

Job Name: 26-1326 ADS 15 Meritage Homes	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Antioch, TN Contractor: ADS Advanced Drainage Systems, Inc.	2/24/2026 8:39:41 AM	PC: C. Goff	

**Structure ID: WQU1-2**

**P2 MH096RS90**

**MH RISER T/G**

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 96" - MH FLAT TOP w/ 24" Conc. Hole F/G - 17"	10473 lb
P3) 96" - MH RISER T/G - 96"	22518 lb
P2) 96" - MH RISER T/G - 90"	22421 lb
P1) 96" - MH BASE T/n - 24"	12831 lb
1) ASSEMBLY REQUIRED - BRACKETS	0 lb
1) CASTING - HOE MC-375 F/C Storm	271 lb
3) 96" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 34	0 lb
<b>Structure Total:</b>	<b>68513 lb</b>

**Structure Notes:**

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- CASTING BY ICAST (HOE MC-375 F/C "STORM").
- LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.

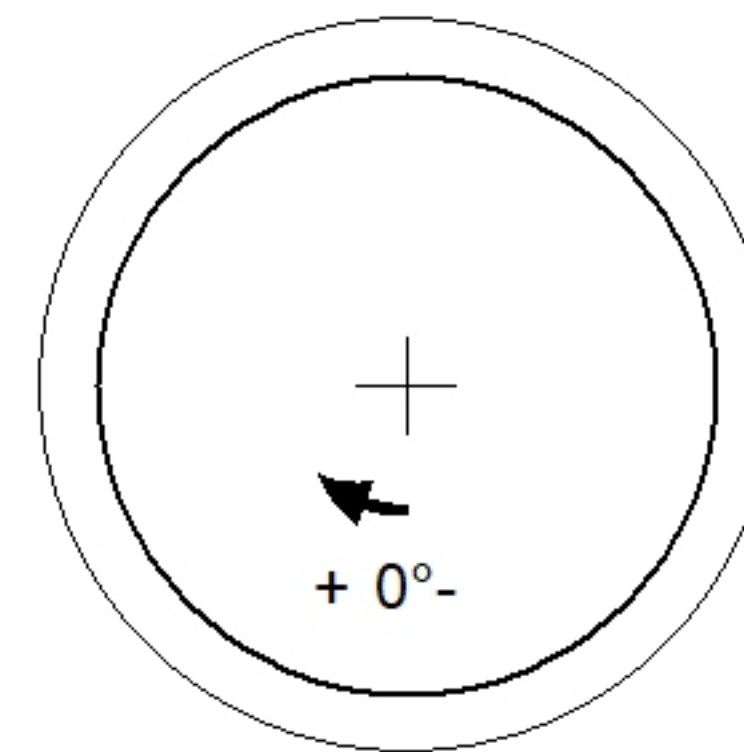
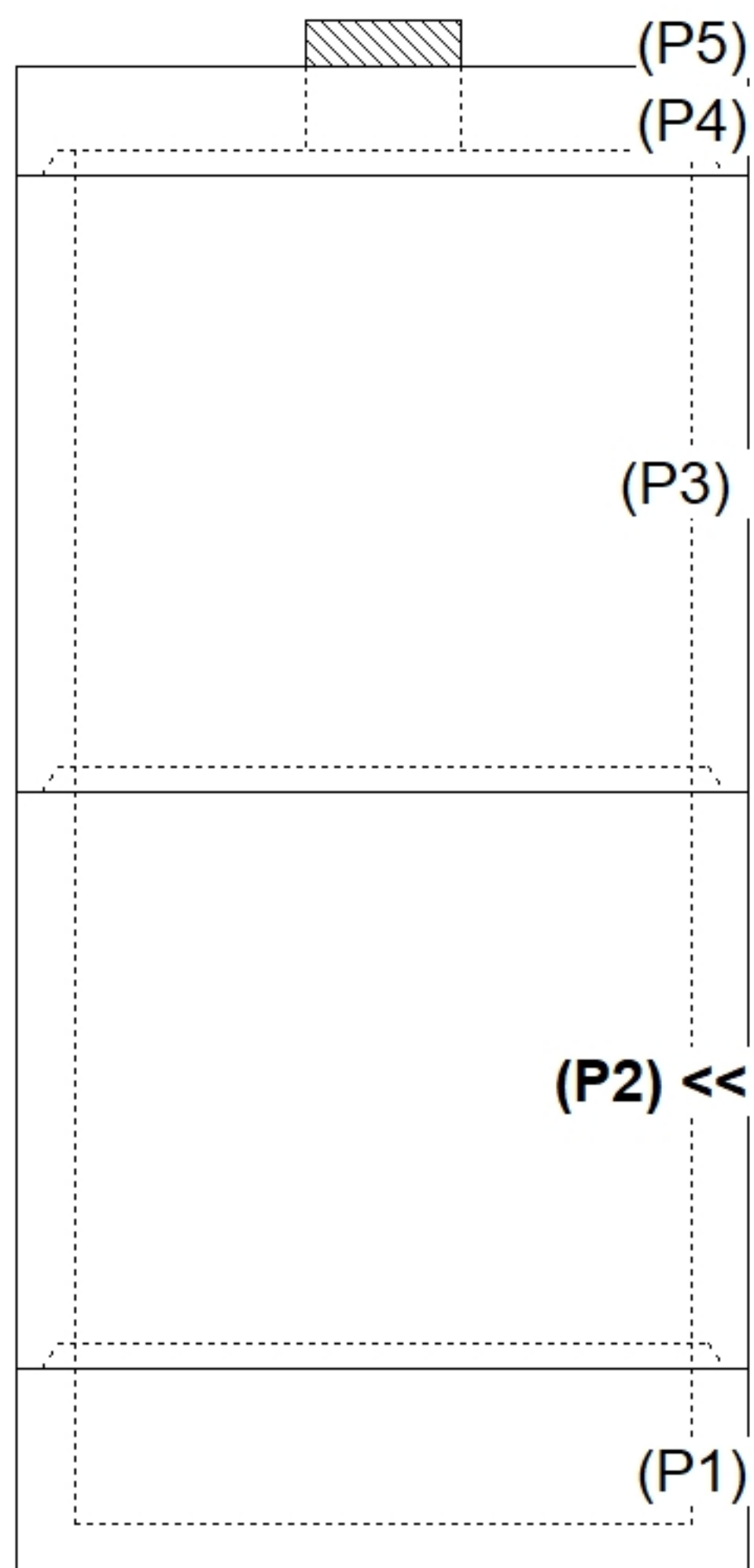
REINFORCING PER ASTM A615 (GRADE 60).

