

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:29 PM

Tech: J. Horsley - F
 PC: C. Goff



Structure ID: STM-A3

P1 MH048BA42

MH BASE T/n

- P4) 30" x 30" - CASTING HEIGHT - 6"
- P3) 30" x 30" - GRADE RING F/F - 3"
- P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P1) 48" - MH BASE T/n - 42"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 2) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 1) Hole - 26
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 218 lb
 1350 lb
 3304 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5491 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

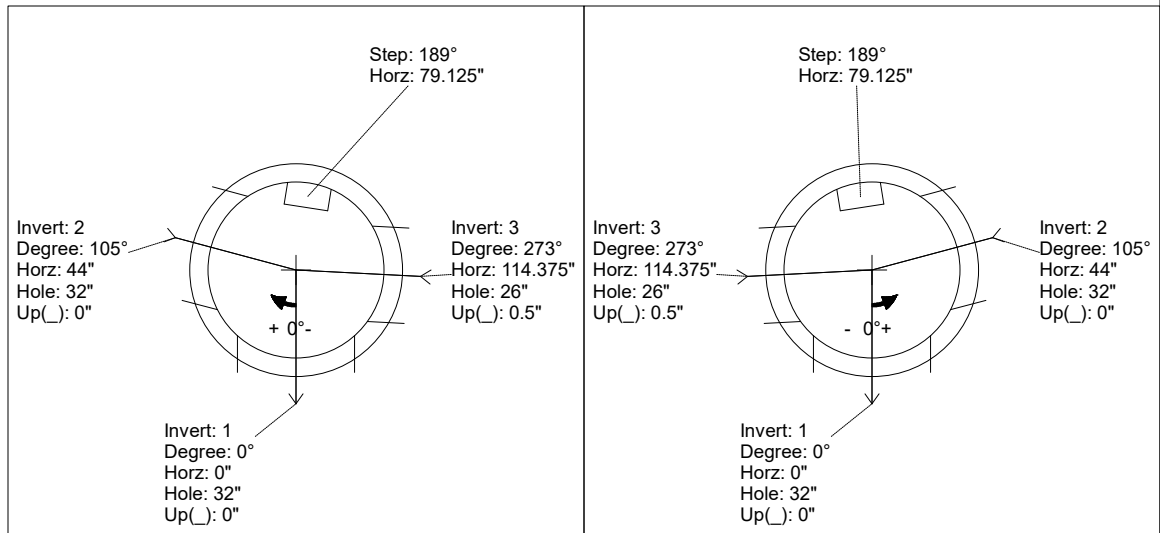
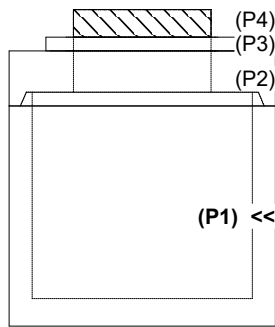
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 470.17' Rim to Invert: 5.06' Slack: 0.72' Sump: 3' Step Position: 189°

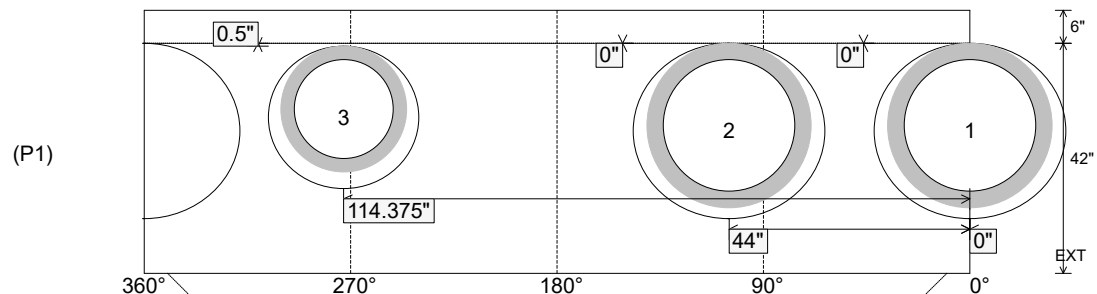
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	465.11'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2	465.11'	105°	53.125"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 3	465.11'	273°	138.125"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0.5"	0"
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): 42"
 Height (Ext): 48"

Weight (Net): 3304 lb
 Volume (Net): 0.84cu.yd