

Job Name: 25-4665 - Buckhorn WTP
Job Location: Hazard, KY
Contractor: Smith Contractors, Inc.

Plant: 100

Tech: J. Horsley

8/5/2026 7:39:29 AM

PC: E. Bradley



Structure ID: 54665 (4)

P10 MH144LD18S

MH FLAT TOP w/(2) 48"x36" & (1) 30"x30" Hatches

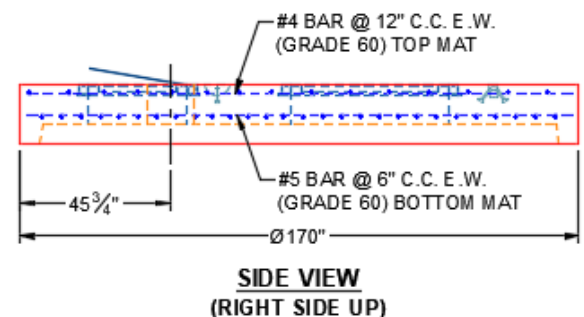
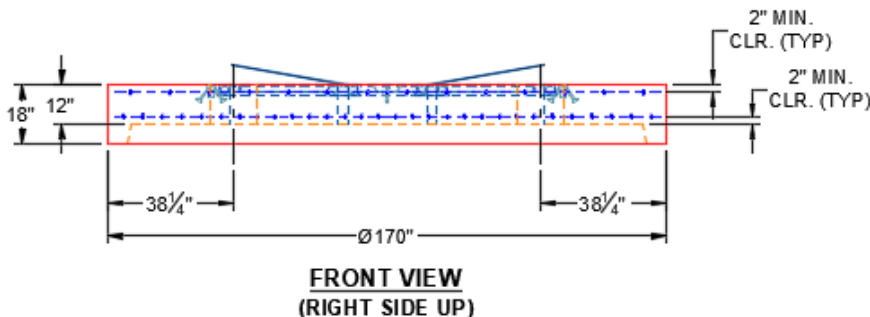
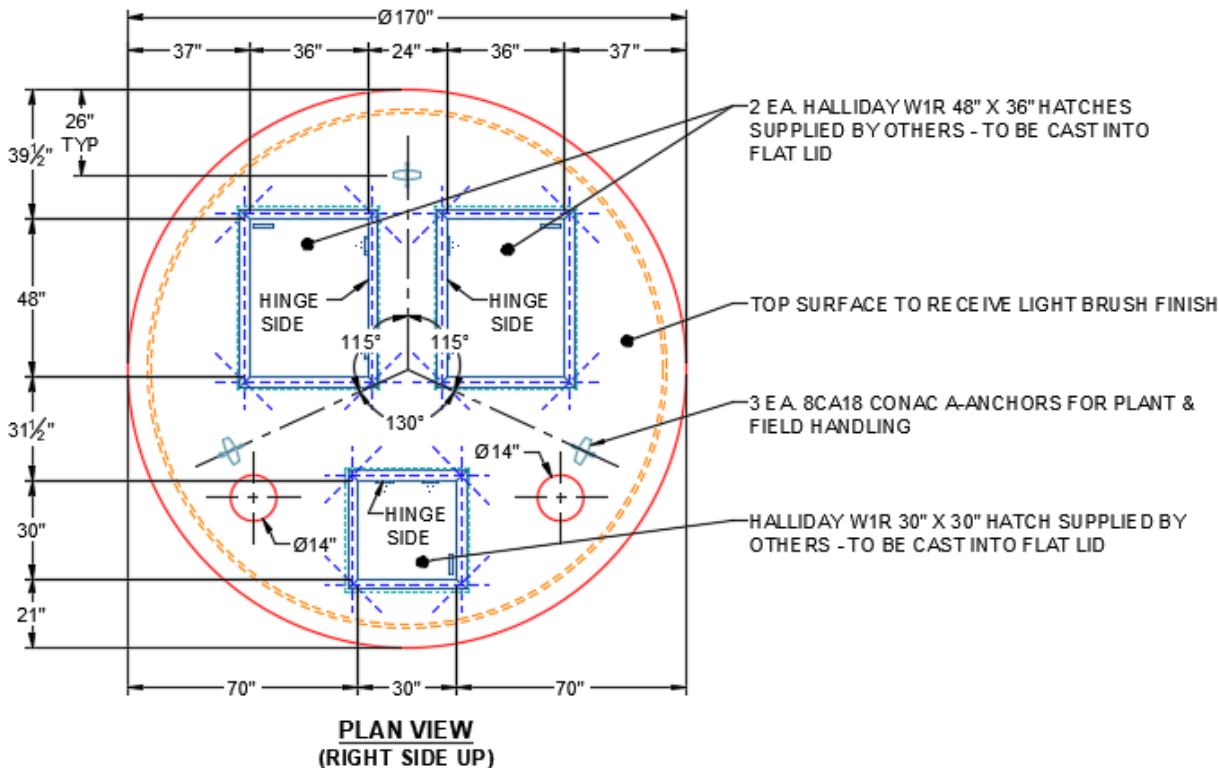
- P11) 48" x 36" - HATCH (CAST FLUSH) - 0"
P10) 144" - MH FLAT TOP w/(2) 48"x36" & (1) 30"x30" Hatches F/G - 18"
P9) 144" - MH RISER Custom Ht T/G - 67"
P8) 144" - MH RISER Custom Ht T/G - 67"
P7) 144" - MH RISER Custom Ht T/G - 81"
P6) 144" - MH RISER Custom Ht T/G - 80"
P5) 144" - MH RISER Custom Ht T/G - 29"
P4) 144" - MH RISER Custom Ht T/G - 74"
P3) 144" - MH RISER Custom Ht T/G - 74"
P2) 144" - MH RISER Custom Ht T/F - 74"
P1) 144" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
8) JOINT WRAP - 12" WD x 144" MAC WRAP
1) SECONDARY POUR - Intermediate Slab (In Riser P5)
1) This Structure Includes a Cast-in Item - Hatches (Supplied by Others)
4) Stainless Steel Strap - 3"W x 24"L Stainless Steel Strap
9) 144" - Conseal CS-231 1.00" (Double)
1) A-Lok - 0630

100 lb
19696 lb
36049 lb
36049 lb
43581 lb
43043 lb
15603 lb
39815 lb
39815 lb
39445 lb
0 lb
0 lb
13500 lb
0 lb
0 lb
0 lb
1 lb

Structure Total: 326699 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. REINFORCEMENT PER ASTM A615.
4. NO STEPS
5. 2 EA. HALLIDAY W1R 48"x36" HATCHES & 1 EA. HALLIDAY W1R 30"x30" HATCH SUPPLIED BY OTHERS TO BE CAST INTO FLAT LID.
6. LADDER SUPPLIED BY OTHERS.
7. 4 EA. 3"W x 24"L S.S.STRAPS. SUPPLIED BY ICAST.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 13"

Height (Ext): 18"

Weight (Net): 19696 lb
Volume (Net): 5.03cu.yd