

Job Name: 26-1534 - Will Chancellor Rd Vaults
Job Location: Stanford, KY
Contractor: CITCO Water

Plant: 100

5/25/2026 11:54:24 AM

Tech: Jared - F

PC: C. Goff



Structure ID: Outlet Sump Basin

P1 BX3648-08W12F08EF-BAVF

BX BASE W/FLANGE 8W/12F/8EF F/n

P2) 36" x 48" - CASTING HEIGHT - 0"
P1) 36" x 48" - BX BASE W/FLANGE 8W/12F/8EF - 48"
1) SECONDARY POUR - WALLS
1) Hole - 2
1) Hole - 8
1) Hole - 5

0 lb
11873 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 11873 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. 2"x2" RECESSED GROOVE OPENING TO ACCOMMODATE GRATING SUPPLIED BY OTHERS.

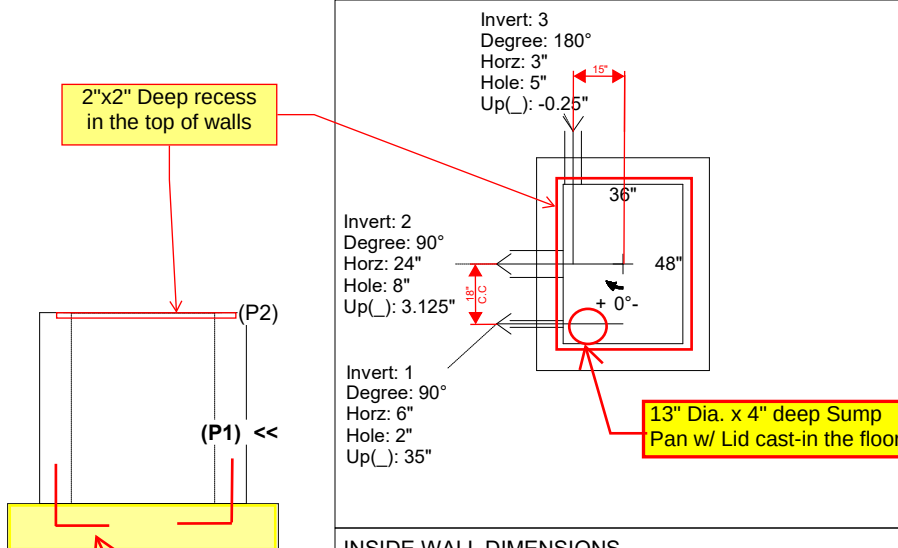
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .12) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 950.5' Rim to Invert: 4' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	949.43'	90°	14"	1.5" PVC SCH80	1.9"	Hole 2	2"	2"	35"	-18"
Invert 2	946.79'	90°	32"	4" DI	4.75"	Hole 8	8"	8"	3.125"	0"
Invert 3	946.5'	180°	11"	3" PVC SCH40	3.5"	Hole 5	5"	5"	-0.25"	-15"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

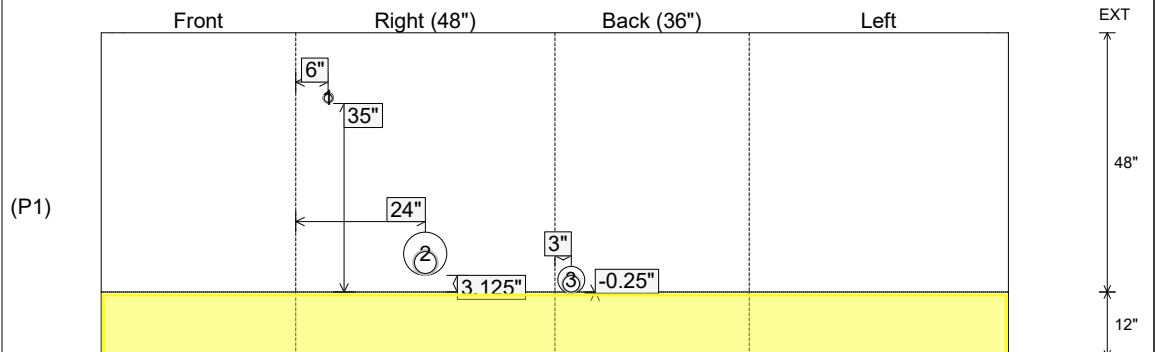
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 5,434 LBS
2ND POUR (WALLS) = 6,337 LBS**

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

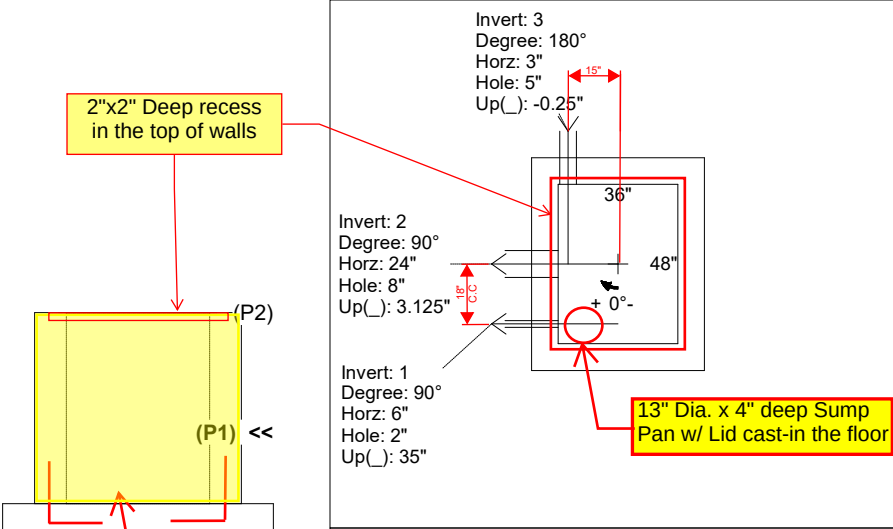
Wall Thickness: 8"
Floor Height: 12"

Height (Int): 48"
Height (Ext): 60"

Weight (Net): 11873 lb
Volume (Net): 3.03cu.yd

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Rim: 950.5'		Rim to Invert: 4'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
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Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 3
Degree: 180°
Horz: 3"
Hole: 5"
Up(): -0.25"

Invert: 2
Degree: 90°
Horz: 24"
Hole: 8"
Up(): 3.125"

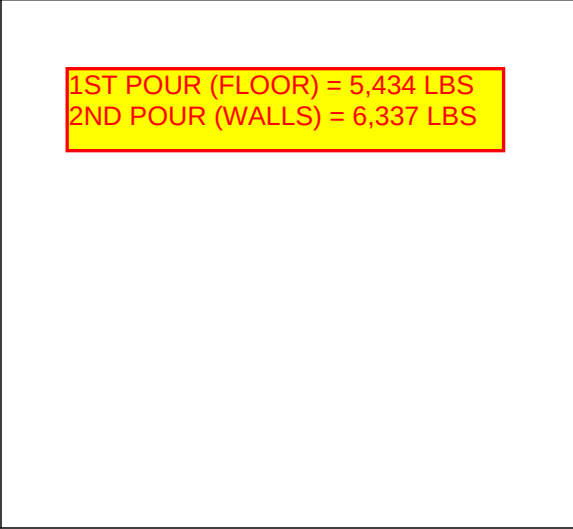
Invert: 1
Degree: 90°
Horz: 6"
Hole: 2"
Up(): 35"

2"x2" Deep recess in the top of walls

13" Dia. x 4" deep Sump Pan w/ Lid cast-in the floor

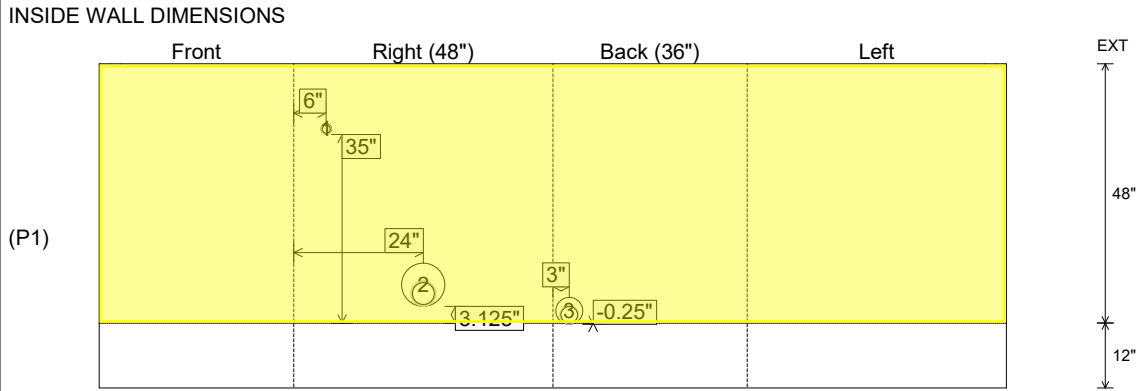
2ND POUR (WALLS)

UPSIDE-DOWN VIEW (int. dimenions)



1ST POUR (FLOOR) = 5,434 LBS
2ND POUR (WALLS) = 6,337 LBS

INSIDE WALL DIMENSIONS



Front Right (48") Back (36") Left

6" 35" 24" 3" 3.125" -0.25"

EXT 48" 12"

Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 12"	Height (Int): 48" Height (Ext): 60"	Weight (Net): 11873 lb Volume (Net): 3.03cu.yd
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