

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam



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

Rim: 722.5'	Sump: 81"
Invert: 709.8'	Floor (Top): 703.05'
Rim to Invert: 12.7'	Floor Height: 6"

Floor (Bot): 702.55'
Overall Height: 19.917'
Slack: 0.4"

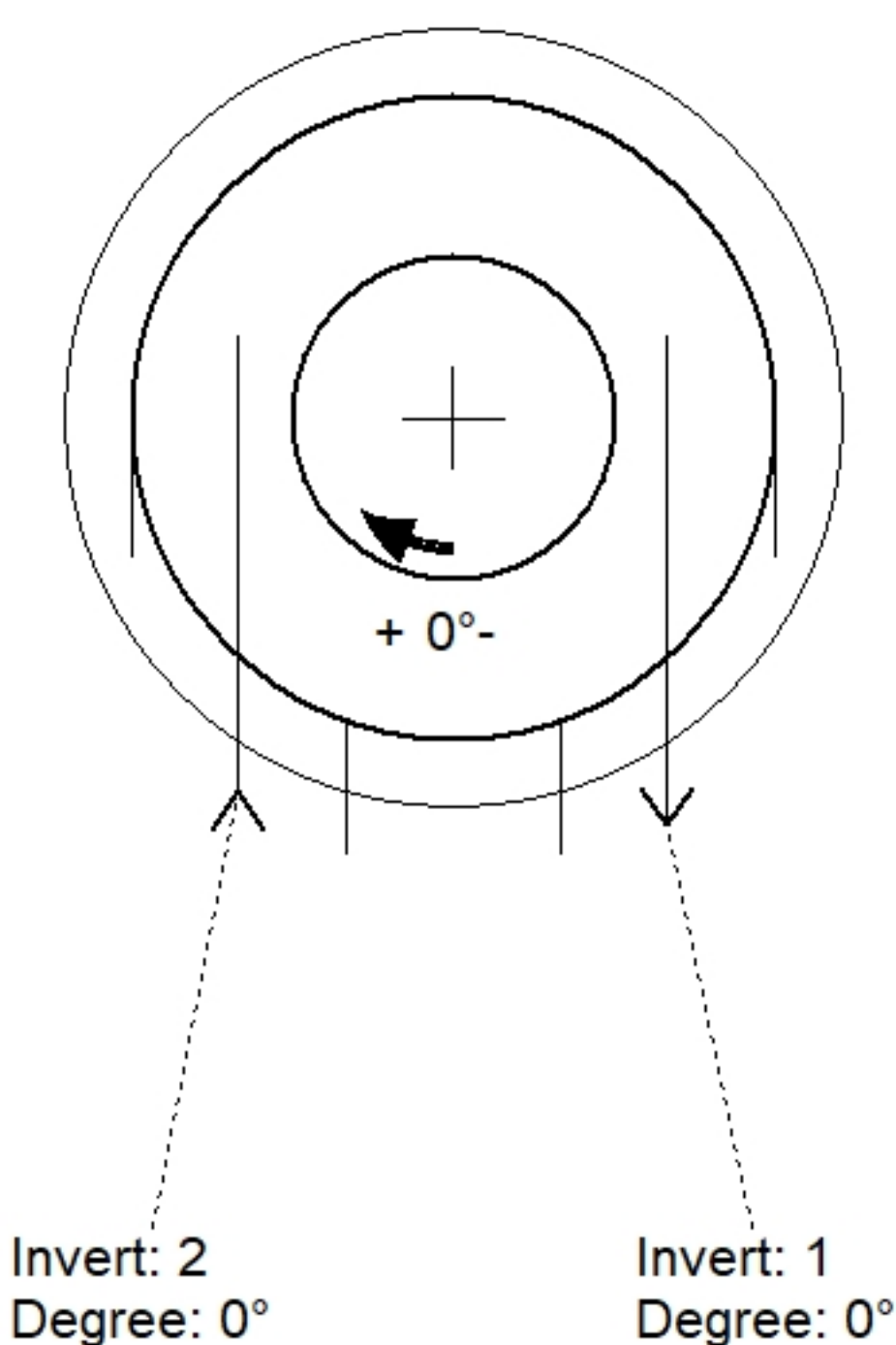
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
4. CASTING BY ICAST (HOE MC-375 F/C "STORM").

REINFORCING PER ASTM A615 (GRADE 60).

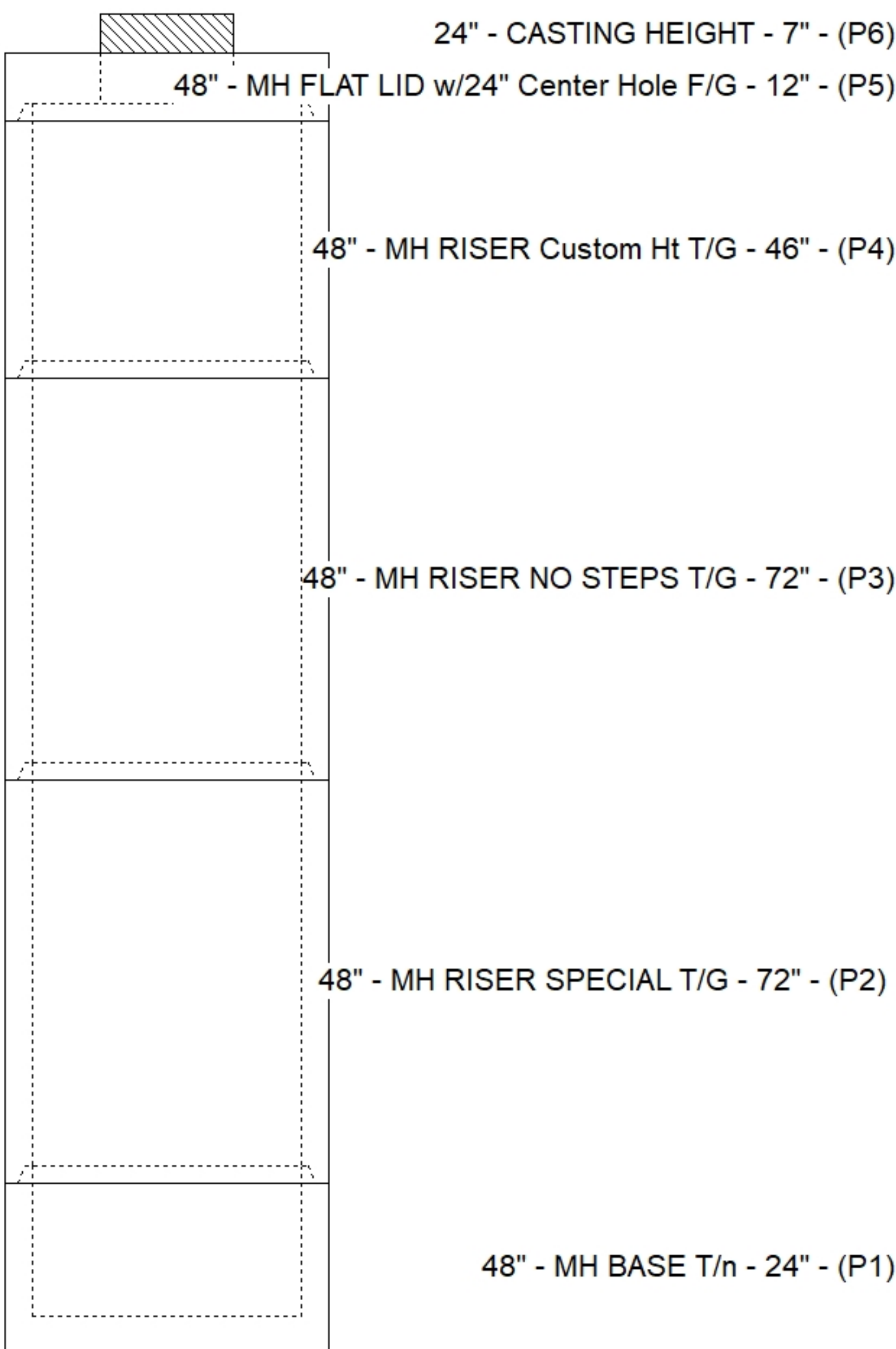
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 48" - MH FLAT LID w/24" Center Hole F/G - 12"	1580 lb
P4) 48" - MH RISER Custom Ht T/G - 46"	3213 lb
P3) 48" - MH RISER NO STEPS T/G - 72"	5030 lb
P2) 48" - MH RISER SPECIAL T/G - 72"	4770 lb
P1) 48" - MH BASE T/n - 24"	3007 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) CASTING - HOE MC-375 F/C Storm	271 lb
4) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 16	0 lb

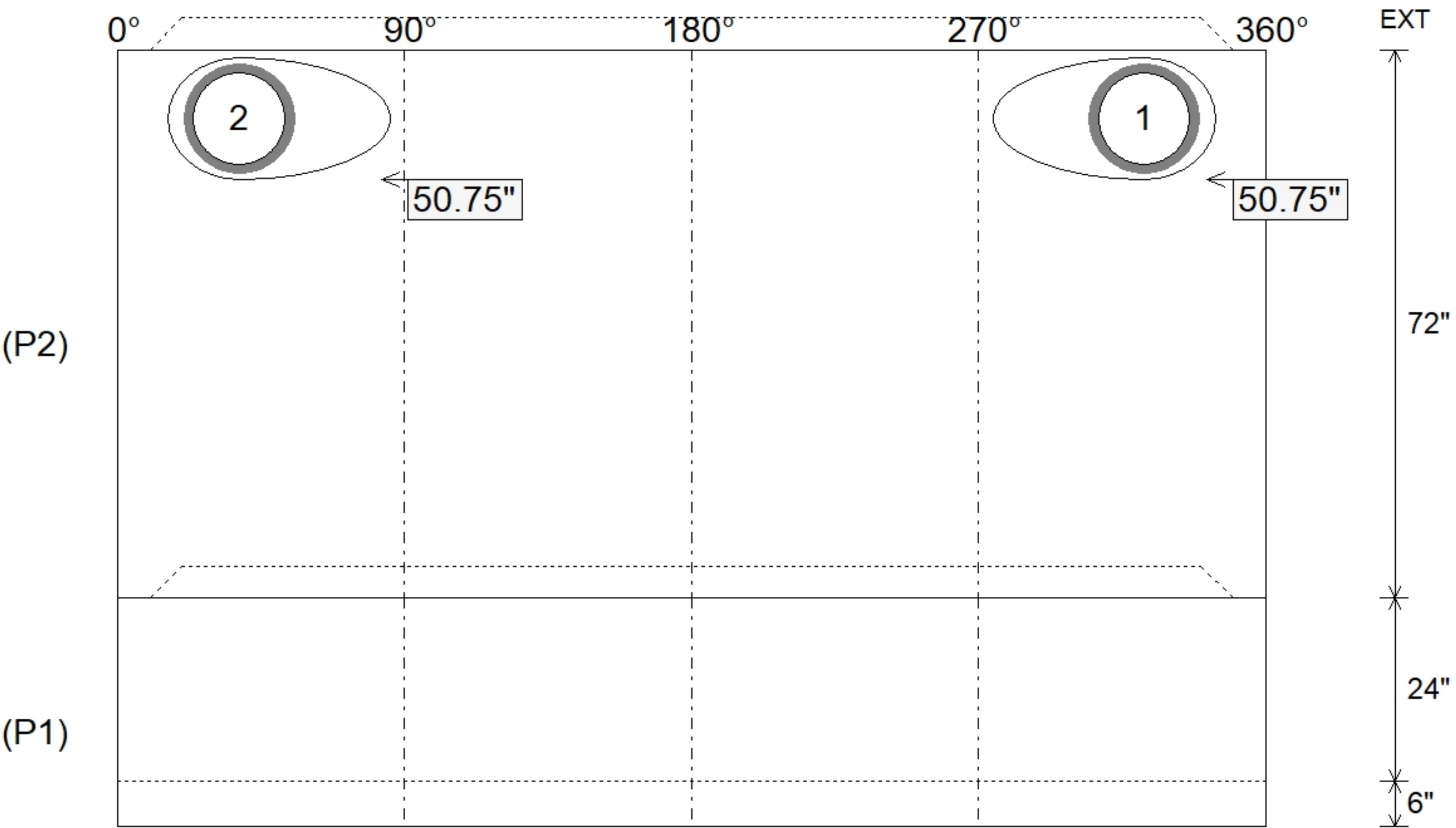
Structure Total: 17871 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌵)	Ref
Rim	722.5'							
Reducer								
Invert 1	709.8'	0°	12" HDPE	14.5"	16"	Hole 16	50.75"	P2
Invert 2	709.8'	0°	12" HDPE	14.5"	16"	Hole 16	50.75"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
9/3/2026 2:23:01 PM

SUBMITTAL
APPROVED BY: