

Structure ID: QL3

P1MH084BAEVF

MH BASE w/FLANGE (12F/07EF)

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.

WEIGHTS:

FIRST POUR - 19,550 LBS.

SECOND POUR - 2,369 LBS.

TOTAL - 21,919 LBS.

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										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 12"	Height (Int): 60" Height (Ext): 72"	Weight (Net): 21919 lb Volume (Net): 5.6cu.yd
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Job Name: 26-2217 Kroger COB
Job Location: Bowling Green, KY
Contractor: Stewart Richey

Plant: Beaver Dam

7/21/2026 8:12:40 AM

Tech: J. Coppage

PC: T. Lewis



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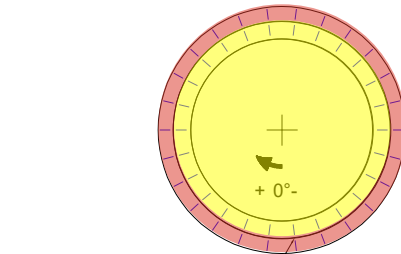
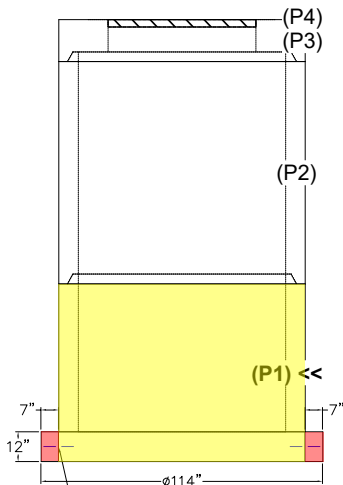
Sump: 80.76"

Step Position:

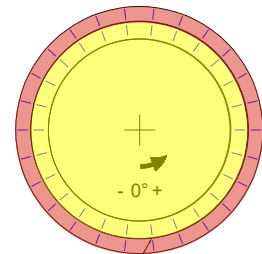
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Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

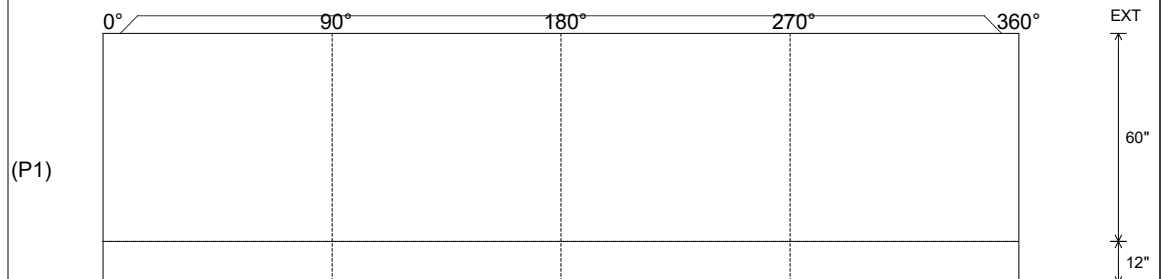


DRILL & STUB 26 EA. #5 BARS @
10" LONG 12" C-C AROUND THE
PERIMETER OF THE MANHOLE FOR
FLANGE POUR. 5" MIN. PENETRATION
INTO THE BASE REQUIRED.



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INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 12"

Height (Int): 60"
Height (Ext): 72"

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Volume (Net): 5.6cu.yd