

Job Name: 26-1814 - Brownsville Sewer System Additions
Job Location: Cave City, KY
Contractor: Luttrell & Sons, LLC

Plant: 100

8/4/2026 6:58:24 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: QL3

P3 MH096LD17SP

MH FLAT TOP w/37"x59" Hatch F/G

- P4) 37" x 59" - HATCH (CAST FLUSH) - 3"
P3) 96" - MH FLAT TOP w/37"x59" Hatch F/G - 17"
P2) 96" - MH RISER Custom Ht T/G - 85"
P1) 96" - MH BASE EF Cust. Ht. 12"F (12"EF = 138"OD) T/n - 60"
2) JOINT WRAP - 12" WD x 096" MAC WRAP
2) 96" - Con Seal CS-231 1.00" (Double)
3) PSX - 8QRS-S NYLO
1) PSX - 12-08 NYLO

Structure Total:

100 lb
8296 lb
20973 lb
30008 lb
0 lb
0 lb
20 lb
8 lb

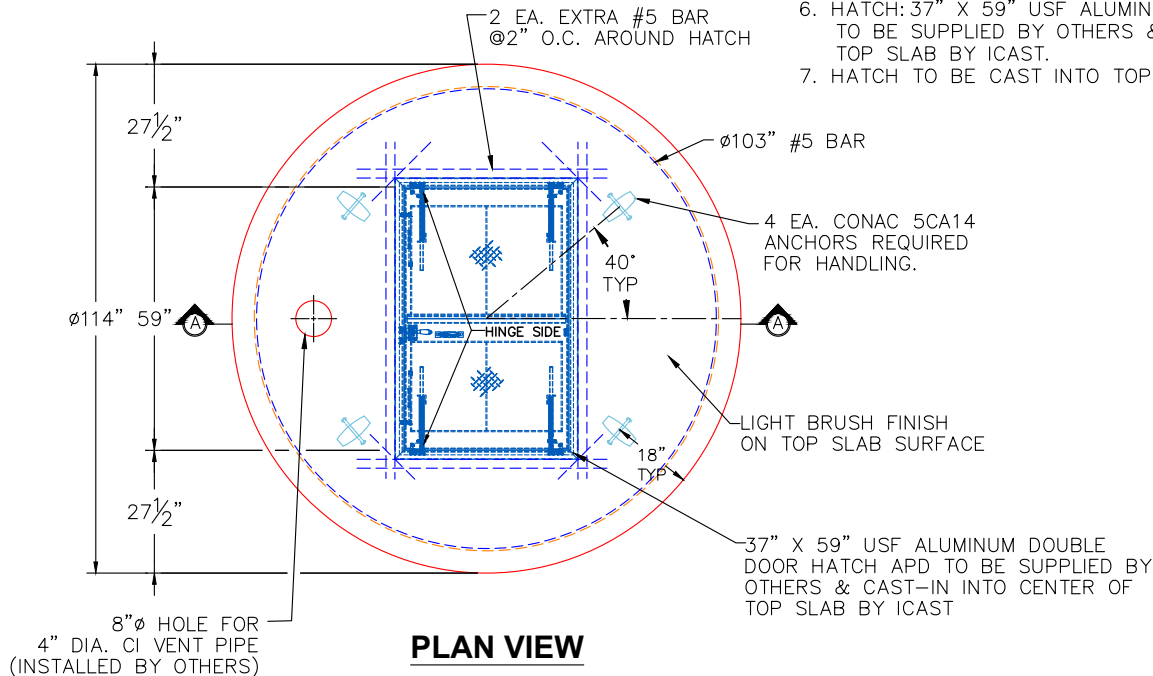
59404 lb

Structure Notes:

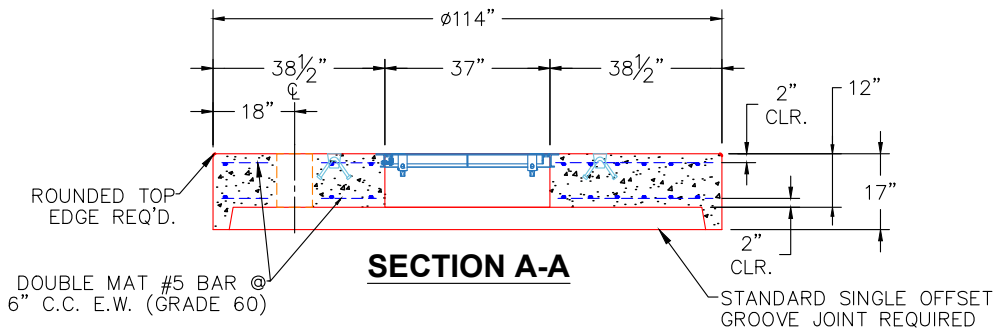
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. 37" X 59" USF ALUMINIUM DOUBLE DOOR HATCH APD TO BE SUPPLIED BY OTHERS & CAST-IN INTO CENTER OF TOP SLAB BY ICAST.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)
 - RISER/WALLS (As .24)
 - FLOOR (As .47) TOP AND BTM LAYER AT #5 BARS AT 12" C.C.E.W.

NOTES:

1. PER ASTM C-478 LATEST REVISION
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
 - TOP LAYER - #5 BAR @ 6" C.C.E.W.
 - BTM LAYER - #5 BAR @ 6" C.C.E.W.PER ASTM A615 (GRADE 60).
4. JOINT SEALANT - 1" CS-231-DOUBLE.
5. EXTERIOR WRAP - 12" MACWRAP. (SUPPLIED BY ICAST).
6. HATCH: 37" X 59" USF ALUMINUM DOUBLE DOOR HATCH APD TO BE SUPPLIED BY OTHERS & CAST-IN INTO CENTER OF TOP SLAB 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: 9"

Height (Ext): 17"

Weight (Net): 8296 lb
Volume (Net): 2.12cu.yd