

**Job Name: 25-3260 Lovers Lane FSER Vault**  
**Job Location: Bowling Green, KY**  
**Contractor: Warren County Water District**

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



Structure ID: **Vault Riser**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 60" x 108"

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

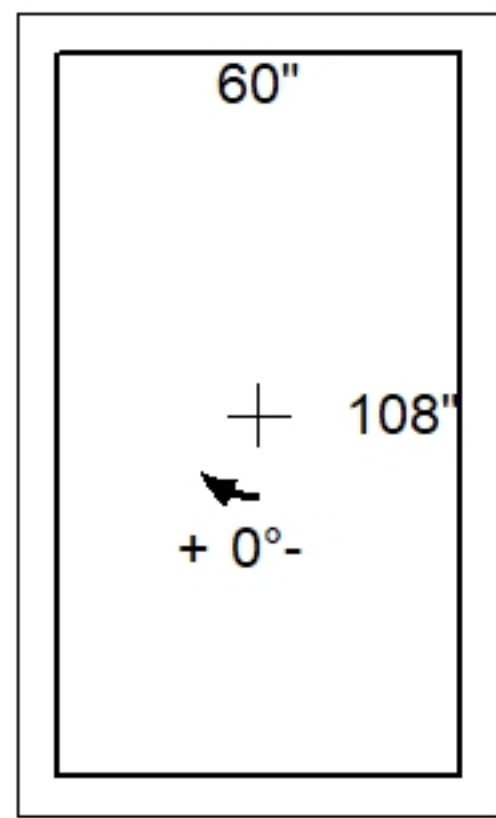
Sump: 0"  
 Floor (Top): -1.5'  
 Floor Height: 0"

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

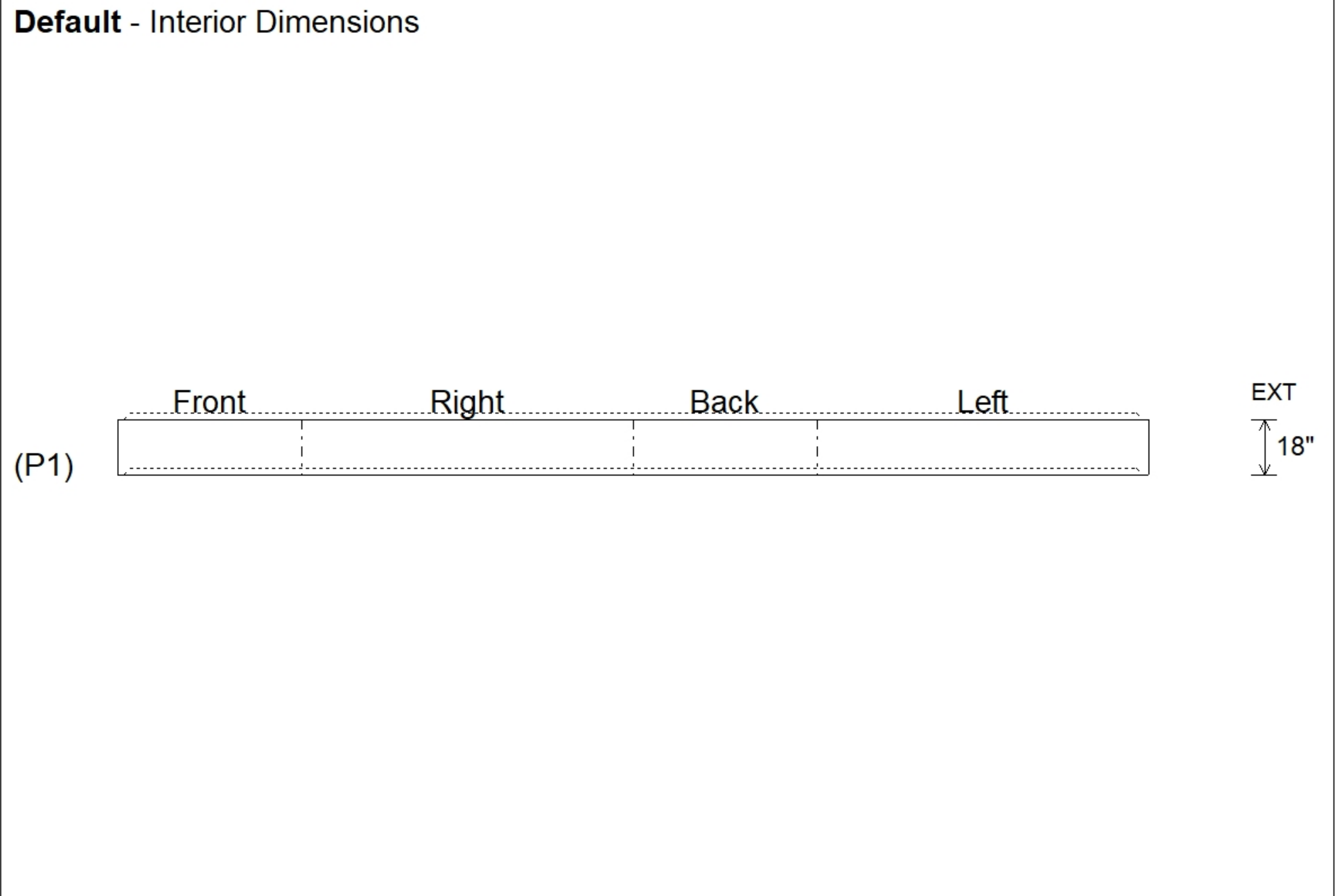
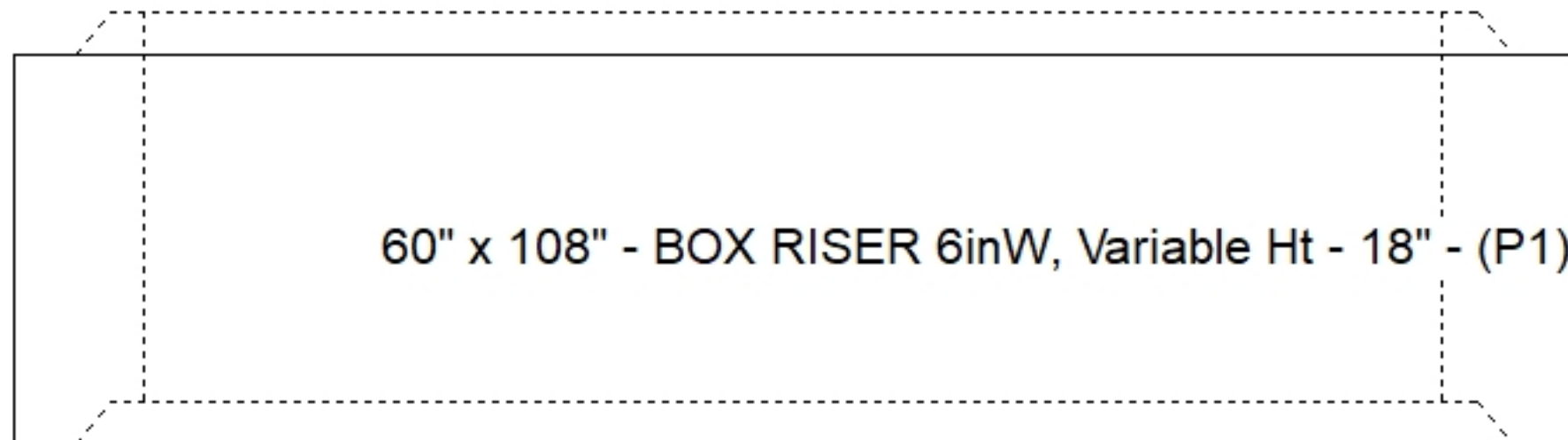
Structure Notes:  
 1. PER ASTM C913 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO INVERT CHANNEL.  
 4. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

P1) 60" x 108" - BOX RISER 6inW, Variable Ht - 18"	3262 lb
1) 60" x 108" - SGL 1"x14.5' Butyl (3x)	0 lb
Structure Total:	3262 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								



Submittal Drawing  
 10/30/2025 8:49:59 AM

SUBMITTAL  
 APPROVED BY: