

Job Name: 26-2697 - Prestonsburg Yard Vault
Job Location: Prestonsburg, KY
Contractor: Prestonsburg City Utilities

Plant: 100

6/25/2026 7:04:52 PM

Tech: Jared - F
PC: M. Sullivan



Structure ID: YARD VAULT 2

P3 MH048LD12S

MH FLAT TOP w/30"x30" Hole F/G

P4) 30" x 30" - HATCH (CAST FLUSH) - 3"
P3) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
P2) 48" - MH RISER T/F - 48"
P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
1) HATCH (Alum.) - HALLIDAY W1S 30"x30"
2) 48" - Con Seal CS-102 1.00" (Double)
1) 30" x 30" - Con Seal CS-102 1.00" (Double)
2) Hole - 10

100 lb
1350 lb
3287 lb
0 lb
62 lb
0 lb
0 lb
0 lb
0 lb

Structure Total:

4799 lb

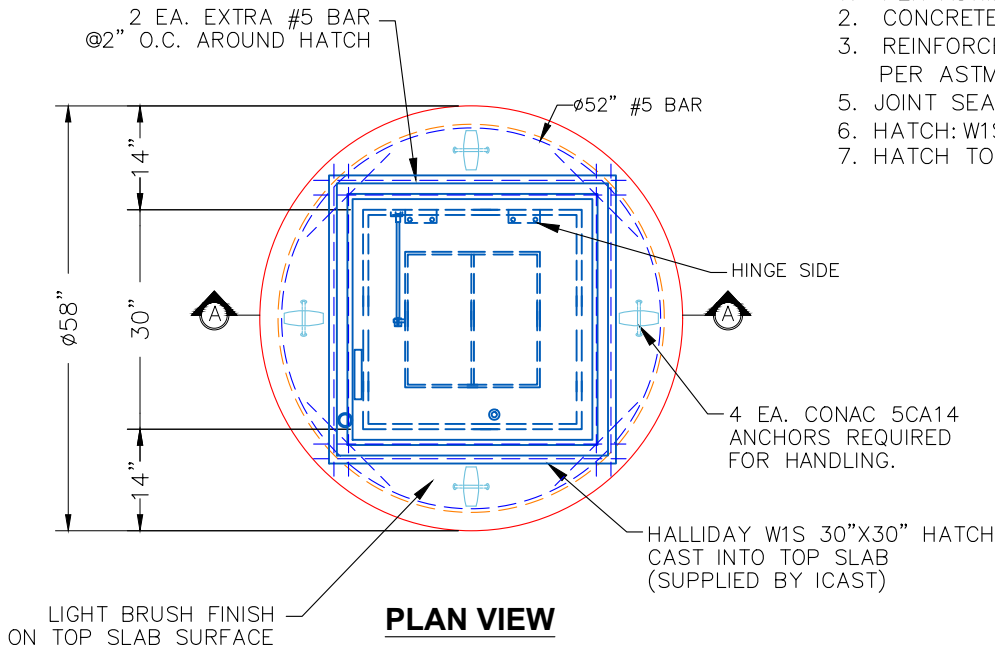
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH SUPPLIED BY I-CAST (HALLIDAY W1S 30"x30")(CAST-IN).

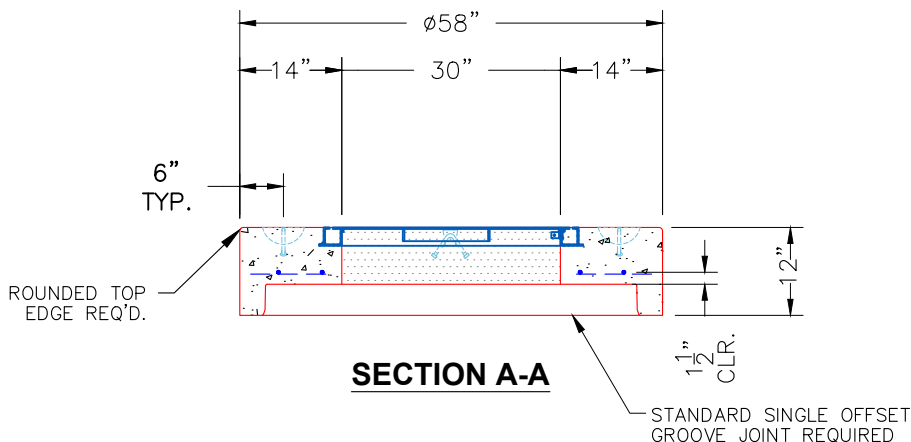
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER (As .12)

NOTES:

1. PER ASTM C-478 LATEST REVISION
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCEMENT: #5 BAR @ 6" C.C.E.W.
PER ASTM A615 (GRADE 60)
5. JOINT SEALANT - 1" CS-102-DOUBLE
6. HATCH: W1S 30"x30" HATCH IS PROVIDED BY ICAST.
7. HATCH TO BE CAST INTO TOP SLAB.



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1350 lb
Volume (Net): 0.33cu.yd