

Job Name: 26-1318 - Red River Ridge
Job Location: Clarksville, TN 37040
Contractor: Byard Construction, LLC

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



Structure ID: **F8-9 ST-DCI**
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 28" x 64"

Rim: 467.5'
 Invert: 461'
 Rim to Invert: 6.5'

Sump: 0.5"
 Floor (Top): 460.958'
 Floor Height: 6"

Floor (Bot): 460.458'
 Overall Height: 7.042'
 Slack: 0"

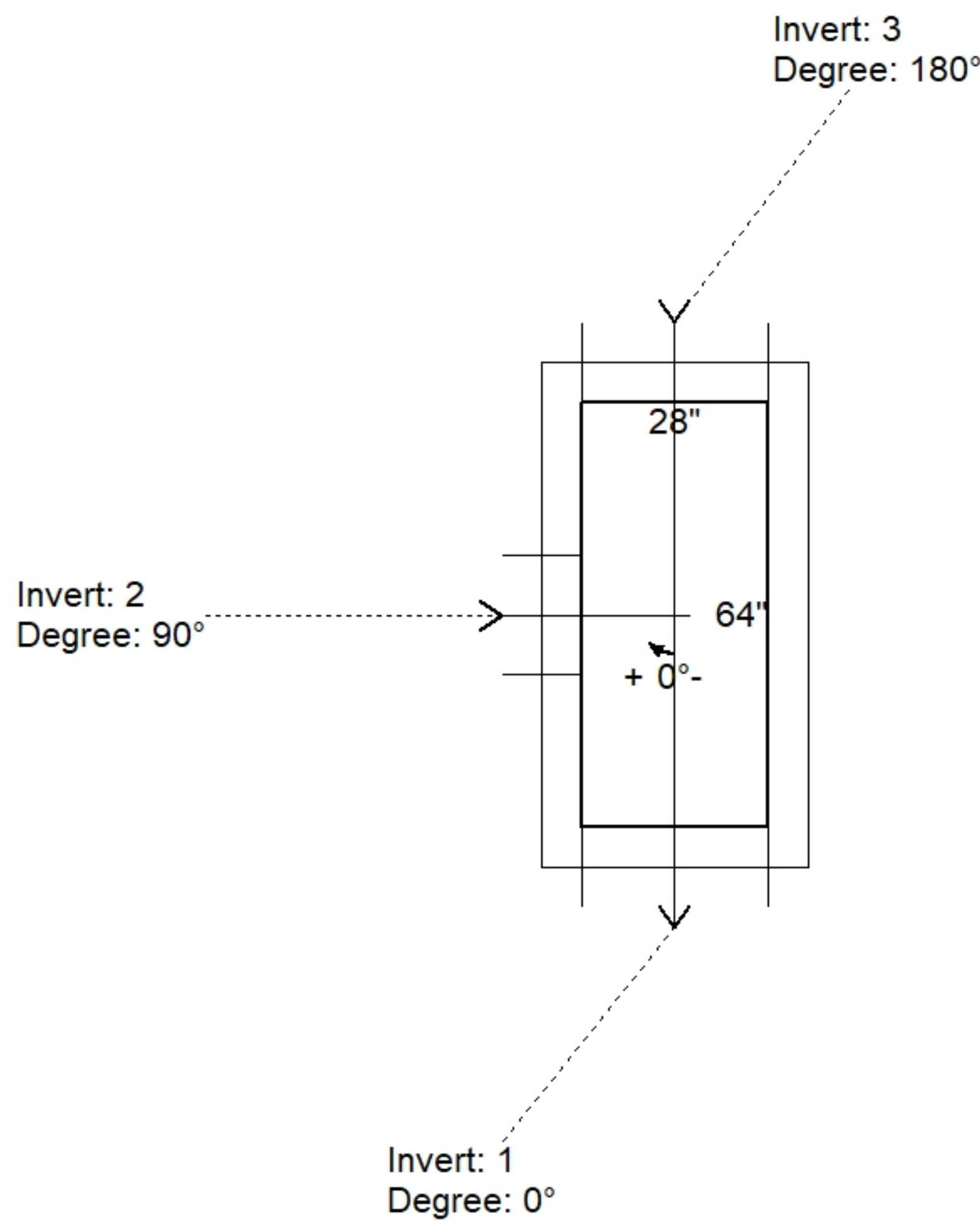
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3080 DOUBLE SET (F/G/H))

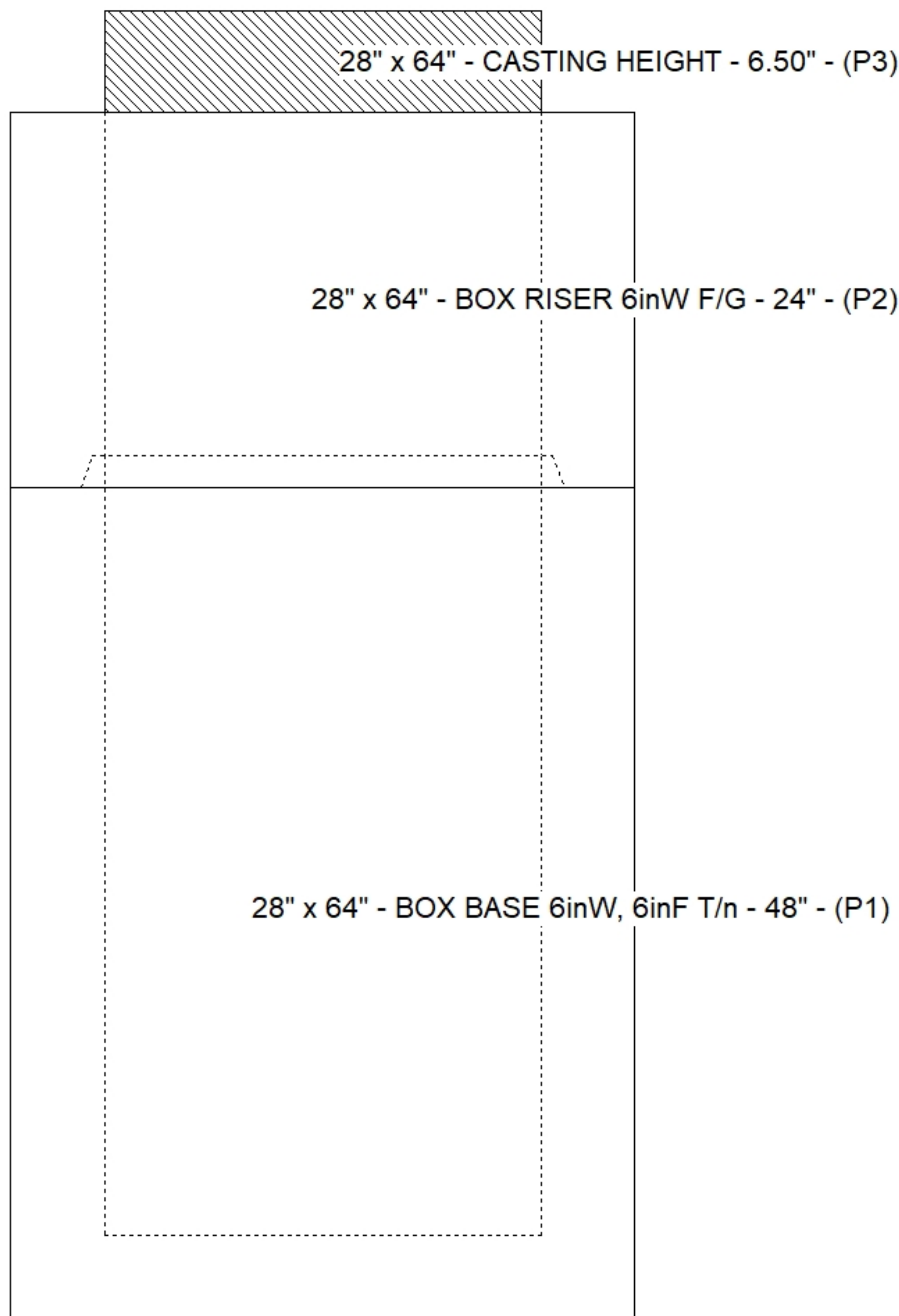
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

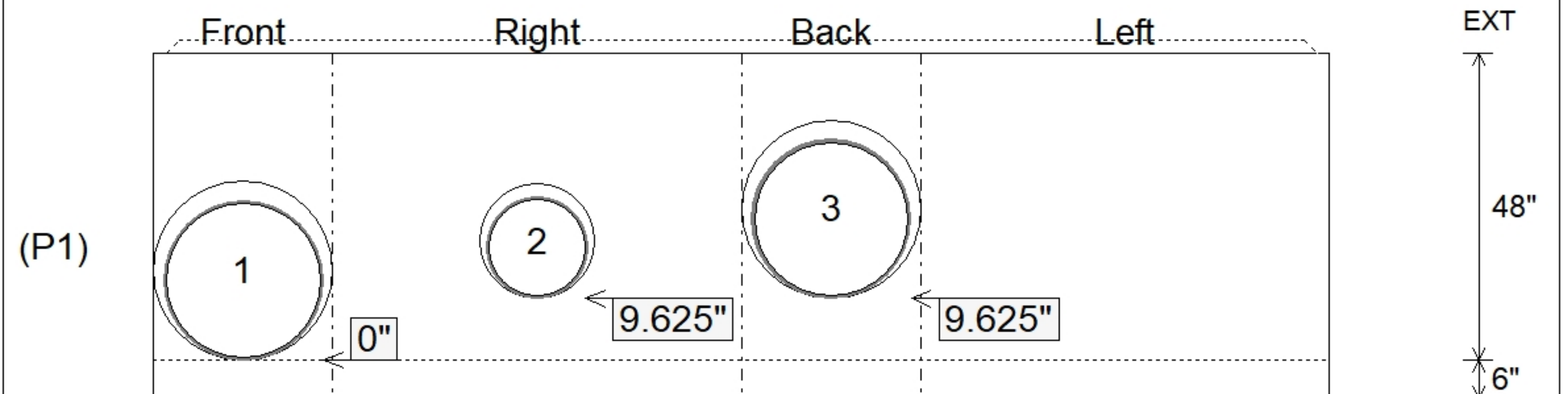
P3) 28" x 64" - CASTING HEIGHT - 6.50"	0 lb
P2) 28" x 64" - BOX RISER 6inW F/G - 24"	2513 lb
P1) 28" x 64" - BOX BASE 6inW, 6inF T/n - 48"	5964 lb
2) CASTING - JBS 3080 SET (F/G/H)	1000 lb
2) 28" x 64" - Conseal CS-102 1.00"	0 lb
2) Hole - 28	0 lb
1) Hole - 18	0 lb
Structure Total:	9477 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	467.5'							
Reducer								
Invert 1	461'	0°	24" CMP	25"	28"	Hole 28	0"	P1
Invert 2	461.8'	90°	15" CMP	16"	18"	Hole 18	9.625"	P1
Invert 3	461.8'	180°	24" CMP	25"	28"	Hole 28	9.625"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 4/14/2026 8:12:27 AM

SUBMITTAL
 APPROVED BY: