

Job Name: 25-1601 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-16**
 Spec: TDOT
 Type: CB TYPE 12S
 Size: 36" x 48"

Rim: 520.04'
 Invert: 515.52'
 Rim to Invert: 4.52'

Sump: 2.5"
 Floor (Top): 515.312'
 Floor Height: 8"

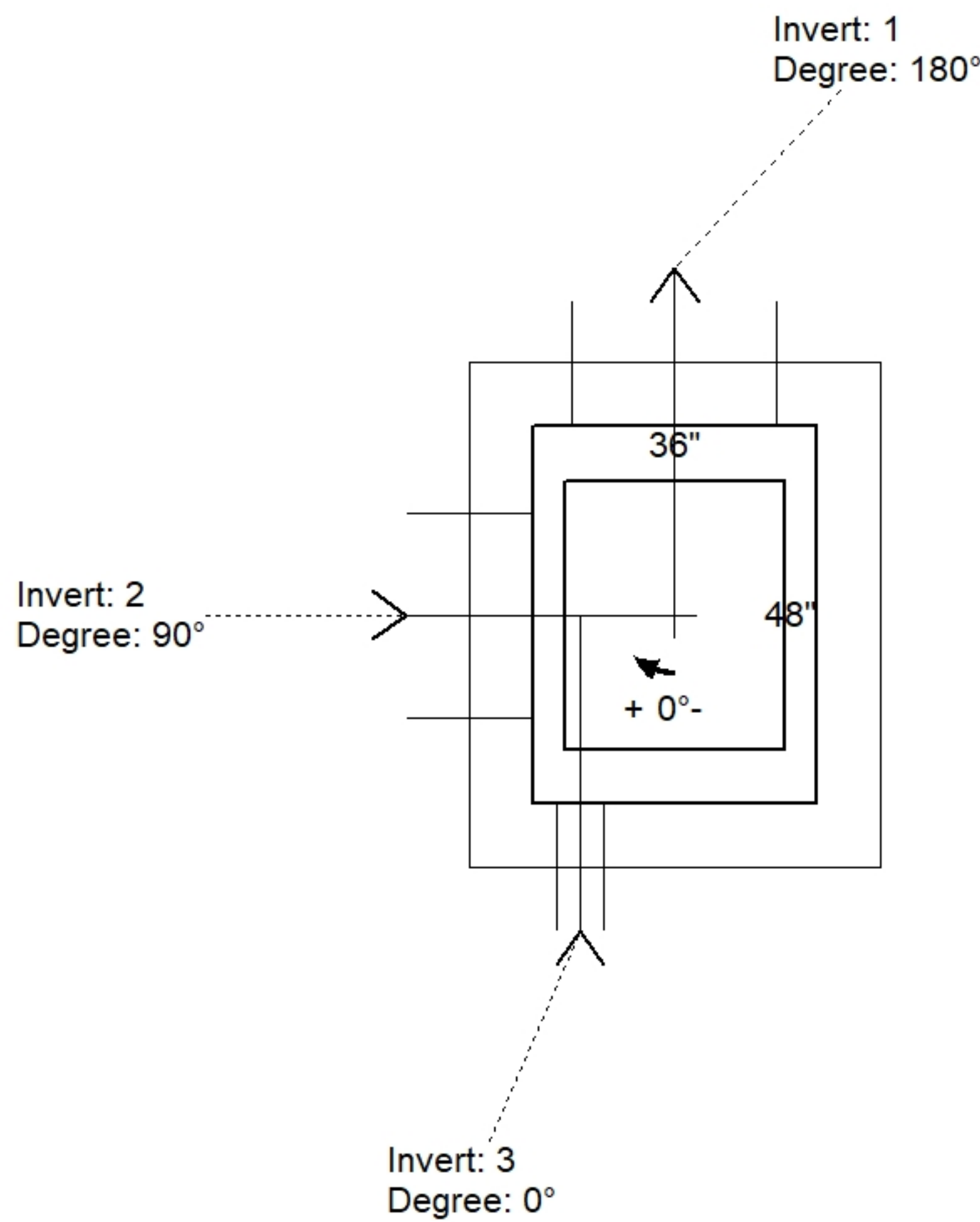
Floor (Bot): 514.645'
 Overall Height: 5.333'
 Slack: 0.74"

Structure Notes:

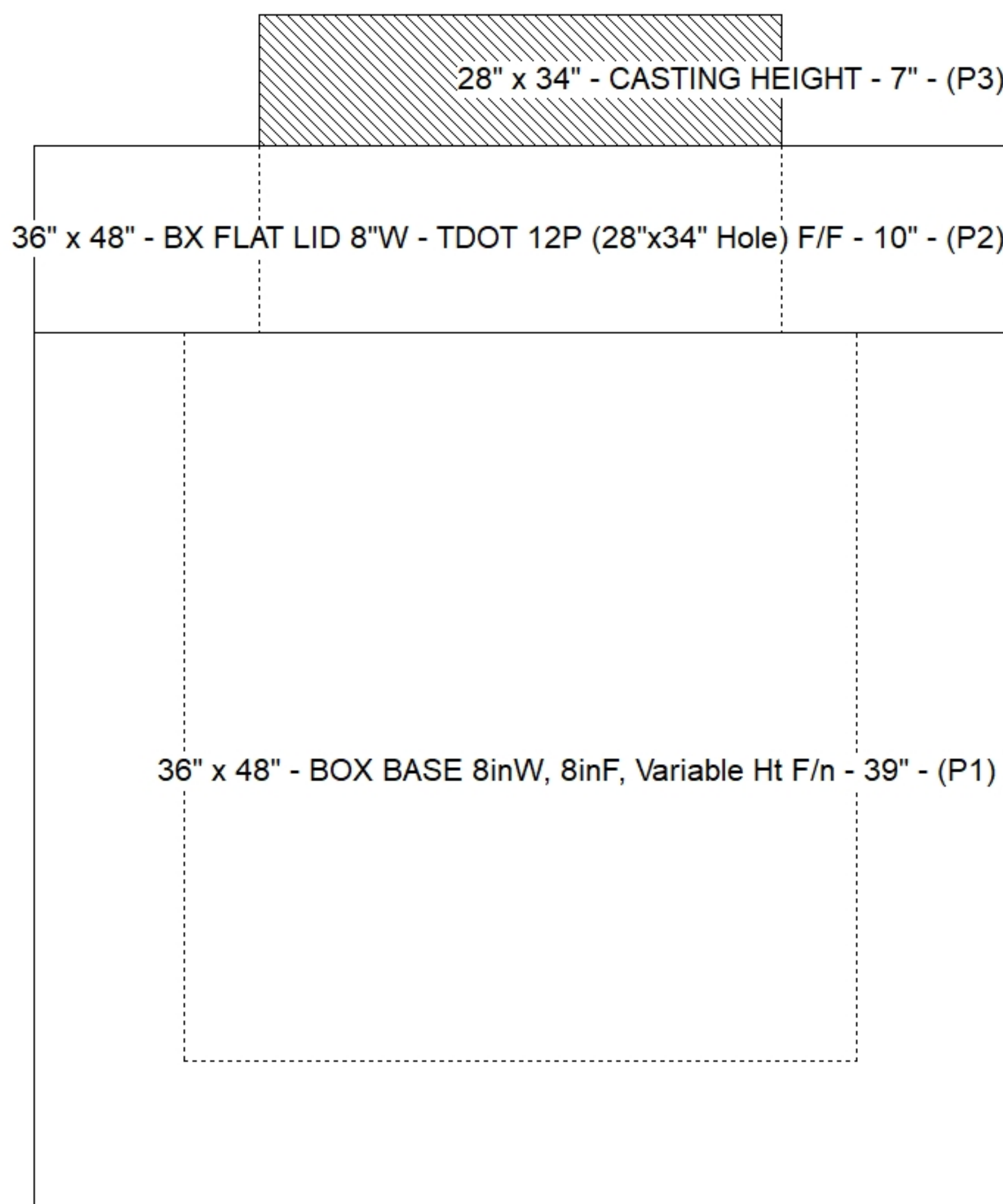
- PER TDOT D-CB-12S / ASTM C913 SPEC'S.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING BY OTHERS (TNDOT TY.12 - JBS-3123 MOD F/G/H).
- REINFORCING PER ASTM A615 (GRADE 60).
 ** SEE TDOT STD DRAWING D-CB-12S **
 - TOP SLAB - DBL MAT #5 BARS.
 - WALLS (As .47) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

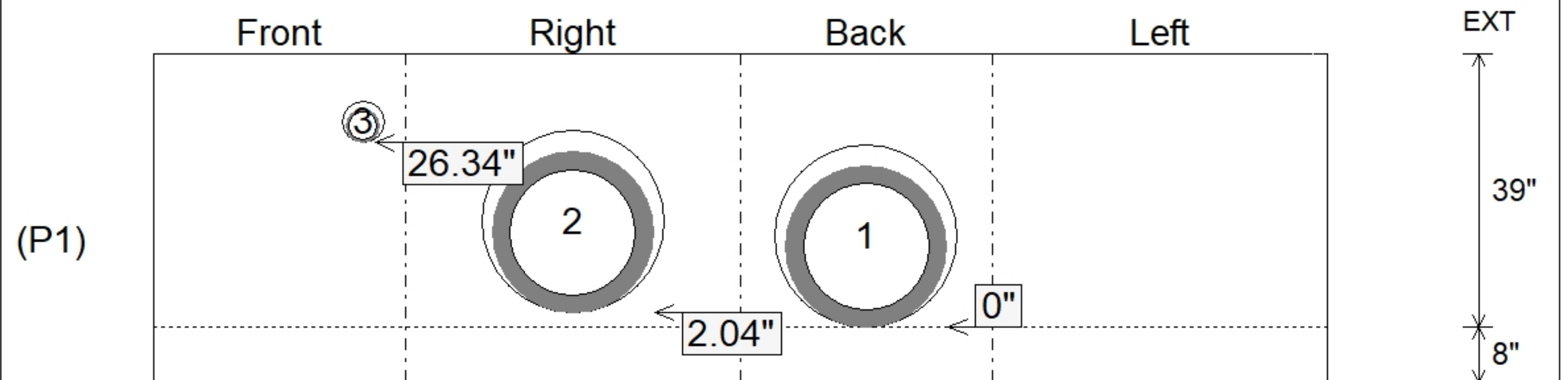
P3) 28" x 34" - CASTING HEIGHT - 7"	0 lb
P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) F/F - 10"	2044 lb
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"	6738 lb
1) 36" x 48" - Conseal CS-102 1.00"	0 lb
1) 28" x 34" - Conseal CS-102 1.00"	0 lb
2) Hole - 26	0 lb
1) Hole - 6	0 lb
Structure Total:	8782 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	520.04'							
Reducer								
Invert 1	515.52'	180°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	515.69'	90°	18" RCP B WALL	23"	26"	Hole 26	2.04"	P1
Invert 3	517.54'	0°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	26.34"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/20/2026 8:46:19 AM

SUBMITTAL
 APPROVED BY: