

**Job Name: 25-1549 Stone River WTP Isolation Valve Replacement**  
**Job Location: Murfreesboro, TN**  
**Contractor: Cumberland Valley Constructors, Inc.**

PC: J. Jarvis  
 TECH: J. Coppage  
 Plant: Beaver Dam



**Structure ID: 120IN X 120IN VAULT SUMP PIT**

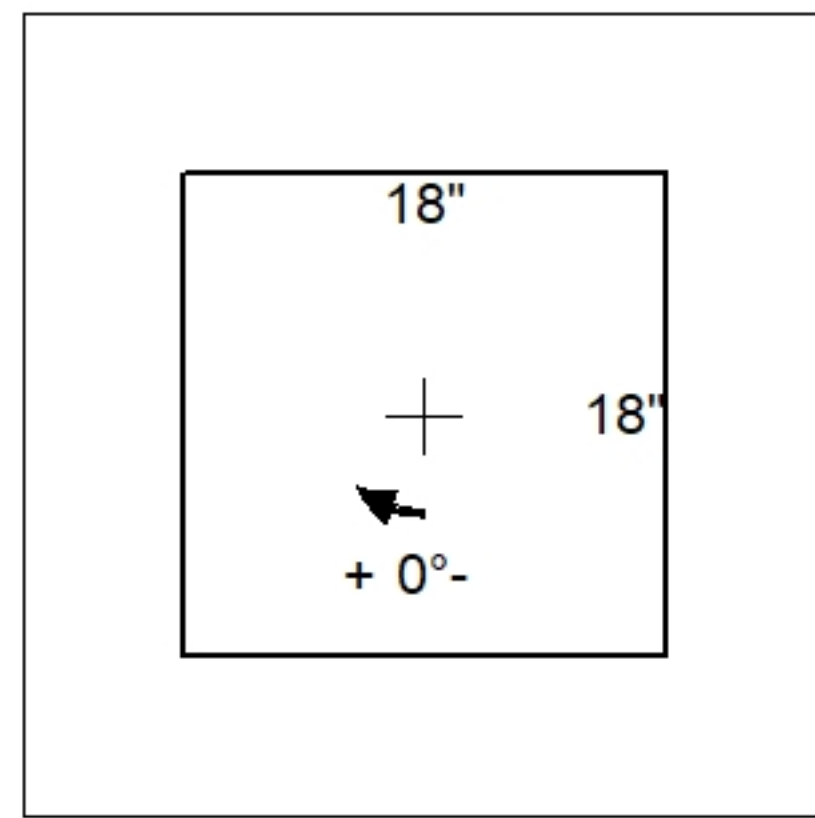
Spec: Storm Rim: 0' Sump: 14.5" Floor (Bot): -1.708'  
 Type: BX 6inW, 6inF Invert: 0' Floor (Top): -1.208' Overall Height: 1.708'  
 Size: 18" x 18" Rim to Invert: 0' Floor Height: 6" Slack: 0"

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. 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.

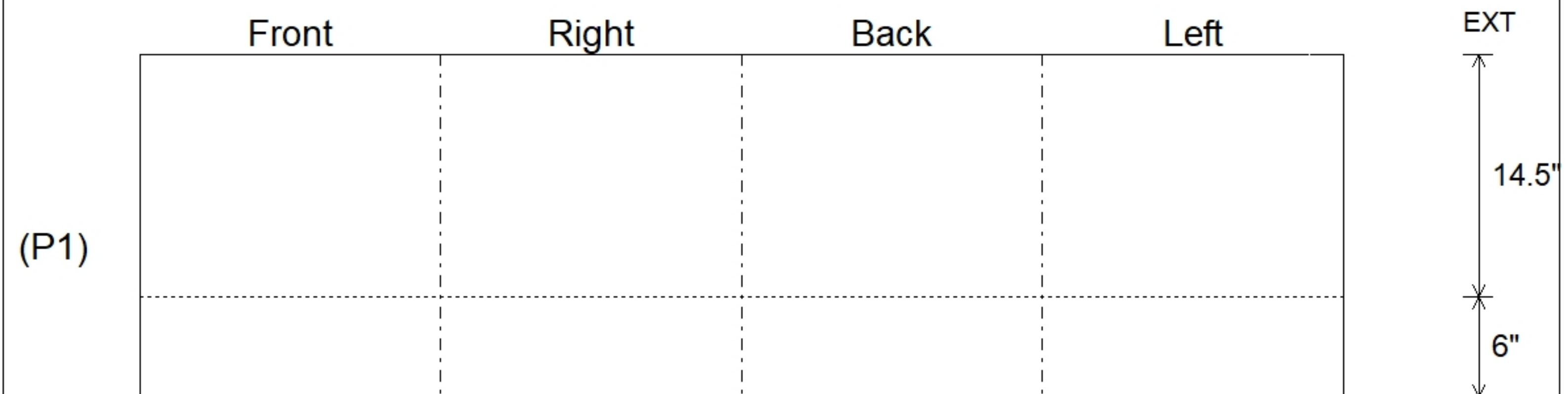
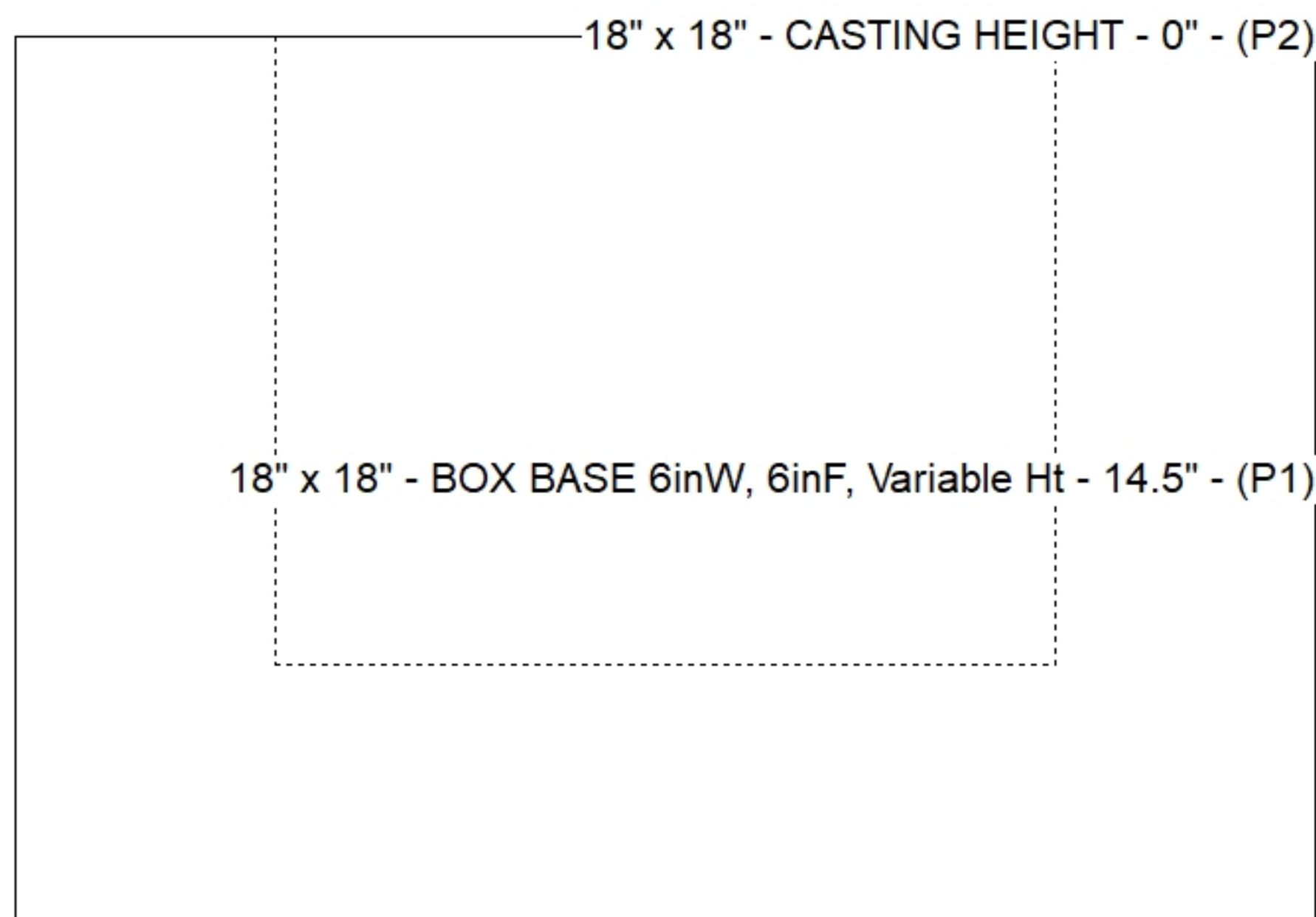
STRUCTURE SUMMARY:

P2) 18" x 18" - CASTING HEIGHT - 0" 0 lb  
 P1) 18" x 18" - BOX BASE 6inW, 6inF, Variable Ht - 14.5" 1154 lb  
 1) 18" x 18" - SGL 1"x14.5' Butyl 0 lb  
 Structure Total: 1154 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	0'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Default - Interior Dimensions**



Submittal Drawing  
 10/29/2025 9:32:20 AM

SUBMITTAL  
 APPROVED BY: