

Job Name: 25-3264 - Sam Ridley Parkway Roadway Improvements
Job Location: Smyrna, TN
Contractor: Capital City Construction Services LLC

PC: A. Chambers
 TECH: J. Horsley - F
 Plant: 100



Structure ID: **CB-07**
 Spec: TDOT
 Type: CB TYPE 16S
 Size: 48" x 96"

Rim: 593.84'
 Invert: 587.81'
 Rim to Invert: 6.03'

Sump: 4"
 Floor (Top): 587.477'
 Floor Height: 8"

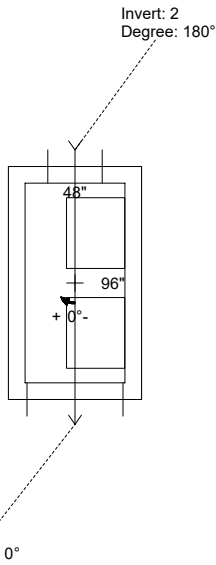
Floor (Bot): 586.81'
 Overall Height: 7"
 Slack: 0.36"

Structure Notes:

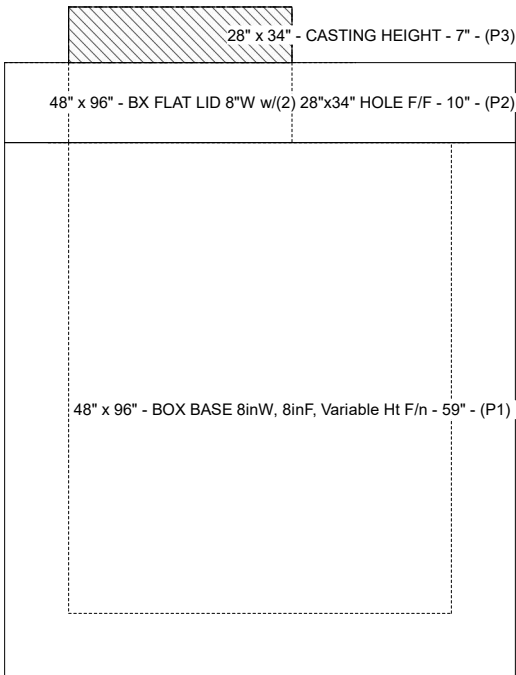
- PER TDOT STANDARD DRAWING D-CB-16S & ASTM C-913 SPECS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT: PER TDOT & ASTM A615 SPECS
- NO STEPS
- NO INVERT CHANNEL
- CASTING BY ICAST (JBS 3123-16 MOD. DOUBLE SET)

STRUCTURE SUMMARY:

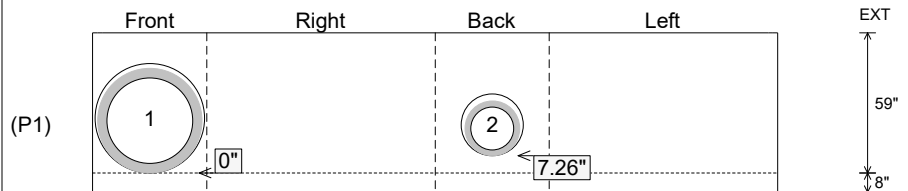
- P3) 28" x 34" - CASTING HEIGHT - 7" 0 lb
- P2) 48" x 96" - BX FLAT LID 8"W w/(2) 28"x34" HOLE F/F - 10" 4780 lb
- P1) 48" x 96" - BOX BASE 8inW, 8inF, Variable Ht F/n - 59" 16014 lb
- 1) SECONDARY POUR 0 lb
- 1) CASTING - JBS 3123-16 Mod. Double Set 250 lb
- 1) 48" x 96" - Conseal CS-102 1.00" 0 lb
- 1) 28" x 34" - Conseal CS-102 1.00" 0 lb
- 1) Hole - 46 0 lb
- 1) Hole - 26 0 lb
- Structure Total: 21044 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	593.84'							
Reducer								
Invert 1	587.81'	0°	36" RCP B WALL	44"	46"	Hole 46	0"	P1
Invert 2	588.29'	180°	18" RCP B WALL	23"	26"	Hole 26	7.26"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/16/2025 7:55:06 AM

SUBMITTAL
 APPROVED BY: