

Job Name: 25-1145 - 7959 Poplar Creek
 Job Location: Nashville, TN 37221
 Contractor: Elite Constructors, Inc.

Plant: Beaver Dam, KY

Tech: K. Cardwell

11/17/2025 11:33:11 AM

PC: A. Chambers



Structure ID: B2

P1 BX3636-08BAVF

BOX BASE 8inW, 8inF, Variable Ht F/n

- P2) 36" x 36" - CASTING HEIGHT - 0"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 43"
- 1) CASTING - TRASHRACKS LFS-3636-P SQ. Flush Mount Grate
- 1) 36" x 36" - Conseal CS-102 1.00"
- 1) Hole - 32
- 1) Weir n/n - 10"x12"

0 lb
 6275 lb
 195 lb
 0 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 6470 lb

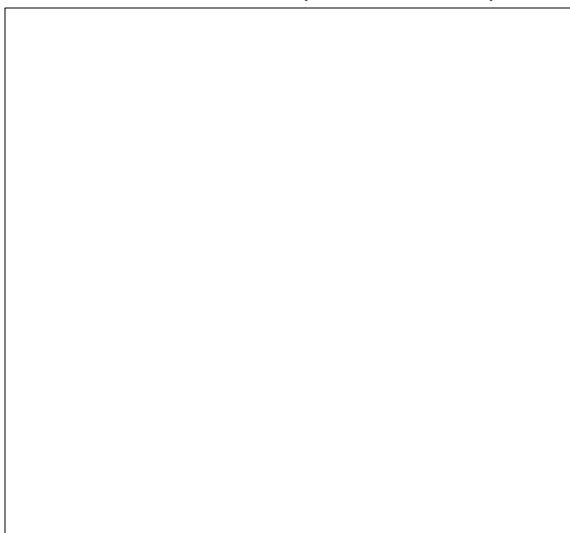
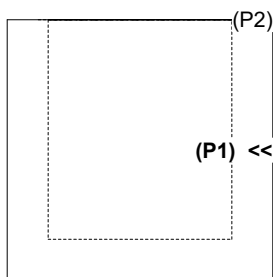
- Structure Notes:**
1. PER ASTM C-913 SPECS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. LFS-3636-P SQUARE FLUSH MOUNT GRATE SUPPLIED BY ICAST
 5. TRASH SCREEN / GRATE FOR 10" X 12" WEIR OPENING TO BE SUPPLIED BY OTHERS

Rim: 581.5' Rim to Invert: 3.6' Slack: 0.198" Sump: 0" Step Position:

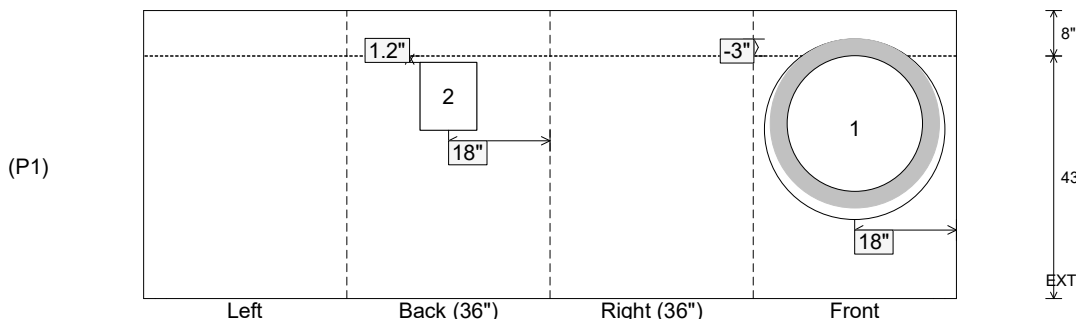
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	577.9'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 2	578'	180°	26"	10" x 12" Weir	10" x 12"	Weir 10"x12"	10" x 12"	10"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 43"
 Height (Ext): 51"

Weight (Net): 6275 lb
 Volume (Net): 1.6cu.yd