

Job Name: 26-1343 - KSFB/KEC Backup Power Supply
 Job Location: Louisville, KY 40209
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 4/30/2026 8:06:08 PM

Tech: Jared- F
 PC: J.Jarvis



Structure ID: MH-1-4 STMH

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 32"
- 1) CASTING - HOE MC-420 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 20
- 2) Hole - 18

0 lb
 1561 lb
 3212 lb
 340 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5113 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. INVERT CHANNEL (BY OTHERS).
 4. CASTING BY ICAST (HOE MC-420 F/C STORM)

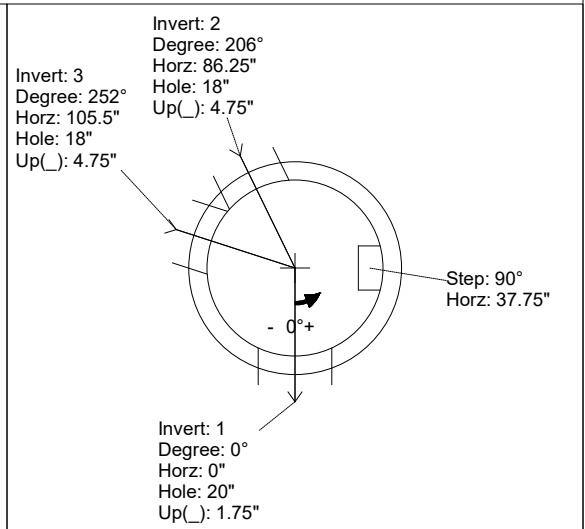
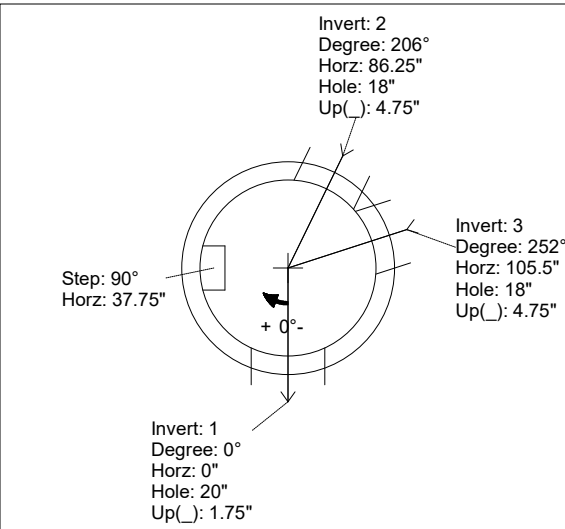
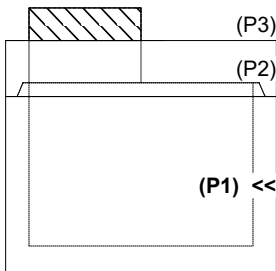
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 489.93' Rim to Invert: 4.11' Slack: 1.32" Sump: 3" Step Position: 90°

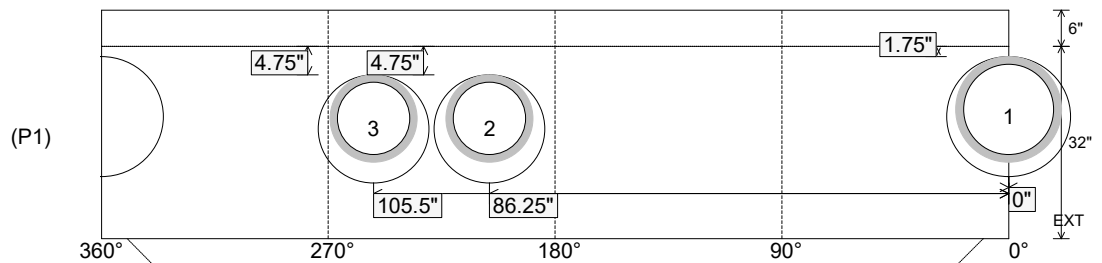
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	485.82'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	1.75"	0"
Invert 2	486.07'	206°	104.25"	12" HDPE	14.5"	Hole 18	18"	18.451"	4.75"	0"
Invert 3	486.07'	252°	127.5"	12" HDPE	14.5"	Hole 18	18"	18.451"	4.75"	0"
Invert 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: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 32"
 Height (Ext): 38"

Weight (Net): 3212 lb
 Volume (Net): 0.82cu.yd