

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

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



Structure ID: **DI-10 (2)**
 Spec: Storm
 Type: STM.MH (Recessed pipe)
 Size: 48"

Rim: 504.8'
 Invert: 499.46'
 Rim to Invert: 5.34'

Sump: 0"
 Floor (Top): 499.46'
 Floor Height: 6"

Floor (Bot): 498.96'
 Overall Height: 5.833'
 Slack: 0.08"

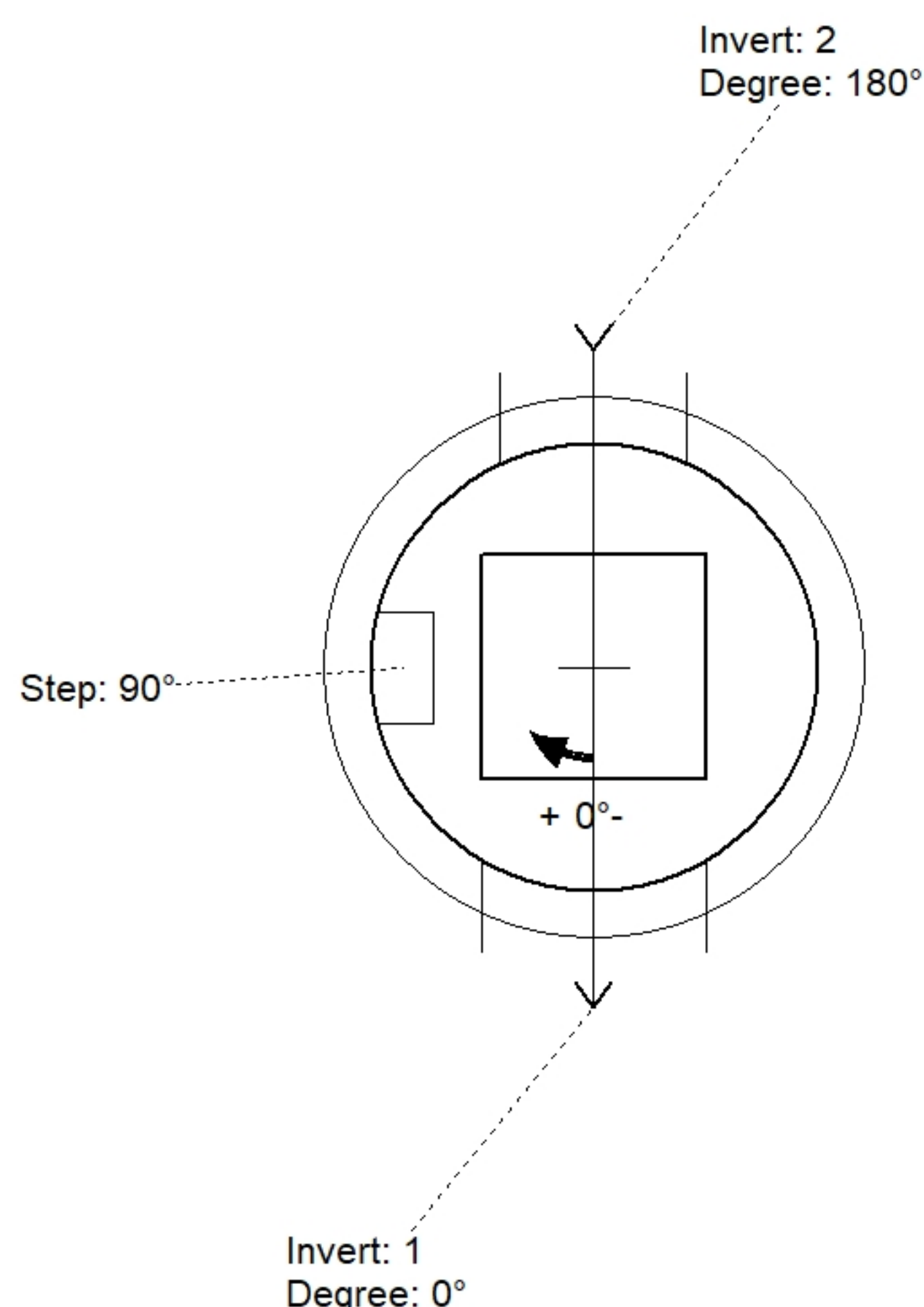
Structure Notes:

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).

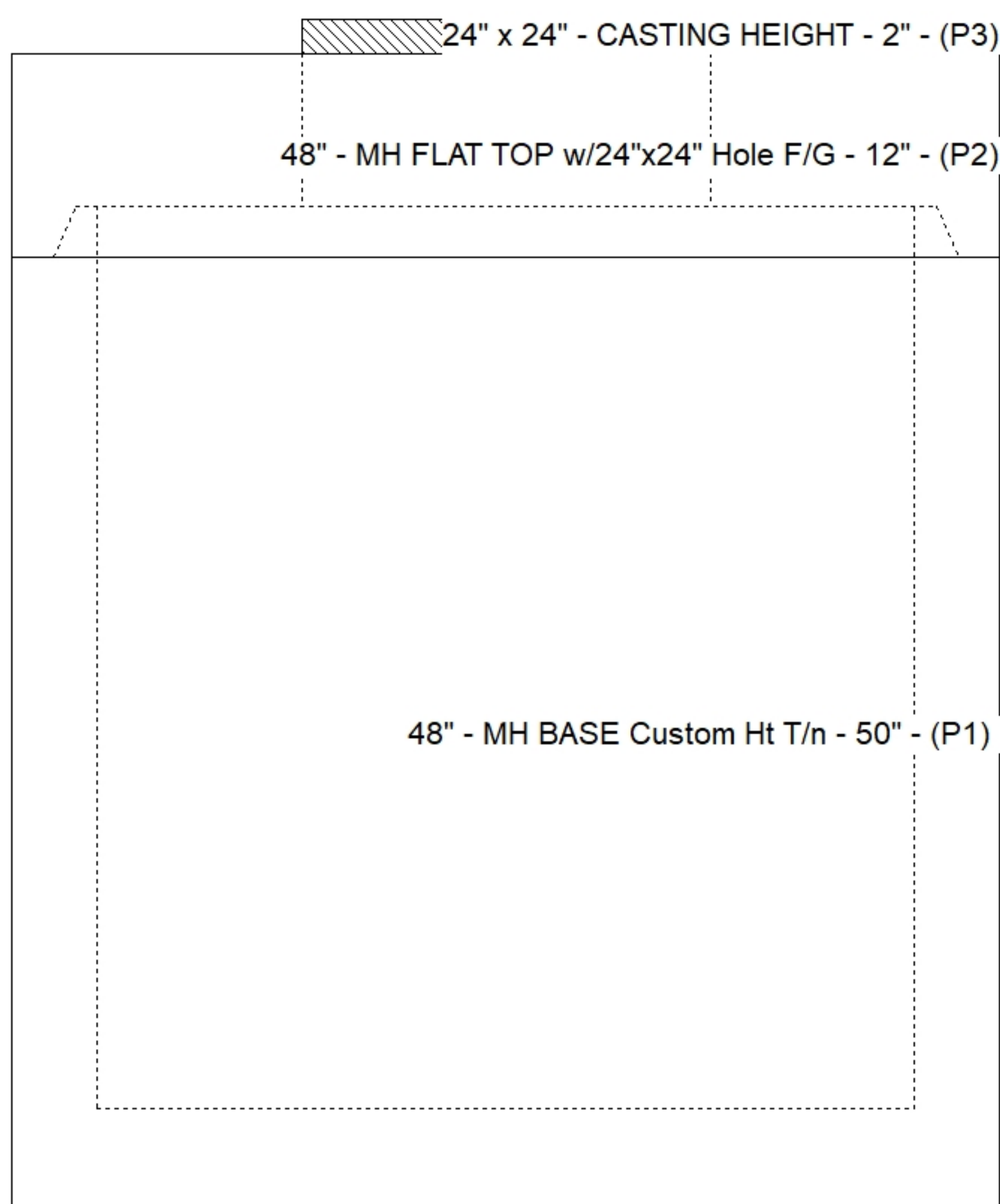
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

STRUCTURE SUMMARY:

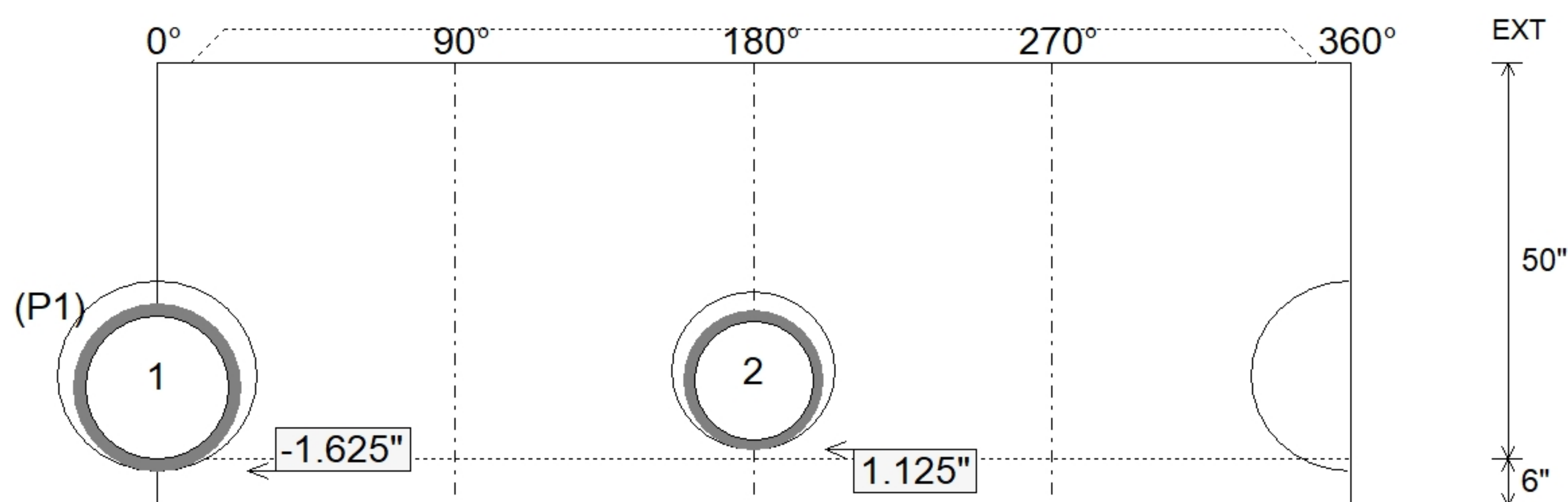
P3) 24" x 24" - CASTING HEIGHT - 2"	0 lb
P2) 48" - MH FLAT TOP w/24"x24" Hole F/G - 12"	1500 lb
P1) 48" - MH BASE Custom Ht T/n - 50"	4491 lb
1) CASTING - JBS 4190-L F/G	335 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 24	0 lb
1) Hole - 20	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6326 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	504.8'							
Reducer								
Invert 1	499.46'	0°	18" HDPE	21.2"	24"	Hole 24	-1.625"	P1
Invert 2	499.66'	180°	15" HDPE	17.6"	20"	Hole 20	1.125"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: