

Job Name: 24-4271C Lloyd 4U Tekoppel Ave Water Main Relocation
 Job Location: Evansville, IN
 Contractor: Blankenberger Brothers, Inc.

Plant: Beaver Dam

8/7/2026 11:13:26 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: STR 30

P4 GR3

GRADE RING

P5) 24" - CASTING HEIGHT - 7"
 P4) 24" - GRADE RING - 3"
 P3) 72" - MH FLAT LID w/24in ECC Hole - 15"
 P2) 72" - MH RISER - 84"
 P1) 72" - MH BASE - 84"
 2) 72" - Conseal CS-102 1.00"
 2) 24" - Conseal CS-102 1.00"
 2) Hole - 44

Structure Total:

0 lb
 202 lb
 5098 lb
 12246 lb
 14247 lb
 0 lb
 0 lb
 0 lb

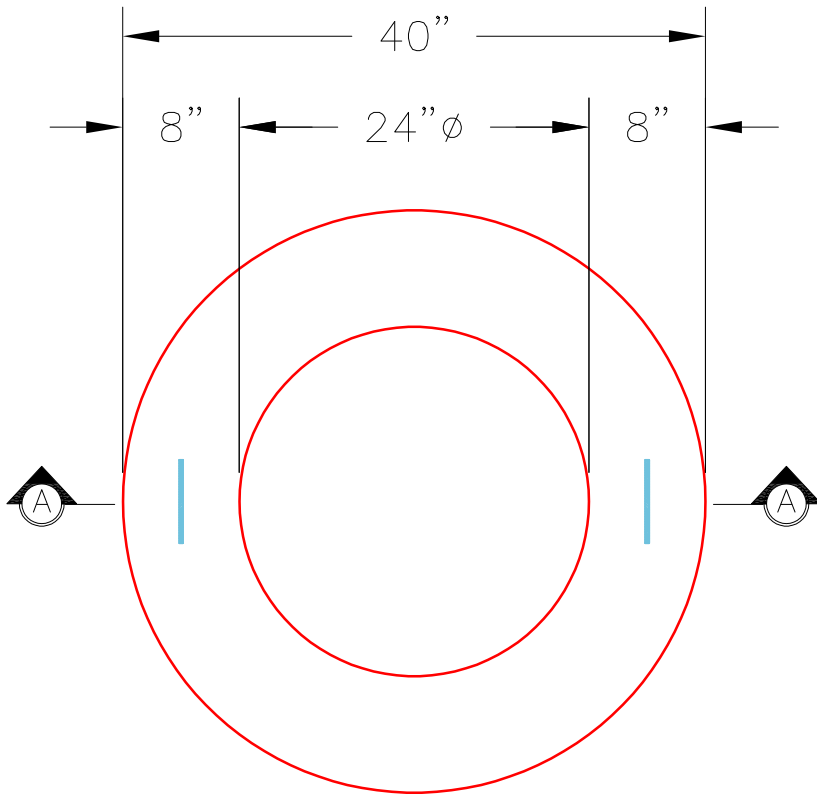
 31793 lb

Structure Notes:

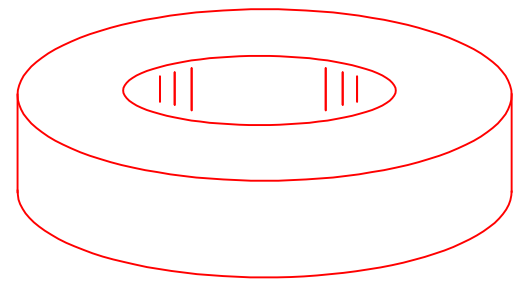
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
4. CASTING BY OTHERS.
5. THIS IS FOR THE BASE SECTION (P1) AND RISER (P2), AND GRADE RING (P4) ONLY. USE THE FLAT TOP (P3) THAT WAS PREVIOUSLY PROVIDED FOR STRUCTURE 32.

NOTES:

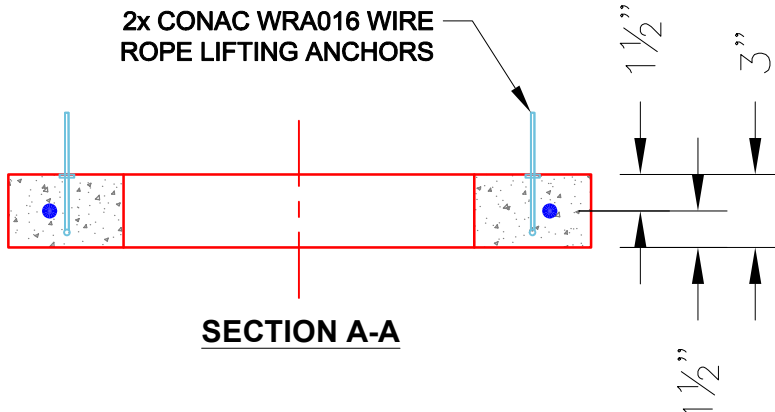
1. GRADE RINGS MEET OR EXCEED THE FOLLOWING SPECIFICATIONS:
 -CONCRETE: 4,000 PSI @ 28 DAYS.
 -REINFORCING: (1) #3 HOOP CENTERED (GRADE 60)
2. WEIGHT: 3" 202 Lbs.



PLAN VIEW



ISOMETRIC VIEW



SECTION A-A

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 3"

Weight (Net): 202 lb
 Volume (Net): 0.05cu.yd