

Job Name: 25-3195 - The Banks Lift Station and Forcemain
Job Location: Gallatin, TN
Contractor: W&O Construction

Plant: 100

5/28/2026 6:53:07 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: WET WELL

P1 MH120SB12CDARED

MH SEPARATE BASE-T EXT. 14" (170" OD) w/CONBLOCK CDA RED

- P7) 48" x 48" - HATCH (CAST FLUSH) - 3.75"
P6) 120" - MH FLAT TOP w/48"x48" Hatch w/ConBlock-CDA Red F/G - 18"
P5) 120" - MH RISER w/CONBLOCK CDA RED T/G - 96"
P4) 120" - MH RISER Custom Ht w/CONBLOCK CDA RED T/G - 86"
P3) 120" - MH RISER Custom Ht w/CONBLOCK CDA RED T/G - 86"
P2) 120" - MH RISER Custom Ht w/CONBLOCK CDA RED T/G - 86"
P1) 120" - MH SEPARATE BASE-T EXT. 14" (170" OD) w/CONBLOCK CDA RED T/n - 12"
1) JOINT WRAP - 12" WD x 120" MAC WRAP
1) ADMIXTURE CONBLOCK CDA RED
1) HATCH (Alum.) - HALLIDAY W2S 48"x48"
5) 120" - Conseal CS-231 1.00" (Double)
1) 48" x 48" - Conseal CS-231 1.00" (Double)
2) Hole - 8
2) Hole - 6
1) PSX - 16Y NYLO

100 lb
14814 lb
36124 lb
32669 lb
32669 lb
32669 lb
29640 lb
0 lb
0 lb
126 lb
0 lb
0 lb
0 lb
0 lb
8 lb

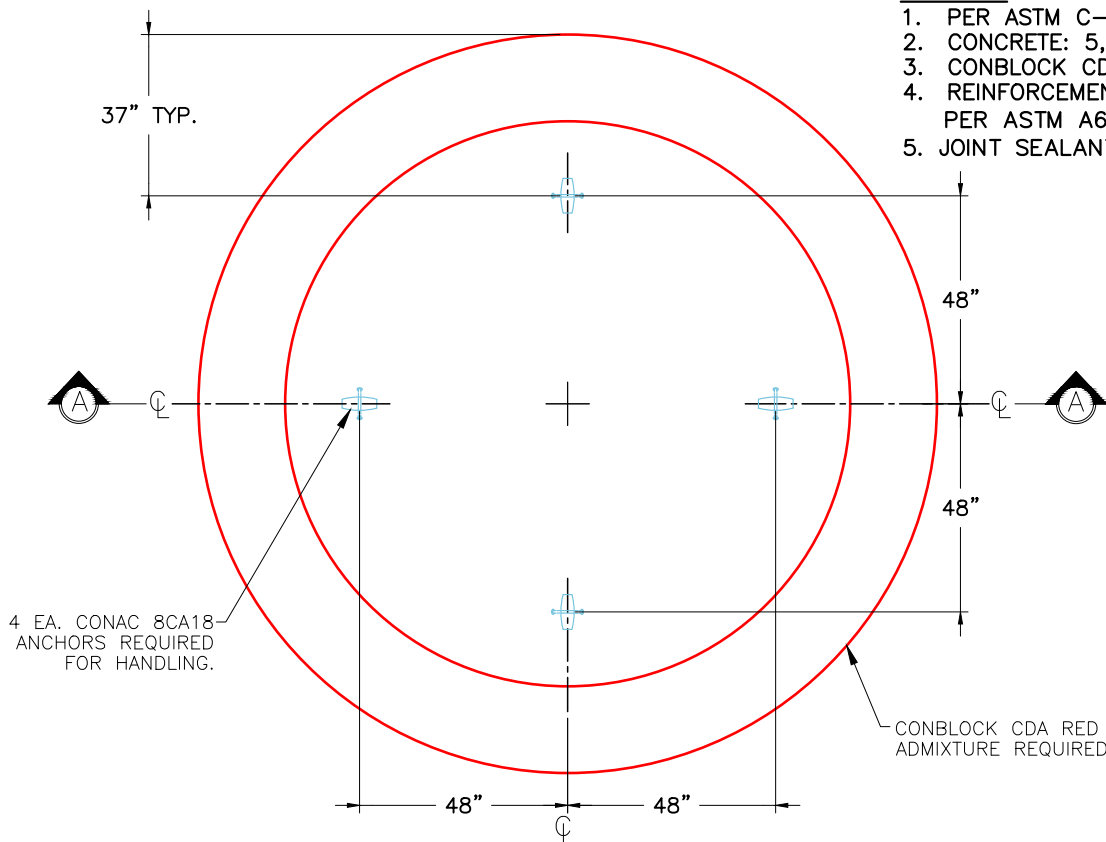
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 5,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. HATCH SUPPLIED BY ICAST (HALLIDAY W2S 48"x48").
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB TOP LAYER = #4 BARS AT 12" C.C.E.W.
- TOP SLAB BTM LAYER = #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .30)
- BOTTOM SLAB TONGUE = #5 BARS AT 6" C.C.E.W.
- BOTTOM SLAB = #6BARS AT 6" C.C.E.W. (DOUBLE MAT)

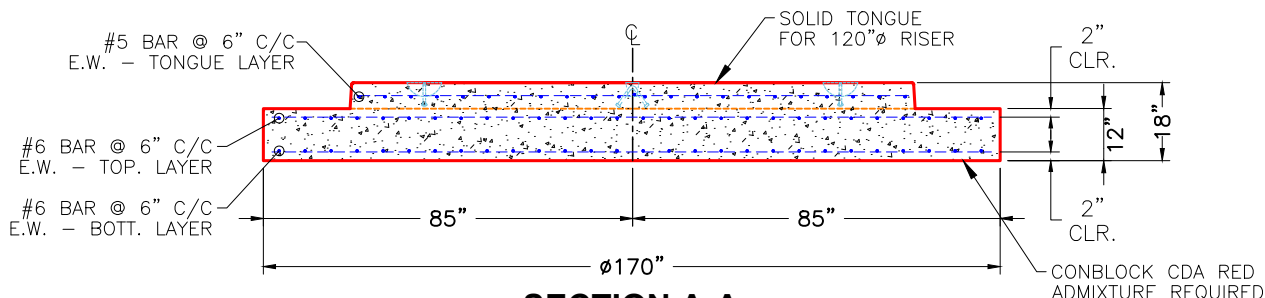
Rim: 458.5' Rim to Invert: 7.94' Slack: 0" Sump: 276.72' Structure Total: 178819 lb Step Position:

NOTES:

1. PER ASTM C-478 LATEST REVISION
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. CONBLOCK CDA RED ADMIXTURE REQUIRED
4. REINFORCEMENT: AS SHOWN BELOW.
PER ASTM A615 (GRADE 60)
5. JOINT SEALANT - 1" CS-231-DOUBLE



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 11"
Floor Height: 12"

Height (Int): 0"
Height (Ext): 0"

Weight (Net): 29640 lb
Volume (Net): 7.57cu.yd