

Job Name: 26-1461 ADS Fomoco Lap 10SF Bldg
Job Location: Louisville, KY
Contractor: ADS Advanced Drainage Systems, Inc.

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



Structure ID: 5-2

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

Rim: 455.52'
 Invert: 452.2'
 Rim to Invert: 3.32'

Sump: 77.16"
 Floor (Top): 445.77'
 Floor Height: 6"

Floor (Bot): 445.27'
 Overall Height: 10.25'
 Slack: 0"

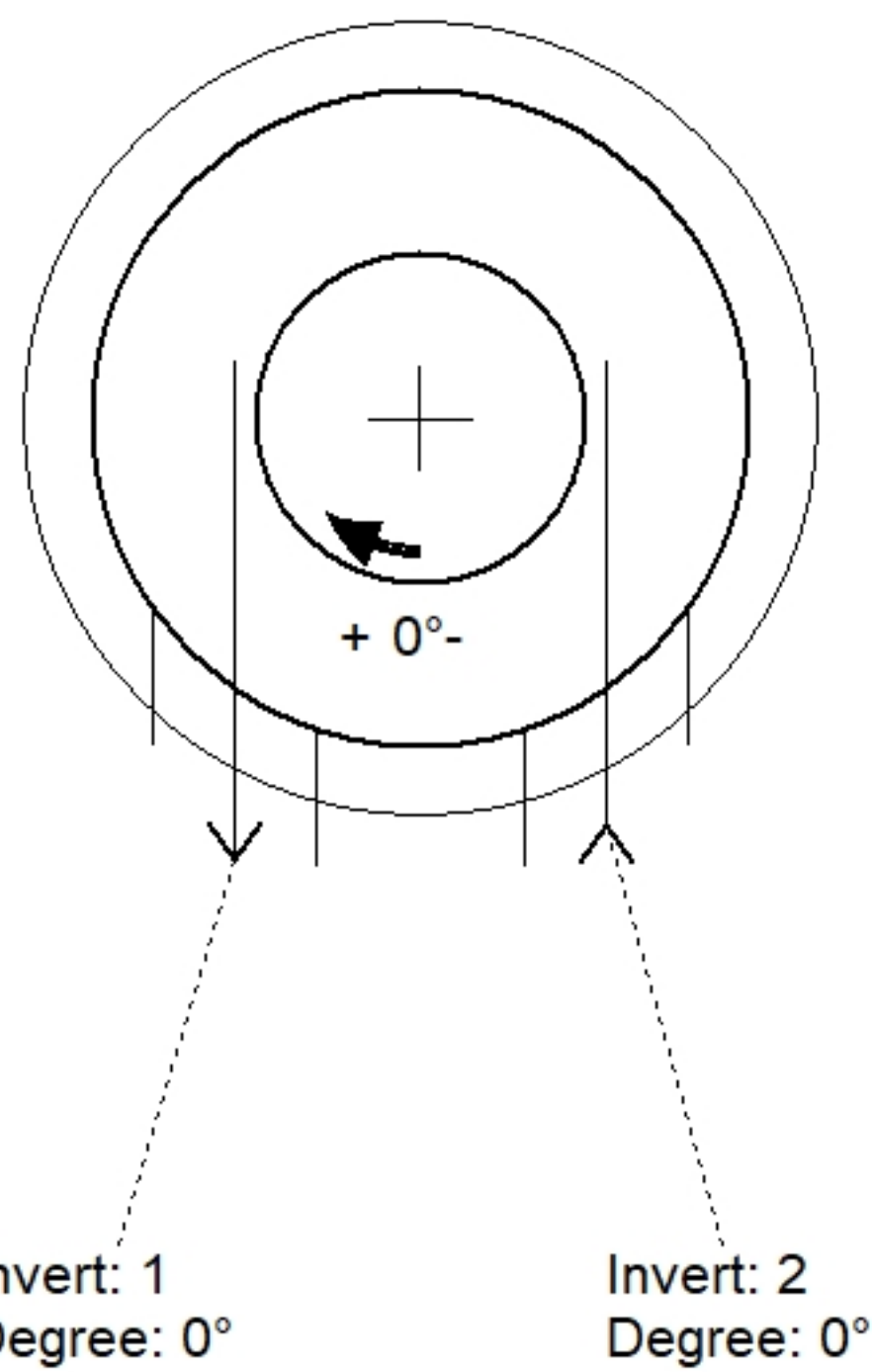
Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- CASTING BY ICAST (HOE MC-375 "STORM").
- ASSEMBLY REQUIRED.
- P2 & P3 RISERS TO BE MECHANICALLY ATTACHED BEFORE INTERNAL INSTALLATION/DELIVERY.
- LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.

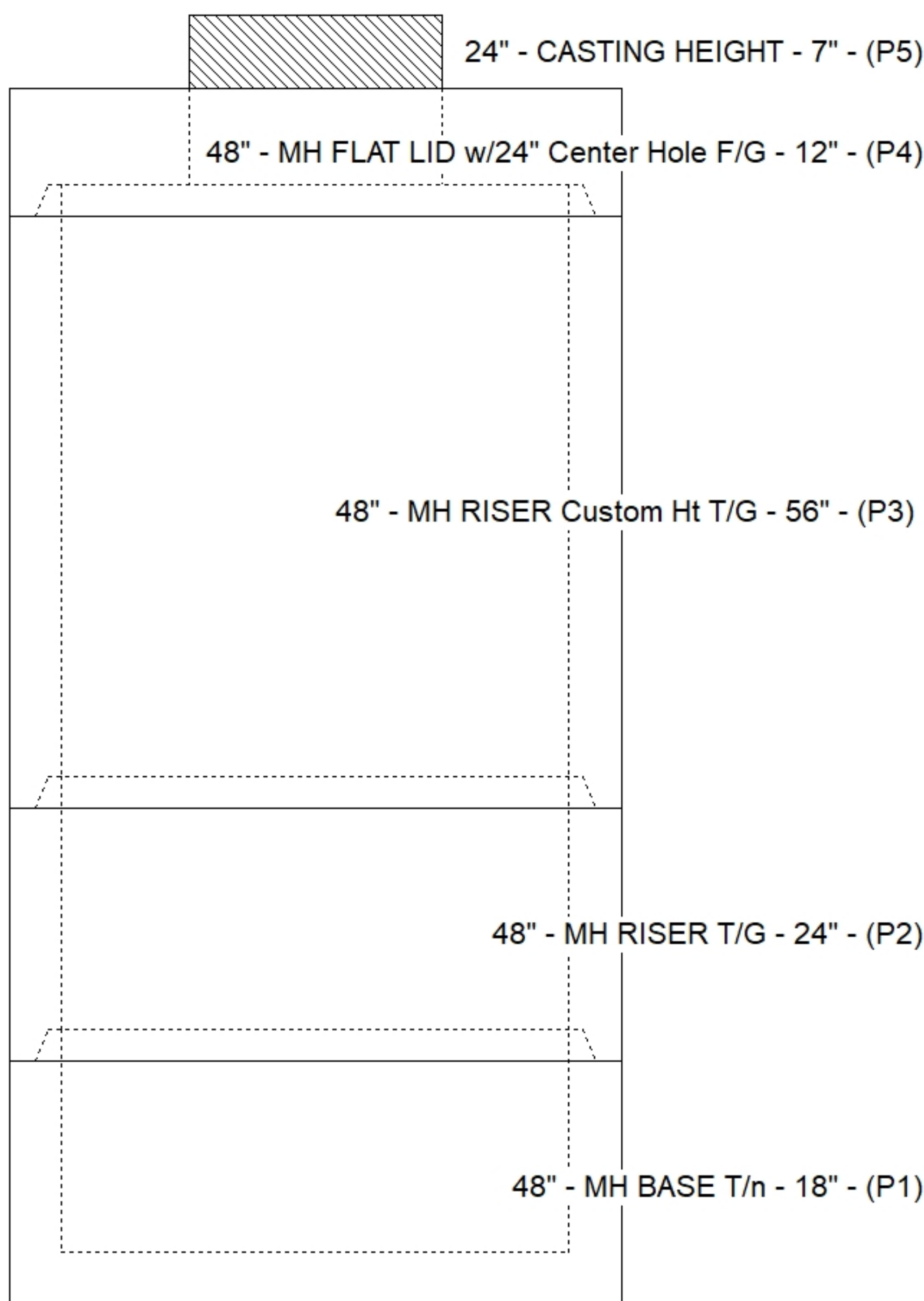
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

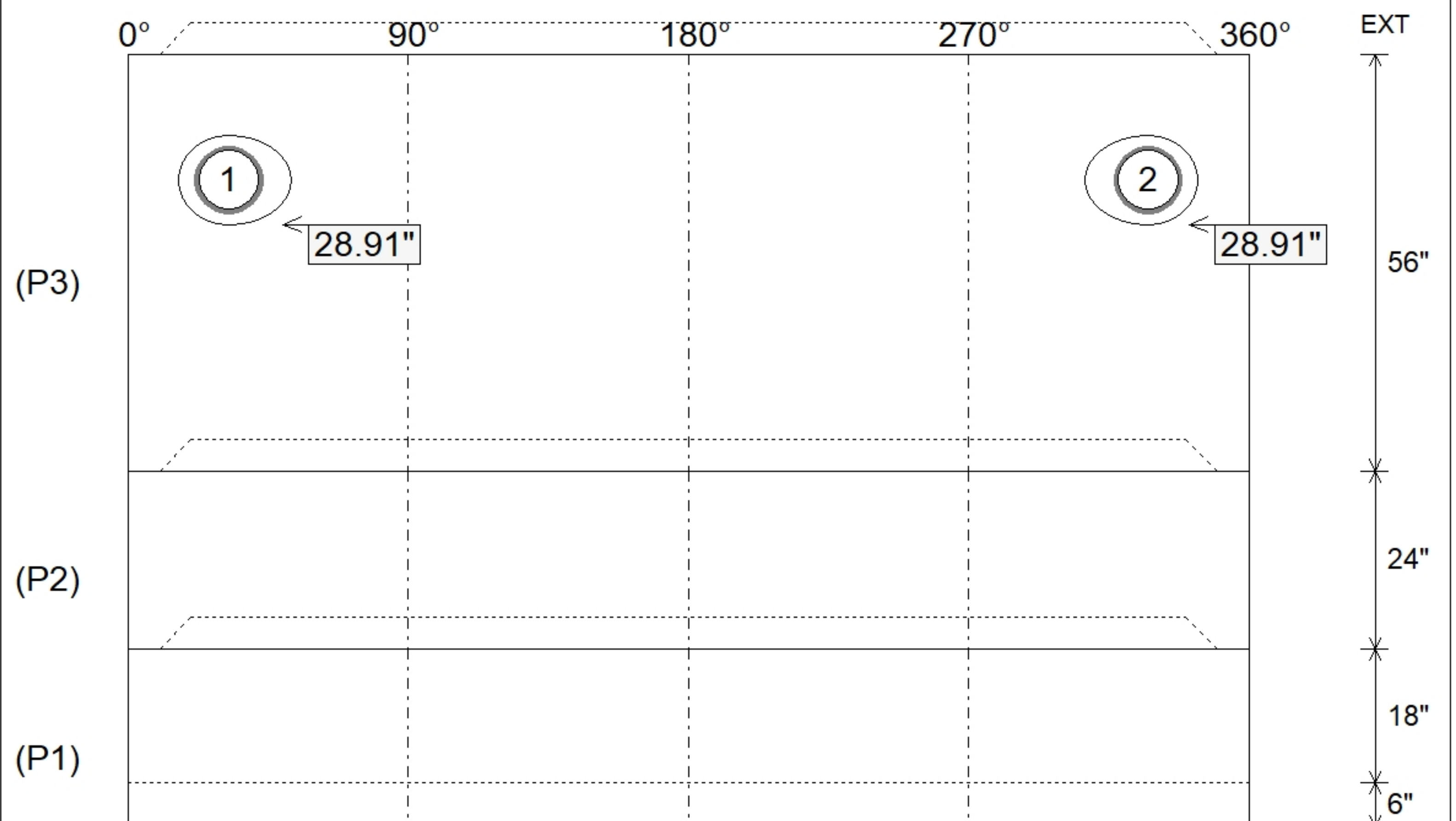
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 48" - MH FLAT LID w/24" Center Hole F/G - 12"	1580 lb
P3) 48" - MH RISER Custom Ht T/G - 56"	3797 lb
P2) 48" - MH RISER T/G - 24"	1677 lb
P1) 48" - MH BASE T/n - 18"	2588 lb
1) ASSEMBLY REQUIRED	0 lb
1) CASTING - HOE MC-375 F/C Storm	271 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 12	0 lb
Structure Total:	9913 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	455.52'							
Reducer								
Invert 1	452.2'	0°	8" HDPE	9.1"	12"	Hole 12	28.91"	P3
Invert 2	452.2'	0°	8" HDPE	9.1"	12"	Hole 12	28.91"	P3
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: