

Job Name: 25-2601 Spring Creek Parkway Phase 2 (Storm)
Job Location: Clarksville, TN
Contractor: Byard Construction, LLC

PC: A. Chambers
 TECH: S. Felletter
 Plant: Beaver Dam



Structure ID: **CB-50**
 Spec: TDOT
 Type: CB TYPE 12SC
 Size: 62" x 62"

Rim: 499.62'
 Invert: 483.12'
 Rim to Invert: 16.5'

Sump: 5"
 Floor (Top): 482.703'
 Floor Height: 8"

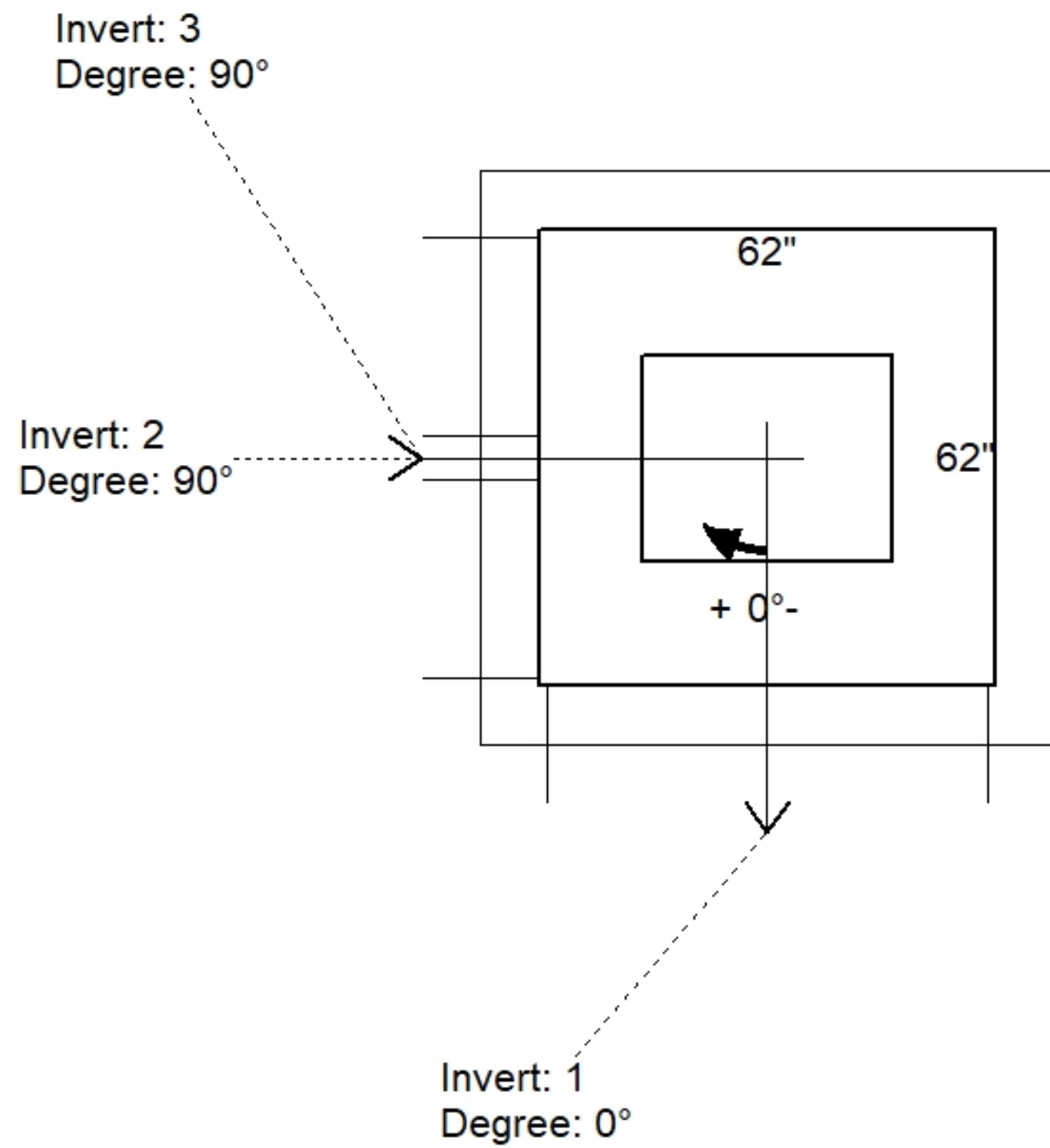
Floor (Bot): 482.037'
 Overall Height: 17.583'
 Slack: 0"

Structure Notes:

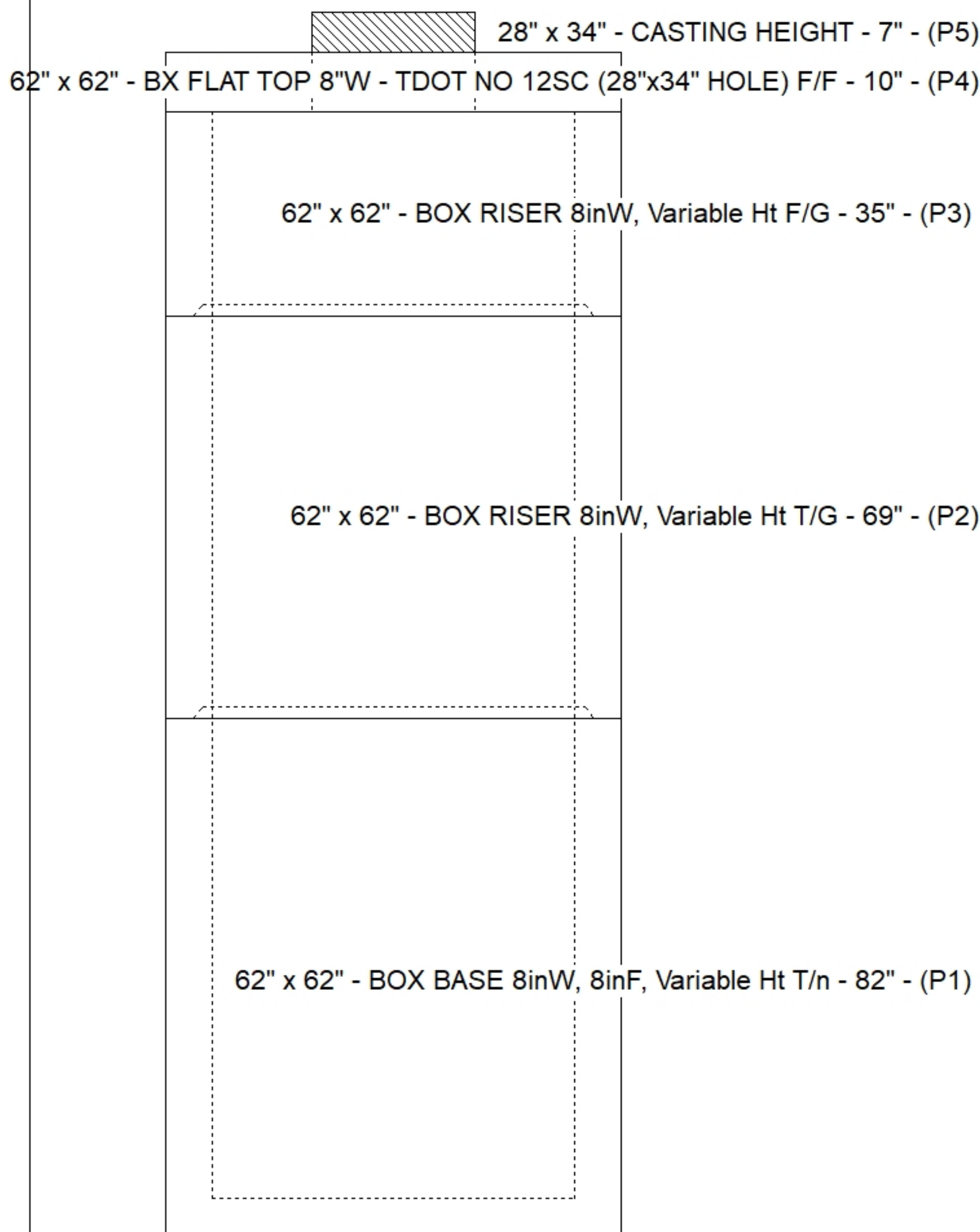
- PER TDOT D-CB-12SC / ASTM C913 SPEC'S.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING BY OTHERS (TNDOT TY. 12 - JBS 3123 MOD F/G/H)
- REINFORCING PER ASTM A615 (GRADE 60).
 ** SEE TDOT STD DRAWING D-CB-12SC **
 - TOP SLAB - DBL MAT #5 BARS.
 - WALLS (As .54) #5 BARS AT 7" C.C.E.W.
 - FLOOR (As .54) #5 BARS AT 7" C.C.E.W.

STRUCTURE SUMMARY:

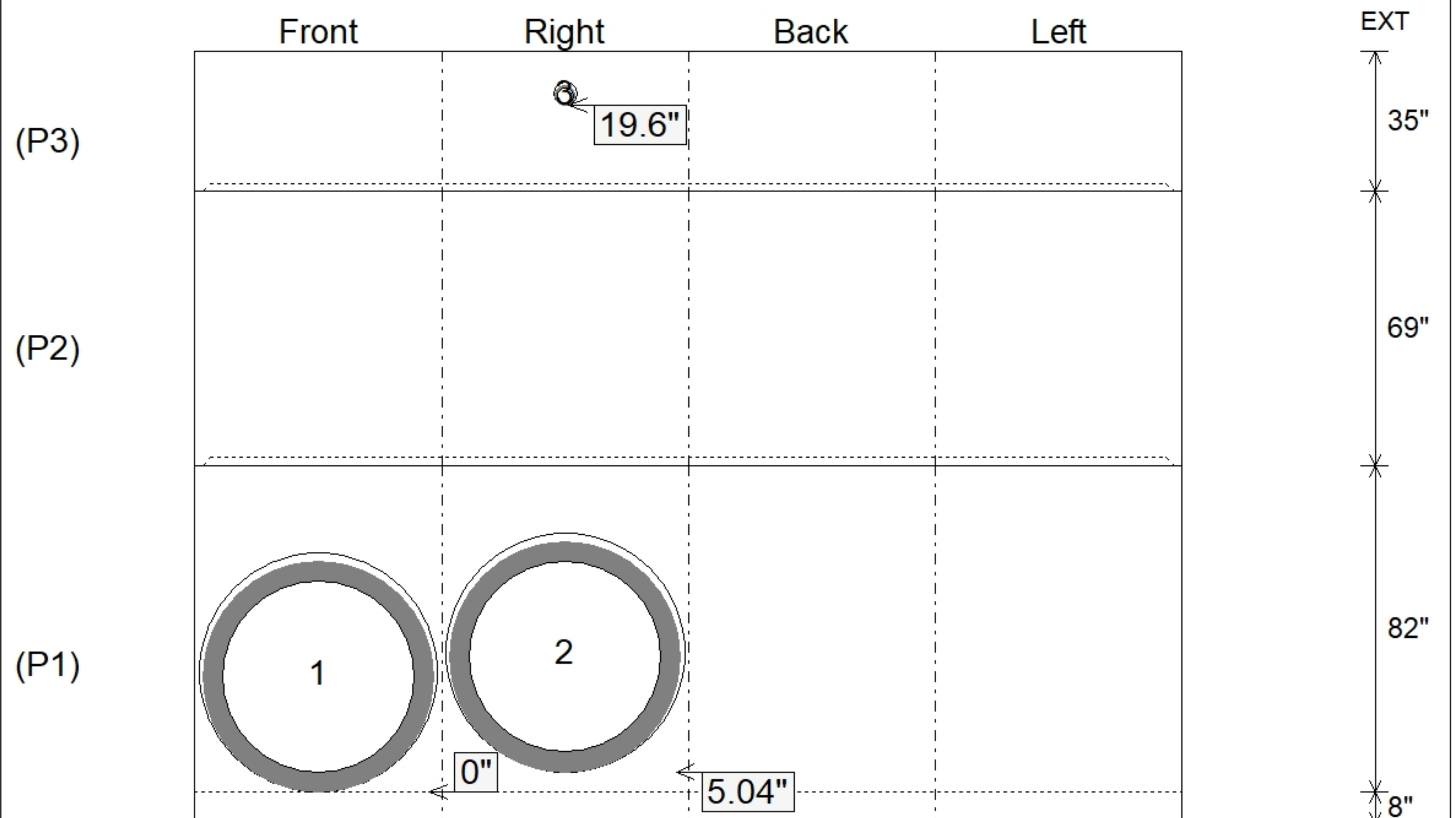
P5) 28" x 34" - CASTING HEIGHT - 7"	0 lb
P4) 62" x 62" - BX FLAT TOP 8"W - TDOT NO 12SC (28"x34" HOLE) F/F - 10"	4945 lb
P3) 62" x 62" - BOX RISER 8inW, Variable Ht F/G - 35"	6560 lb
P2) 62" x 62" - BOX RISER 8inW, Variable Ht T/G - 69"	12969 lb
P1) 62" x 62" - BOX BASE 8inW, 8inF, Variable Ht T/n - 82"	15701 lb
3) 62" x 62" - Conseal CS-102 1.00"	0 lb
1) 28" x 34" - Conseal CS-102 1.00"	0 lb
2) Hole - 60	0 lb
1) Hole - 6	0 lb
Structure Total:	40175 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	499.62'							
Reducer								
Invert 1	483.12'	0°	48" RCP B WALL	58"	60"	Hole 60	0"	P1
Invert 2	483.54'	90°	48" RCP B WALL	58"	60"	Hole 60	5.04"	P1
Invert 3	497.12'	90°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	19.6"	P3
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 2/26/2026 8:25:15 AM

SUBMITTAL
 APPROVED BY: