

**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: **96IN X 96IN VAULT RISER**  
 Spec: Storm-Pipe Centered Xypex  
 Type: BX 8inW, 8inF  
 Size: 96" x 96"

Rim: 1.5'  
 Invert: 1.5'  
 Rim to Invert: 0'

Sump: 0"  
 Floor (Top): 0"  
 Floor Height: 0"

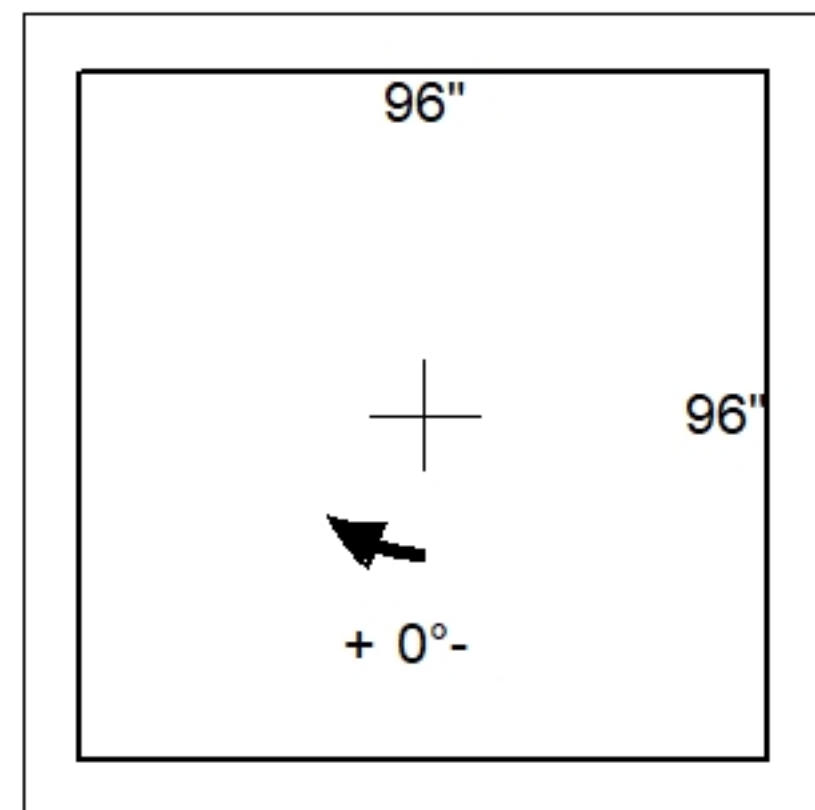
Floor (Bot): 0'  
 Overall Height: 1.5'  
 Slack: 0"

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.

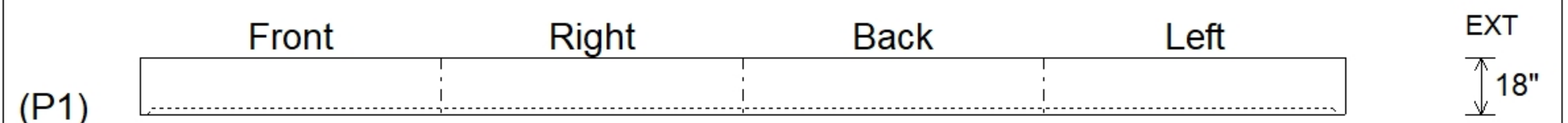
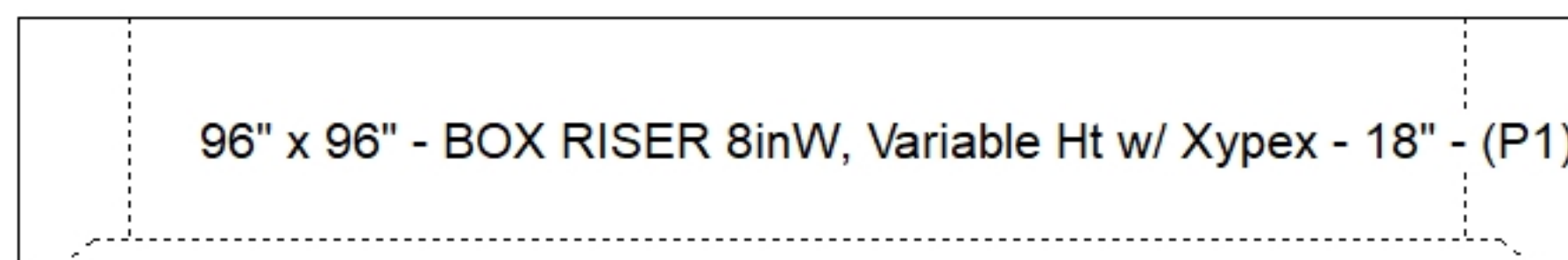
STRUCTURE SUMMARY:

P1) 96" x 96" - BOX RISER 8inW, Variable Ht w/ Xypex - 18"	5027 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 96" x 96" - Conseal CS-102 1.00"	0 lb
<b>Structure Total:</b>	<b>5027 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	1.5'							
Reducer								
Invert 1								
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Default - Interior Dimensions**



Submittal Drawing  
 11/18/2025 2:15:09 PM

SUBMITTAL  
 APPROVED BY: