

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
Job Location: Gallatin, TN 37066
Contractor: Stewart Richey

PC: T. Lewis
 TECH: Jared - F
 Plant: 100



Structure ID: 110-2 ST-MH
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 36" x 36"

Rim: 547.16'
 Invert: 543.98'
 Rim to Invert: 3.18'

Sump: 0"
 Floor (Top): 543.98'
 Floor Height: 8"

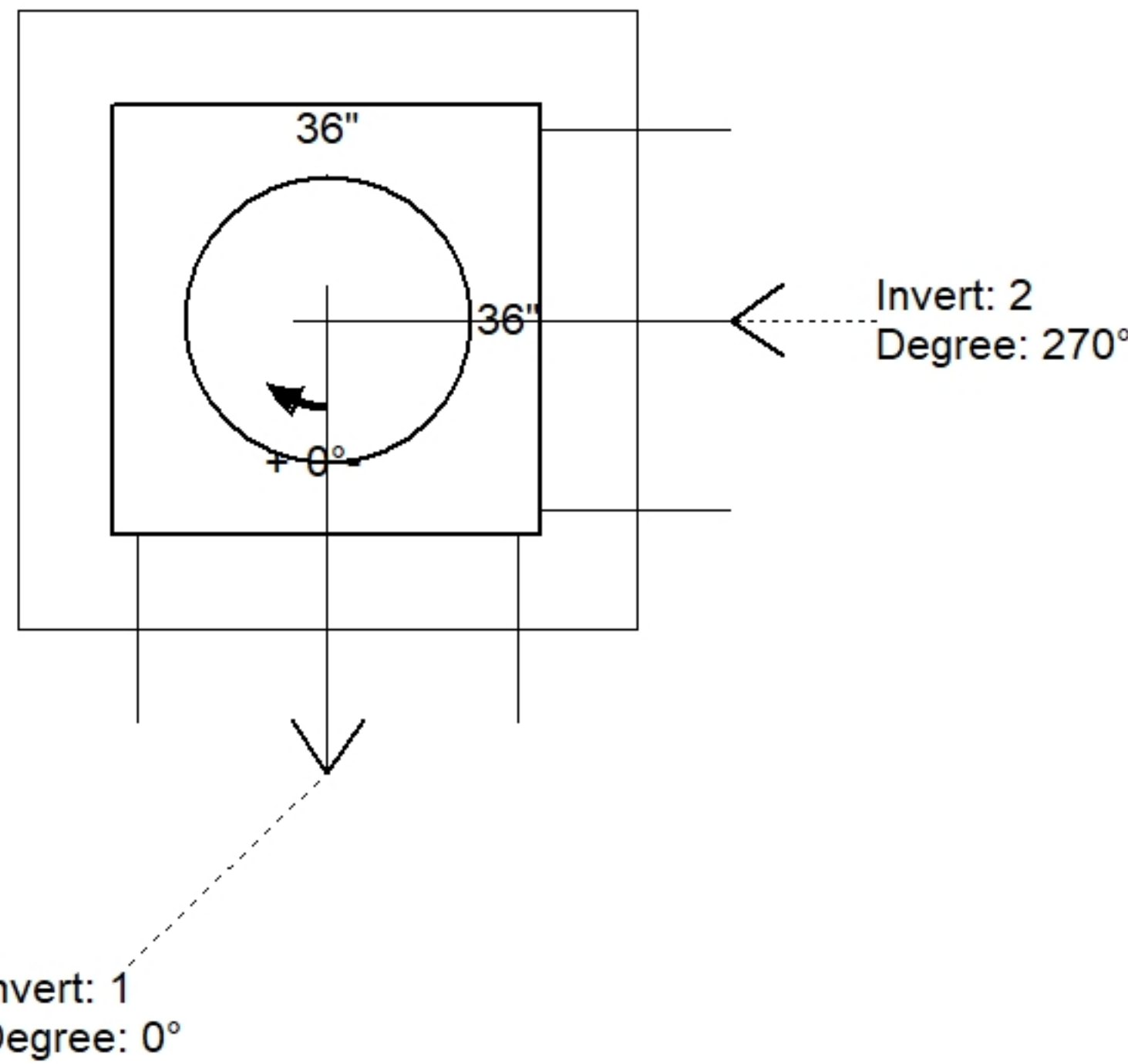
Floor (Bot): 543.313'
 Overall Height: 3.833'
 Slack: 0.16"

Structure Notes:

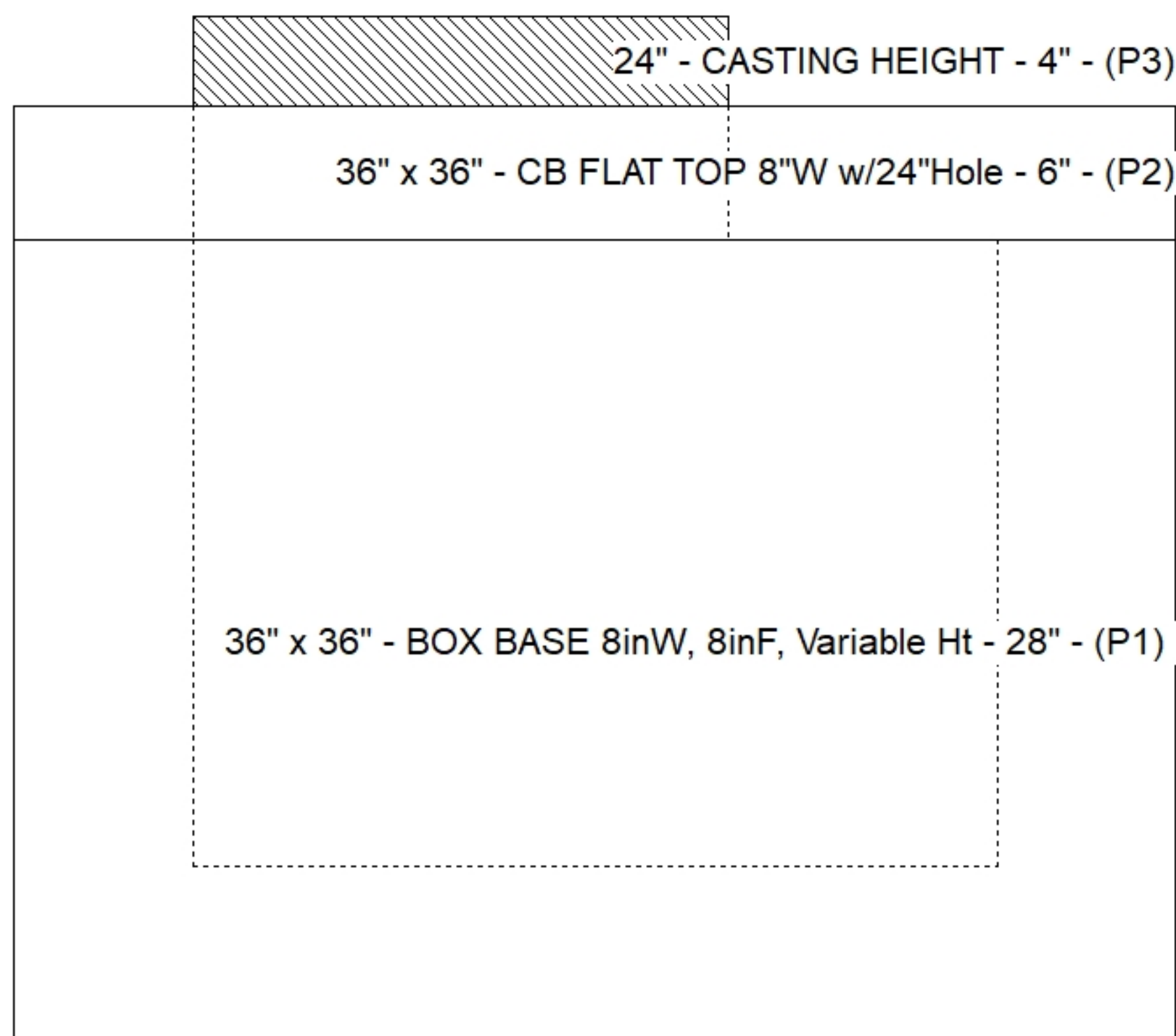
- PER ASTM C913 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO STEPS AND NO INVERT CHANNEL.
 - CASTING BY ICAST (JBS 1154 F/C STORM).
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

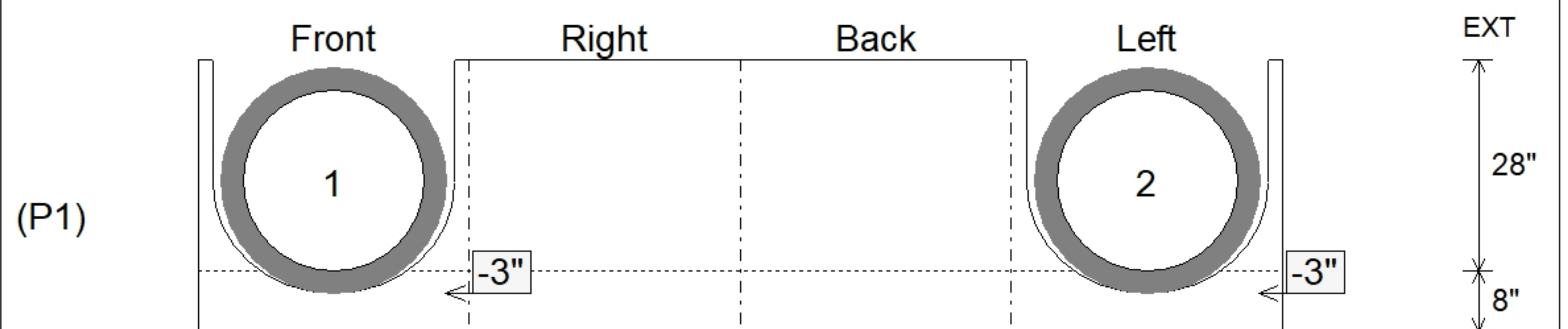
P3) 24" - CASTING HEIGHT - 4"	0 lb
P2) 36" x 36" - CB FLAT TOP 8"W w/24"Hole - 6"	1134 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 28"	3925 lb
1) CASTING - JBS 1154 F/C STORM	250 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
2) DOGHOUSE INVRTD - 32"x29"	0 lb
Structure Total:	5309 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	547.16'							
Reducer								
Invert 1	543.98'	0°	24" RCP B WALL	30"	32" x 29"	DOGHOUSE INVRTD 32"x29"	-3"	P1
Invert 2	543.98'	270°	24" RCP B WALL	30"	32" x 29"	DOGHOUSE INVRTD 32"x29"	-3"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 4/20/2026 9:47:02 AM

SUBMITTAL
 APPROVED BY: