

Job Name: 25-2801 St. Joseph's Children's Home Improvements
 Job Location: Louisville, KY
 Contractor: E-Z Construction Co. Inc.

Plant: 100

11/25/2025 2:28:29 PM

Tech: J. Horsley - A

PC: Jay Ross Jarvis



Structure ID: JB-532.64

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 24" - CASTING HEIGHT - 0"
- P2) 48" - MH FLAT TOP w/ 24" Center Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 28"
- 1) CASTING - HOE MCS-295 Frame
- 1) CASTING - HOE MC-420 Cover Storm LOU-MSD
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 24
- 2) Hole - 16

0 lb
 1700 lb
 2915 lb
 123 lb
 340 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5078 lb

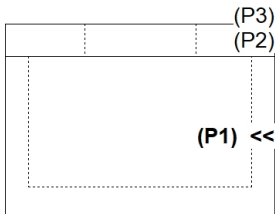
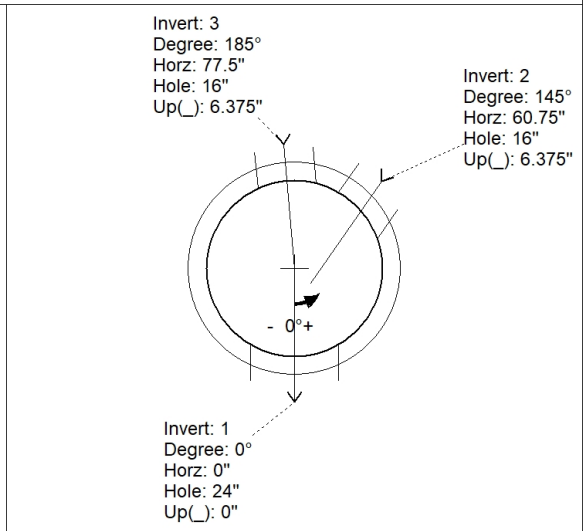
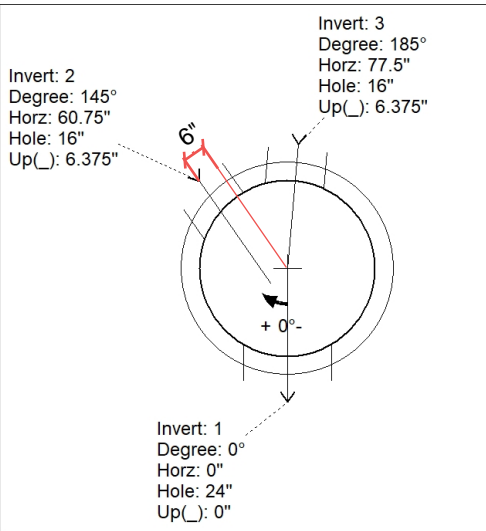
- Structure Notes:**
1. HOE MCS-295 FRAME PROVIDED BY ICAST.
 2. MCS-295 FRAME TO BE CAST INTO THE TOP SLAB.
 3. PER ASTM C478 SPECIFICATIONS.
 4. CONCRETE = 4,000 PSI AT 28 DAYS.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 535.4' Rim to Invert: 2.76' Slack: -0.28' Sump: 1.6" Step Position:

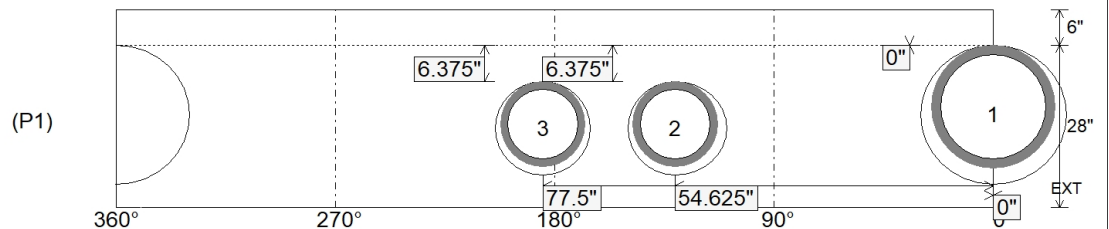
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	532.64'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 2	533.14'	145°	67.375"	12" HDPE	14.5"	Hole 16	16"	16.95"	6.375"	-6"
Invert 3	533.14'	185°	93.625"	12" HDPE	14.5"	Hole 16	16"	16.312"	6.375"	0"
Invert 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: Flat
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 28"
 Height (Ext): 34"

Weight (Net): 2915 lb
 Volume (Net): 0.74cu.yd