

Job Name: 26-1997 ADS RJ Corman Railroad
Job Location: Lexington, KY
Contractor: ADS Advanced Drainage Systems, Inc.

PC: C. Goff
 TECH: S. Felletter
 Plant: Beaver Dam



Structure ID: MTD

Spec: Storm-Pipe Centered
 Type: STM.MH
 Size: 48"

Rim: 920.16'
 Invert: 917.5'
 Rim to Invert: 2.66'

Sump: 81"
 Floor (Top): 910.75'
 Floor Height: 6"

Floor (Bot): 910.25'
 Overall Height: 9.833'
 Slack: 0.92"

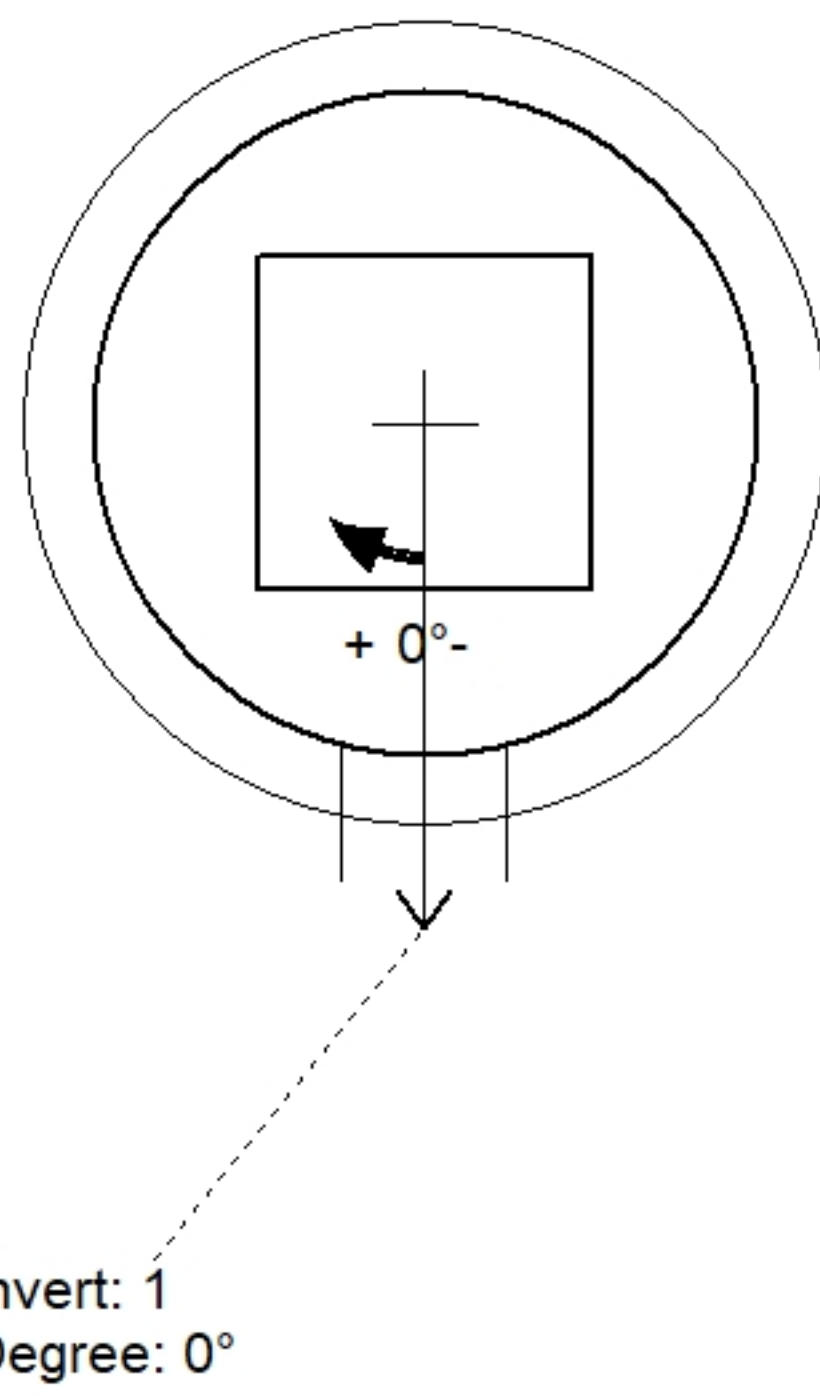
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE 280T F/G CAST-IN).
4. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED.

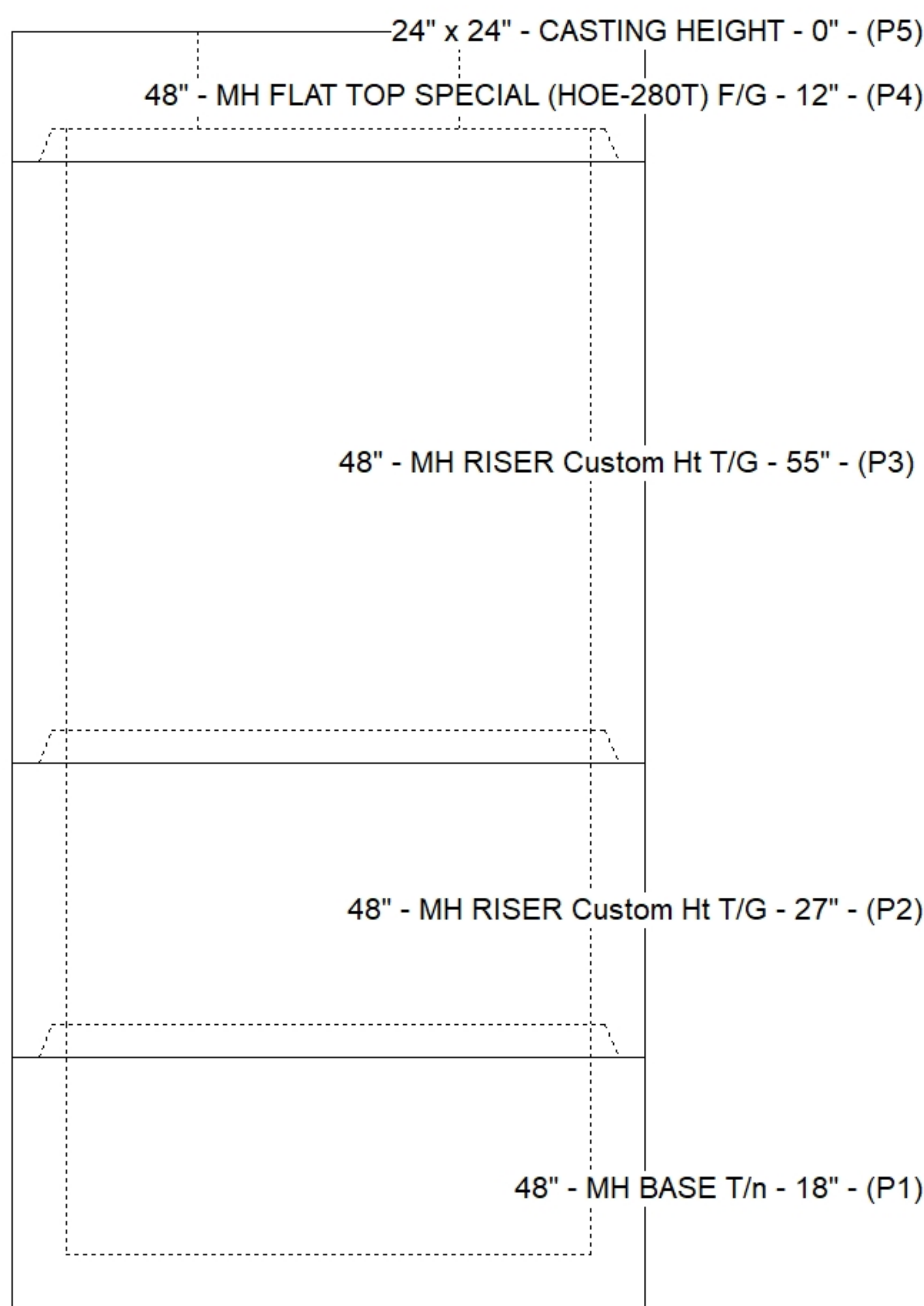
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

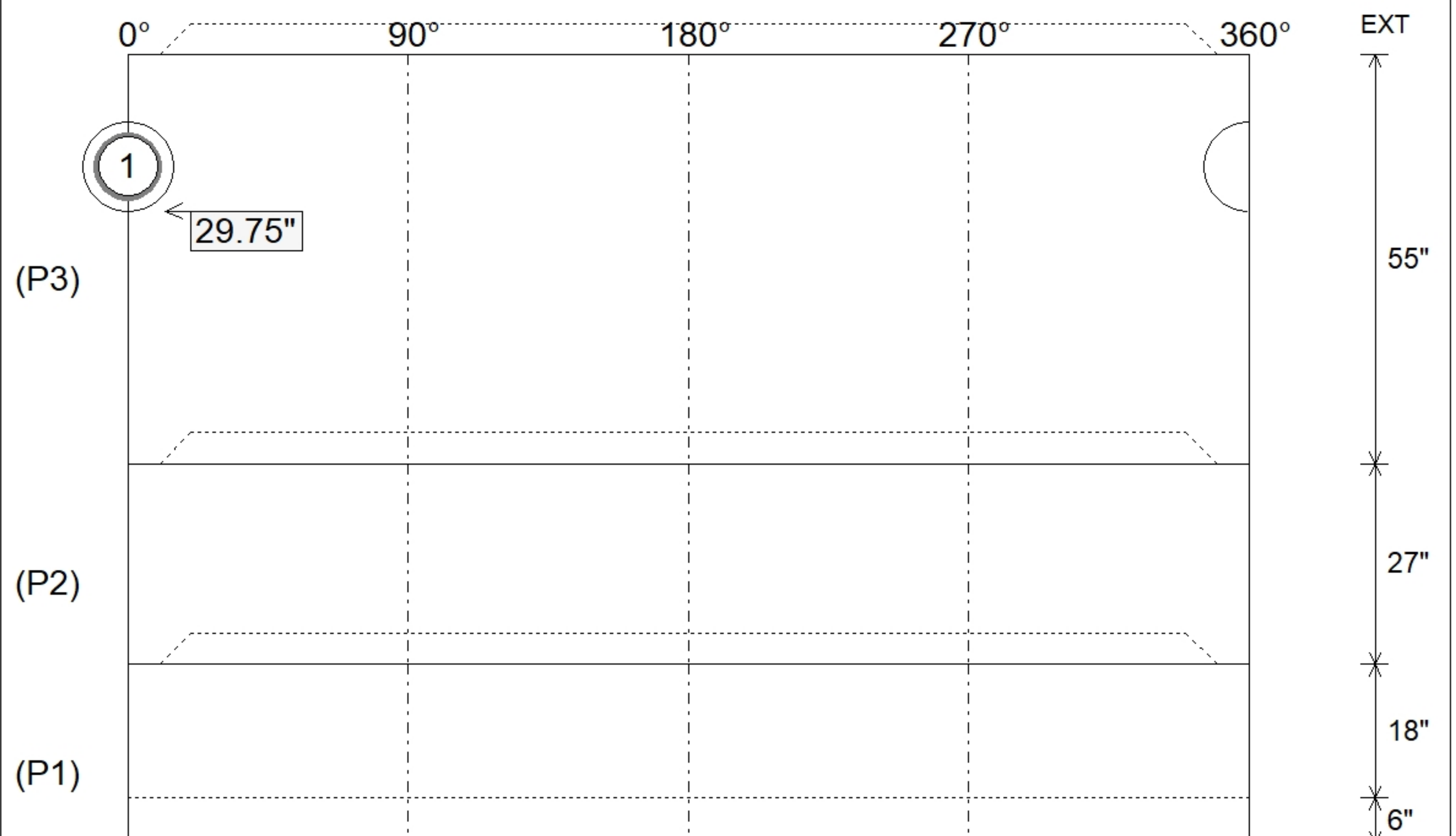
P5) 24" x 24" - CASTING HEIGHT - 0"	0 lb
P4) 48" - MH FLAT TOP SPECIAL (HOE-280T) F/G - 12"	1535 lb
P3) 48" - MH RISER Custom Ht T/G - 55"	3794 lb
P2) 48" - MH RISER Custom Ht T/G - 27"	1886 lb
P1) 48" - MH BASE T/n - 18"	2588 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ASSEMBLY REQUIRED	0 lb
1) This Structure Includes a Cast-in Item	0 lb
1) CASTING - HOE 280T F/G	182 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" x 24" - Conseal CS-102 1.00" (Double)	0 lb
1) Hole - 12	0 lb
Structure Total:	9985 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	920.16'							
Reducer								
Invert 1	917.5'	0°	8" HDPE	9.1"	12"	Hole 12	29.75"	P3
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 4/27/2026 8:16:00 AM

SUBMITTAL
 APPROVED BY: