

**Job Name: 25-3403A - MURRAY ART GUILD**  
**Job Location: Murray, KY**  
**Contractor: Sykes Family Farms, LLC.**

PC: E. Bradley  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: **JB-C1**

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

Rim: 503.3'  
 Invert: 501.05'  
 Rim to Invert: 2.25'

Sump: 1.25"  
 Floor (Top): 500.946'  
 Floor Height: 6"

Floor (Bot): 500.446'  
 Overall Height: 2.833'  
 Slack: 0.25"

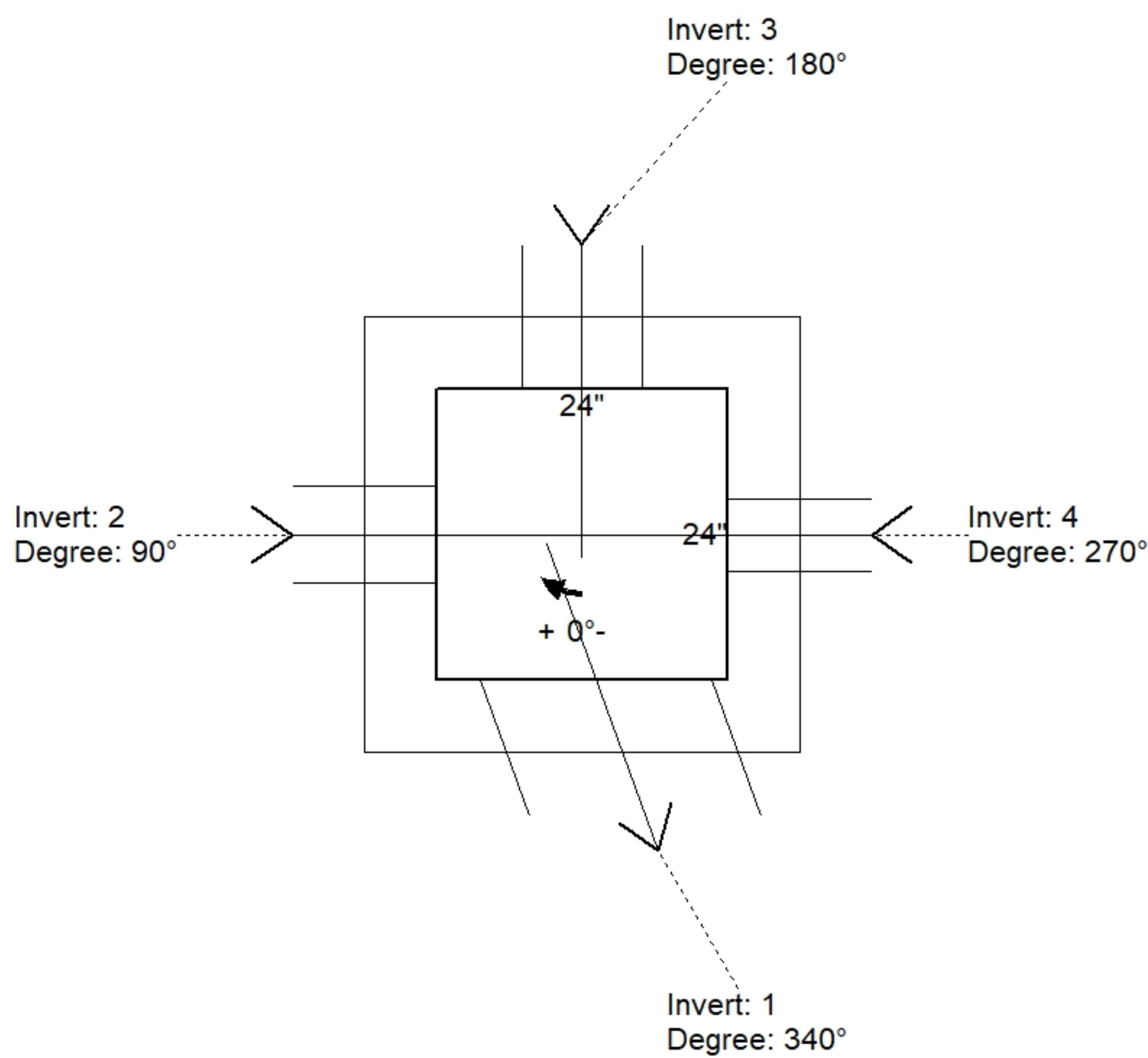
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST(HOE 280-C FRAME/SOLID COVER).

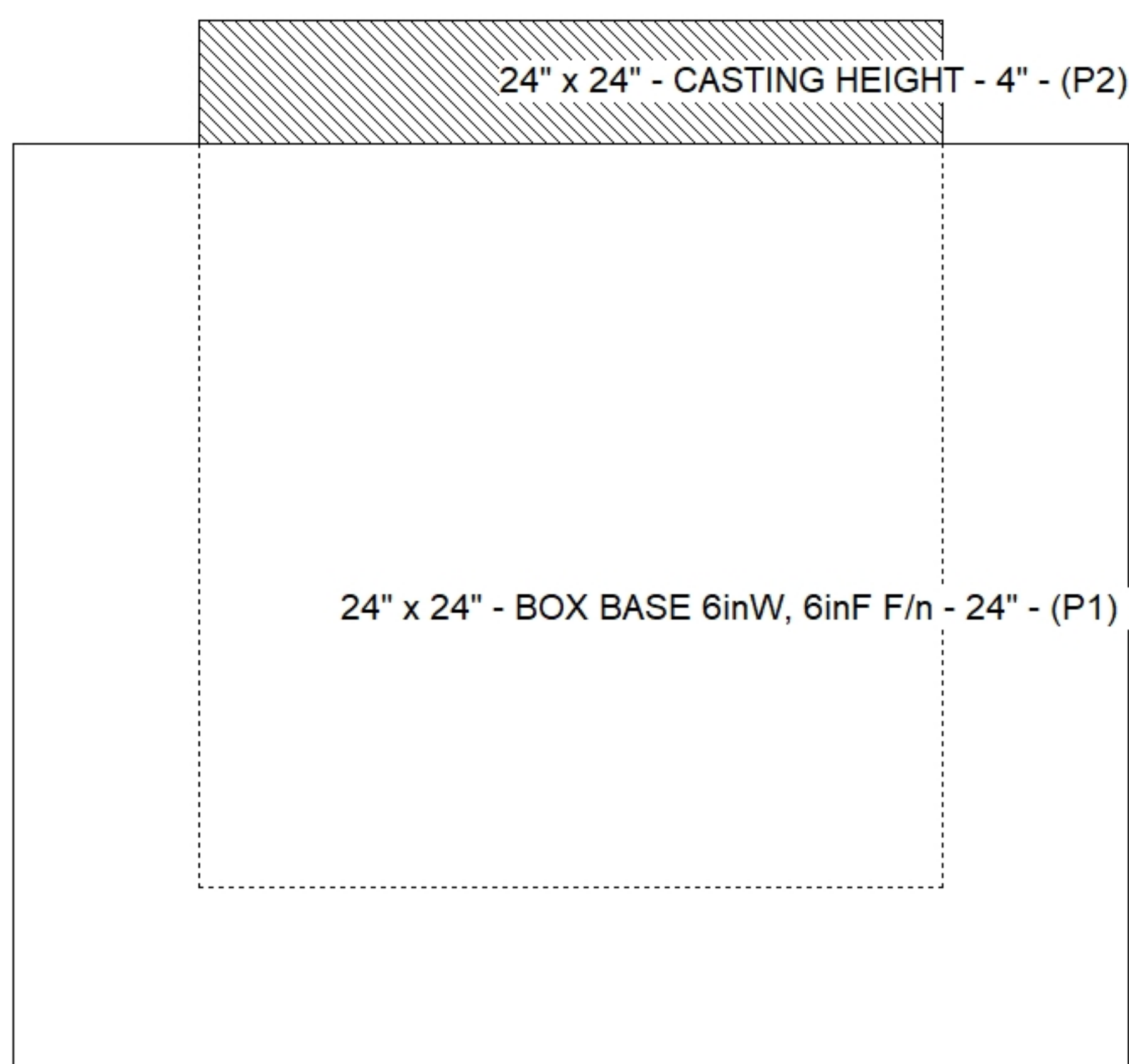
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

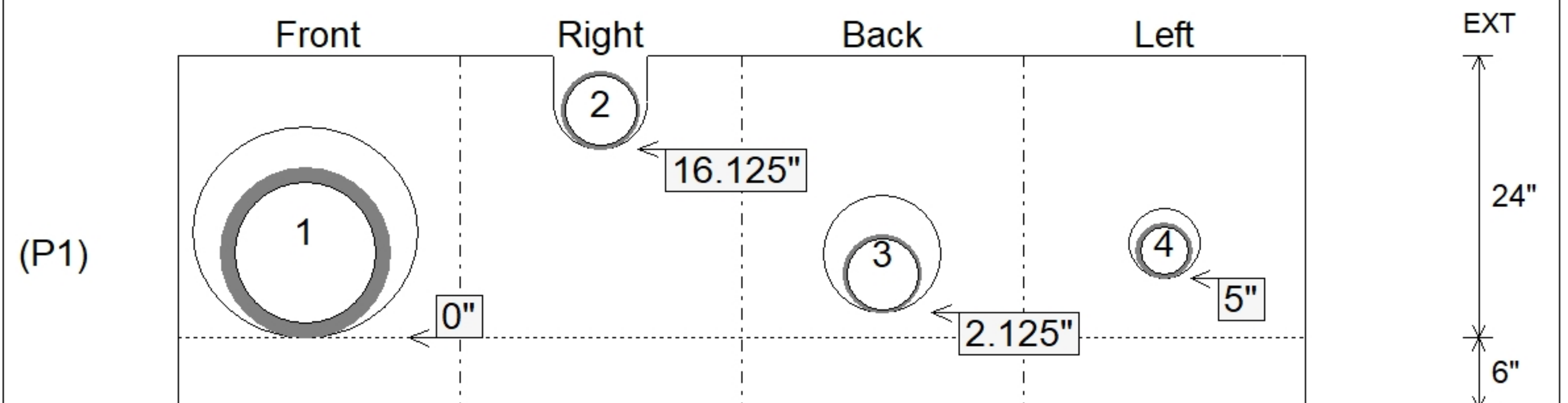
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 6inW, 6inF F/n - 24"	1884 lb
1) CASTING - HOE 280-C Frame/Solid Cover	257 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 18	0 lb
1) DOGHOUSE INVRTD - 8"x7.75"	0 lb
1) Hole - 10	0 lb
1) Hole - 6	0 lb
<b>Structure Total:</b>	<b>2141 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	503.3'							
Reducer								
Invert 1	501.05'	340°	12" HDPE	14.5"	18"	Hole 18	0"	P1
Invert 2	502.31'	90°	6" PVC SCH40	6.625"	8" x 7.75"	DOGHOUSE INVRTD 8"x7.75"	16.125"	P1
Invert 3	501.15'	180°	6" PVC SCH40	6.625"	10"	Hole 10	2.125"	P1
Invert 4	501.4'	270°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	5"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 10/22/2025 2:45:09 PM

SUBMITTAL  
 APPROVED BY: