

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: #3 (5)

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

Rim: 588'
 Invert: 583.82'
 Rim to Invert: 4.18'

Sump: 2.25"
 Floor (Top): 583.633'
 Floor Height: 8"

Floor (Bot): 582.966'
 Overall Height: 5'
 Slack: 0.41"

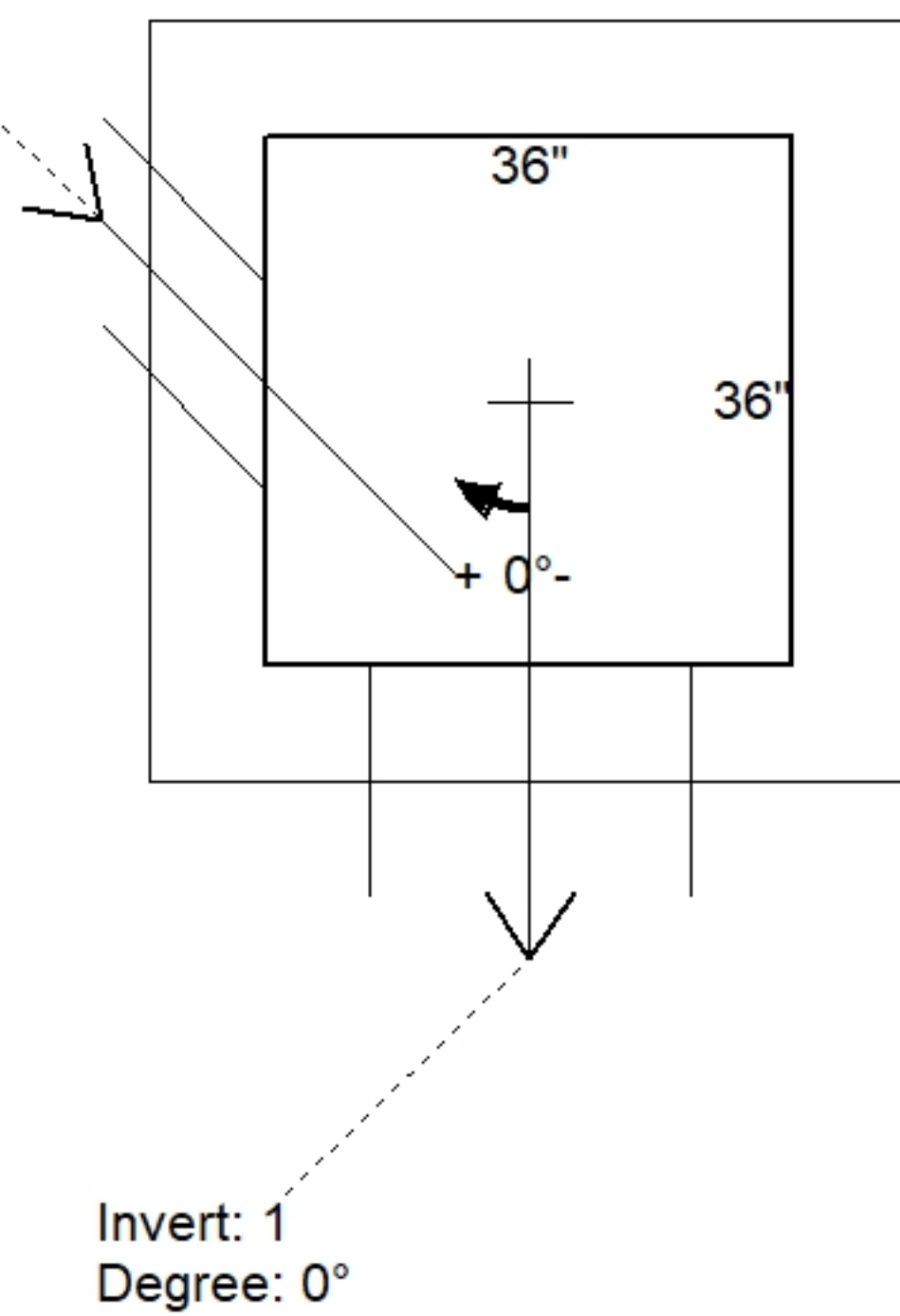
Structure Notes:

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 4073 F/G)
- 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:

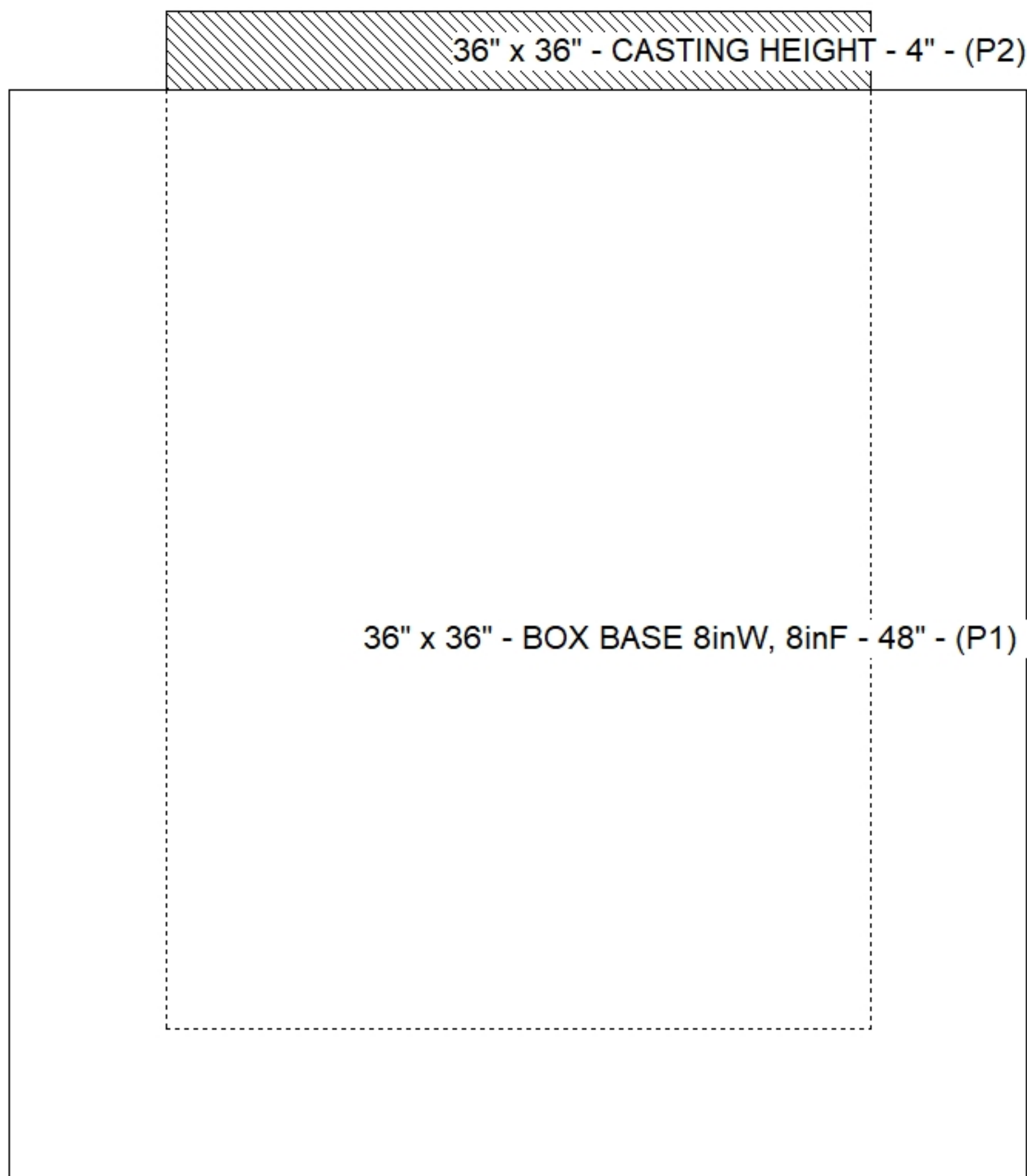
P2) 36" x 36" - CASTING HEIGHT - 4"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF - 48"	7157 lb
1) CASTING - JBS 4073 F/G	500 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
1) Hole - 10	0 lb
Structure Total:	7657 lb

Invert: 2
 Degree: 135°

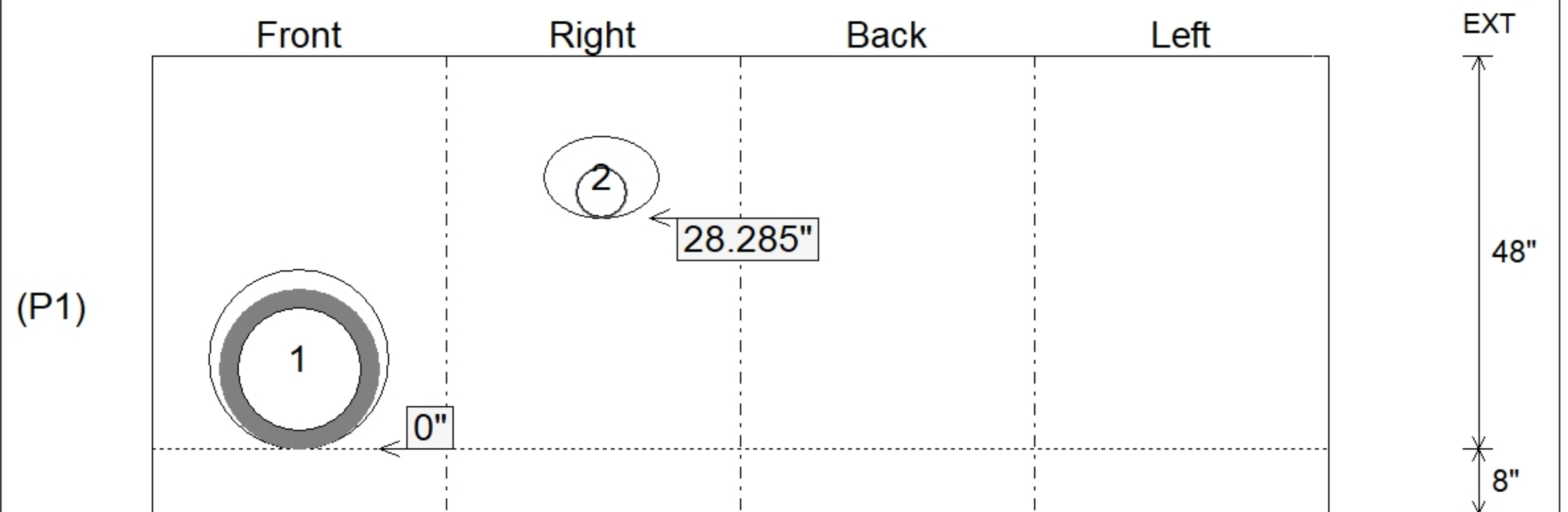


Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	588'							
Reducer								
Invert 1	583.82'	0°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2	586'	135°	6" PVC SDR35	6.25"	10"	Hole 10	28.285"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Invert: 1
 Degree: 0°



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: