

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

Plant: 100

4/10/2026 8:42:35 AM

Tech: J. Coppage - F

PC: C. Goff



**Structure ID: CB22B**

**P3 GR24x36x8x3**

**GRADE RING**

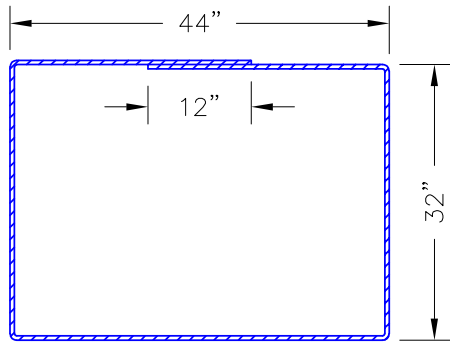
- P4) 24" x 36" - CASTING HEIGHT - 6"
- P3) 24" x 36" - GRADE RING - 3"
- P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"
- P1) 48" - MH BASE - 30"
- 1) 48" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb  
 306 lb  
 1300 lb  
 3088 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
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 Structure Total: 4694 lb

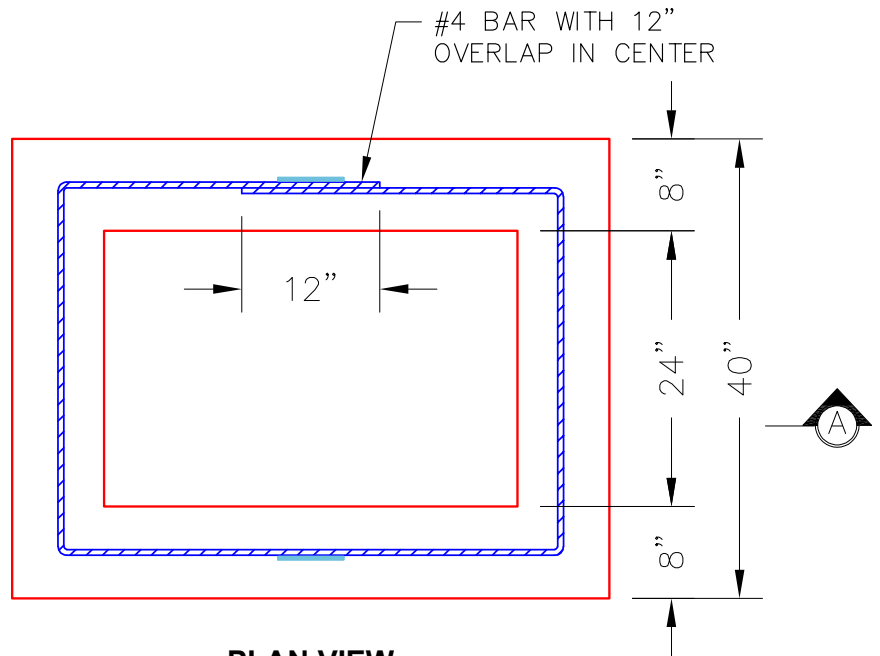
**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO INVERT CHANNEL.  
 4. CASTING SUPPLIED BY OTHERS (HOE-525).  
  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**NOTES:**

- 1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
- 2. CONCRETE = 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #4 BAR AS SHOWN (GRADE 60 KSI).
- 4. LIFTS: 2 EA. CONAC .8 TON WIRE ROPE ANCHORS REQUIRED.

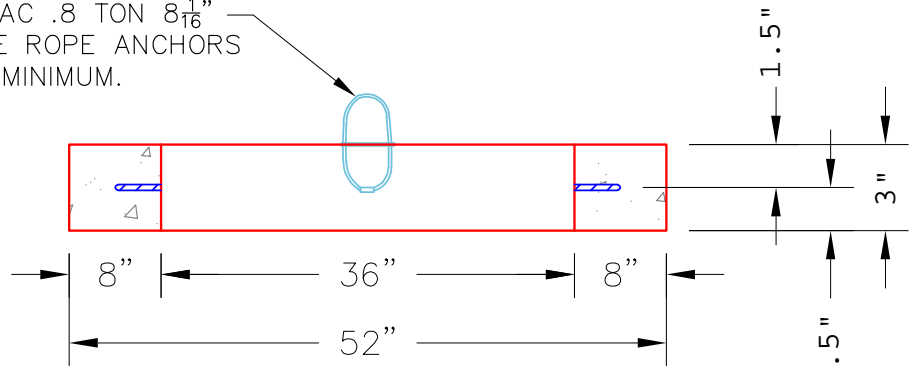


**#4 BAR REINFORCING**



**PLAN VIEW**

2 EA. CONAC .8 TON  $8\frac{1}{16}$ " (6MM) WIRE ROPE ANCHORS REQUIRED—MINIMUM.



**SECTION A-A**

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 3"

Weight (Net): 306 lb  
 Volume (Net): 0.08cu.yd