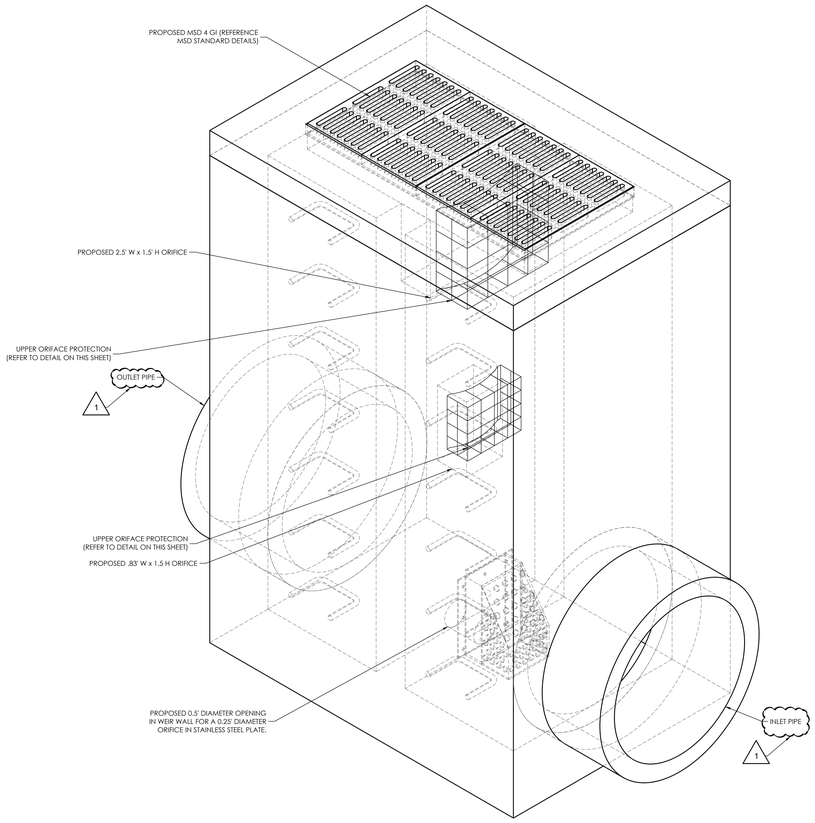
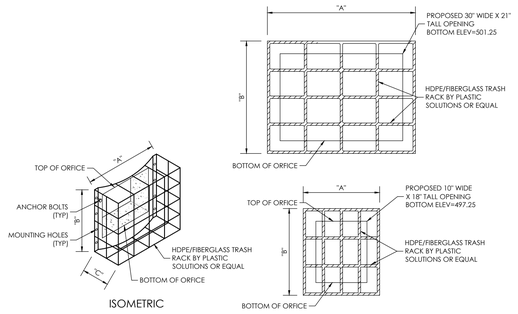


103 OS ISOMETRIC VIEW

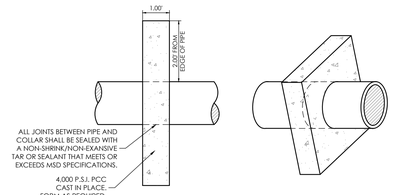
SCALE 1" = 1'



NOTE:
1. TRASH RACK TO BE MOUNTED SHALL FACE THE OUTFALL STRUCTURE WALL PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
2. UPPER WEIR PROTECTION SHALL ENCOMPASS THE FULL WEIR AREA.
3. UPPER WEIR PROTECTION MOUNTING FACE TO FOLLOW CONTOUR OF OUTFALL STRUCTURE.
4. G.C. SHALL PROVIDE DIMENSIONS AND DRAWINGS TO MANUFACTURER FOR FABRICATION OF THE UPPER ORIFICE AND/OR WEIR PROTECTION

UPPER ORIFICE PROTECTION DETAIL

(N.T.S.)

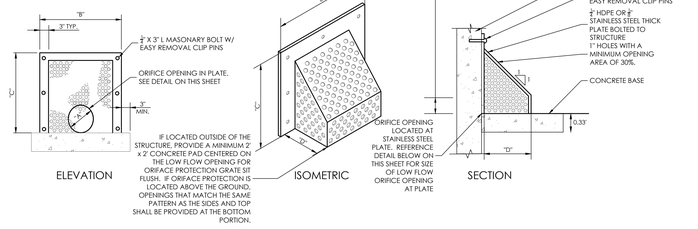


1 ANTI-SEEPAGE COLLAR DETAIL

N.T.S. P-2-OFA-113

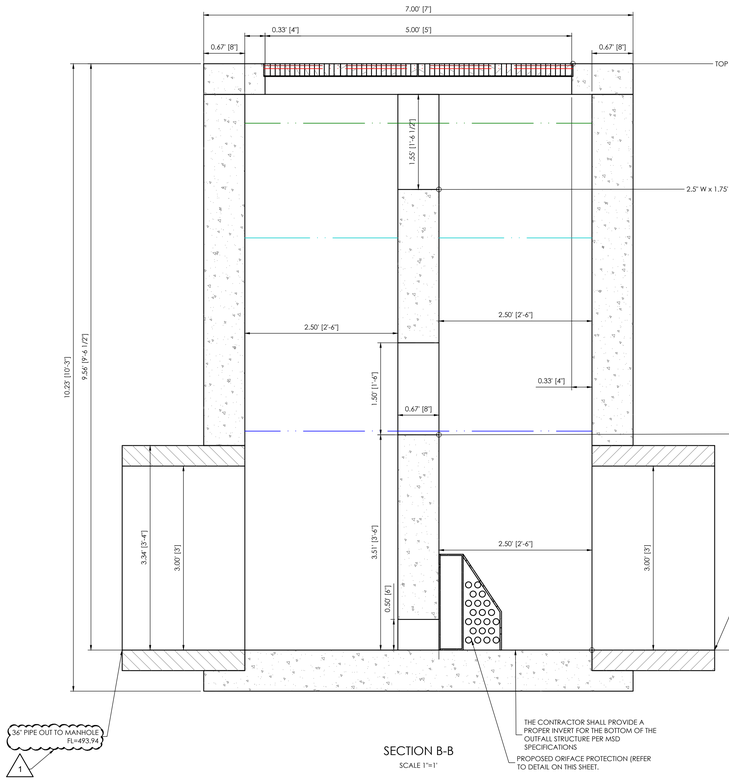
DIMENSION CHART

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



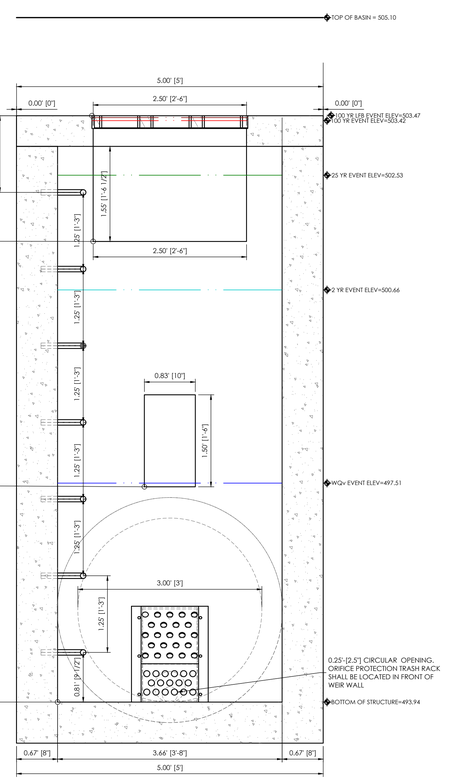
ORIFICE PROTECTION DETAIL

(N.T.S.)



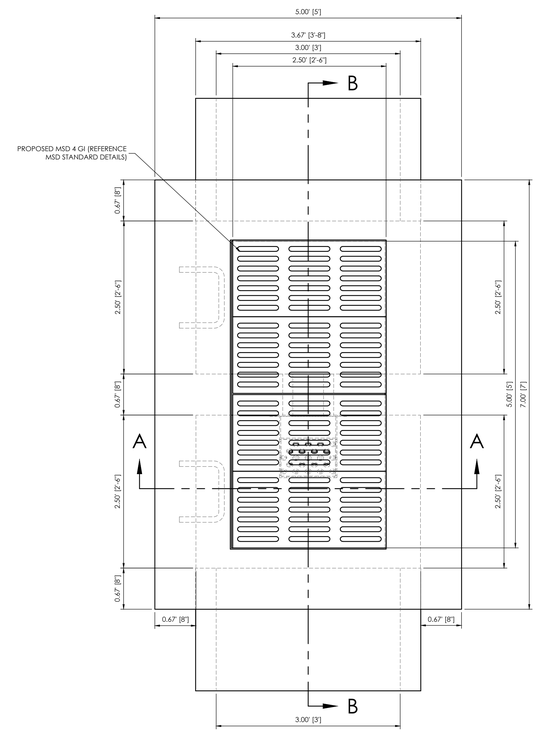
SECTION B-B

SCALE 1"=1'



SECTION A-A

SCALE 1"=1'



OS 103 OUTFALL STRUCTURE PLAN VIEW

SCALE 1" = 1'

hdesigngroup
architecture + design
5039 S National Avenue | Springfield, MO 65810 | 417.887.6595

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REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #01	10/5/2023

PROJECT NO.: 2207920 DRAWN BY: A. JONES
DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

PROFESSIONAL SEAL

STATE OF MISSOURI
STEVEN MARION NUMBER PE2006007195
PROFESSIONAL ENGINEER

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder affixed. Responsibility is disclaimed for all other engineering plans relative to this project and specifically excludes revisions made to these plans unauthorized.
STEVEN D. MARION P.E.
PROFESSIONAL ENGINEER
PE 2006007195

PROJECT TITLE
O'FALLON PUBLIC WORKS FACILITY

PROJECT ADDRESS:
1101 OLD E TERRA LANE
O'FALLON, MO 63366

OUTFALL STRUCTURE DETAIL

SHEET
C-602

PERMIT SET

\\Vault\Revit\CIVIL 3D PROJECTS\2022\2207920_HDG_City of O'Fallon MO Public Works\ENGINEERING\PHASE 1 CONSTRUCTION DOCUMENTS\C-602 OUTFALL STRUCTURE DETAIL.dwg