

Job Name: 26-1767 - 7007 Moore's Lane
Job Location: Franklin, TN
Contractor: Convergent Water Technologies

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



Structure ID: **QL1 ST-CI**

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 48" x 48"

Rim: 3.67'
 Invert: 1.1'
 Rim to Invert: 2.57'

Sump: 13.2"
 Floor (Top): 0'
 Floor Height: 8"

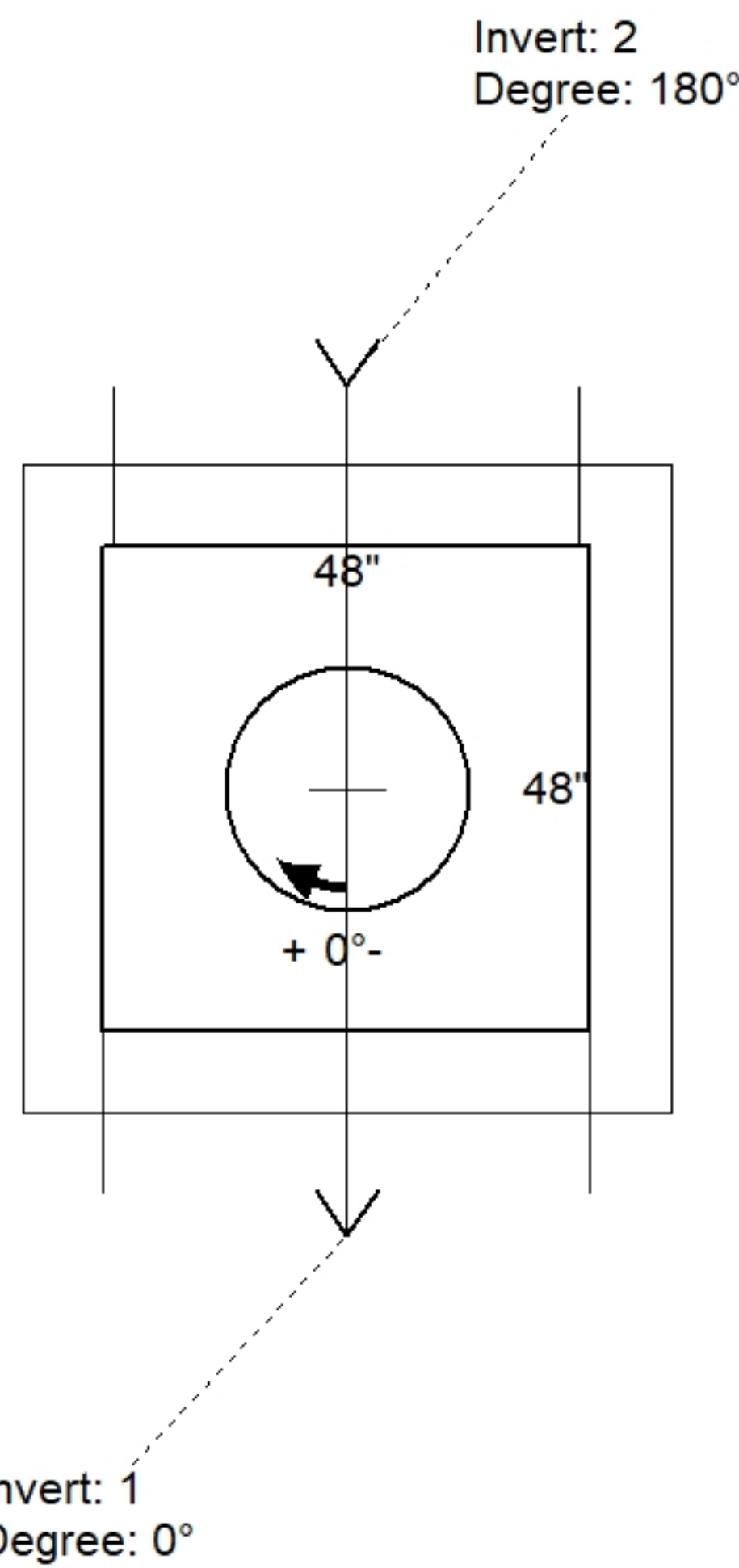
Floor (Bot): -0.667'
 Overall Height: 4.333'
 Slack: 0.04"

Structure Notes:

