

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 8:39:50 AM	PC: C. Goff	

Structure ID: WQU5-6

P4 MH120RSVF

MH RISER Custom Ht T/G

P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 120" - MH FLAT LID w/24in CON Hole F/G - 18"	16678 lb
P4) 120" - MH RISER Custom Ht T/G - 44"	16714 lb
P3) 120" - MH RISER T/G - 96"	34772 lb
P2) 120" - MH RISER T/G - 96"	36468 lb
P1) 120" - MH BASE T/n - 24"	25064 lb
1) ASSEMBLY REQUIRED - BRACKETS	0 lb
1) CASTING - HOE MC-375 F/C Storm	271 lb
4) 120" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 34	0 lb
Structure Total:	129967 lb

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.

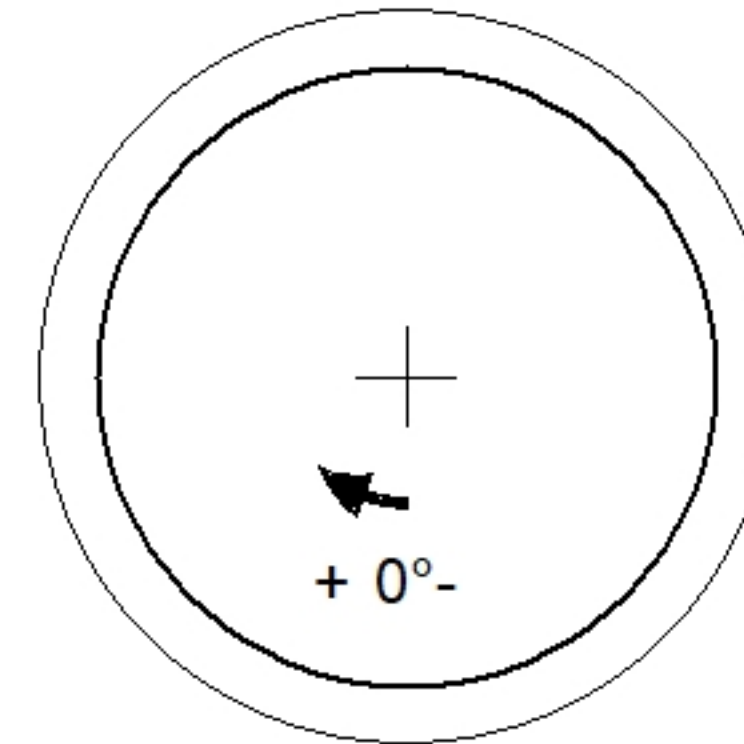
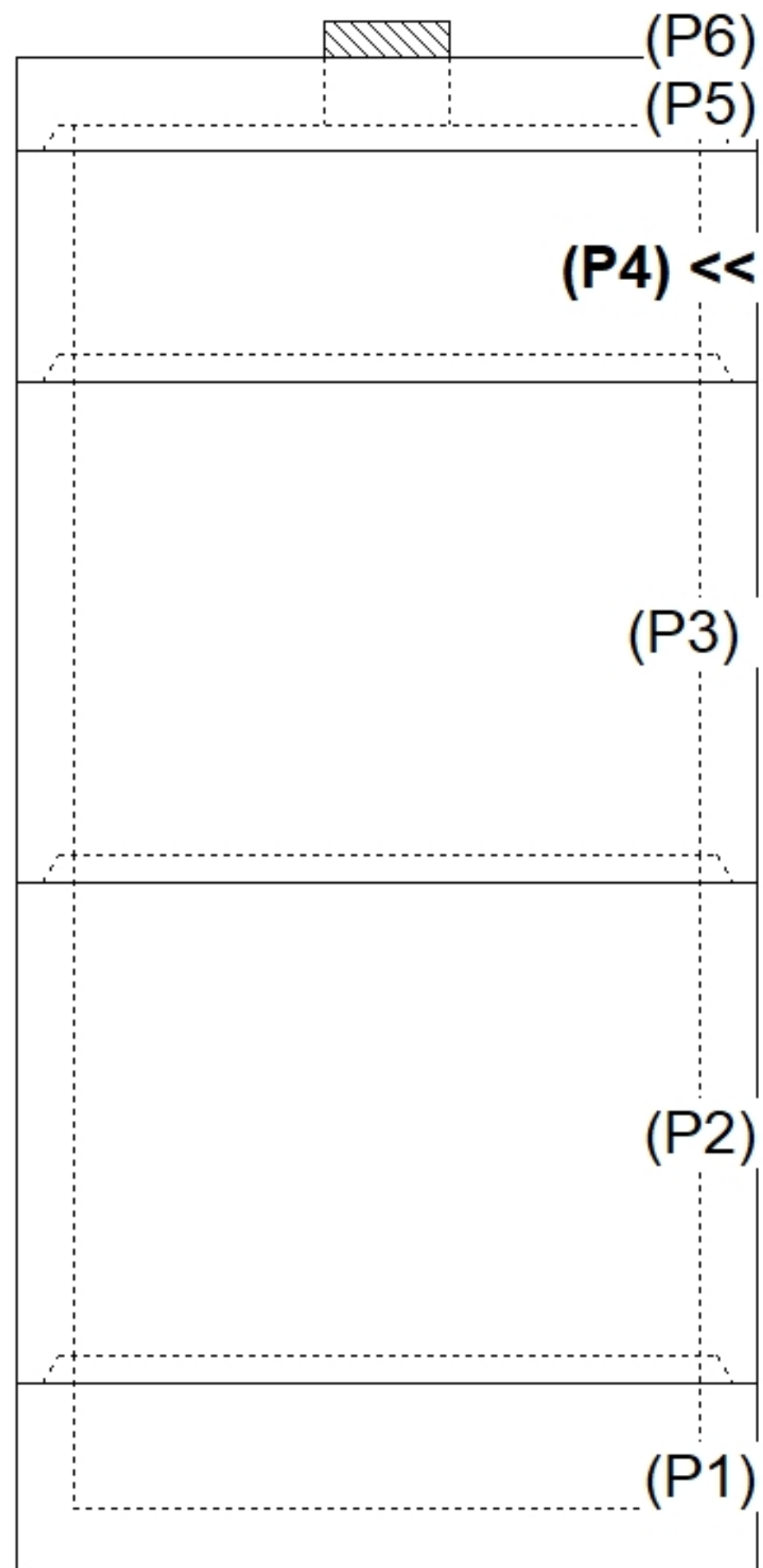
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

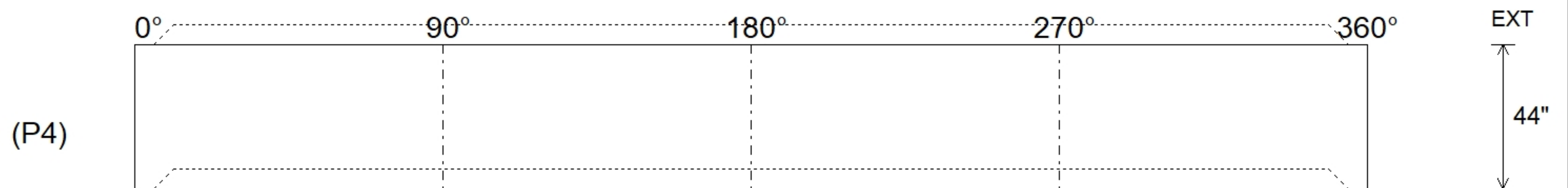
Rim: 606.51' Rim to Invert: 10.26' Slack: 0.12" Sump: 162" Step Position:

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: 11"	Height (Int): 44"	Weight (Net): 16714 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 44"	Volume (Net): 4.27cu.yd