

Job Name: 26-1580 Airline Road Intersection
Job Location: Arlington,TN
Contractor: Madden Phillips Construction

PC: Trevor Lewis
 TECH: Jared - A
 Plant: 100



Structure ID: CB-1

Spec: TDOT
 Type: CB TYPE 12RA
 Size: 48"

Rim: 326.59'
 Invert: 317.33'
 Rim to Invert: 9.26'

Sump: 2.5"
 Floor (Top): 317.122'
 Floor Height: 6"

Floor (Bot): 316.622'
 Overall Height: 9.917'
 Slack: 0.62"

Structure Notes:

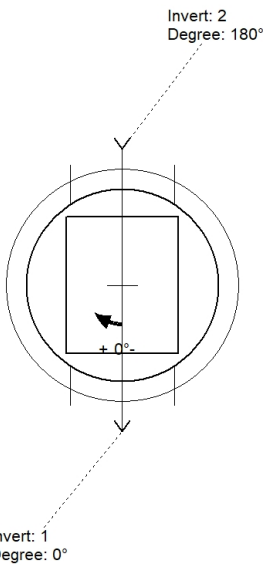
- TDOT PROJECT: PIN# 131079.00
 1. JBS 3123 MODIFIED SET PROVIDED BY ICAST.
 2. PER TDOT D-CB-12RA / ASTM C478 SPEC'S.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. NO INVERT CHANNEL.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 ** PER TDOT STD DRAWING D-CB-12RA **
 - TOP SLAB - DBL MAT #5 BARS.
 - RISER (As .24)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

STRUCTURE SUMMARY:

- P4) 28" x 34" - CASTING HEIGHT - 7"
 P3) 48" - MH FLAT TOP - TDOT NO 12 (28"x34" Hole) F/F - 10"
 P2) 48" - MH RISER NO TONGUE/NO STEP F/G - 48"
 P1) 48" - MH BASE Custom Ht T/n - 48"
 1) CASTING - JBS 3123 MODIFIED SET
 2) 48" - SGL 1"x14.5' Butyl (2x)
 2) Hole - 26

0 lb
 1497 lb
 3353 lb
 4217 lb
 250 lb
 0 lb
 0 lb

Structure Total: 9317 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	326.59'							
Reducer								
Invert 1	317.33'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	317.33'	180°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

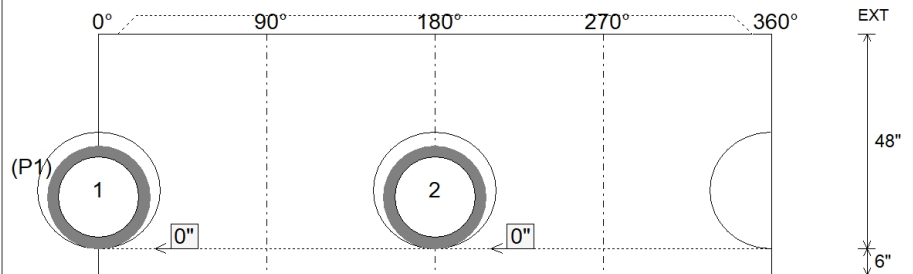
28" x 34" - CASTING HEIGHT - 7" - (P4)

48" - MH FLAT TOP - TDOT NO 12 (28"x34" Hole) F/F - 10" - (P3)

48" - MH RISER NO TONGUE/NO STEP F/G - 48" - (P2)

48" - MH BASE Custom Ht T/n - 48" - (P1)

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 8/31/2026 10:40:43 AM

SUBMITTAL
 APPROVED BY: