

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:01:54 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

**Structure ID: Q**

**P1 BX3648-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht F/n**

P3) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P2) 36" x 48" - BX FLAT LID 8inW w/24"x36" HOLE F/F - 8"	1654 lb
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"	6028 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 3080-V SET (F/G/H)	500 lb
1) 36" x 48" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 38	0 lb
2) Hole - 30	0 lb
<b>Structure Total:</b>	<b>8182 lb</b>

**Structure Notes:**

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

REINFORCING PER ASTM A615 (GRADE 60).

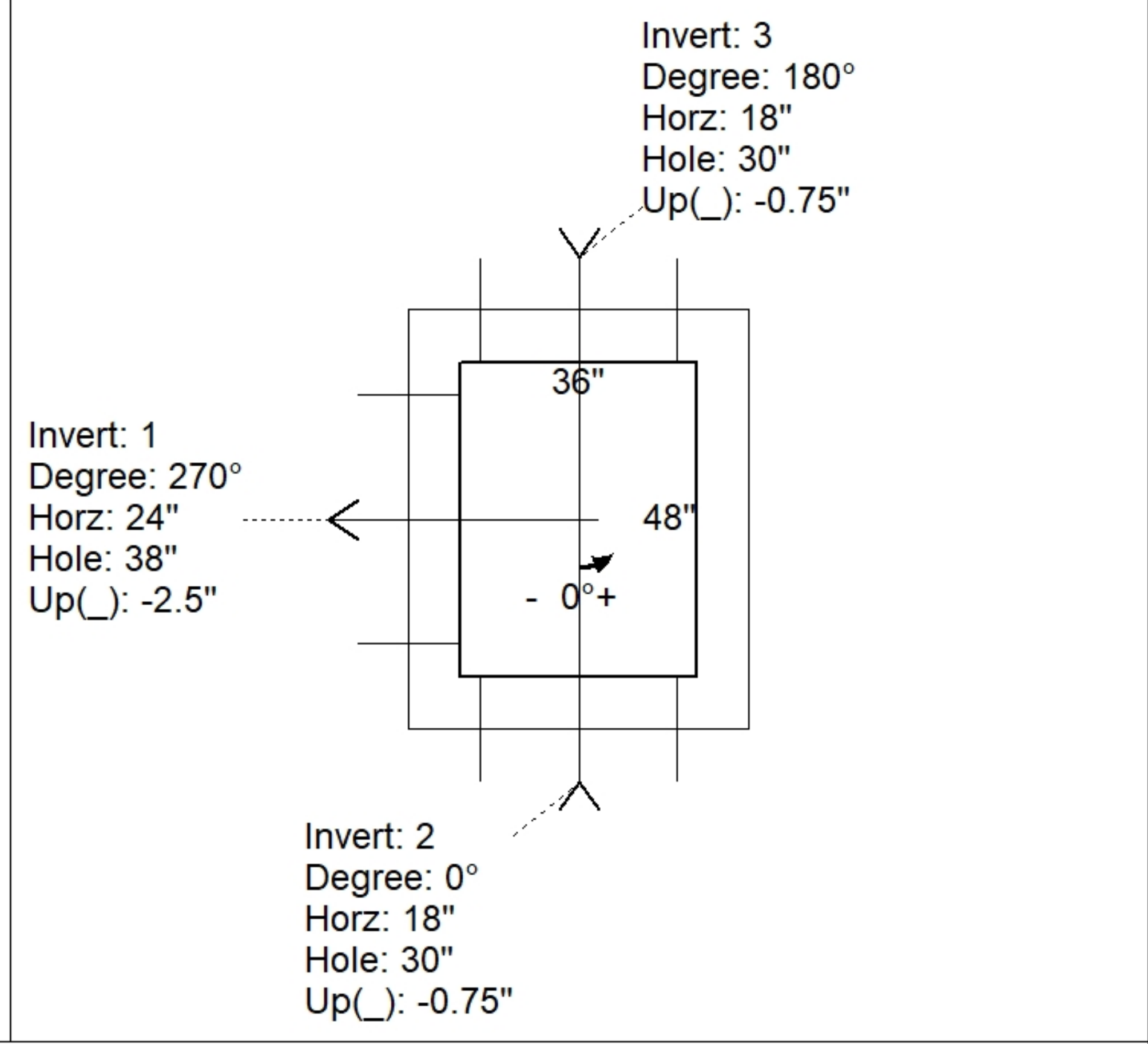
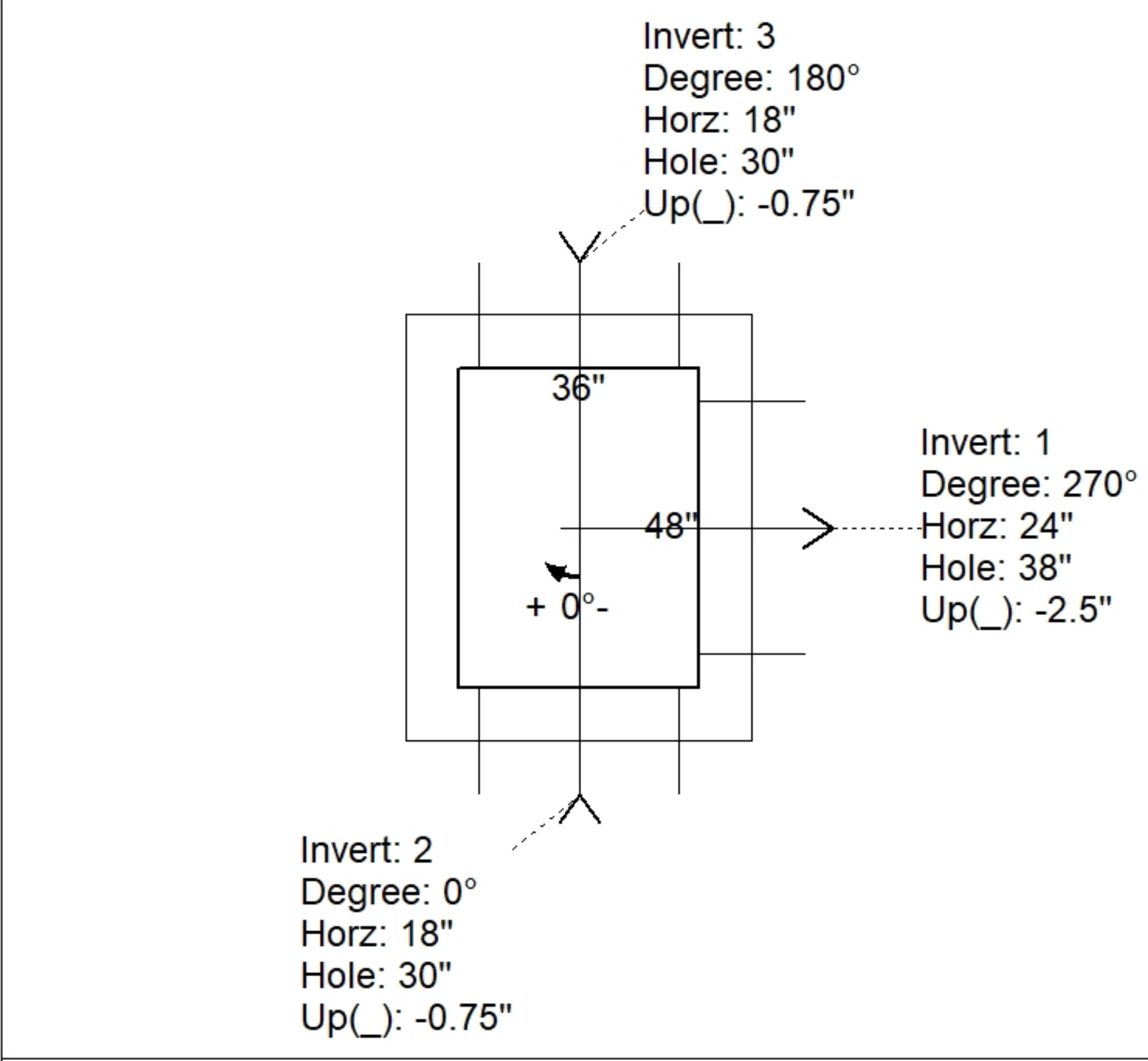
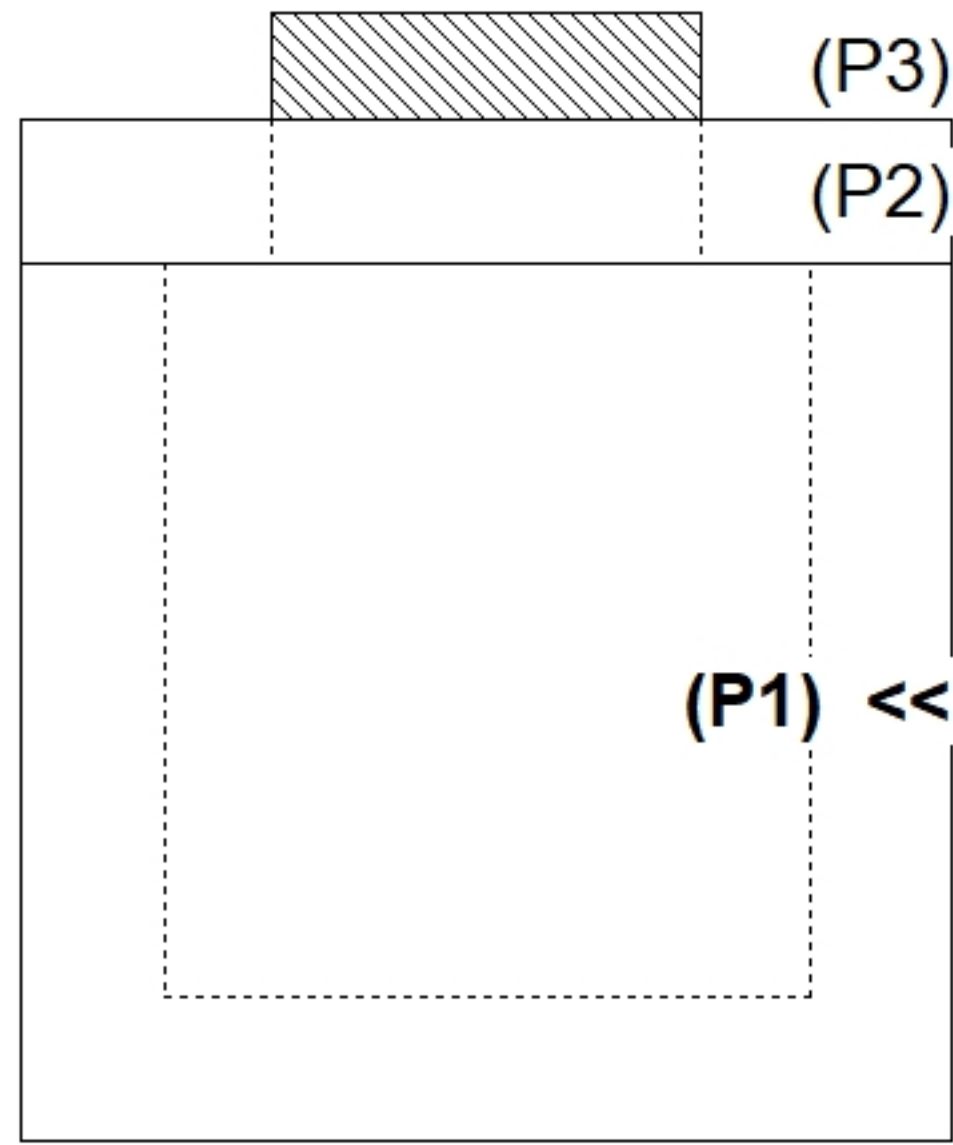
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 503.32' Rim to Invert: 4.6' Slack: 0.2" Sump: 0" Step Position:

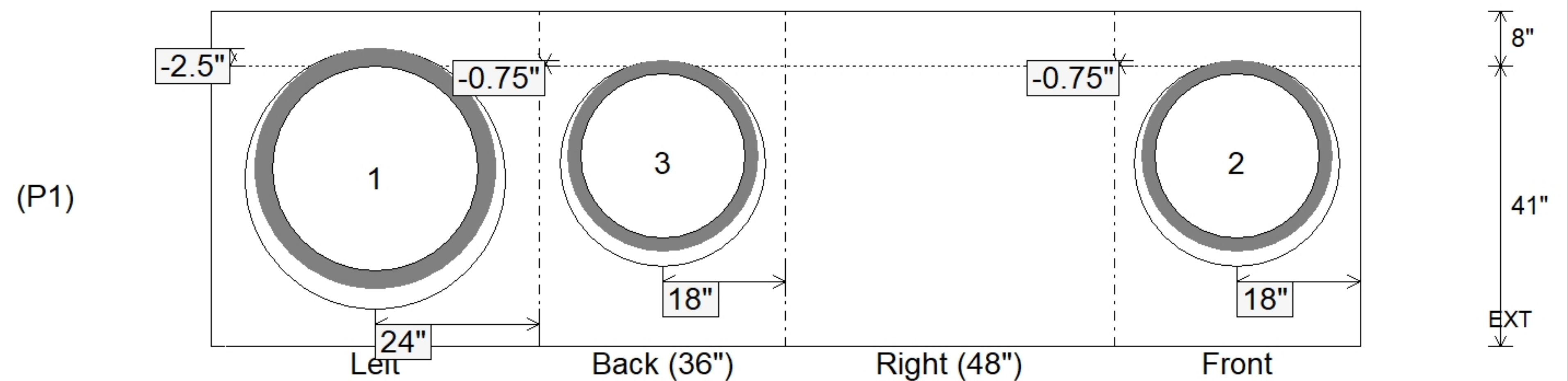
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	498.72'	270°	32"	30" HDPE	35.1"	Hole 38	38"	38"	-2.5"	0"
Invert 2	498.82'	0°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-0.75"	0"
Invert 3	498.82'	180°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-0.75"	0"
Invert 4										
Invert 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: 8"	Height (Int): 41"	Weight (Net): 6028 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 49"	Volume (Net): 1.54cu.yd