

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

Plant: 100
 4/9/2026 1:20:25 PM

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



Structure ID: CB21

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 16" x 36" - CASTING HEIGHT - 5.5"
- P2) 48" - MH FLAT TOP w/16"x36" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 54.5"
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 32
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb
 1535 lb
 4411 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5945 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 (HOE 580).

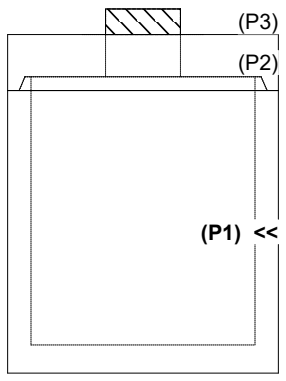
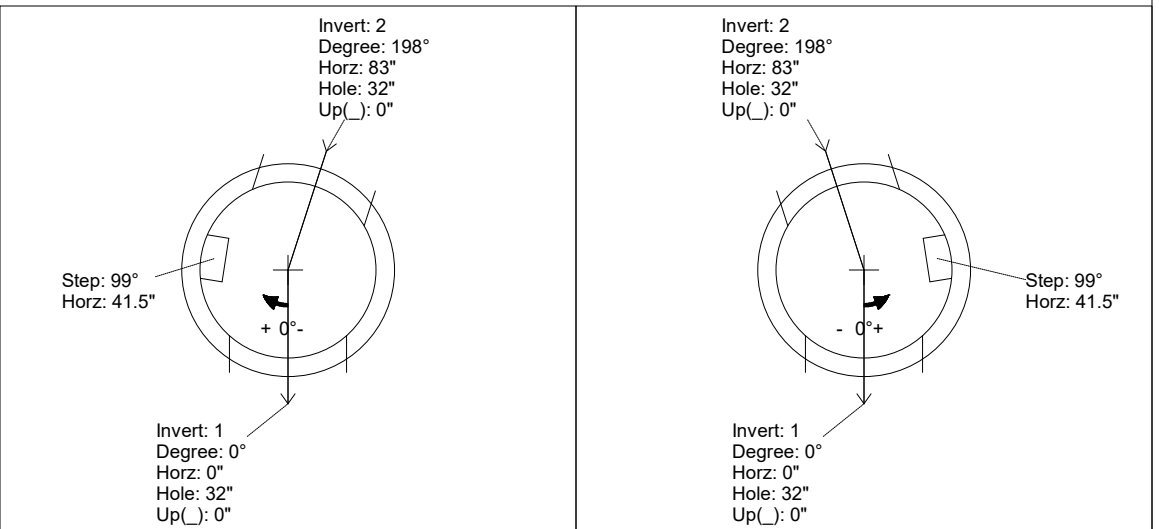
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 745.53' Rim to Invert: 5.96' Slack: 2.52" Sump: 3" Step Position: 99°

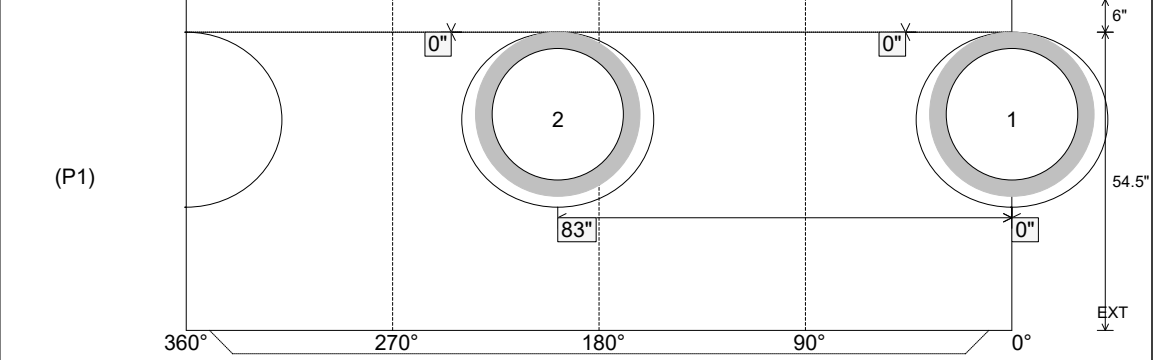
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	739.57'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2	739.57'	198°	100.25"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 54.5" Height (Ext): 60.5"	Weight (Net): 4411 lb Volume (Net): 1.13cu.yd
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