

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
Job Location: Mammoth Cave , KY
Contractor: Phillips Brothers

PC: C. Goff
 TECH: J. Copping - F
 Plant: 100



Structure ID: **CB24**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 739.43'
 Invert: 735.39'
 Rim to Invert: 4.04'

Sump: 0"
 Floor (Top): 735.39'
 Floor Height: 8"

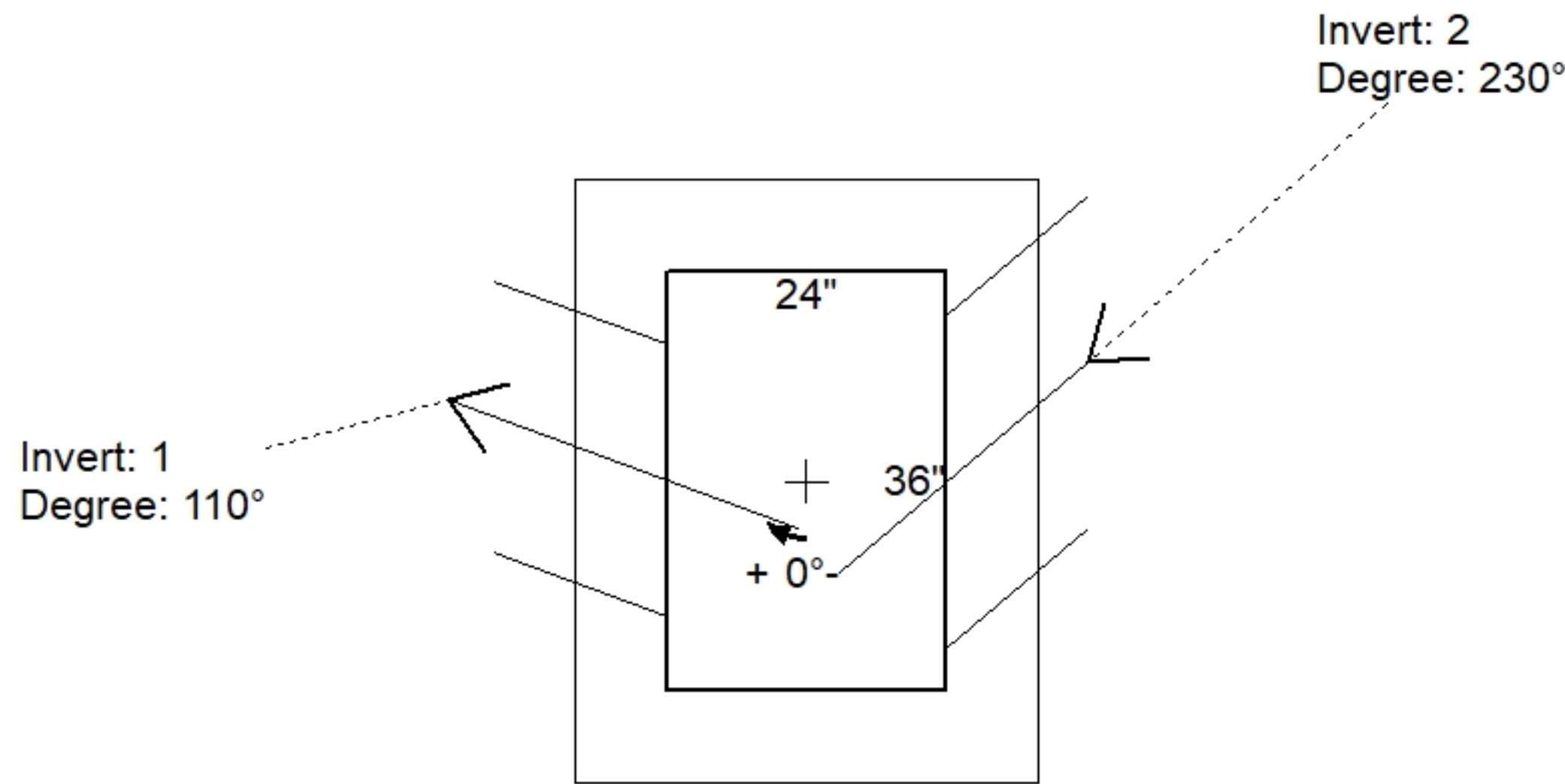
Floor (Bot): 734.723'
 Overall Height: 4.667'
 Slack: 0.48"

