

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

Plant: Beaver Dam
6/9/2026 10:40:29 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R49

P3 MH060LD13

MH FLAT TOP w/ 24" ECC Hole F/G

P5) 24" - CASTING HEIGHT - 7"
P4) 24" - GRADE RING F/F - 6"
P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"
P2) 60" - MH RISER T/G - 48"
P1) 60" - MH BASE T/h - 72"
1) 60" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 1150 F/C STORM
2) 60" - Conseal CS-102 1.00"
2) Hole - 48
10) MH Step ML-10-TDS-NCR - 10"

Structure Total:

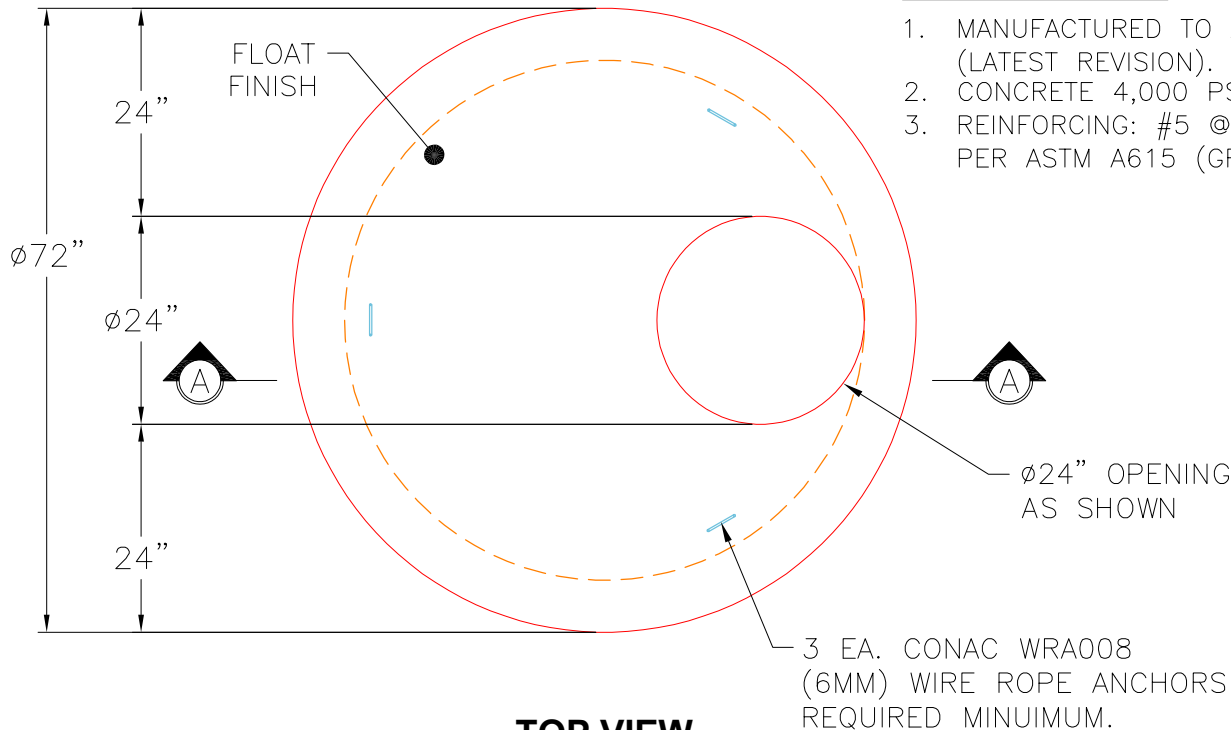
0 lb
405 lb
2869 lb
5011 lb
8196 lb
1700 lb
250 lb
0 lb
0 lb
0 lb
18431 lb

Structure Notes:

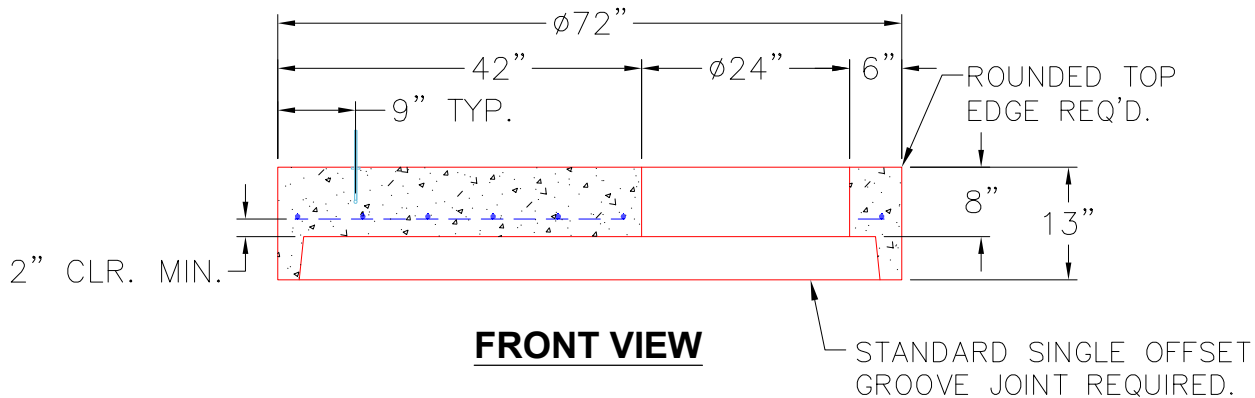
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (JBS 1150 F/C "STORM").
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 @ 6" C.C. E.W. PER ASTM A615 (GRADE 60)



TOP VIEW



FRONT VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 13"

Weight (Net): 2869 lb
Volume (Net): 0.73cu.yd