

Job Name: 25-2647 Nichols West
Job Location: Gallatin, TN
Contractor: Hayes Pipe Supply

PC: E. Bradley
 TECH: S. Felletter
 Plant: Beaver Dam



Structure ID: W1

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

Rim: 495'
 Invert: 488.1'
 Rim to Invert: 6.9'

Sump: 0"
 Floor (Top): 488.1'
 Floor Height: 8"

Floor (Bot): 487.433'
 Overall Height: 7.583'
 Slack: -0.2"

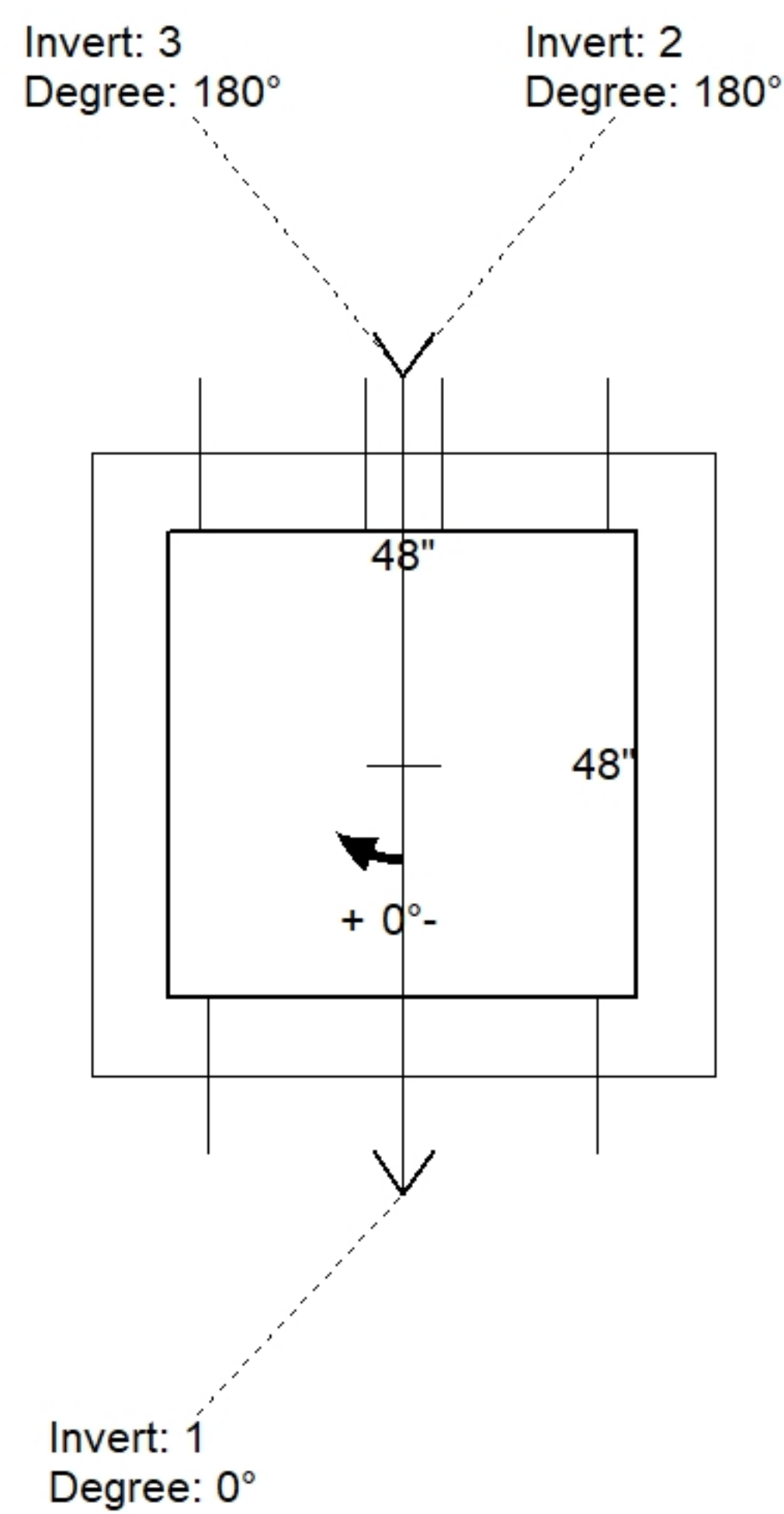
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. FLAT TRASH RACK BY OTHERS.

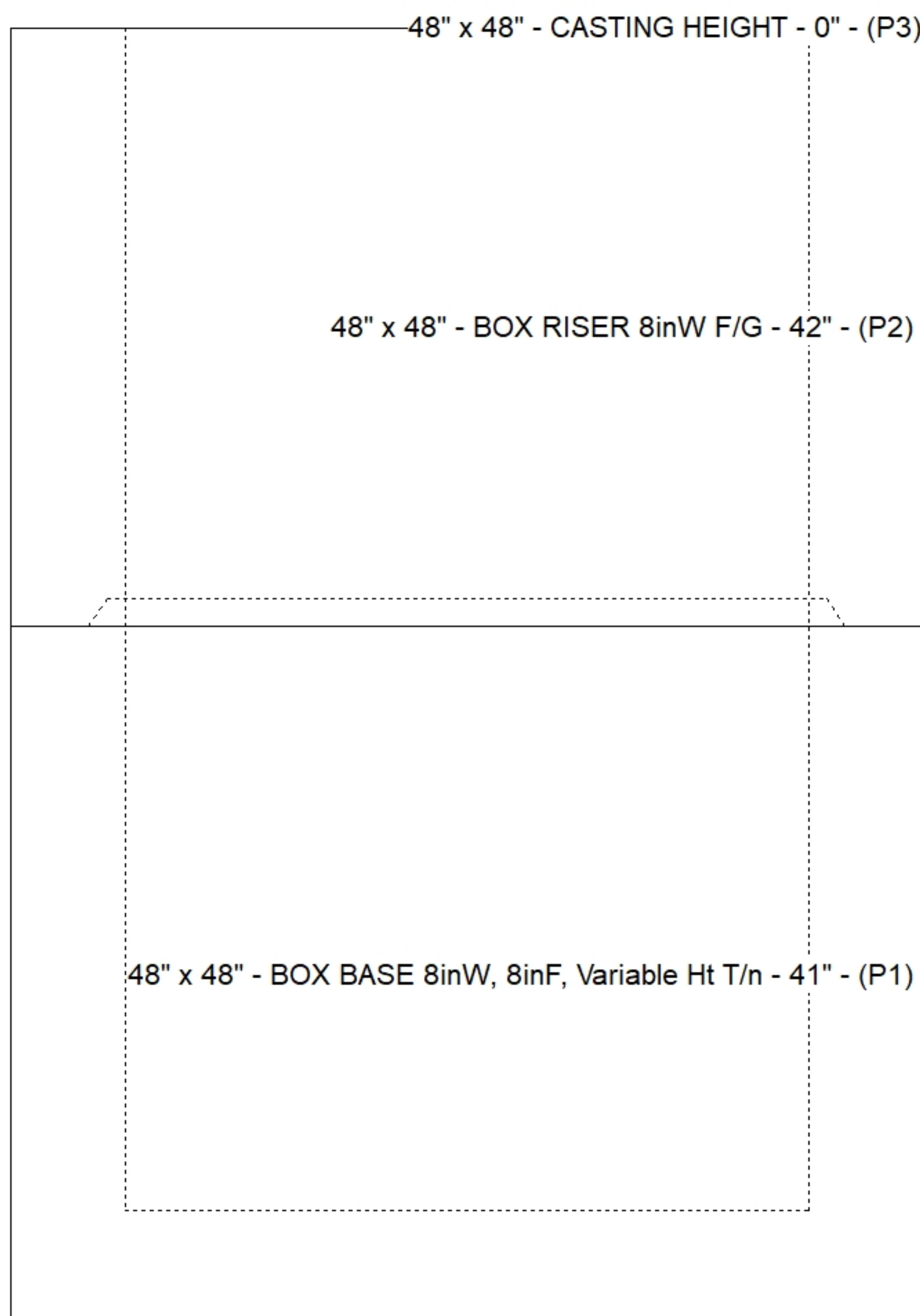
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

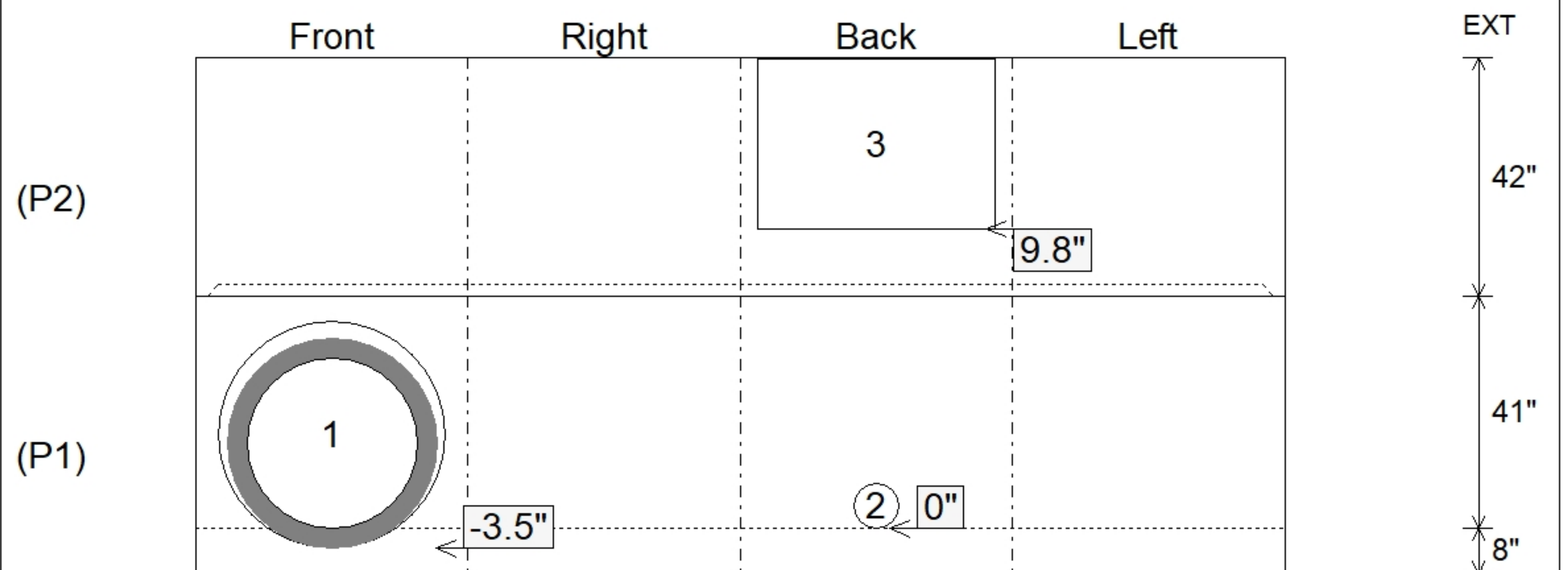
P3) 48" x 48" - CASTING HEIGHT - 0"	0 lb
P2) 48" x 48" - BOX RISER 8inW F/G - 42"	5470 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht T/n - 41"	8037 lb
2) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 40	0 lb
1) Hole - 8	0 lb
1) Horiz Slot n/n - 42"X30"	0 lb
Structure Total:	13507 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	495'							
Reducer								
Invert 1	488.1'	0°	30" RCP B WALL	37"	40"	Hole 40	-3.5"	P1
Invert 2	488.1'	180°	8" Orifice	8"	8"	Hole 8	0"	P1
Invert 3	492.5'	180°	42" x 30" Horiz Slot	42" x 30"	42" x 30"	Horiz Slot 42"X30"	9.8"	P2
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/25/2026 8:36:20 AM

SUBMITTAL
 APPROVED BY: