

Job Name: 26-1167 - Perkins Motor Plex
Job Location: Murfreesboro, TN 37128
Contractor: Bear Construction LLC

PC: E. Bradley
 TECH: Jared - F
 Plant: 100



Structure ID: #5 (7)
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 28" x 28"

Rim: 587.5'
 Invert: 583.26'
 Rim to Invert: 4.24'

Sump: 2.25"
 Floor (Top): 583.073'
 Floor Height: 6"

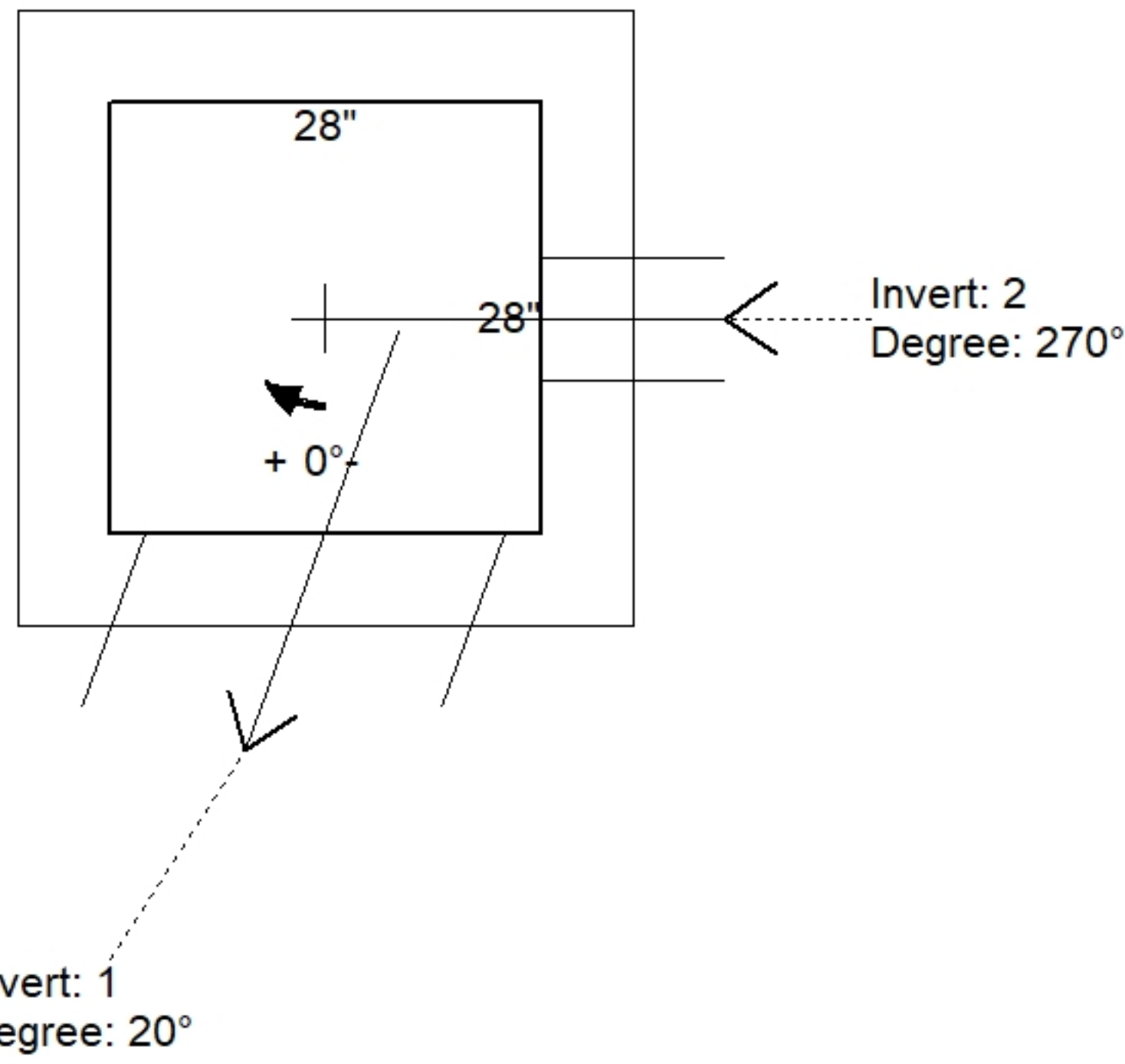
Floor (Bot): 582.573'
 Overall Height: 4.917'
 Slack: 0.13"

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 3103 SINGLE SET (F/G/H))

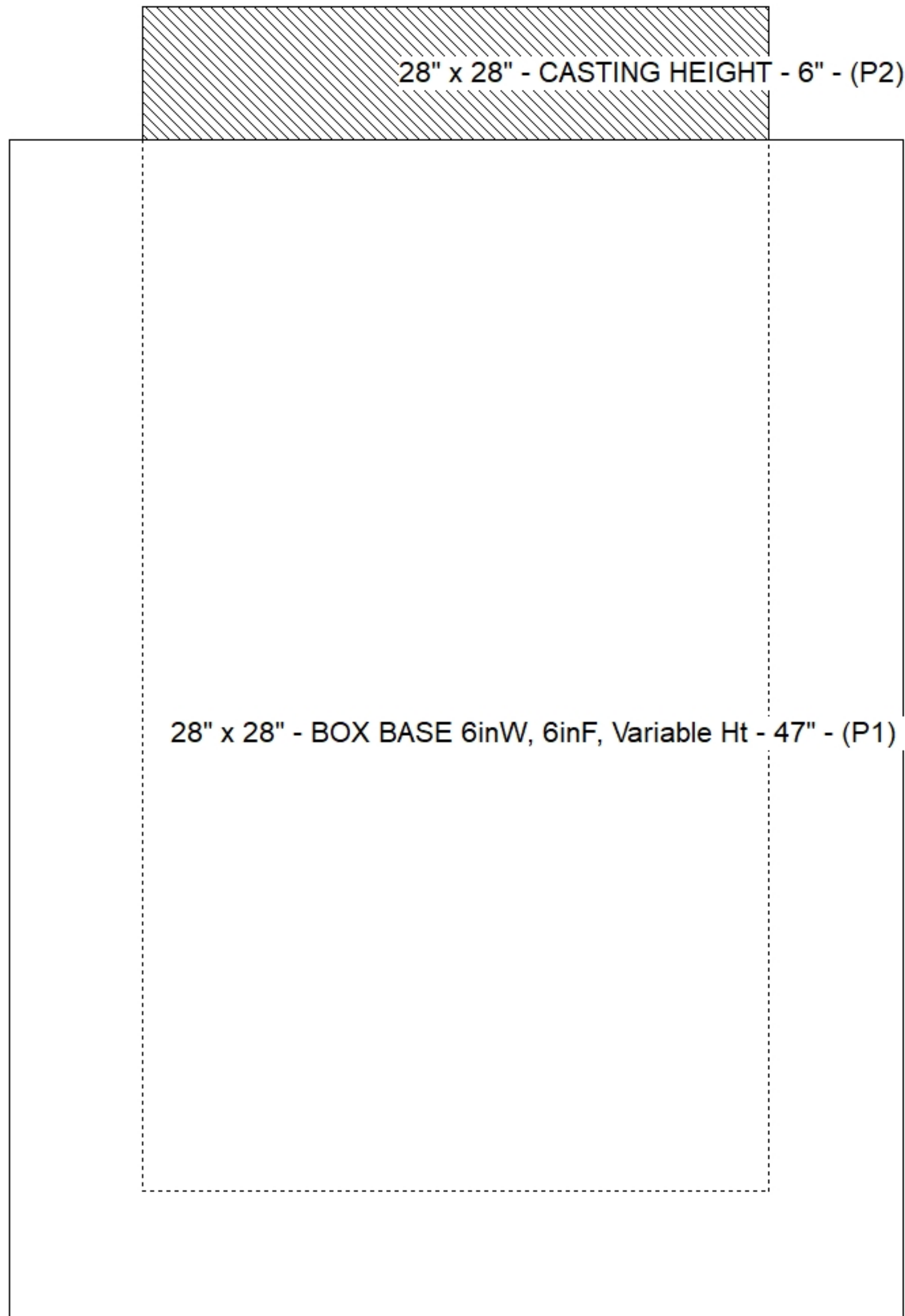
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

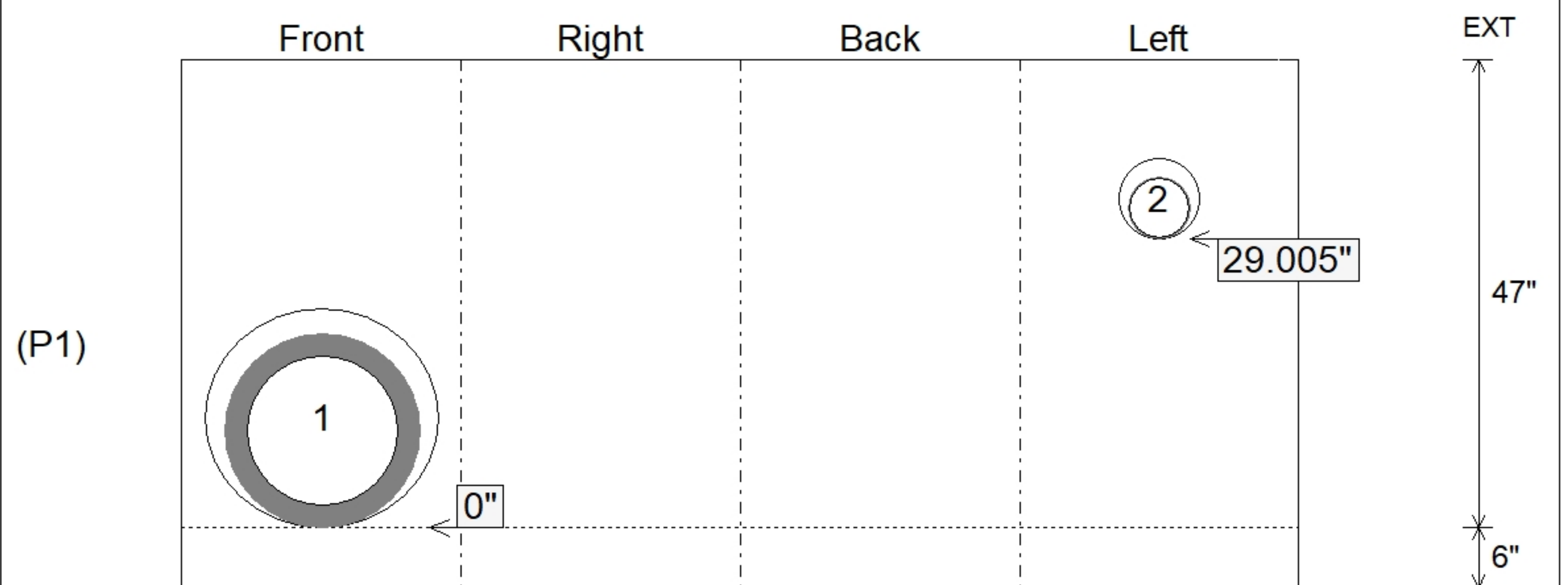
P2) 28" x 28" - CASTING HEIGHT - 6"	0 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht - 47"	3795 lb
1) CASTING - JBS 3103 Single Set (F/G/H)	250 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
1) Hole - 8	0 lb
Structure Total:	4045 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	587.5'							
Reducer								
Invert 1	583.26'	20°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2	585.5'	270°	6" PVC SDR35	6.25"	8"	Hole 8	29.005"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: