

**Structure ID: 105 (108+80)**

**P1 MH108BA96**

**MH BASE T/n**

P7) 24" - CASTING HEIGHT - 7" P6) 24" - GRADE RING F/F - 4" P5) 108" - MH FLAT TOP w/24" ECC Hole F/G - 17" P4) 108" - MH RISER T/G - 66" P3) 108" - MH RISER T/G - 96" P2) 108" - MH RISER T/G - 96" P1) 108" - MH BASE T/n - 96" 1) CASTING - EJ 1925 F/C 4) 108" - Conseal CS-102 1.00" 2) Hole - 75 1) Hole - 40 30) MH Step ML-10-TDS-NCR - 10"	0 lb 270 lb 10472 lb 20531 lb 29863 lb 29863 lb 33685 lb 250 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 124932 lb
---	---

**Structure Notes:**  
 \*\*INDOT STATE PROJECT\*\*  
 1. INDOT MH TYPE M / ASTM C478 SPEC'S.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO INVERT CHANNEL.  
 4. CASTING BY ICAST (INDOT TY.4 / EJ 1925 F/C).

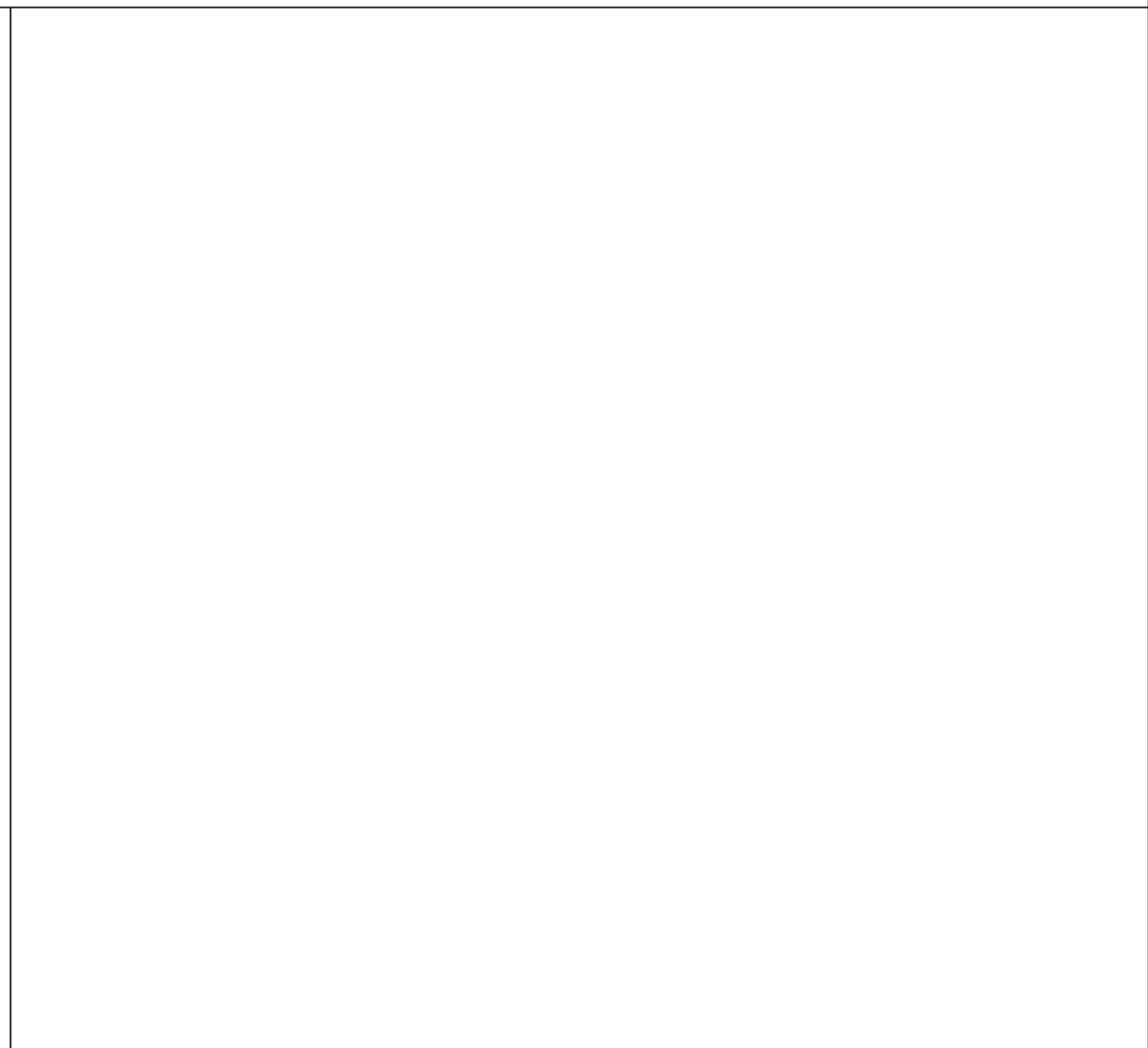
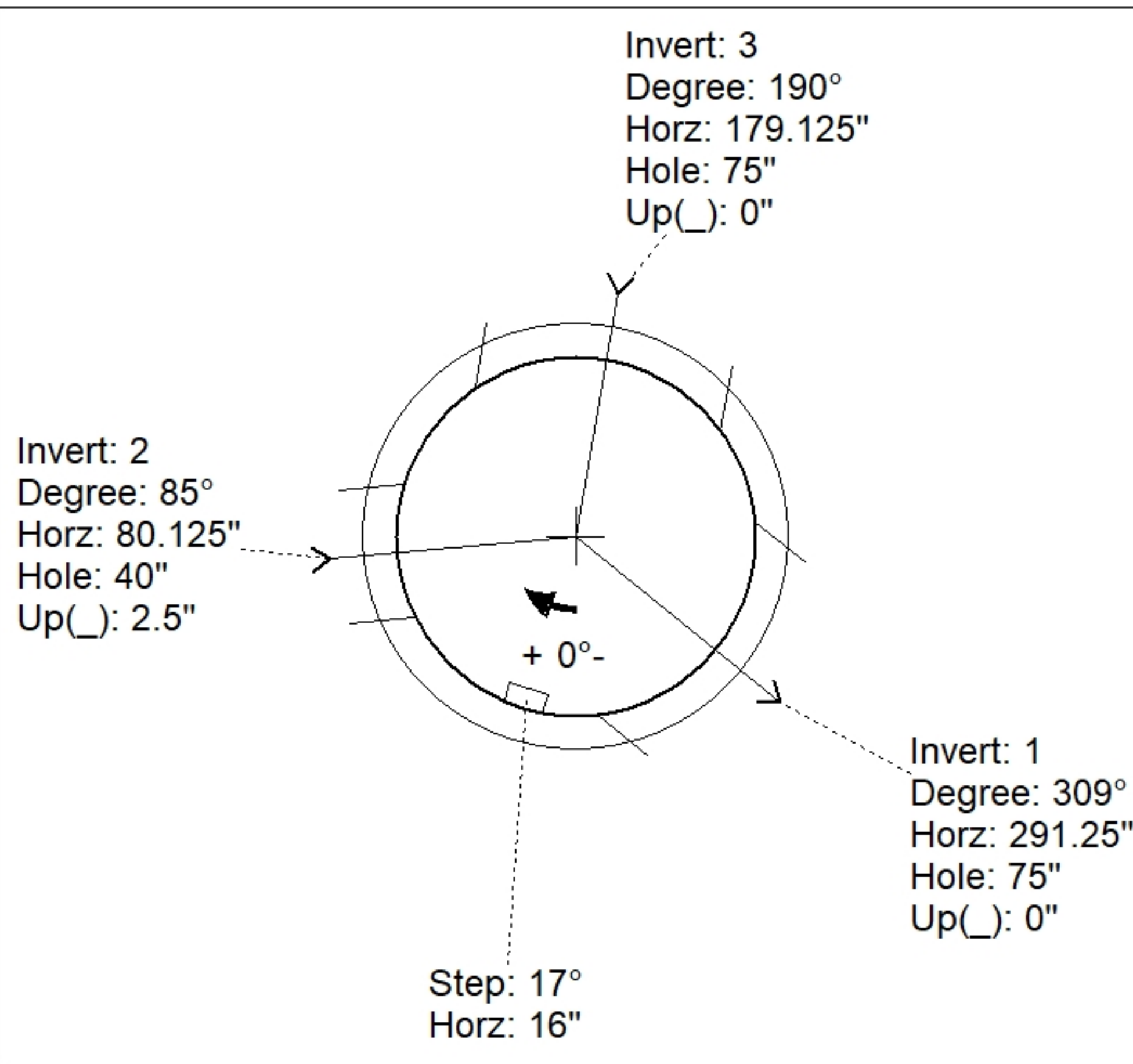
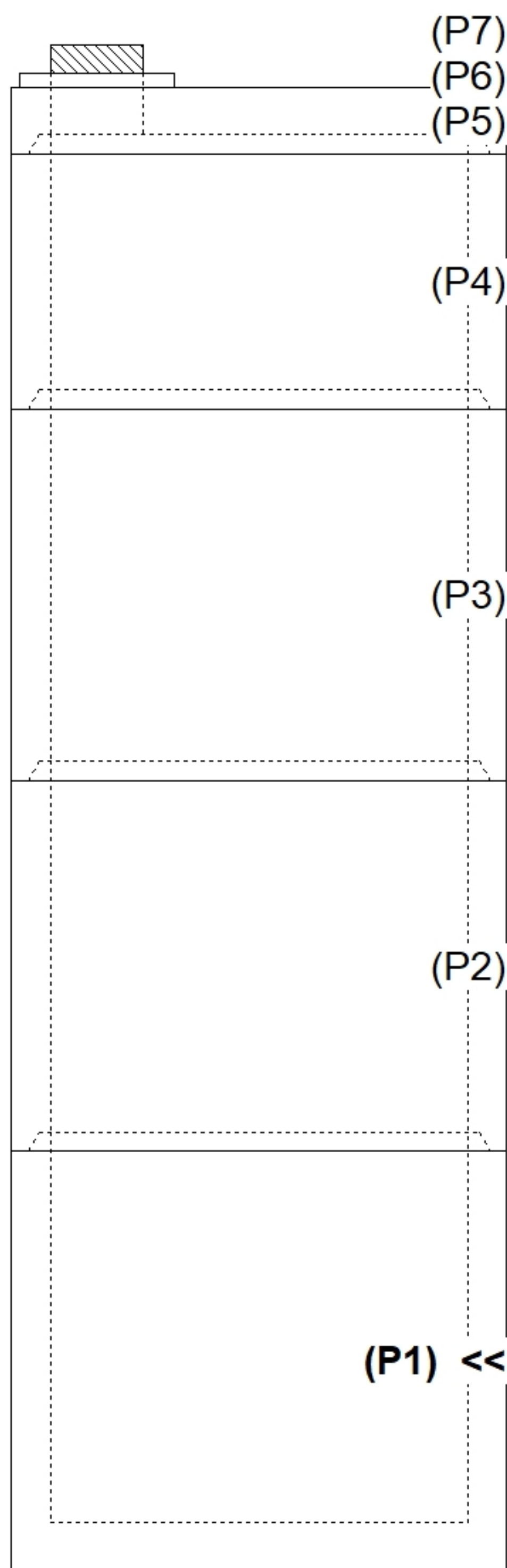
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB = H20 LOADING.  
 - RISER/WALLS (As .30)  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 391.5'    Rim to Invert: 31.48'    Slack: 1.76"    Sump: 6"    Step Position: 17°

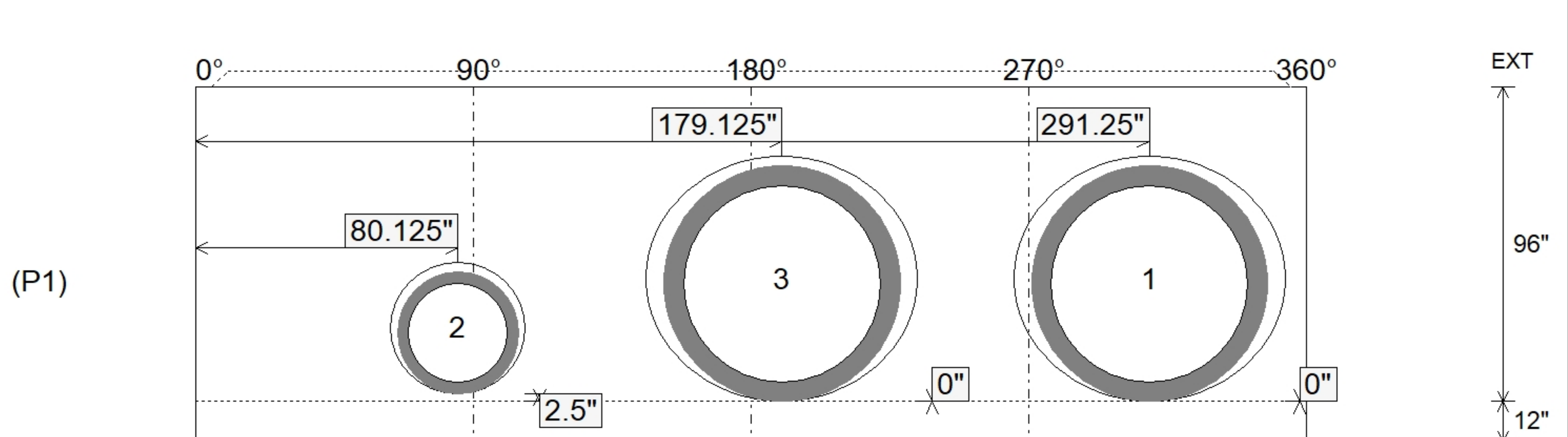
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	360.02'	309°	345.125"	60" RCP B WALL	72"	Hole 75	75"	82.906"	0"	0"
Invert 2	360.02'	85°	95"	30" RCP B WALL	37"	Hole 40	40"	40.976"	2.5"	0"
Invert 3	360.02'	190°	212.25"	60" RCP B WALL	72"	Hole 75	75"	82.906"	0"	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: Tongue	Wall Thickness: 10"	Height (Int): 96"	Weight (Net): 33685 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 12"	Height (Ext): 108"	Volume (Net): 8.6cu.yd