

Job Name: 26-2478 - Marcelina Site Improvements (Storm)
Job Location: Clarksville, TN 37043
Contractor: Core & Main LP

Plant: Beaver Dam, KY
10/8/2026 8:24:46 AM

Tech: J. Coppage
PC: T. Lewis



Structure ID: S17 ST-AD

P1 BX036156-08W08F-BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P5) 30" x 30" - CASTING HEIGHT - 6"
P4) 30" x 30" - BOX RISER 6inW, Variable Ht - 25"
P3) 30" x 30" - BOX RISER 6inW - 60"
P2) 36" x 156" - BX TRANS. SLAB 8inW w/30"x30" HOLE ECC - 10"
P1) 36" x 156" - BOX BASE 8inW, 8inF, Variable Ht - 96"
1) SECONDARY POUR
1) 36" x 156" - Conseal CS-102 1.00"
3) 30" x 30" - Conseal CS-102 1.00"
2) Hole - 90
1) Hole - 24
14) MH Step ML-10-TDS-NCR - 10"

0 lb
1812 lb
4350 lb
6750 lb
23495 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb

Structure Notes:

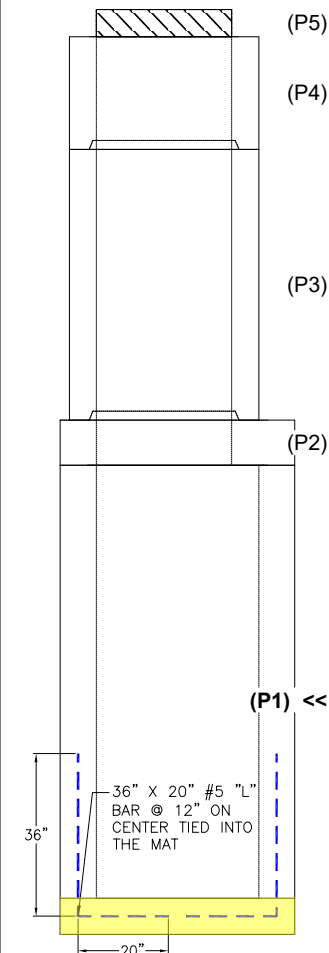
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
 - TRANS SLAB - DOUBLE MAT
 - TOP MAT - W/ #4 BARS AT 12" C.C.E.W.
 - BOT MAT - W/ #5 BARS AT 6" C.C.E.W.
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total: 36408 lb

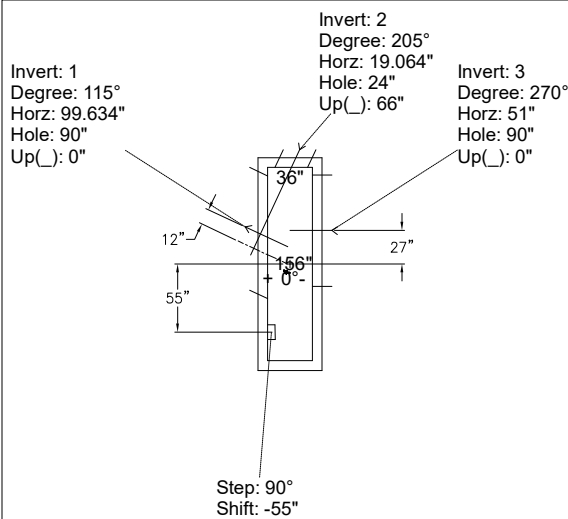
FIRST POUR DRAWING

Rim: 495.82' Rim to Invert: 15.87' Slack: 0.44" Sump: 7" Step Position: 90

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	479.95'	115°	111.365"	72" RCP B WALL	86"	Hole 90	90"	99.304"	0"	12"
Invert 2	485'	205°	30.794"	18" HDPE	21.2"	Hole 24	24"	26.481"	66"	-32"
Invert 3	479.95'	270°	59"	72" RCP B WALL	86"	Hole 90	90"	90"	0"	-27"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



RIGHT-SIDE UP VIEW (int. dimensions)



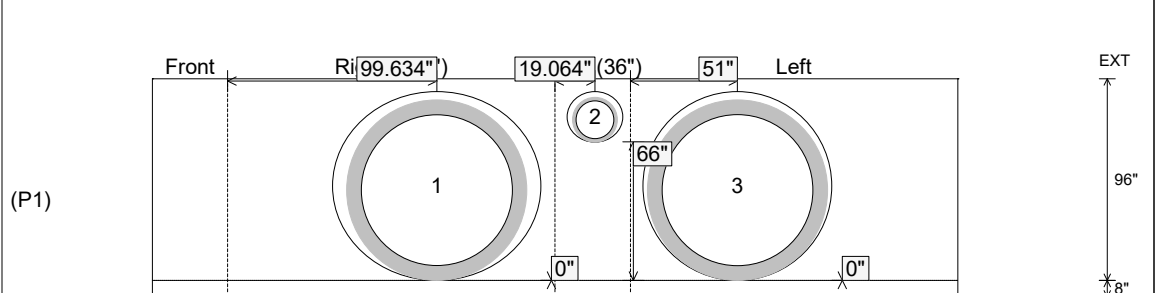
UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS:

FIRST POUR: 6,004 LBS
SECOND POUR: 17,491 LBS
TOTAL: 23,495 LBS

4 EA. CONAC 6CA18 LIFTERS CAST INTO THE FLOOR FOR HANDLING

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

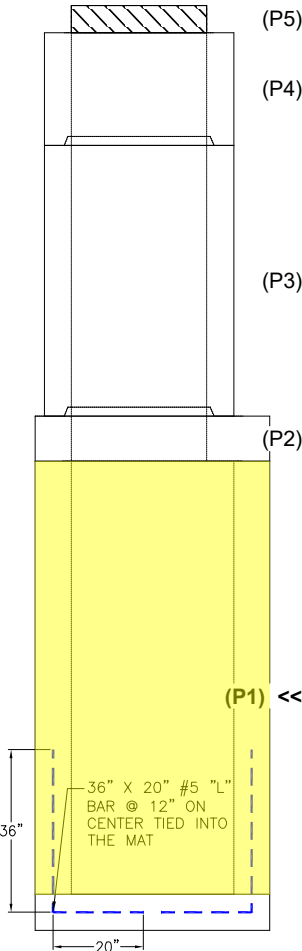
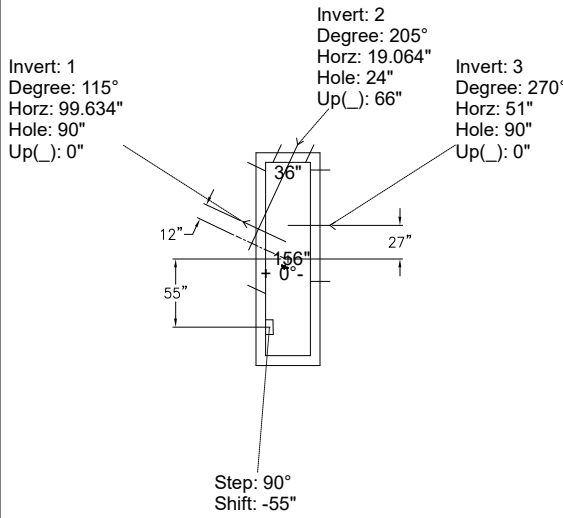
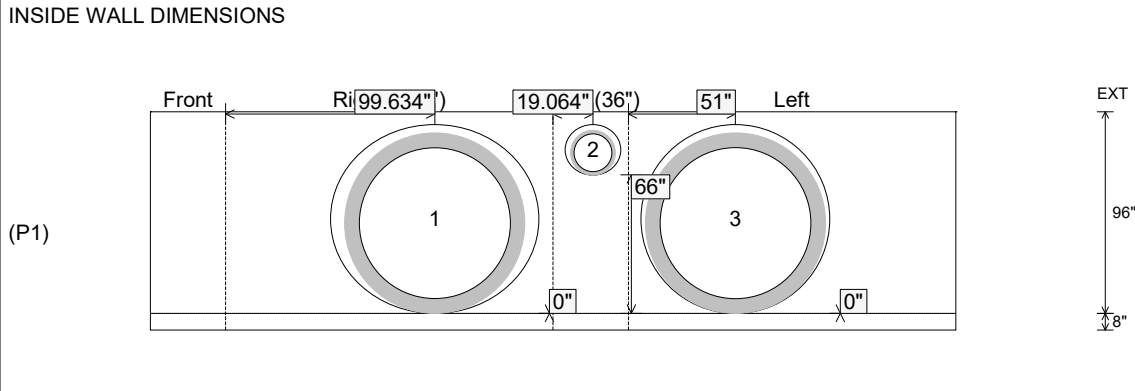
Height (Int): 96"
Height (Ext): 104"

Weight (Net): 23495 lb
Volume (Net): 6cu.yd

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P1) 36" x 156" - BOX BASE 8inW, 8inF, Variable Ht - 96"	23495 lb	
1) SECONDARY POUR	0 lb	
1) 36" x 156" - Conseal CS-102 1.00"	0 lb	
3) 30" x 30" - Conseal CS-102 1.00"	0 lb	
2) Hole - 90	0 lb	
1) Hole - 24	0 lb	
14) MH Step ML-10-TDS-NCR - 10"	0 lb	
	0 lb	
	0 lb	
	0 lb	
Structure Total: 36408 lb		
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Rim: 495.82' Rim to Invert: 15.87' Slack: 0.44" Sump: 7" Step Position: 90		

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Invert 4										
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	RIGHT-SIDE UP VIEW (int. dimensions)		UPSIDE-DOWN VIEW (int. dimenions)	
			WEIGHTS: FIRST POUR: 6,004 LBS SECOND POUR: 17,491 LBS TOTAL: 23,495 LBS 4 EA. CONAC 6CA18 LIFTERS CAST INTO THE FLOOR FOR HANDLING	
	INSIDE WALL DIMENSIONS			
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 96" Height (Ext): 104"	Weight (Net): 23495 lb Volume (Net): 6cu.yd