

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

Job Location: Nashville, TN

Contractor: Bear Construction LLC

Plant: 100

8/27/2026 2:55:50 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: 5 SS-MH

P2 MH048RS60CDARED

MH RISER w/ConBlock-CDA Red T/G

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'

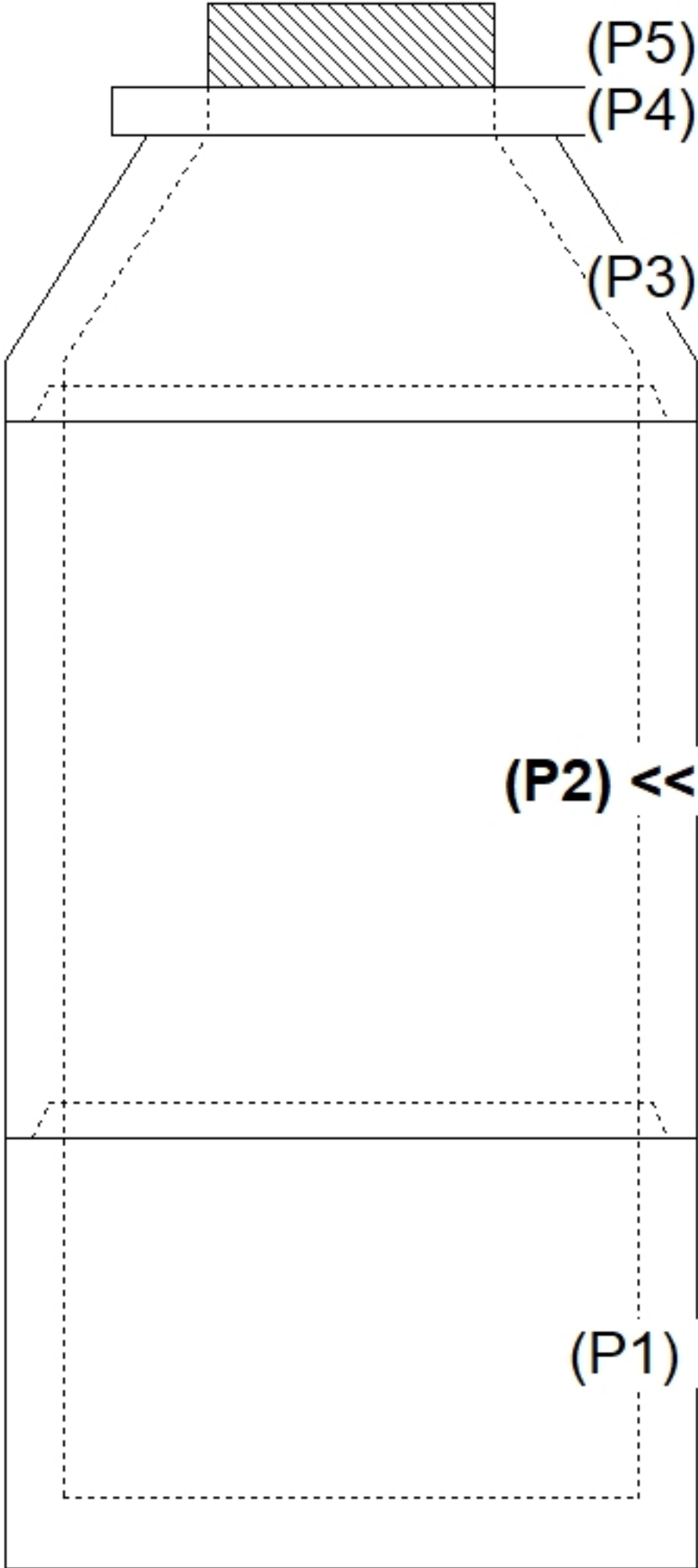
Rim to Invert: 10.3'

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										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



(P5)

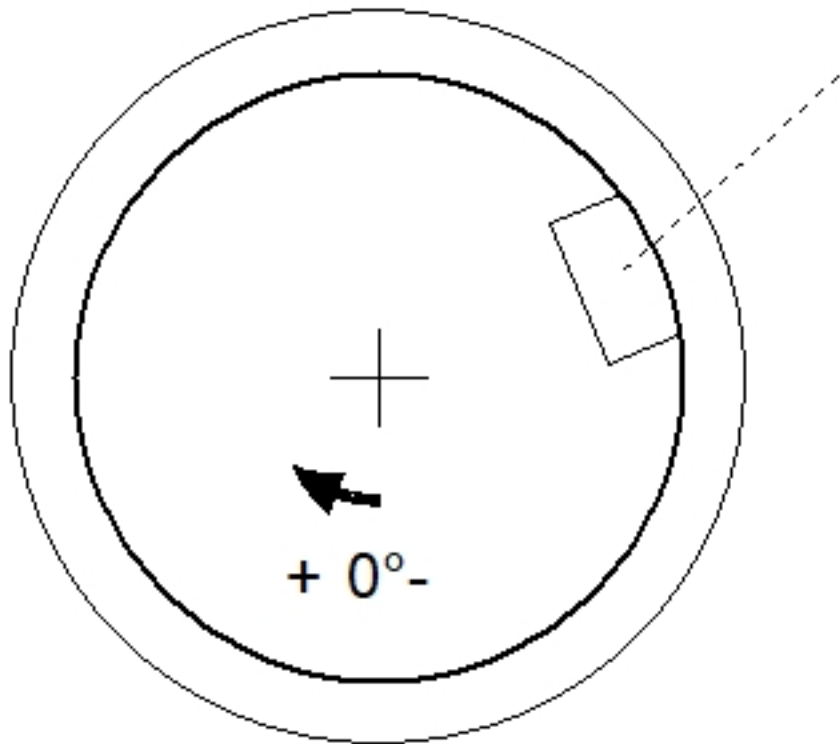
(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

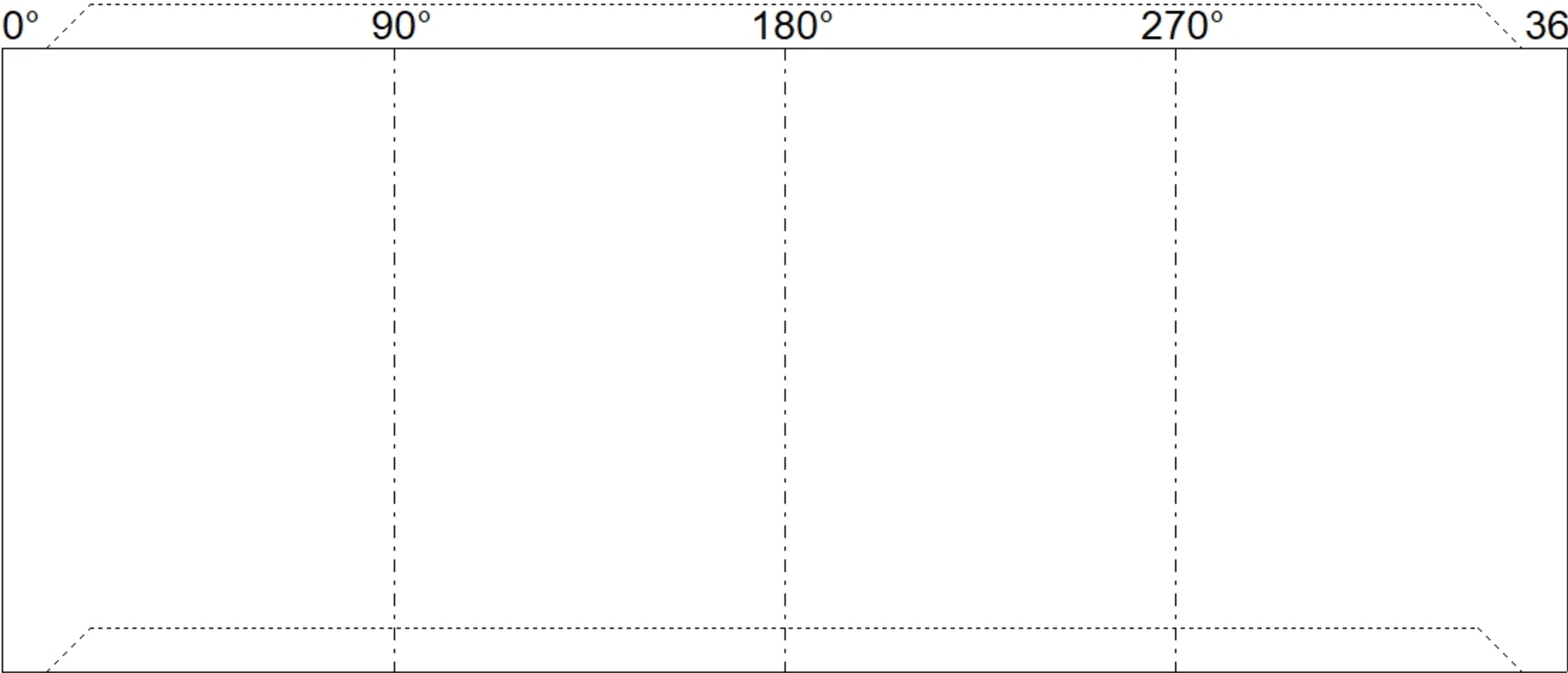


Step: 247.5°

Horz: 103.625"

+ 0°-

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

EXT

60"

(P2)

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 60"

Height (Ext): 60"

Weight (Net): 4192 lb

Volume (Net): 1.07cu.yd