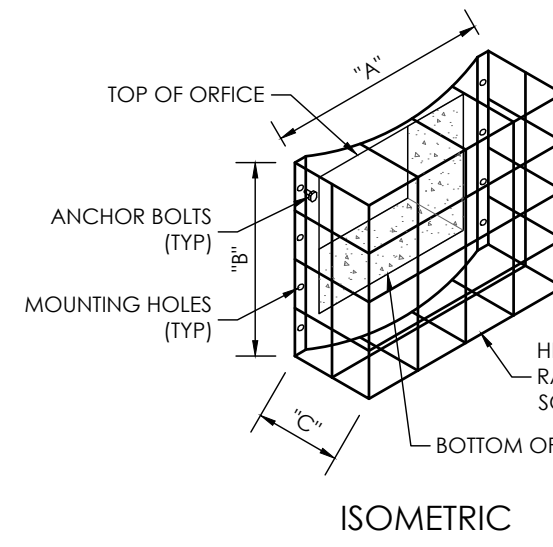


201A OS ISOMETRIC VIEW
SCALE 1" = 2"

TRASH RACK DIMENSION CHART

WEIR 106 CS	"A" WIDTH	"B" LENGTH	"C" DEPTH
UPPER WEIR	27 1/2" ±0.3	38 1/2" ±0.3	7 1/2" ±0.1
LOWER WEIR	16 3/4" ±0.3	16 3/4" ±0.3	7 1/2" ±0.1

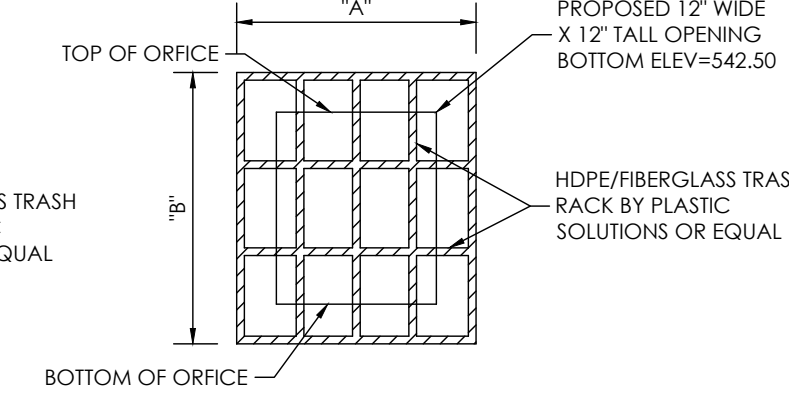
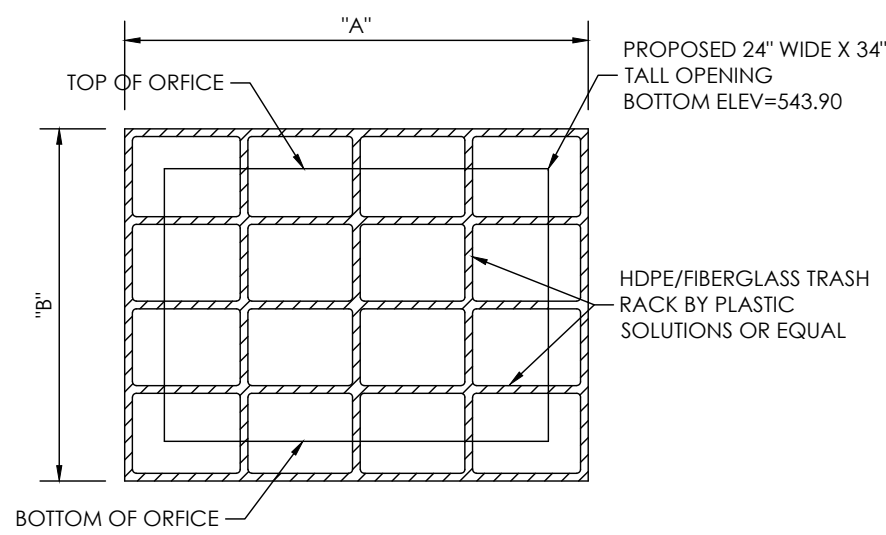
NOTE: PRODUCT CODES (P) USED FOLLOW PLASTIC-SOLUTIONS.COM OR EQUAL.



0.21"-(2.5") CIRCULAR OPENING. ORIFICE PROTECTION TRASH RACK SHALL BE LOCATED IN FRONT WITH 2' x 2' SLAB. REFERENCE ORIFICE PROTECTION DETAIL ON THIS SHEET.

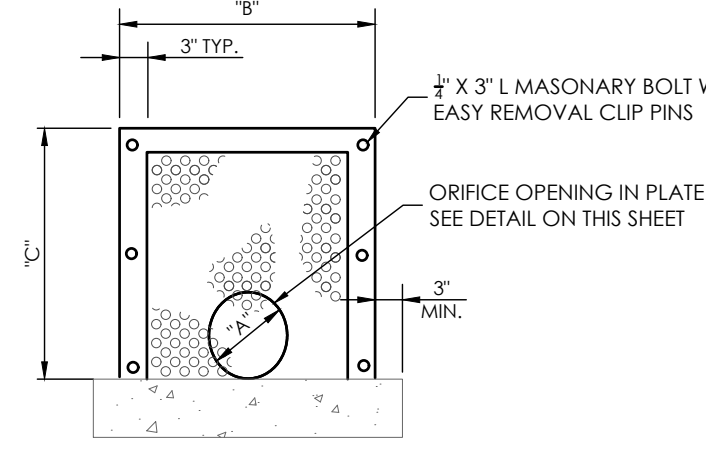
- NOTE:
1. TRASH RACK TO BE MOUNTED TO FACE OF OUTFALL STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
 2. TRASH RACK TO ENCOMPASS THE FULL WEIR AREA.
 3. TRASH RACK MOUNTING FACE TO FOLLOW CONTOUR OF OUTFALL STRUCTURE.

UPPER WEIR PROTECTION DETAIL
(N.T.S.)

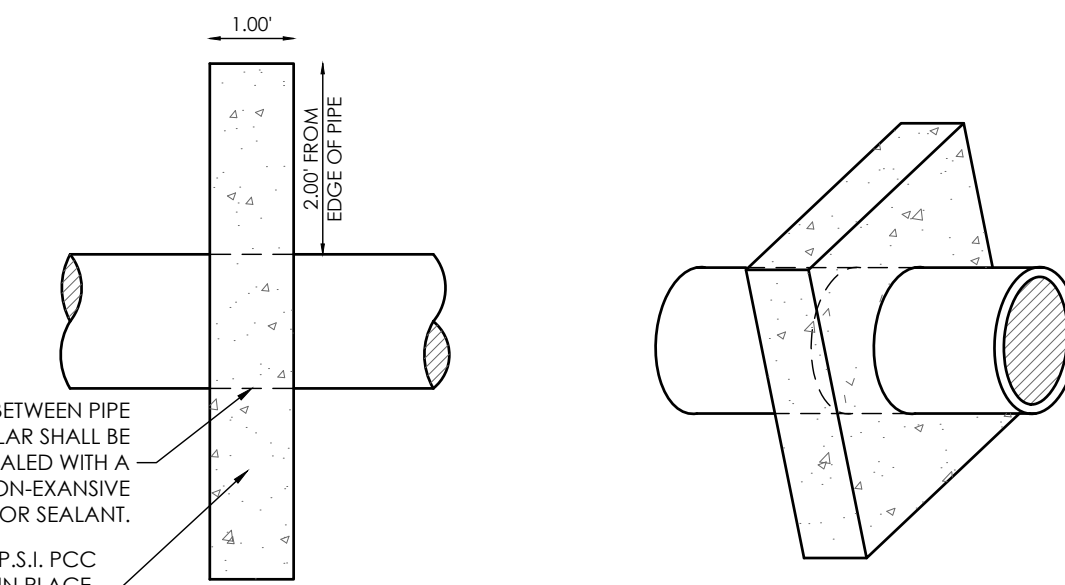


DIMENSION CHART

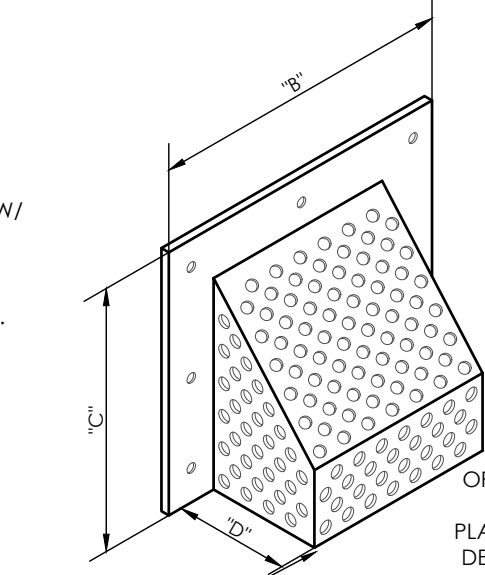
LOW FLOW ORIFICE DIA. "A"	"B"	"C"	"D"
1.00' - 6"	18"	15"	6"
8" - 15"	24"	21"	12"
18" - 24"	42"	39"	30"



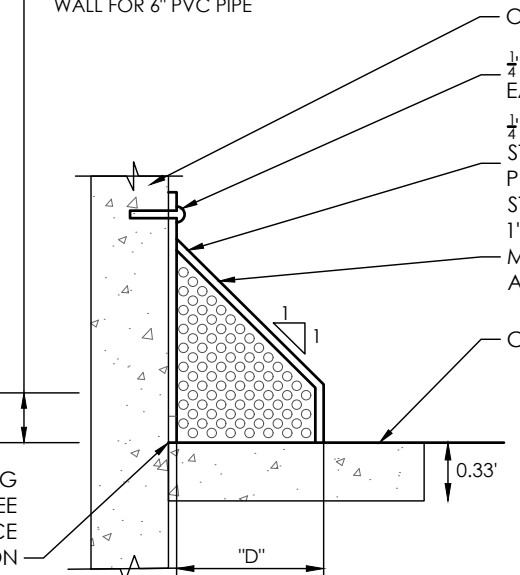
ELEVATION



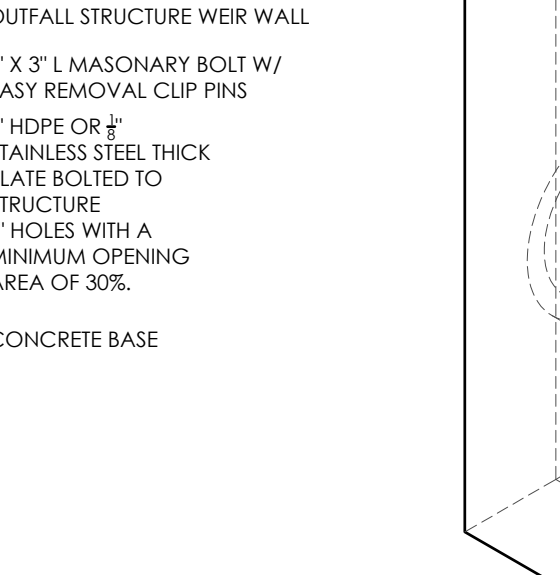
ANTI-SEEPAGE COLLAR DETAIL
(N.T.S.)



ORIFICE PROTECTION DETAIL
(N.T.S.)

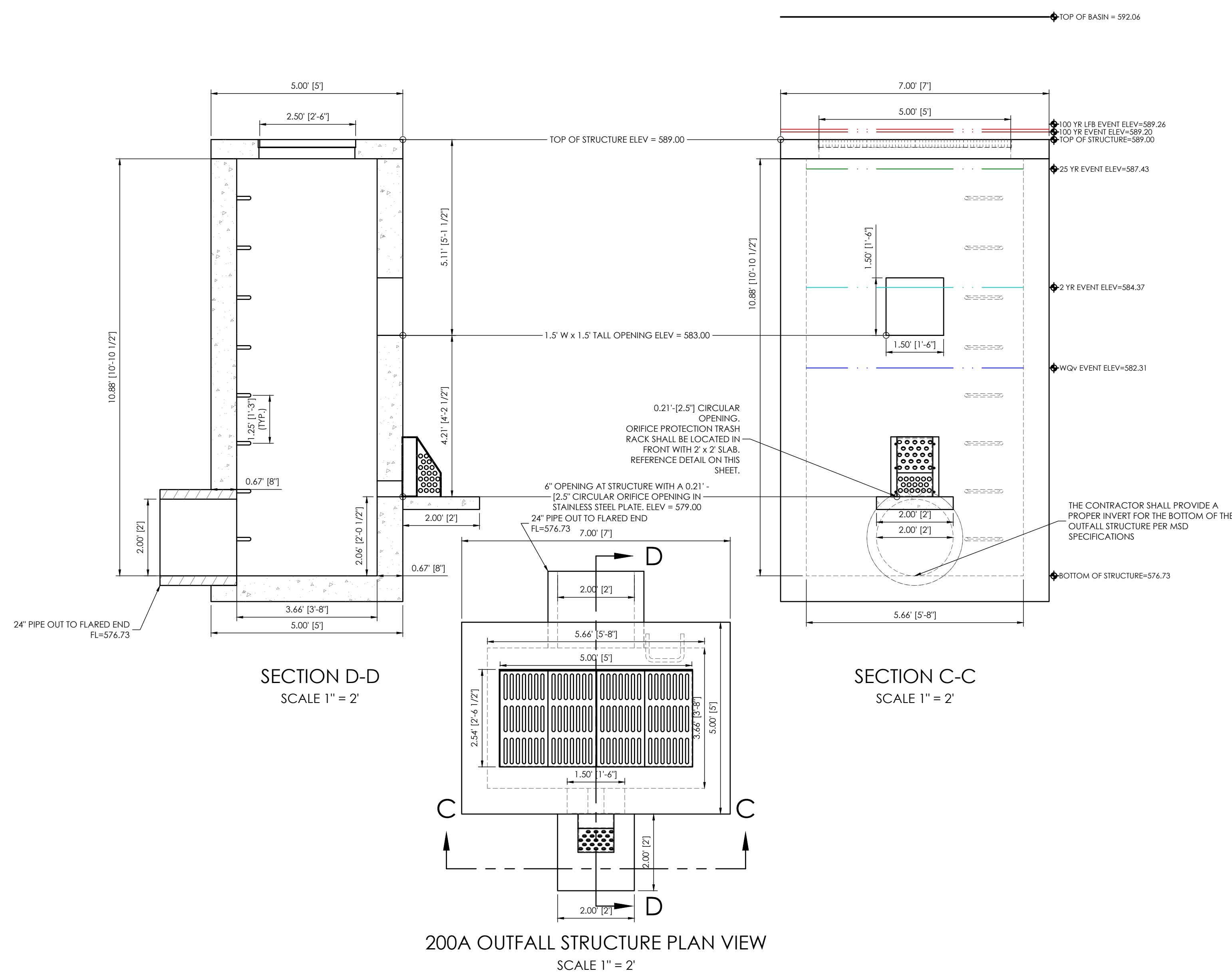


SECTION

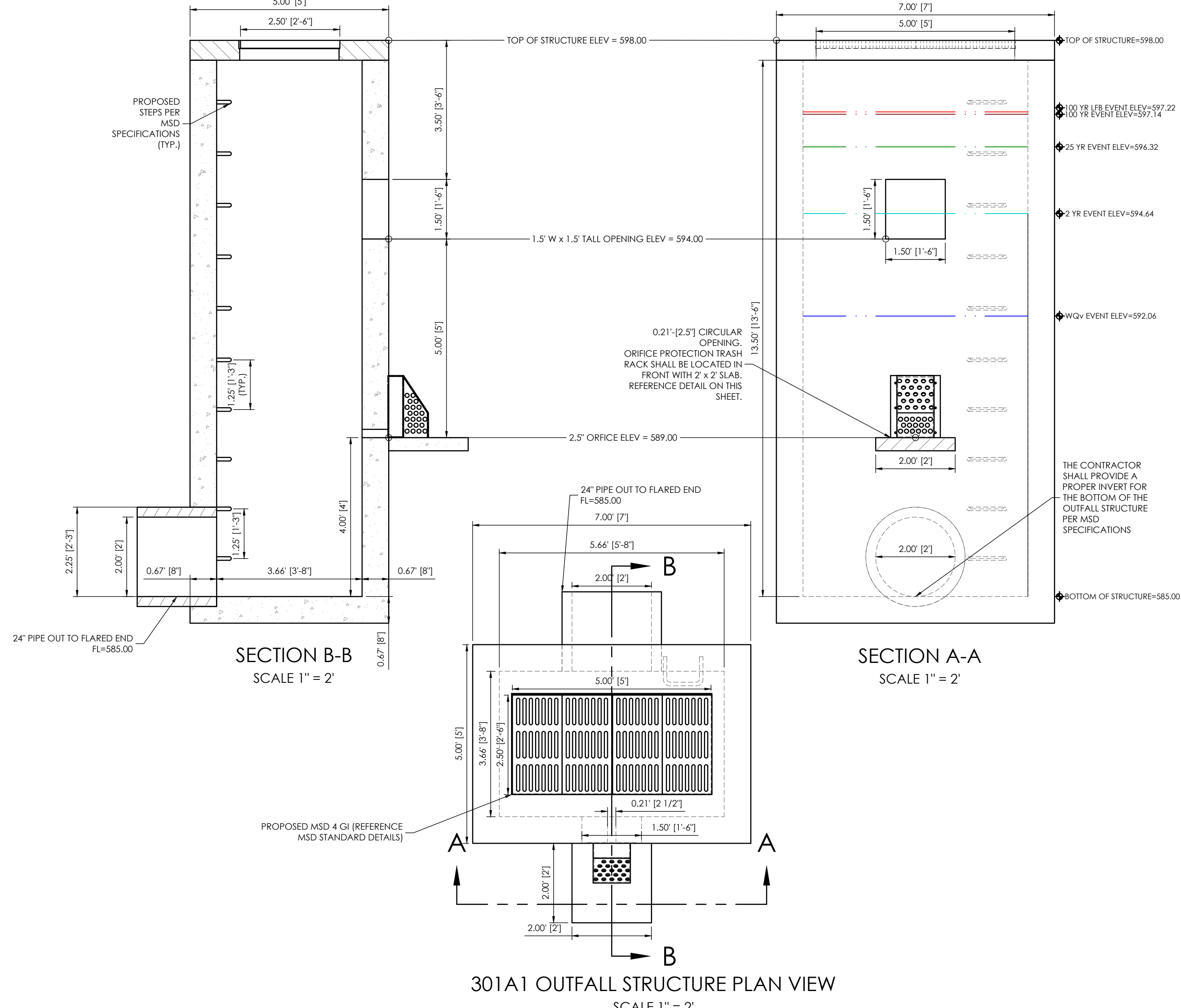


0.21"-(2.5") CIRCULAR OPENING. ORIFICE PROTECTION TRASH RACK SHALL BE LOCATED IN FRONT WITH 2' x 2' SLAB. REFERENCE ORIFICE PROTECTION DETAIL ON THIS SHEET.

301A1 OS ISOMETRIC VIEW
SCALE 1" = 2"



200A OUTFALL STRUCTURE PLAN VIEW
SCALE 1" = 2"



301A1 OUTFALL STRUCTURE PLAN VIEW
SCALE 1" = 2"



ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is declined for all other engineering plans involved in this project and specifically excludes revisions after this date unless resubstantiated.
STEVEN D. MARKOV, P.E.
PROFESSIONAL ENGINEER
PE 220007195

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CREVE COEUR, MO 63141

Date: 5/2/2023

#	Revision Date	Description of Changes
1	6/26/2023	REVISED PER CITY OF OFALLON AND OFALLON FIRE COMMENTS
2	7/17/2023	REVISED PER CITY OF OFALLON COMMENTS
3	7/17/2023	REVISED PER CITY OF OFALLON COMMENTS

Sheet Title: OUTFALL STRUCTURE DETAILS
Sheet Number: C-608
Project No.: 2202920
Drawn By: P. HEITZ
Checked By: M. FOGARTY

ISSUED FOR CONSTRUCTION