

Job Name: 26-2114 - Portsmouth Seepage Remediation
Job Location: Portsmouth, OH
Contractor: Allard Excavation, LLC.

Plant: 100

Tech: J. Horsley

9/3/2026 11:40:21 AM

PC: J. Jarvis



Structure ID: 02 ST-MH

P1 MH048BA60

MH BASE

P5) 24" - CASTING HEIGHT - 9"
P4) 24" - GRADE RING - 3"
P3) 48" - ECC CONE w/ 24" HOLE - 36"
P2) 48" - MH RISER - 36"
P1) 48" - MH BASE - 60"
1) CASTING - NEENAH R-1785 (F/C)
2) 48" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 24"
11) MH Step ML-10-TDS-NCR - 10"

Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

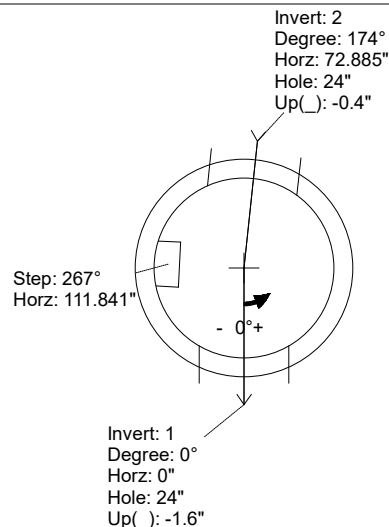
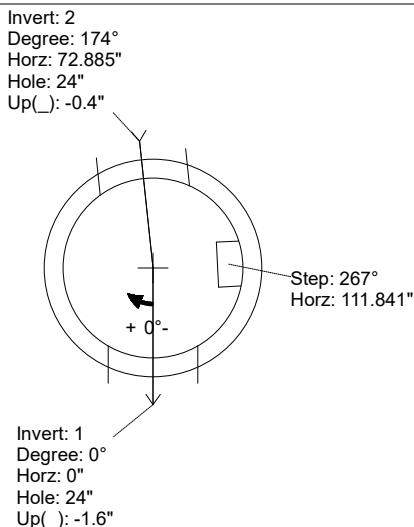
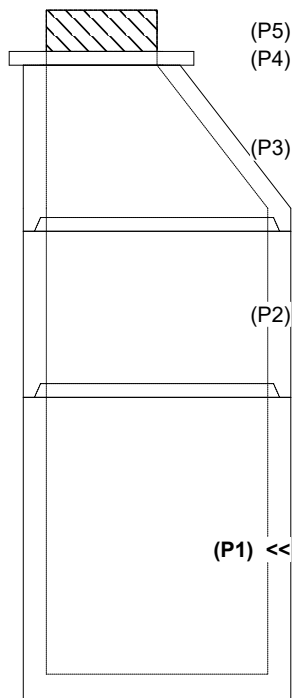
Structure Total: 11139 lb

Rim: 513.6' Rim to Invert: 12.04' Slack: 0.48" Sump: 0" Step Position: 267°

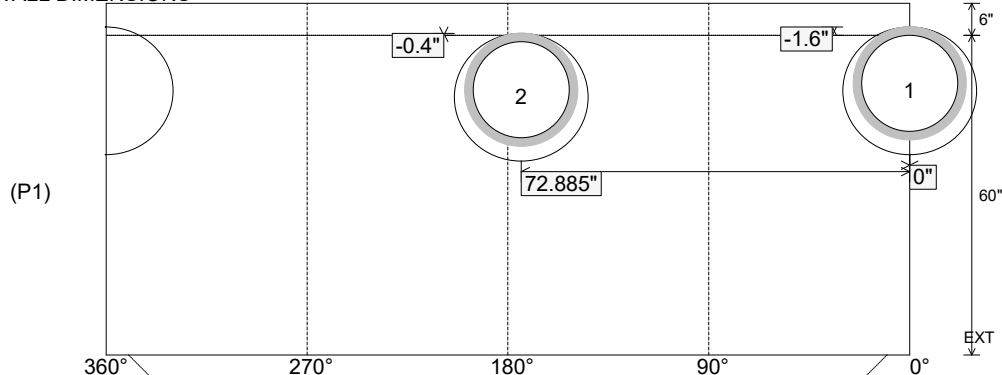
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	501.56'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.6"	0"
Invert 2	501.66'	174°	88.069"	18" HDPE	21.2"	Hole 24	24"	25.133"	-0.4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 60"
Height (Ext): 66"

Weight (Net): 5127 lb
Volume (Net): 1.31cu.yd