

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

Plant: Beaver Dam

6/9/2026 10:40:16 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R5A

P2 MH048LD10SP

MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F

- P3) 20" x 34" - CASTING HEIGHT - 7"
P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10"
P1) 48" - MH BASE Custom Ht F/n - 65"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 3123 MODIFIED SET
1) 48" - SGL 1"x14.5' Butyl (2x)
2) Hole - 26

Structure Total:

0 lb
1646 lb
5405 lb
1075 lb
250 lb
0 lb
0 lb

8376 lb

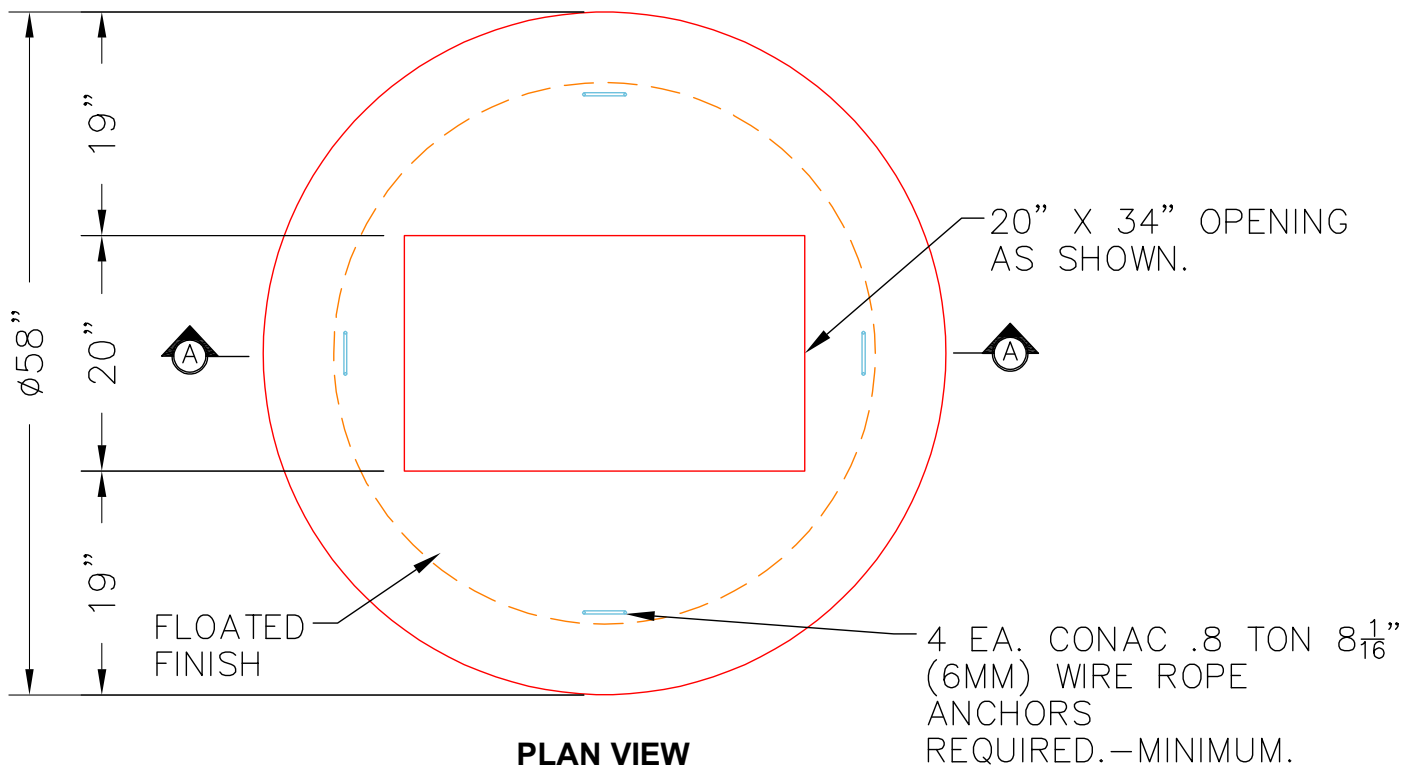
Structure Notes:

1. PER TDOT D-CB-10RA / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS-3123 MOD SET).

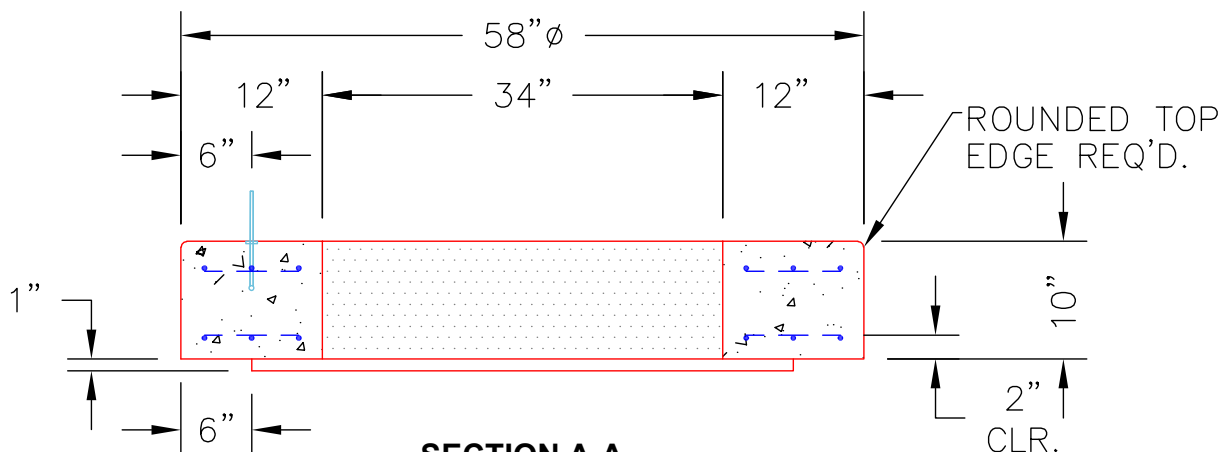
REINFORCING PER ASTM A615 (GRADE 60).

** PER TDOT STD DRAWING D-CB-10RA **

- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .24)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 10"

Weight (Net): 1646 lb
Volume (Net): 0.42cu.yd