

**Job Name: 26-1720 ADS St. Jude PG4**  
**Job Location: Memphis, TN**  
**Contractor: ADS Advanced Drainage Systems, Inc.**

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



Structure ID: **Primary Manhole**  
 Spec: Storm-Pipe Centered  
 Type: STM.MH  
 Size: 48"

Rim: 232.3'  
 Invert: 216.93'  
 Rim to Invert: 15.37'

Sump: 96"  
 Floor (Top): 208.93'  
 Floor Height: 6"

Floor (Bot): 208.43'  
 Overall Height: 23.833'  
 Slack: 0.44"

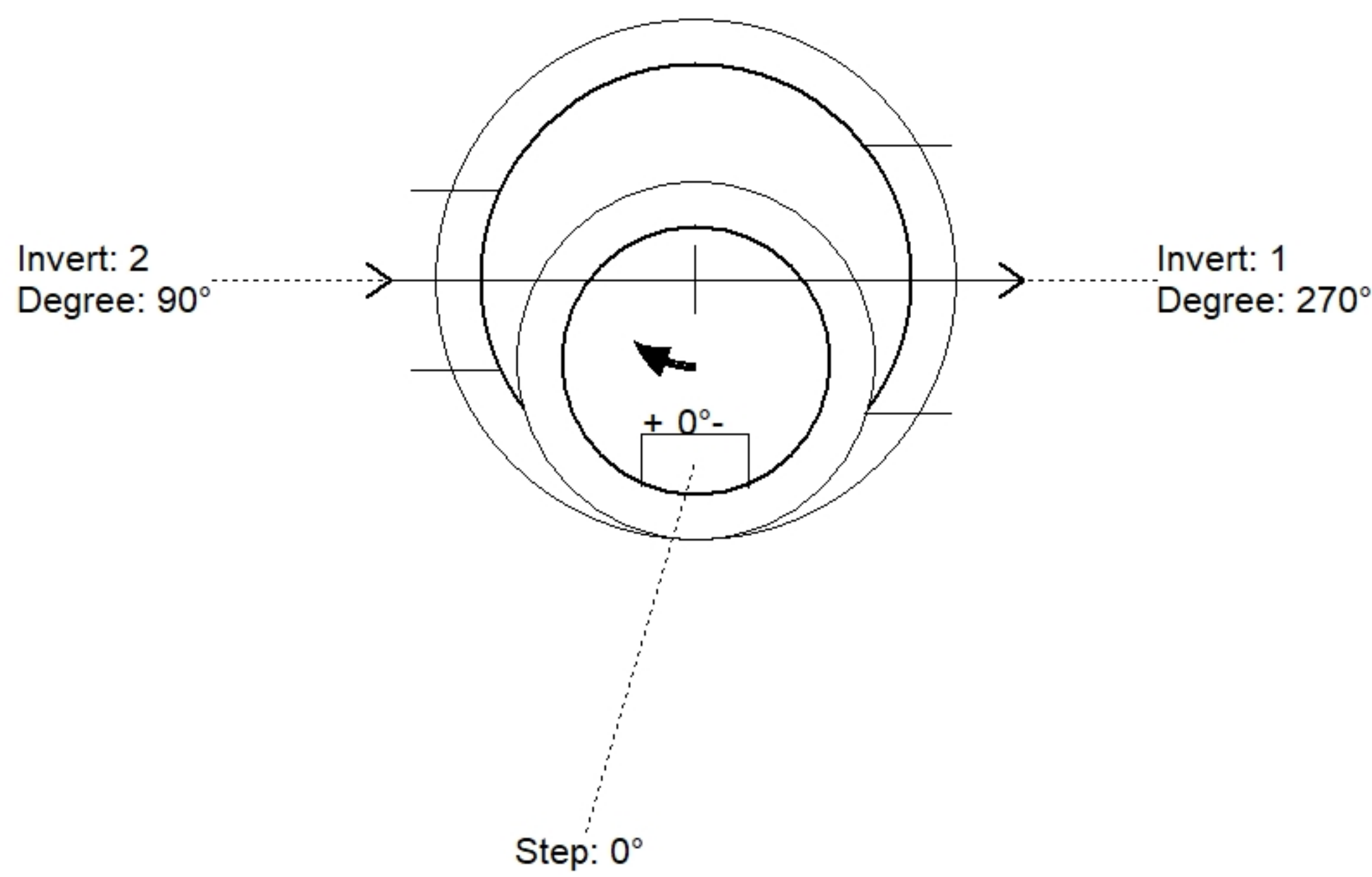
**Structure Notes:**

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE MC-680 F/C PLAIN).

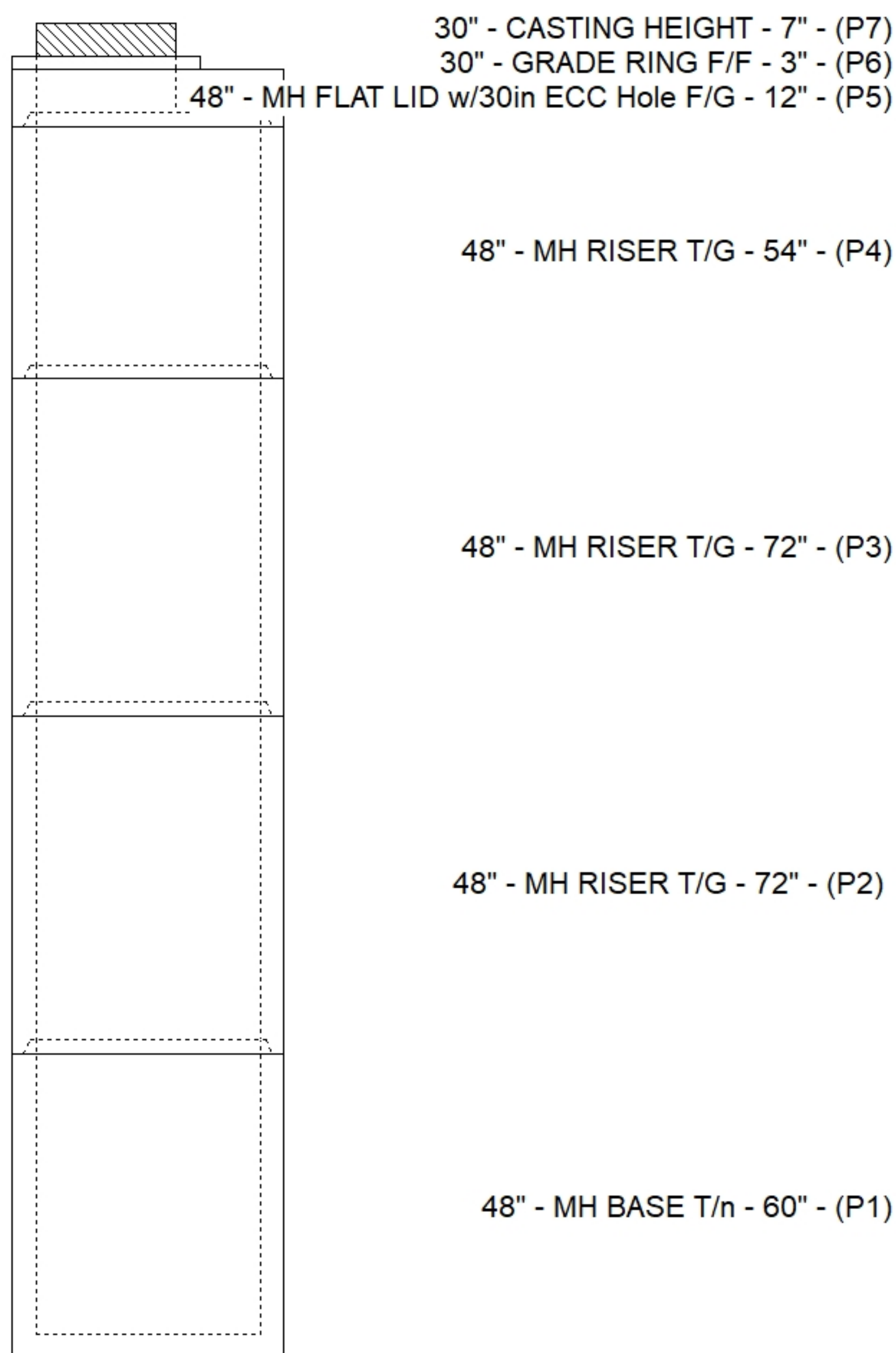
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

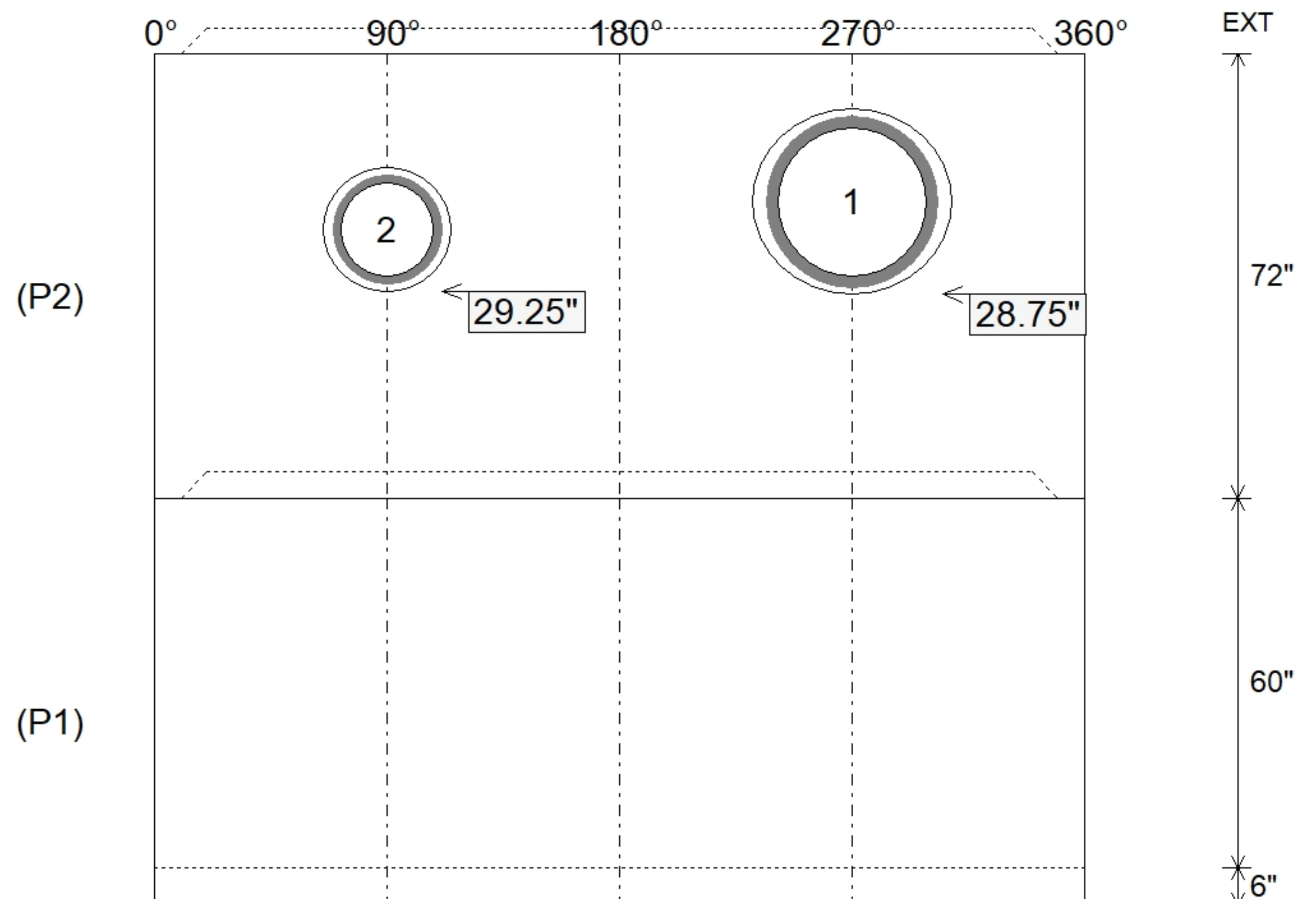
P7) 30" - CASTING HEIGHT - 7"	0 lb
P6) 30" - GRADE RING F/F - 3"	138 lb
P5) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"	1413 lb
P4) 48" - MH RISER T/G - 54"	3772 lb
P3) 48" - MH RISER T/G - 72"	5030 lb
P2) 48" - MH RISER T/G - 72"	4579 lb
P1) 48" - MH BASE T/n - 60"	5522 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-680 F/C Plain	659 lb
4) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 30	0 lb
1) Hole - 20	0 lb
18) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>21113 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	232.3'							
Reducer								
Invert 1	216.93'	270°	24" HDPE	27.8"	30"	Hole 30	28.75"	P2
Invert 2	216.93'	90°	15" HDPE	17.6"	20"	Hole 20	29.25"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 4/17/2026 3:53:45 PM

SUBMITTAL  
 APPROVED BY: