

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100
 5/5/2026 5:08:04 PM

Tech: J. Horsley - F
 PC: C. Goff



Structure ID: MH-01

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 20" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT LID w/20in ECC Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 33"
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1367 lb
 3306 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 4674 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING SUPPLIED BY OTHERS - MC-162

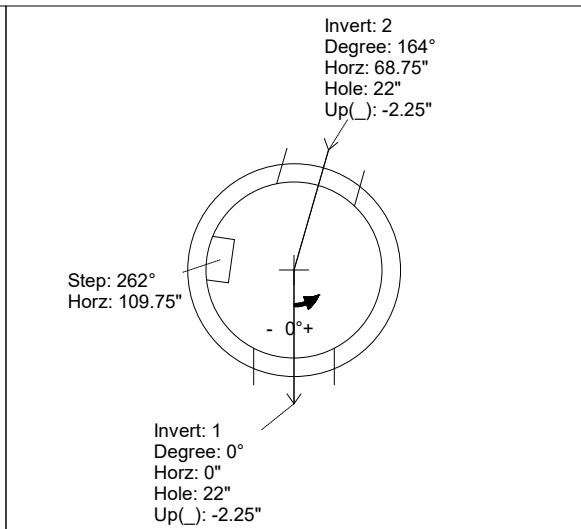
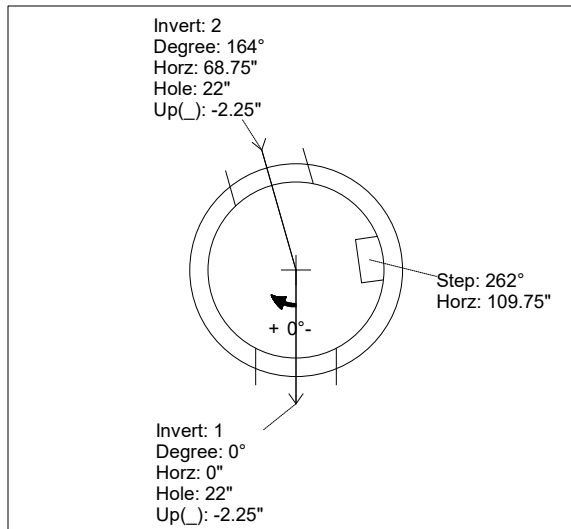
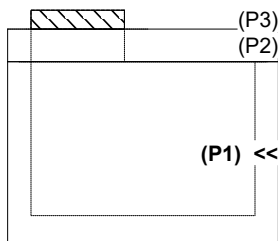
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 741.72' Rim to Invert: 3.72' Slack: 0.64" Sump: 0" Step Position: 262°

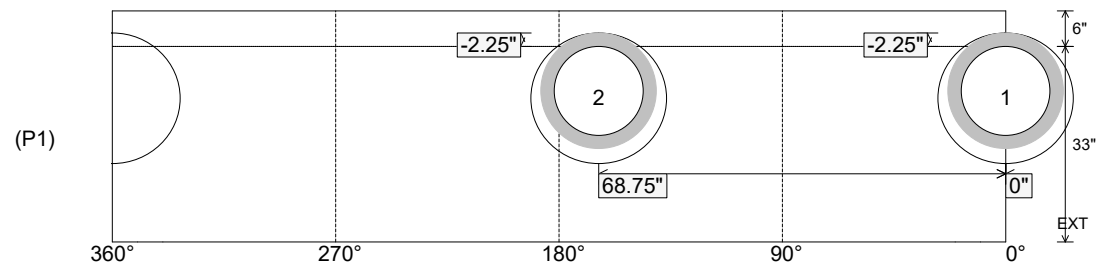
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	738'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 2	738'	164°	83"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 33"
 Height (Ext): 39"

Weight (Net): 3306 lb
 Volume (Net): 0.84cu.yd