

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

Plant: Beaver Dam

6/9/2026 10:40:28 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R43

P3 BX048048-10LD08W-SP

BX FLAT LID 8"W - TDOT 10SB (20"x34" Hole) F/F

- P4) 20" x 34" - CASTING HEIGHT - 7"
P3) 48" x 48" - BX FLAT LID 8"W - TDOT 10SB (20"x34" Hole) F/F - 10"
P2) 48" x 48" - BOX RISER 8inW F/G - 24"
P1) 48" x 48" - BOX BASE 8inW, 8inF T/n - 60"
1) 48" x 48" - STORM INVERT CHANNEL (FLAT) - 4" THK
1) CASTING - JBS 3123 MODIFIED SET
2) 48" x 48" - SGL 1"x14.5' Butyl (2x)
2) Hole - 46
1) Hole - 26

Structure Total:

0 lb
2866 lb
3609 lb
9184 lb
450 lb
250 lb
0 lb
0 lb
0 lb
16359 lb

Structure Notes:

1. PER TDOT D-CB-10SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3123 MOD SET).

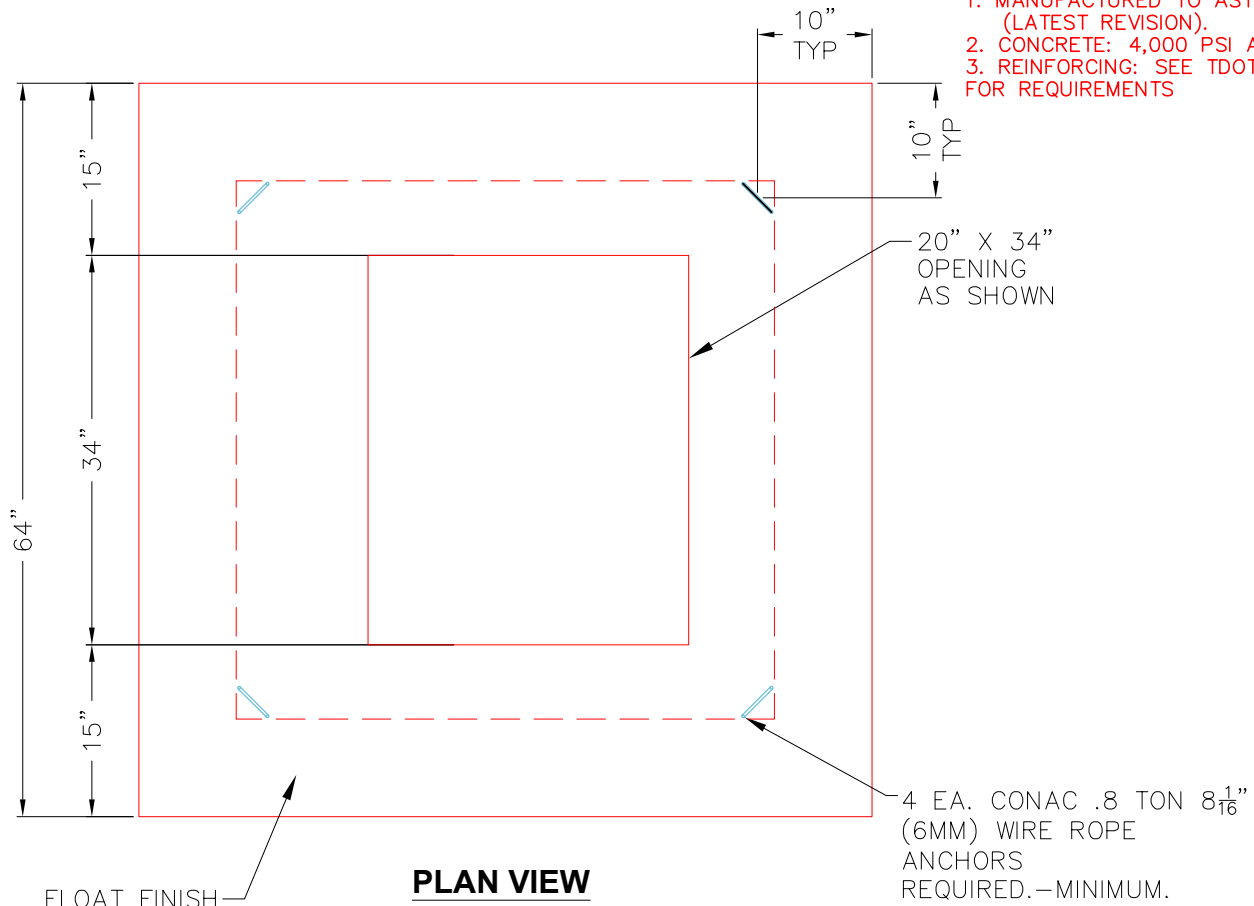
REINFORCING PER ASTM A615 (GRADE 60).

** SEE TDOT STD DRAWING D-CB-10SB **

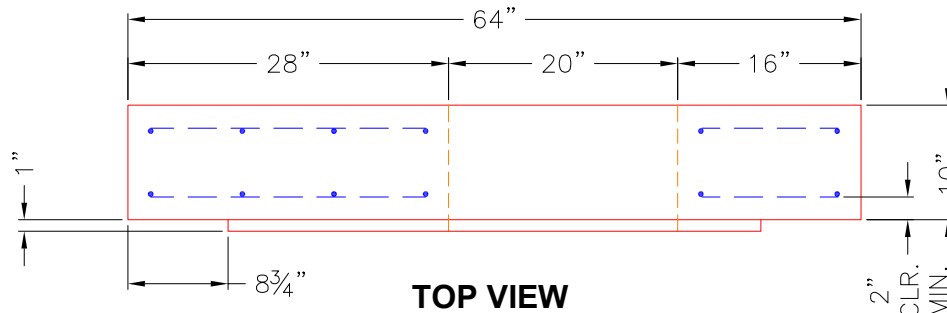
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: SEE TDOT D-CB-10SB FOR REQUIREMENTS



PLAN VIEW



TOP VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 10"

Weight (Net): 2866 lb
Volume (Net): 0.73cu.yd