

**Job Name: 26-1318 - Red River Ridge**  
**Job Location: Clarksville, TN 37040**  
**Contractor: Byard Construction, LLC**

PC: A. Chambers  
 TECH: Jared - F  
 Plant: 100



Structure ID: **G1-12 ST-TCI**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 28" x 96"

Rim: 467.5'  
 Invert: 464.5'  
 Rim to Invert: 3'

Sump: 1.625"  
 Floor (Top): 464.365'  
 Floor Height: 6"

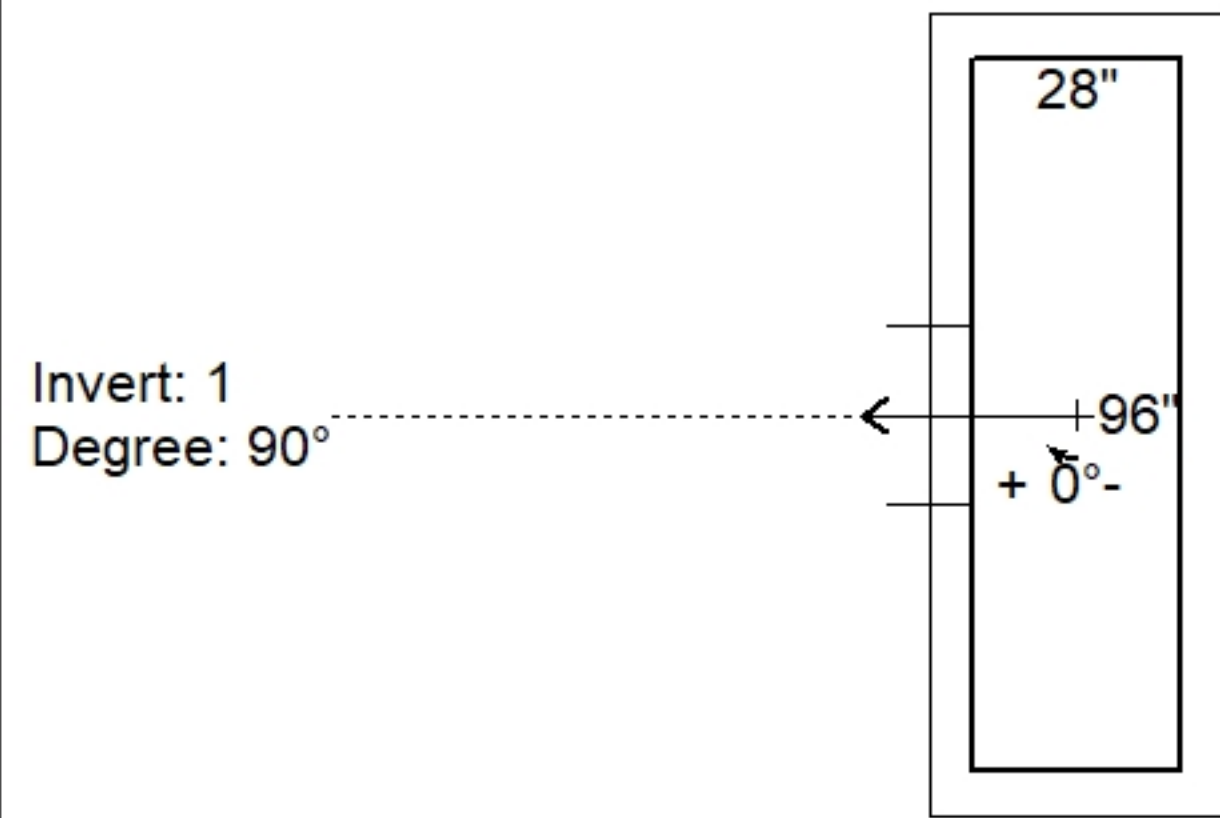
Floor (Bot): 463.865'  
 Overall Height: 3.625'  
 Slack: 0.125"

**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 (JBS 3080 TRIPLE SET (F/G/H))

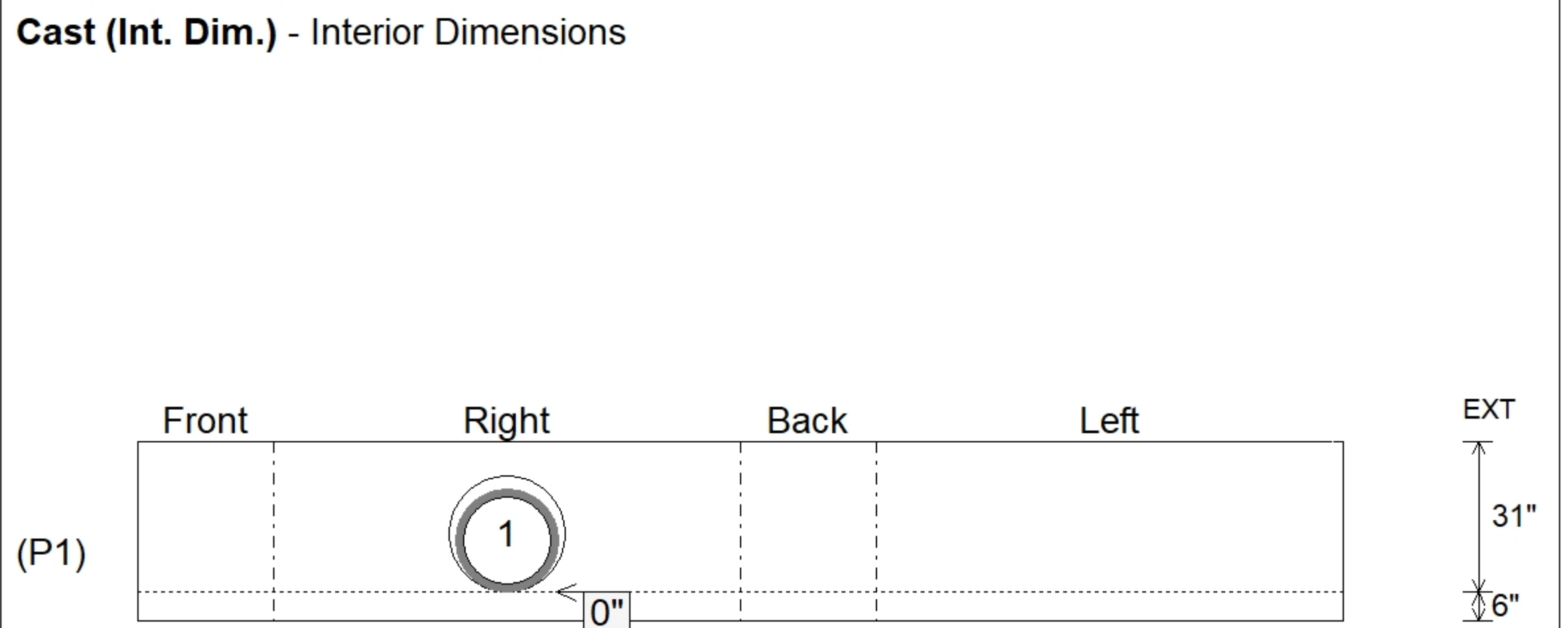
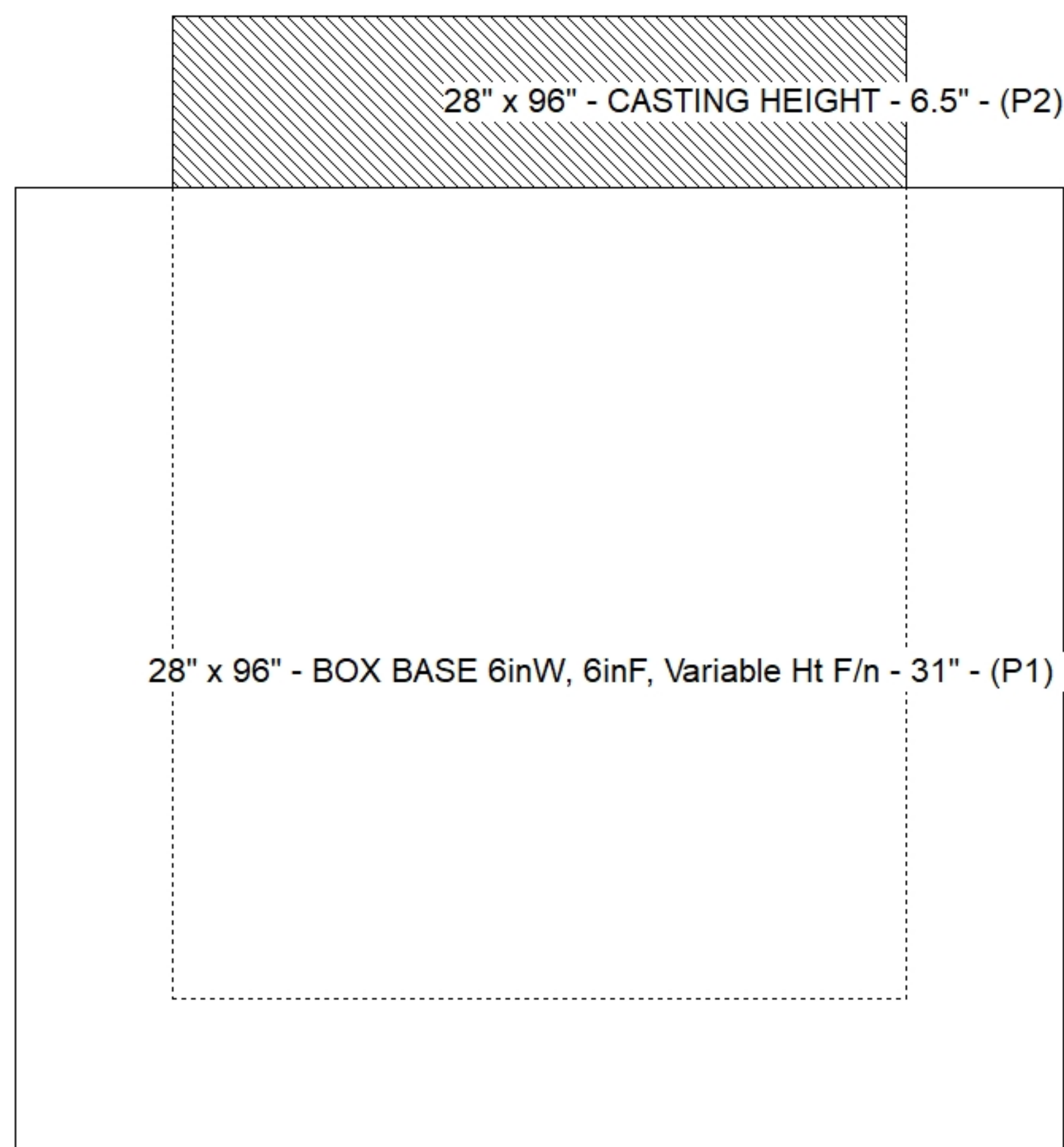
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

P2) 28" x 96" - CASTING HEIGHT - 6.5"	0 lb
P1) 28" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 31"	6193 lb
3) CASTING - JBS 3080 SET (F/G/H)	1500 lb
1) Hole - 24	0 lb
<b>Structure Total:</b>	<b>7693 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	467.5'							
Reducer								
Invert 1	464.5'	90°	18" HDPE	21.2"	24"	Hole 24	0"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing  
 4/14/2026 8:12:28 AM

SUBMITTAL  
 APPROVED BY: