

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam
6/9/2026 10:40:29 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R48

P3 GR6

GRADE RING F/F

P4) 24" - CASTING HEIGHT - 7"
P3) 24" - GRADE RING F/F - 6"
P2) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"
P1) 60" - MH BASE T/n - 72"
1) 60" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 1150 F/C STORM
1) 60" - Conseal CS-102 1.00"
2) Hole - 48
6) MH Step ML-10-TDS-NCR - 10"

	0 lb
	405 lb
	2869 lb
	8196 lb
	1700 lb
	250 lb
	0 lb
	0 lb
	0 lb
Structure Total:	13420 lb

Structure Notes:

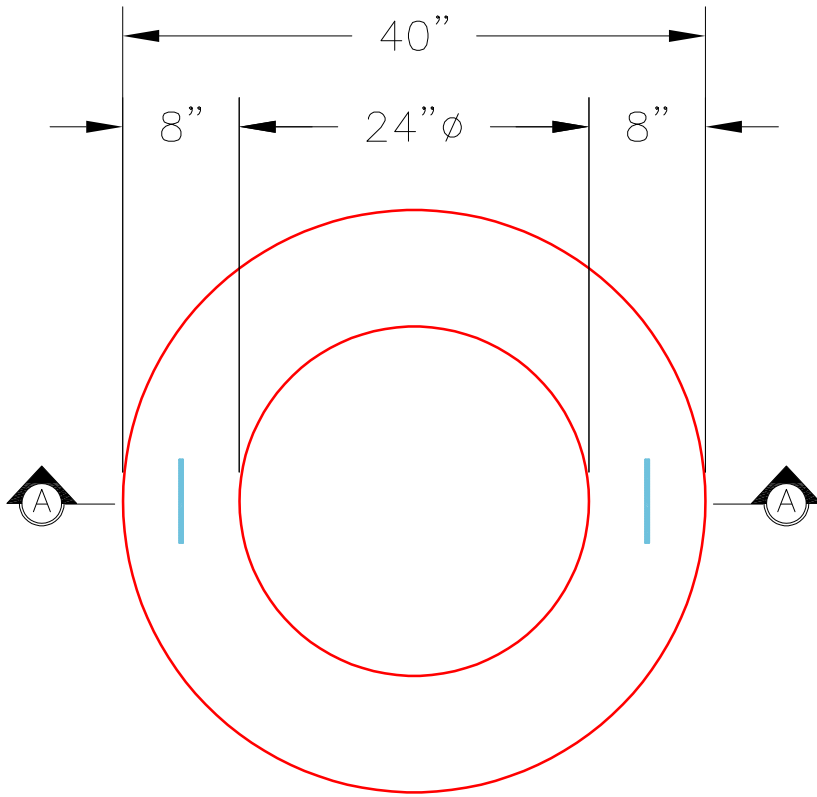
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS 1150 F/C "STORM").

REINFORCING PER ASTM A615 (GRADE 60).

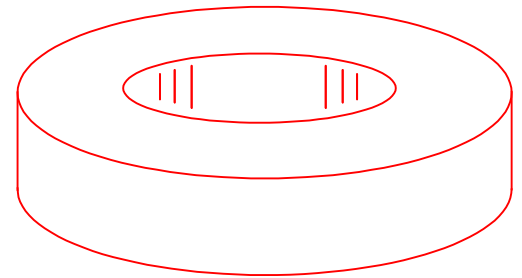
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

NOTES:

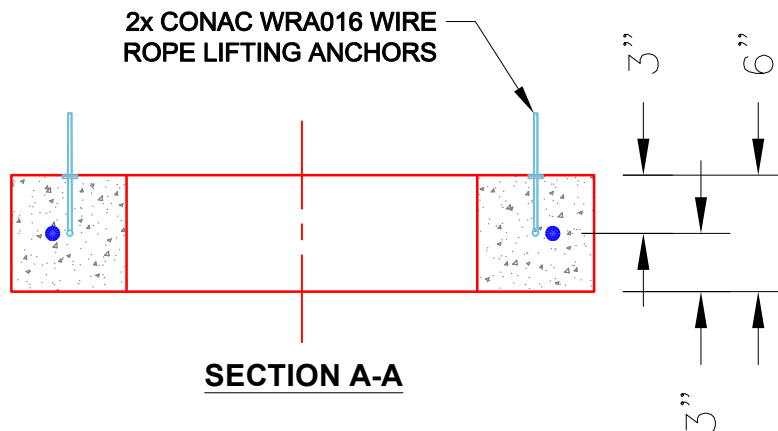
1. GRADE RINGS MEET OR EXCEED THE FOLLOWING SPECIFICATIONS
-CONCRETE: 4,000 PSI @ 28 DAYS
-REINFORCING: (1) #3 HOOP CENTERED (GRADE 60)
2. WEIGHT: 6" 405 LBS.



PLAN VIEW



ISOMETRIC VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 6"

Weight (Net): 405 lb
Volume (Net): 0.1cu.yd