

Job Name: 26-3009 ADS FedEx Mt. Juliet

Job Location: Mt. Juliet, TN

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/23/2026 8:35:30 AM

Tech: S. Felletter

PC: T. Ryan



Structure ID: S07

P3 MH096RSVF

MH RISER Custom Ht F/G

P5) 24" - CASTING HEIGHT - 7"

P4) 96" - MH FLAT TOP w/ 24" Conc. Hole F/F - 10"

P3) 96" - MH RISER Custom Ht F/G - 57"

P2) 96" - MH RISER T/G - 66"

P1) 96" - MH BASE Custom Ht T/n - 40"

1) ASSEMBLY REQUIRED - BRACKETS ONLY

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

3) 96" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 30

0 lb

8185 lb

13117 lb

16442 lb

16817 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 54831 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. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.

5. ASSEMBLY REQUIRED - BRACKETS ONLY.

6. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED PRIOR TO INTERNAL INSTALLATION/DELIVERY

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .24)

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

Rim: 556'

Rim to Invert: 4'

Slack: 0"

Sump: 132"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	552'	0°	0"	24" HDPE	27.8"	Hole 30	30"	30.511"	18"	0"
Invert 2	552'	120°	119.381"	24" HDPE	27.8"	Hole 30	30"	30.511"	18"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

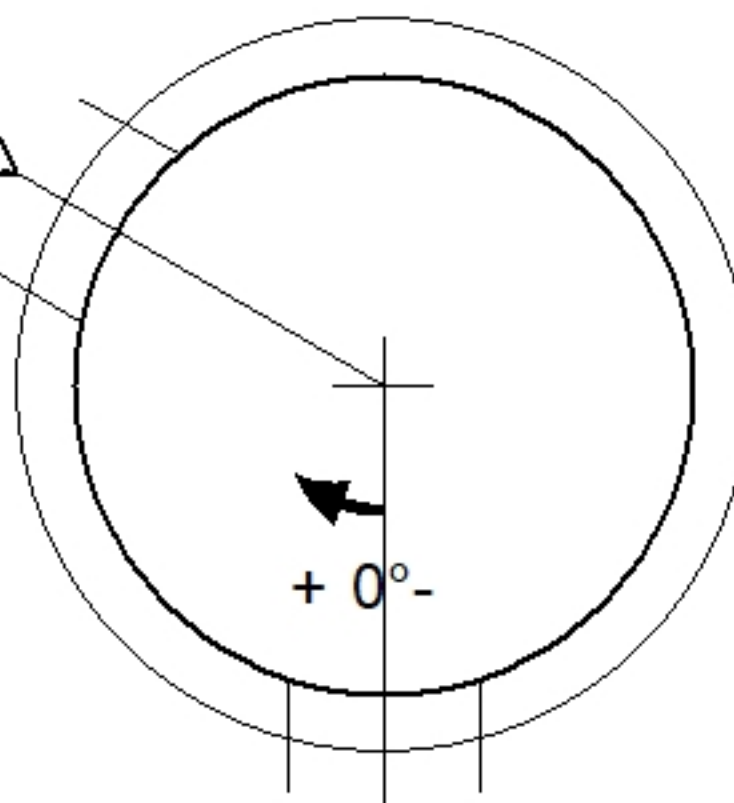
Invert: 2

Degree: 120°

Horz: 100.531"

Hole: 30"

Up(): 18"



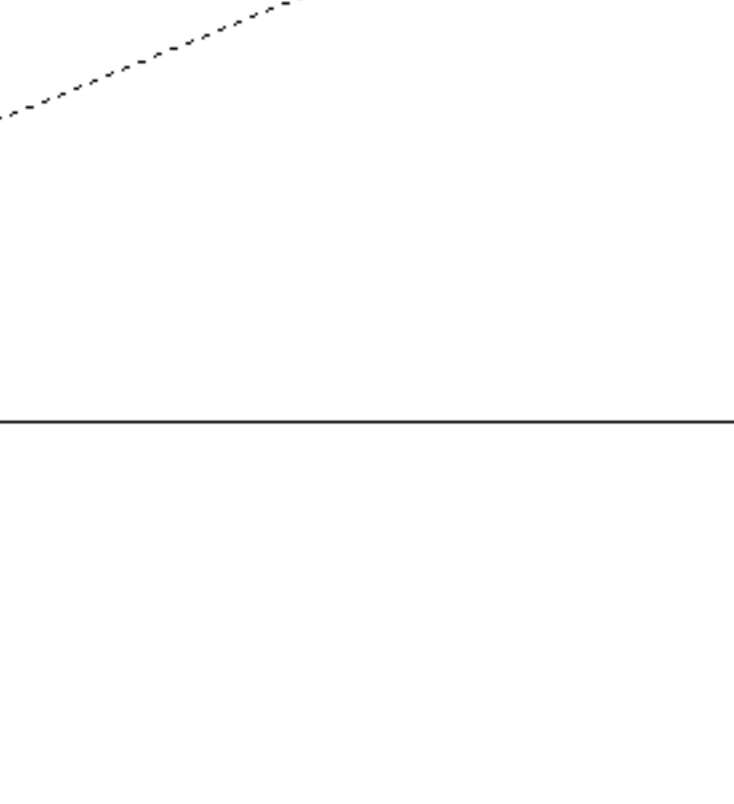
Invert: 1

Degree: 0°

Horz: 0"

Hole: 30"

Up(): 18"



