

**Job Name: 25-1664 Springfield WWTP**  
**Job Location: Springfield, TN**  
**Contractor: Smith Contractors, Inc.**

PC: C. Goff  
 TECH: J. Coppage  
 Plant: Beaver Dam



Structure ID: **48IN X 48IN FILTER UV VV**  
 Spec: Vaults-Xypex  
 Type: Vault 8inW, 8inF  
 Size: 48" x 48"

Rim: 4.75'  
 Invert: 0'  
 Rim to Invert: 4.75'

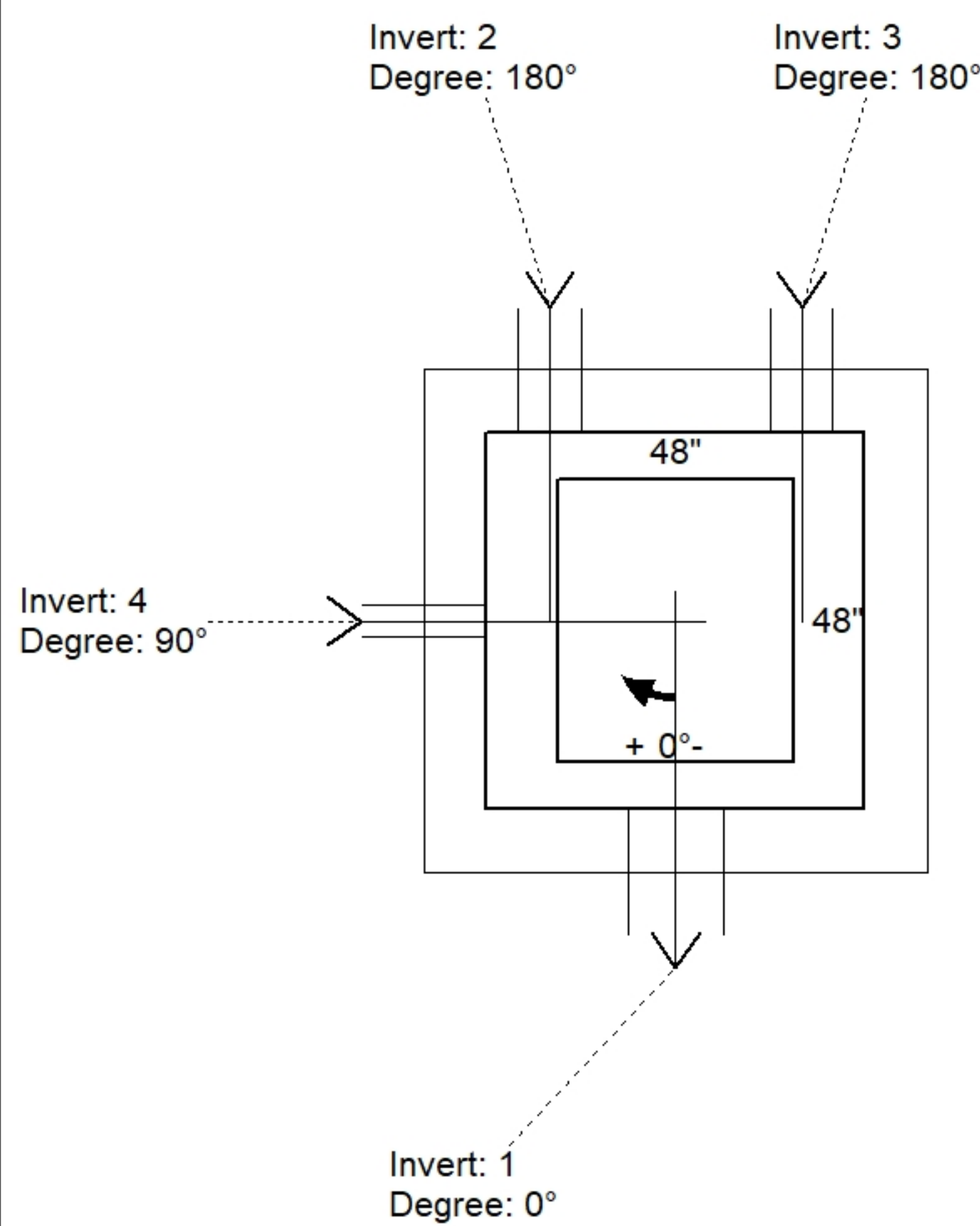
Sump: 0"  
 Floor (Top): 0'  
 Floor Height: 8"

Floor (Bot): -0.667'  
 Overall Height: 5.417'  
 Slack: 0"

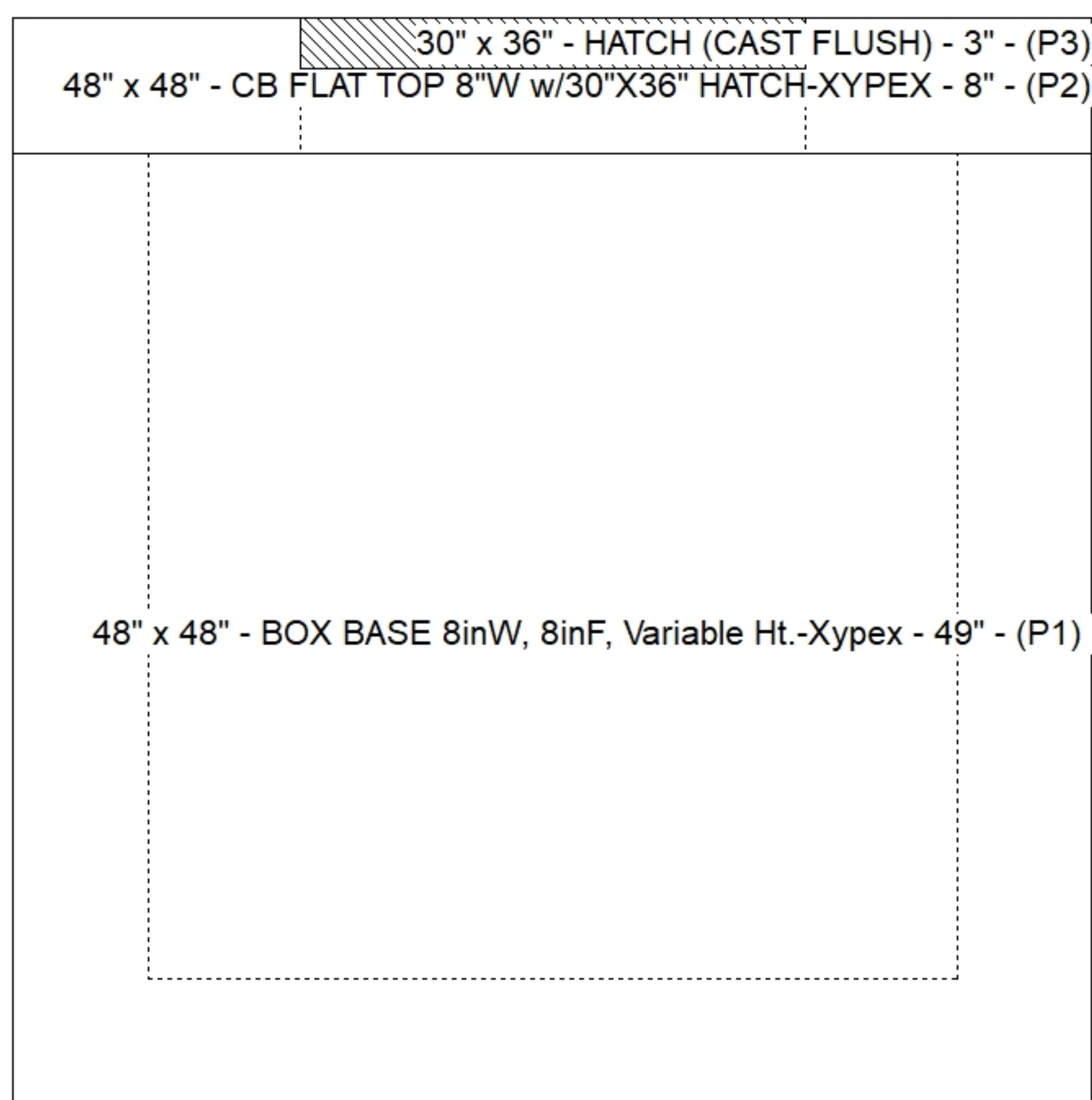
Structure Notes: note 4" opening is to be in the floor not in the wall. only did that for weight calculations

STRUCTURE SUMMARY:

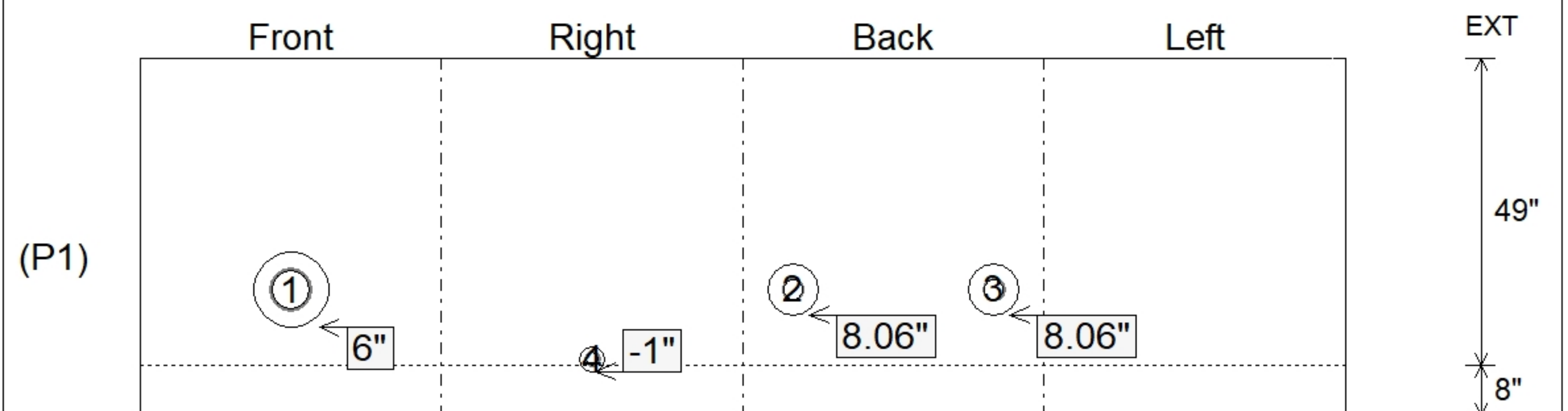
P3) 30" x 36" - HATCH (CAST FLUSH) - 3"	100 lb
P2) 48" x 48" - CB FLAT TOP 8"W w/30"X36" HATCH-XYPEX - 8"	2025 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht.-Xypex - 49"	9966 lb
1) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) PSX - 12-06 NYLO	8 lb
2) PSX - 8QRS-S NYLO	13 lb
1) Hole - 4	0 lb
<b>Structure Total:</b>	<b>12112 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	4.75'							
Reducer								
Invert 1	0.75'	0°	6" DI	6.875"	12"	PSX 12-06 NYLO	6"	P1
Invert 2	0.88'	180°	3" DI	3.5"	8"	PSX 8QRS-S NYLO	8.06"	P1
Invert 3	0.88'	180°	3" DI	3.5"	8"	PSX 8QRS-S NYLO	8.06"	P1
Invert 4	0'	90°	2" DI	2.5"	4"	Hole 4	-1"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing  
 3/20/2026 10:27:39 AM

SUBMITTAL  
 APPROVED BY: