

**Job Name: 26-1517 WHUD Calista Farms Vault**  
**Job Location: White House, TN**  
**Contractor: Twin States Utilities, Inc.**

PC: E. Bradley  
 TECH: J. Coppage  
 Plant: Beaver Dam



Structure ID: Vault PRV Vault

Spec: Vaults  
 Type: Meter Vault 6inW, 6inF  
 Size: 48" x 72"

Rim: 5.67'  
 Invert: 0'  
 Rim to Invert: 5.67'

Sump: 0"  
 Floor (Top): 0"  
 Floor Height: 6"

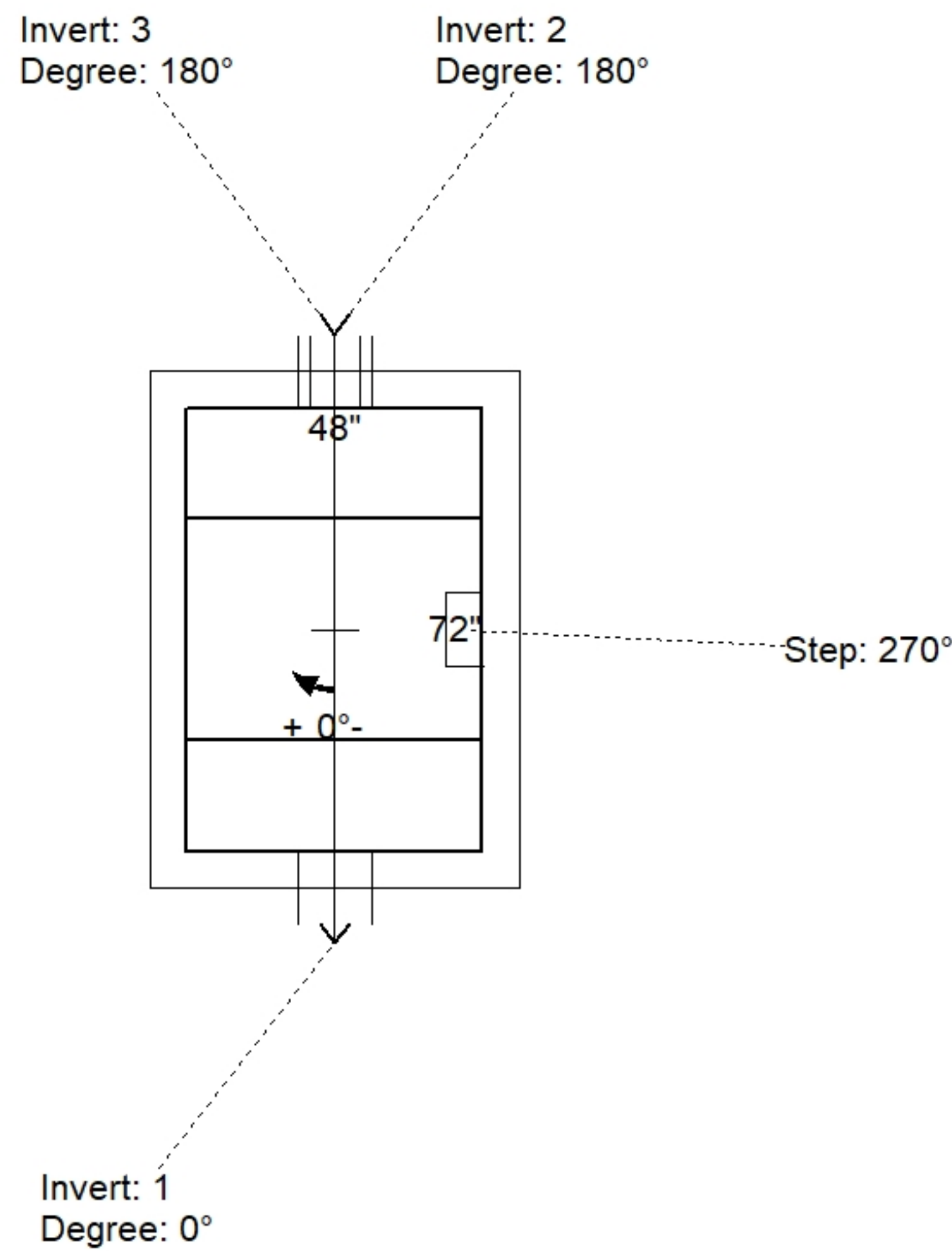
Floor (Bot): -0.5'  
 Overall Height: 6.167'  
 Slack: 3.04"

**Structure Notes:**

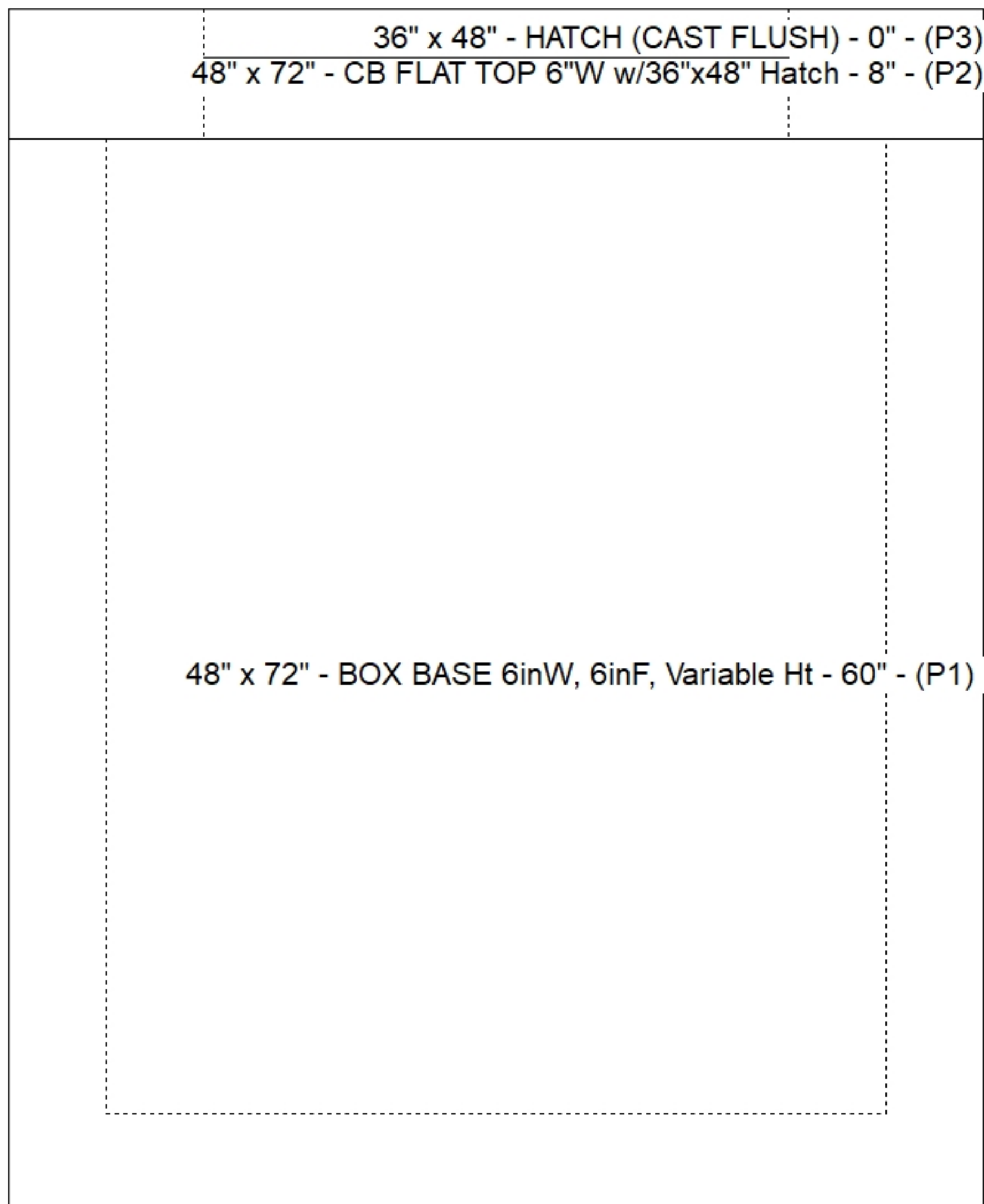
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. REINFORCING PER ASTM A615 (GRADE 60).
  - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
  - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
  - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

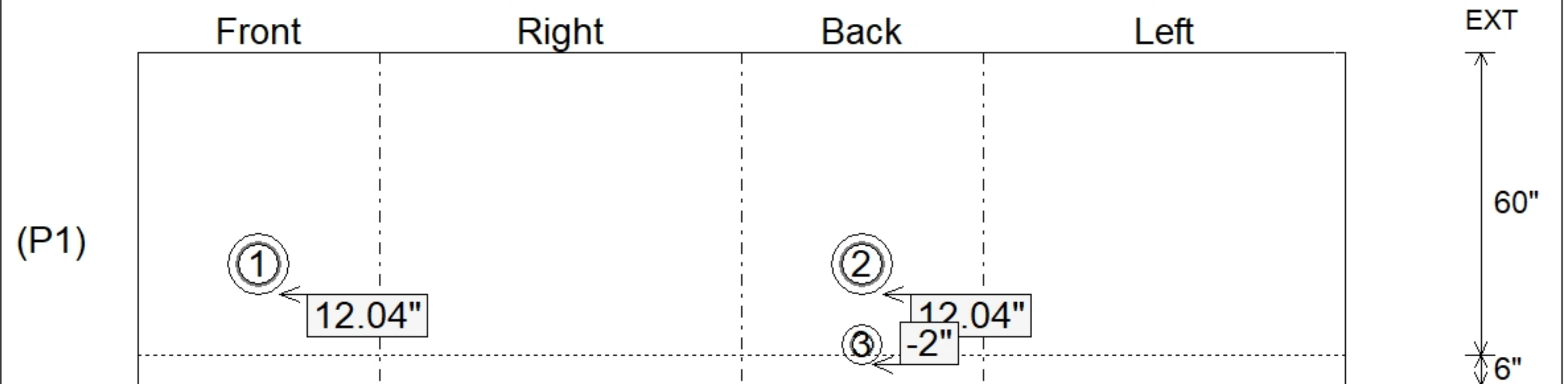
P3) 36" x 48" - HATCH (CAST FLUSH) - 0"	100 lb
P2) 48" x 72" - CB FLAT TOP 6"W w/36"x48" Hatch - 8"	2318 lb
P1) 48" x 72" - BOX BASE 6inW, 6inF, Variable Ht - 60"	10373 lb
1) SECONDARY POUR - Walls	0 lb
1) 48" x 72" - Conseal CS-102 1.00"	0 lb
1) 36" x 48" - Conseal CS-102 1.00"	0 lb
2) Hole - 12	0 lb
1) Hole - 8	0 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>12791 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	5.67'							
Reducer								
Invert 1	1.17'	0°	8" DI	9"	12"	Hole 12	12.04"	P1
Invert 2	1.17'	180°	8" DI	9"	12"	Hole 12	12.04"	P1
Invert 3	0'	180°	4" DI	4.75"	8"	Hole 8	-2"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 3/12/2026 9:58:59 AM

SUBMITTAL  
 APPROVED BY: