

Job Name: 24-4271C Lloyd 4U Tekoppel Ave Water Main Relocation
Job Location: Evansville, IN
Contractor: Blankenberger Brothers, Inc.

Plant: Beaver Dam
8/7/2026 11:12:49 AM

Tech: J. Coppage
PC: A. Chambers



Structure ID: STR 30

P1 MH072BA84

MH BASE

P5) 24" - CASTING HEIGHT - 7"
P4) 24" - GRADE RING - 3"
P3) 72" - MH FLAT LID w/24in ECC Hole - 15"
P2) 72" - MH RISER - 84"
P1) 72" - MH BASE - 84"
2) 72" - Conseal CS-102 1.00"
2) 24" - Conseal CS-102 1.00"
2) Hole - 44"

0 lb
202 lb
5098 lb
12246 lb
14247 lb
0 lb
0 lb
0 lb

31793 lb

Structure Notes: .
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
4. CASTING BY OTHERS.
5. THIS IS FOR THE BASE SECTION (P1) AND RISER (P2), AND GRADE RING (P4) ONLY. USE THE FLAT TOP (P3) THAT WAS PREVIOUSLY PROVIDED FOR STRUCTURE 32.

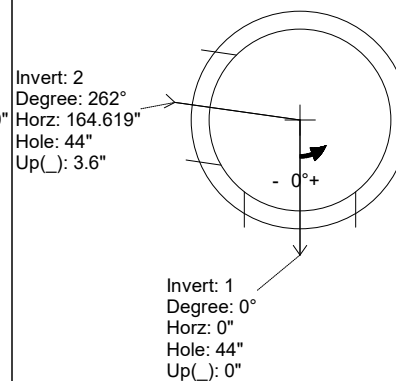
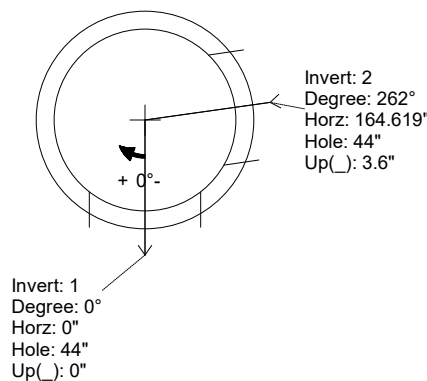
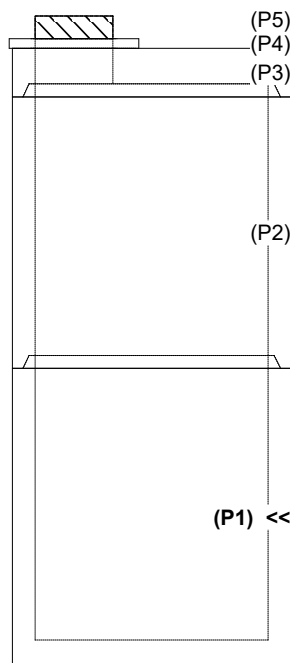
Structure Total:

Rim: 377.9' Rim to Invert: 16.11' Slack: 3.17' Sump: 2.85' Step Position:

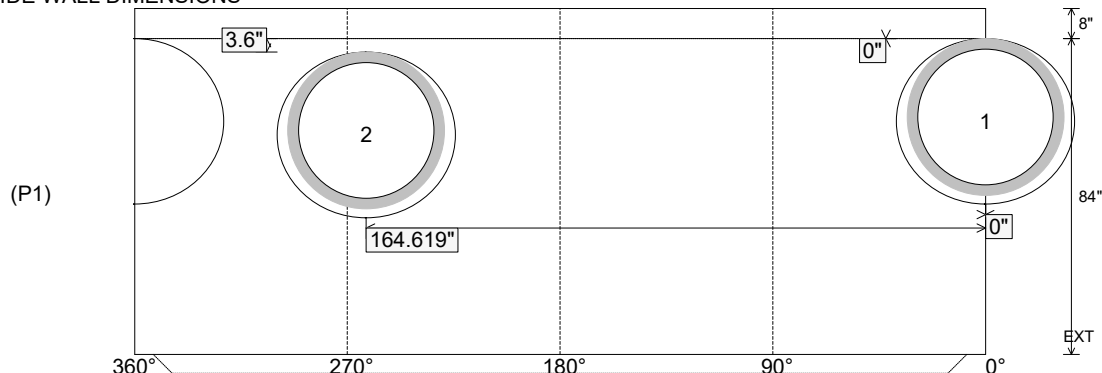
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	361.79'	0°	0"	36" HDPE	41.7"	Hole 44	44"	47.337"	0"	0"
Invert 2	362.09'	262°	196.629"	36" HDPE	41.7"	Hole 44	44"	47.337"	3.6"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 7"
Floor Height: 8"

Height (Int): 84"
Height (Ext): 92"

Weight (Net): 14247 lb
Volume (Net): 3.64cu.yd