

Job Name: 26-3054 ADS Couchville Online

Job Location: Nashville, TN

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/23/2026 12:30:38 PM

Tech: S. Felletter

PC: T. Ryan



Structure ID: WQU3

P4 MH072RSVF

MH RISER Custom Ht T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 72" - MH FLAT LID w/24" CC Hole F/G - 15"

P4) 72" - MH RISER Custom Ht T/G - 25"

P3) 72" - MH RISER T/G - 84"

P2) 72" - MH RISER SPECIAL T/G - 84"

P1) 72" - MH BASE Custom Ht T/n - 20"

1) ASSEMBLY REQUIRED

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

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

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

4) 72" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

5097 lb

3645 lb

12246 lb

11610 lb

6815 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 39683 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.

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REINFORCING PER ASTM A615 (GRADE 60).

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

- RISER/WALLS (As .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 561.01'

Rim to Invert: 12.87'

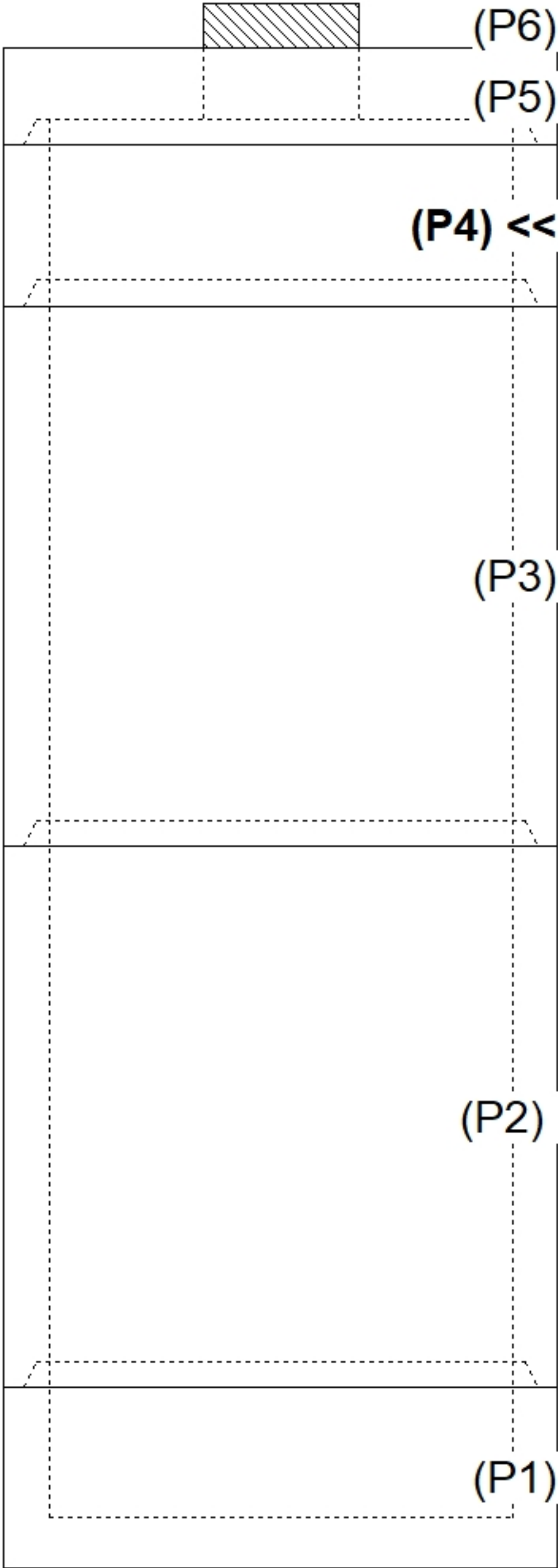
Slack: 0.44"

Sump: 81"

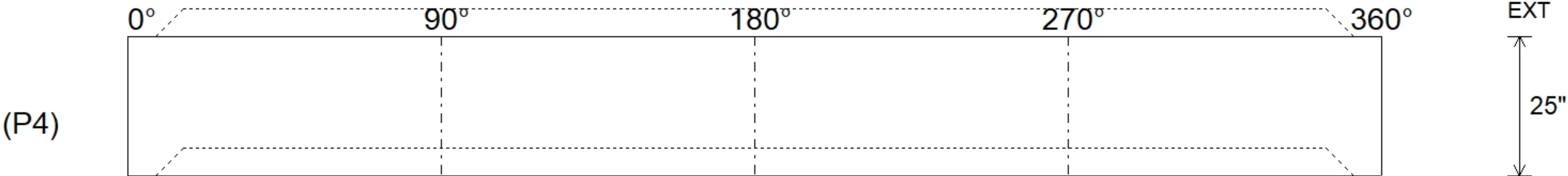
Step Position: 0°

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										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 7"
Floor Height: 0"

Height (Int): 25"
Height (Ext): 25"

Weight (Net): 3645 lb
Volume (Net): 0.93cu.yd