Structure Notes:

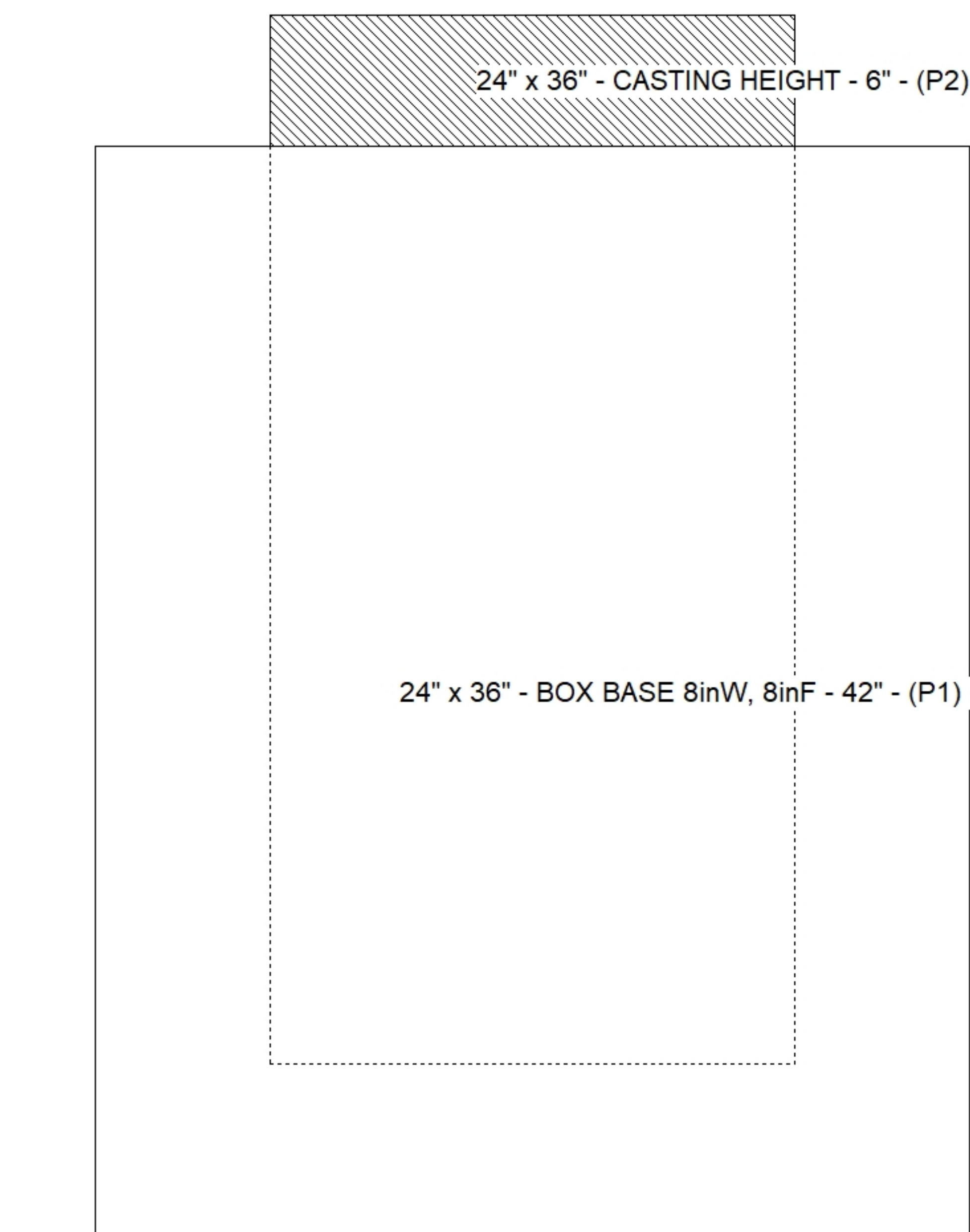
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING SUPPLIED BY OTHERS (HOE-525).
- REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

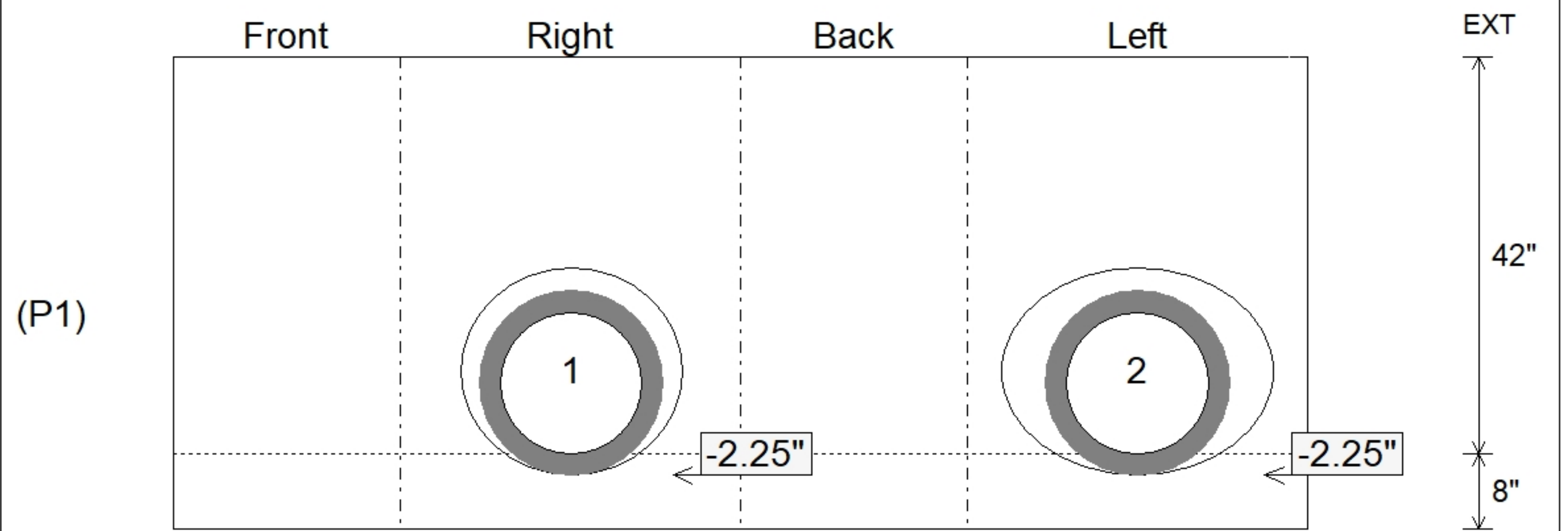
P2) 24" x 36" - CASTING HEIGHT - 6" 0 lb
 P1) 24" x 36" - BOX BASE 8inW, 8inF - 42" 5077 lb
 1) 24" x 36" - Conseal CS-102 1.00" 0 lb
 2) Hole - 22" 0 lb
Structure Total: 5077 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	739.43'							
Reducer								
Invert 1	735.39'	110°	15" RCP B WALL	19.5"	22"	Hole 22	-2.25"	P1
Invert 2	735.39'	230°	15" RCP B WALL	19.5"	22"	Hole 22	-2.25"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 4/10/2026 8:46:02 AM

SUBMITTAL
 APPROVED BY: