

Contractor: Pace Contracting, LLC

TECH: Jared - F

Plant: 100

Structure ID: **PROCESS RETURN V.V.**

Spec: Sanitary
Type: Valve Vault
Size: 96"

Rim: 448.25'
Invert: 439.33'
Rim to Invert: 8.92'

Sump: 0.96"
Floor (Top): 439.25'
Floor Height: 12"

Floor (Bot): 438.25'
Overall Height: 10'
Slack: 0"

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH SUPPLIED BY I-CAST (HALLIDAY W2S 60"X60").

REINFORCING PER ASTM A615 (GRADE 60).

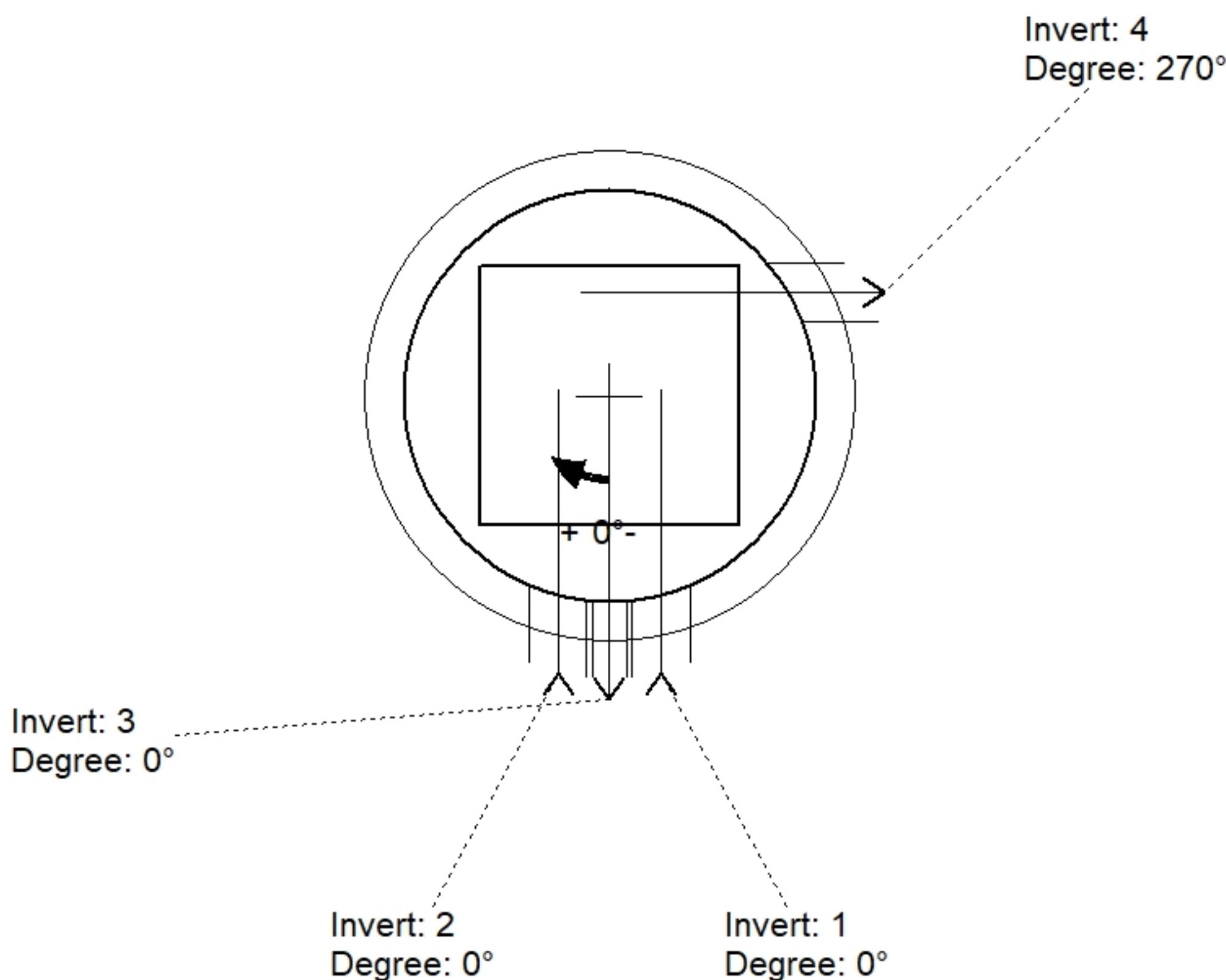
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)
- RISER/WALLS (As .24)
- FLOOR (As .37) #5 BARS AT 8" C.C.E.W. (DOUBLE MAT)

STRUCTURE SUMMARY:

- P3) 60" x 60" - CASTING HEIGHT - 0"
- P2) 96" - MH TOP SLAB w/60"x60" Hatch - 17"
- P1) 96" - MH BASE EF Cust. Ht. 12"F (14"EF=142"OD) - 91"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) HATCH (Alum.) - HALLIDAY W2S 60"x60"
- 1) SECONDARY POUR - EXT. FLANGE
- 1) 96" - Conseal CS-102 1.00" (Double)
- 1) 60" x 60" - Conseal CS-102 1.00" (Double)
- 3) Z-Lok - C107-8
- 1) PSX - 8QRS-S NYLO

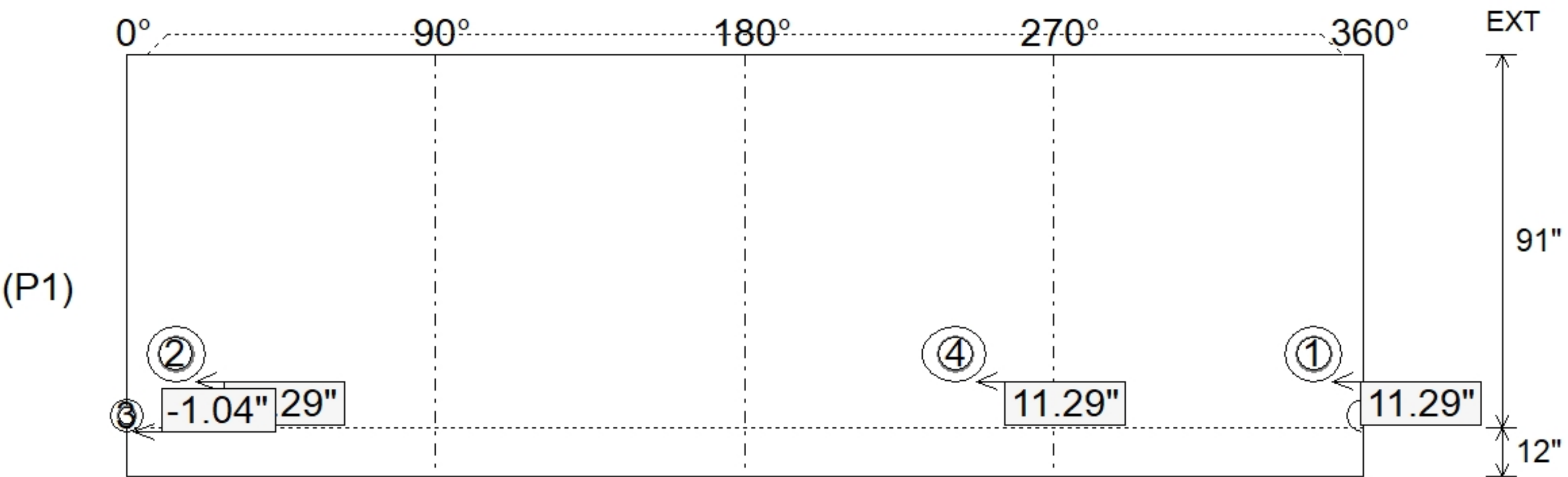
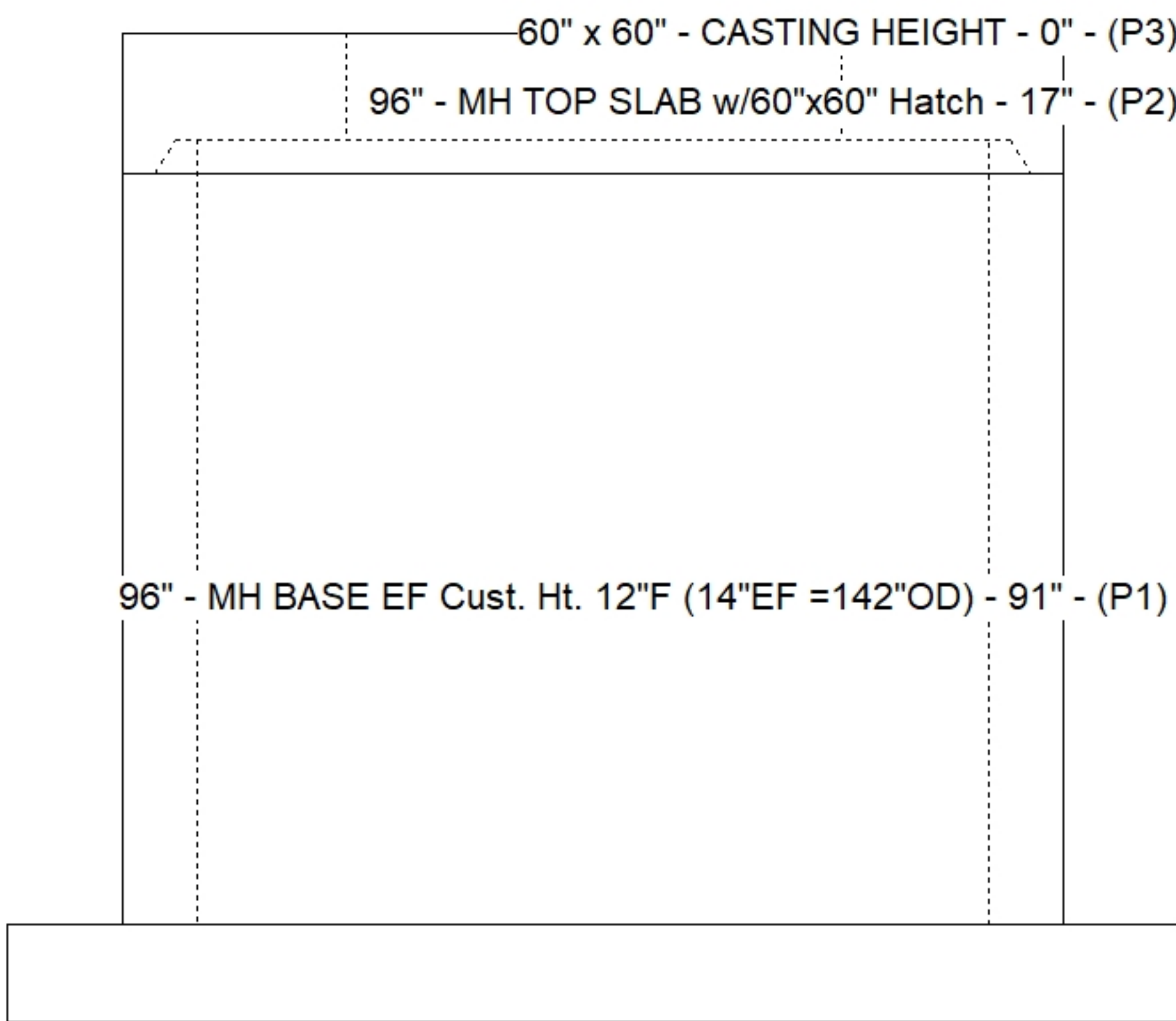
0 lb
7554 lb
38233 lb
0 lb
0 lb
177 lb
0 lb
0 lb
0 lb
3 lb
6 lb

Structure Total: 45973 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	448.25'							
Reducer								
Invert 1	440.42'	0°	8" DI	9"	13.5"	Z-Lok C107-8	11.29"	P1
Invert 2	440.42'	0°	8" DI	9"	13.5"	Z-Lok C107-8	11.29"	P1
Invert 3	439.33'	0°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	-1.04"	P1
Invert 4	440.42'	270°	8" DI	9"	13.5"	Z-Lok C107-8	11.29"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
6/8/2026 10:33:45 AM

SUBMITTAL
APPROVED BY: