

Job Name: 26-1941 ADS Williams Mill
Job Location: Antiock, TN
Contractor: ADS Advanced Drainage Systems, Inc.

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



Structure ID: **K1B**

Spec: Storm-Pipe Centered
 Type: STM.MH
 Size: 96"

Rim: 565'
 Invert: 553.93'
 Rim to Invert: 11.07'

Sump: 132"
 Floor (Top): 542.93'
 Floor Height: 8"

Floor (Bot): 542.263'
 Overall Height: 22.667'
 Slack: 0.84"

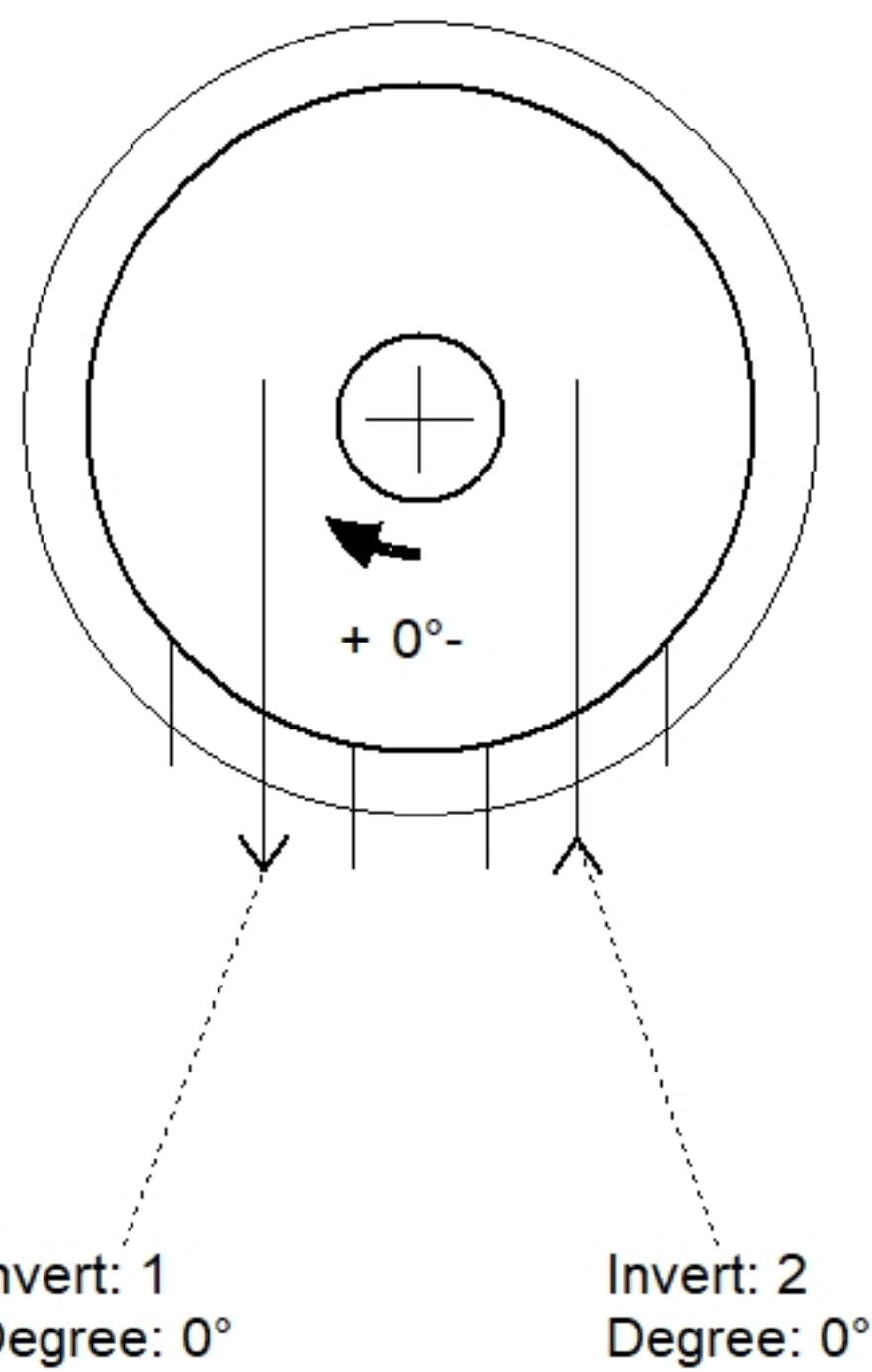
Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- CASTING BY ICAST (HOE MC-375 F/C "STORM").

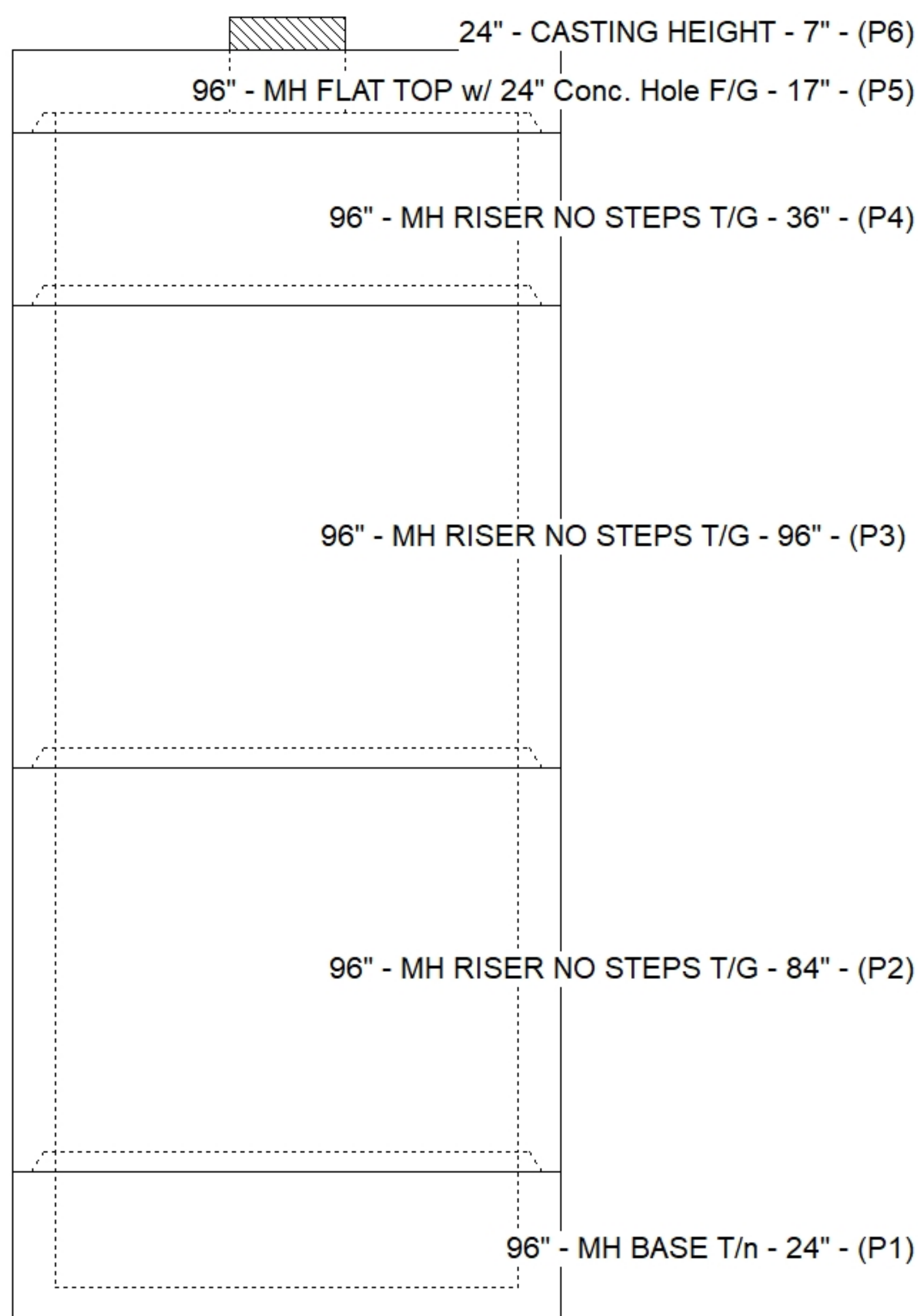
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .24)
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

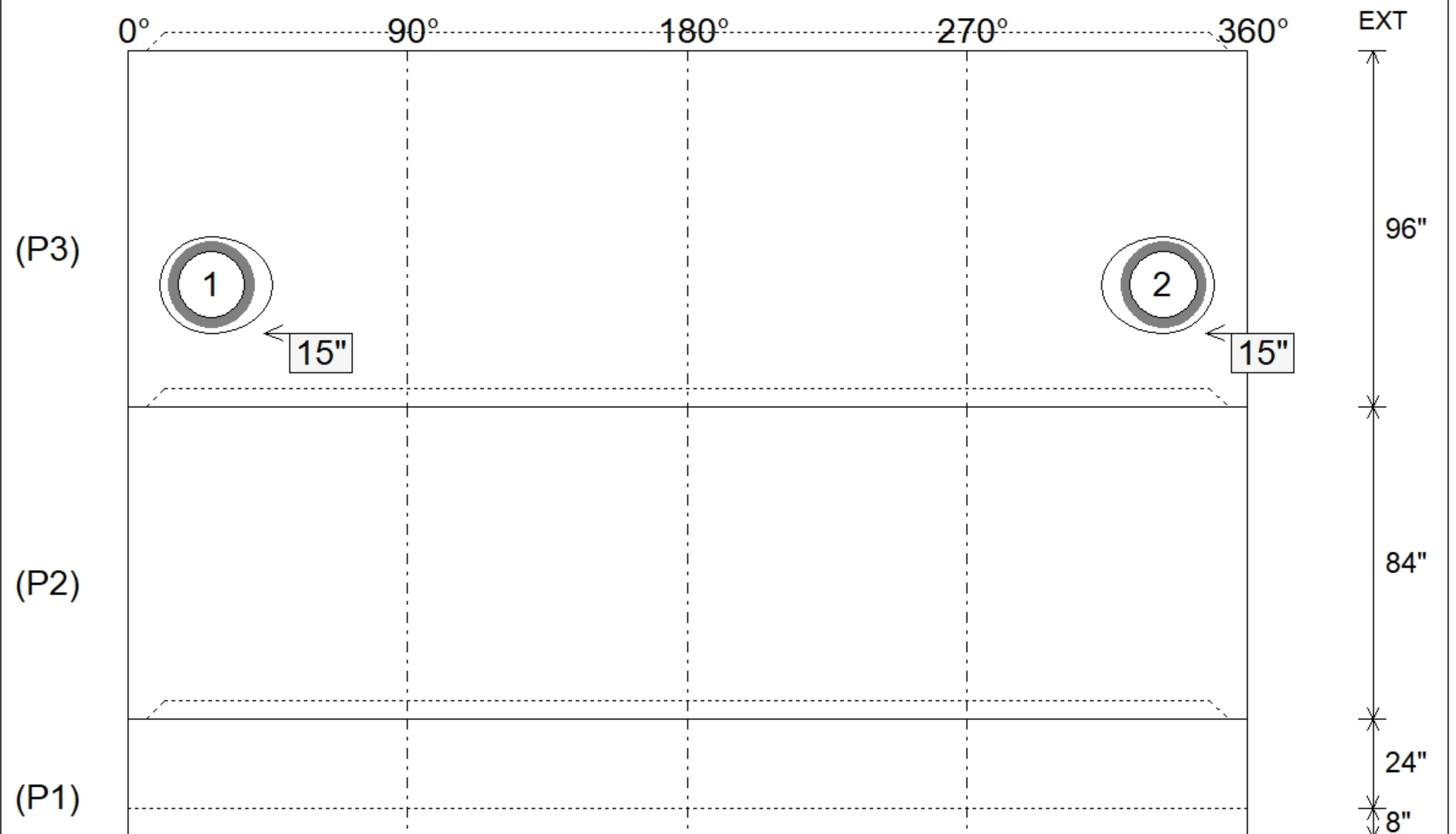
P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 96" - MH FLAT TOP w/ 24" Conc. Hole F/G - 17"	10473 lb
P4) 96" - MH RISER NO STEPS T/G - 36"	8968 lb
P3) 96" - MH RISER NO STEPS T/G - 96"	23002 lb
P2) 96" - MH RISER NO STEPS T/G - 84"	20926 lb
P1) 96" - MH BASE T/n - 24"	12831 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ASSEMBLY REQUIRED - BRACKETS ONLY	0 lb
1) CASTING - HOE MC-375 F/C Storm	271 lb
4) 96" - Conseal CS-102 1.00"	0 lb
2) Hole - 26	0 lb
Structure Total:	76471 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	565'							
Reducer								
Invert 1	553.93'	0°	18" RCP B WALL	23"	26"	Hole 26	15"	P3
Invert 2	553.93'	0°	18" RCP B WALL	23"	26"	Hole 26	15"	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: