

Job Name: 26-1609 - Rhine Drive Stormwater System Improvements
Job Location: Nashville, TN 37218
Contractor: Walker Building Group

Plant: 100

9/15/2026 5:17:54 PM

Tech: Jared - F

PC: T. Lewis



Structure ID: 5 ST-CB

P1 BX036096-08W08F-BAVF

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

P3) 30" x 30" - CASTING HEIGHT - 6"
P2) 36" x 96" - BX FLAT TOP 8inW w/30"x30" HOLE F/F - 8"
P1) 36" x 96" - BOX BASE 8inW, 8inF, Variable Ht F/n - 80"
1) CASTING - JBS 4310 F/G
1) 36" x 96" - Conseal CS-102 1.00"
1) 30" x 30" - Conseal CS-102 1.00"
2) Hole - 84 x 58
1) Hole - 26

0 lb
3306 lb
13881 lb
500 lb
0 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 17687 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 ICAST (JBS 4310 F/G).

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .24)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

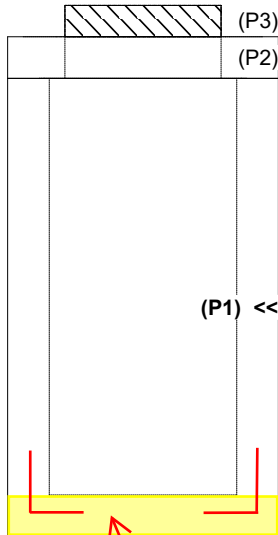
Rim: 603.8' Rim to Invert: 7.42' Slack: 0" Sump: 4.96" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	596.38'	90°	56"	68" x 43" ELL RCP	80" x 55"	Hole 84 x 58	84" x 58"	84"	-1"	0"
Invert 2	597.8'	300°	61.125"	68" x 43" ELL RCP	80" x 55"	Hole 84 x 58	84" x 58"	95.995", 1.732"	16"	-8.565"
Invert 3	599.73'	340°	21.625"	18" RCP B WALL	23"	Hole 26	26"	27.669"	42.625"	15"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

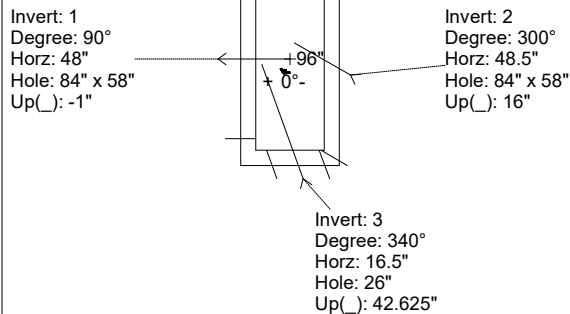
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

FIRST POUR DRAWING



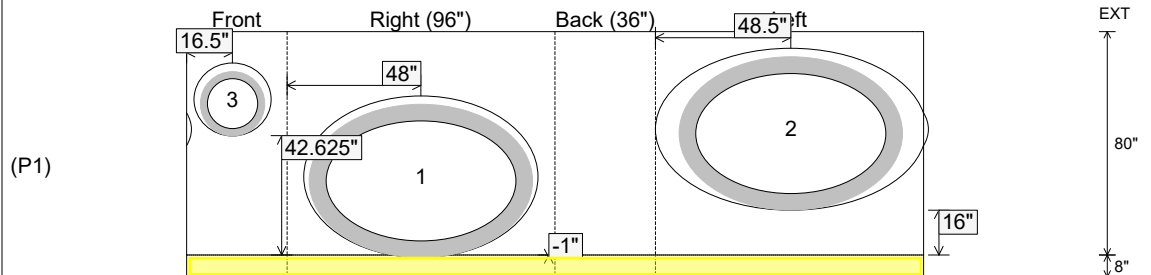
1ST POUR (FLOOR)
WET STICK 14" X 18" #5
L-BARS @ 12" C.C.E.W.
(GRADE 60) OUT TOP
OF FLOOR FOR WALL
POUR TIE-IN



WEIGHTS

FIRST POUR - 3,910 LBS
SECOND POUR - 9,971 LBS
TOTAL - 13,881 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 80"
Height (Ext): 88"

Weight (Net): 13881 lb
Volume (Net): 3.55cu.yd

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13881 lb
500 lb
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0 lb
0 lb
0 lb
0 lb

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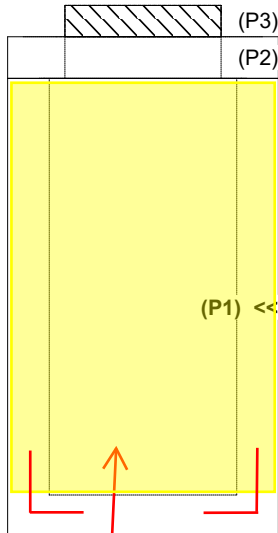
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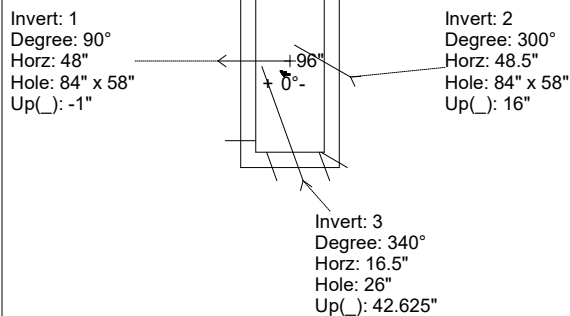
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UPSIDE-DOWN VIEW (int. dimensions)

SECOND POUR DRAWING



2ND POUR WALLS



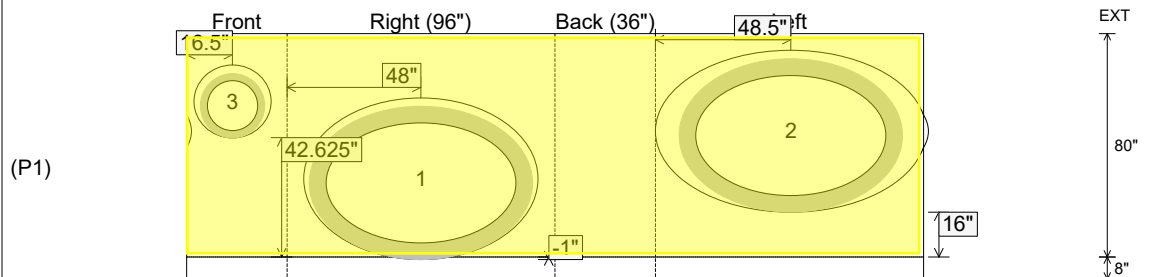
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