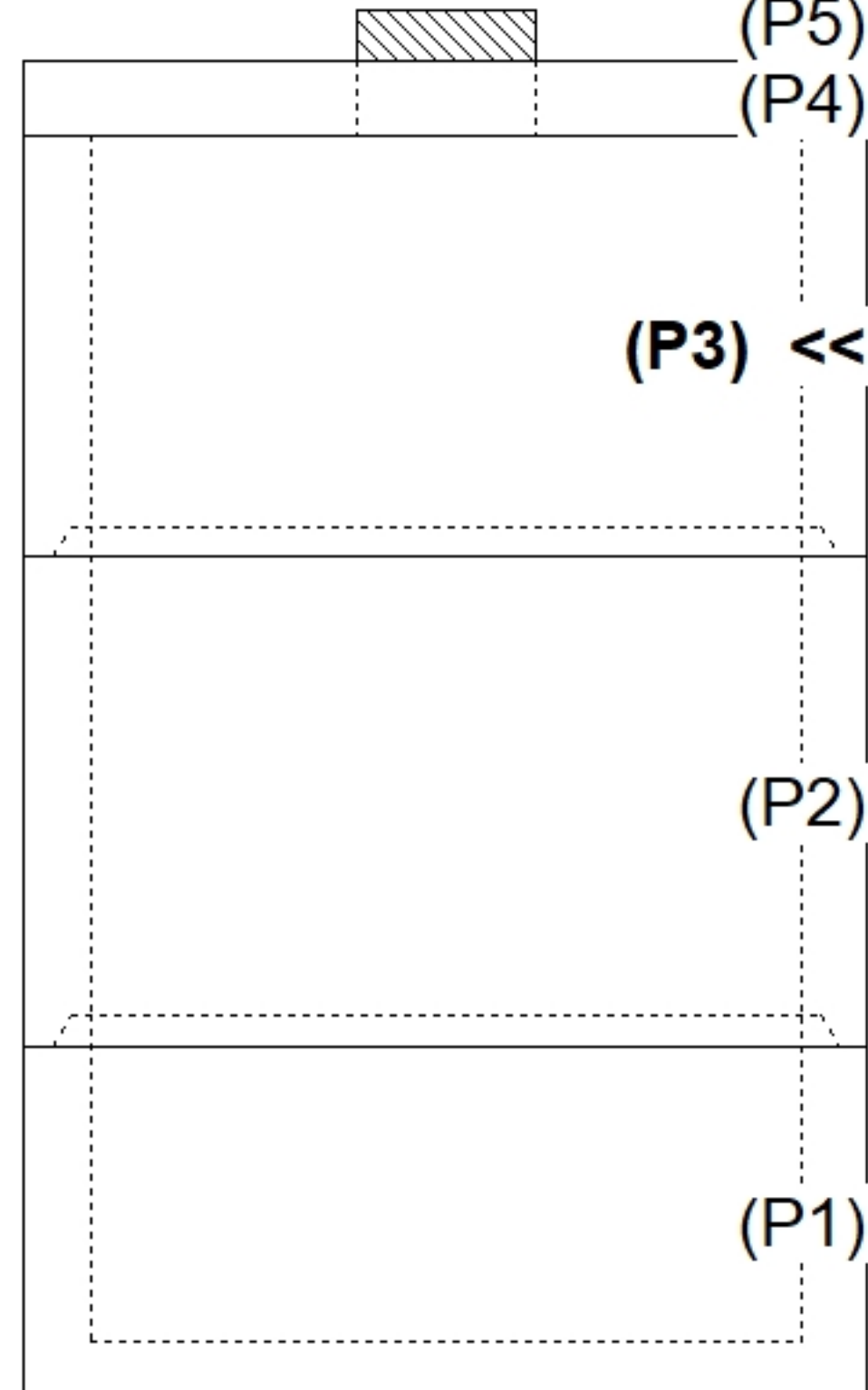
(P5)

(P4)

(P3) <<

(P2)

(P1)



INSIDE WALL DIMENSIONS

0" 0°

100.531"

180°

270°

360°

1

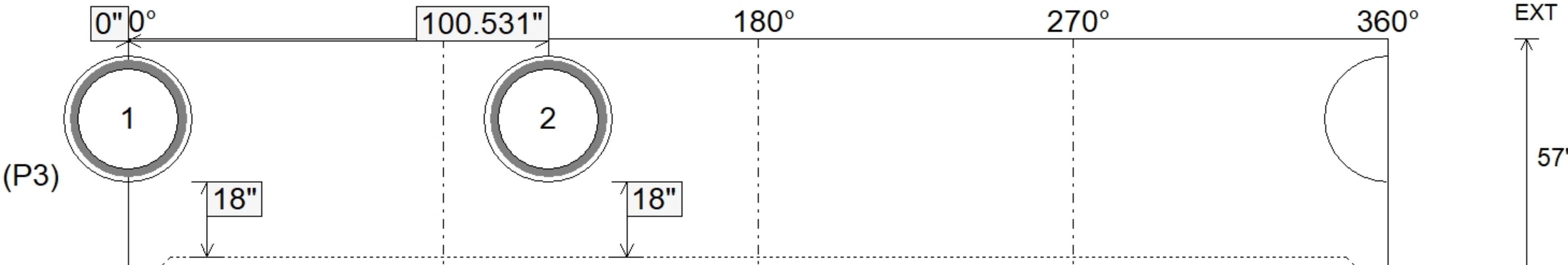
2

18"

18"

EXT

57"



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: Groove

Wall Thickness: 9"

Floor Height: 0"

Height (Int): 57"

Height (Ext): 57"

Weight (Net): 13117 lb

Volume (Net): 3.35cu.yd