

Job Name: 25-1664 Springfield WWTP
Job Location: Springfield, TN
Contractor: Smith Contractors, Inc.

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



Structure ID: AD-2 0+31.26

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 524.75'
 Invert: 517.48'
 Rim to Invert: 7.27'

Sump: 2.5"
 Floor (Top): 517.272'
 Floor Height: 8"

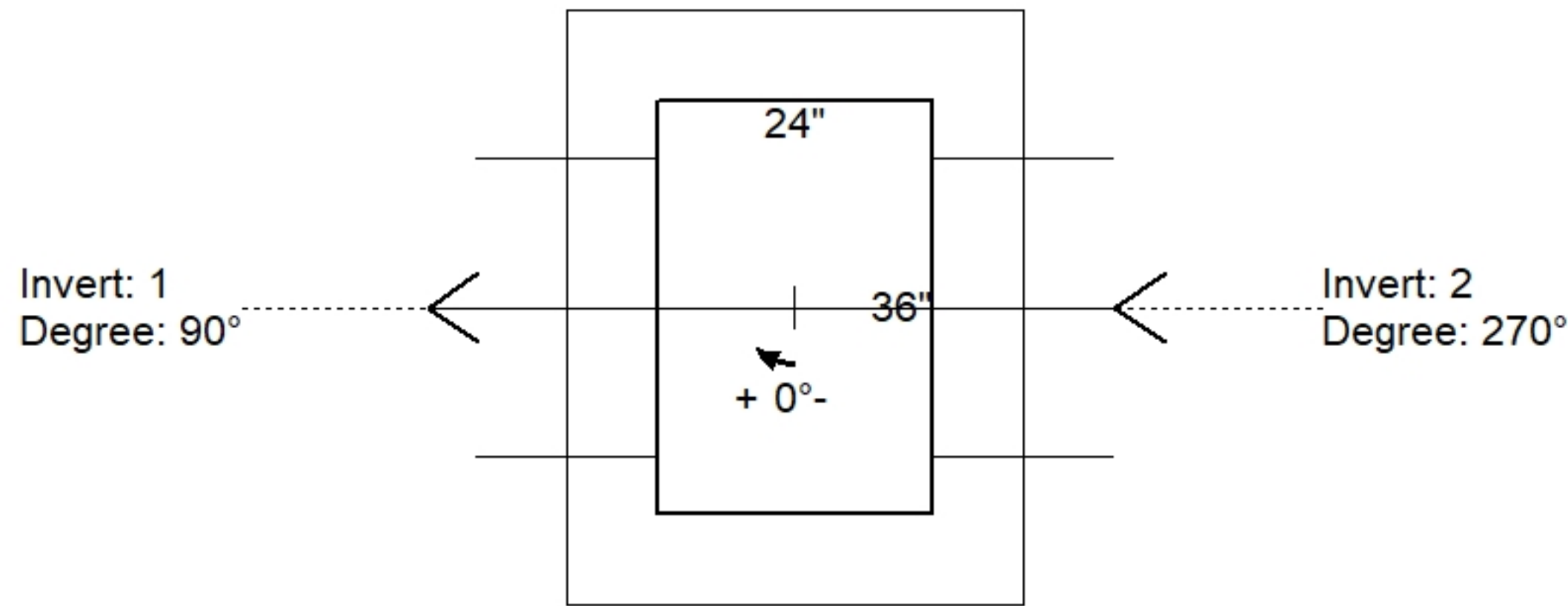
Floor (Bot): 516.605'
 Overall Height: 8.083'
 Slack: 0.74"

Structure Notes:

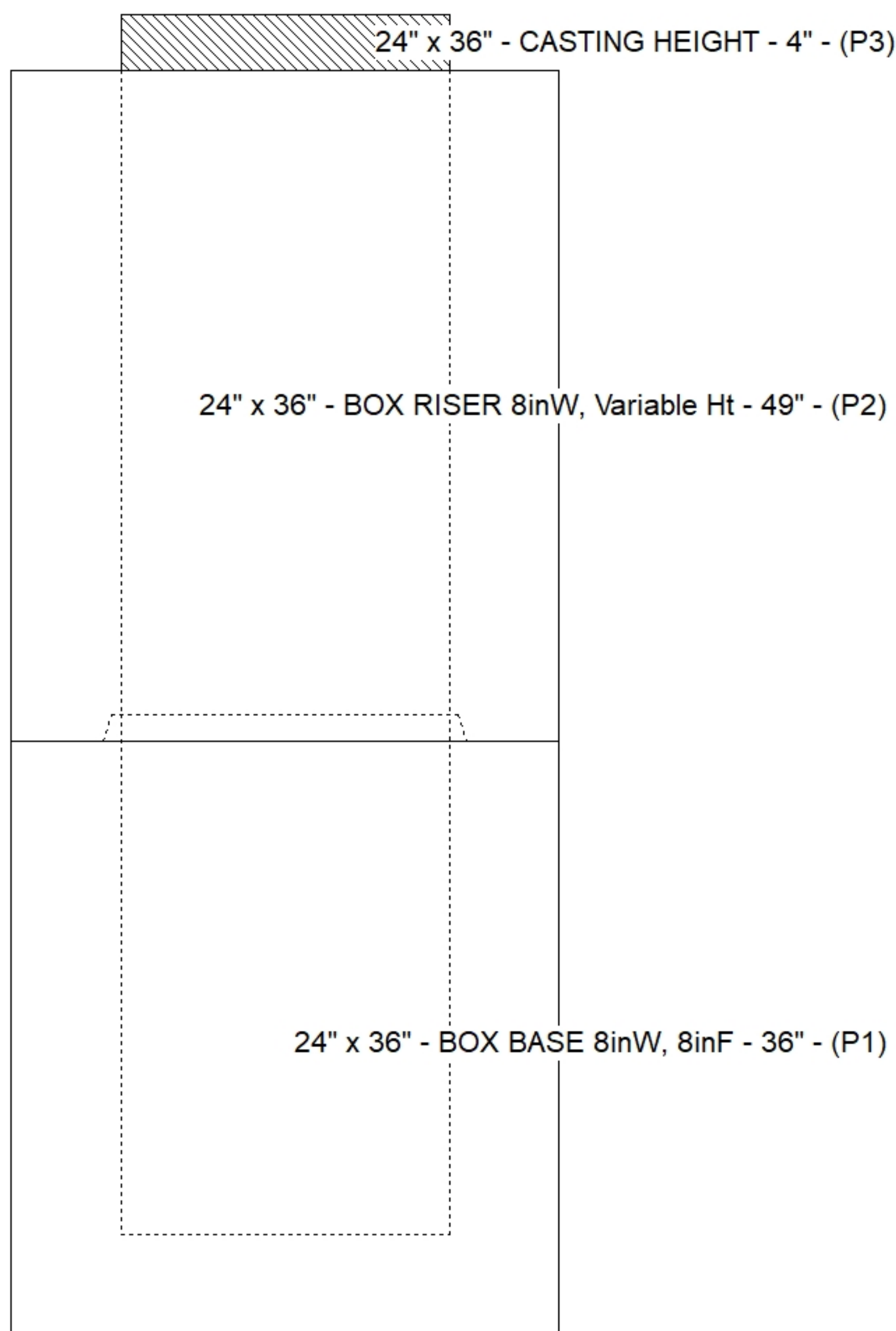
1. JBS-4254 PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
5. PIPE OPENING WILL ACCOMIDATE UP TO A 15 DEGREE SKEW

STRUCTURE SUMMARY:

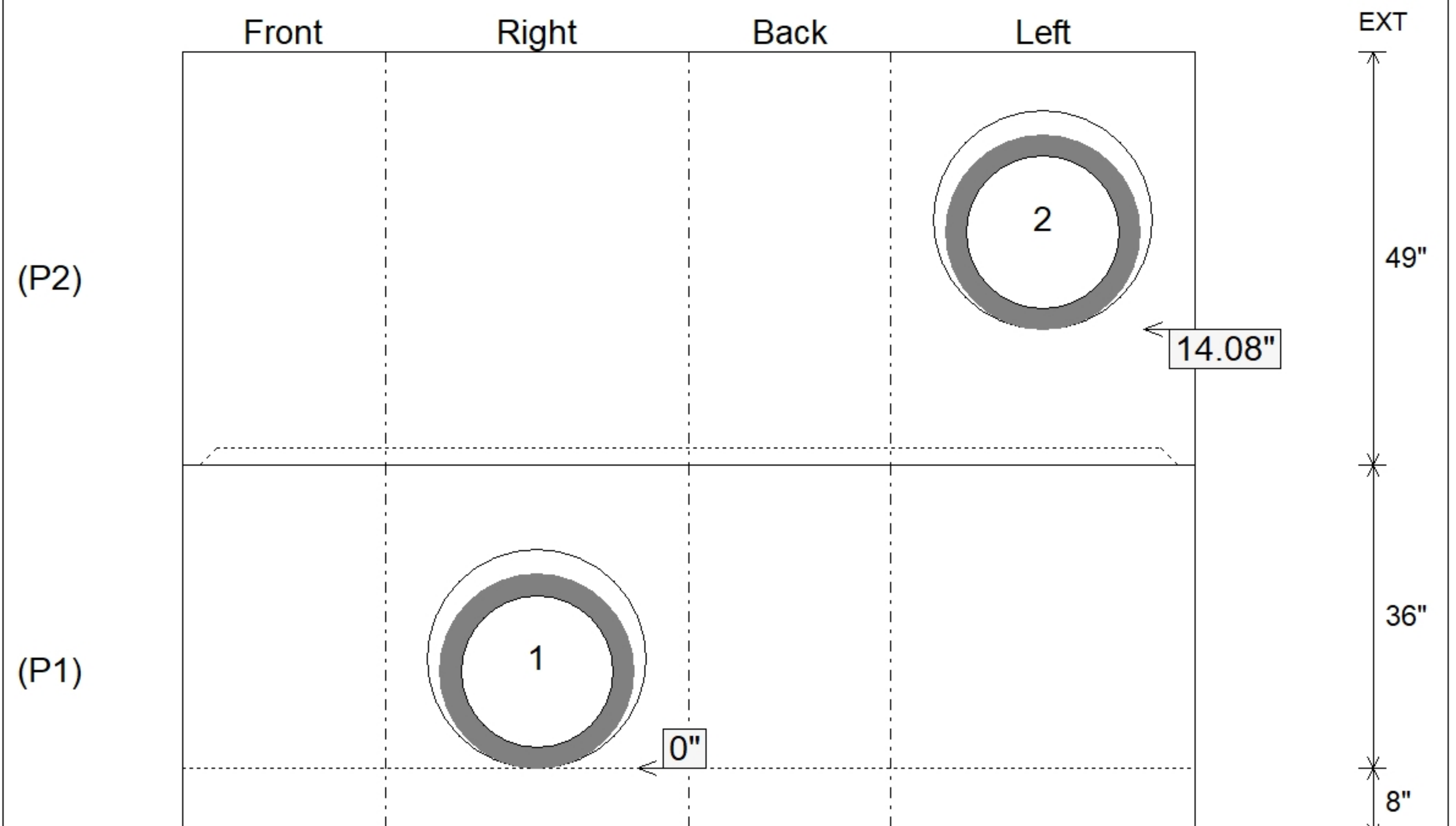
P3) 24" x 36" - CASTING HEIGHT - 4"	0 lb
P2) 24" x 36" - BOX RISER 8inW, Variable Ht - 49"	4643 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF - 36"	4713 lb
1) CASTING - JBS 4254 F/G	500 lb
2) 24" x 36" - Conseal CS-102 1.00"	0 lb
2) Hole - 26	0 lb
Structure Total:	9857 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	524.75'							
Reducer								
Invert 1	517.48'	90°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	521.82'	270°	18" RCP B WALL	23"	26"	Hole 26	14.08"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 12/10/2025 2:18:16 PM

SUBMITTAL
 APPROVED BY: