

Job Name: 25-1145 - 7959 Poplar Creek  
 Job Location: Nashville, TN 37221  
 Contractor: Elite Constructors, Inc.

Plant: Beaver Dam, KY  
 11/17/2025 11:33:09 AM

Tech: K. Cardwell  
 PC: A. Chambers



**Structure ID: MH-B2**

**P1 MH048BA30CDARED**

**MH BASE w/ConBlock-CDA Red T/n**

P5) 24" - CASTING HEIGHT - 6"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"	1297 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"	5030 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"	3330 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
1) PSX - 12-06 NYLO	8 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>11565 lb</b>

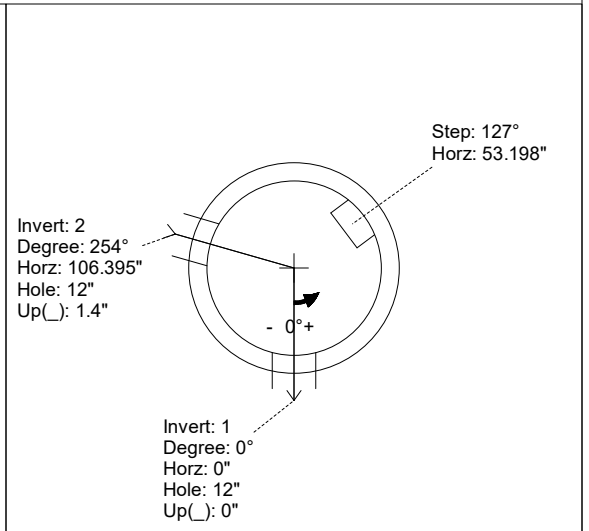
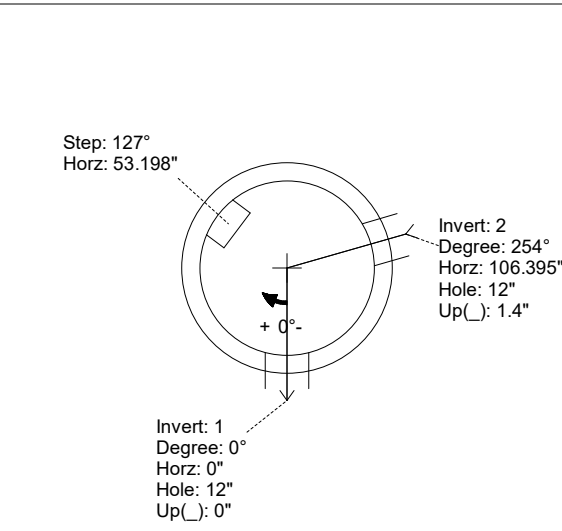
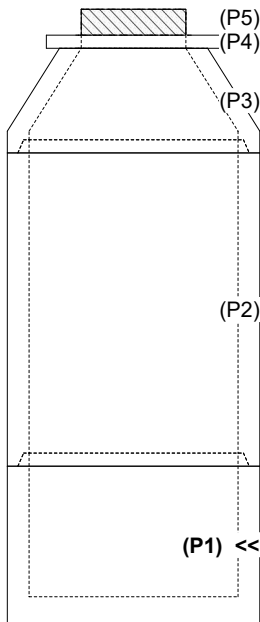
**Structure Notes:**  
 STATION: 13+81.36  
 1. PER ASTM C-478 SPECS  
 2. CONCRETE: 4,500 PSI AT 28 DAYS  
 3. REINFORCEMENT: PER ASTM A615  
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED  
 5. INVERT CHANNEL REQUIRED  
 6. STEPS AT 127 DEGREES  
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 631.5' Rim to Invert: 11.18' Slack: 1.16" Sump: 2" Step Position: 127

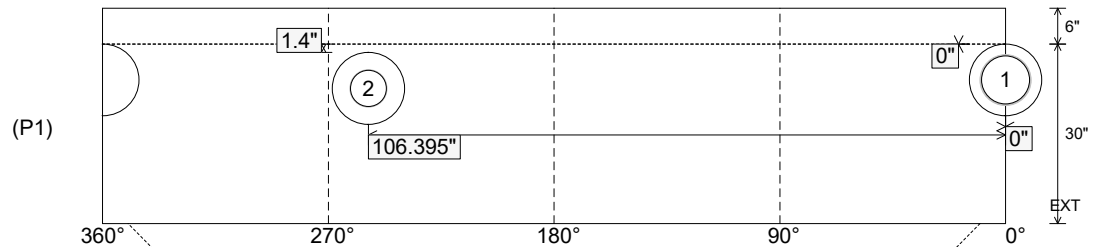
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	620.32'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	620.52'	254°	128.561"	6" PVC SDR26	6.25"	PSX 12-06 NYLO	12"	12.129"	1.4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 30"  
 Height (Ext): 36"

Weight (Net): 3330 lb  
 Volume (Net): 0.85cu.yd

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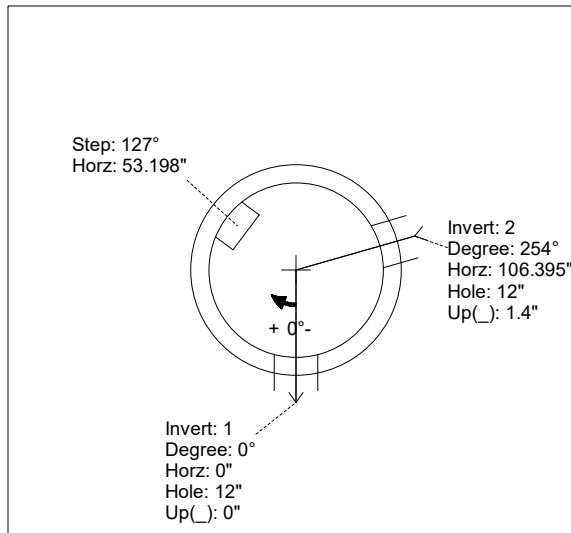
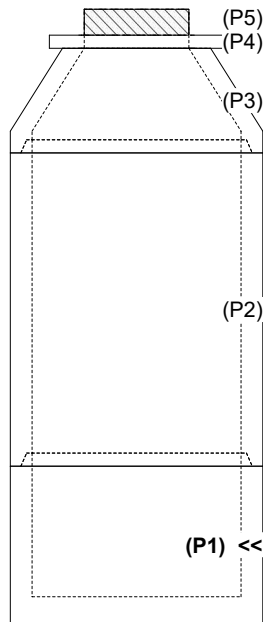
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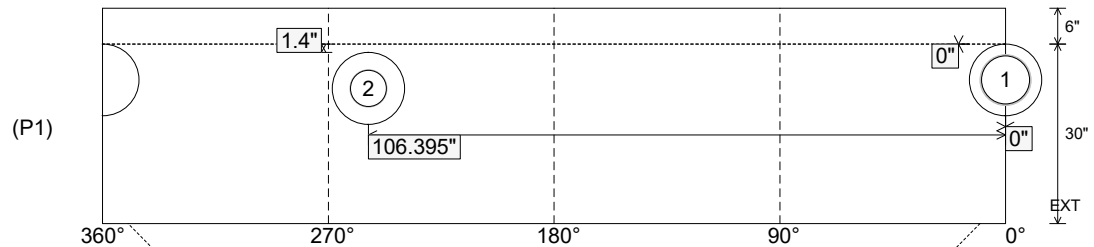
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UPSIDE-DOWN VIEW (int. dimensions)



**INVERT CHANNEL DRAWING**

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 Seam Dn: n/a

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