

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

Plant: 100  
 4/2/2026 7:49:55 PM

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



**Structure ID: CB13B**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht T/n**

- P3) 24" x 36" - CASTING HEIGHT - 6"
- P2) 24" x 36" - BOX RISER 8inW F/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 34"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 22"

0 lb  
 1837 lb  
 4355 lb  
 0 lb  
 0 lb  
 -----  
 6192 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. CASTING SUPPLIED BY OTHERS (HOE-525).

REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

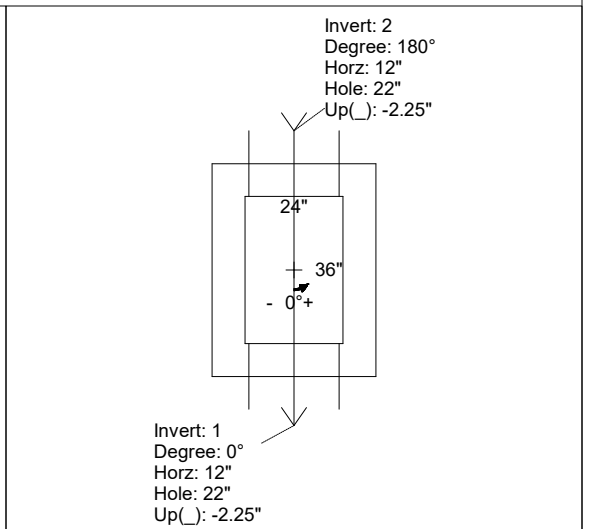
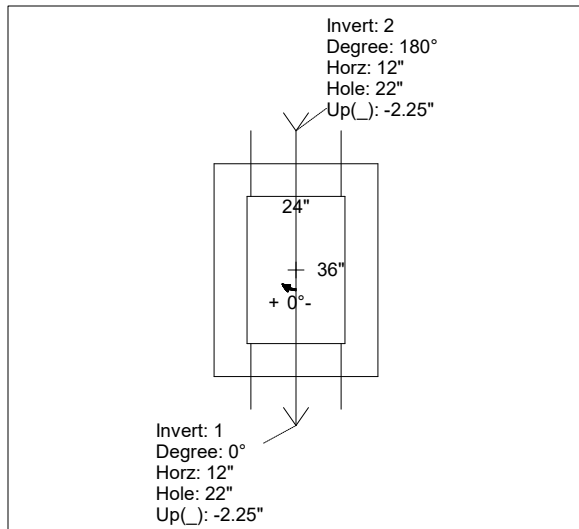
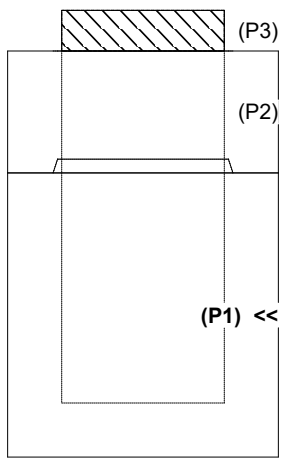
Structure Total: 6192 lb

Rim: 740.92' Rim to Invert: 4.87' Slack: 0.44" Sump: 0" Step Position:

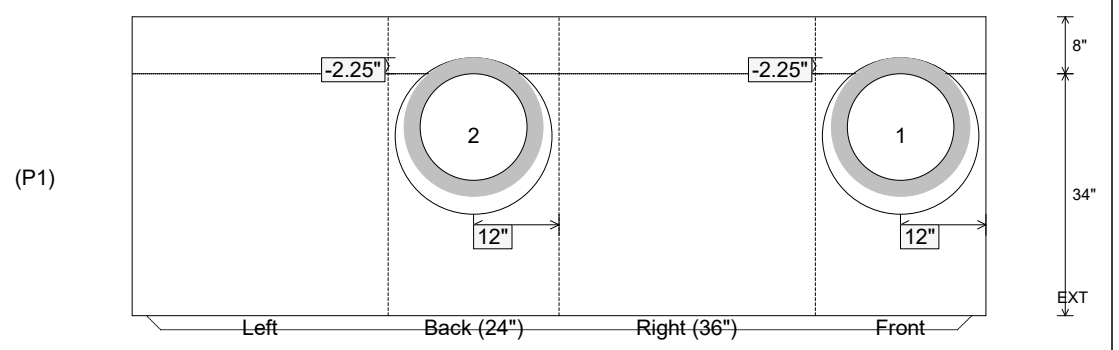
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	736.05'	0°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"
Invert 2	736.05'	180°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 34" Height (Ext): 42"	Weight (Net): 4355 lb Volume (Net): 1.11cu.yd
----------------------------------	---------------------------------	--	--	--