

Job Name: 25-4219 - Hitachi Berea
 Job Location: Berea, KY
 Contractor: Brown General Contractors

Plant: 100
 3/26/2026 1:10:23 PM

Tech: J. Horsley - F
 PC: J. Jarvis



Structure ID: ST-5

P1 MH048BAVF

MH BASE Custom Ht

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - CON CONE w/24" HOLE - 36"
- P1) 48" - MH BASE Custom Ht - 49"
- 1) CASTING - HOE MCB-315-R F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 18
- 7) MH Step ML-10-TDS-NCR - 10"

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MCB-315R F/G).
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

0 lb
 2252 lb
 4447 lb
 258 lb
 0 lb
 0 lb
 0 lb
 0 lb

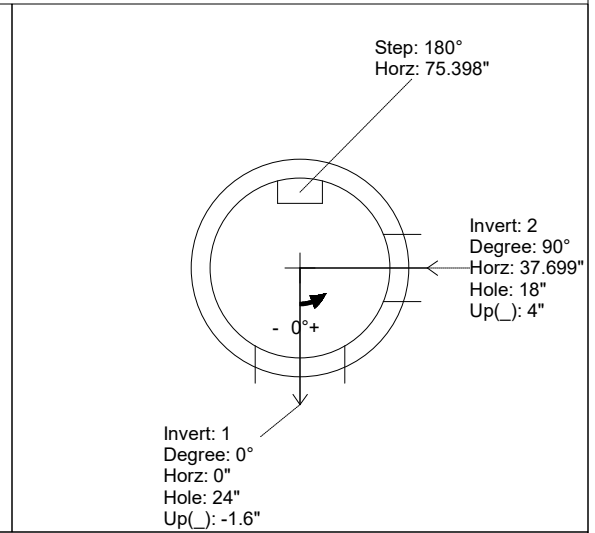
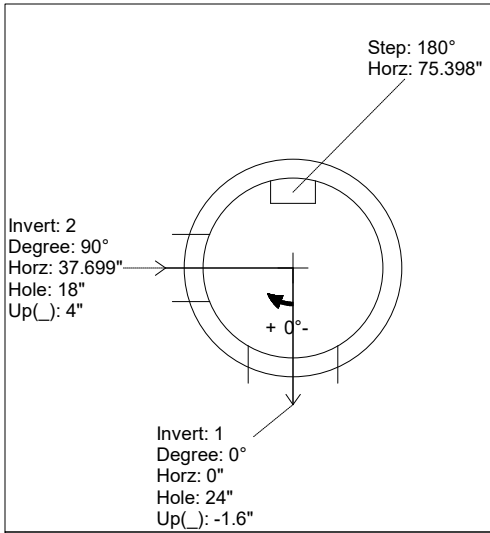
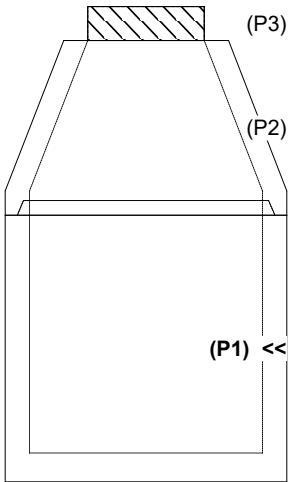
 Structure Total: 6957 lb

Rim: 967.3' Rim to Invert: 7.7' Slack: 0.4" Sump: 0" Step Position: 180°

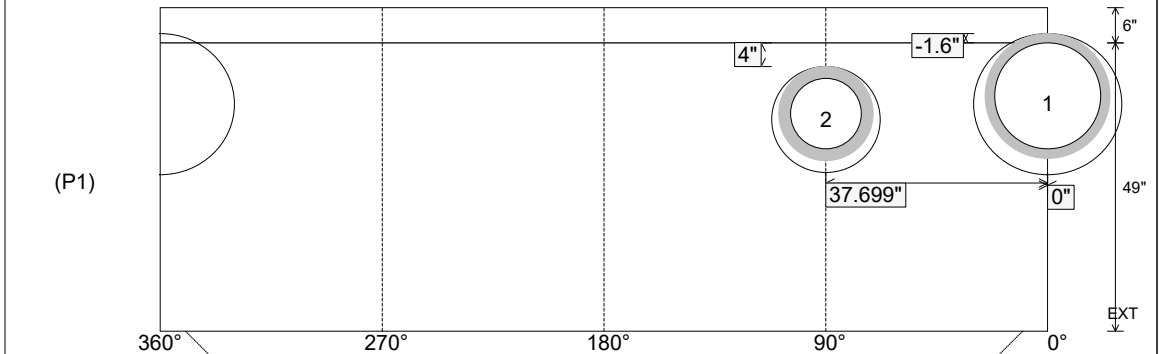
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	959.6'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.6"	0"
Invert 2	960.1'	90°	45.553"	12" RCP B WALL	16"	Hole 18	18"	18.451"	4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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): 49" Height (Ext): 55"	Weight (Net): 4447 lb Volume (Net): 1.14cu.yd
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