

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: F10-11 ST-DCI

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 36" x 64"

Rim: 462.9'
 Invert: 456.8'
 Rim to Invert: 6.1'

Sump: 0.5"
 Floor (Top): 456.758'
 Floor Height: 6"

Floor (Bot): 456.258'
 Overall Height: 6.625'
 Slack: 0.2"

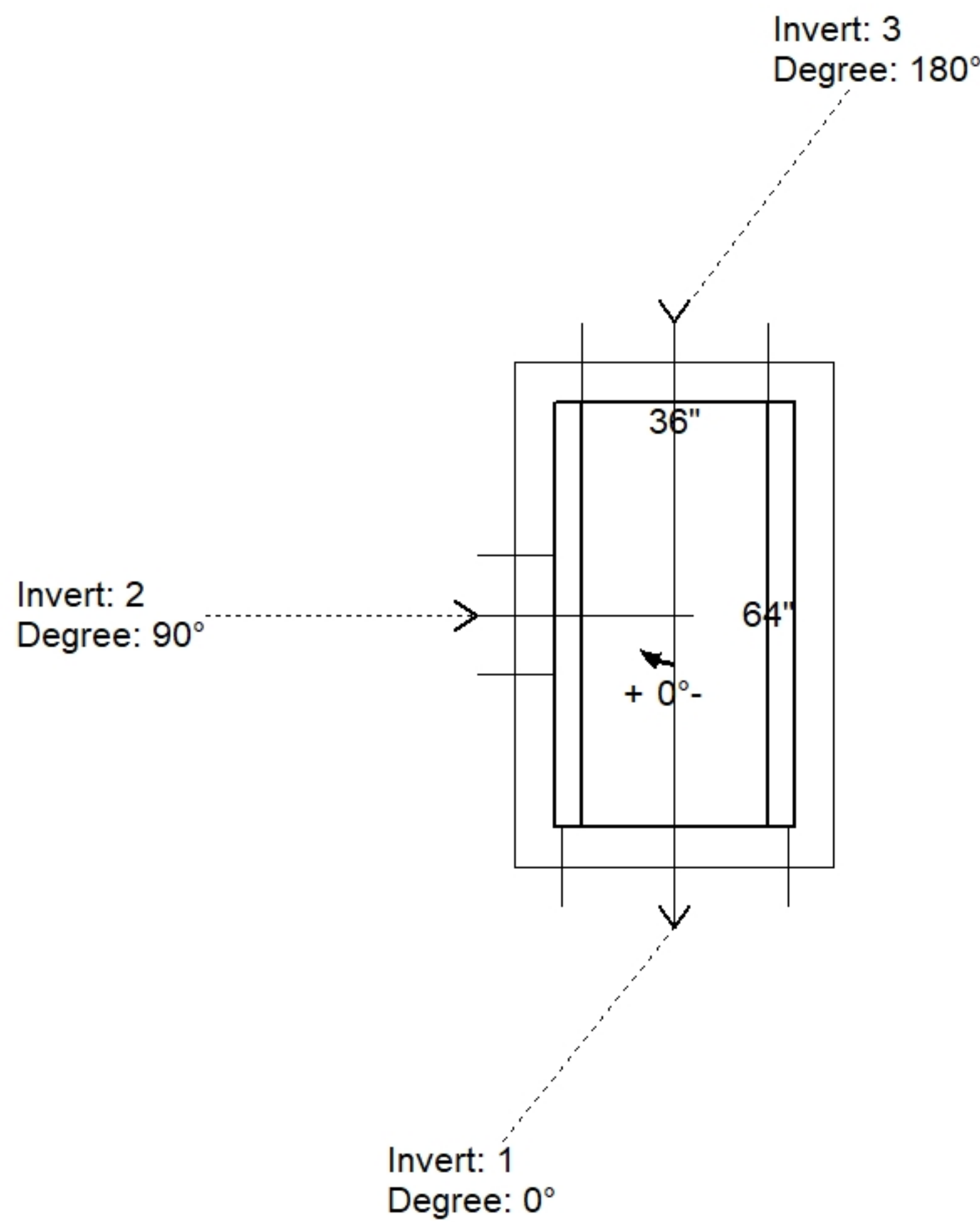
Structure Notes:

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

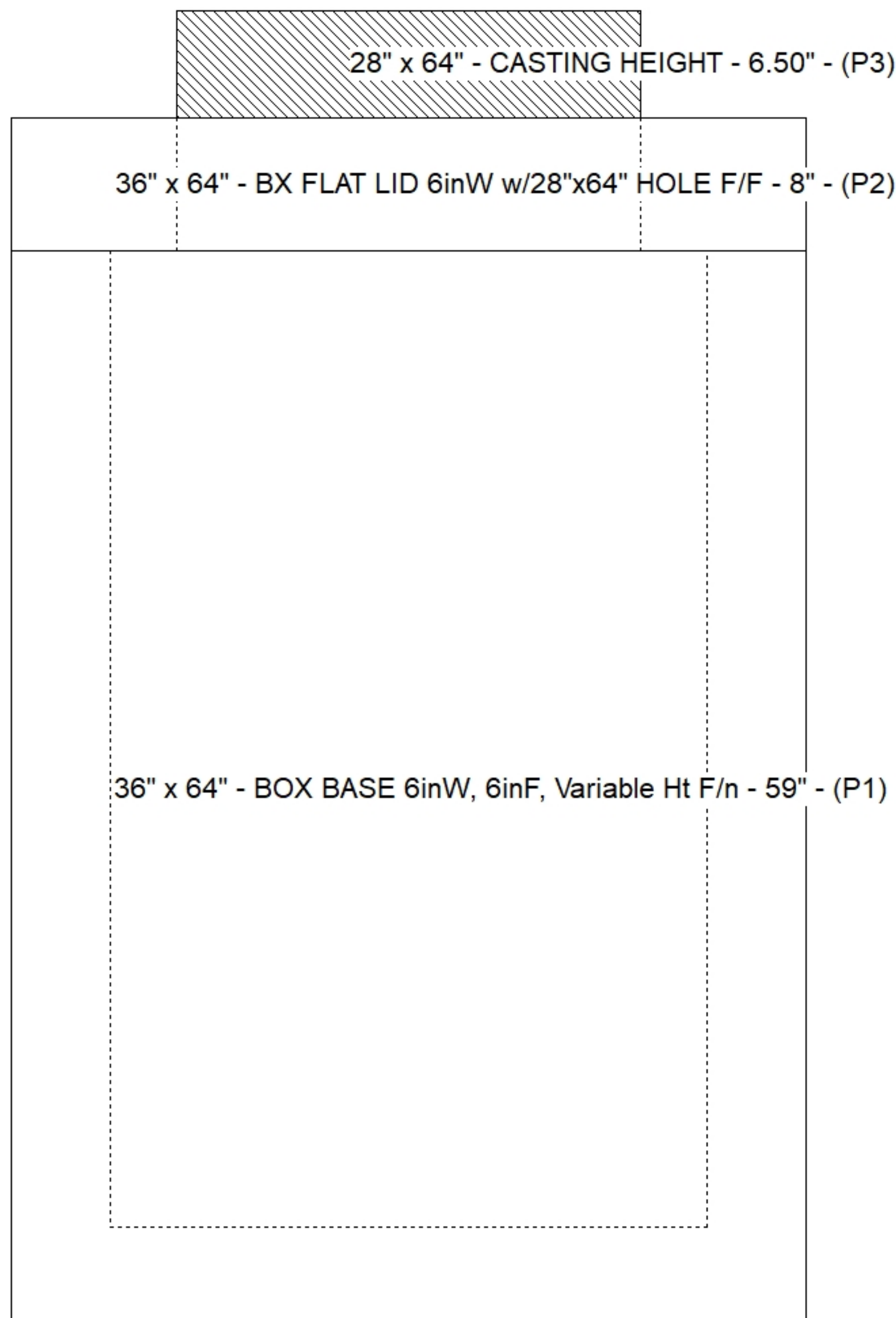
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 3" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

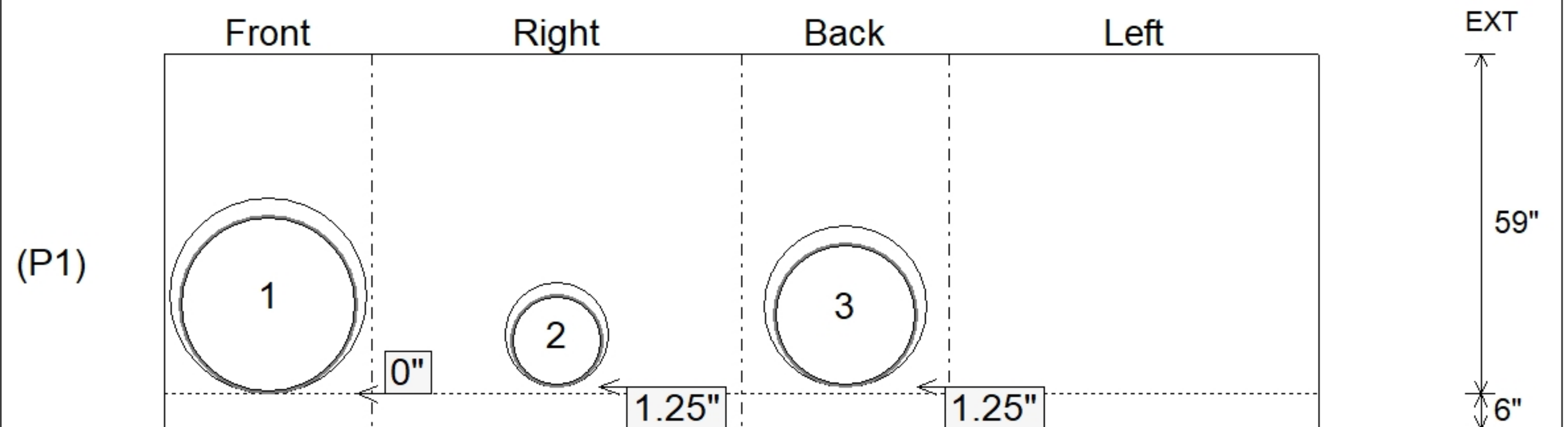
P3) 28" x 64" - CASTING HEIGHT - 6.50"	0 lb
P2) 36" x 64" - BX FLAT LID 6inW w/28"x64" HOLE F/F - 8"	1246 lb
P1) 36" x 64" - BOX BASE 6inW, 6inF, Variable Ht F/n - 59"	7595 lb
2) CASTING - JBS 3080 SET (F/G/H)	1000 lb
1) 28" x 64" - Conseal CS-102 1.00"	0 lb
1) Hole - 34	0 lb
1) Hole - 18	0 lb
1) Hole - 28	0 lb
Structure Total:	9841 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	462.9'							
Reducer								
Invert 1	456.8'	0°	30" CMP	31"	34"	Hole 34	0"	P1
Invert 2	456.9'	90°	15" CMP	16"	18"	Hole 18	1.25"	P1
Invert 3	456.9'	180°	24" CMP	25"	28"	Hole 28	1.25"	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: