

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

PC: A. Chambers
 TECH: K. Cardwell
 Plant: Beaver Dam, KY



Structure ID: **B2**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 36" x 36"

Rim: 581.5'
 Invert: 577.9'
 Rim to Invert: 3.6'

Sump: 0"
 Floor (Top): 577.9'
 Floor Height: 8"

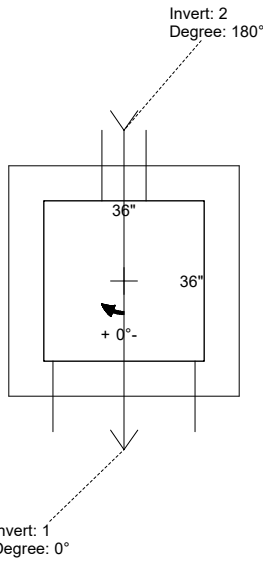
Floor (Bot): 577.233'
 Overall Height: 4.25'
 Slack: 0.198"

Structure Notes:

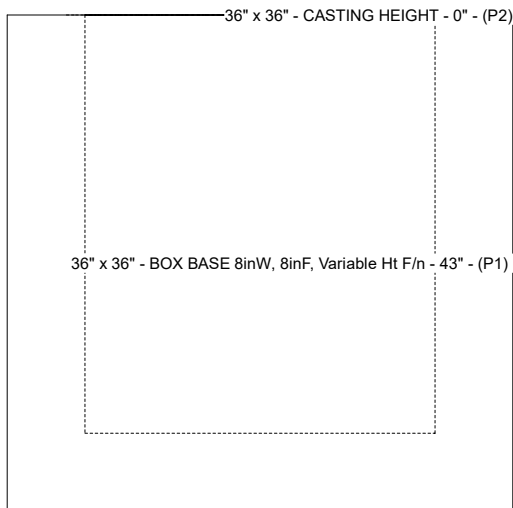
1. PER ASTM C-913 SPECS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. LFS-3636-P SQUARE FLUSH MOUNT GRATE SUPPLIED BY ICAST - ADVISE IF CASTING IS ACCEPTABLE
5. TRASH SCREEN / GRATE FOR 10" X 12" WEIR OPENING TO BE SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

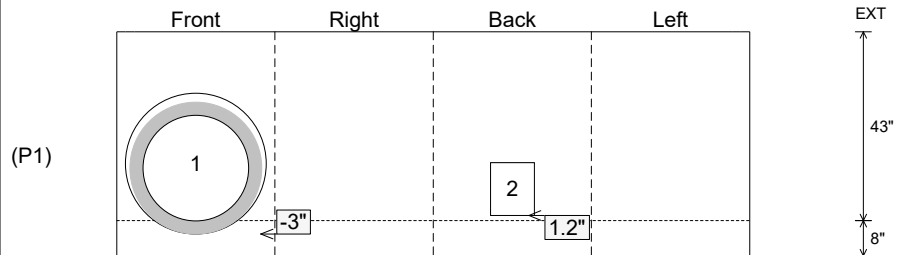
- P2) 36" x 36" - CASTING HEIGHT - 0" 0 lb
 P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 43" 6275 lb
 1) CASTING - TRASHRACKS LFS-3636-P SQ. Flush Mount Grate 195 lb
 1) 36" x 36" - Conseal CS-102 1.00" 0 lb
 1) Hole - 32 0 lb
 1) Weir n/n - 10"x12" 0 lb
- Structure Total: 6470 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	581.5'							
Reducer								
Invert 1	577.9'	0°	24" RCP B WALL	30"	32"	Hole 32	-3"	P1
Invert 2	578'	180°	10" x 12" Weir	10" x 12"	10" x 12"	Weir 10"x12"	1.2"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 11/17/2025 2:03:39 PM

SUBMITTAL
 APPROVED BY: