

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:01:56 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

**Structure ID: S**

**P1 BX36108-06W06F-BAVF**

**BOX BASE 6inW, 6inF, Variable Ht F/n**

P3) 28" x 28" - CASTING HEIGHT (CI TRPL) - 6"	0 lb
P2) 36" x 108" - BX FLAT LID 6inW w/(3) 28"x28" HOLES F/F - 8"	1425 lb
P1) 36" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 44"	8812 lb
1) Conseal CS-102 1.00" (Single)	0 lb
3) CASTING - JBS 3080-V SET (F/G/H)	1500 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 38	0 lb
<b>Structure Total:</b>	<b>11737 lb</b>

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO STEPS AND NO INVERT CHANNEL.
  4. CASTING BY I-CAST (3 ea. - JBS 3080-V SET F/G/H).

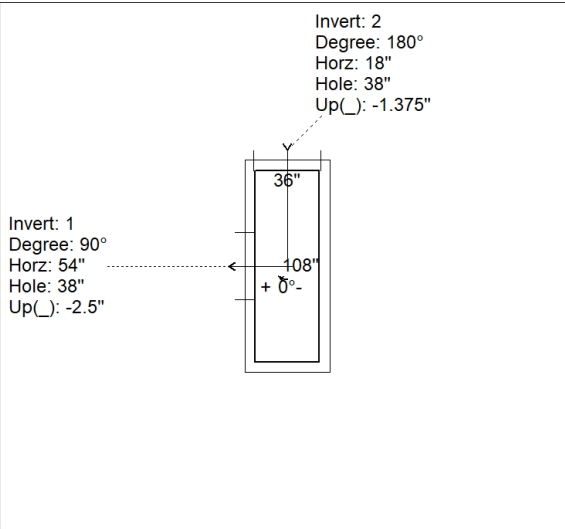
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 499.86' Rim to Invert: 4.84' Slack: 0.08" Sump: 0" Step Position:

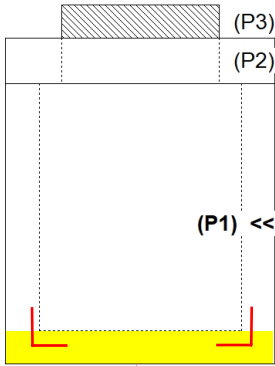
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	495.02'	90°	60"	30" HDPE	35.1"	Hole 38	38"	38"	-2.5"	0"
Invert 2	495.12'	180°	24"	30" HDPE	35.1"	Hole 38	38"	37"	-1.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

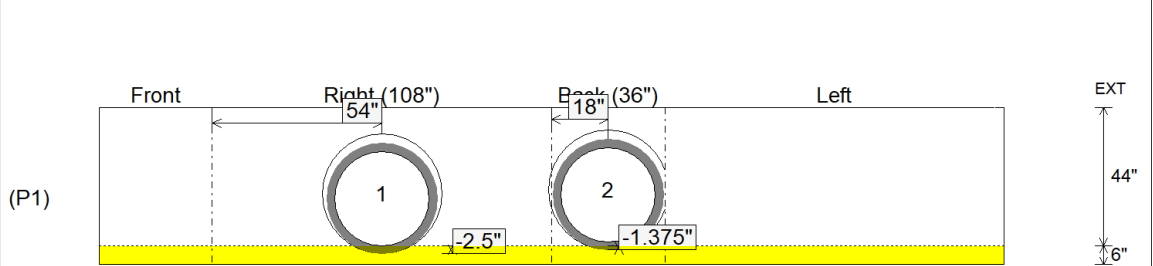
UPSIDE-DOWN VIEW (int. dimenions)



**1ST POUR (FLOOR) = 2,900 LBS**  
**2ND POUR (WALLS) = 5,912 LBS**



INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)**  
**STUB #5 L BARS OUT TOP**  
**FLOOR, SPA AT 12" C/C FOR**  
**CONNECTING WALLS**

Coating (Int):	Seam Up: Flat	Wall Thickness: 6"	Height (Int): 44"	Weight (Net): 8812 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 50"	Volume (Net): 2.25cu.yd

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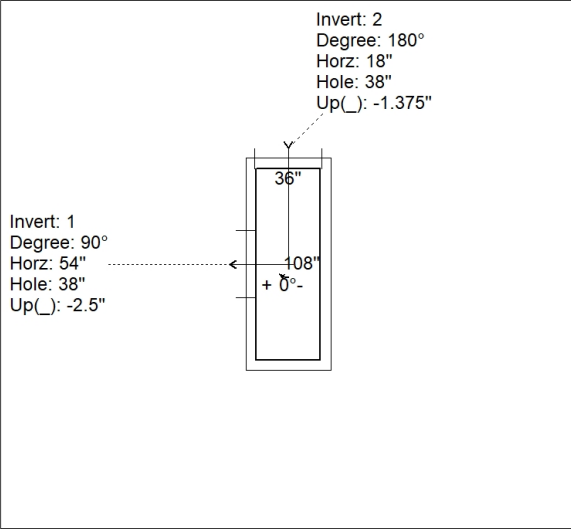
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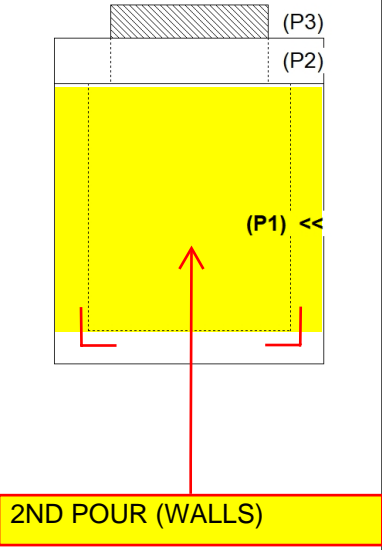
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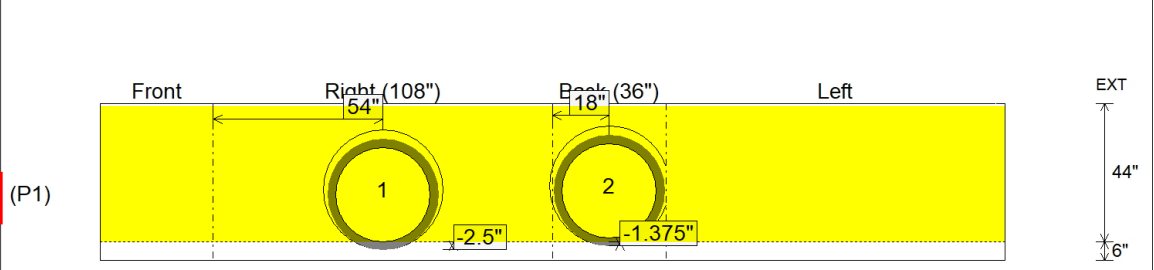
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