

Job Name: 25-0226 MS 161kv SWITCHING STATION	Plant: 100	Tech: J. Horsley - F
Job Location: Columbus, MS	11/3/2025 5:02:53 PM	PC: A. Chambers
Contractor: TVA		

**Structure ID: CB 2**

**P3 GR6**

**GRADE RING F/F**

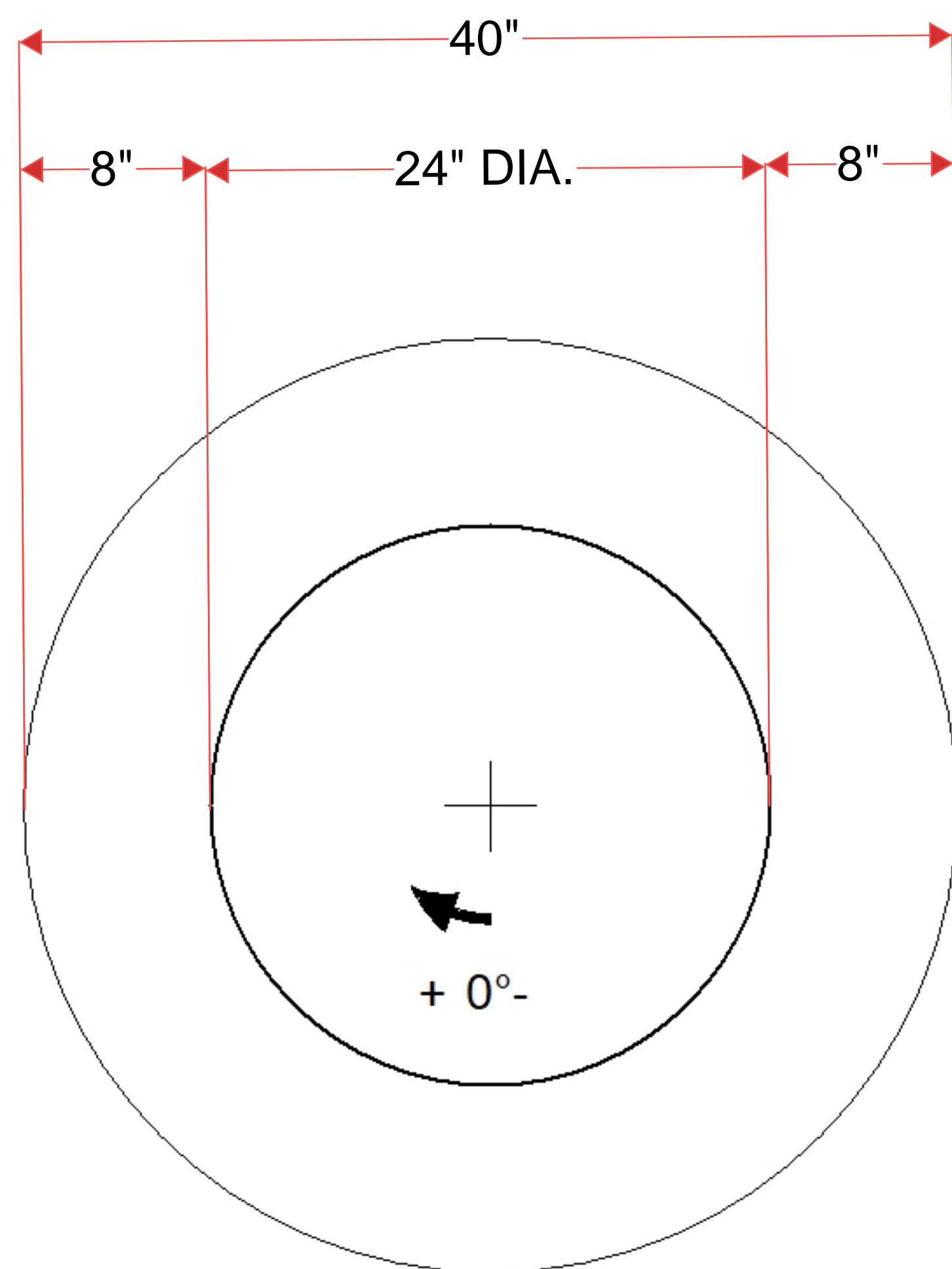
P4) 24" - CASTING HEIGHT - 2"	0 lb
P3) 24" - GRADE RING F/F - 6"	405 lb
P2) 48" - MH FLAT TOP w/ 24" Center Hole F/G - 12"	1700 lb
P1) 48" - MH BASE Custom Ht T/n - 49"	3903 lb
1) CASTING - EJ 6488 Beehive Grate	250 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 38	0 lb
1) Hole - 30	0 lb
<b>Structure Total:</b>	<b>6258 lb</b>

**Structure Notes:**

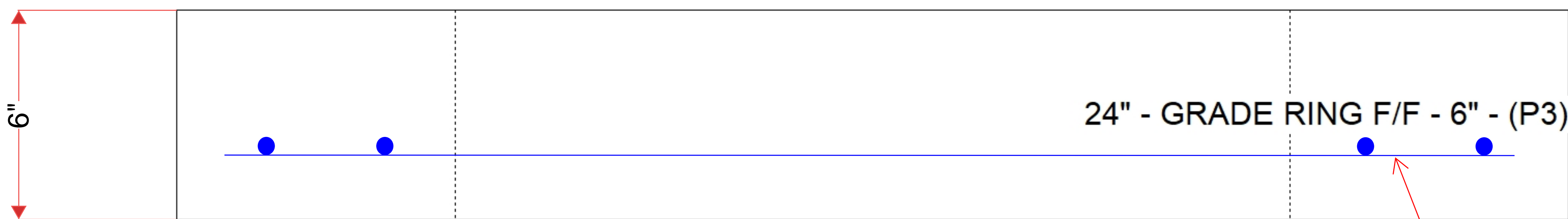
- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO STEPS AND NO INVERT CHANNEL.
- CASTING BY I-CAST (EJ 6488 BEEHIVE GRATE)

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB H20 LOADING.
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



**NOTE:**  
USE STOCK GRADE RING IF AVAILABLE



**(2) #4 BARS EQUALLY SPACED**

Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Ext): 6"	Weight (Net): 405 lb
Coating (Ext):	Seam Dn: Flat			Volume (Net): 0.1cu.yd