

**Job Name: 25-1664 Springfield WWTP**  
**Job Location: Springfield, TN**  
**Contractor: Smith Contractors, Inc.**

PC: C. Goff  
 TECH: J. Coppage  
 Plant: Beaver Dam



Structure ID: AD-1 0+00  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 36"

Rim: 524.75'  
 Invert: 521.89'  
 Rim to Invert: 2.86'

Sump: 2.5"  
 Floor (Top): 521.682'  
 Floor Height: 8"

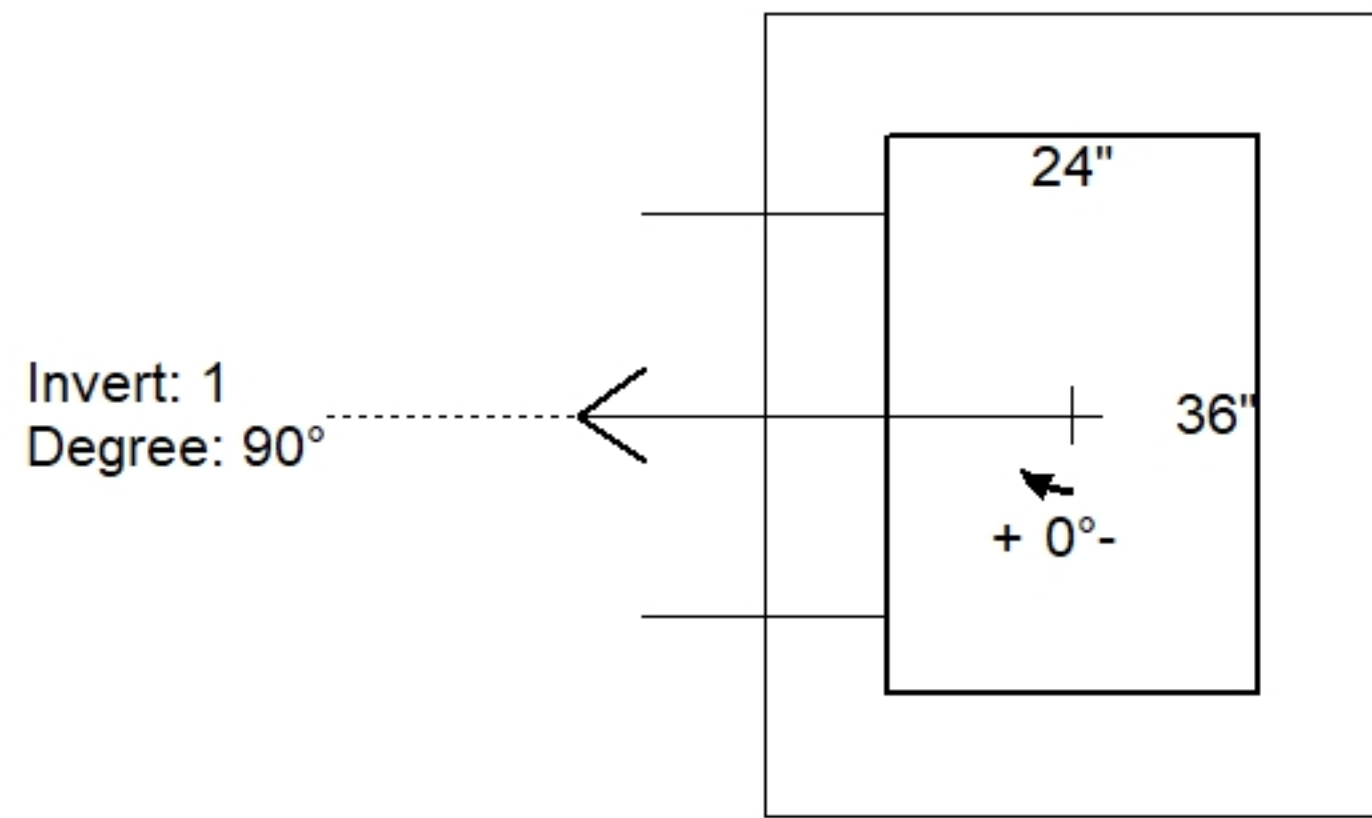
Floor (Bot): 521.015'  
 Overall Height: 3.667'  
 Slack: 0.82"

**Structure Notes:**

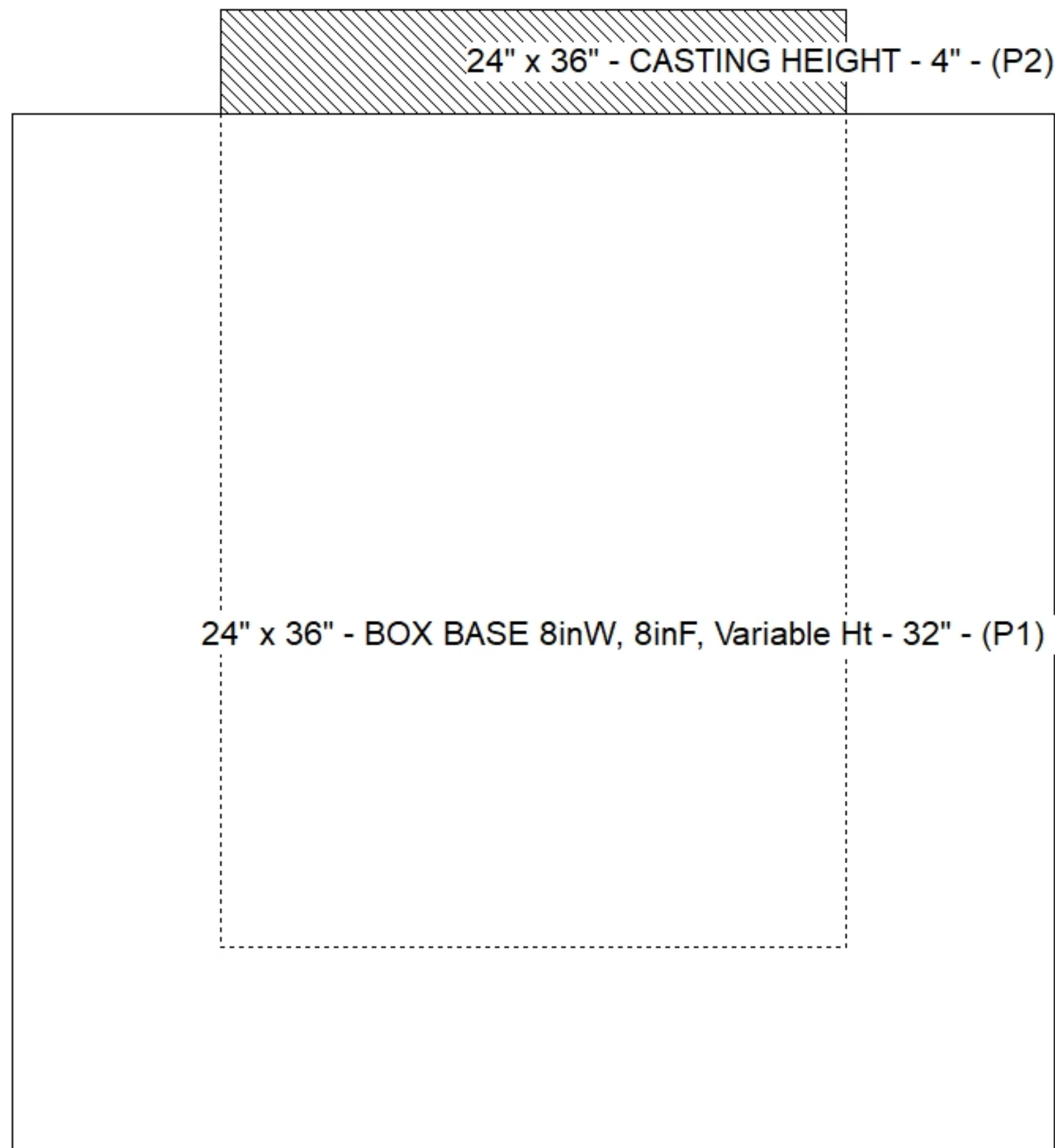
1. JBS-4254 PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

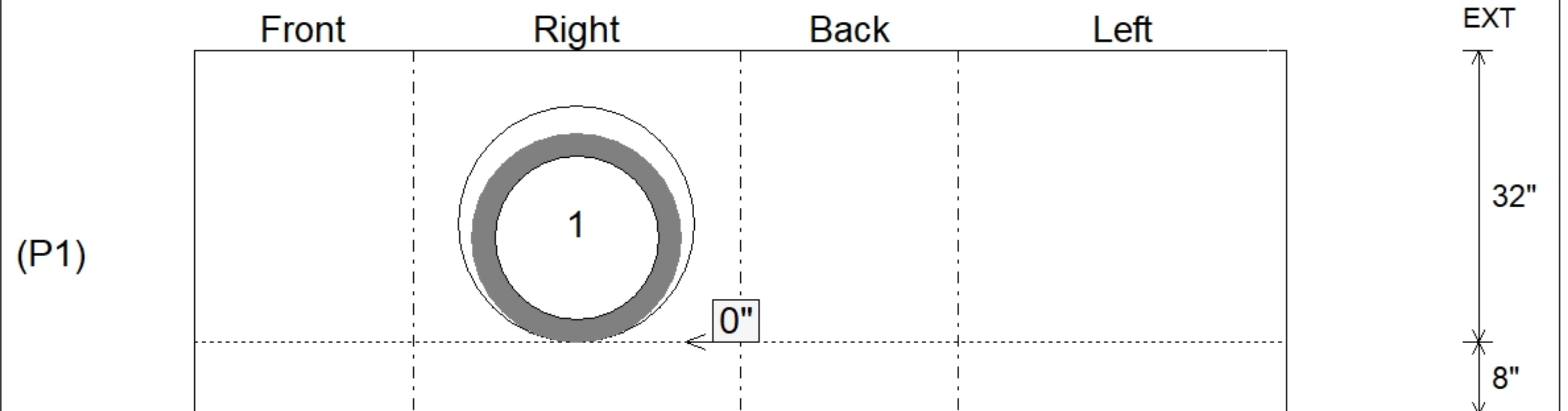
P2) 24" x 36" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 32"	4305 lb
1) CASTING - JBS 4254 F/G	500 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 26	0 lb
	-----
<b>Structure Total:</b>	<b>4805 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	524.75'							
Reducer								
Invert 1	521.89'	90°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 12/18/2025 10:56:20 AM

SUBMITTAL  
 APPROVED BY: