

Job Name: 25-4590 Uhlhorn Sewer Repairs
Job Location: Evansville, IN
Contractor: Bowen Engineering Corporation

Plant: Beaver Dam

Tech: S. Felletter

5/11/2026 10:20:32 AM

PC: A. Chambers



Structure ID: 201 (2)

P3 GR4

GRADE RING F/F

P4) 24" - CASTING HEIGHT - 7"
P3) 24" - GRADE RING F/F - 4"
P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"
P1) 48" - MH BASE T/n - 30"
1) CASTING - HOE MC-315 F/C Storm
1) 48" - Con Seal CS-102 1.00"
1) Hole - 26
1) Hole - 20

0 lb
270 lb
1550 lb
3058 lb
258 lb
0 lb
0 lb
0 lb

5135 lb

Structure Total:

Structure Notes:

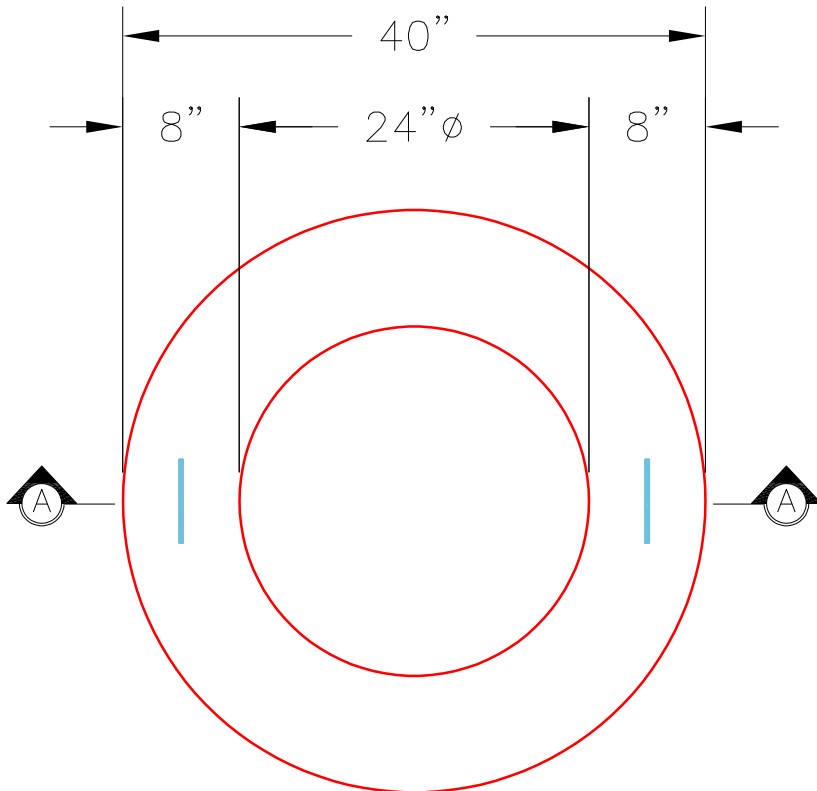
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-315 F/C "STORM").
4. NO STEPS.

REINFORCING PER ASTM A615 (GRADE 60).

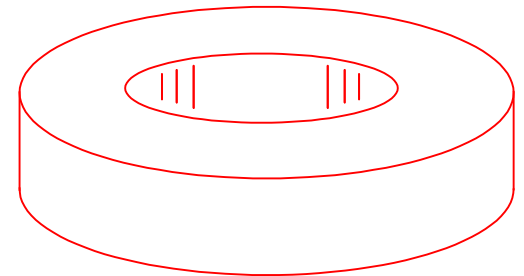
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

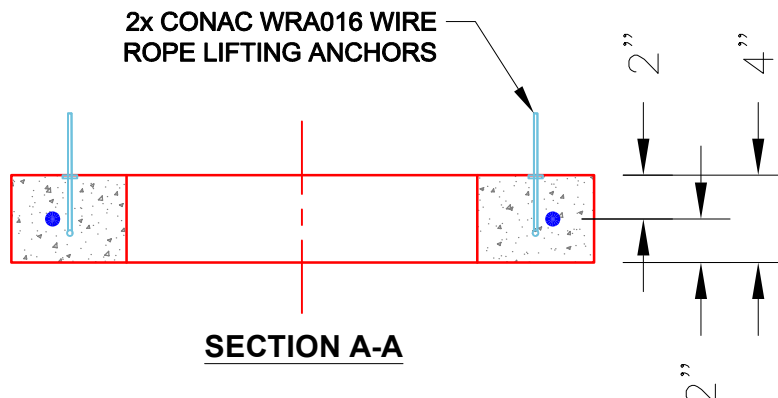
1. GRADE RINGS MEET OR EXCEED THE FOLLOWING SPECIFICATIONS
-CONCRETE: 4,000 PSI @ 28 DAYS
-REINFORCING: (1) #3 HOOP CENTERED (GRADE 60)
2. WEIGHT: 4" 270 LBS.



PLAN VIEW



ISOMETRIC VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 4"

Weight (Net): 270 lb
Volume (Net): 0.07cu.yd