

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion
Job Location: Shepherdsville, KY
Contractor: Pace Contracting, LLC

Plant: 100

6/3/2026 6:27:34 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: SCUM VAULT

P1 MH072BAEVF

MH BASE w/FLANGE (08F/07EF) T/n

- P3) 48" x 48" - CASTING HEIGHT - 0"
P2) 72" - MH FLAT TOP w/48"x48" Hatch F/G - 15"
P1) 72" - MH BASE w/FLANGE (08F/07EF) T/n - 51"
1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) HATCH (Alum.) - HALLIDAY W2S 48"x48"
1) 72" - Conseal CS-102 1.00" (Double)
1) 48" x 48" - Conseal CS-102 1.00" (Double)
4) Z-Lok - C107-6
1) PSX - 8QRS-S NYLO
4) MH Step ML-10-TDS-NCR - 10"

0 lb
3320 lb
12452 lb
0 lb
0 lb
126 lb
0 lb
0 lb
4 lb
6 lb
0 lb

Structure Total: 15909 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. HATCH SUPPLIED BY I-CAST (HALLIDAY W2S 48"x48").

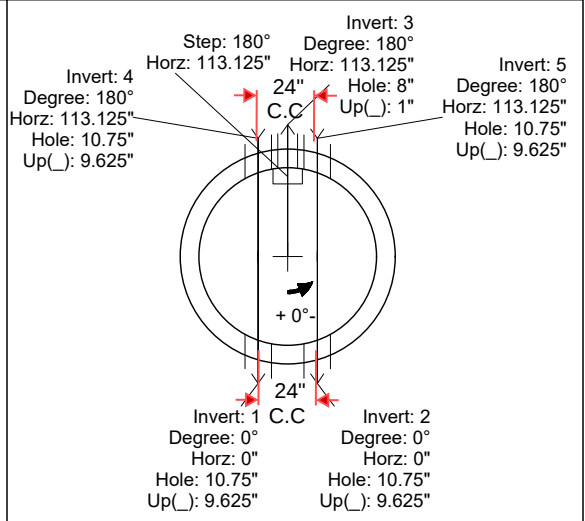
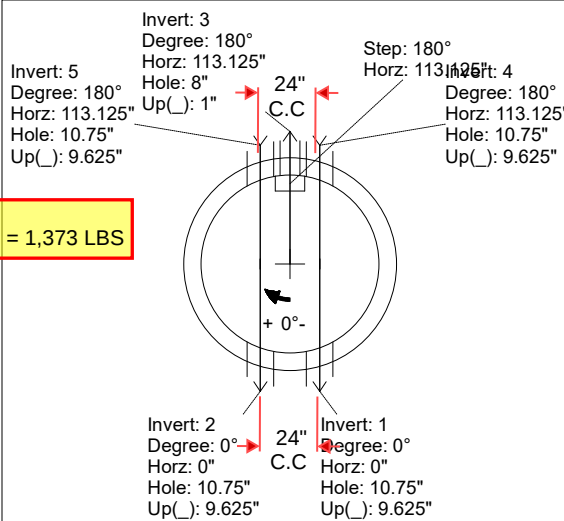
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .12)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 454' Rim to Invert: 5.25' Slack: 0" Sump: 3" Step Position: 180°

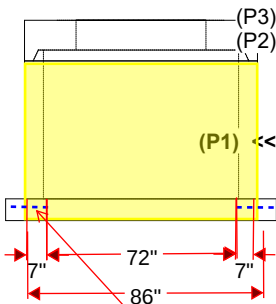
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	449.5'	0°	-12.125"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	9.625"	-12"
Invert 2	449.5'	0°	12.125"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	9.625"	12"
Invert 3	448.75'	180°	135.125"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.017"	1"	0"
Invert 4	449.5'	180°	147.25"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	9.625"	12"
Invert 5	449.5'	180°	122.875"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	9.625"	-12"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

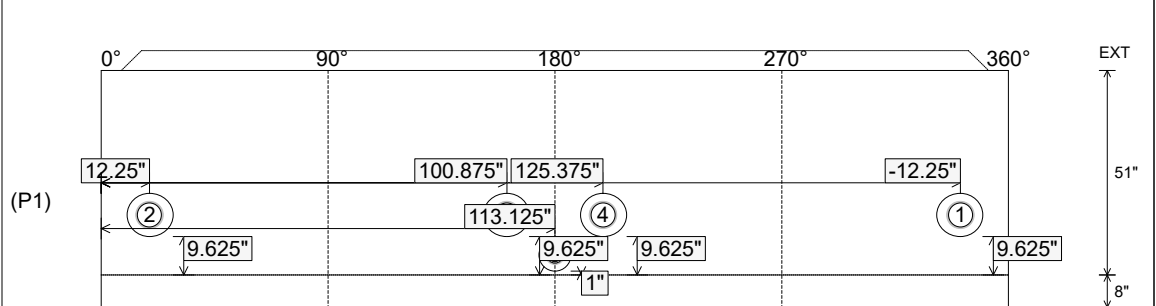


1ST POUR (BASE) = 11,079 LBS
2ND POUR (EXTENDED FLANGE) = 1,373 LBS



#5 BAR DOWELS @ 18" O.C TO BE
DRILLED IN BASE SLAB FOR FLANGE
ATTACHMENT

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 7"
Floor Height: 8"

Height (Int): 51"
Height (Ext): 59"

Weight (Net): 12452 lb
Volume (Net): 3.18cu.yd

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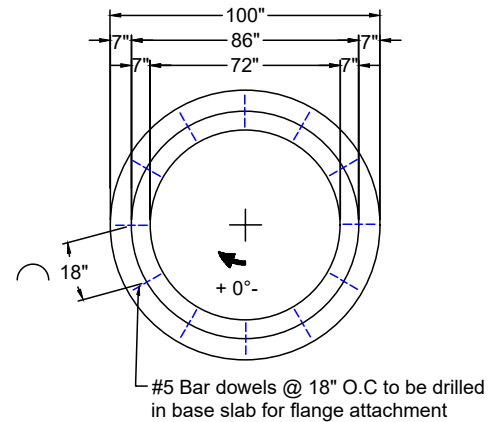
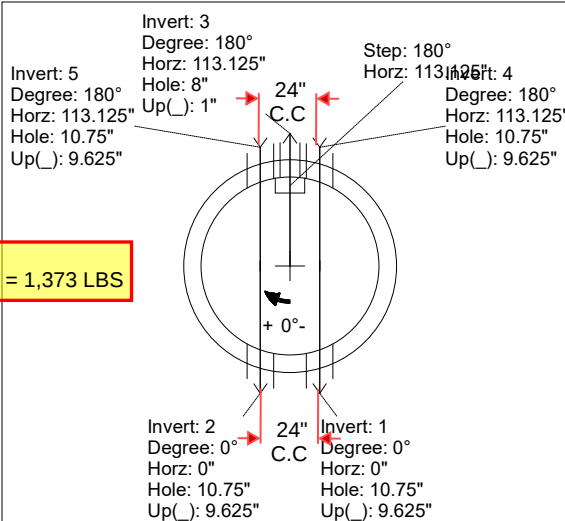
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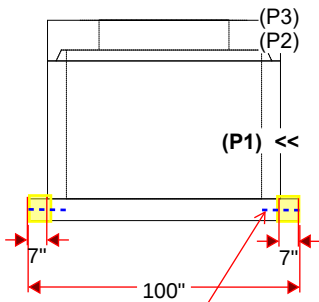
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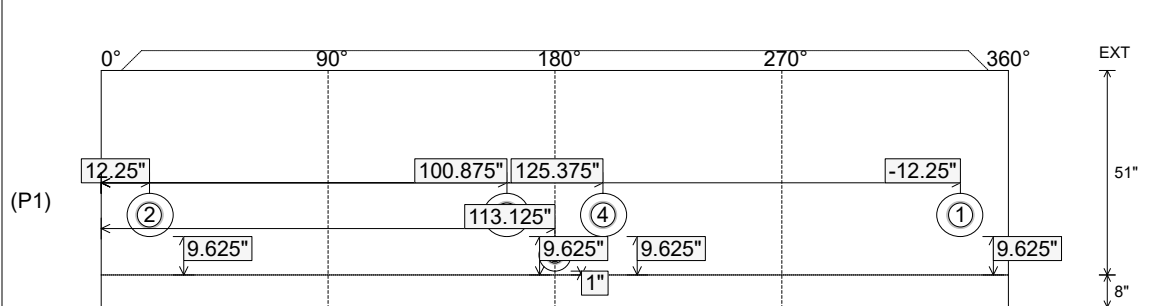


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