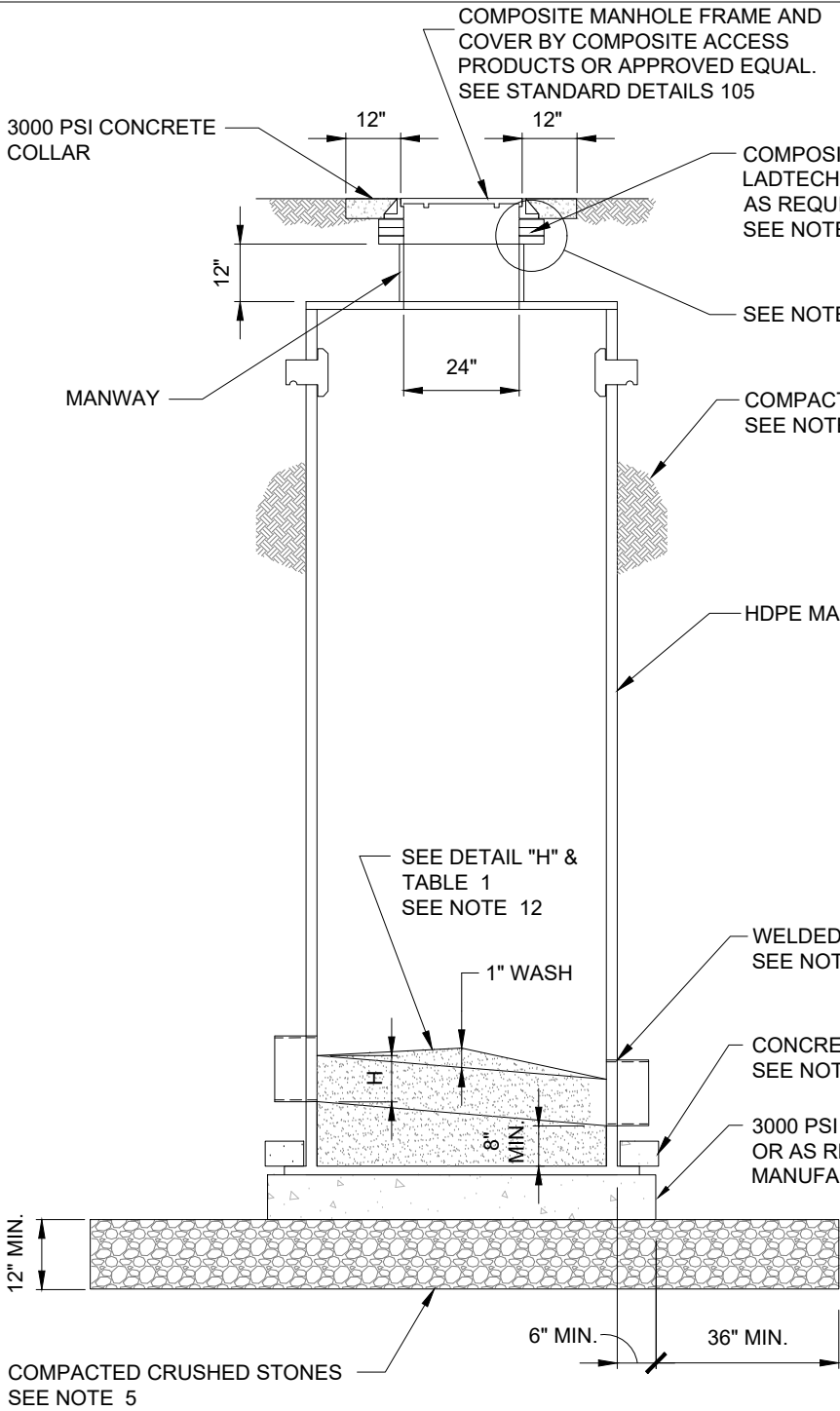
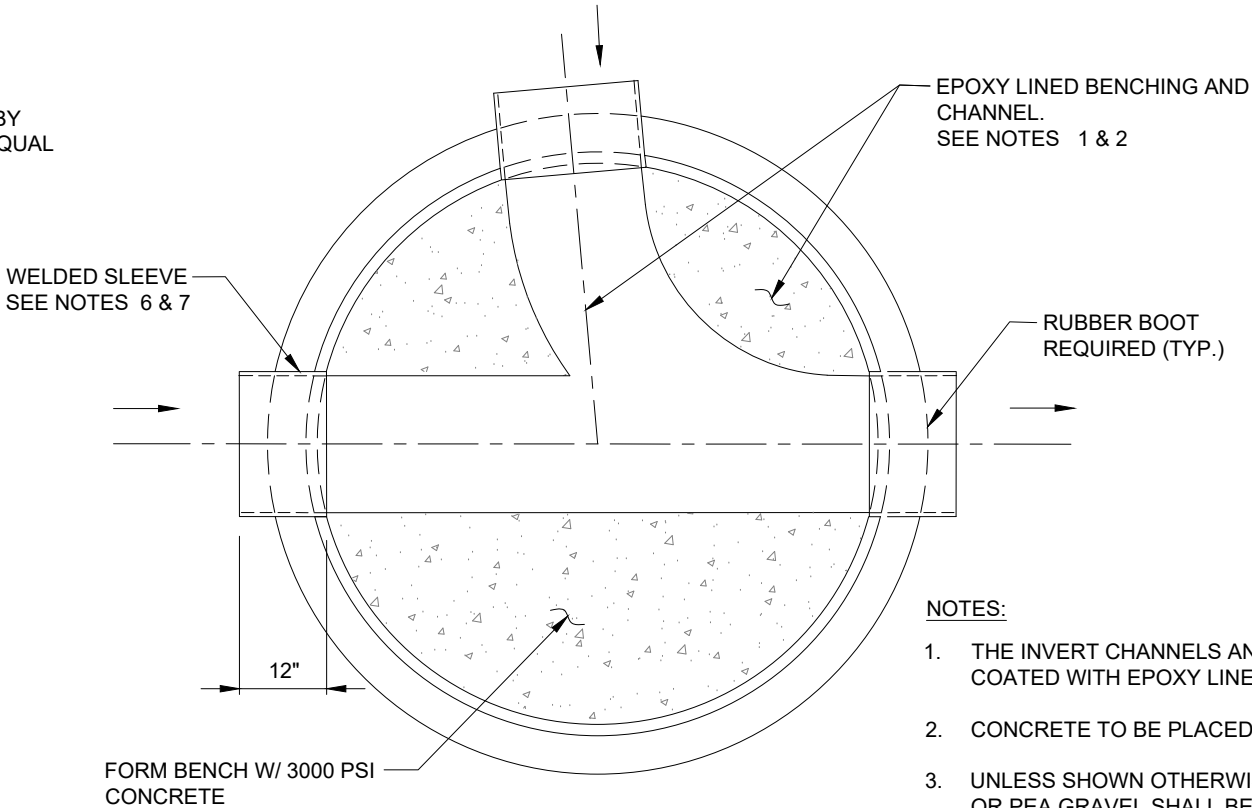


114A - Standard Sewer Manholes- Non-Traffic.dwg March 17, 2026 - 1:20pm

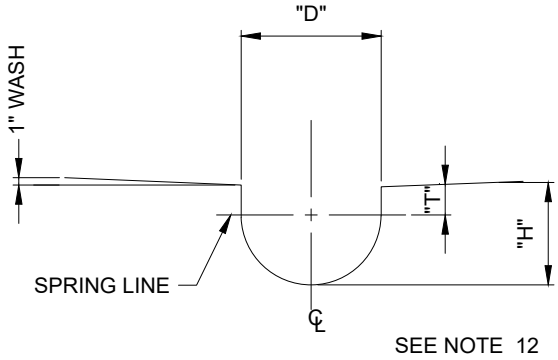


SECTIONAL VIEW
N.T.S.



BASE PLAN VIEW
N.T.S.

TABLE 1		
"D"	"T"	"H"
INSIDE DIA. PIPE (IN.)	VERTICAL TANGENT (IN.)	HEIGHT OF WATER TABLE (IN.)
8	2 1/2	6 1/2
10	3	8
12	3 1/2	9 1/2
15	4 1/2	12
18	5 1/2	14 1/2
21	6 1/2	17
24	7 1/2	19 1/2
27	8	21 1/2
30	9	24
33	10	26 1/2
36	11	29



DETAIL "H"
NTS

NOTES:

1. THE INVERT CHANNELS AND BENCH SHALL BE FORMED USING 3,000 PSI CONCRETE AND COATED WITH EPOXY LINER.
2. CONCRETE TO BE PLACED IN MANHOLE AFTER THE MANHOLE HAS BEEN SET IN PLACE.
3. UNLESS SHOWN OTHERWISE ON DRAWINGS AND APPROVED BY FCPW, SAND CRUSHED STONE, OR PEA GRAVEL SHALL BE USED FOR BACKFILL AROUND THE MANHOLE FOR A MINIMUM DISTANCE OF 3.5 FEET FROM THE OUTSIDE SURFACE AND EXTENDING THE FULL HEIGHT OF THE MANHOLE.
4. BACKFILL SHALL BE PLACED IN LAYERS OF NOT MORE THAN 12 LOOSE MEASURE INCHES AND COMPACTED TO A MINIMUM OF 90% STANDARD PROCTOR DENSITY OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
5. A MINIMUM OF 12 INCHES IN DEPTH OR MORE OF GAB OR #57 STONE BEDDING COMPACTED TO 95% MAXIMUM DRY DENSITY OR GREATER IS REQUIRED UNDER THE MANHOLE. THIS BEDDING SHOULD EXTEND A MINIMUM OF 36-INCHES OUTSIDE THE MANHOLE.
6. ALTERNATE MEANS OF PIPE PENETRATIONS AND CONNECTIONS MAY BE USED AS RECOMMENDED BY MANHOLE MANUFACTURER AND APPROVED BY FCPW.
7. ALL HDPE TO HDPE SURFACES MUST BE FULL PENETRATION EXTRUSION WELDS UNLESS OTHERWISE SPECIFIED.
8. PROVIDE AN ANCHOR CONNECTION RING TO BE USED IN CONNECTION WITH A CONCRETE BALLAST.
9. CONCRETE BALLAST REQUIREMENTS SHALL BE AS DETERMINED BY DESIGN ENGINEER AND AS APPROVED BY FCPW.
10. RISER RINGS SHALL HAVE A CLEAR OPENING EQUAL OR LESS THAN THE OPENING OF THE FRAME.
11. APPLY A 3/8-INCH BEAD OF BUTYL RUBBER SEALANT BETWEEN THE FOLLOWING CONTACTING SURFACES:
 - MANHOLE FRAME AND RISER RINGS
 - RISER RINGS
 - RISER RING AND HDPE MANWAY
12. "H" & "T" DIMENSIONS APPLY ONLY AT THE UPSTREAM INSIDE EDGE OF MANHOLE.
13. ALL HDPE MANHOLES TO HAVE A MINIMUM THICKNESS OF SDR DIPS 17.

FULTON COUNTY STANDARD DETAIL 114A

STANDARD SEWER MANHOLE
HDPE MANHOLES - NON-TRAFFIC

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML
APPROVED: TM
DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS
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DRAWING NO.

114A