

**Job Name: 25-3462 - Corvette Museum Material**  
**Job Location: Bowling Green, KY**  
**Contractor: National Corvette Museum c/o Scotty's Contracting**

PC: C. Goff  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: DI-5  
 Spec: Storm  
 Type: STM.MH (Recessed pipe)  
 Size: 60"

Rim: 504.03'  
 Invert: 498.29'  
 Rim to Invert: 5.74'

Sump: 0"  
 Floor (Top): 498.29'  
 Floor Height: 8"

Floor (Bot): 497.623'  
 Overall Height: 6.25'  
 Slack: 1.88"

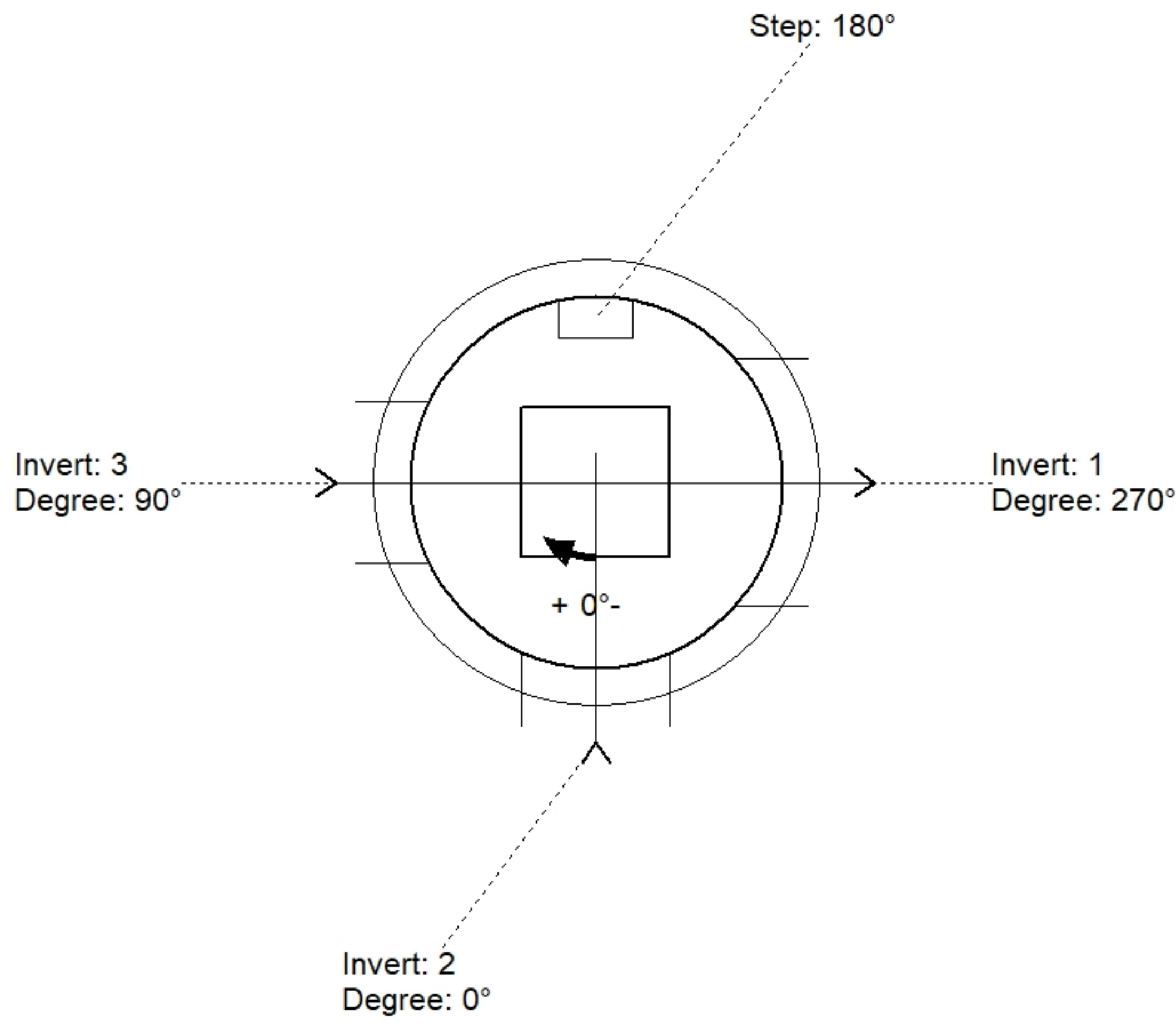
**Structure Notes:**

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY I-CAST (JBS 4190-L F/G).

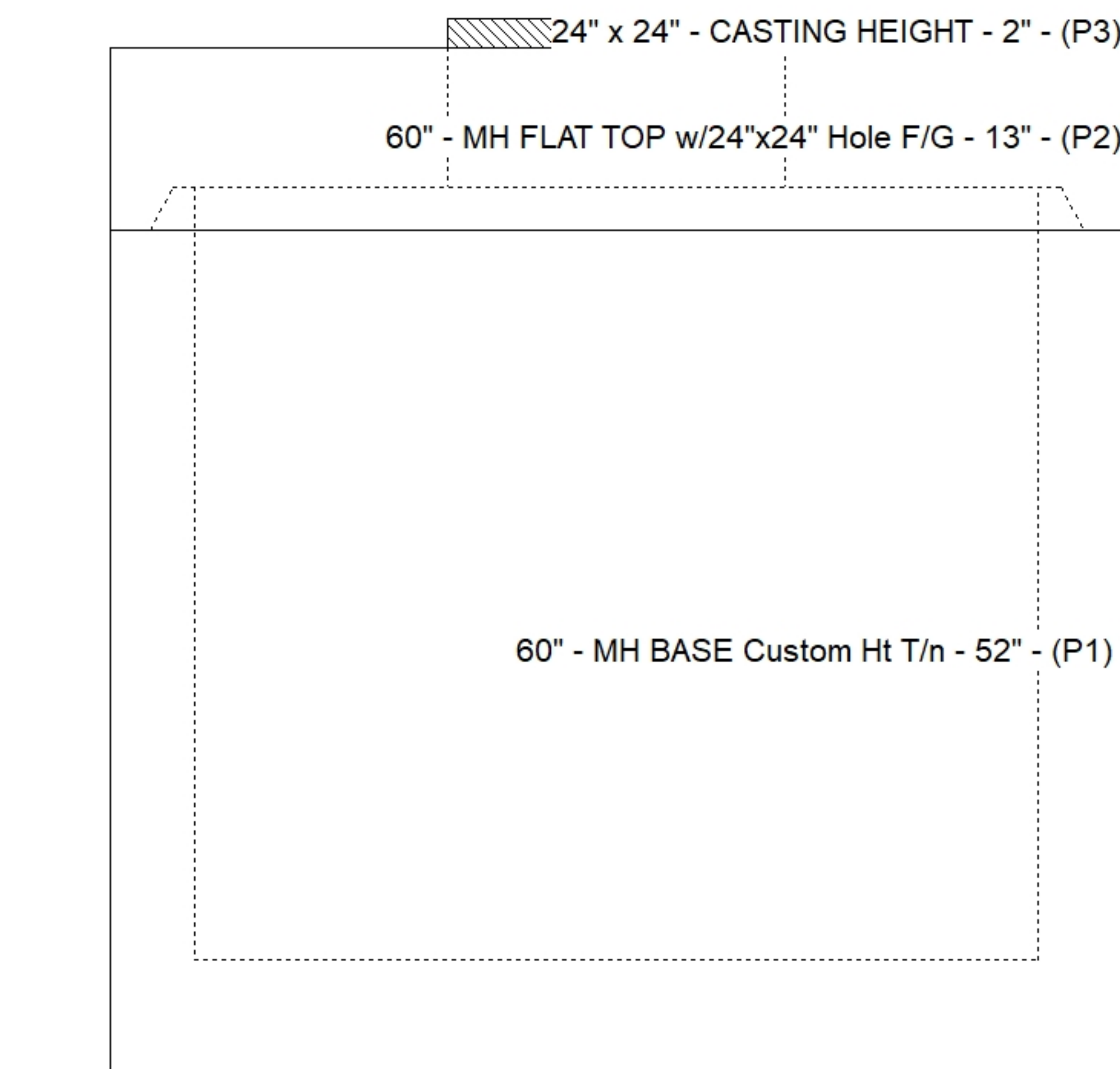
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .18)  
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

**STRUCTURE SUMMARY:**

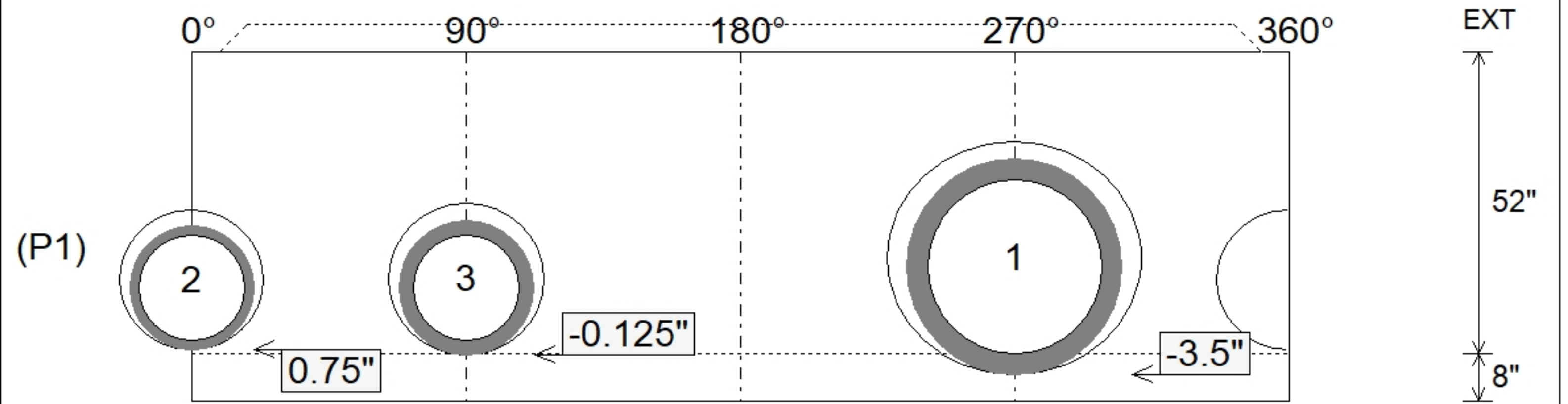
P3) 24" x 24" - CASTING HEIGHT - 2"	0 lb
P2) 60" - MH FLAT TOP w/24"x24" Hole F/G - 13"	2619 lb
P1) 60" - MH BASE Custom Ht T/n - 52"	6972 lb
1) CASTING - JBS 4190-L F/G	335 lb
1) 60" - Conseal CS-102 1.00"	0 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 40	0 lb
1) Hole - 24	0 lb
1) Hole - 26	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>9926 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (Δ)	Ref
Rim	504.03'							
Reducer								
Invert 1	498.29'	270°	30" RCP B WALL	37"	40"	Hole 40	-3.5"	P1
Invert 2	498.49'	0°	18" HDPE	21.2"	24"	Hole 24	0.75"	P1
Invert 3	498.49'	90°	18" RCP B WALL	23"	26"	Hole 26	-0.125"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 12/8/2025 3:15:09 PM

SUBMITTAL  
 APPROVED BY: