

Job Name: 25-3310 - Mammoth Cave NP-MACA 12

Job Location: Mammoth Cave , KY

Contractor: Phillips Brothers

Plant: 100

5/5/2026 5:08:55 PM

Tech: J. Horsley - F

PC: C. Goff



Structure ID: SAN

P3 MH048RS24

MH RISER T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - ECC CONE w/ 24" HOLE F/G - 42"

P3) 48" - MH RISER T/G - 24"

P2) 48" - MH RISER Custom Ht T/F - 62"

P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

3) 48" - Conseal CS-102 1.00" (Double)

2) DOGHOUSE - 12"x16"

1) PSX - 12-08 NYLO

11) MH Step ML-10-TDS-NCR - 10"

0 lb

3200 lb

1677 lb

4137 lb

0 lb

0 lb

0 lb

0 lb

0 lb

8 lb

0 lb

Structure Total: 9022 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. CASTING SUPPLIED BY OTHERS - MC-350

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER/WALLS (As .18)

Rim: 738.5'

Rim to Invert: 10.96'

Slack: 0.52"

Sump: 4"

Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

(P4)

(P3) <<

(P2)

(P4)

RIGHT-SIDE UP VIEW (int. dimensions)

+ 0°-

Step: 270°

Horz: 113.125"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

(P3)

EXT

24"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 24"

Height (Ext): 24"

Weight (Net): 1677 lb

Volume (Net): 0.43cu.yd