- 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.

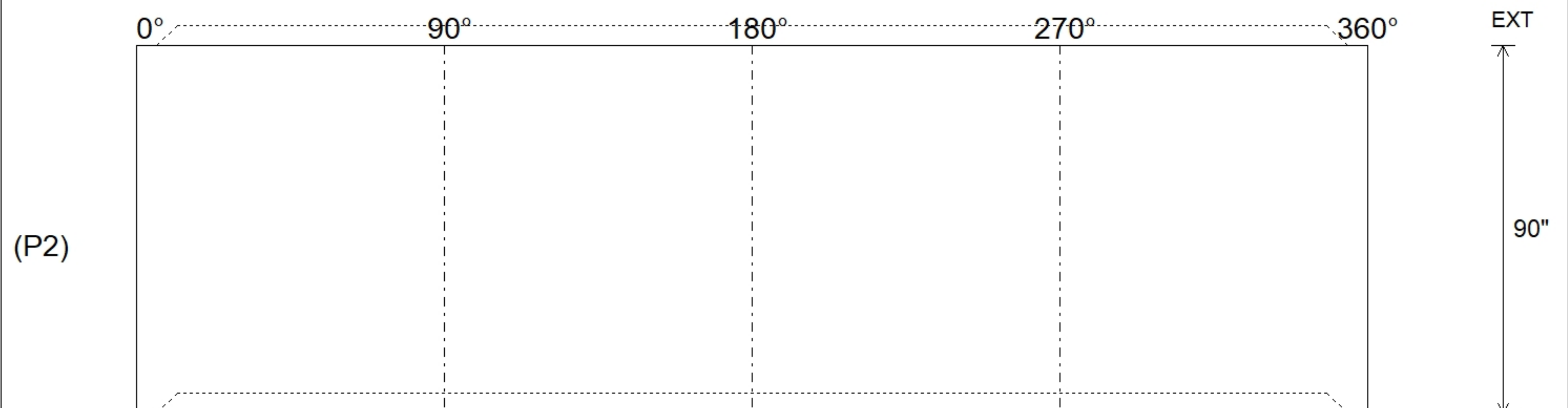
Rim: 615.31'    Rim to Invert: 8.56'    Slack: 0.72"    Sump: 132"    Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	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):	Seam Up: Tongue	Wall Thickness: 9"	Height (Int): 90"	Weight (Net): 22421 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 90"	Volume (Net): 5.73cu.yd