

Job Name: 26-1814 - Brownsville Sewer System Additions
Job Location: Cave City, KY
Contractor: Luttrell & Sons, LLC

Plant: 100

8/4/2026 7:05:39 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: QL10

P1 MH096BAEVF

MH BASE EF Cust. Ht. 18"F (24"EF =162"OD) T/n

- P4) 37" x 59" - HATCH (CAST FLUSH) - 3"
P3) 96" - MH FLAT TOP w/37"x59" Hatch F/G - 17"
P2) 96" - MH RISER Custom Ht T/G - 85"
P1) 96" - MH BASE EF Cust. Ht. 18"F (24"EF =162"OD) T/n - 36"
2) JOINT WRAP - 12" WD x 096" MAC WRAP
2) 96" - Con Seal CS-231 1.00" (Double)
2) PSX - 12-06 NYLO
1) PSX - 8QRS-S NYLO
1) PSX - 12-08 NYLO

100 lb
8296 lb
20871 lb
41806 lb
0 lb
0 lb
16 lb
6 lb
8 lb

Structure Total: 69399 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - 37" X 59" USF ALUMINIUM DOUBLE DOOR HATCH APD TO BE SUPPLIED BY OTHERS & CAST-IN INTO CENTER OF TOP SLAB BY ICAST.
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)
- RISER/WALLS (As .24)
- FLOOR (As .47) TOP AND BTM LAYER AT #5 BARS AT 12" C.C.E.W.

NOTE:

4 EA. 8CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 0, 90, 180, & 270, 12" FROM TOP OF WALLS

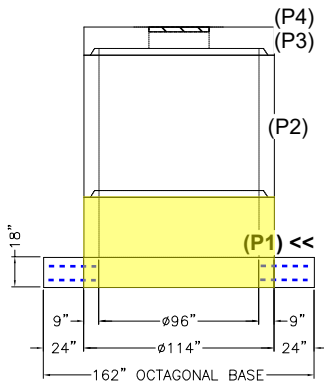
Rim: 643.5' Rim to Invert: 6.7' Slack: 0" Sump: 57.6" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

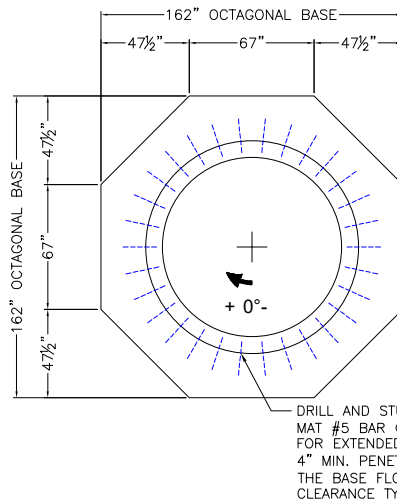
FIRST POUR DRAWING

WEIGHTS:

FIRST POUR - 24,385 LBS
SECOND POUR - 17,421 LBS
TOTAL - 41,806 LBS

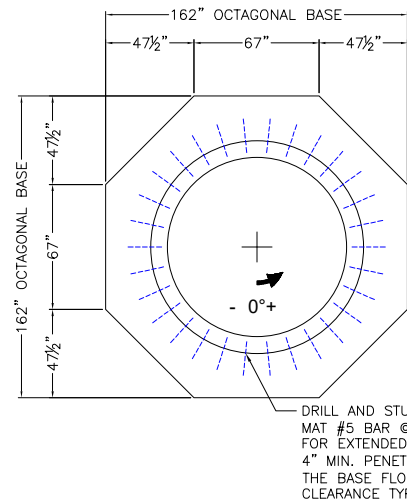


RIGHT-SIDE UP VIEW (int. dimensions)



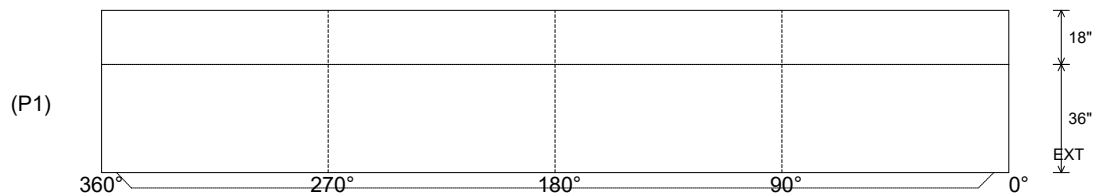
DRILL AND STUB DOUBLE MAT #5 BAR @ 12" C.C. E.W. FOR EXTENDED BASE POUR. 4" MIN. PENETRATION INTO THE BASE FLOOR AND 2" MIN. CLEARANCE TYP.

UPSIDE-DOWN VIEW (int. dimensions)



DRILL AND STUB DOUBLE MAT #5 BAR @ 12" C.C. E.W. FOR EXTENDED BASE POUR. 4" MIN. PENETRATION INTO THE BASE FLOOR AND 2" MIN. CLEARANCE TYP.

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 9"
Floor Height: 18"

Height (Int): 36"
Height (Ext): 54"

Weight (Net): 40101 lb
Volume (Net): 10.24cu.yd

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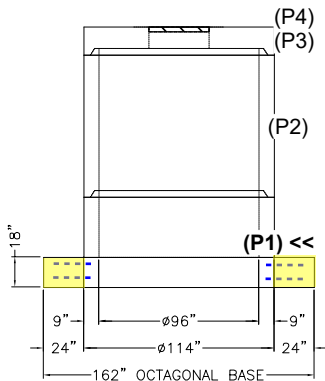
SECOND POUR DRAWING

WEIGHTS:

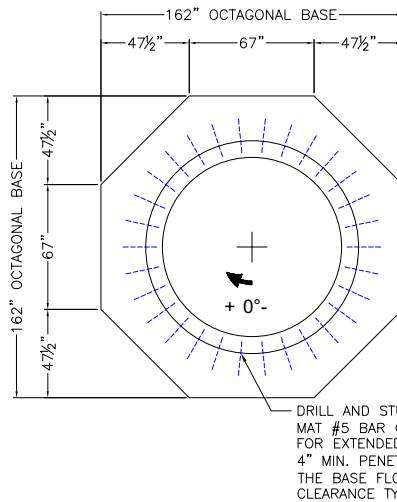
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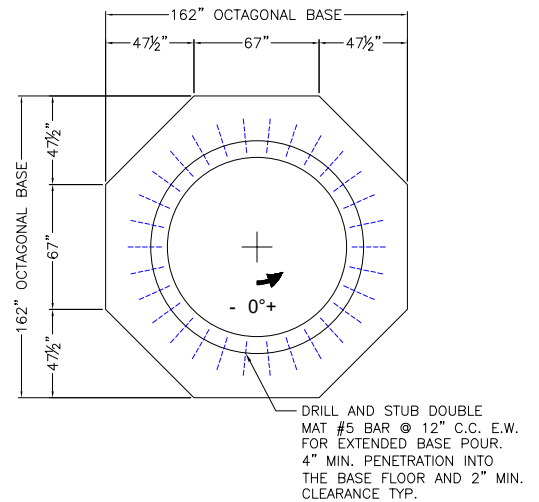
TOTAL - 41,806 LBS



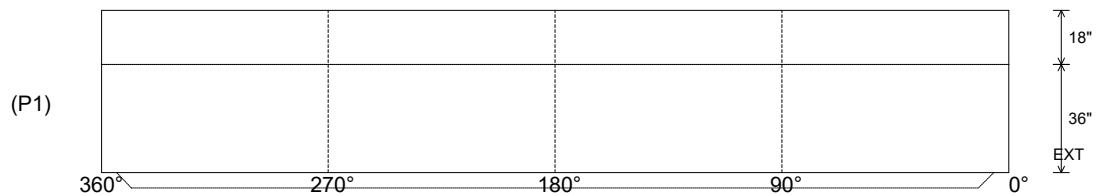
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UPSIDE-DOWN VIEW (int. dimensions)



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