Job Name: 25-1601 Spring Creek Parkway Phase 2 (Storm)
Job Location: Clarksville, TN
Contractor: Byard Construction, LLC

Plant: Beaver Dam
3/20/2026 8:46:46 AM

Tech: S. Felletter
PC: A. Chambers

Structure ID: CB-20D

P1 BX3648-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n

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

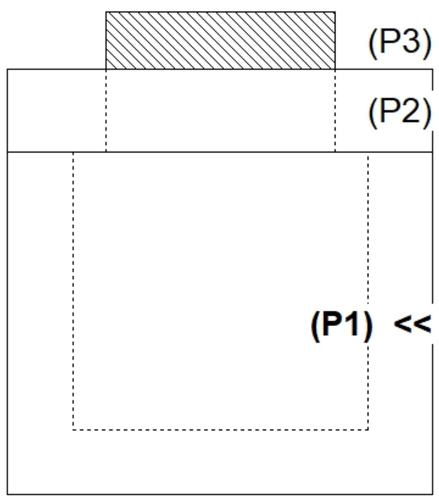
Structure Notes:
1. PER TDOT D-CB-12S / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS (TNDOT TY.12 - JBS 3123 MOD F/G/H).

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.

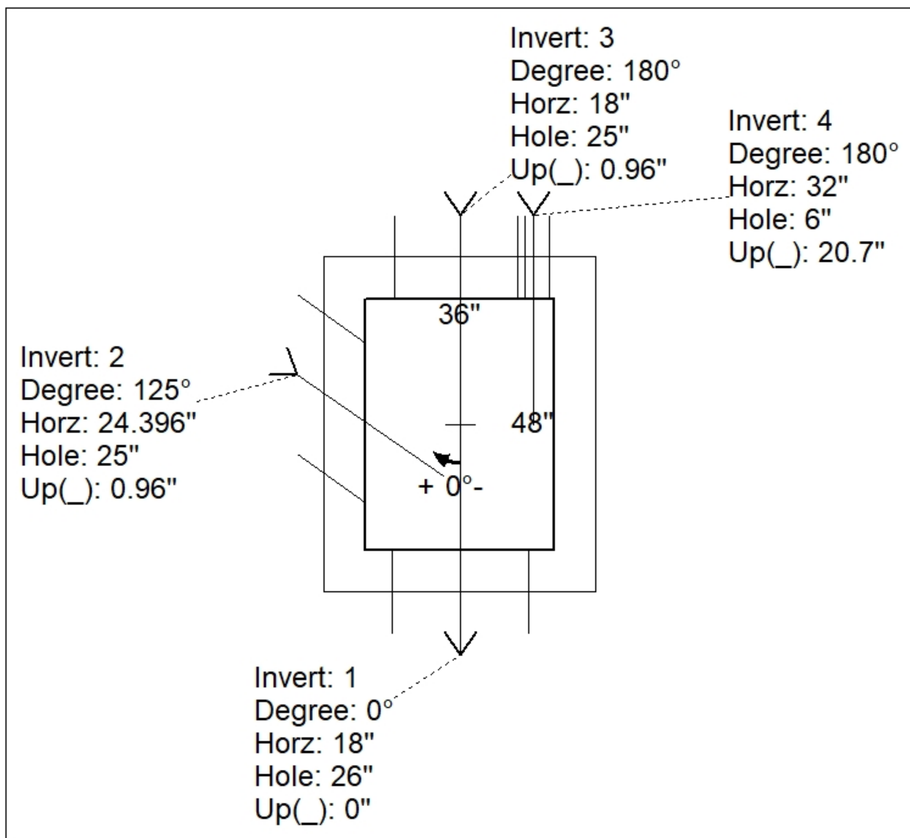
RFI - THE TWO INLET PIPE INLET ELEVATIONS HAVE BEEN LOWERED TO 505.55 FROM PLAN NOTED

Rim: 509.52' Rim to Invert: 4.05' Slack: 0.1" Sump: 2.5" Step Position:

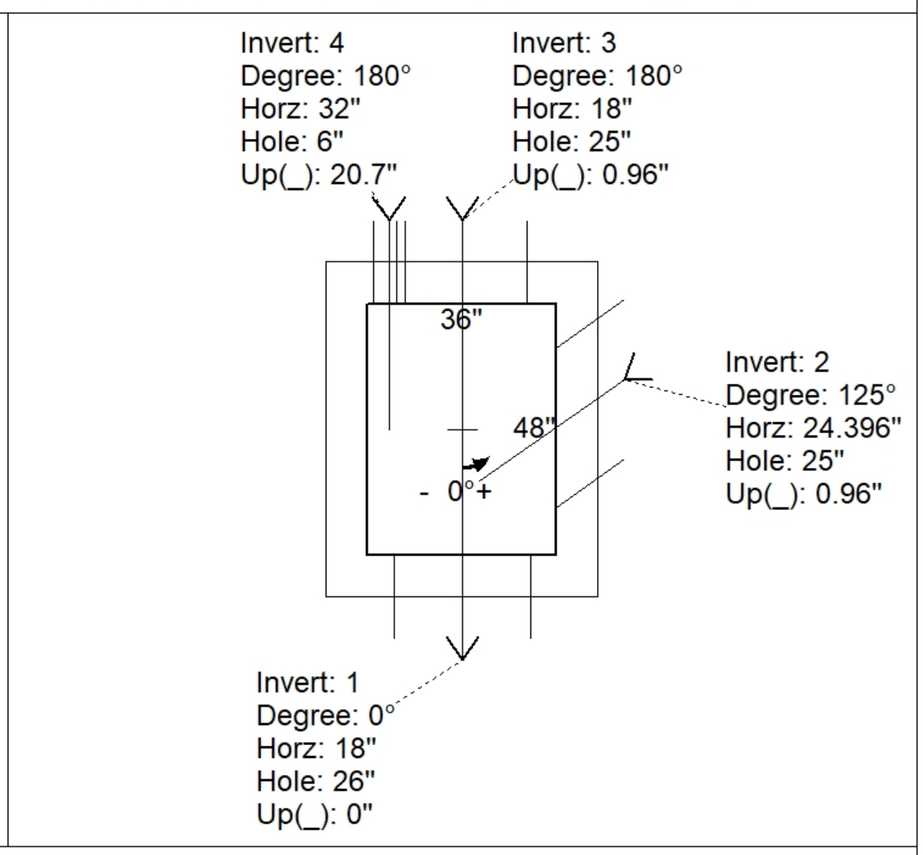
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	505.47'	0°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	505.55'	125°	37.998"	18" RCP B WALL	23"	Hole 25	25"	30.519"	0.96"	-10"
Invert 3	505.55'	180°	26"	18" RCP B WALL	23"	Hole 25	25"	25"	0.96"	0"
Invert 4	507.02'	180°	40"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	20.7"	14"
Invert 5										
Invert 6										
Invert 7										
Invert 8										



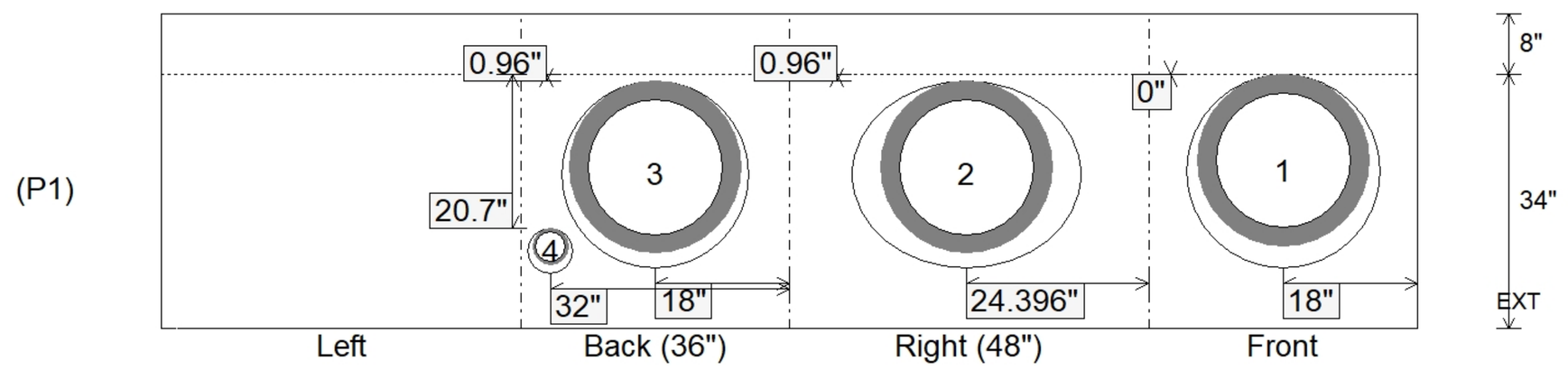
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 34" Height (Ext): 42"	Weight (Net): 5692 lb Volume (Net): 1.45cu.yd