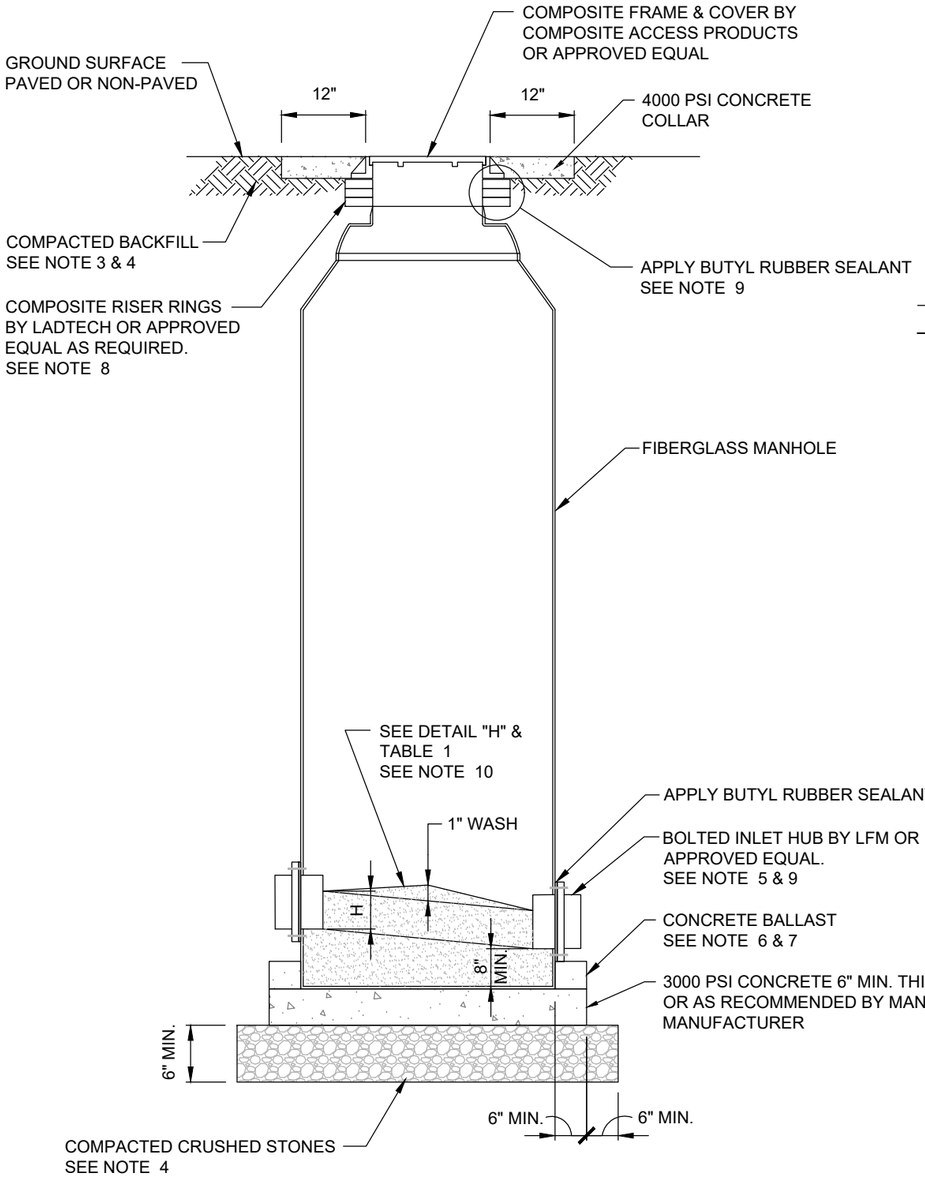
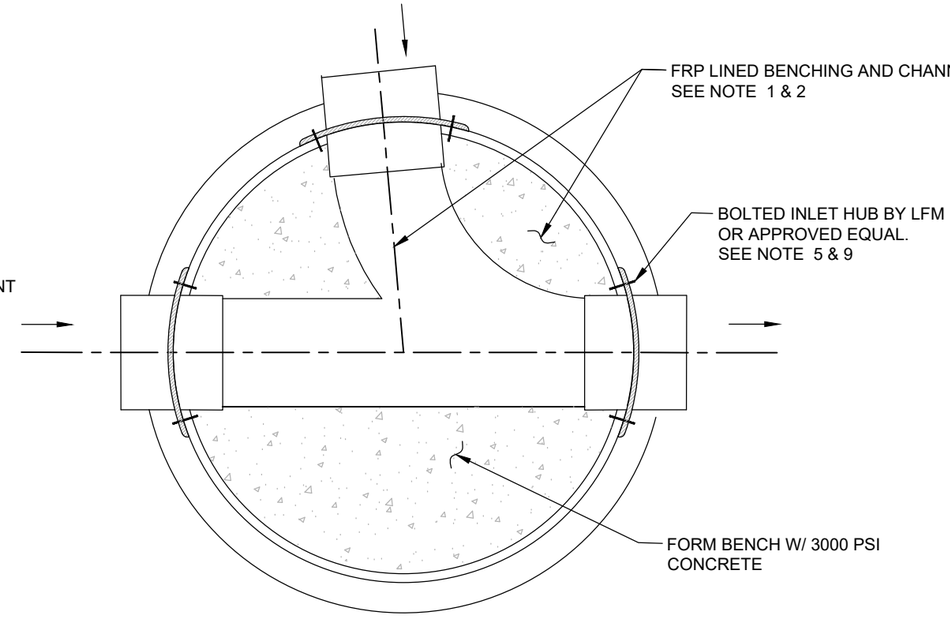
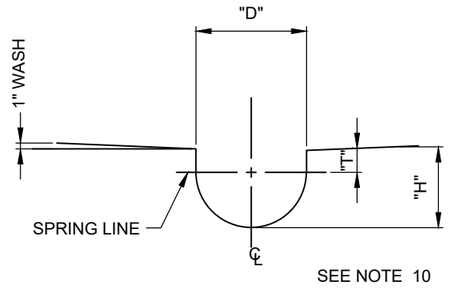


