

Job Name: 26-1549 Cowan St. Trunk Sewer
Job Location: Nashville, TN
Contractor: Garney Companies, Inc.

Plant: 100

8/24/2026 11:19:44 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: Sewer Junction Str

P5 MH144LD18XS

MH FLAT TOP w/2x 48"x48" Openings w/XYPEX

P8) 36" x 48" - HATCH (CAST FLUSH) - 0"
P7) 48" x 48" - CB FLAT TOP 8"W w/36"x48" Hatch w/XYPEX - 8"
P6) 48" x 48" - BOX RISER 8inW, Variable Ht w/XYPEX - 14"
P5) 144" - MH FLAT TOP w/2x 48"x48" Openings w/XYPEX - 18"
P4) 144" - MH RISER Custom Ht, w/XYPEX - 51"
P3) 144" - MH RISER w/XYPEX - 96"
P2) 144" - MH RISER w/XYPEX - 96"
P1) 144" - MH BASE EXT OCTAGON (18"F) Custom Ht, w/XYPEX - 100"
2) HATCH (Alum.) - HALLIDAY H1W 36"x48"
1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE XYPEX C-1000 RED
1) SECONDARY POUR - EXT. FLANGE
4) 144" - Conseal CS-102 1.00" (Double)
2) 48" x 48" - Conseal CS-102 1.00" (Double)
1) 36" x 48" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1840
2) A-Lok - 1040

100 lb
1590 lb
2105 lb
19896 lb
27440 lb
51652 lb
51652 lb
86788 lb
470 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
2 lb
2 lb

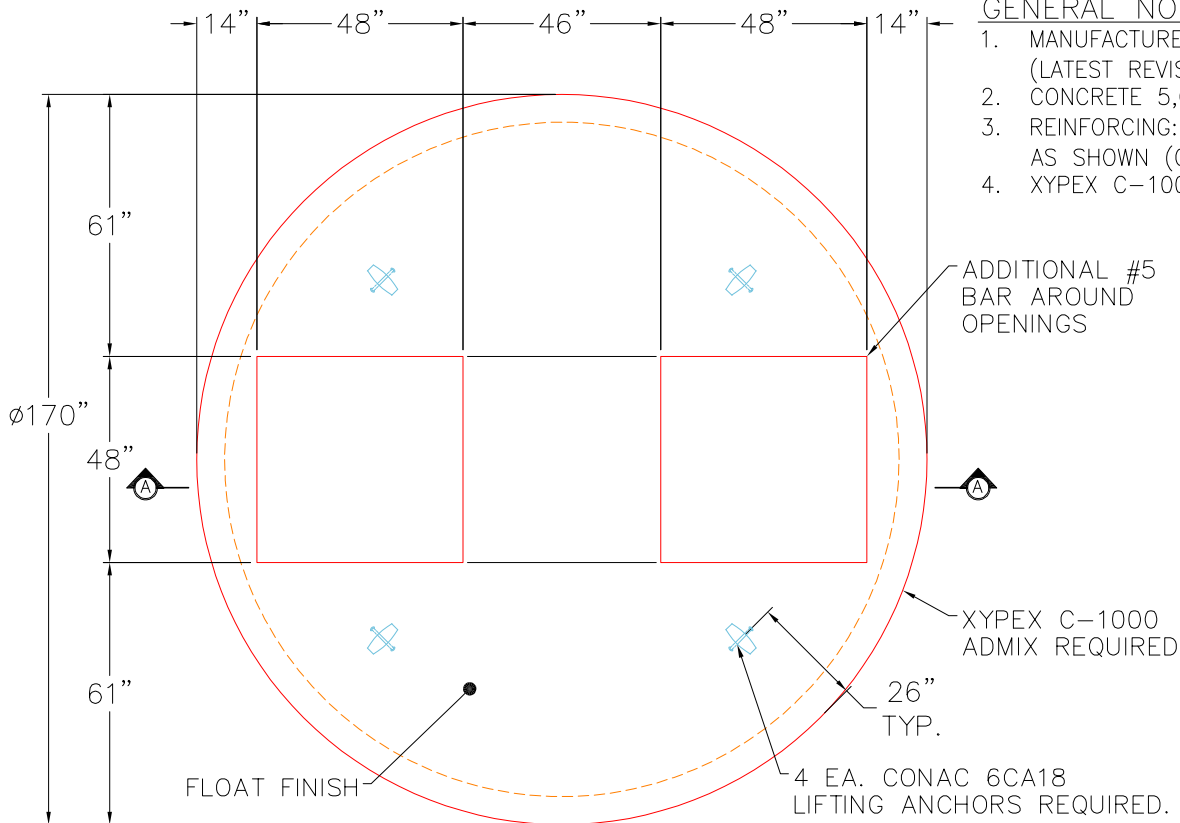
Structure Notes:

- PLAN LABEL: SEWER JUNCTION STRUCTURE
- 2X HALLIDAY H1W 36"x48" PROVIDED BY ICAST.
 - PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - ADMIXTURE = XYPEX C-1000 RED.
 - REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .36)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
 - ANY REQUIRED INTERIOR EPOXY COATING TO BE SUPPLIED & INSTALLED BY OTHERS
 - FUTURE FINAL RIM EL 417.47' TO BE USED FOR DESIGN SOIL LOAD CONDITIONS.
 - **NO STEPS****

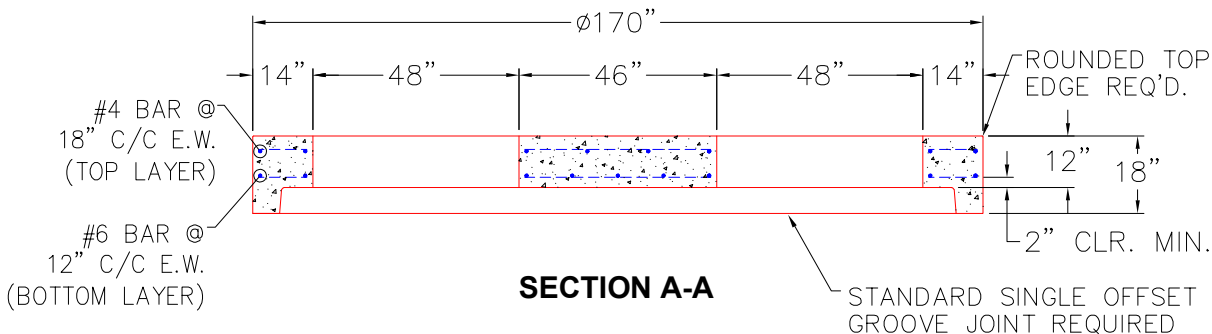
Structure Total: 241697 lb

GENERAL NOTES:

- MANUFACTURED TO ASTM C-478 (LATEST REVISION).
- CONCRETE 5,000 PSI AT 28 DAYS.
- REINFORCING: #4 & #6 BAR AS SHOWN (GRADE 60).
- XYPEX C-1000 ADMIX REQUIRED.



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 13"

Height (Ext): 18"

Weight (Net): 19896 lb
Volume (Net): 5.08cu.yd