

**Job Name: 26-1439 ADS New Seneca High School**  
**Job Location: Louisville, KY**  
**Contractor: ADS Advanced Drainage Systems, Inc.**

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



Structure ID: **WQU-24 (AR4PC)**  
 Spec: Storm-Pipe Centered  
 Type: STM.MH  
 Size: 48"

Rim: 483.25'  
 Invert: 477.24'  
 Rim to Invert: 6.01'

Sump: 81"  
 Floor (Top): 470.49'  
 Floor Height: 6"

Floor (Bot): 469.99'  
 Overall Height: 13.083'  
 Slack: 2.12"

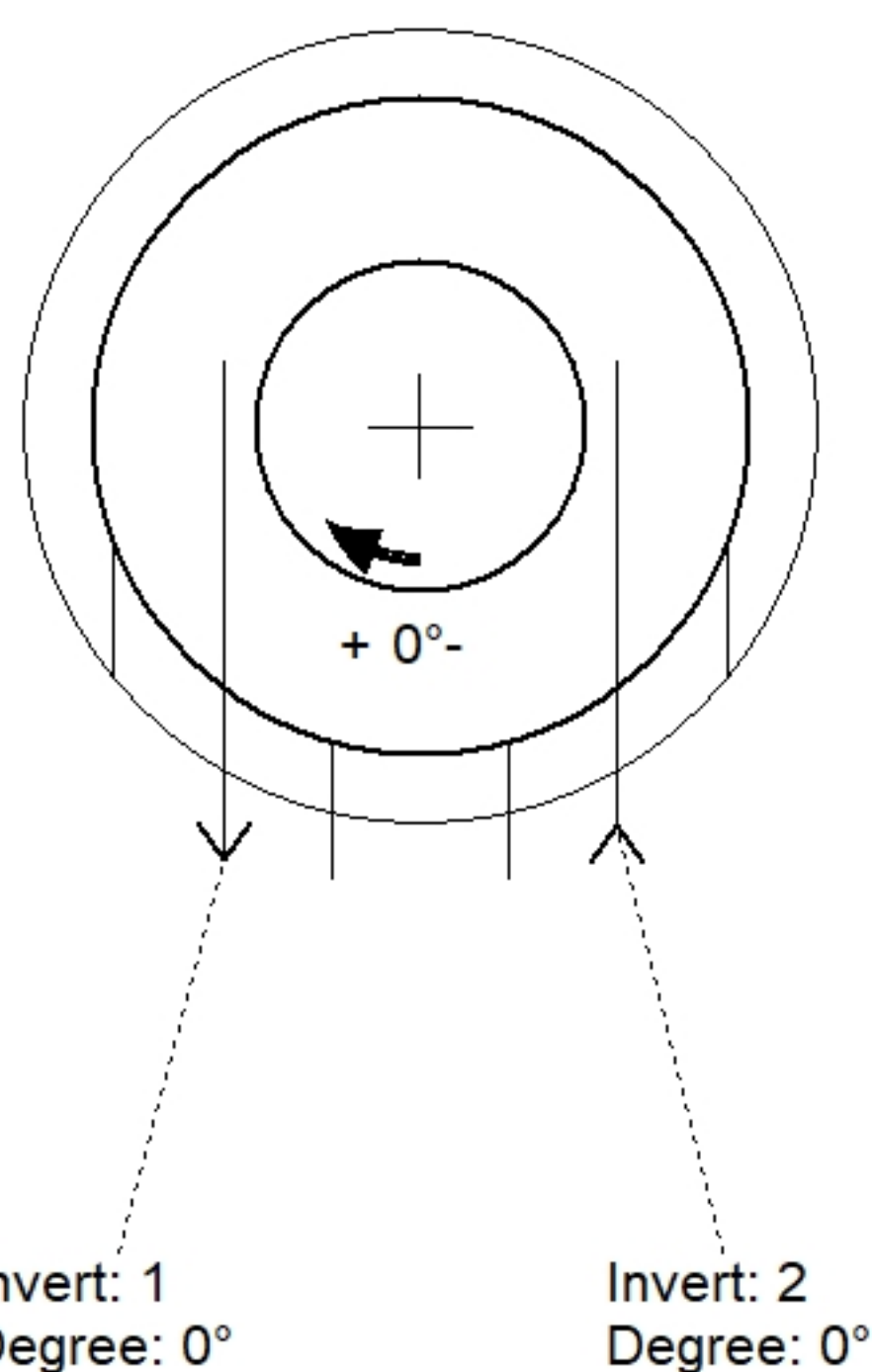
**Structure Notes:**

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

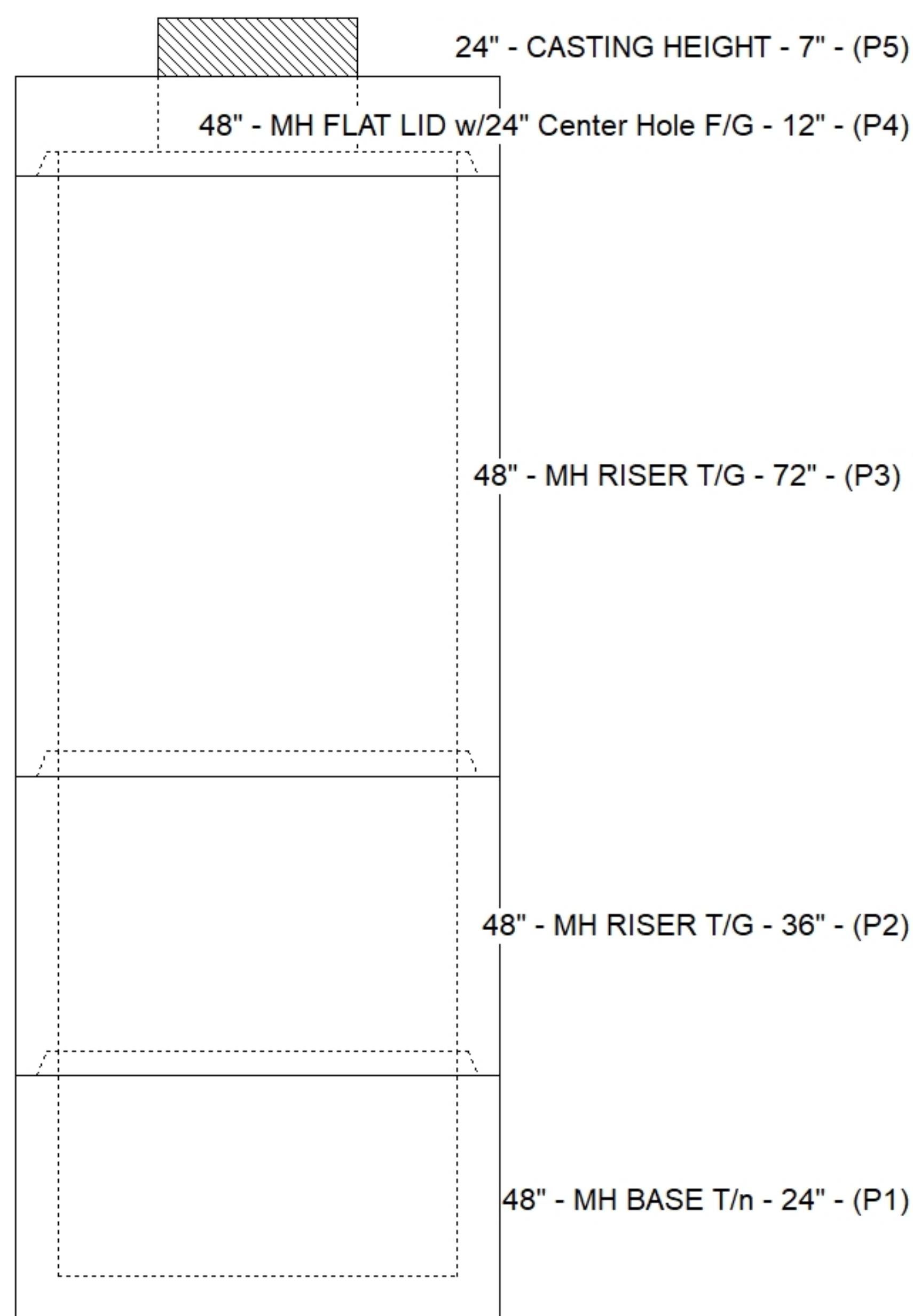
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

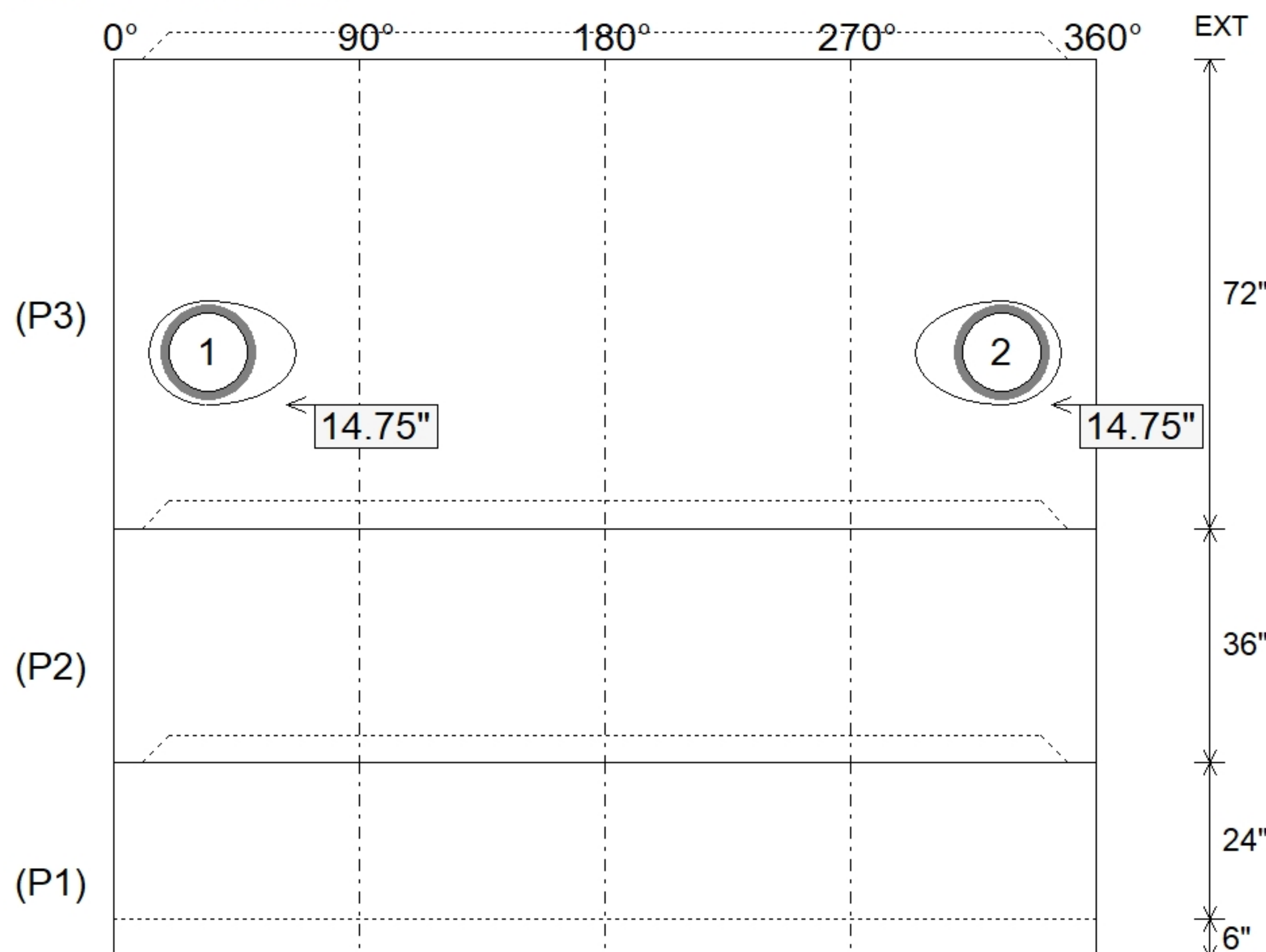
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 48" - MH FLAT LID w/24" Center Hole F/G - 12"	1580 lb
P3) 48" - MH RISER T/G - 72"	4811 lb
P2) 48" - MH RISER T/G - 36"	2515 lb
P1) 48" - MH BASE T/n - 24"	3007 lb
1) ASSEMBLY REQUIRED	0 lb
1) CASTING - HOE MC-375 F/C Storm	271 lb
3) 48" - Conseal CS-102 1.00"	0 lb
2) Hole - 16	0 lb
<b>Structure Total:</b>	<b>12183 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	483.25'							
Reducer								
Invert 1	477.24'	0°	12" HDPE	14.5"	16"	Hole 16	14.75"	P3
Invert 2	477.24'	0°	12" HDPE	14.5"	16"	Hole 16	14.75"	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: