



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

November 13, 2024

**Addendum No. 1**

RE: Contract # C204949

WBS # 50218.3.1

STATE FUNDED

**Moore County (R-5726)**

NC-211 FROM NC-73 TO WEST OF SR-1241 (HOLLY GROVE SCHOOL RD).

**November 19, 2024 Letting**

To Whom It May Concern:

Reference is made to the proposal and plans furnished to you on this project.

The following revisions have been made to the Roadway Plans.

Sheet No.	Revision
2D-2	Note added: "Trash Rack is incidental to the Drainage Structure"
2D-3	Note added: "Trash Rack is incidental to the Drainage Structure"

Please void the above listed Sheets in your Plans and staple the revised Sheets thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 11-13-2024".
Table of Contents	Updated to reflect new provision below.
G-47	The Project Special Provision <b>NOTE TO CONTRACTOR</b> has been added.

Please void the above listed existing Pages in your proposal and staple the revised Pages thereto.

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1591 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900  
Fax: (919) 250-4127  
Customer Service: 1-877-368-4968

Location:  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

Website: [www.ncdot.gov](http://www.ncdot.gov)

The contract will be prepared accordingly.

Sincerely,

Signed by:  
  
52C46046381F443...

Ronald E. Davenport, Jr., PE  
State Contract Officer

RED/cms  
Attachments

cc: Mr. Wiley W. Jones III, PE  
Mr. Reuben Blakley, PE  
Mr. Ken Kennedy, PE  
Mr. Malcolm Bell

Mr. Forrest Dungan, PE  
Ms. Jaci Kincaid  
Mr. Jon Weathersbee, PE  
Project File (2)

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH, N.C.

PROPOSAL

**INCLUDES ADDENDUM No. 1 DATED 11-13-2024**

DATE AND TIME OF BID OPENING: **Nov 19, 2024 AT 02:00 PM**

CONTRACT ID C204949  
WBS 50218.3.1

FEDERAL-AID NO. STATE FUNDED  
COUNTY MOORE  
T.I.P NO. R-5726  
MILES 4.806  
ROUTE NO. NC-211  
LOCATION NC-211 FROM NC-73 TO WEST OF SR-1241 (HOLLY GROVE SCHOOL RD).

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND WALLS.

**NOTICE:**

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

**BIDS WILL BE RECEIVED AS SHOWN BELOW:**

**THIS IS A ROADWAY & STRUCTURE PROPOSAL**

**5% BID BOND OR BID DEPOSIT REQUIRED**

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represents natural background conditions. Downstream sampling location shall be located at the point where complete mixing of the discharge and receiving water has occurred.

The discharge shall be closely monitored when water from the dewatering activities is introduced into jurisdictional wetlands. Any time visible sedimentation (deposition of sediment) on the wetland surface is observed, the dewatering activity will be suspended until turbidity levels in the stilling basin can be reduced to a level where sediment deposition does not occur. Staining of wetland surfaces from suspended clay particles, occurring after evaporation or infiltration, does not constitute sedimentation. No activities shall occur in wetlands that adversely affect the functioning of a wetland. Visible sedimentation will be considered an indication of possible adverse impacts on wetland use.

The Engineer will perform independent turbidity tests on a random basis. These results will be maintained in a log within the project records. Records will include, at a minimum, turbidity test results, time, date and name of sampler. Should the Department's test results exceed those of the Contractor's test results, an immediate test shall be performed jointly with the results superseding the previous test results of both the Department and the Contractor.

The Contractor shall use the *NCDOT Turbidity Reduction Options for Borrow Pits Matrix*, available at <https://connect.ncdot.gov/resources/roadside/FieldOperationsDocuments/TurbidityReductionOptionSheet.pdf> to plan, design, construct, and maintain BMPs to address water quality standards. Tier I Methods include stilling basins which are standard compensatory BMPs. Other Tier I methods are noncompensatory and shall be used when needed to meet the stream turbidity standards. Tier II Methods are also noncompensatory and are options that may be needed for protection of rare or unique resources or where special environmental conditions exist at the site which have led to additional requirements being placed in the DWQ's 401 Certifications and approval letters, Isolated Wetland Permits, Riparian Buffer Authorization or a DOT Reclamation Plan's Environmental Assessment for the specific site. Should the Contractor exhaust all Tier I Methods on a site exclusive of rare or unique resources or special environmental conditions, Tier II Methods may be required by regulators on a case by case basis per supplemental agreement.

The Contractor may use cation exchange capacity (CEC) values from proposed site borings to plan and develop the bid for the project. CEC values exceeding 15 milliequivalents per 100 grams of soil may indicate a high potential for turbidity and should be avoided when dewatering into surface water is proposed.

No additional compensation for monitoring borrow pit discharge will be paid.

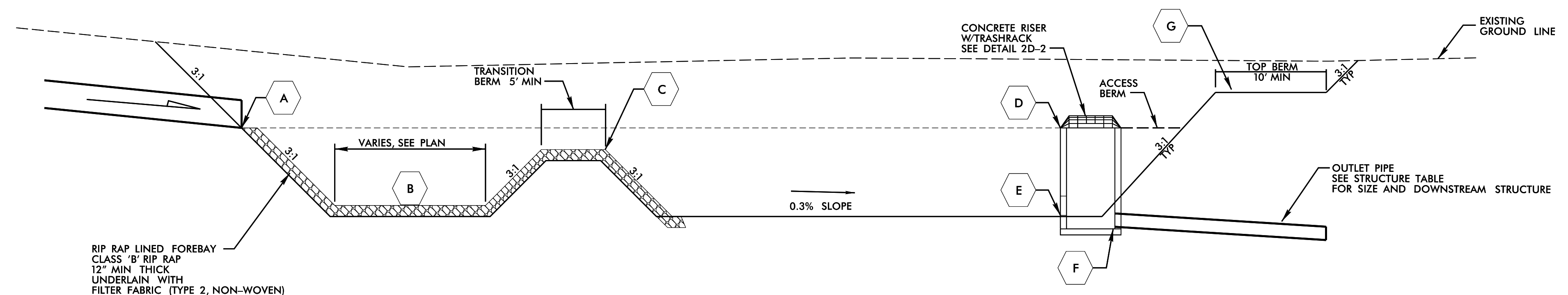
**NOTE TO CONTRACTOR:**

No direct payment will be made to maintain/remove existing erosion control devices from the R-5726A project. This work will be incidental to various other line items.

# DRY DETENTION BASIN

\*NOT TO SCALE\*

PROJECT REFERENCE NO.	SHEET NO.
R-5726	2D-2
RW SHEET NO.	
HYDRAULICS ENGINEER	



TYPICAL SECTION

- NOTES:
- SEE PLANS FOR LOCATION AND BASIN DIMENSIONS.
  - IF SEASONAL HIGH WATER TABLE (SHWT) IS WITHIN 2' OF THE BASIN BOTTOM, CONTACT THE NCDOT HYDRAULIC UNIT PRIOR TO CONSTRUCTION.
  - ALL DISTURBED BASIN SLOPES DRAINING INTO THE BASIN SHALL BE SODDED WITH BERMUDA SOD.
  - ACCESS BERM SHOULD BE PROVIDED TO CONTROL STRUCTURE ON ALL BASINS AS SHOWN IN DETAIL.

TABLE 1  
ELEVATIONS FOR DRY DETENTION BASIN

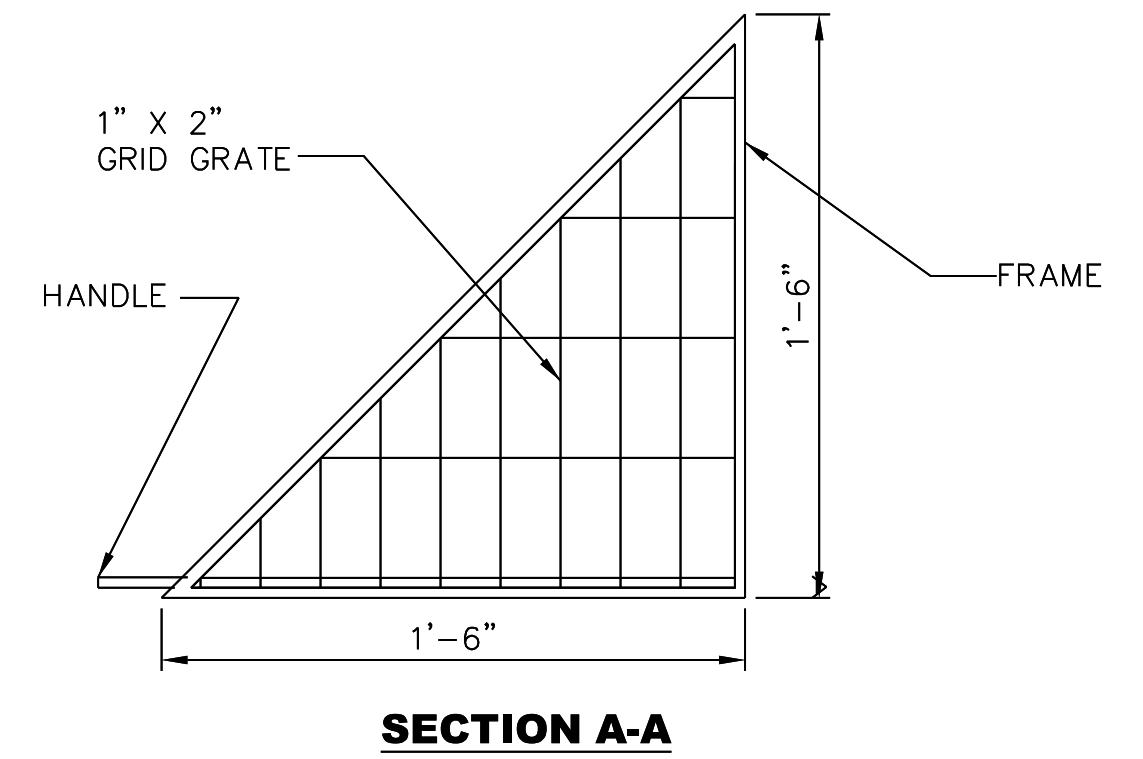
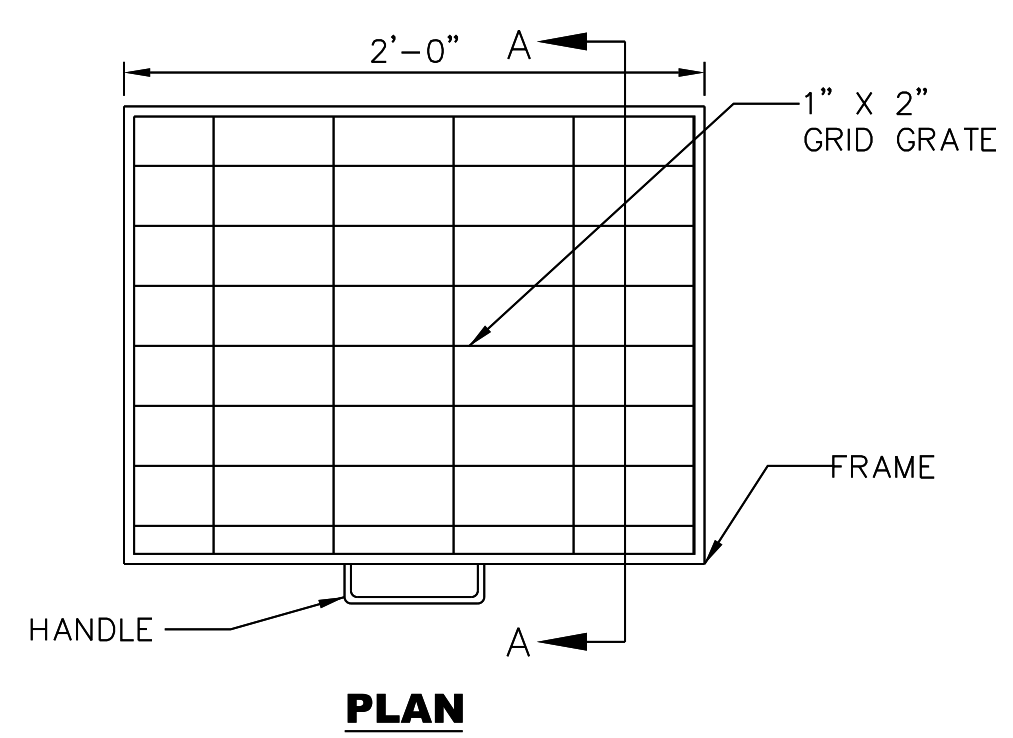
STATION	A (INLET PIPE INVERT)	B (FOREBAY BOTTOM)	C (FOREBAY BERM)	D (WEIR ELEV)	E (ORIFICE INVERT)	F (OUTLET INVERT)	G (TOP OF BERM)
120+00 RT	578.00	575.00	578.00	578.50	575.00	572.00	582.00
215+00 RT	611.30	608.30	611.30	610.80	608.30	606.80	615.30

# REMOVABLE ORIFICE TRASH RACK

\*NOT TO SCALE\*

\*\*TRASH RACK IS INCIDENTAL TO THE DRAINAGE STRUCTURE\*\*

- ORIFICE TRASH RACK NOTES:
- ALL JOINTS SHALL BE FULLY WELDED AROUND JOINT WITH A MINIMUM OF A 1/4" BEAD.
  - IF BOLTS ARE ANCHORED IN CONCRETE, FOLLOW STD. DWG. 862.03 AND 862.04 FOR ANCHORING PROCEDURE.
  - REMOVABLE ORIFICE TRASH RACK SHALL BE ATTACHED TO CONCRETE BOX BY HINGE OR SLIDE RAIL SYSTEM.
  - RACK AND HARDWARE SHALL BE ALUMINUM OR GALVANIZED IN ACCORDANCE WITH ASTM A-153.

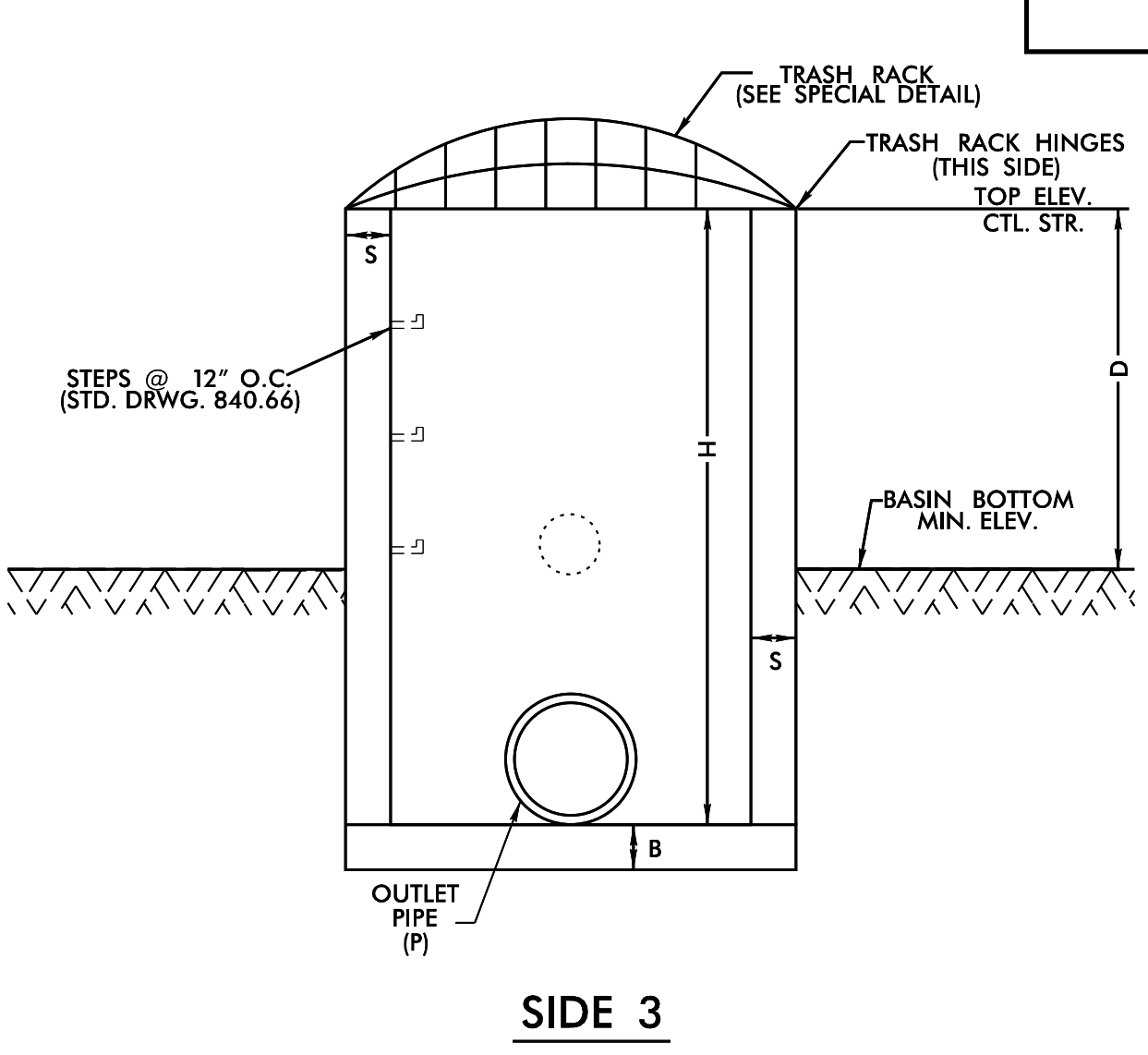
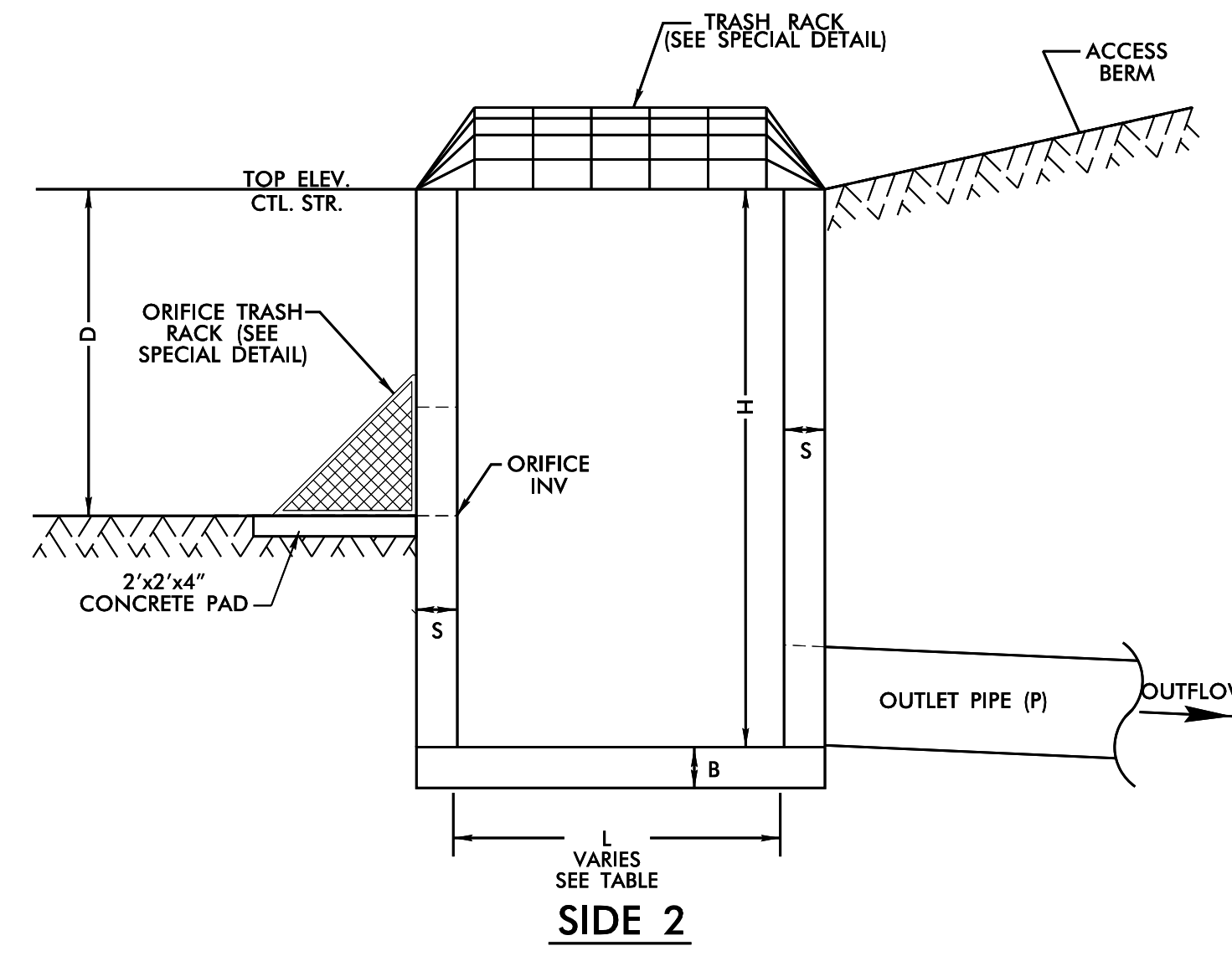
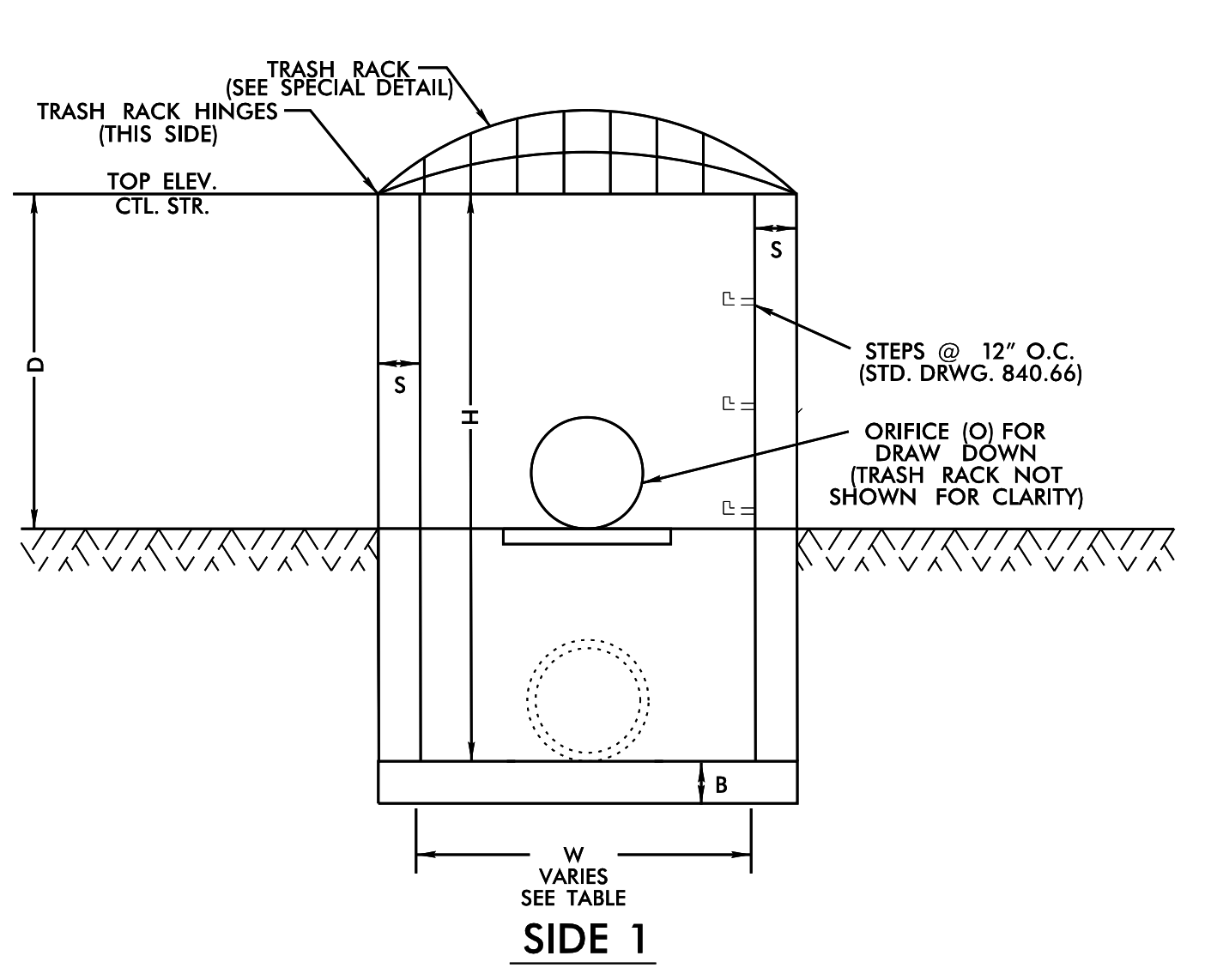


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 DATE: 11/12/2024  
 REVISIONS

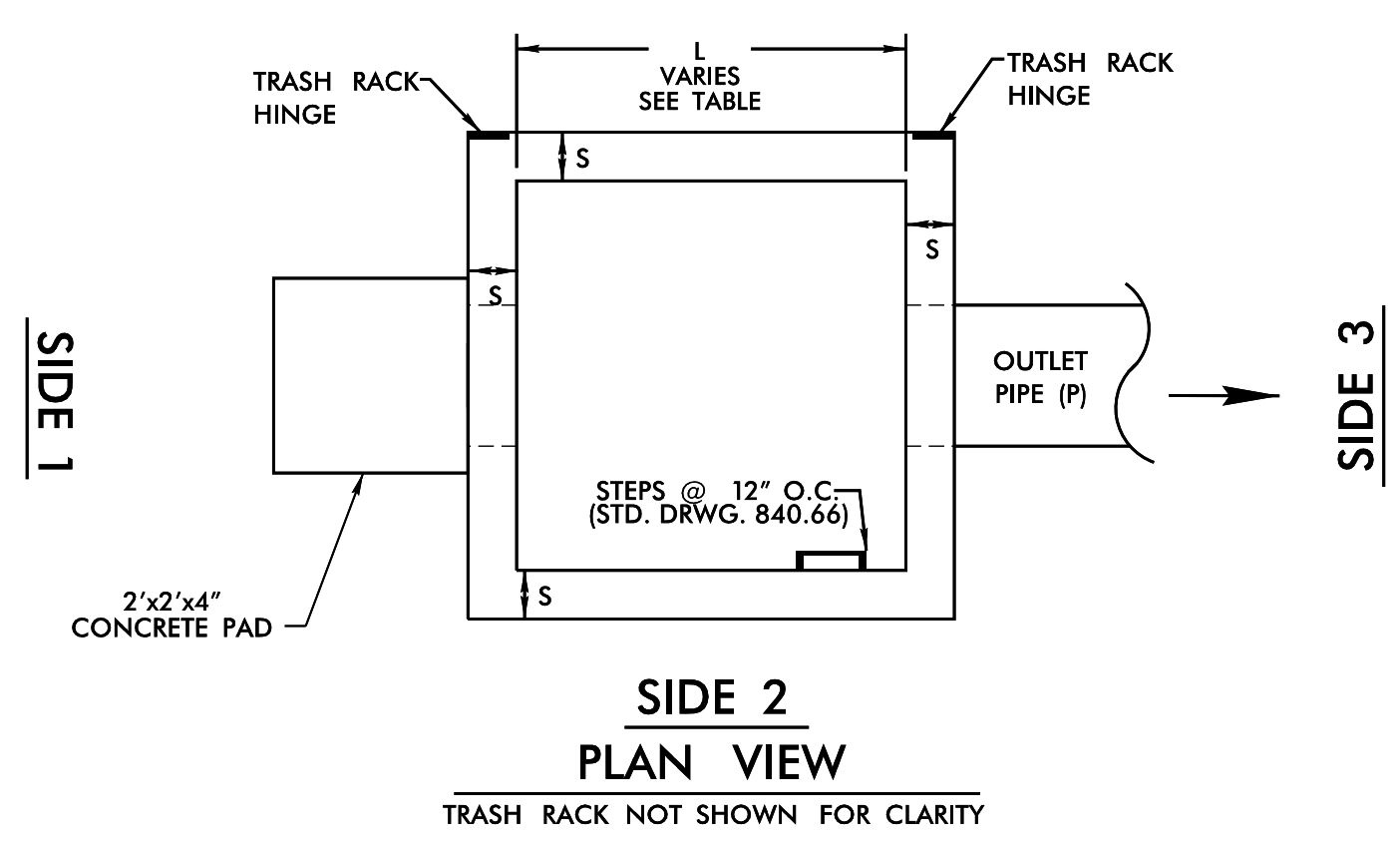
PROJECT REFERENCE NO.	SHEET NO.
R-5726	2D-3
RW SHEET NO.	
HYDRAULICS ENGINEER	

# OUTLET CONTROL STRUCTURE

\*NOT TO SCALE\*



- NOTES:
1. TOP ELEVATION OF CONTROL STRUCTURE (WEIR ELEVATION) SHOULD BE SET BELOW THE 50-YEAR EVENT WATER SURFACE ELEVATION.
  2. NO BEDDING MATERIAL TO BE USED TO PREVENT SEEPAGE. THEREFORE, DO NOT FOLLOW STANDARD DRAWINGS FOR METHOD OF PIPE INSTALLATION FOR OUTLET PIPE THROUGH EMBANKMENT.
  3. CONTROL STRUCTURE AND OUTLET PIPE ARE SIZED TO PASS THE 100-YEAR EVENT.
  4. CONSTRUCT TRASH RACK TO SPAN OUTLET CONTROL STRUCTURE.
- SELECT BOX STANDARD AS REQUIRED TO ACCOMMODATE ORIFICE TRASH RACK WIDTH AND OUTLET PIPE.
5. FOOTER DIMENSION (B) IS ADJUST FOR ANTI-FLOTATION.
  6. WATER TIGHT SEALS ARE REQUIRED AT ALL PIPE CONNECTIONS TO STRUCTURE.



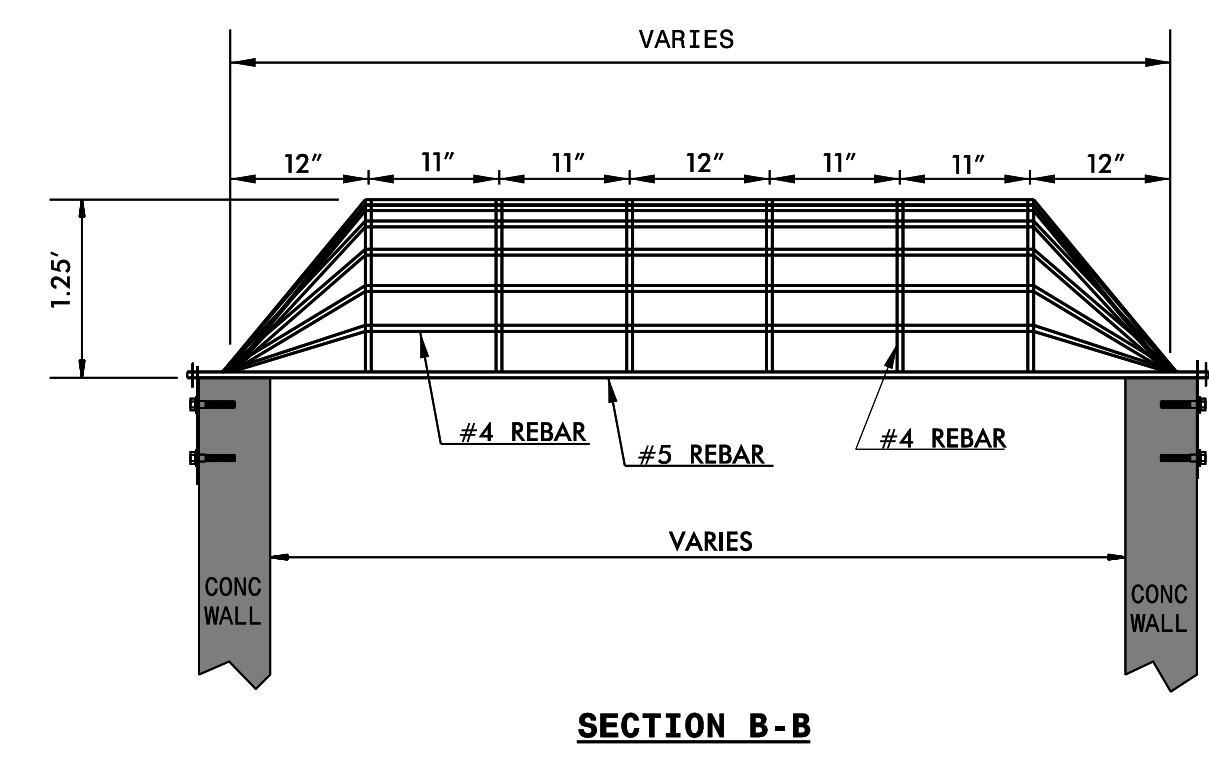
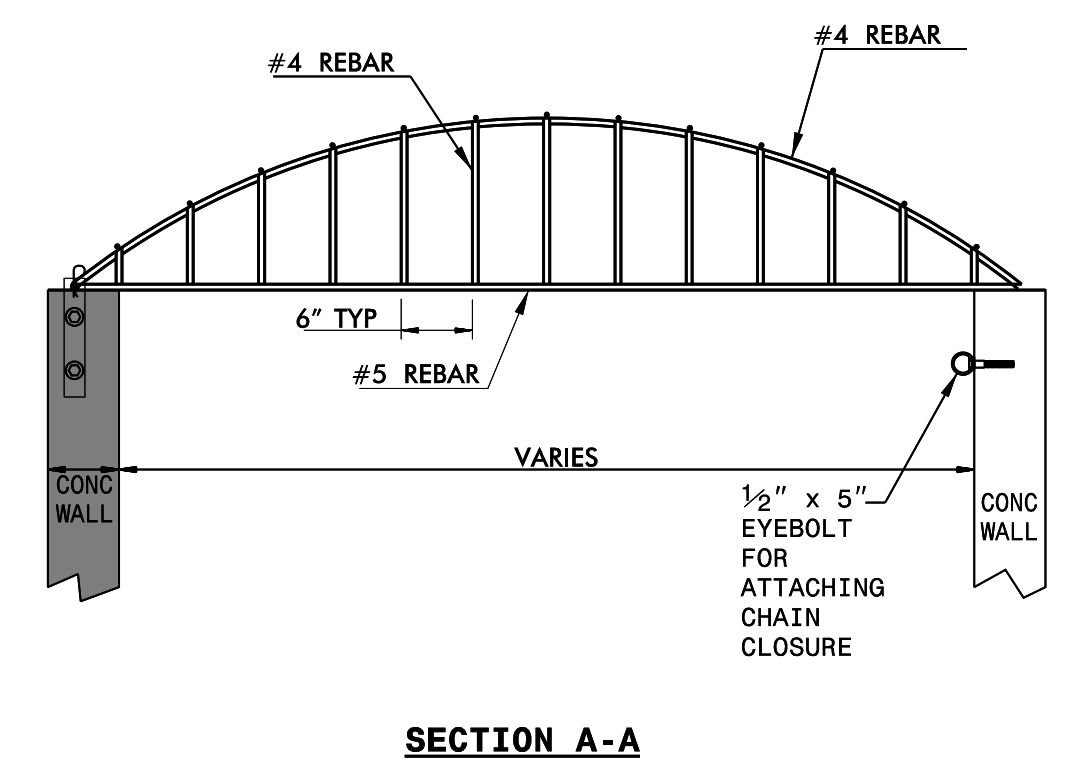
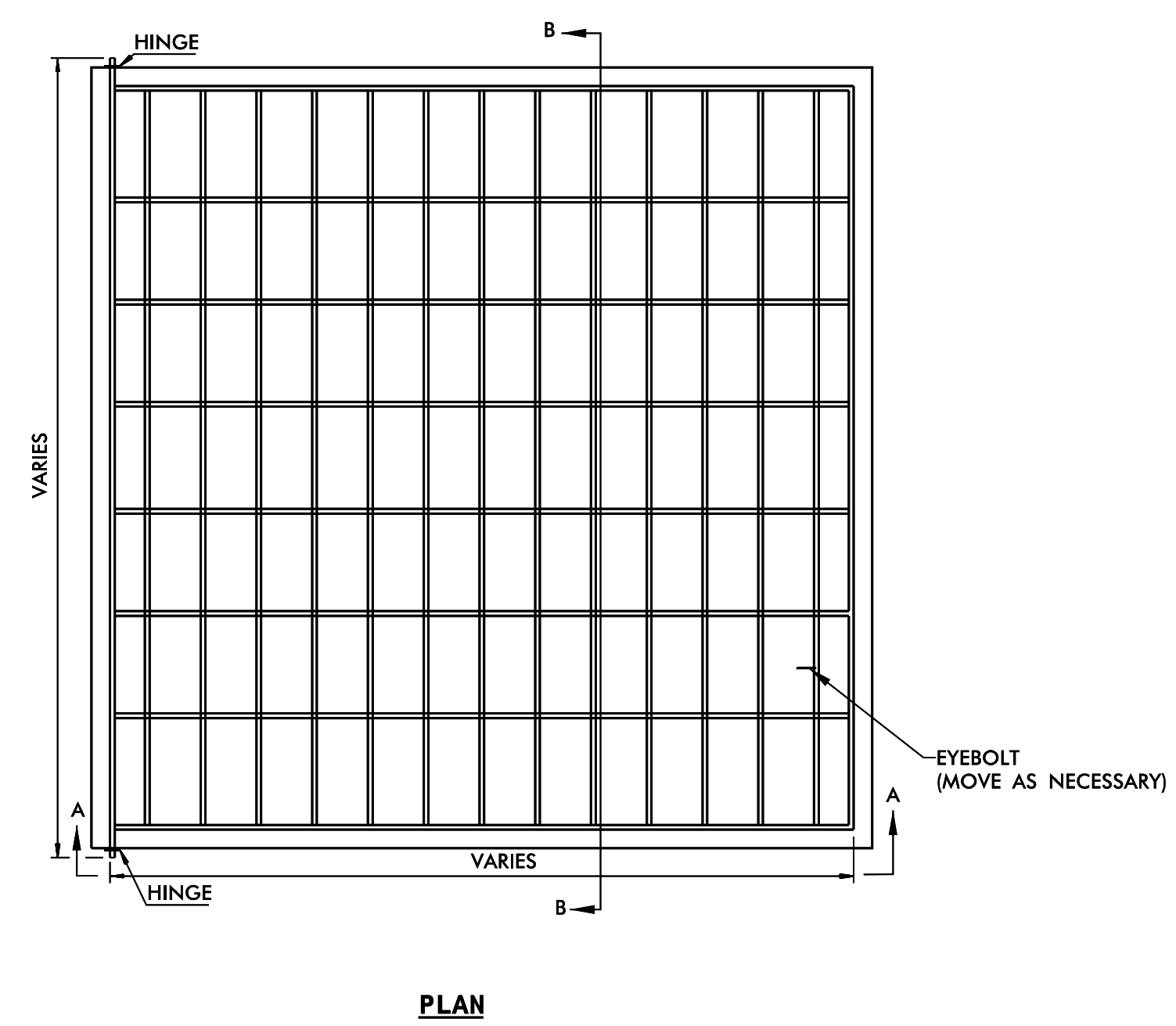
STATION	STRUCTURE NUMBER	S (INCHES) 6" MIN.	B (INCHES) 6" MIN.	TOP ELEVATION CONTROL STRUCTURE	MAX. STORAGE DEPTH(D) FEET	ORIFICE DIAMETER (O) INCHES	ORIFICE INV. ELEV.	CONTROL STRUCTURE INV. ELEV.	CTL. STR. DIMENSIONS (W x L x H)	OUTLET PIPE DIAMETER(P) INCHES
120+00 RT	1242	6	21	580.00	4.00	12	576.00	572.00	4x4x8.0	36
215+00 RT	1919	6	12	610.80	2.50	12	608.30	606.80	4x4x4.0	36

# REBAR TRASH RACK

\*NOT TO SCALE\*

\*\*TRASH RACK IS INCIDENTAL TO THE DRAINAGE STRUCTURE\*\*

- RISER TRASH RACK NOTES:
1. ALL JOINTS SHALL BE FULLY WELDED AROUND JOINT WITH A MINIMUM OF A 1/4" BEAD.
  2. IF BOLTS ARE ANCHORED IN CONCRETE, FOLLOW STD. DWG. 862.03 AND 862.04 FOR ANCHORING PROCEDURE.
  3. EYEBOLT FOR CHAIN CLOSURE SHALL BE INSTALLED BY THE SAME METHOD AS THE HINGE PLATE BOLTS.
  4. RACK AND HARDWARE SHALL BE ALUMINUM OR REBAR AND GALVANIZED IN ACCORDANCE WITH ASTM A-153.
  5. ENSURE TRASH RACK OPENS FREELY AND WITHOUT INTERFERENCE WITH SLUICE GATES.



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REVISIONS