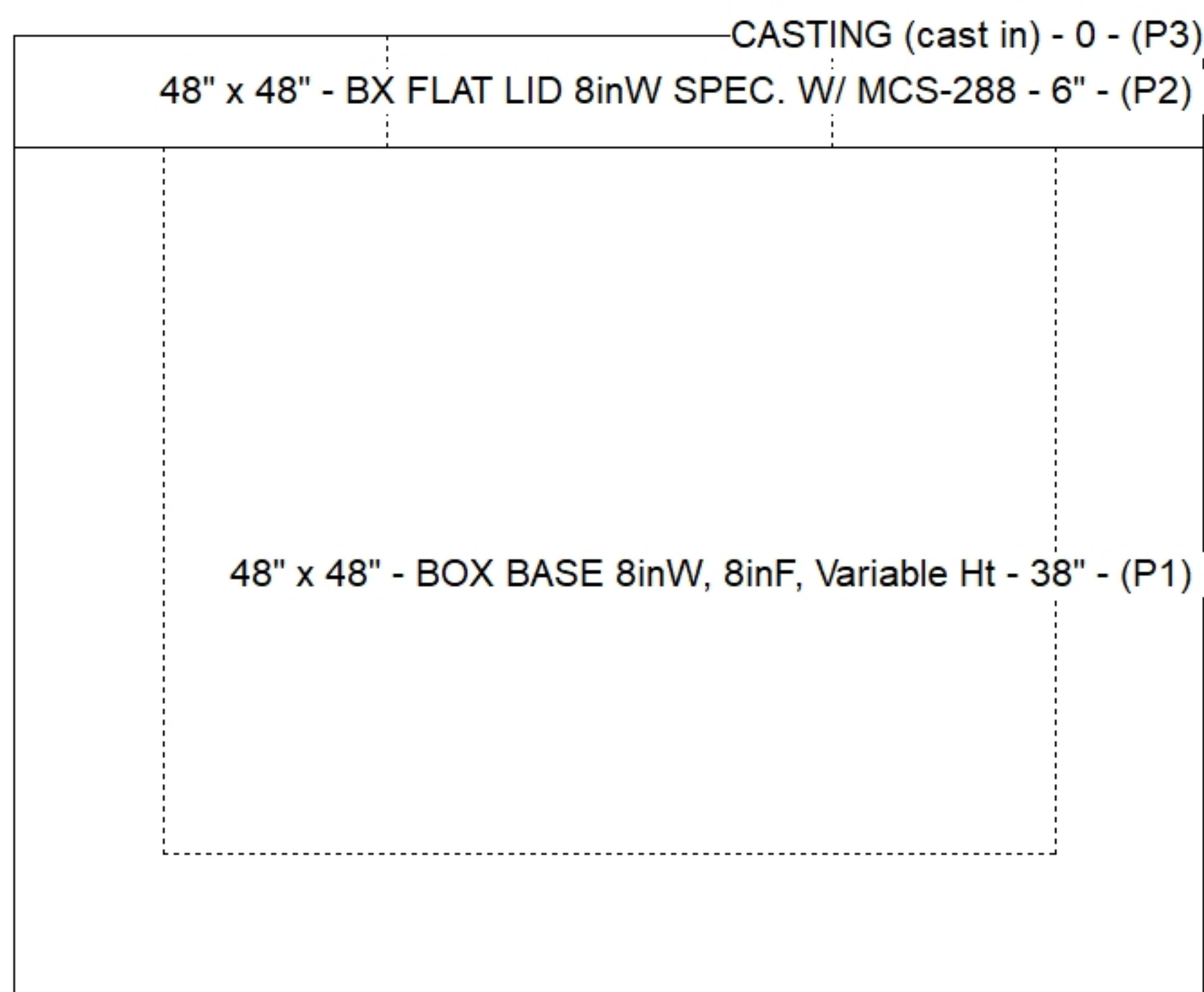
- JR HOE MCS-288 STORM BY ICAST.
- CASTING FRAME TO BE CAST INTO THE TOP SLAB.
- MANUFACTURED PER ASTM C-913 (LATEST REVISION)
- CONCRETE: 4,500 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60) #4 BAR @ 6" C-C E.W. TYPICAL
- UNIT PRE-ASSEMBLY BY ICAST

STRUCTURE SUMMARY:

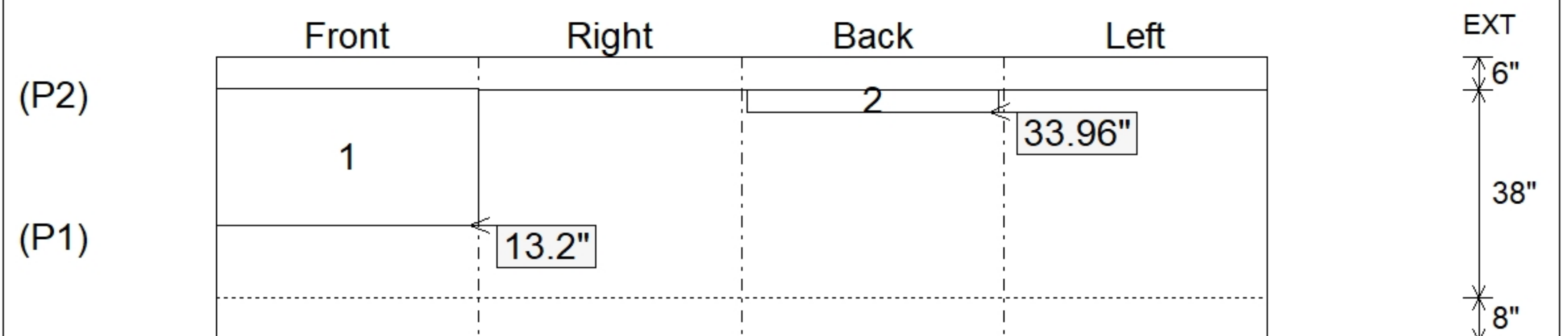
P3) CASTING (cast in) - 0	0 lb
P2) 48" x 48" - BX FLAT LID 8inW SPEC. W/ MCS-288 - 6"	1830 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 38"	7741 lb
1) ASSEMBLY REQUIRED	0 lb
1) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) Weir - 48"x25"	0 lb
1) Horiz Slot - 46"X4"	0 lb
Structure Total:	9570 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	3.67'							
Reducer								
Invert 1	1.1'	0°	48" x 25" Weir	48" x 25"	48" x 25"	Weir 48"x25"	13.2"	P1
Invert 2	2.83'	180°	46" x 4" Horiz Slot	46" x 4"	46" x 4"	Horiz Slot 46"X4"	33.96"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 4/10/2026 9:45:41 AM

SUBMITTAL
 APPROVED BY: