

Job Name: 26-3236 Hillpointe Residential

Job Location: Nashville, TN

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

8/26/2026 9:26:45 AM

Tech: S. Felletter

PC: T. Ryan



Structure ID: G2

P3MH120RS96

MH RISER NO STEPS T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 120" - MH FLAT LID w/24in CON Hole F/G - 18"

P3) 120" - MH RISER NO STEPS T/G - 96"

P2) 120" - MH RISER NO STEPS T/G - 96"

P1) 120" - MH MONOBASE 12F, Custom Ht T/n - 34"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) ASSEMBLY REQUIRED - BRACKETS ONLY

1) CASTING - HOE MC-375 F/C Storm

3) 120" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

2) Hole - 38

0 lb

16678 lb

34343 lb

36468 lb

28862 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 116622 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. CASTING BY ICAST (HOE MC-375 F/C "STORM").

4. ASSEMBLY REQUIRED - BRACKETS ONLY.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62)

BOTTOM MAT #5 BARS AT 6" C.C.E.W.

TOP MAT #4 BAR AT 12" O.C.E.W.

- RISER/WALLS (As .36)

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 446.1'

Rim to Invert: 7.44'

Slack: 0.28"

Sump: 162"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	438.66'	0°	0"	30" HDPE	35.1"	Hole 38	38"	38.666"	22"	0"
Invert 2	438.66'	233°	288.73"	30" HDPE	35.1"	Hole 38	38"	38.666"	22"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

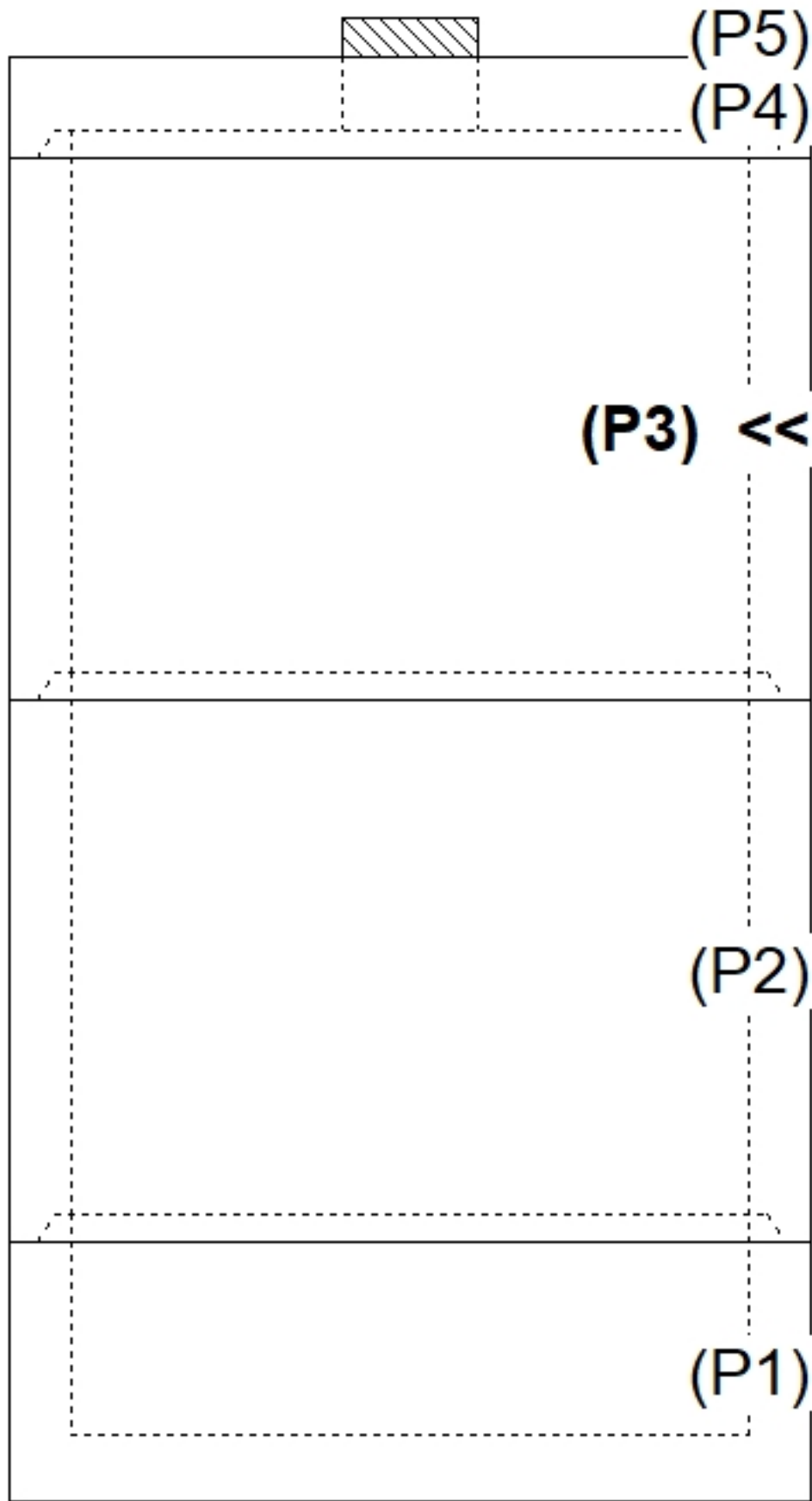
(P5)

(P4)

(P3) <<

(P2)

(P1)



INVERT: 1

Degree: 0°

Horz: 0"

Hole: 38"

Up(⌋): 22"

INVERT: 2

Degree: 233°

Horz: 243.997"

Hole: 38"

Up(⌋): 22"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

243.997"

1

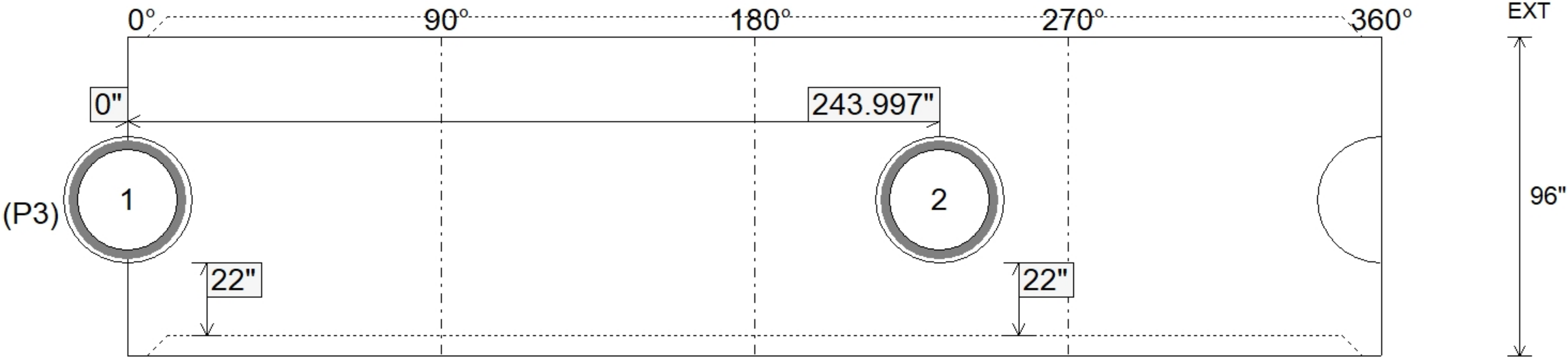
2

22"

22"

EXT

96"



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 11"

Floor Height: 0"

Height (Int): 96"

Height (Ext): 96"

Weight (Net): 34343 lb

Volume (Net): 8.77cu.yd