

Job Name: 26-2117 - The Preserve at Priest Lake
Job Location: Nashville, TN
Contractor: Bear Construction LLC

Plant: 100

8/27/2026 2:55:26 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: 5 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 7"
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
1) CASTING - JBS 1150 F/C SANITARY
2) 48" - Conseal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
9) MH Step ML-10-TDS-NCR - 10"

0 lb
270 lb
1297 lb
4192 lb
3330 lb
0 lb
0 lb
1440 lb
250 lb
0 lb
16 lb
0 lb

Structure Total: 10795 lb

Structure Notes:

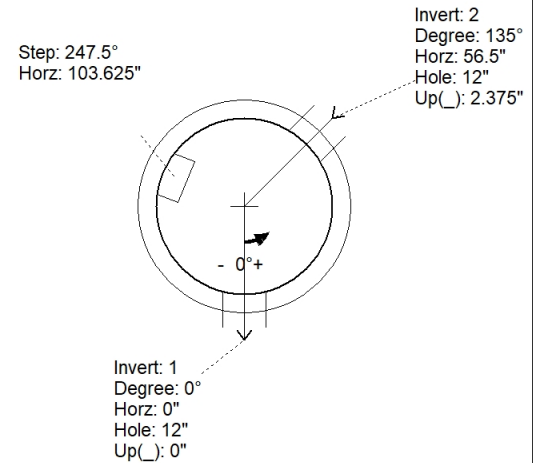
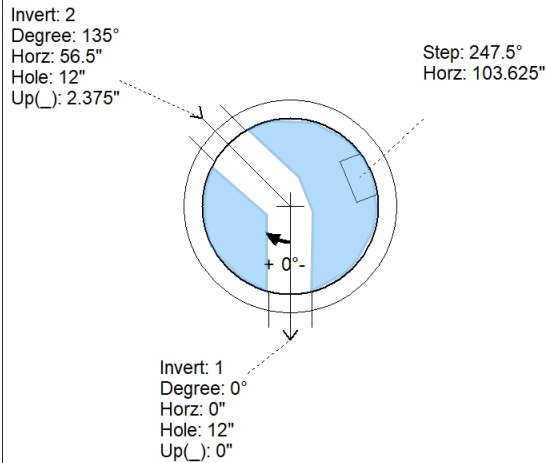
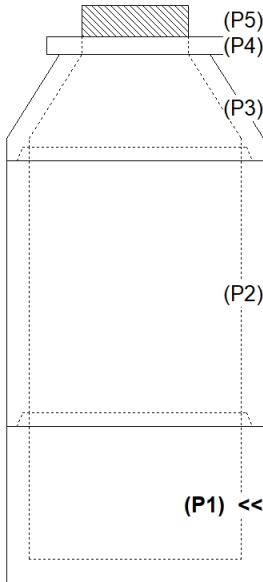
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (JBS 1150 F/C)
- REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 528' Rim to Invert: 10.3' Slack: 0.604" Sump: 2.004" Step Position: 247.5°

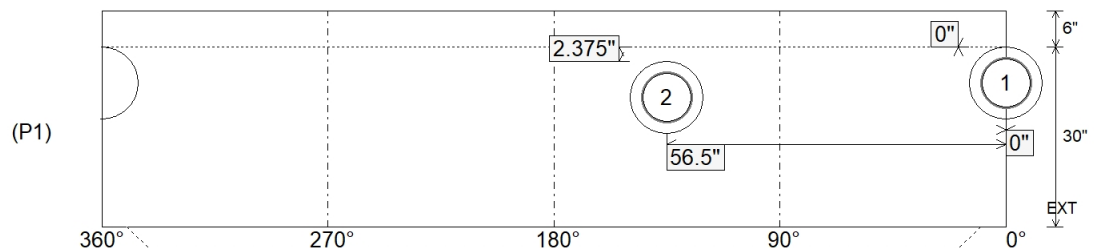
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	517.7'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	517.9'	135°	68.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



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

Job Name: 26-2117 - The Preserve at Priest Lake
Job Location: Nashville, TN
Contractor: Bear Construction LLC

Plant: 100

8/27/2026 2:55:26 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: 5 SS-MH

P1A MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 7"
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
1) CASTING - JBS 1150 F/C SANITARY
2) 48" - Conseal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
9) MH Step ML-10-TDS-NCR - 10"

0 lb
270 lb
1297 lb
4192 lb
3330 lb
0 lb
0 lb
1440 lb
250 lb
0 lb
16 lb
0 lb

Structure Total: 10795 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (JBS 1150 F/C)
- REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 528' Rim to Invert: 10.3' Slack: 0.604" Sump: 2.004" Step Position: 247.5°

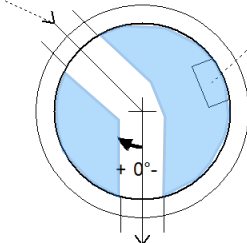
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	517.7'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	517.9'	135°	68.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2
Degree: 135°
Horz: 56.5"
Hole: 12"
Up(): 2.375"

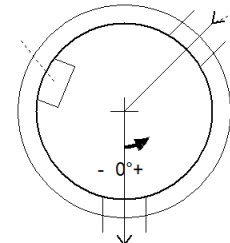
Step: 247.5°
Horz: 103.625"



Invert: 1
Degree: 0°
Horz: 0"
Hole: 12"
Up(): 0"

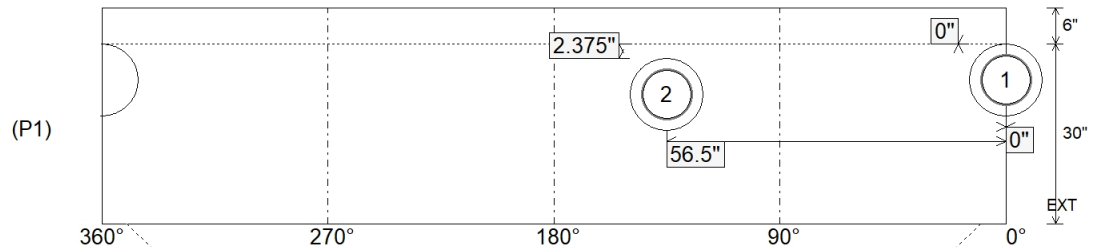
FOR INVERT ONLY

Step: 247.5°
Horz: 103.625"



Invert: 1
Degree: 0°
Horz: 0"
Hole: 12"
Up(): 0"

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