

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-20D**

Spec: TDOT

Type: CB TYPE 12S

Size: 36" x 48"

Rim: 509.52'

Invert: 505.47'

Rim to Invert: 4.05'

Sump: 2.5"

Floor (Top): 505.262'

Floor Height: 8"

Floor (Bot): 504.595'

Overall Height: 4.917'

Slack: 0.1"

Structure Notes:

1. PER TDOT D-CB-12S / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. 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.

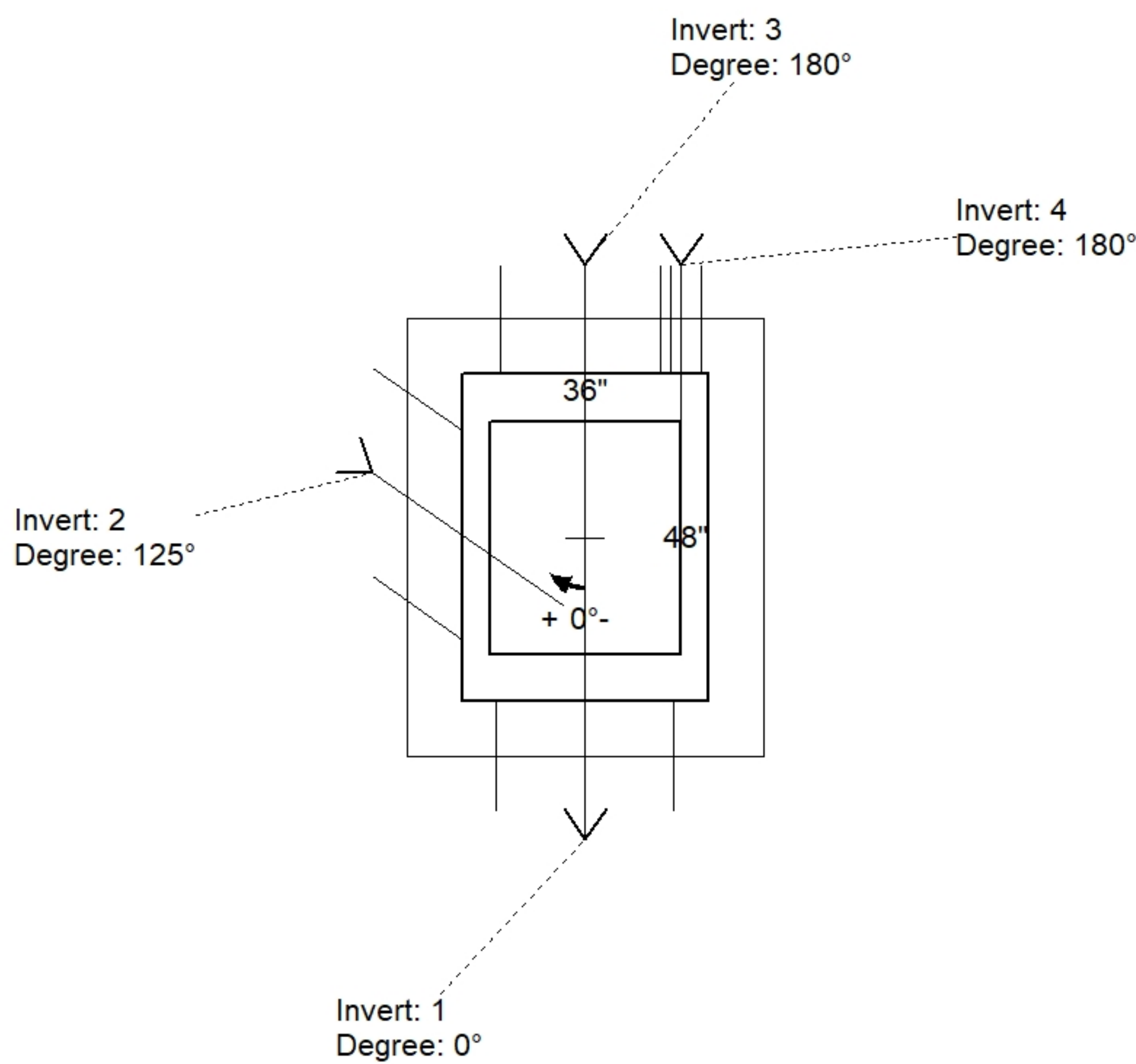
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

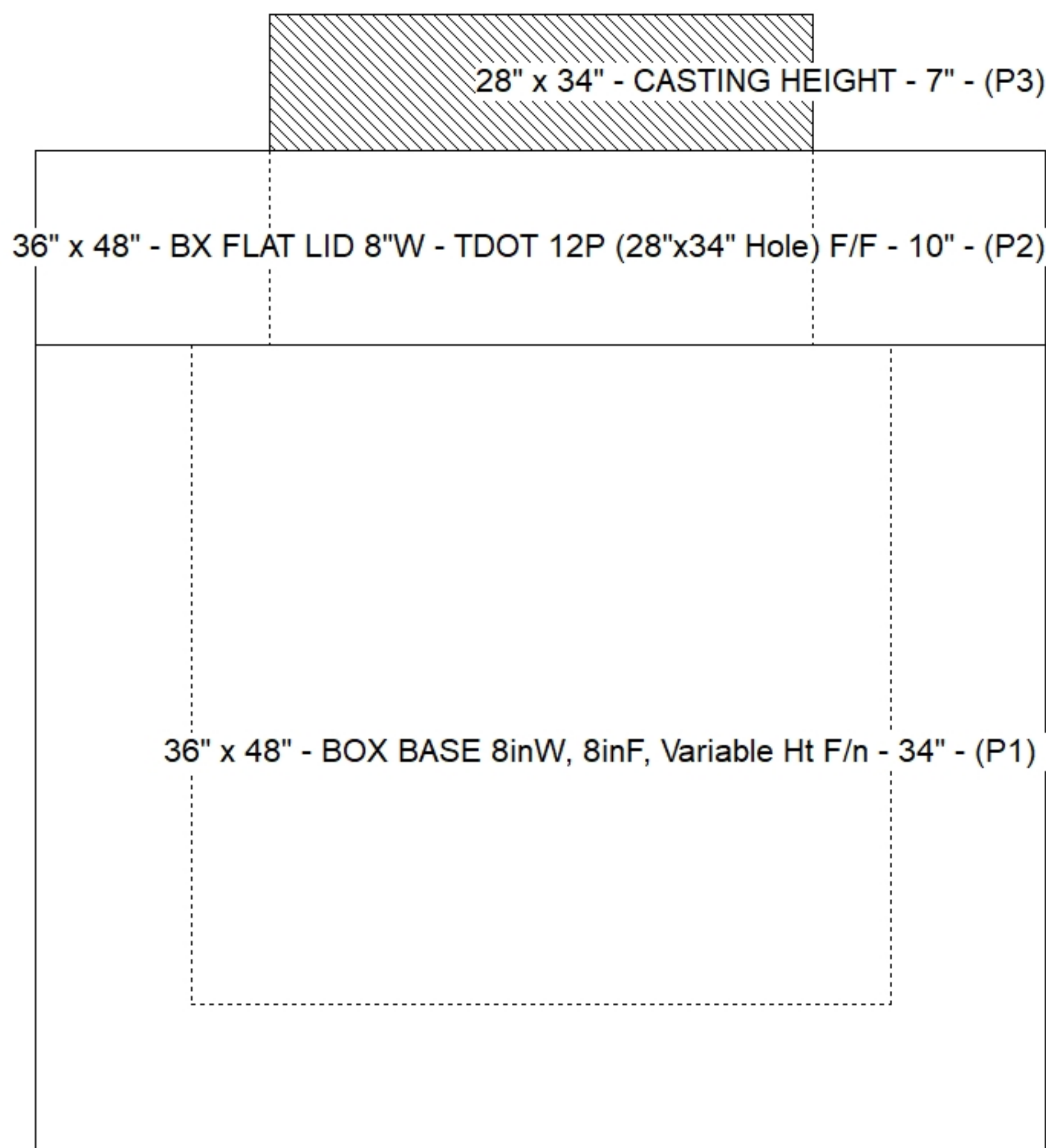
RFI - THE TWO INLET PIPE INLET ELEVATIONS HAVE BEEN LOWERED TO 505.55 FROM PLAN NOTED 505.64 TO ACHIEVE MIN REQ. CLEARANCE OVER PIPE OPENINGS.

STRUCTURE SUMMARY:

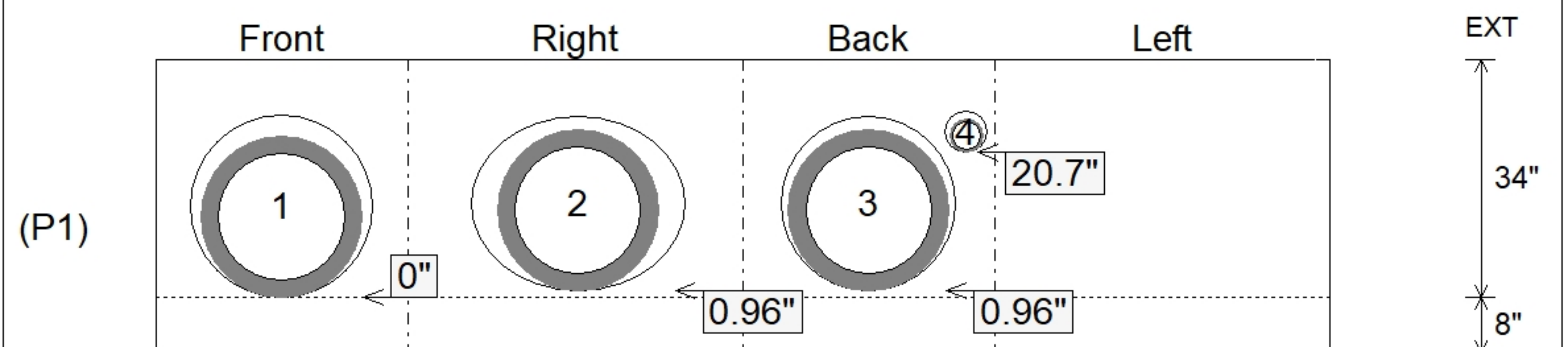
P3) 28" x 34" - CASTING HEIGHT - 7"	0 lb
P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) F/F - 10"	2044 lb
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 34"	5692 lb
1) 36" x 48" - Conseal CS-102 1.00"	0 lb
1) 28" x 34" - Conseal CS-102 1.00"	0 lb
1) Hole - 26	0 lb
2) Hole - 25	0 lb
1) Hole - 6	0 lb
Structure Total:	7735 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	509.52'							
Reducer								
Invert 1	505.47'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	505.55'	125°	18" RCP B WALL	23"	25"	Hole 25	0.96"	P1
Invert 3	505.55'	180°	18" RCP B WALL	23"	25"	Hole 25	0.96"	P1
Invert 4	507.02'	180°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	20.7"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
3/20/2026 8:46:21 AM

SUBMITTAL
APPROVED BY: