

**Job Name: 26-1232 - Mustang Village Apartments Ph.1**  
**Job Location: Paducah, KY**  
**Contractor: Wood Brothers**

PC: T. Lewis  
 TECH: Jared - F  
 Plant: 100



Structure ID: **S38-38 ST-DBI**

Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

Rim: 382.33'  
 Invert: 378.76'  
 Rim to Invert: 3.57'

Sump: 0"  
 Floor (Top): 378.76'  
 Floor Height: 8"

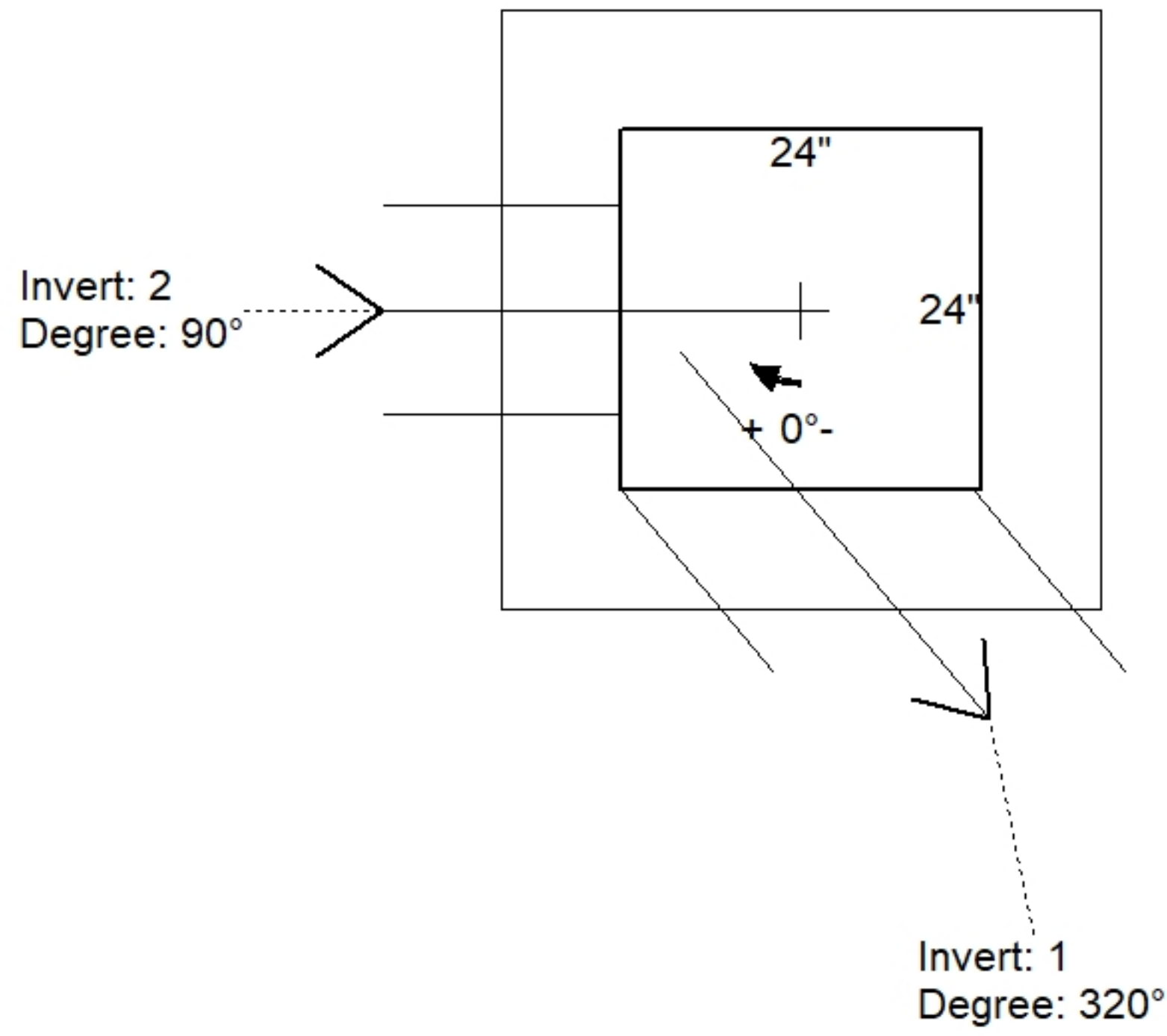
Floor (Bot): 378.093'  
 Overall Height: 4.167'  
 Slack: 0.84"

**Structure Notes:**

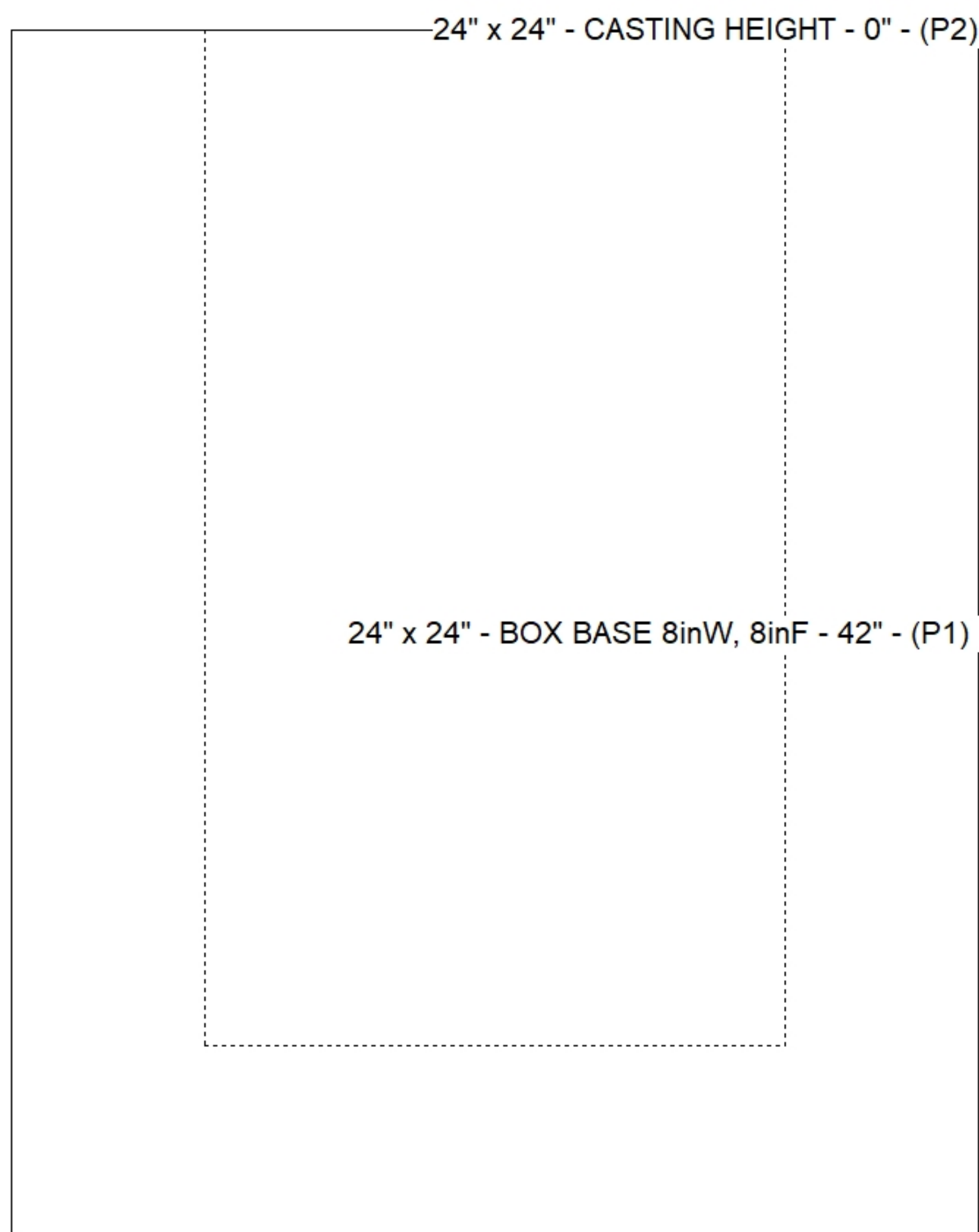
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO STEPS AND NO INVERT CHANNEL.
  4. CASTING BY ICAST (HOE-315 ANGLE F/G)
- REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

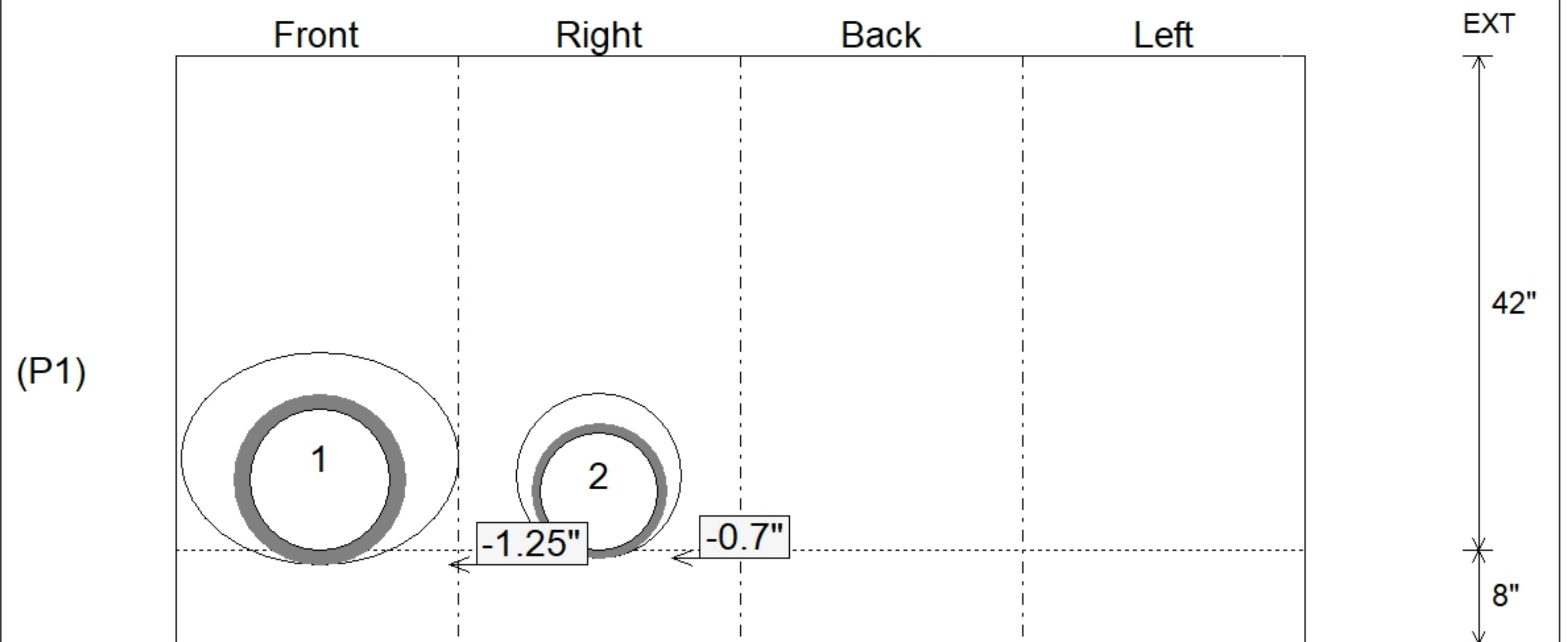
P2) 24" x 24" - CASTING HEIGHT - 0"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF - 42"	4357 lb
1) CASTING - HOE HOE-315 ANGLE F/G	258 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 18	0 lb
1) Hole - 14	0 lb
<b>Structure Total:</b>	<b>4615 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	382.33'							
Reducer								
Invert 1	378.76'	320°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2	378.76'	90°	10" HDPE	11.4"	14"	Hole 14	-0.7"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 4/24/2026 2:05:38 PM

SUBMITTAL  
 APPROVED BY: