

Job Name: 26-2217 Kroger COB
Job Location: Bowling Green, KY
Contractor: Stewart Richey

Plant: Beaver Dam

7/21/2026 8:13:23 AM

Tech: J. Coppage

PC: T. Lewis



Structure ID: QL3

P2 MH084RS90

MH RISER

P4) 60" x 54" - HATCH (CAST FLUSH) - 3"

P3) 84" - MH FLAT TOP w/60"x54" Hatch - 17"

P2) 84" - MH RISER - 90"

P1) 84" - MH BASE w/FLANGE (12F/07EF) - 60"

1) JOINT WRAP - 12" WD x 084" MAC WRAP

1) HATCH (Alum.) - HALLIDAY H2W 60"x54"

1) This Structure Includes a Cast-in Item - 60" x 54" Hatch

1) SECONDARY POUR - EXT FLANGE

2) 84" - Conseal CS-231 1.00" (Double)

2) PSX - 12M NYLO

1) PSX - 12-08 NYLO

1) PSX - 8QRS-S NYLO

100 lb

5152 lb

17186 lb

21919 lb

0 lb

263 lb

0 lb

0 lb

0 lb

16 lb

8 lb

6 lb

Structure Notes:

1. HALLIDAY H2W 60" X 54" HATCH BY ICAST.

2. HATCH TO BE CAST INTO THE TOP SLAB.

3. PER ASTM C478 SPECIFICATIONS.

4. CONCRETE = 4,500 PSI AT 28 DAYS.

5. NO STEPS

6. 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. DBL MAT.

Structure Total: 44651 lb

Rim: 547.24'

Rim to Invert: 7.24'

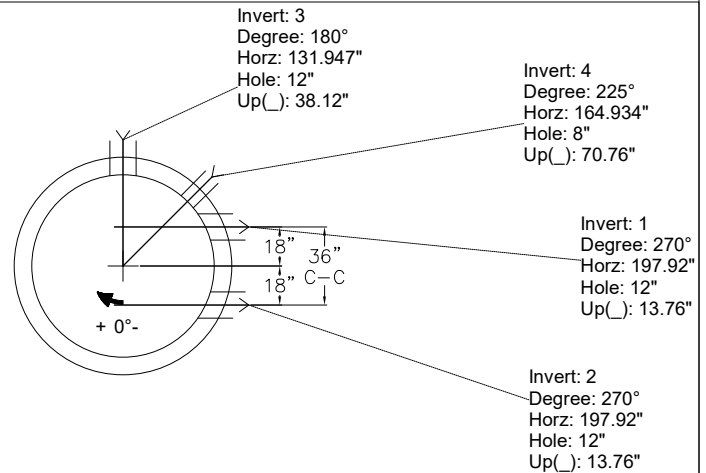
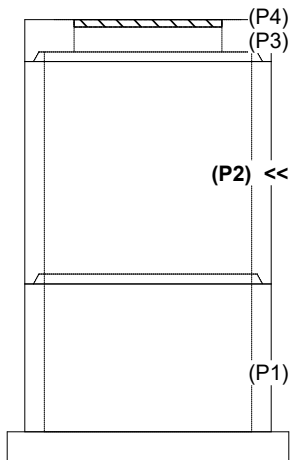
Slack: 0.64"

Sump: 80.76"

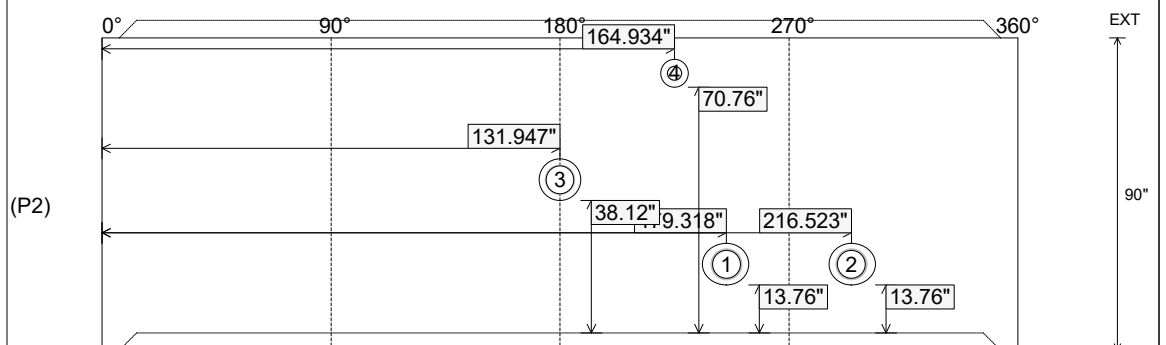
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	540'	270°	217.206"	8" DI	9"	PSX 12M NYLO	12"	13.377"	13.76"	-18"
Invert 2	540'	270°	254.033"	8" DI	9"	PSX 12M NYLO	12"	13.377"	13.76"	18"
Invert 3	542.03'	180°	157.08"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.041"	38.12"	0"
Invert 4	544.75'	225°	196.35"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8.012"	70.76"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

Height (Int): 90"
Height (Ext): 90"

Weight (Net): 17186 lb
Volume (Net): 4.39cu.yd