

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/19/2025 3:05:28 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

**Structure ID: AC**

**P1 BX28108-06W06F-BAVF**

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

- P2) 28" x 108" - CASTING HEIGHT (CI TRPL) - 6"
- P1) 28" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36"
- 1) Conseal CS-102 1.00" (Single)
- 3) CASTING - JBS 3080-V SET (F/G/H)
- 1) Hole - 24

0 lb  
7554 lb  
0 lb  
1500 lb  
0 lb  
-----  
Structure Total: 9054 lb

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.

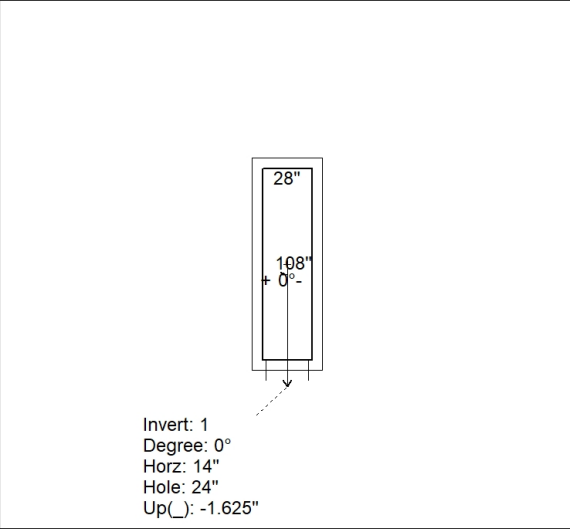
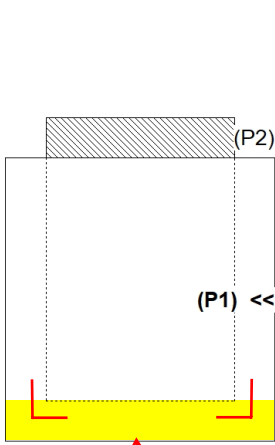
Rim: 516.29' Rim to Invert: 3.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	512.79'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

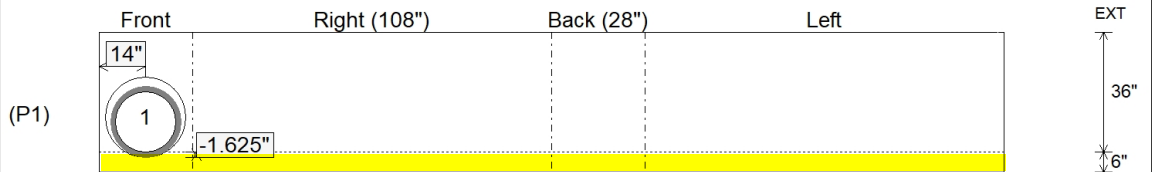
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

1ST POUR (FLOOR) = 2,417 LBS  
 2ND POUR (WALLS) = 5,123 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): 36"	Weight (Net): 7554 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 42"	Volume (Net): 1.93cu.yd

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/19/2025 3:05:28 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

**Structure ID: AC**

**P1A BX28108-06W06F-BAVF**

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

- P2) 28" x 108" - CASTING HEIGHT (CI TRPL) - 6"
- P1) 28" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36"
- 1) Conseal CS-102 1.00" (Single)
- 3) CASTING - JBS 3080-V SET (F/G/H)
- 1) Hole - 24

0 lb  
7554 lb  
0 lb  
1500 lb  
0 lb  
-----  
Structure Total: 9054 lb

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.

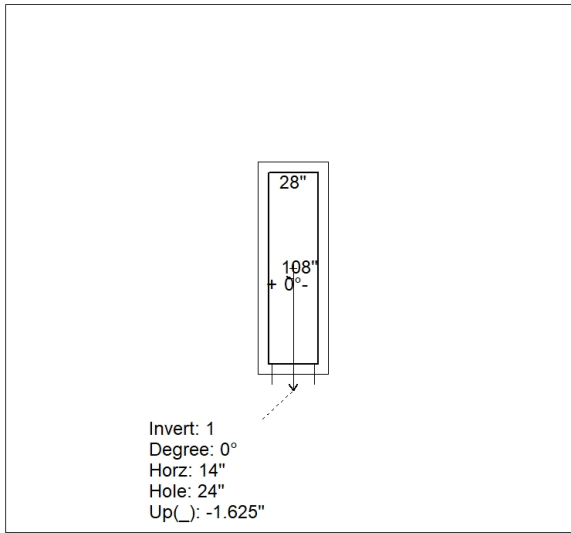
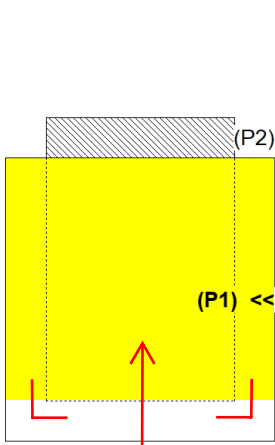
Rim: 516.29' Rim to Invert: 3.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	512.79'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

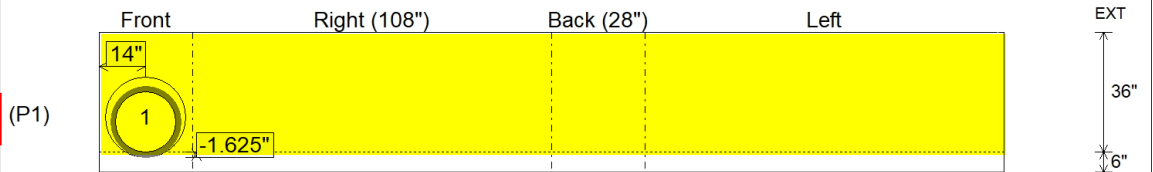
UPSIDE-DOWN VIEW (int. dimenions)

1ST POUR (FLOOR) = 2,417 LBS  
 2ND POUR (WALLS) = 5,123 LBS



INSIDE WALL DIMENSIONS

2ND POUR (WALLS)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 7554 lb Volume (Net): 1.93cu.yd
----------------------------------	-------------------------------	--	--	--