

Job Name: 25-3187 - Carter Caves WTP Upgrades Ph 3
Job Location: Olive Hill, KY
Contractor: Walker Principles

Plant: 100

7/6/2026 11:03:59 AM

Tech: J. Horsley

PC: E. Bradley



Structure ID: RAS/WAS WW

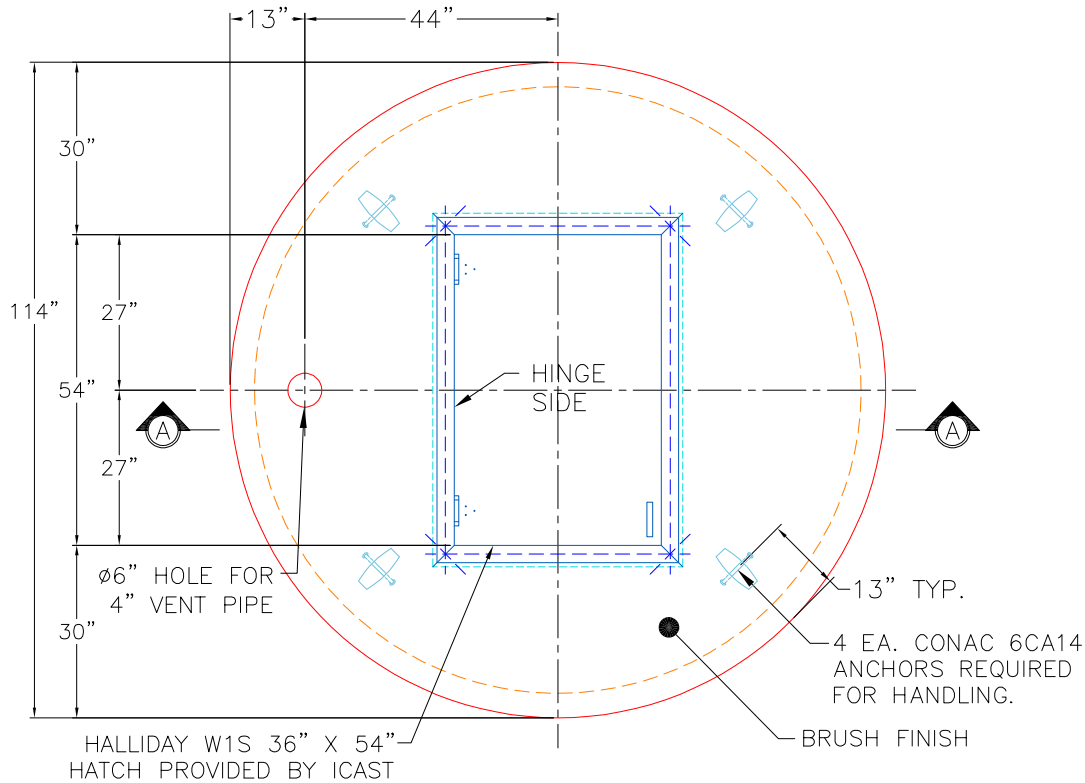
P5 MH096LD17SP

MH FLAT TOP w/36"x54" Hatch

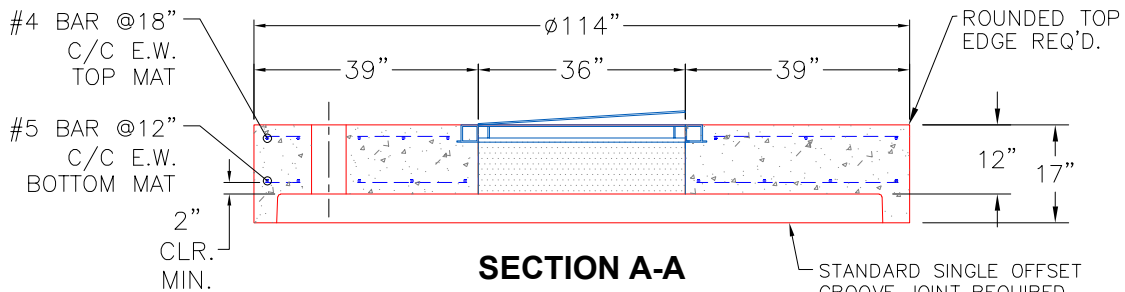
- P5) 96" - MH FLAT TOP w/36"x54" Hatch - 17"
P4) 96" - MH RISER Custom Ht - 88"
P3) 96" - MH RISER - 96"
P2) 96" - MH RISER - 96"
P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) - 12"
4) JOINT WRAP - 12" WD x 096" MAC WRAP
1) HATCH (Alum.) - HALLIDAY W1S 36"x54"
4) 96" - Conseal CS-231 1.00" (Double)
1) A-Lok - 0150
2) Quik-Lok - QL-04-C
5) A-Lok - 0225

- 8969 lb
21734 lb
23881 lb
23881 lb
19580 lb
0 lb
107 lb
0 lb
1 lb
2 lb
5 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO STEPS / NO INVERT CHANNEL.
4. HATCH BY ICAST (HALLIDAY W1S 36"x54")
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .24)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total: 98160 lb



PLAN VIEW



SECTION A-A

NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. REINFORCING: PER ASTM A615 (GRADE 60)
TOP LAYER: #4 BAR @ 18" C-C E.W.
BOTTOM LAYER: #5 BAR @ 12" C-C E.W.
4. WEIGHT: 8,969 LBS.
5. HATCH: HALLIDAY W1S 36" X 54" PROVIDED BY ICAST.
6. HATCH TO BE CAST INTO TOP OF LID.

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 9"

Height (Ext): 17"

Weight (Net): 8969 lb
Volume (Net): 2.29cu.yd