

**Job Name: 25-2666 Residential Subdivision**  
**Job Location: Hawesville, Ky**  
**Contractor: Winwater Hartford KY Co.**

PC: A.Chambers  
 TECH: C.Russ  
 Plant: 100



Structure ID: **CBI AC2**  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 36"

Rim: 522.36'  
 Invert: 519.94'  
 Rim to Invert: 2.42'

Sump: 1.25"  
 Floor (Top): 519.836'  
 Floor Height: 8"

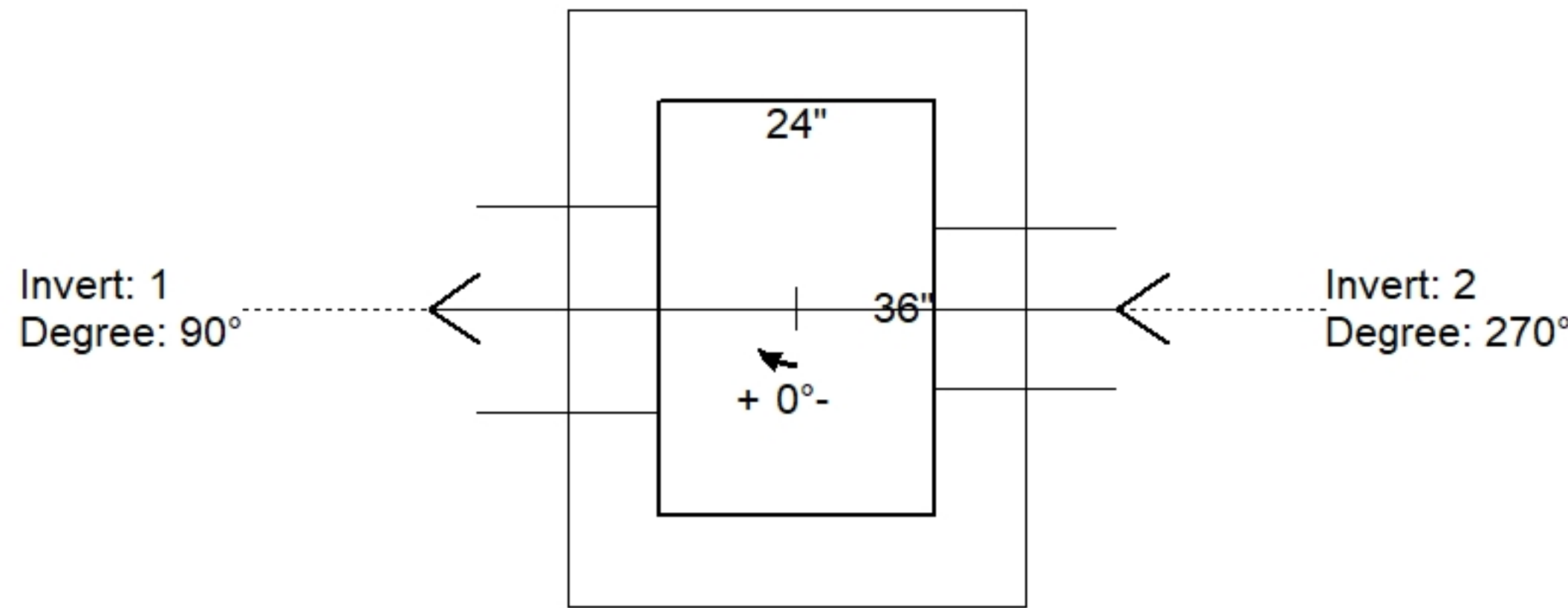
Floor (Bot): 519.169'  
 Overall Height: 3.167'  
 Slack: 0.29"

**Structure Notes:**

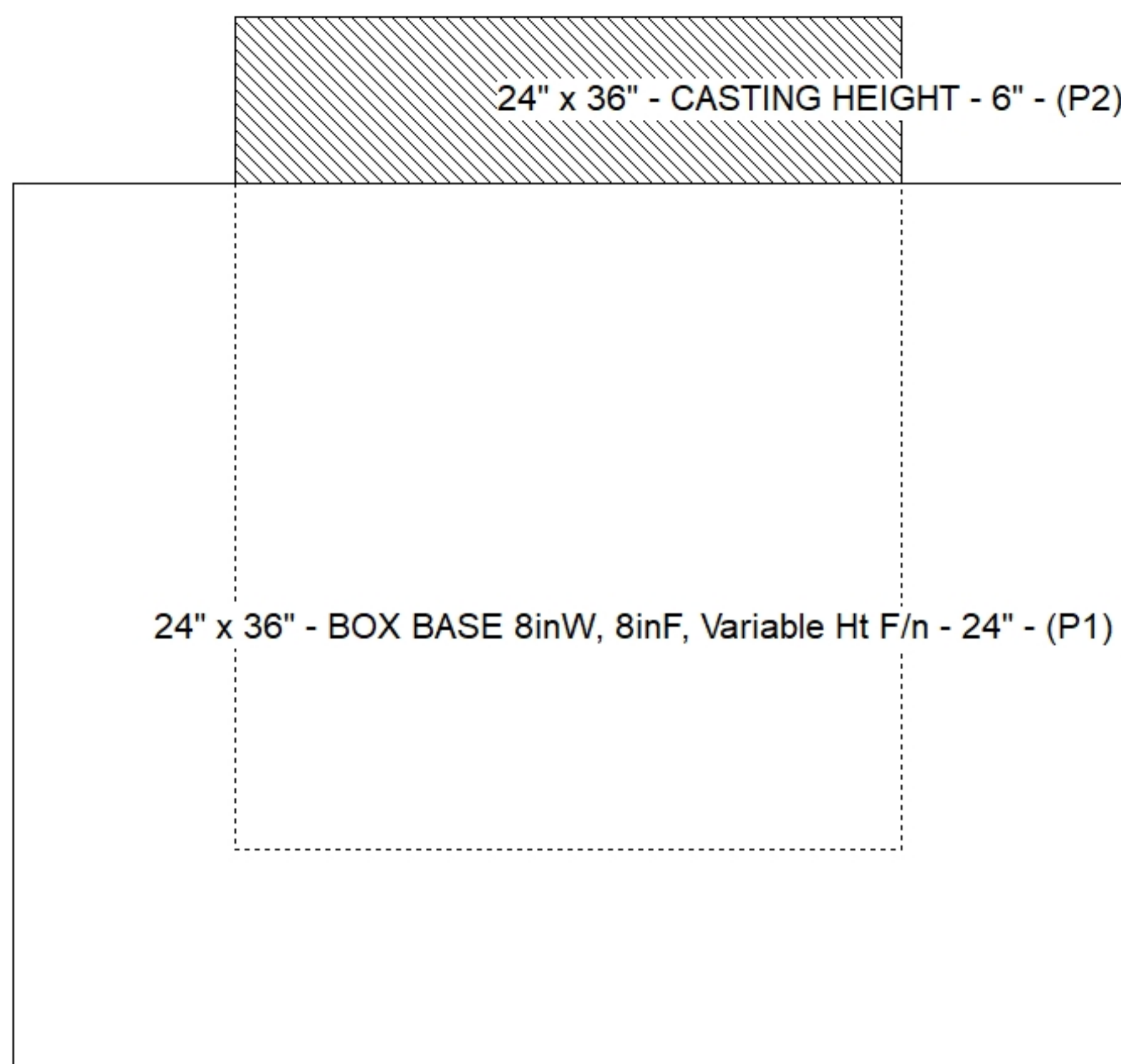
- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
- HOE 525 PROVIDED BY ICAST

**STRUCTURE SUMMARY:**

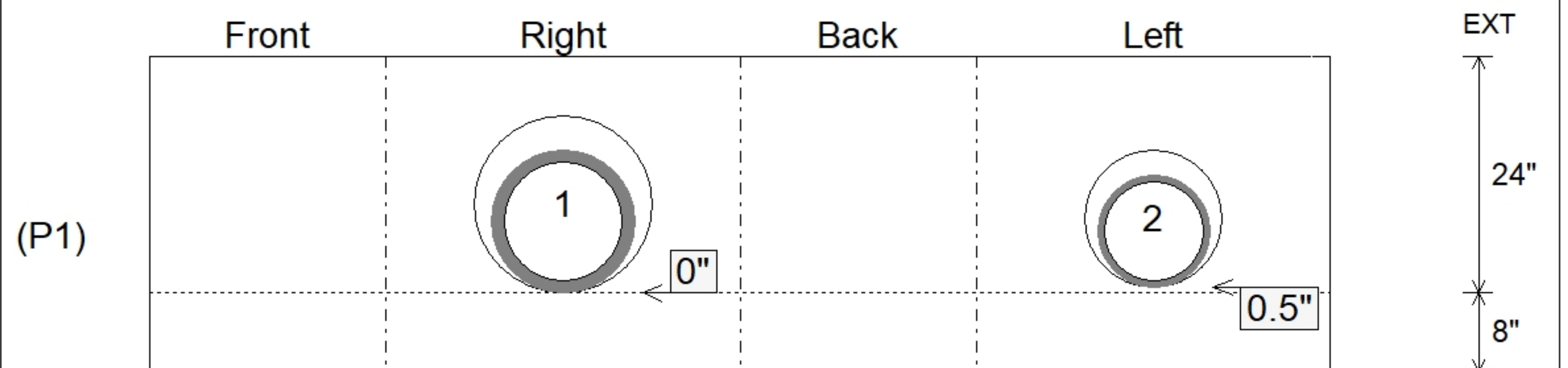
P2) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 24"	3571 lb
1) CASTING - HOE 525 LV SET (F/G/H)	442 lb
1) 24" x 36" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 18	0 lb
1) Hole - 14	0 lb
<b>Structure Total:</b>	<b>4013 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	522.36'							
Reducer								
Invert 1	519.94'	90°	12" HDPE	14.5"	18"	Hole 18	0"	P1
Invert 2	519.94'	270°	10" HDPE	11.4"	14"	Hole 14	0.5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 12/15/2025 8:24:25 AM

SUBMITTAL  
 APPROVED BY: