

Job Name: 26-2436 The Drake Dead-End Manhole
Job Location: Columbia, TN
Contractor: Covenant Constructors, LLC

Plant: Beaver Dam
6/4/2026 2:20:01 PM

Tech: S. Felletter
PC: A. Chambers



Structure ID: QL1 SS-MH

P2 MH048LD12X

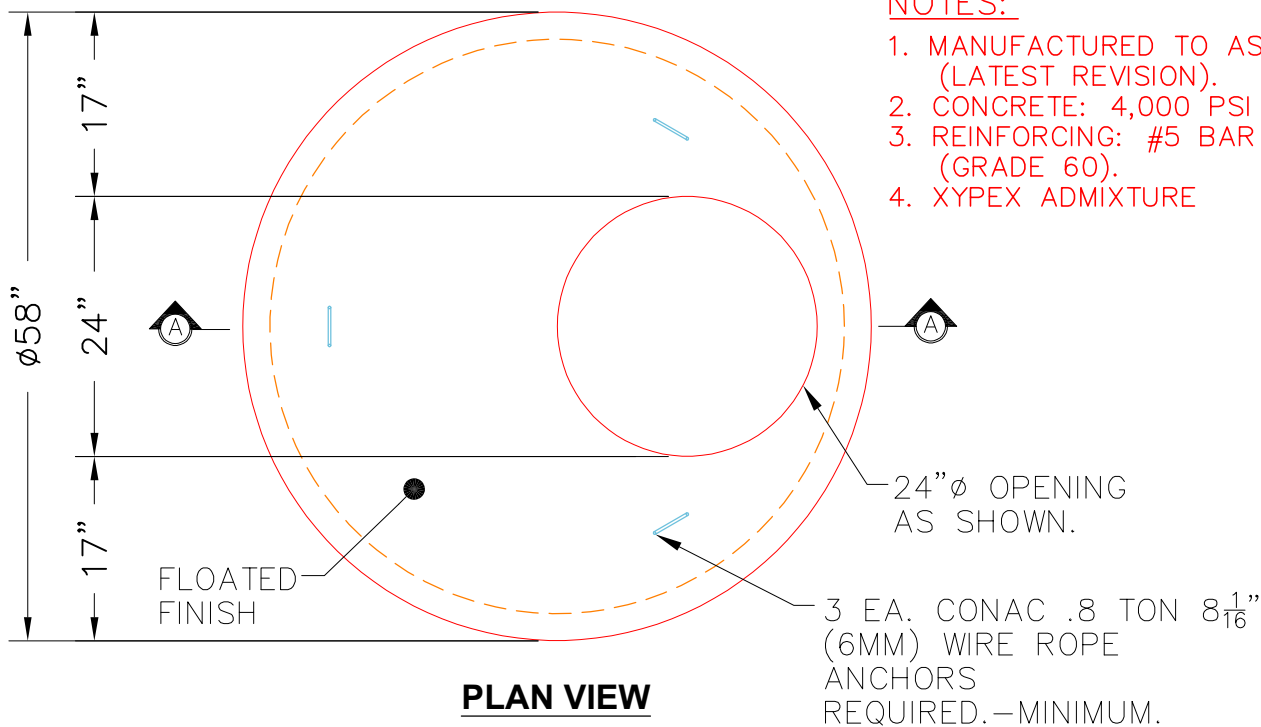
XYPEX MH FLAT TOP w/24" ECC Hole F/G

- P3) 24" - CASTING HEIGHT - 6"
P2) 48" - XYPEX MH FLAT TOP w/24" ECC Hole F/G - 12"
P1) 48" - MH BASE Custom Ht. w/XYPEX T/n - 29"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - JBS 1155 F/C SANITARY
1) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) PSX - 12-08 NYLO

Structure Total: 7211 lb

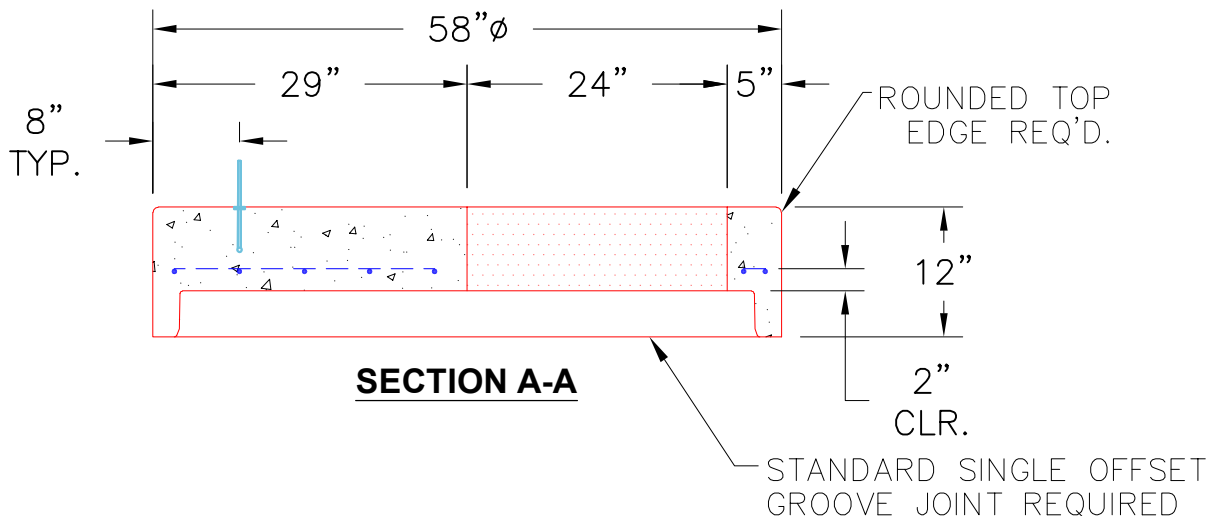
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (JBS 1155 F/C "SANITARY").
- 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).
4. XYPEX ADMIXTURE



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 2205 lb
Volume (Net): 0.56cu.yd