

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: **A3.1**

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 28" x 96"

Rim: 601.01'
 Invert: 597'
 Rim to Invert: 4.01'

Sump: 0"
 Floor (Top): 597"
 Floor Height: 6"

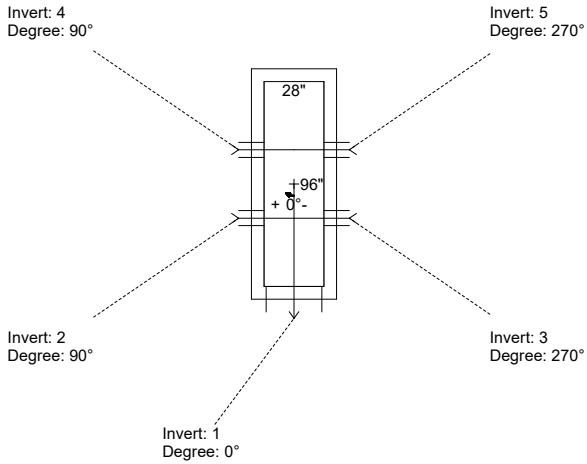
Floor (Bot): 596.5'
 Overall Height: 4.5'
 Slack: 0.12"

Structure Notes:

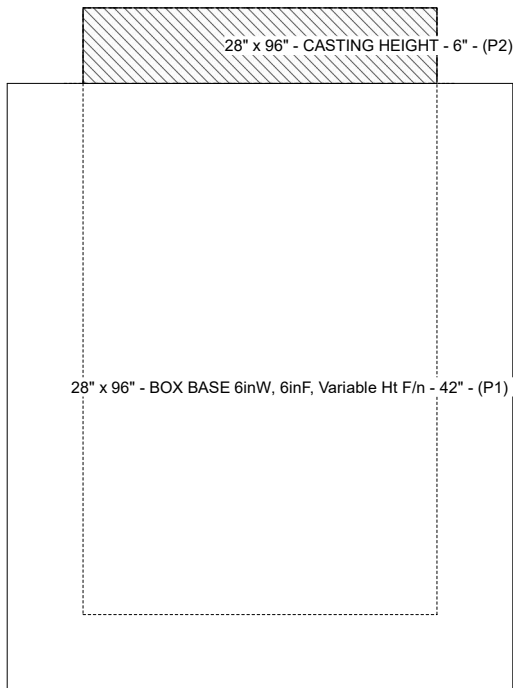
- STATION: 10+62.42
- 1. PER ASTM C-913 SPECS
- 2. CONCRETE: 4,500 PSI AT 28 DAYS
- 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60)
- 4. 3 EA. JBS 3101-V FRAMES, L-VANE GRATES, & CURB HOODS SUPPLIED BY ICAST
- 5. LINTEL BAR SLOTS OFFSET 16" FROM CENTER BOTH WAYS IN EACH LONG WALL REQUIRED (7" LONG X 1" DEEP X FULL WIDTH OF WALL)

STRUCTURE SUMMARY:

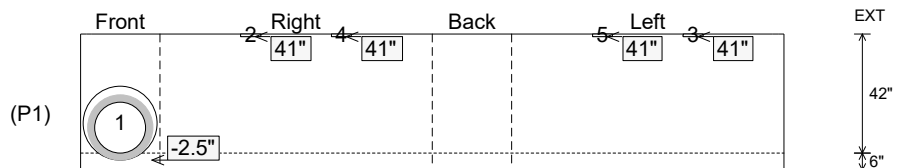
- P2) 28" x 96" - CASTING HEIGHT - 6" 0 lb
 - P1) 28" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 42" 7645 lb
 - 1) SECONDARY POUR 0 lb
 - 1) CASTING - JBS 3101V Triple Set (F/G/H) 1857 lb
 - 1) 28" x 96" - Conseal CS-102 1.00" 0 lb
 - 1) Hole - 26 0 lb
 - 4) LINTEL BAR SLOT n/n - 7"x1" 0 lb
- Structure Total: 9502 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (↓)	Ref
Rim	601.01'							
Reducer								
Invert 1	597'	0°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 2	600.416'	90°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	41"	P1
Invert 3	600.416'	270°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	41"	P1
Invert 4	600.416'	90°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	41"	P1
Invert 5	600.416'	270°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	41"	P1
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 11/17/2025 2:03:19 PM

SUBMITTAL
 APPROVED BY: