

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-20**

Spec: TDOT

Type: CB TYPE 14P

Size: 36" x 96"

Rim: 509.19'

Invert: 504.42'

Rim to Invert: 4.77'

Sump: 3"

Floor (Top): 504.17'

Floor Height: 6"

Floor (Bot): 503.67'

Overall Height: 5.5'

Slack: 0.24"

Structure Notes:

- PER TDOT D-CB-14P / ASTM C913 SPEC'S.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- CASTING BY OTHERS (TDOT TY.14 - JBS 3213 MOD F/G/H).

REINFORCING PER ASTM A615 (GRADE 60).

** PER TDOT STD DRAWING D-CB-14P **

- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .77) #5 BARS AT 5" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

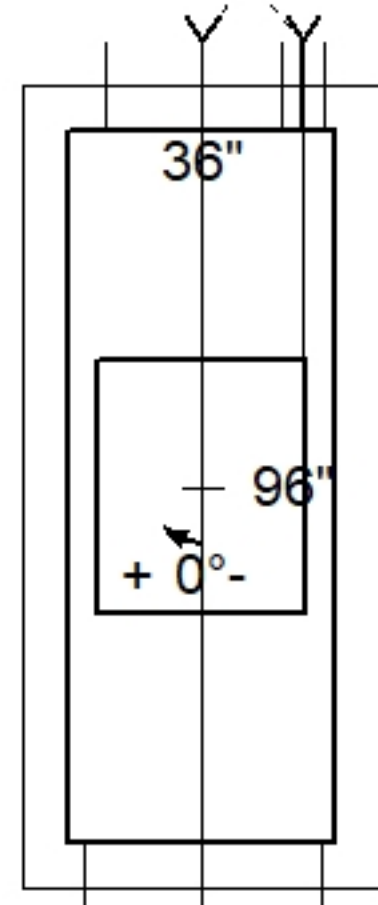
RFI - VERIFY REQ. PIPE SIZE BETWEEN CB'S 20 & 20C. PLAN VIEW NOTES 18", DRAINAGE TABLE SHOWS 24". ASSUMED 24" RCP.

STRUCTURE SUMMARY:

P3) 28" x 34" - CASTING HEIGHT - 7"	0 lb
P2) 36" x 96" - BX FLAT TOP 6"W - TDOT NO 14 (2-28"x34" HOLES) F/F - 10"	2752 lb
P1) 36" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 43"	8159 lb
1) 36" x 96" - Conseal CS-102 1.00"	0 lb
1) 28" x 34" - Conseal CS-102 1.00"	0 lb
1) Hole - 32	0 lb
1) Hole - 26	0 lb
1) Hole - 6	0 lb
Structure Total:	10911 lb

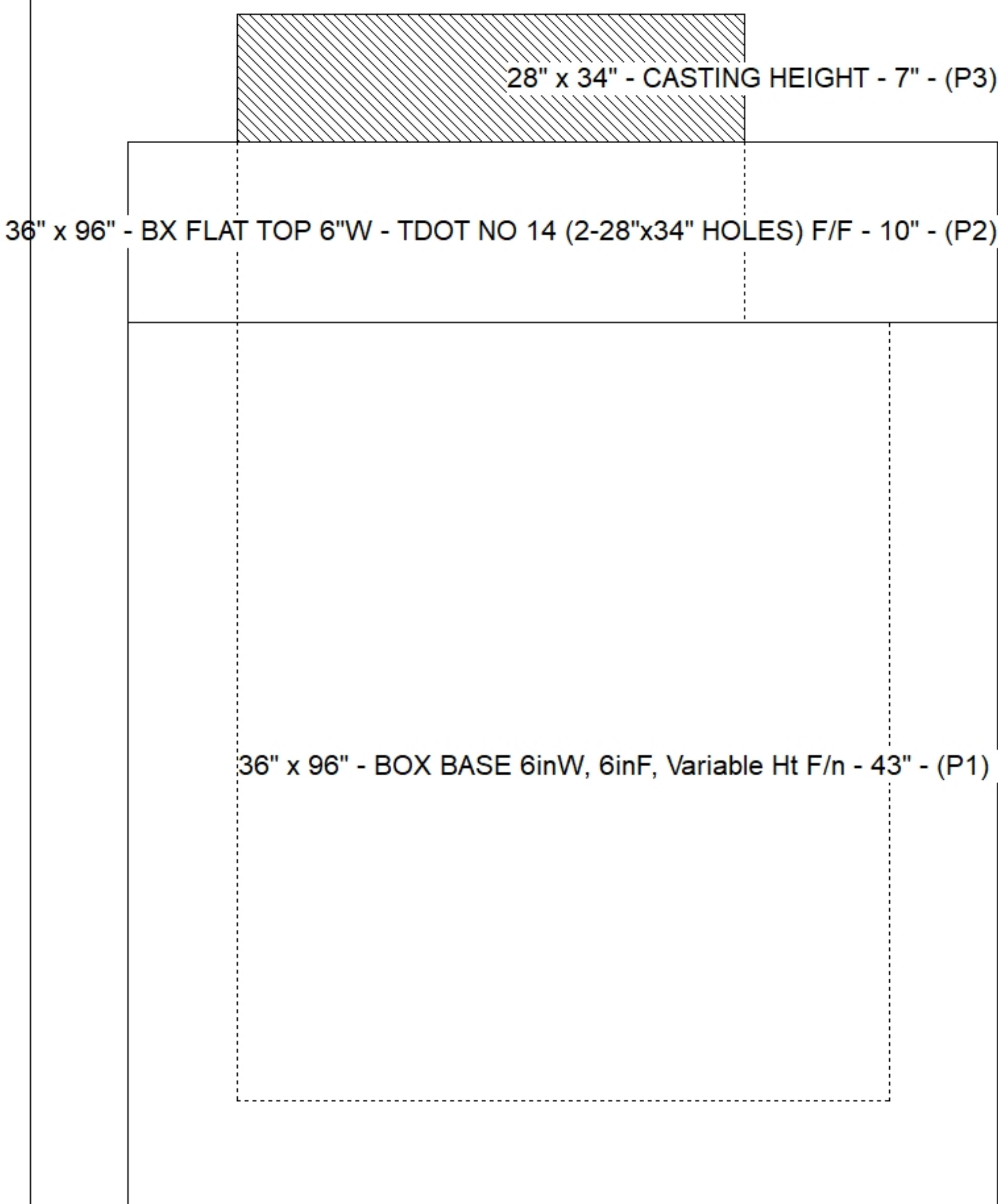
Invert: 3
Degree: 180°

Invert: 2
Degree: 180°

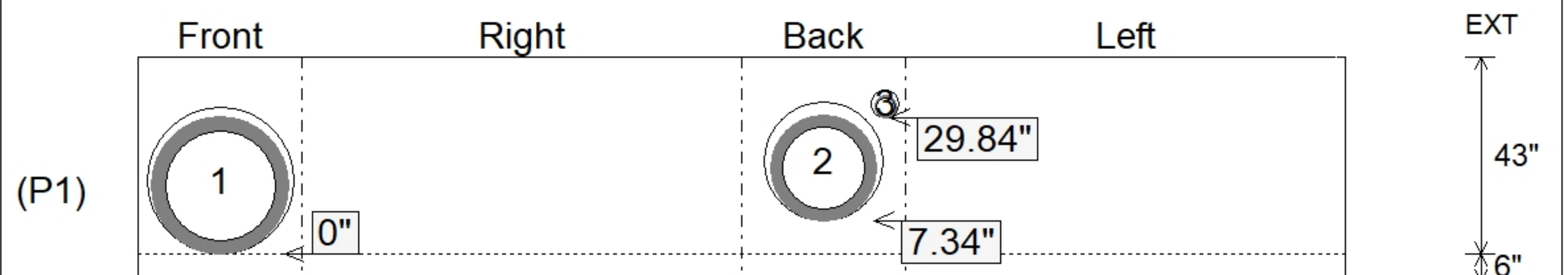


Invert: 1
Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	509.19'							
Reducer								
Invert 1	504.42'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	504.99'	180°	18" RCP B WALL	23"	26"	Hole 26	7.34"	P1
Invert 3	506.69'	180°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	29.84"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
3/20/2026 8:46:23 AM

SUBMITTAL
APPROVED BY: