

**Job Name: 25-3061 - SGSC Multi Purpose Facility**

**Job Location: Fort Branch, IN**

**Contractor: K&K Excavating Inc.**

PC: E. Bradley

TECH: J. Horsley - F

Plant: 100



**Structure ID: Storm Inlet B**

Spec: Storm  
Type: BX 6inW, 6inF  
Size: 24" x 24"

Rim: 480.11'  
Invert: 476.13'  
Rim to Invert: 3.98'

Sump: 0.55"  
Floor (Top): 476.084'  
Floor Height: 6"

Floor (Bot): 475.584'  
Overall Height: 4.5'  
Slack: 0.31"

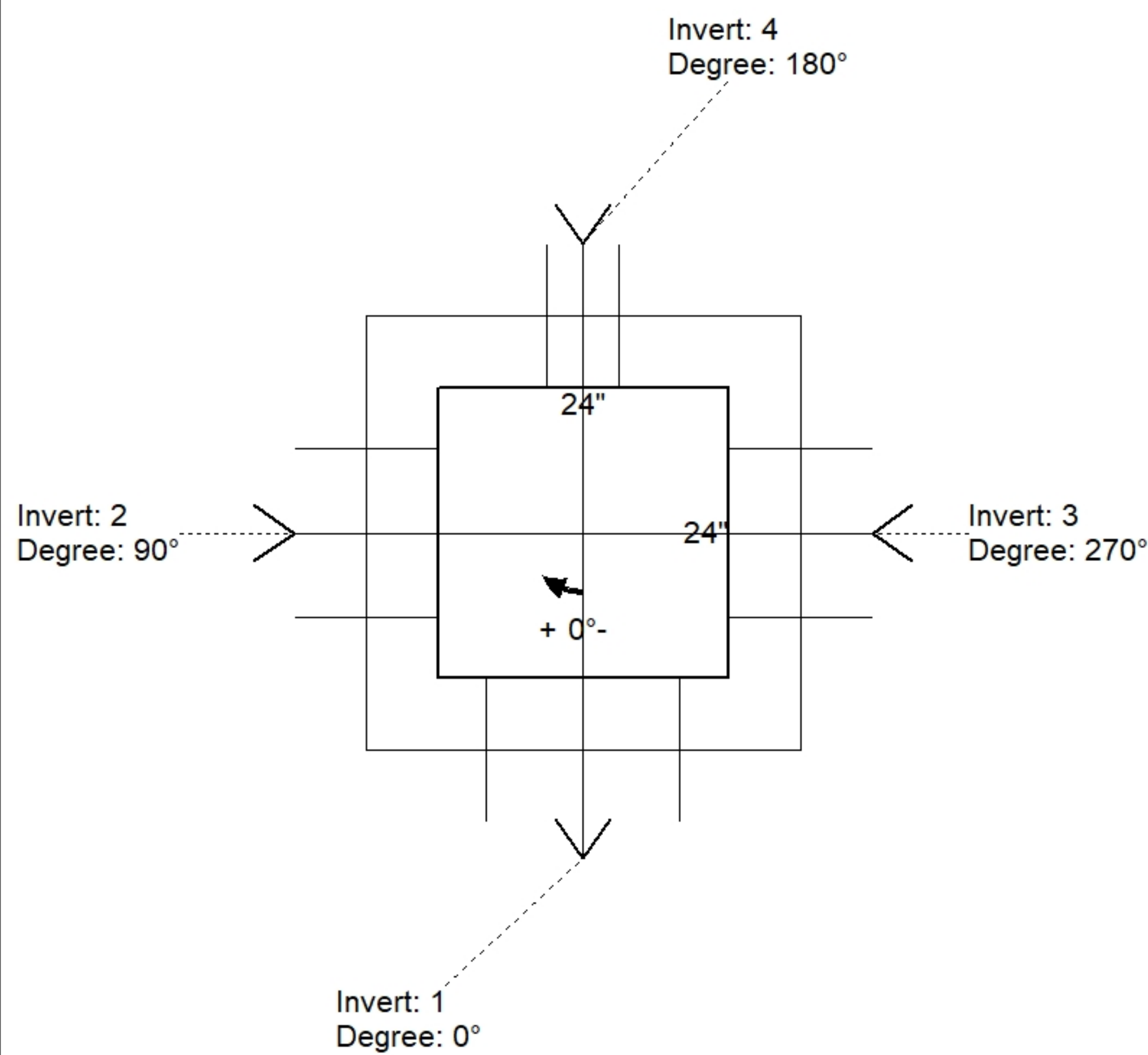
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE MC-315 FRAME W/ 1020B COVER BY ICAST).

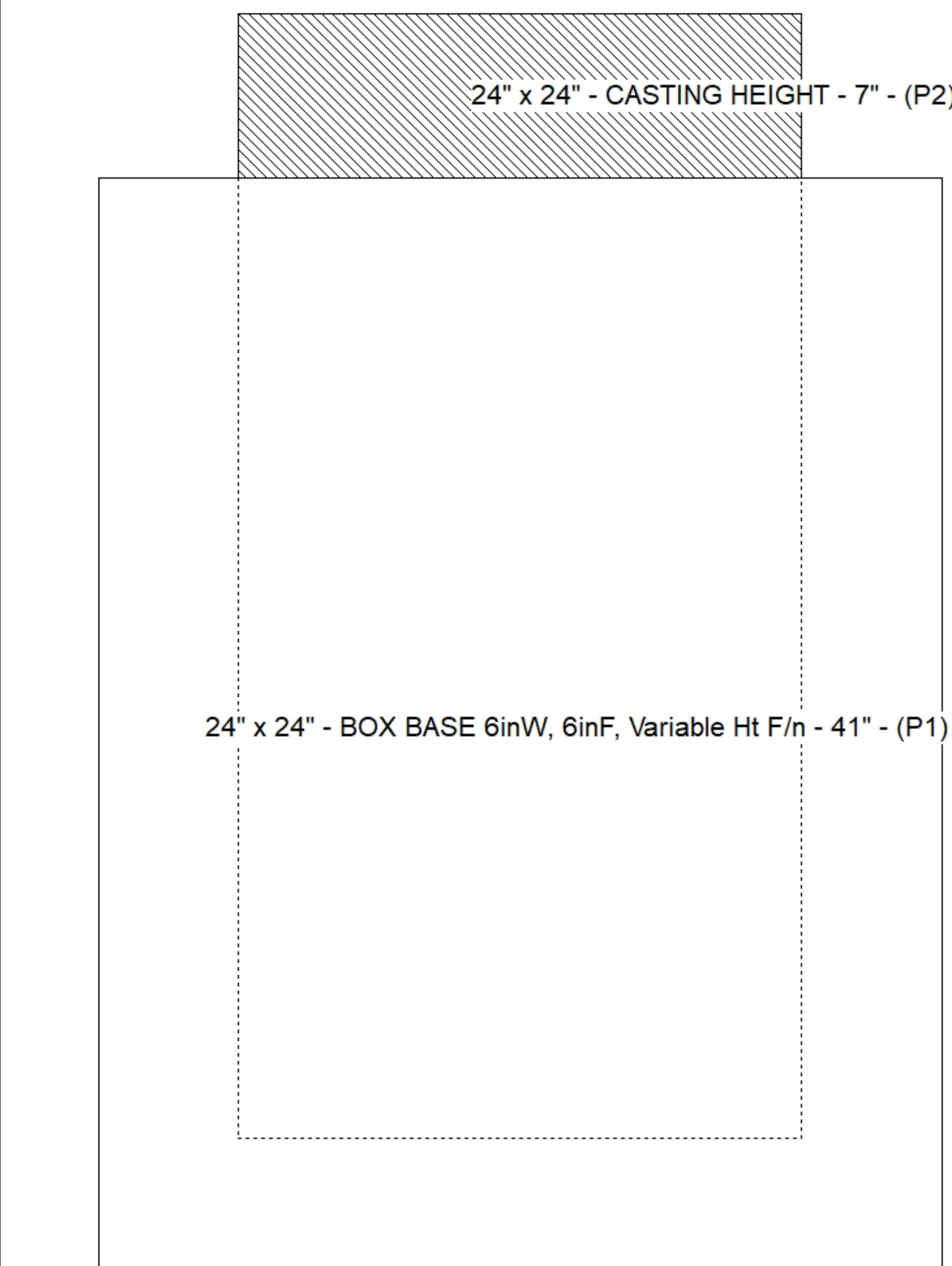
REINFORCING PER ASTM A615 (GRADE 60).  
- WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

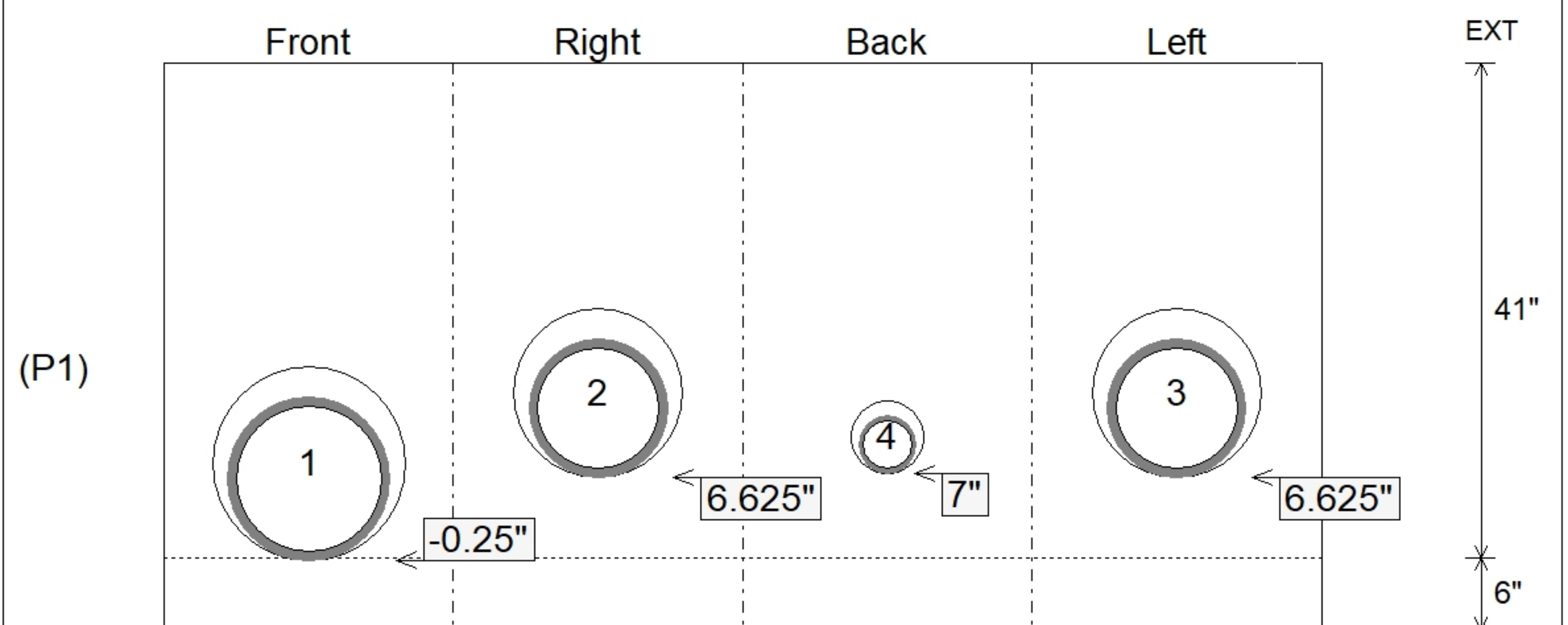
P2) 24" x 24" - CASTING HEIGHT - 7"	0 lb
P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 41"	2859 lb
1) CASTING - HOE MCB-315 F/TY.B Perf. Cover	258 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb
2) Hole - 14	0 lb
1) Hole - 6	0 lb
<b>Structure Total:</b>	<b>3117 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	480.11'							
Reducer								
Invert 1	476.13'	0°	12" A-2000	13.5"	16"	Hole 16	-0.25"	P1
Invert 2	476.7'	90°	10" A-2000	11.5"	14"	Hole 14	6.625"	P1
Invert 3	476.7'	270°	10" A-2000	11.5"	14"	Hole 14	6.625"	P1
Invert 4	476.7'	180°	4" HDPE	4.8"	6"	Hole 6	7"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
11/25/2025 4:56:44 PM

SUBMITTAL  
APPROVED BY: