

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:02:11 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

**Structure ID: AF**

**P1 MH048BAVF**

**MH BASE Custom Ht F/n**

P3) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"	1044 lb
P1) 48" - MH BASE Custom Ht F/n - 38"	3156 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 3080-V SET (F/G/H)	500 lb
2) Hole - 30	0 lb
1) Hole - 24	0 lb
<b>Structure Total:</b>	<b>4700 lb</b>

**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO STEPS AND NO INVERT CHANNEL.  
 4. CASTING BY I-CAST (JBS 3080-V SET F/G/H).

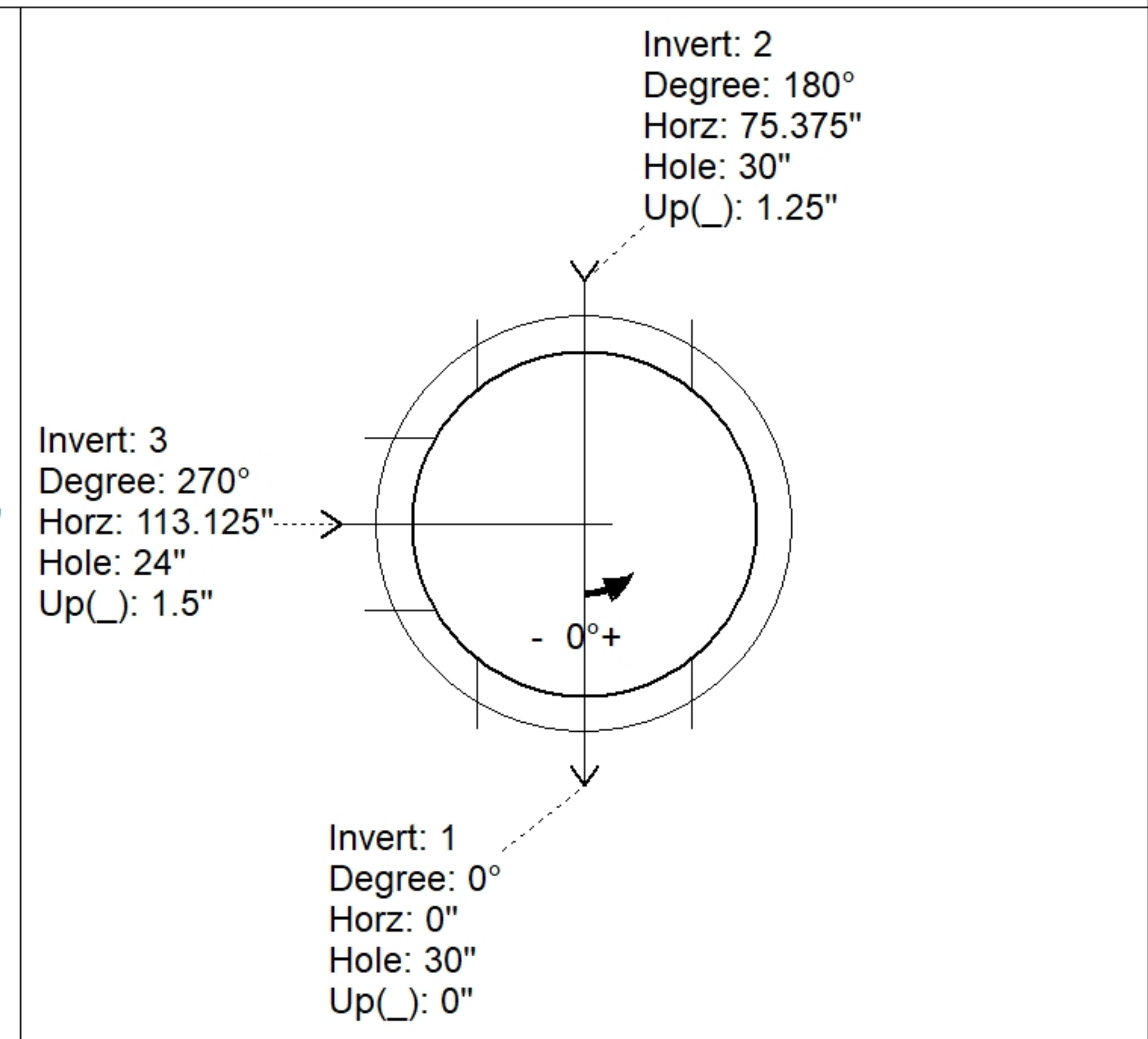
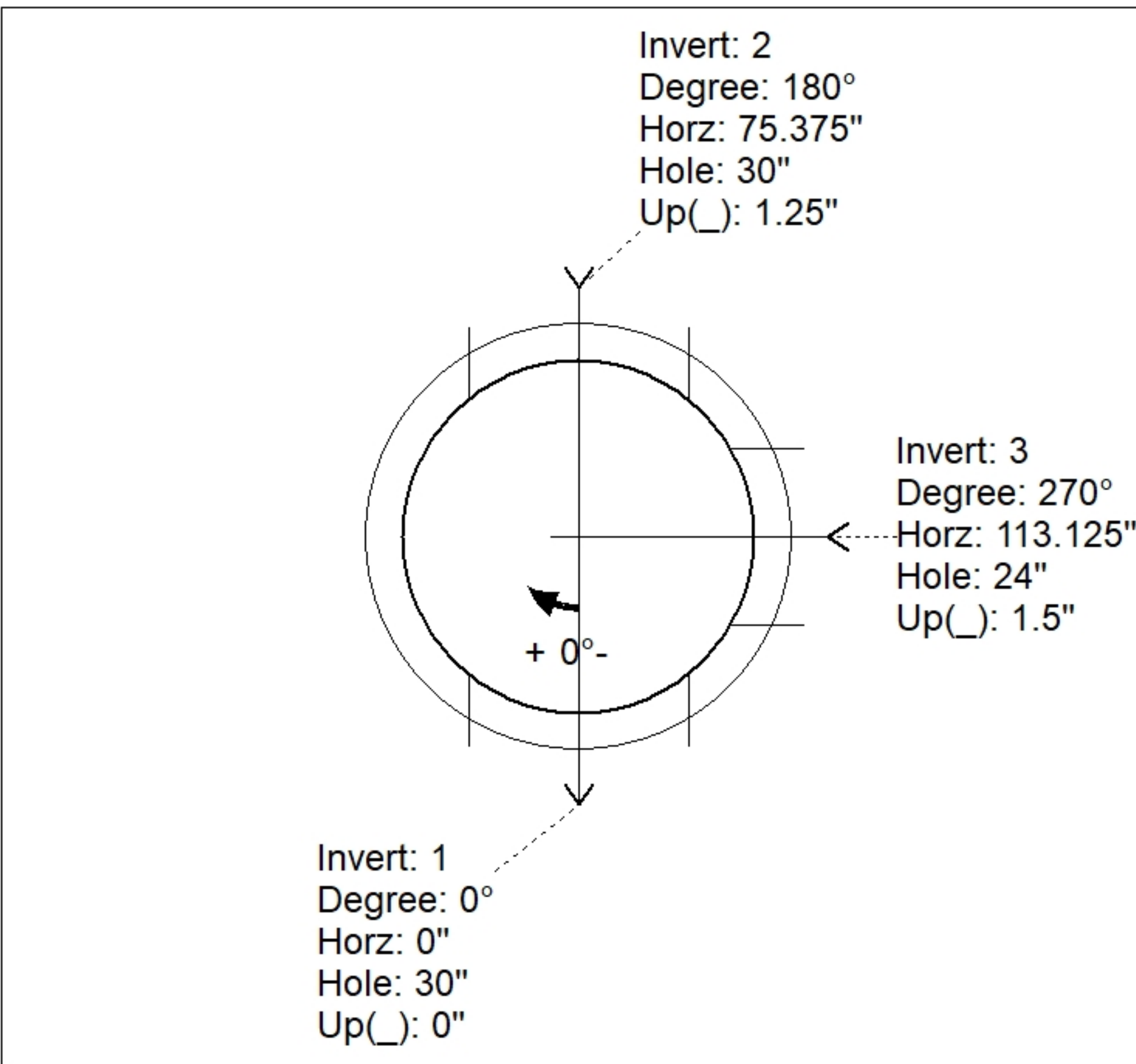
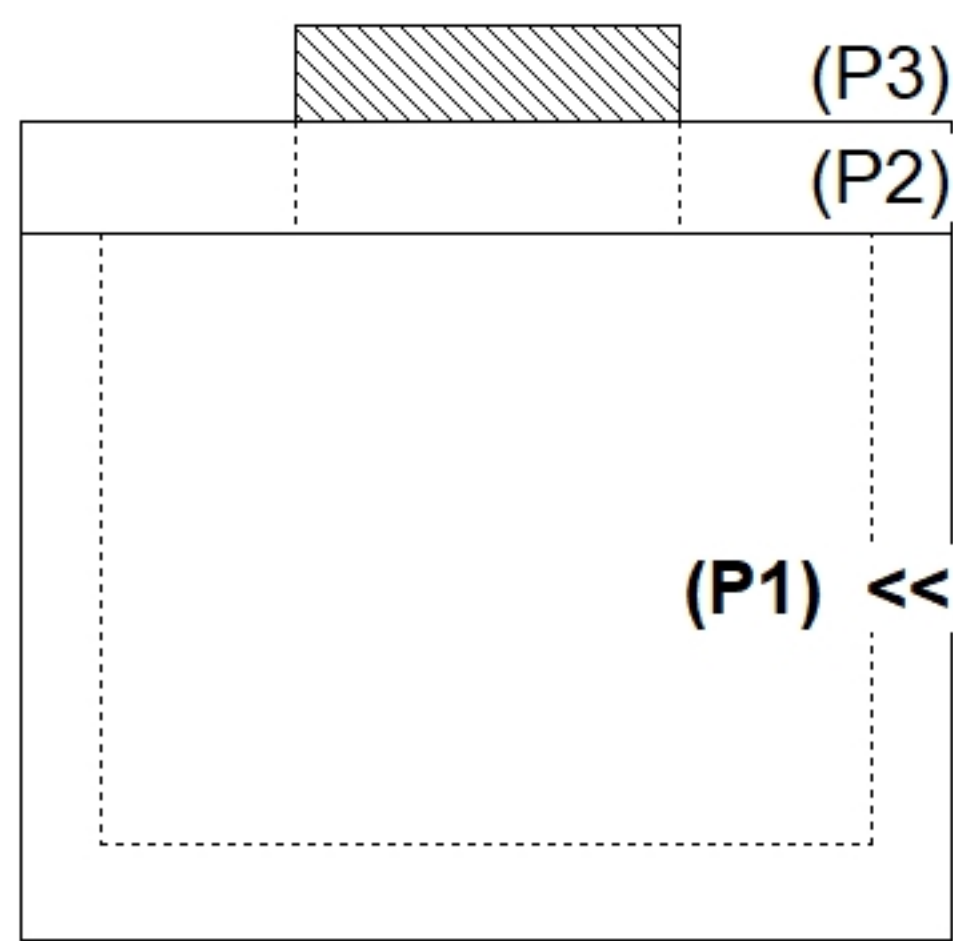
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 507.24' Rim to Invert: 4.15' Slack: 0.7" Sump: 1.9" Step Position:

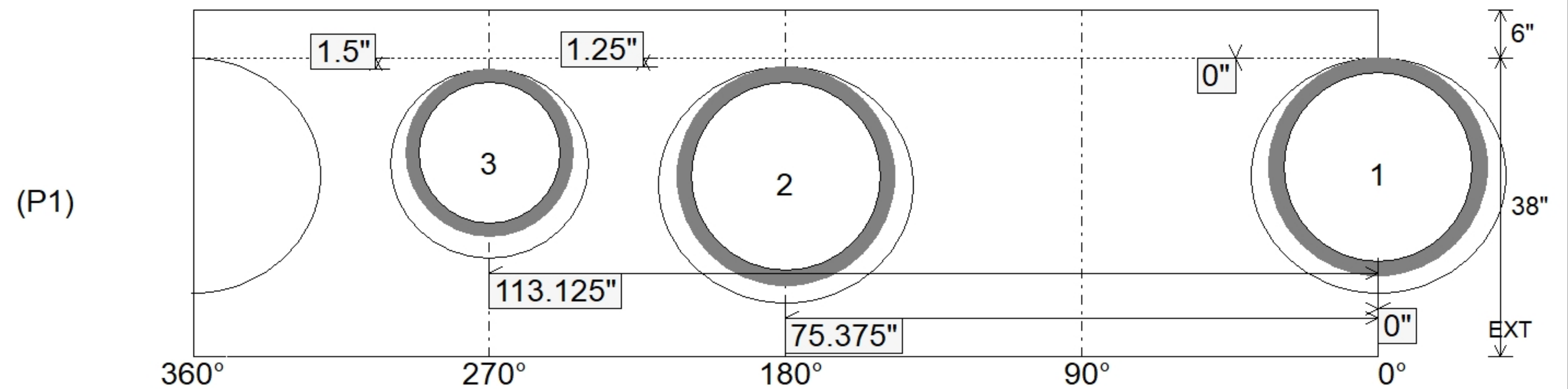
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	503.09'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 2	503.19'	180°	91.125"	24" HDPE	27.8"	Hole 30	30"	32.406"	1.25"	0"
Invert 3	503.19'	270°	136.625"	18" HDPE	21.2"	Hole 24	24"	25.133"	1.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 5"	Height (Int): 38"	Weight (Net): 3156 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 44"	Volume (Net): 0.81cu.yd