

Job Name: 25-4219 - Hitachi Berea
Job Location: Berea, KY
Contractor: Brown General Contractors

PC: J. Jarvis
 TECH: J. Horsley - F
 Plant: 100



Structure ID: **ST-2**

Spec: Storm
 Type: STM.MH (Recessed pipe)
 Size: 48"

Rim: 954.5'
 Invert: 948.5'
 Rim to Invert: 6'

Sump: 24"
 Floor (Top): 946.5'
 Floor Height: 6"

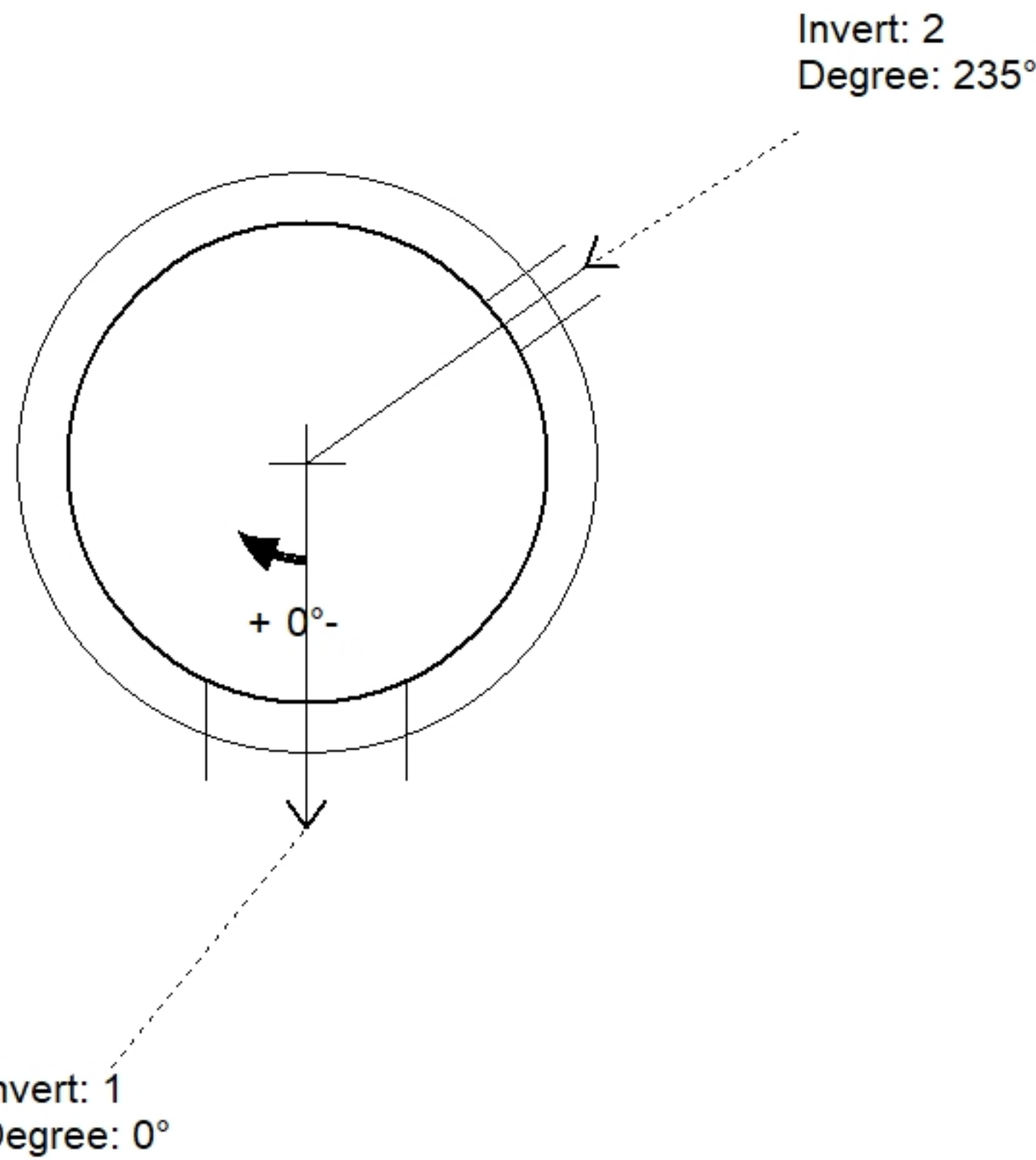
Floor (Bot): 946'
 Overall Height: 8.5'
 Slack: 0"

Structure Notes:

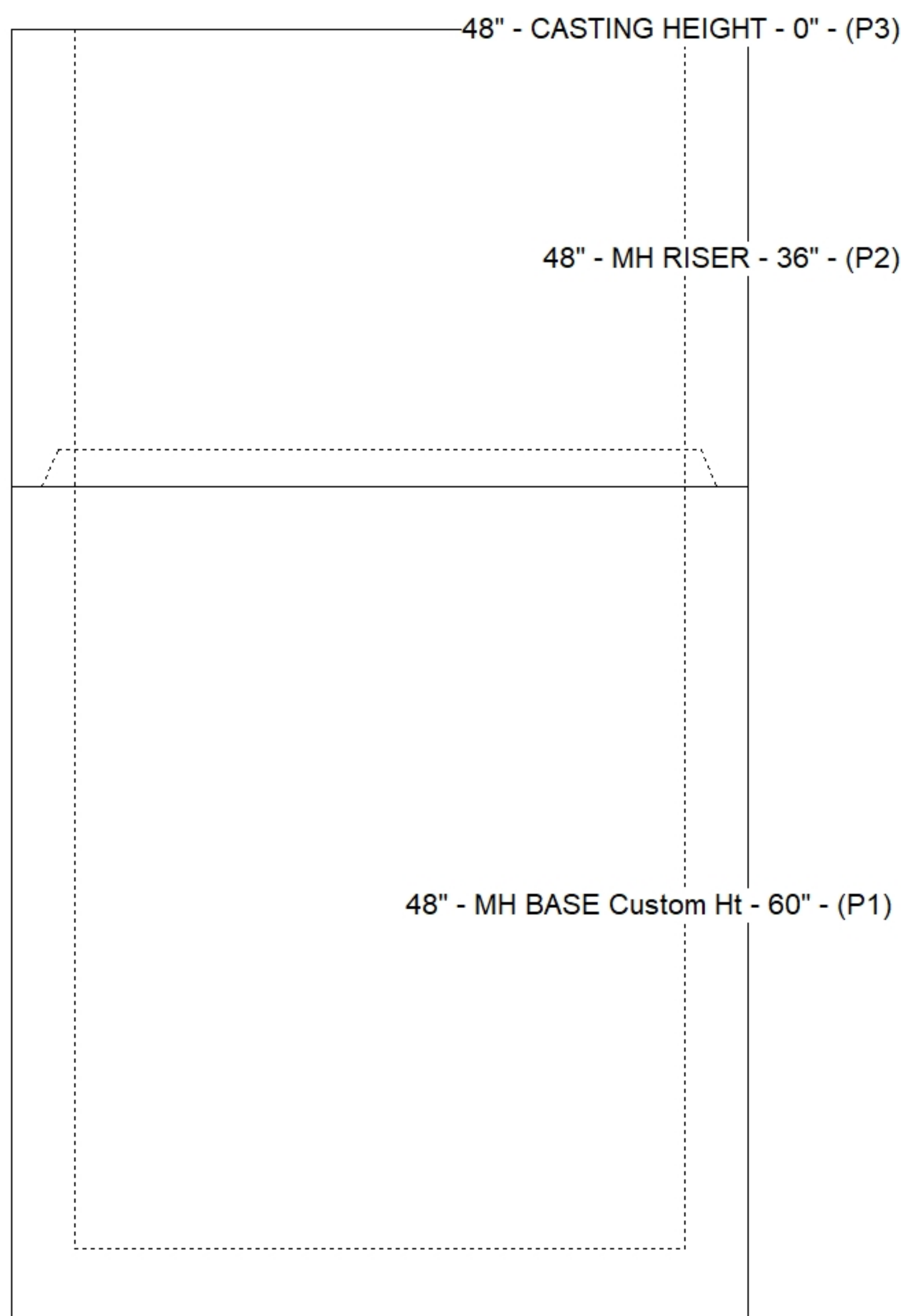
- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,500 PSI AT 28 DAYS.
 - NO STEPS AND NO INVERT CHANNEL.
 - CASTING BY I-CAST (TRASHRACKS LFR-48P ROUND FLUSH MOUNT GRATE).
- REINFORCING PER ASTM A615 (GRADE 60).
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

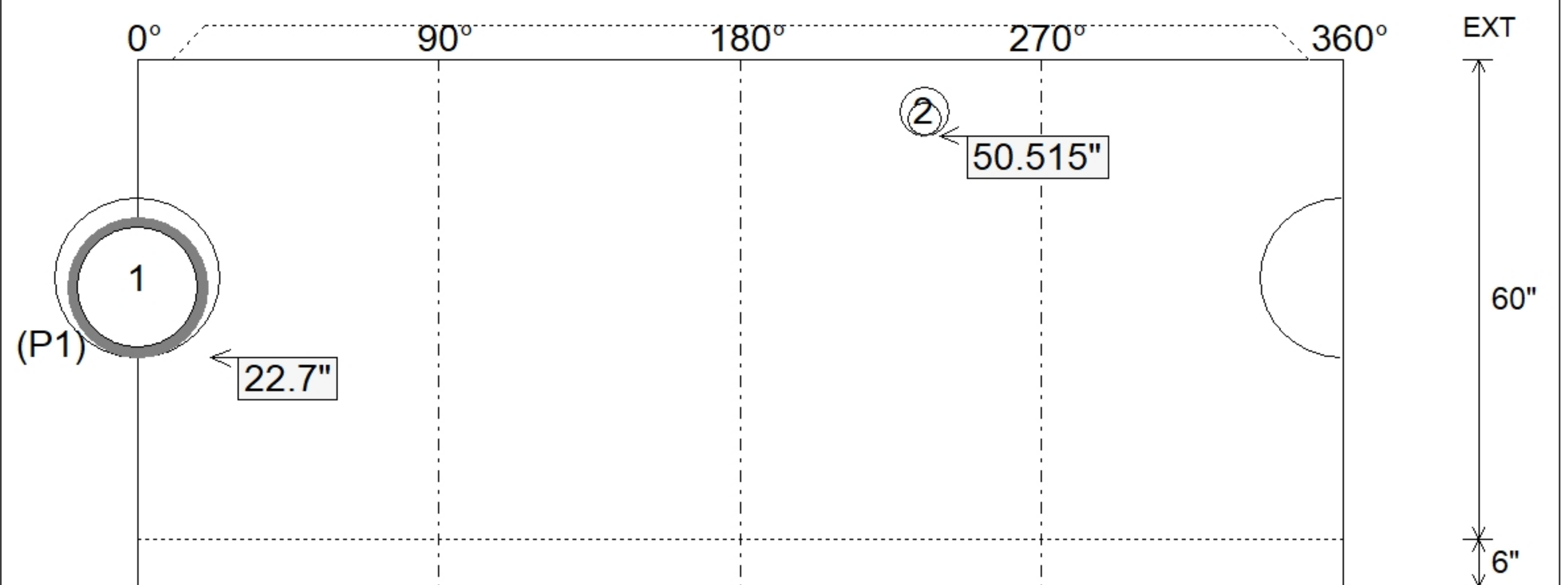
P3) 48" - CASTING HEIGHT - 0"	0 lb
P2) 48" - MH RISER - 36"	2515 lb
P1) 48" - MH BASE Custom Ht - 60"	5375 lb
1) CASTING - TRASHRACKS LFR-48-P Round Flush Mount Grate	289 lb
2) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 6	0 lb
Structure Total:	8178 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	954.5'							
Reducer								
Invert 1	948.5'	0°	15" HDPE	17.6"	20"	Hole 20	22.7"	P1
Invert 2	950.72'	235°	4" PVC SDR35	4.25"	6"	Hole 6	50.515"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/27/2026 9:55:53 AM

SUBMITTAL
 APPROVED BY: