

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam
6/9/2026 10:40:31 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R53

P3 MH048LD08SP

MH FLAT TOP - TDOT D-RJB-1 (SOLID) F/F

P3) 48" - MH FLAT TOP - TDOT D-RJB-1 (SOLID) F/F - 8"
P2) 48" - MH RISER Custom Ht F/G - 44"
P1) 48" - MH BASE Custom Ht T/n - 34"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
2) 48" - Conseal CS-102 1.00"
3) Hole - 26

Structure Total:

1774 lb
2841 lb
3239 lb
1075 lb
0 lb
0 lb

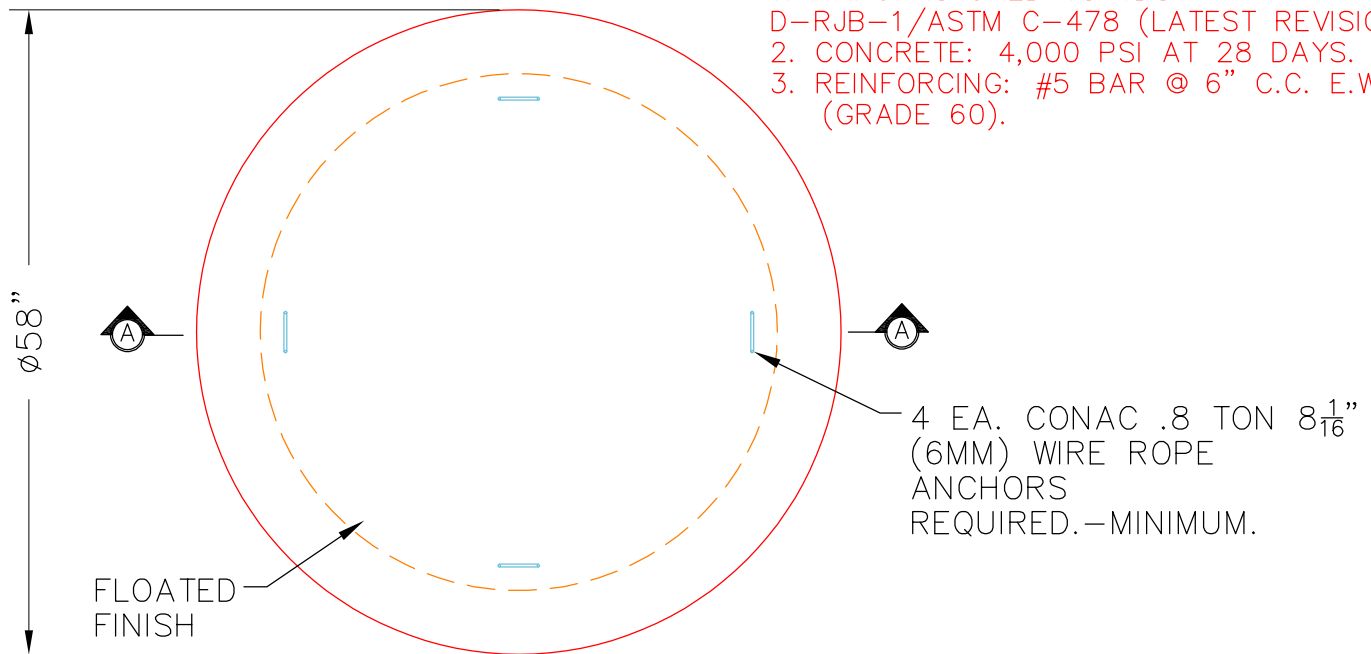
8928 lb

Structure Notes:

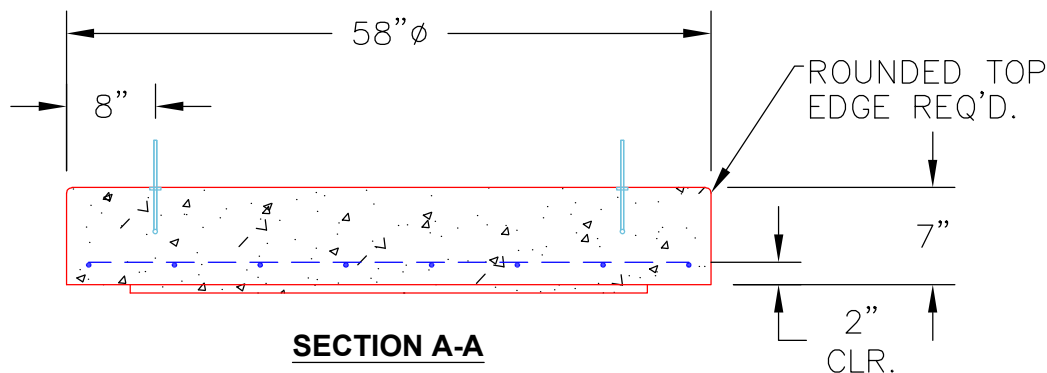
1. PER TDOT D-RJB-1 / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-RJB-1 **
- TOP SLAB (As .42) #5 BARS AT 10" C.C.E.W.
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

NOTES:

1. MANUFACTURED TO TDOT D-RJB-1/ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60).



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 8"

Weight (Net): 1774 lb
Volume (Net): 0.45cu.yd