

**Job Name: 25-3273 GALLATIN VAULT**  
**Job Location: GALLATIN, TN**  
**Contractor: Hayes Pipe Supply**

PC: A. CHAMBERS  
 TECH: J. COPPAGE  
 Plant: BEAVER DAM



Structure ID: **MASTER METER VAULT**  
 Spec: Storm-Pipe Centered  
 Type: BX 6inW, 6inF  
 Size: 72" x 144"

Rim: 5'  
 Invert: 0'  
 Rim to Invert: 5'

Sump: 20"  
 Floor (Top): -1.667'  
 Floor Height: 6"

Floor (Bot): -2.167'  
 Overall Height: 7.167'  
 Slack: 0"

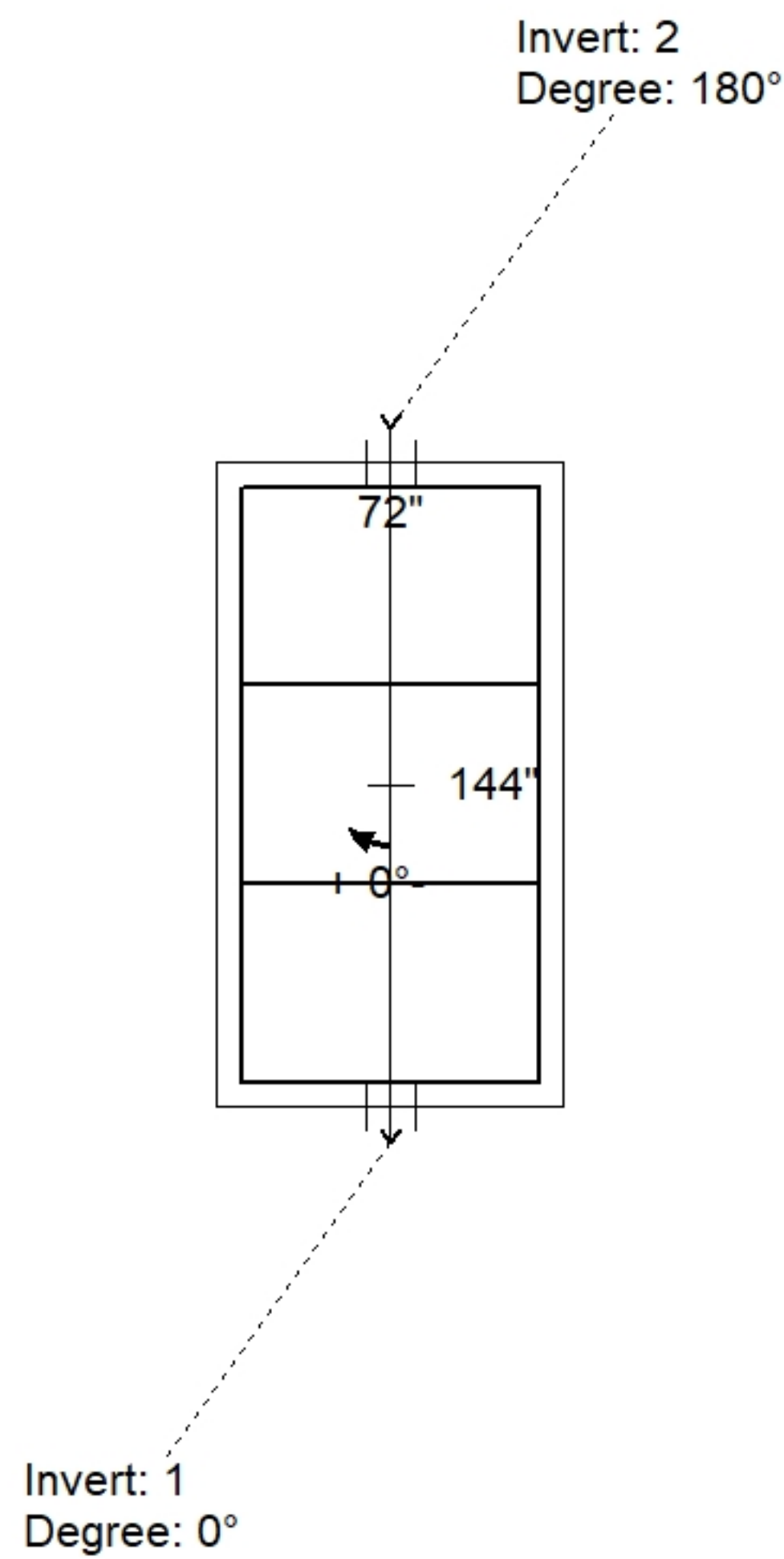
**Structure Notes:**

1. PER ASTM C913.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. CASTING BY ???

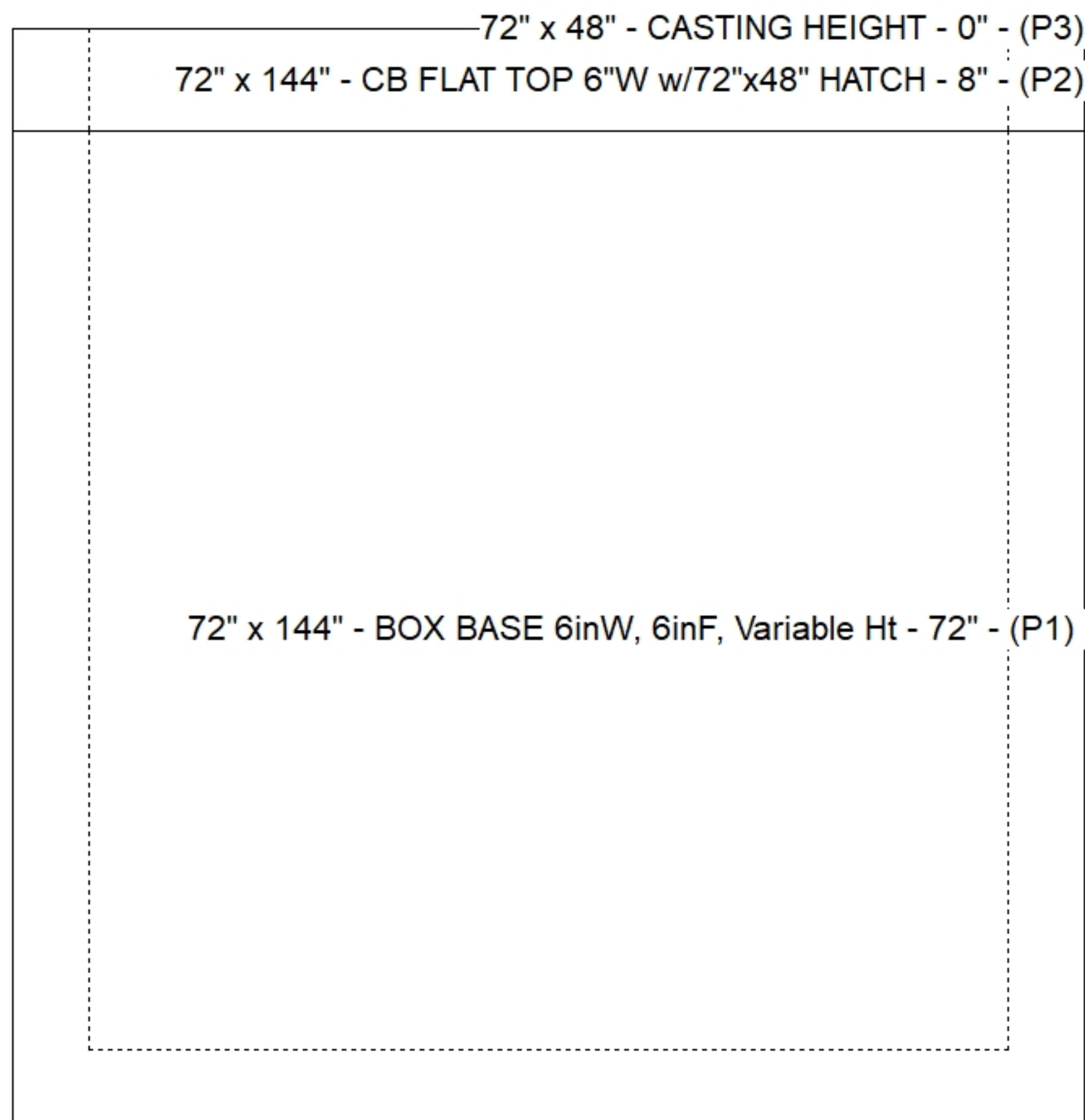
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.  
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

**STRUCTURE SUMMARY:**

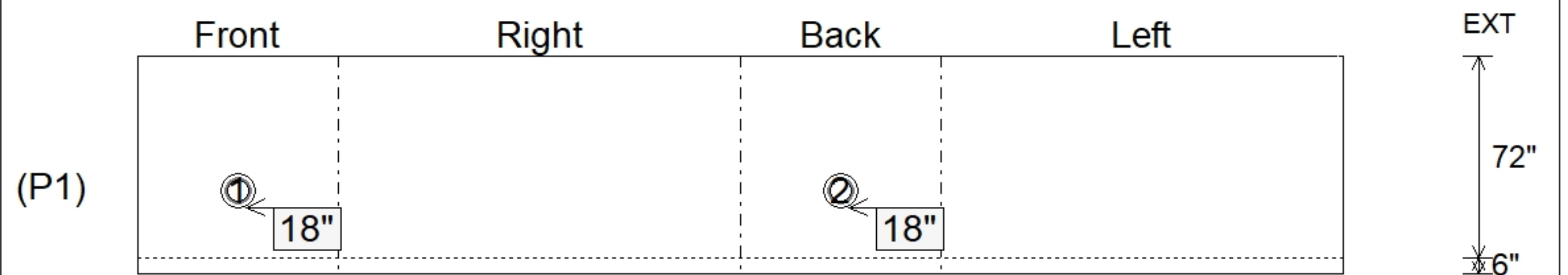
P3) 72" x 48" - CASTING HEIGHT - 0"	0 lb
P2) 72" x 144" - CB FLAT TOP 6"W w/72"x48" HATCH - 8"	6477 lb
P1) 72" x 144" - BOX BASE 6inW, 6inF, Variable Ht - 72"	23014 lb
1) This Structure Includes a Cast-in Item	0 lb
1) 72" x 144" - Conseal CS-102 1.00"	0 lb
2) Hole - 12	0 lb
<b>Structure Total:</b>	<b>29490 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	5'							
Reducer								
Invert 1	0'	0°	8" DI	9"	12"	Hole 12	18"	P1
Invert 2	0'	180°	8" DI	9"	12"	Hole 12	18"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 11/5/2025 11:47:03 AM

SUBMITTAL  
 APPROVED BY: