

**Job Name: 25-1706 WCWD Flow For Our Future Master Meter Vaults**  
**Job Location: Bowling Green, KY**  
**Contractor: Cleary Construction, Inc.**

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



**Structure ID: WATER MAIN MASTER METER VAULT SUMP PIT**

Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

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

Sump: 18"  
 Floor (Top): 0'  
 Floor Height: 8"

Floor (Bot): -0.667'  
 Overall Height: 2.167'  
 Slack: 0"

Structure Notes:

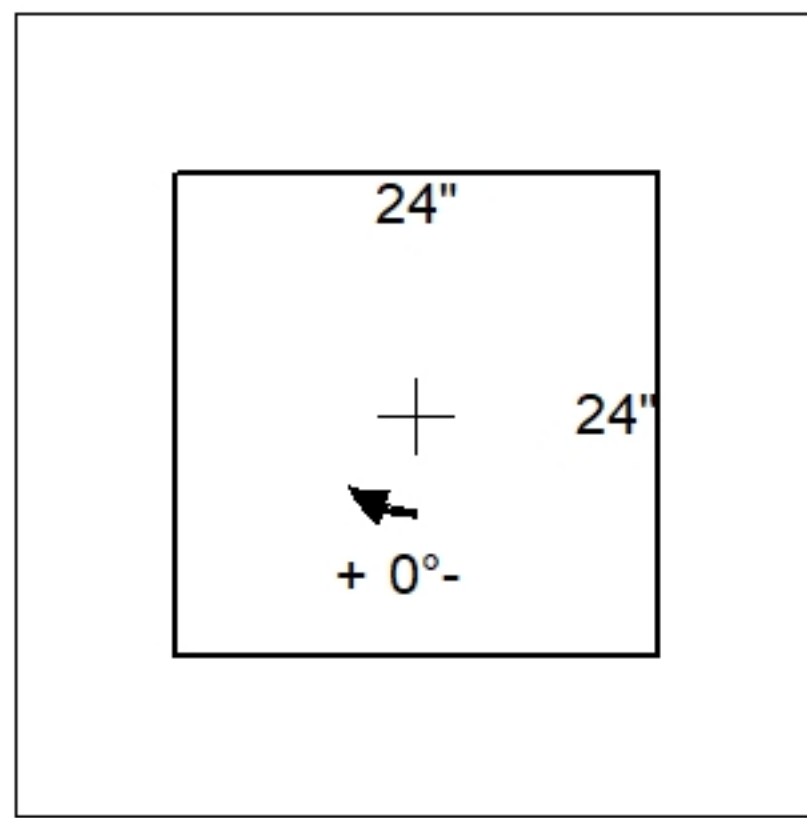
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

- P2) 24" x 24" - CASTING HEIGHT - 0"
- P1) 24" x 24" - BOX BASE 8inW, 8inF - 18"
- 1) 24" x 24" - SGL 1"x14.5' Butyl

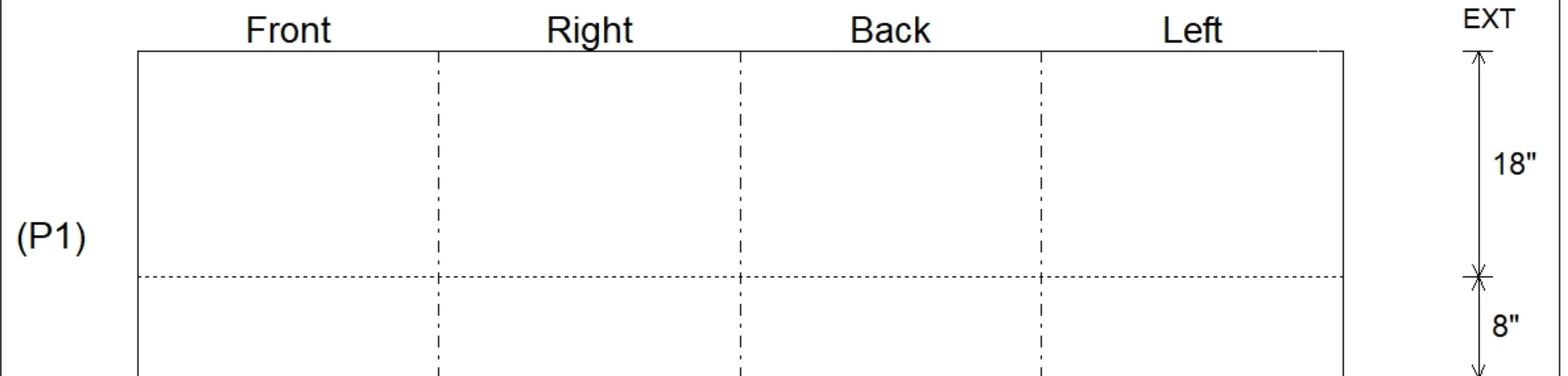
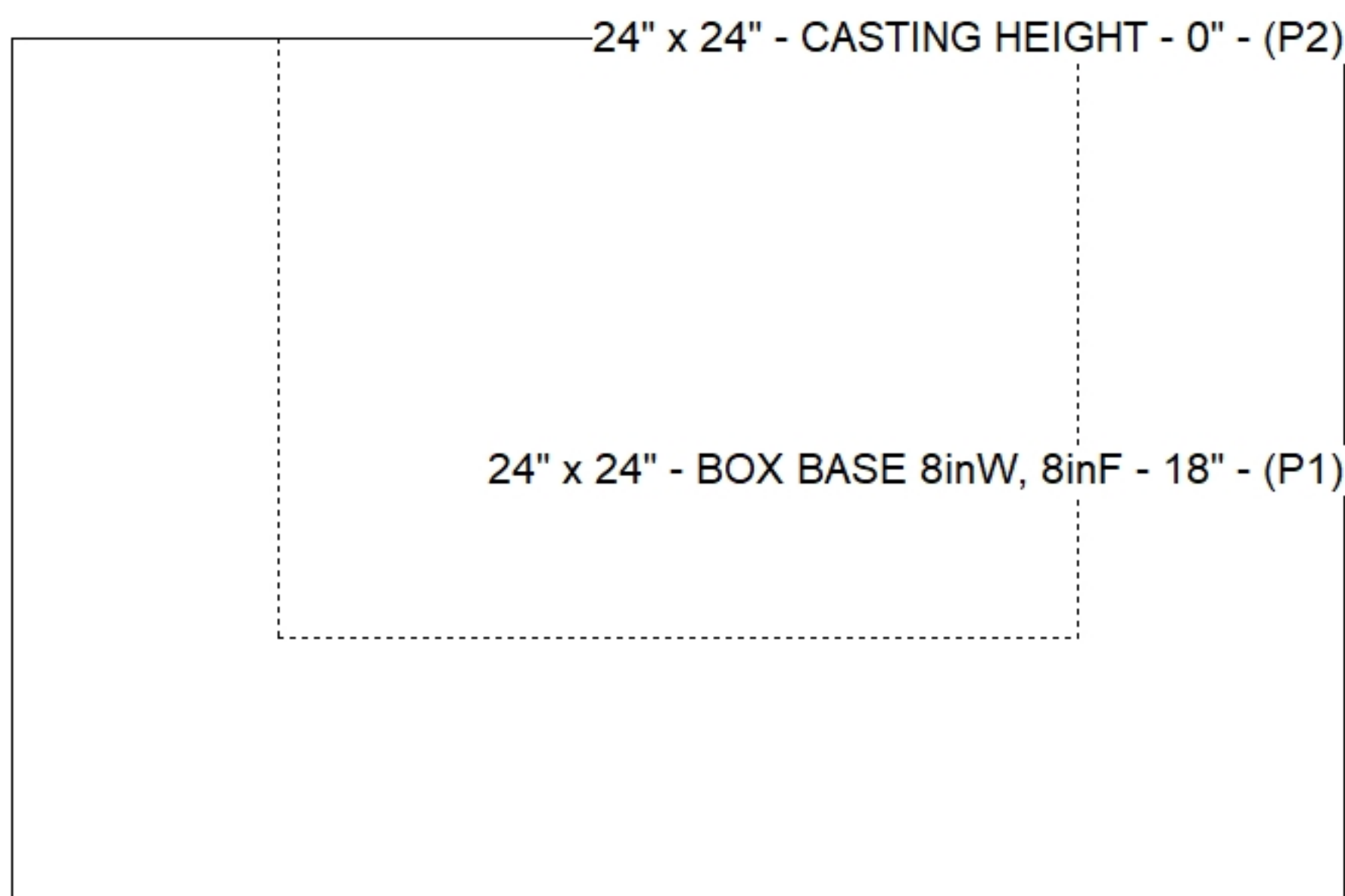
0 lb  
 2621 lb  
 0 lb

Structure Total: 2621 lb



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  
 10/17/2025 11:16:54 AM

SUBMITTAL  
 APPROVED BY: