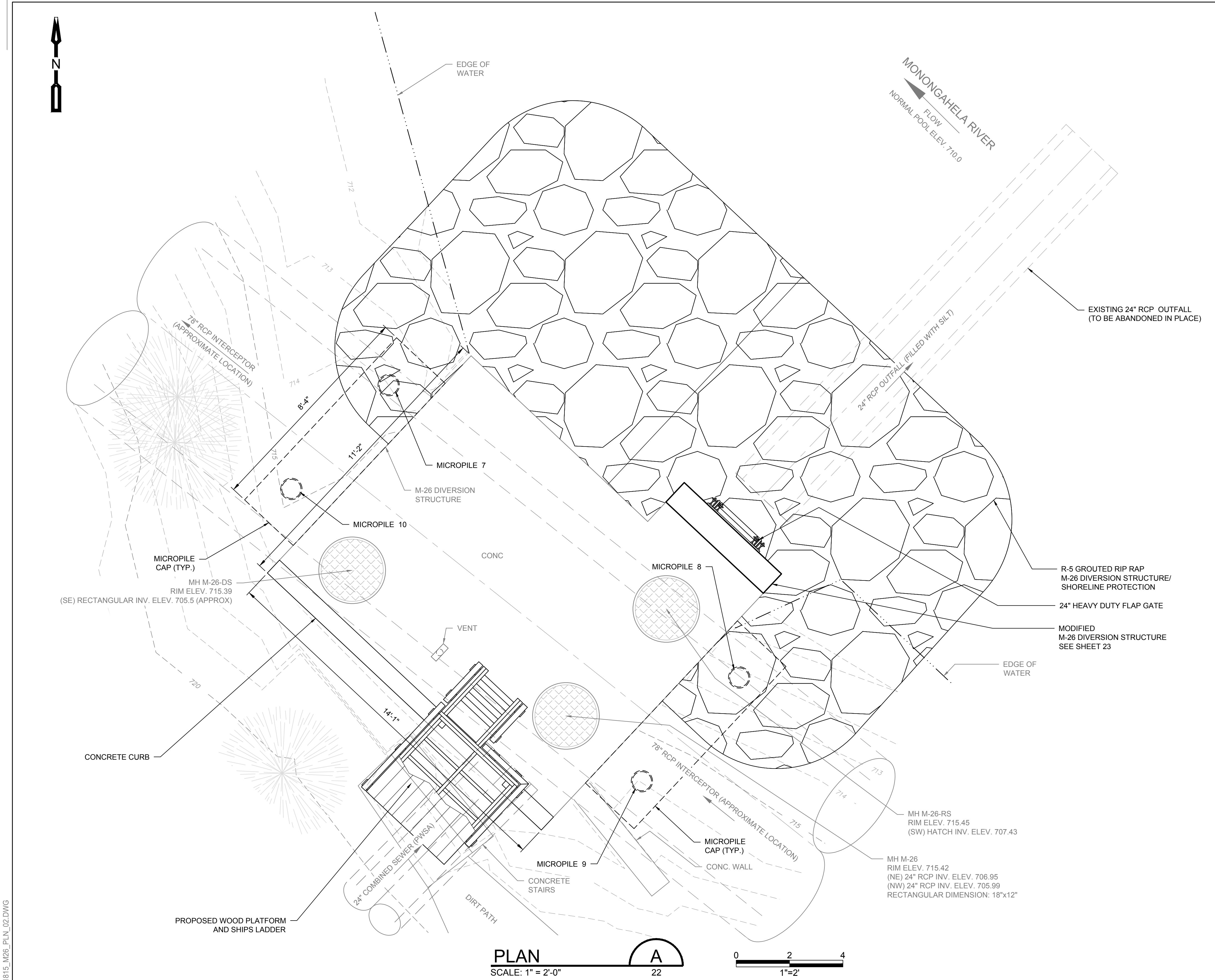
3300 PREBLE AVE.
PITTSBURGH, PA 15233
(412) 766 - 4810

www.alcosan.org

ALLEGHENY COUNTY SANITARY AUTHORITY
REGIONAL CONVEYANCE SYSTEM
SEWER IMPROVEMENT CONTRACT 2025 - 2026

1815_C08_PLN_03
C-08 STRUCTURE
PROPOSED UPPER AND LOWER PLAN

Contract:	1815
CAD File Name:	1815_C08_PLN_03.DWG
Date:	11/10/2025
Sheet:	11 of 33



M-26 MICROPILE SERVICE LOAD SCHEDULE				
PILE NO.	LOAD TYPE	VERTICAL DOWNWARD (KIPS)	VERTICAL UPLIFT (KIPS)	LATERAL (KIPS)
P7 & P8	D	58	0	0
	L	45.5 (SEE NOTE 2)	0	11.5 (SEE NOTE 2,6)
	E	23.2	0	16
	F (SEE NOTE 3)	12.5 (FULL) 0 (EMPTY)	0	0
	B	0	75	0
P9 & P10	D	58	0	0
	L	0 (SEE NOTE 2)	2.55	11.5 (SEE NOTE 2,6)
	E	0	23.2	16
	F (SEE NOTE 3)	12.5 (FULL) 0 (EMPTY)	0	0
	B	0	75	0
D=DEADLOAD L=LIVELOAD E=EARTH PRESSURE F=FLUID LOADS B=BOUYANT FORCES (FLOOD STAGE)				

M-26 MICROPILE LOAD SCHEDULE NOTES:

- ALL LOADS ARE UNFACTORED. APPLICABLE LOAD COMBINATIONS IN ACCORDANCE AASHTO LRFD BRIDGE SPECIFICATION AND PENNDOT DESIGN MANUAL PART 4 (DM-4) SHALL BE UTILIZED TO CALCULATE ULTIMATE DEMAND ON PILES.
- A CONSTRUCTION SURCHARGE OF 500 POUNDS PER SQUARE FOOT WAS INCLUDED WITH LIVE LOADING. IF CONSTRUCTION ACTIVITIES WILL GENERATE A LARGER SURCHARGE, THE GREATER ACTUAL LOADING SHALL BE CONSIDERED IN THE DESIGN OF THE PILES.
- VERTICAL LOADS DUE TO CONTENTS OF DIVERSION STRUCTURE. THE MICROPILES SHALL BE ANALYZED FOR THE MOST CRITICAL CASE ASSUMING THE STRUCTURE IS FULL OR EMPTY.
- DESIGN LOADS IN THE LOAD TABLE ARE BASED ON IN-SERVICE CONDITION OF THE STRUCTURE. AFTER INSTALLATION OF ALL PILES, CONTRACTOR IS RESPONSIBLE TO INCLUDE ANY ADDITIONAL LOADING DUE TO CONSTRUCTION MEANS AND METHODS, AND ACCOUNT FOR CONDITIONS THAT MAY CREATE UNBALANCED OR LOADING GREATER THAN THAT OUTLINED ABOVE.
- B = LOADS DUE TO THE 100-YR FLOOD. (WSEL = 733.00) - FORCE IN TABLE DOES NOT SUBTRACT DEAD LOAD FROM UPLIFT FORCES.
- IT SHALL BE ASSUMED THAT LATERAL LOADING DUE TO CONSTRUCTION SURCHARGE LOADING (L) AND IN-SITU SOIL PRESSURE WILL NOT OCCUR SIMULTANEOUSLY. ACCORDINGLY, THE CONTRACTOR SHALL CONSIDER THE GREATER OF TWO LATERAL LOAD CONDITIONS TO PRODUCE THE WORST-CASE LATERAL DEFLECTION AND AXIAL/BENDING INTERACTION ON THE PILES DURING DESIGN USING THE APPROPRIATE LOAD COMBINATIONS.
- ALLOWABLE DEFLECTIONS ARE 0.5 INCH AT SINGLE PILE HEAD AND SHALL BE CALCULATED UTILIZING SERVICE LEVEL LOADING.

NOTE:

- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE MICROPILE FOUNDATION ELEMENTS AS DEPICTED IN THESE DOCUMENTS. SERVICE DESIGN LOADING FOR EACH MICROPILE ELEMENT IS DESIGNATED IN THE SERVICE LOAD SCHEDULE ON THIS SHEET. THE DESIGN SHALL BE PERFORMED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA. THE DESIGN SHALL CONFORM WITH AASHTO LRFD BRIDGE SPECIFICATIONS, PENNDOT DESIGN MANUAL PART 4 (DM-4), AND THESE PROJECT DOCUMENTS AND SPECIFICATIONS.

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Designed by: C. DUMM	REVISION					 alleggheny county sanitary authority	ARLETTA SCOTT WILLIAMS EXECUTIVE DIRECTOR, ALCOSAN		ALLEGHENY COUNTY SANITARY AUTHORITY REGIONAL CONVEYANCE SYSTEM SEWER IMPROVEMENT CONTRACT 2025 - 2026		Contract: 1815
Drawn by: R. KNOUSE	REV No.	DATE	DESCRIPTION	APPV			3300 PREBLE AVE. PITTSBURGH, PA 15233 (412) 766 - 4810		CAD File Name: 1815_M26_PLN_02.DWG		
Checked by: C. LAMPARK		11/10/25	ISSUED FOR BID	CLL			1815_M26_PLN_02 M-26 SEWER IMPROVEMENT PROPOSED SITE PLAN		Date: 11/10/2025		
		01/14/26	ISSUED FOR ADDENDUM 3	CLL					Sheet: 22 of 33		