

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

Plant: Beaver Dam

6/9/2026 10:40:21 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R15A

P3 MH048LD07-28SQ

MH FLAT TOP w/28"x28" Hole F/F

- P4) 28" x 28" - CASTING HEIGHT - 5"
P3) 48" - MH FLAT TOP w/28"x28" Hole F/F - 7"
P2) 48" - MH RISER Custom Ht F/G - 16"
P1) 48" - MH BASE T/n - 72"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 3104-V SINGLE SET
2) 48" - Conseal CS-102 1.00"
1) 28" x 28" - Conseal CS-102 1.00"
3) Hole - 26
7) MH Step ML-10-TDS-NCR - 10"

0 lb
1091 lb
1118 lb
5660 lb
1075 lb
250 lb
0 lb
0 lb
0 lb
0 lb

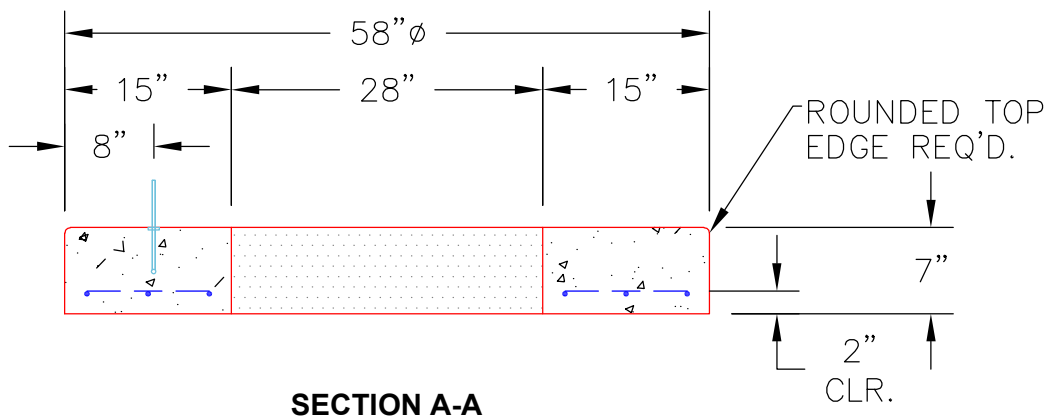
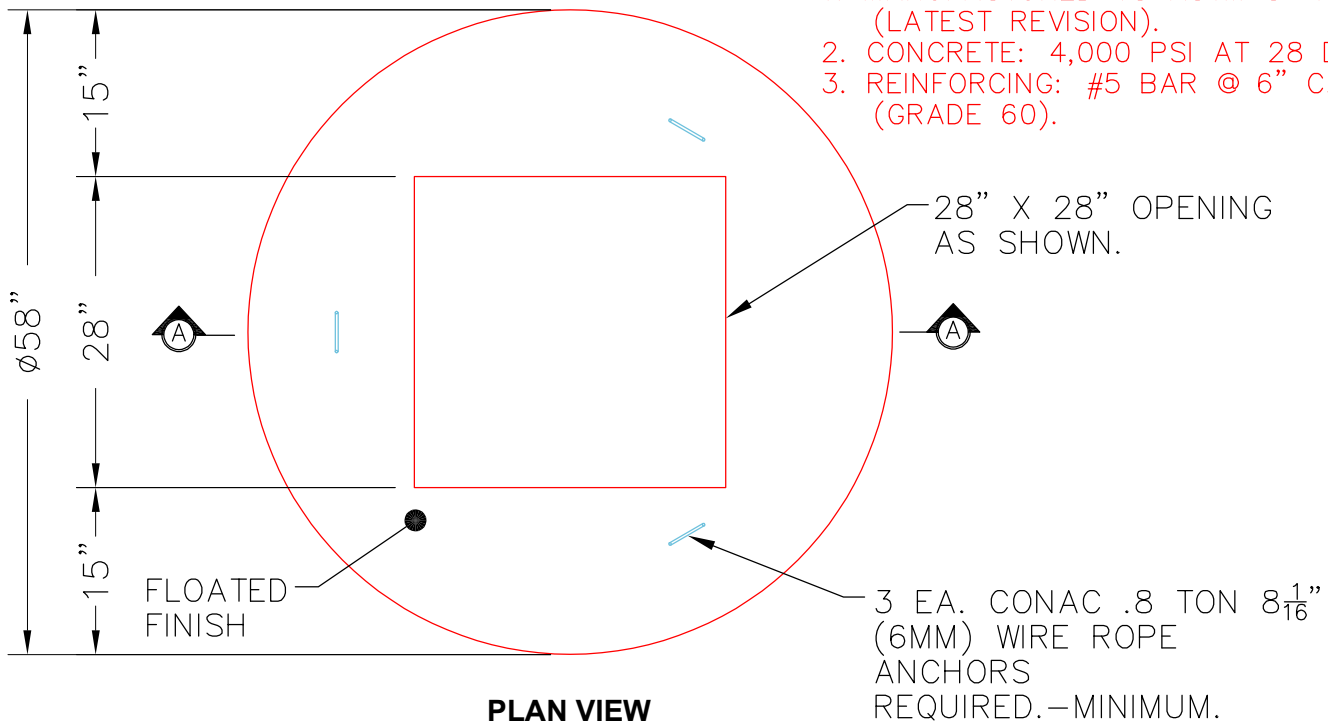
Structure Total: 9195 lb

Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3104 SINGLE SET).

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

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



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 7"

Weight (Net): 1091 lb
Volume (Net): 0.28cu.yd