

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: **FORCE MAIN METER VAULT**
 Spec: Storm-Pipe Centered
 Type: BX 6inW, 8inF
 Size: 120" x 180"

Rim: 9.833'
 Invert: 1.333'
 Rim to Invert: 8.5'

Sump: 16"
 Floor (Top): 0'
 Floor Height: 8"

Floor (Bot): -0.667'
 Overall Height: 10.5'
 Slack: 0.003"

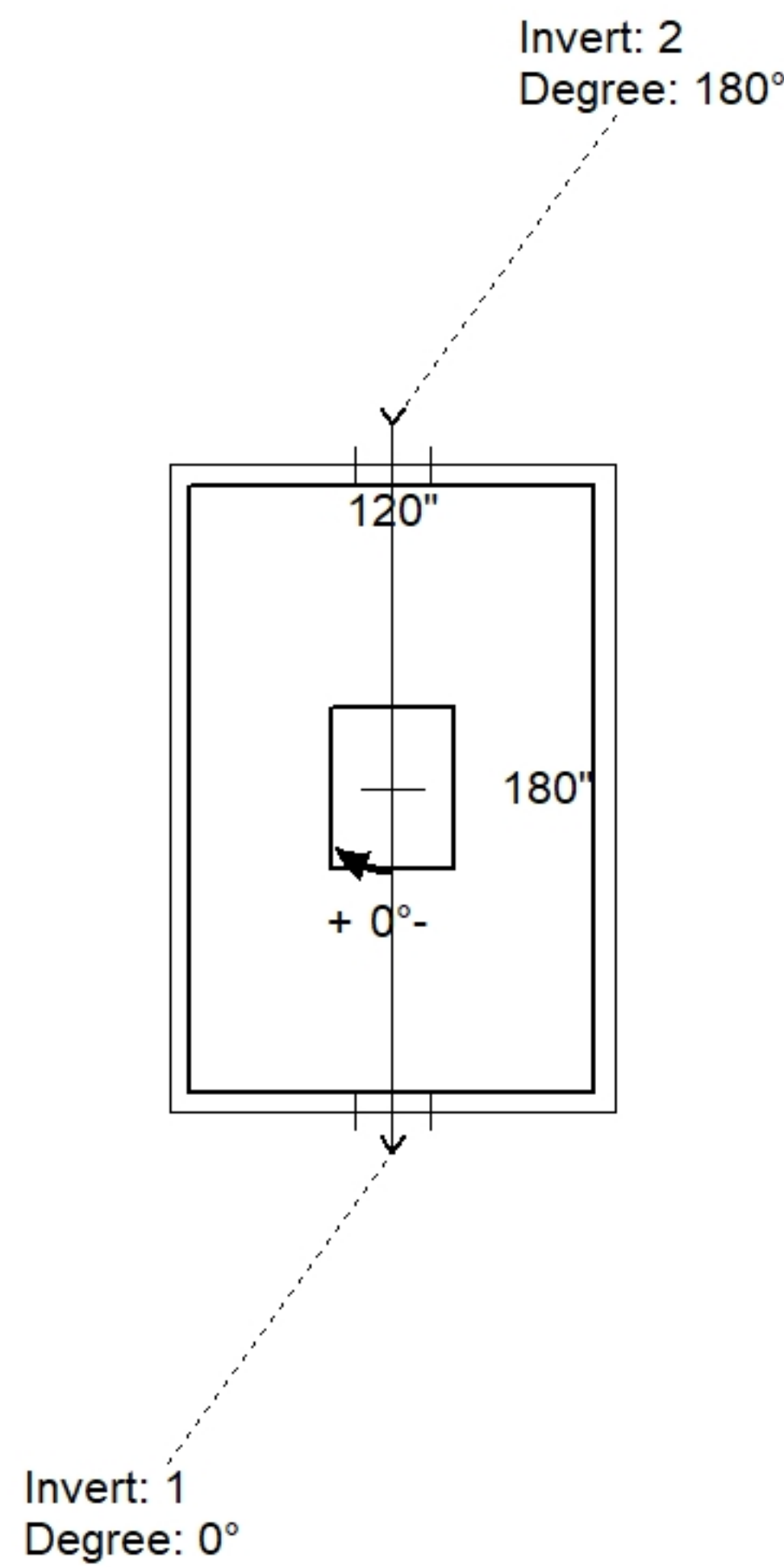
Structure Notes:

- A) PER ASTM C913.
- B) CONCRETE = 4,500 PSI AT 28 DAYS.
- C) REINFORCING PER ASTM A615 (GRADE 60).

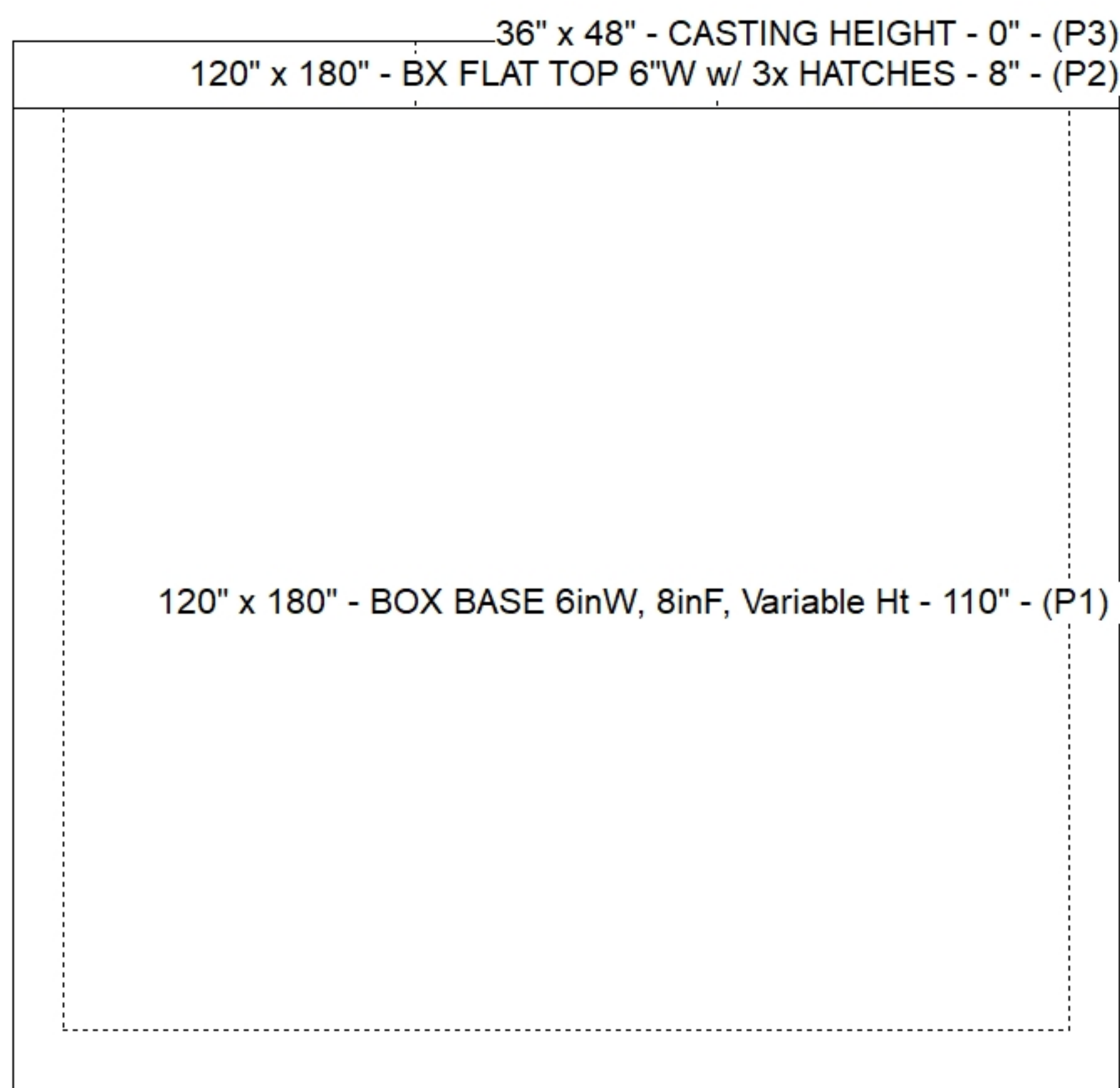
STRUCTURE SUMMARY:

P3) 36" x 48" - CASTING HEIGHT - 0"	0 lb
P2) 120" x 180" - BX FLAT TOP 6"W w/ 3x HATCHES - 8"	13969 lb
P1) 120" x 180" - BOX BASE 6inW, 8inF, Variable Ht - 110"	51189 lb
1) PSASSEMBLY	0 lb
1) HATCH (Alum.) - HALLIDAY H1W 36"x30"	235 lb
2) HATCH (Alum.) - HALLIDAY H1W 36"x48"	470 lb
1) LADDER (Alum.) - HALLIDAY L1D 108in Wall-Floor mount ladder	65 lb
1) LADDER (Alum.) - HALLIDAY L1EAA Ladder Extension Safety Post	65 lb
1) 36" x 48" - Con Seal CS-102 1.00" (Double)	0 lb
2) Hole - 22	0 lb

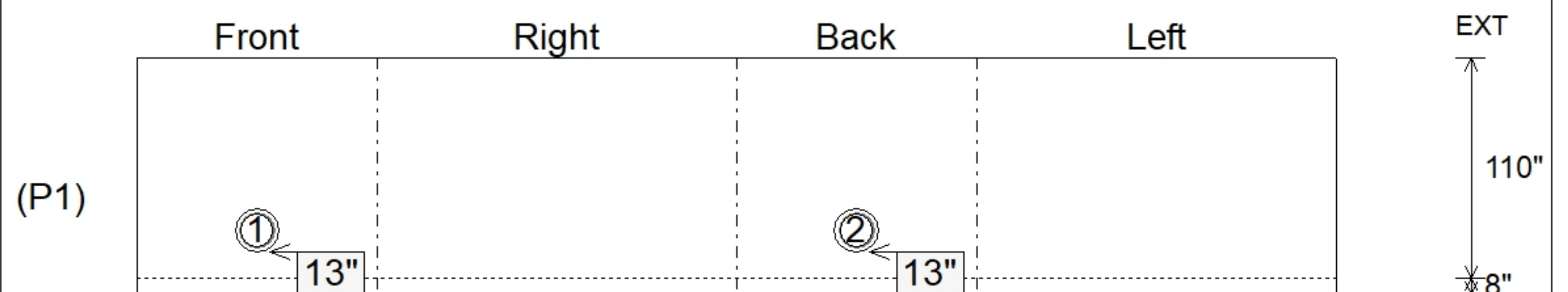
Structure Total:	65993 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	9.833'							
Reducer								
Invert 1	1.333'	0°	16" DI	17.5"	22"	Hole 22	13"	P1
Invert 2	1.333'	180°	16" DI	17.5"	22"	Hole 22	13"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 10/17/2025 11:16:53 AM

SUBMITTAL
 APPROVED BY: