

Job Name: 26-2805 - ARV Vaults
Job Location: Brandenburg, KY
Contractor: Twin States Utilities, Inc.

Plant: 100

7/22/2026 5:15:37 PM

Tech: Jared - A

PC: Thomas Ryan



Structure ID: QL1 W-ARV 3

P3 MH048LD12CC

MH FLAT TOP w/ 24" Center Hole F/G

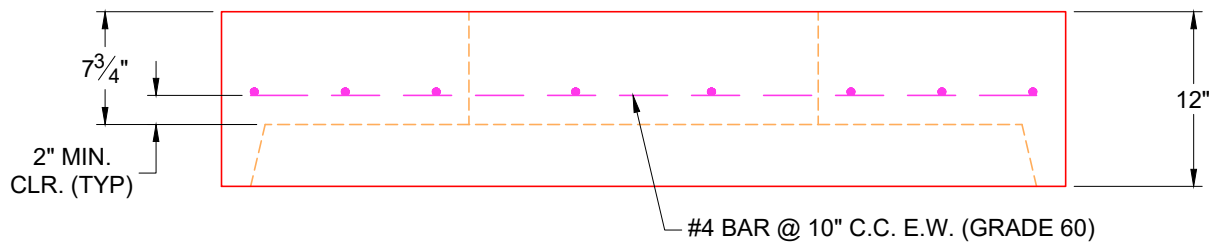
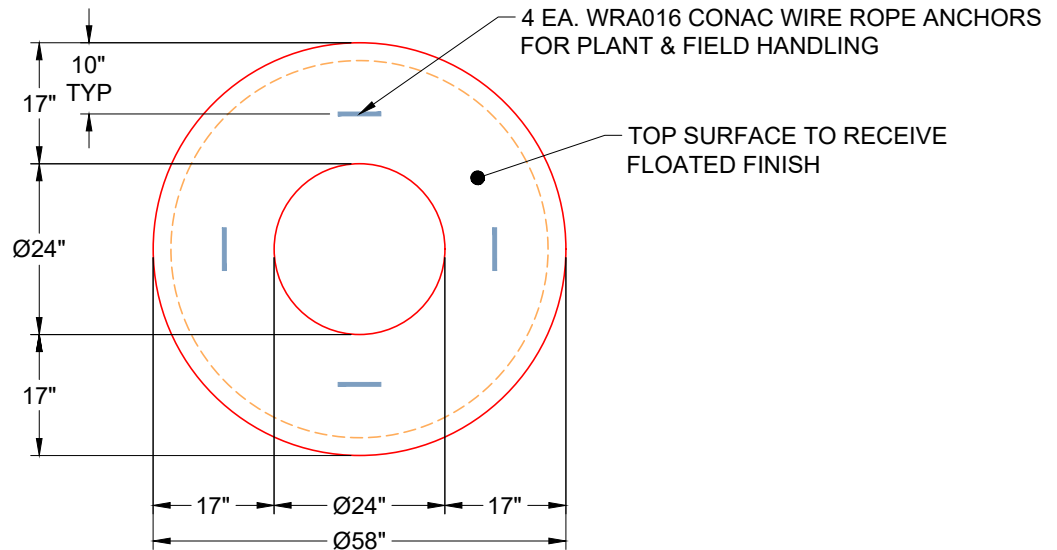
P4) 24" - CASTING HEIGHT - 7"
P3) 48" - MH FLAT TOP w/ 24" Center Hole F/G - 12"
P2) 48" - MH DH RISER T/F - 48"
P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
1) CASTING - HOE MC-315 F/C Water
2) 48" - Con Seal CS-102 1.00" (Double)
1) 24" - Con Seal CS-102 1.00" (Double)
2) DOGHOUSE - 20"x22"

0 lb
1580 lb
2998 lb
0 lb
258 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 4836 lb

Structure Notes:

1. HOE MC-315 F/C WATER PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1580 lb
Volume (Net): 0.39cu.yd