

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

Plant: 100

8/31/2026 10:41:40 AM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: CB-1

P3 MH048LD10SP

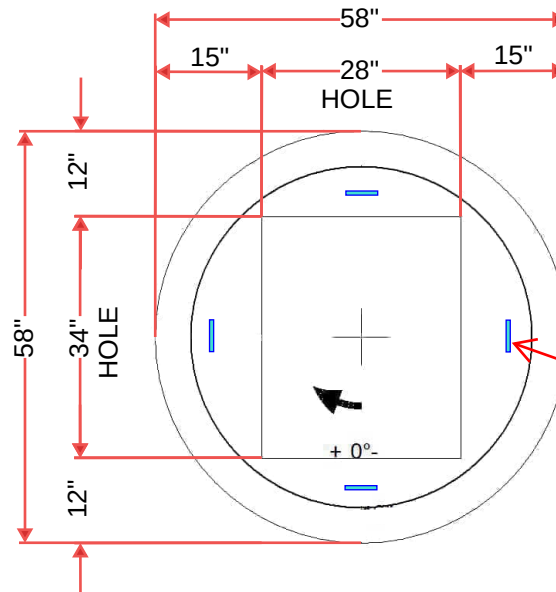
MH FLAT TOP - TDOT NO 12 (28"x34" Hole) F/F

- 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

Structure Notes:

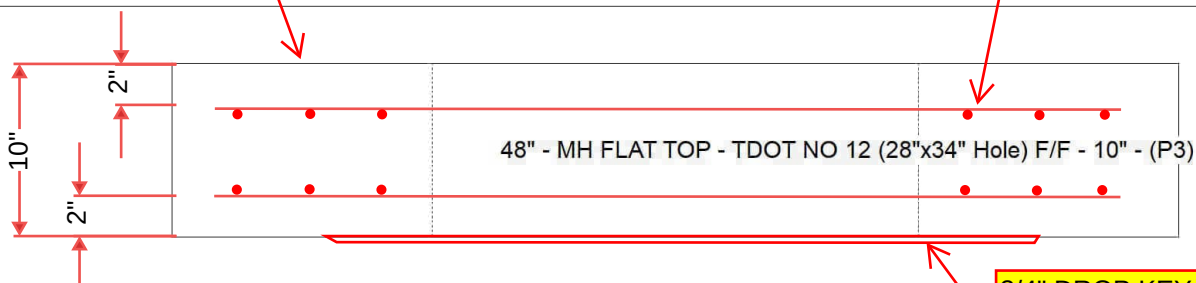
- TDOT PROJECT: PIN# 131079.00
1. JBS 3123 MODIFIED SET PROVIDED BY ICAST.
2. PER TDOT D-CB-12RA / ASTM C478 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).
**** PER TDOT STD DRAWING D-CB-12RA ****
- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .24)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



4 EA. WRA016 CONAC
WIRE ROPE ANCHORS

FLOAT FINISH
ON TOP SURFACE

REINFORCING =
DOUBLE MAT # 5 BARS
SEE TDOT STANDARD
DRAWING DWG D-CB-12RA
FOR SPACING



3/4" DROP KEY

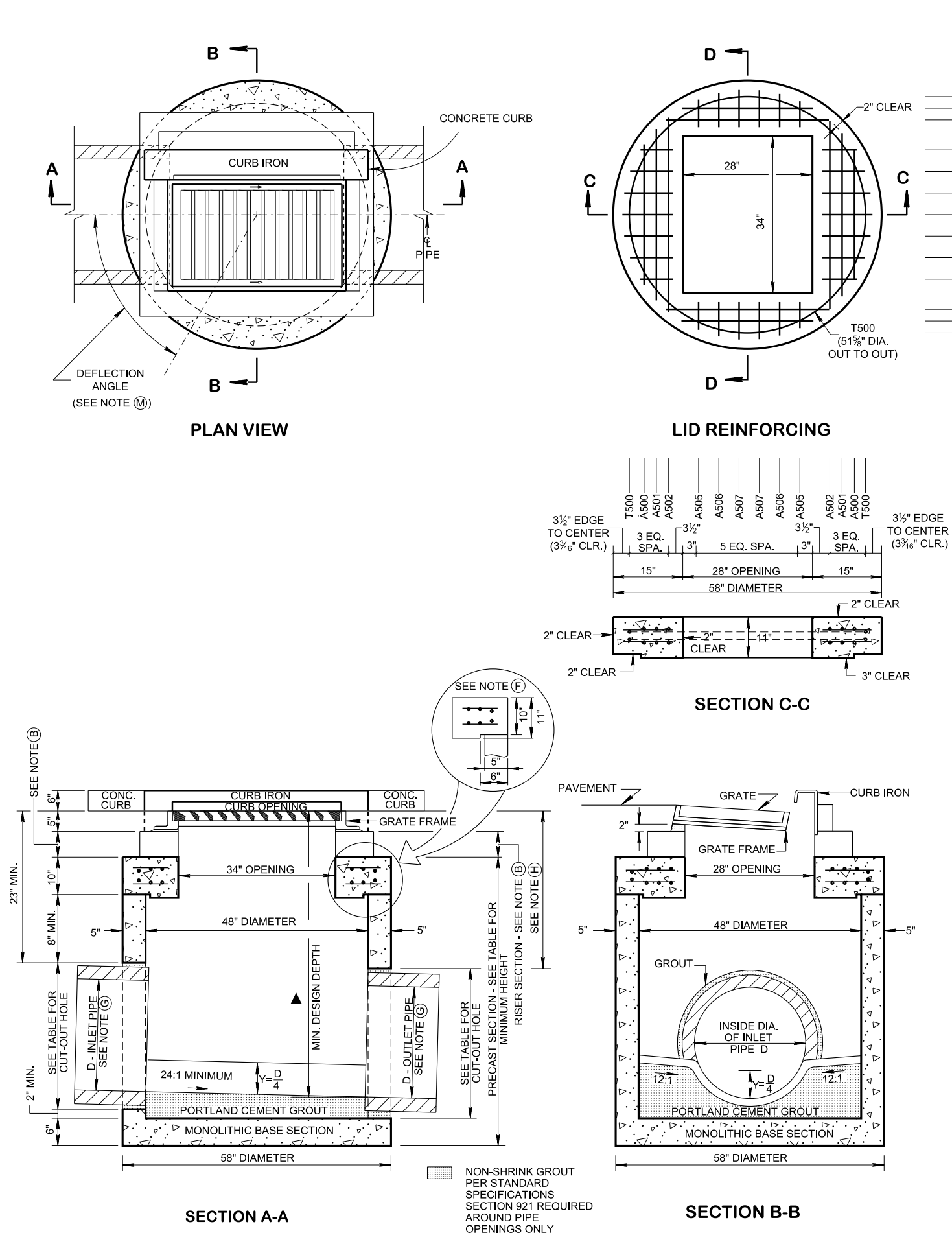
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 10"

Weight (Net): 1497 lb
Volume (Net): 0.38cu.yd



REV. 12-18-95: CHANGED BASE THICKNESS AND VERTICAL DEPTH REQUIREMENTS. ADDED HANDLING AND CUT-OUT HOLE NOTES.

REV. 12-18-96: REMOVED 0.5" PREMOLDED FIBER EXPANSION JOINT FROM SECTION "B-B". REMOVED OLD GENERAL NOTE (F). CHANGED LABEL OF LAST FOUR GENERAL NOTES.

REV. 4-15-97: CHANGED CATCH BASIN DIMENSION TABLE.

REV. 1-19-99: CHANGED MINIMUM DEPTH TABLE AND DRAWING IN GENERAL TO REFLECT REDUCTION IN INVERT DROP ACROSS CATCH BASIN.

REV. 12-18-99: MODIFIED CATCH BASIN DIMENSION TABLE.

REV. 5-27-01: CHANGED PAY ITEMS IN GENERAL NOTE (I). ADDED CATCH BASIN MAXIMUM DEPTH NOTE.

REV. 8-01-12: REVISED CATCH BASIN LID FOR COMPLIANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4TH EDITION WITH INTERIMS. REVISED REINFORCING, GENERAL NOTES AND ADDITIONAL MISC. DRAFTING EDITS.

REV. 9-24-12: MODIFIED TOP SLAB AND MINIMUM DEPTH.

REV. 3-11-14: ELIMINATED STIRRUPS.

REV. 05-15-18: REVISED CATCH BASIN MINIMUM DESIGN DEPTH VALUES. CORRECTED STANDARD SPECIFICATIONS SECTION NUMBER TO 921 FOR NON-SHRINK GROUT. ADDED DIMENSION IN SECTION VIEW A-A FOR NOTE (B). CORRECTED REBAR PLACEMENT IN LIDS. ADDED DIMENSION IN SECTION VIEW A-A FOR MINIMUM DESIGN DEPTH. CHANGED TO "VERTICAL CURB" FROM "NONMOUNTABLE CURB". ADJUSTED BOX SECTION MINIMUM HEIGHTS.

REV. 02-20-2020: REDREW SHEET.

REV. 01-28-2022: DEFLECTION ANGLE NOTE ON PLAN VIEW, AND GENERAL NOTES (L) AND (M) WERE ADDED.

APPROVED BY FHWA
(ALL OTHERS APPROVED BY TDOT)

STATE OF TENNESSEE
STANDARD
DRAWING
DEPARTMENT OF TRANSPORTATION
STANDARD PRECAST
48" CIRCULAR NO.12
CATCH BASIN
FOR USE WITH 6"
VERTICAL CURB