

Job Name: 26-2117 - The Preserve at Priest Lake

Job Location: Nashville, TN

Contractor: Bear Construction LLC

Plant: 100

8/27/2026 2:55:25 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: 3 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"

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

1) 48" - Conseal CS-102 1.00" (Double)

1) PSX - 12-08 NYLO

4) MH Step ML-10-TDS-NCR - 10"

0 lb

1297 lb

3378 lb

0 lb

0 lb

1440 lb

250 lb

0 lb

8 lb

0 lb

Structure Total: 6373 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).

- TOP SLAB = H20 LOADING.

- RISER/WALLS (As .12)

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 522.95'

Rim to Invert: 4.95'

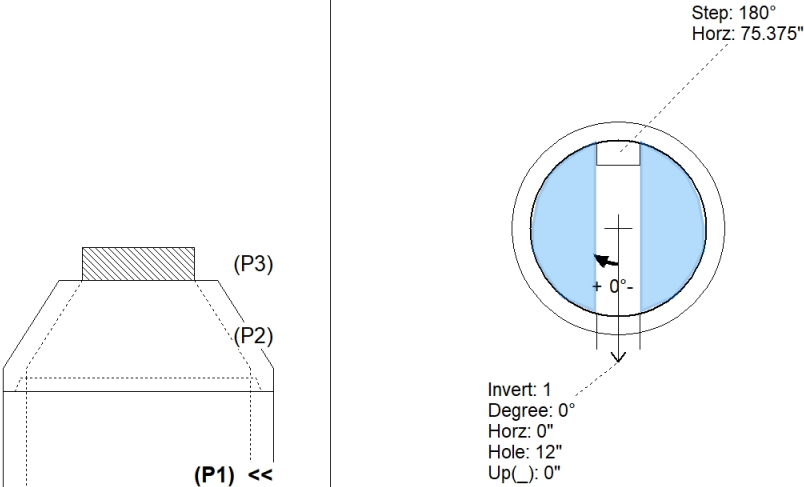
Slack: 0.404"

Sump: 2.004"

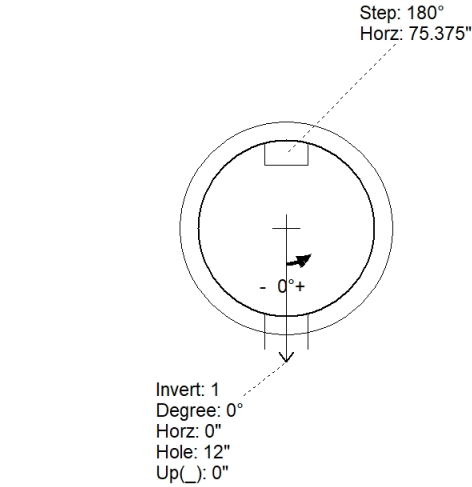
Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	518'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

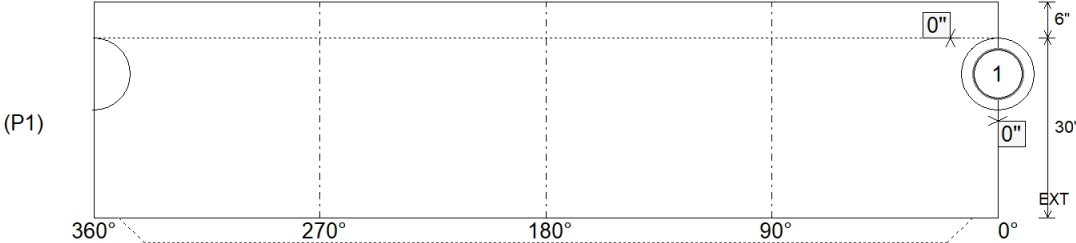
RIGHT-SIDE UP VIEW (int. dimensions)



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): 3378 lb

Volume (Net): 0.86cu.yd

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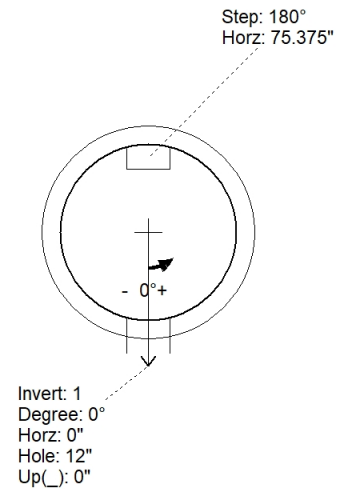
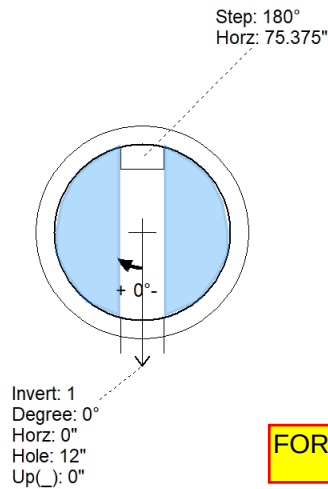
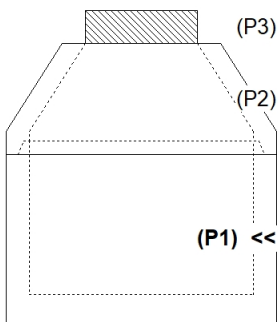
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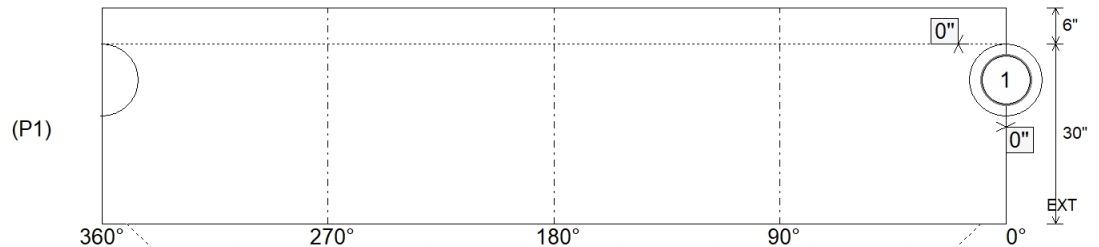
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