

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

Plant: Beaver Dam, KY
 11/17/2025 11:33:06 AM

Tech: K. Cardwell
 PC: A. Chambers



Structure ID: MH-A5

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 6"
 - P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"
 - P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"
 - P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36"
 - P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
 - 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
 - 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
 - 1) CASTING - JBS 1155 F/C SANITARY
 - 2) 48" - Conseal CS-102 1.00" (Double)
 - 1) Quik-Lok - QL-08-C
 - 3) PSX - 12-06 NYLO
 - 7) MH Step ML-10-TDS-NCR - 10"
- Structure Total: 8554 lb

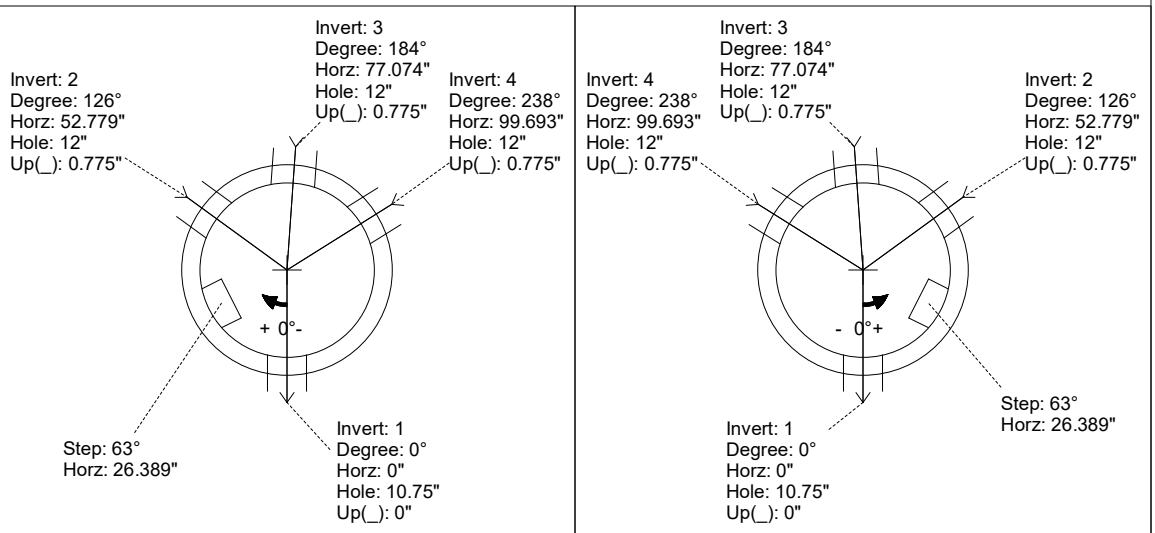
- Structure Notes:**
 STATION: 18+40.62
1. PER ASTM C-478 SPECS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED
 5. INVERT CHANNEL REQUIRED
 6. STEPS AT 63 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 606.14' Rim to Invert: 7.69' Slack: 0.655" Sump: 1.375" Step Position: 63°

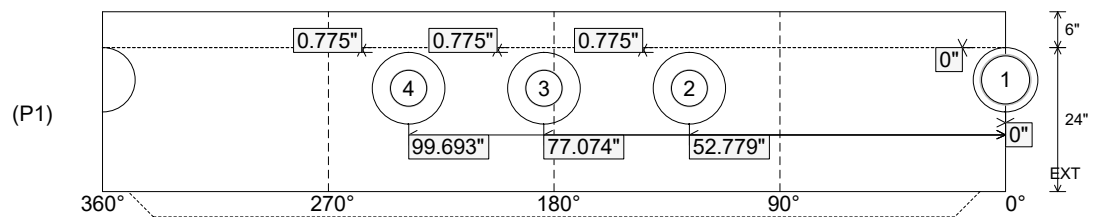
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	598.45'	0°	0"	8" PVC SDR26	8.5"	Quik-Lok QL-08-C	10.75"	10.842"	0"	0"
Invert 2	598.65'	126°	63.774"	6" PVC SDR26	6.25"	PSX 12-06 NYLO	12"	12.129"	0.775"	0"
Invert 3	598.65'	184°	93.131"	6" PVC SDR26	6.25"	PSX 12-06 NYLO	12"	12.129"	0.775"	0"
Invert 4	598.65'	238°	120.463"	6" PVC SDR26	6.25"	PSX 12-06 NYLO	12"	12.129"	0.775"	0"
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): 24"
 Height (Ext): 30"

Weight (Net): 2825 lb
 Volume (Net): 0.72cu.yd

Structure ID: MH-A5

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 6" P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3" P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24" 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) CASTING - JBS 1155 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 1) Quik-Lok - QL-08-C 3) PSX - 12-06 NYLO 7) MH Step ML-10-TDS-NCR - 10"	0 lb 202 lb 1297 lb 2515 lb 2825 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 1 lb 24 lb 0 lb ----- Structure Total: 8554 lb
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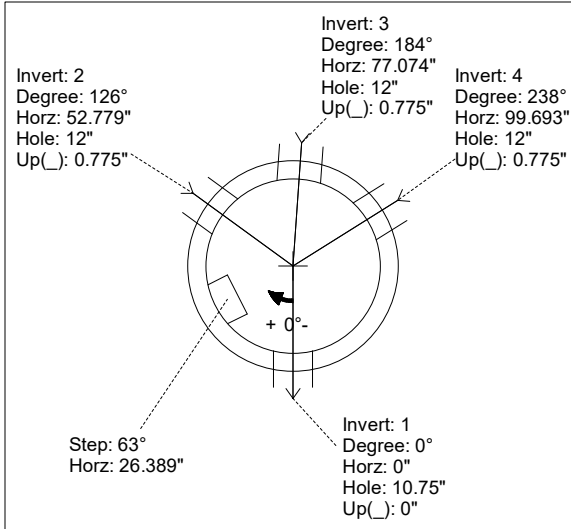
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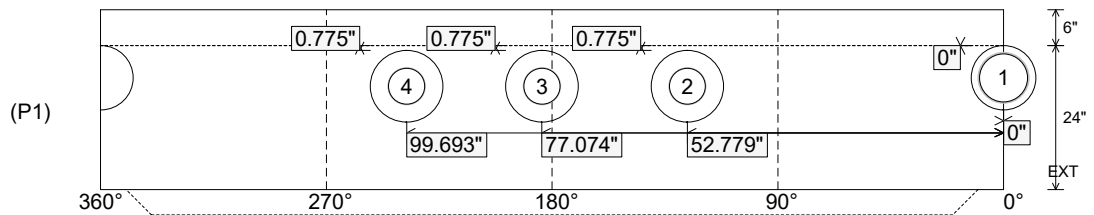
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2825 lb Volume (Net): 0.72cu.yd
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