

**Job Name: 26-1395 - 200 Gallon Sand Trap**  
**Job Location: Bowling Green, KY**  
**Contractor: Bowling Green Winnelson Co.**

PC: A. Chambers  
 TECH: Jared - F  
 Plant: 100



**Structure ID: 200 Gal Sand Trap**

Spec: Vaults  
 Type: Vault 6inW, 6inF  
 Size: 24" x 48"

Rim: 4.5'  
 Invert: 1'  
 Rim to Invert: 3.5'

Sump: 12"  
 Floor (Top): 0"  
 Floor Height: 6"

Floor (Bot): -0.5'  
 Overall Height: 5'  
 Slack: 0"

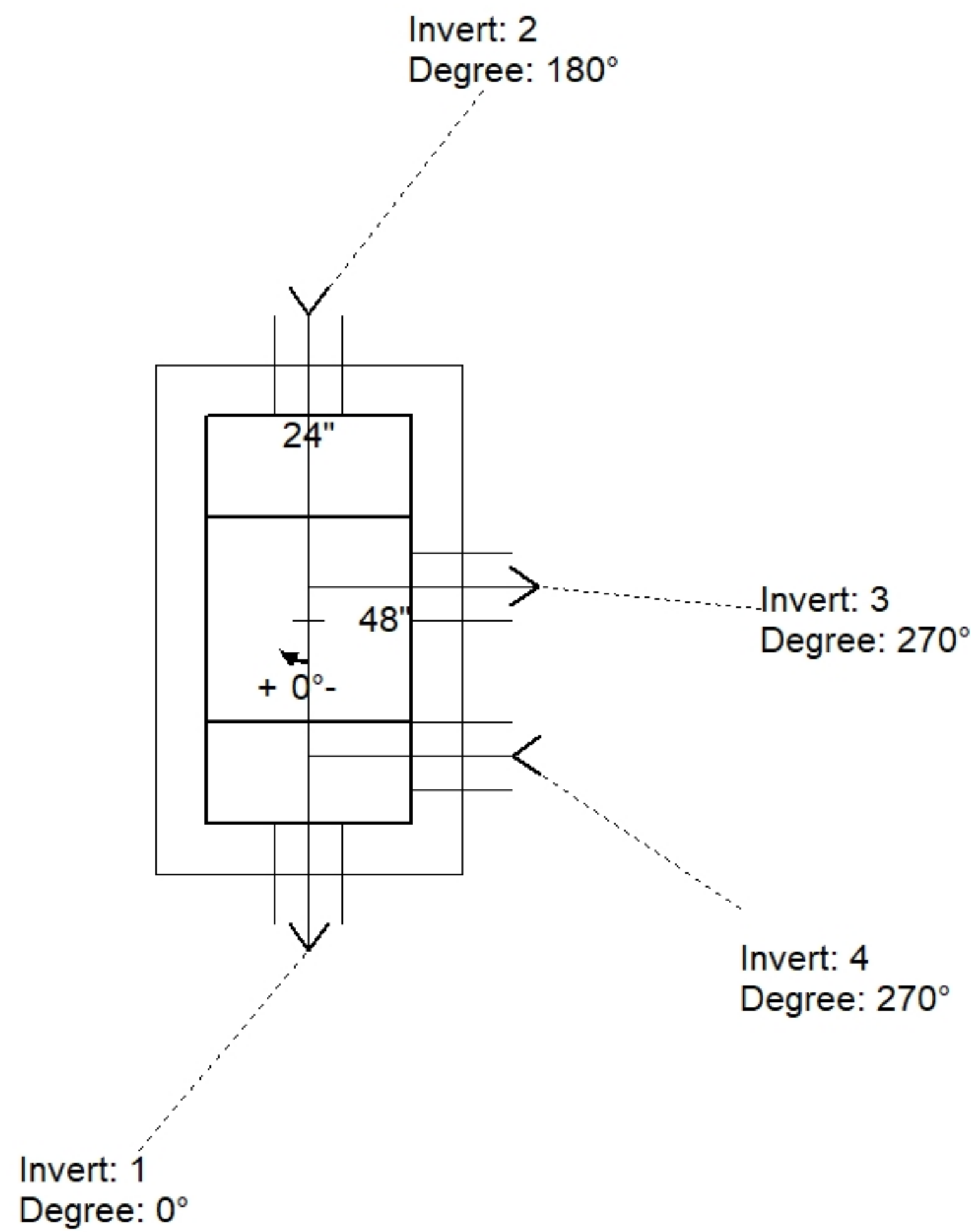
**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST (HOE 280T F/G CAST-IN w/FLANGE UP & HOE MCS-82 F/C)

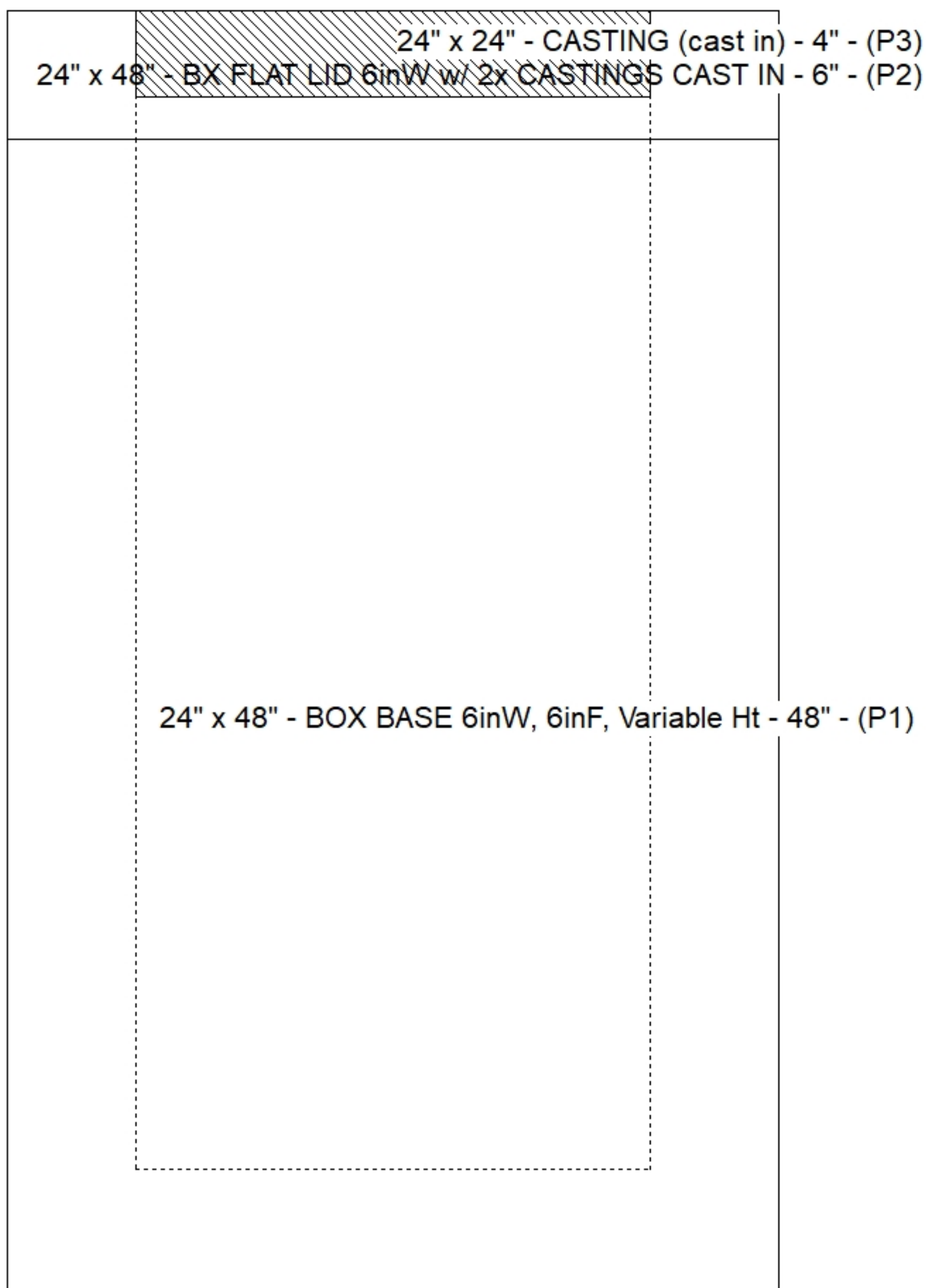
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (AS.62) #5 BARS AT 6" C.C.E.W  
 - WALLS (AS.12) #5 BARS AT 12" C.C.E.W  
 - FLOOR (AS.12) #5 BARS AT 12" C.C.E.W

**STRUCTURE SUMMARY:**

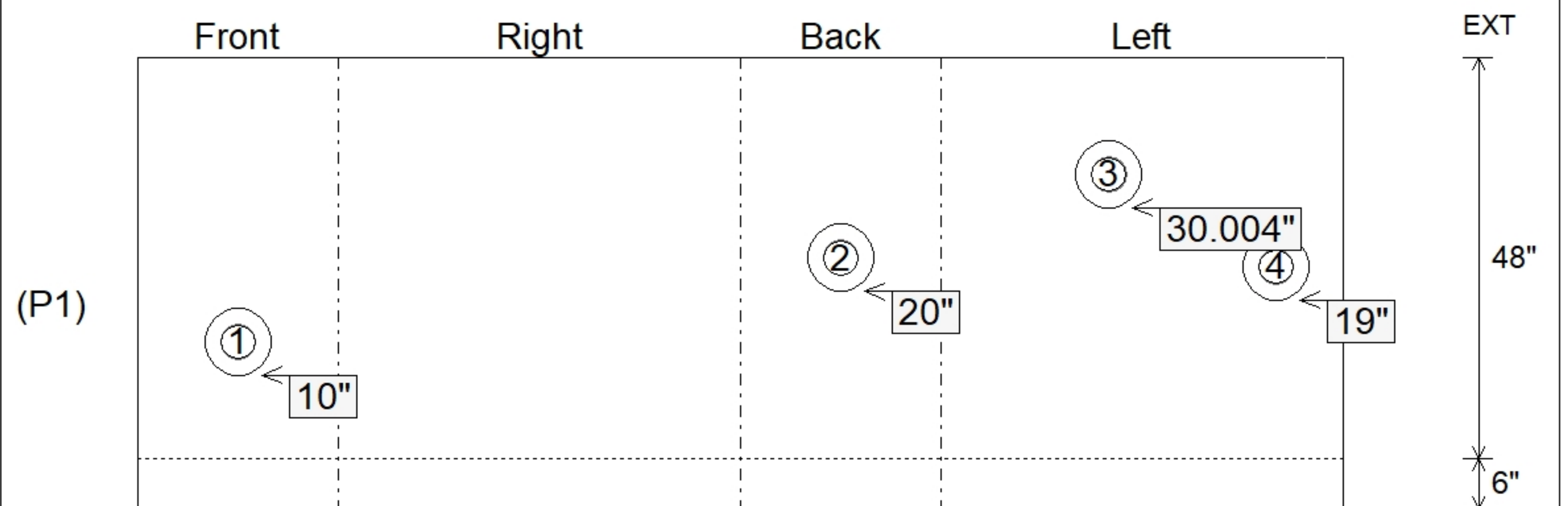
P3) 24" x 24" - CASTING (cast in) - 4"	0 lb
P2) 24" x 48" - BX FLAT LID 6inW w/ 2x CASTINGS CAST IN - 6"	744 lb
P1) 24" x 48" - BOX BASE 6inW, 6inF, Variable Ht - 48"	5046 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 24" x 48" - Con seal CS-102 1.00" (Double)	0 lb
1) 24" x 24" - Con seal CS-102 1.00" (Double)	0 lb
4) Hole - 8	0 lb
<b>Structure Total:</b>	<b>5790 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	4.5'							
Reducer								
Invert 1	1'	0°	4" PVC SDR35	4.25"	8"	Hole 8	10"	P1
Invert 2	1.833'	180°	4" PVC SDR35	4.25"	8"	Hole 8	20"	P1
Invert 3	2.667'	270°	4" PVC SDR35	4.25"	8"	Hole 8	30.004"	P1
Invert 4	1.75'	270°	4" PVC SDR35	4.25"	8"	Hole 8	19"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: