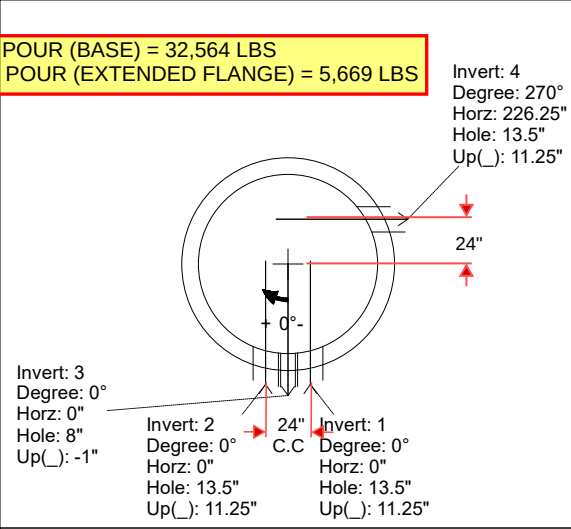


Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC				Plant: 100 6/2/2026 8:26:42 PM		Tech: Jared - F PC: J Jarvis				
Structure ID: PROCESS RETURN V.V.										
P1 MH096BAEVF			MH BASE EF Cust. Ht. 12"F (14"EF =142"OD) T/n							
P3) 60" x 60" - CASTING HEIGHT - 0" P2) 96" - MH TOP SLAB w/60"x60" Hatch F/G - 17" P1) 96" - MH BASE EF Cust. Ht. 12"F (14"EF =142"OD) T/n - 91" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) HATCH (Alum.) - HALLIDAY W2S 60"x60" 1) 96" - Conseal CS-102 1.00" (Double) 1) 60" x 60" - Conseal CS-102 1.00" (Double) 3) Z-Lok - C107-8 1) PSX - 8QRS-S NYLO						0 lb 7554 lb 38233 lb 0 lb 0 lb 177 lb 0 lb 0 lb 3 lb 6 lb ----- Structure Total: 45973 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. HATCH SUPPLIED BY I-CAST (HALLIDAY W2S 60"X60"). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT) - RISER/WALLS (As .24) - FLOOR (As .37) #5 BARS AT 8" C.C.E.W. (DOUBLE MAT)		
Rim: 448.25' Rim to Invert: 8.92' Slack: 0" Sump: 0.96" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	440.42'	0°	-12.125"	8" DI	9"	Z-Lok C107-8	13.5"	14.002"	11.25"	-12"
Invert 2	440.42'	0°	12.125"	8" DI	9"	Z-Lok C107-8	13.5"	14.002"	11.25"	12"
Invert 3	439.33'	0°	0"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.009"	-1"	0"
Invert 4	440.42'	270°	243.875"	8" DI	9"	Z-Lok C107-8	13.5"	15.73"	11.25"	-24"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

1ST POUR (BASE) = 32,564 LBS
2ND POUR (EXTENDED FLANGE) = 5,669 LBS



Invert: 4
Degree: 270°
Horz: 226.25"
Hole: 13.5"
Up(): 11.25"

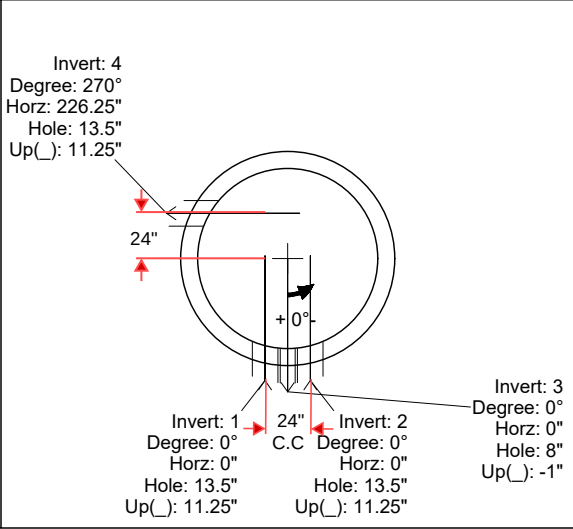
Invert: 3
Degree: 0°
Horz: 0"
Hole: 8"
Up(): -1"

Invert: 2
Degree: 0°
Horz: 0"
Hole: 13.5"
Up(): 11.25"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 13.5"
Up(): 11.25"

24" C.C.

UPSIDE-DOWN VIEW (int. dimensions)



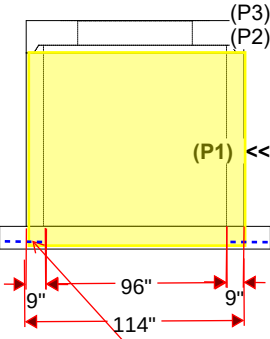
Invert: 4
Degree: 270°
Horz: 226.25"
Hole: 13.5"
Up(): 11.25"

Invert: 3
Degree: 0°
Horz: 0"
Hole: 8"
Up(): -1"

Invert: 2
Degree: 0°
Horz: 0"
Hole: 13.5"
Up(): 11.25"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 13.5"
Up(): 11.25"

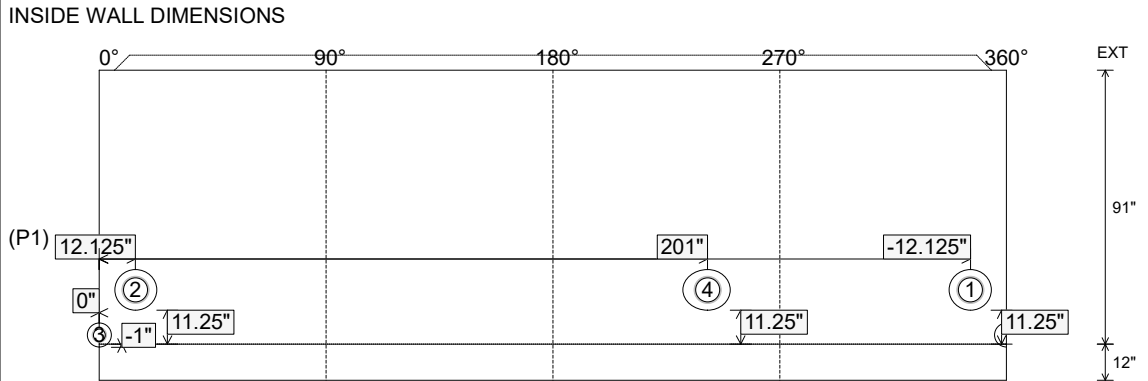
24" C.C.



(P3)
(P2)
(P1) <<

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

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

EXT 91" 12"

(P1) 12.125" 201" -12.125"

11.25" 11.25" 11.25"

0" -1" 11.25"

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 9" Floor Height: 12"	Height (Int): 91" Height (Ext): 103"	Weight (Net): 38233 lb Volume (Net): 9.77cu.yd
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