SECTIONAL VIEW
N.T.S.



BASE PLAN VIEW
N.T.S.



DETAIL "H"
NTS

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

NOTES:

1. THE INVERT CHANNELS AND BENCH SHALL BE FORMED USING 3,000 PSI CONCRETE AND COMPLETELY ENCLOSED IN A MINIMUM 1/4-INCH LAYER OF FIBERGLASS CHOP.
2. THE FIBERGLASS ENCLOSURE FOR THE INVERT AND BENCH AREA SHALL BE PROVIDED AND INSTALLED IN THE MANHOLE BY THE MANUFACTURER.
3. UNLESS SHOWN OTHERWISE ON THE DRAWINGS AND APPROVED BY FCPW, SAND, CRUSHED STONE, OR PEA GRAVEL SHALL BE USED FOR BACKFILL AROUND THE MANHOLE FOR A MINIMUM DISTANCE OF ONE FOOT FROM THE OUTSIDE SURFACE AND EXTENDING FROM THE BOTTOM OF THE EXCAVATION TO THE TOP OF THE REDUCER SECTION.
4. BACKFILL SHALL BE PLACED IN LAYERS OF NOT MORE THAN 12 LOOSE MEASURE INCHES AND COMPACTED TO 95% STANDARD PROCTOR DENSITY, UNLESS OTHERWISE APPROVED BY FCPW.
5. ALTERNATE MEANS OF PIPE PENETRATIONS AND CONNECTIONS MAY BE USED AS RECOMMENDED BY MANHOLE MANUFACTURER AND APPROVED BY FCPW.
6. PROVIDE AN ANCHOR CONNECTION RING TO BE USED IN CONJUNCTION WITH A CONCRETE BALLAST
7. CONCRETE BALLAST REQUREMENTS SHALL BE AS DETERMINED BY DESIGN ENGINEER AND AS APPROVED BY FCPW.
8. RISER RINGS SHALL HAVE A CLEAR OPENING EQUAL OR LESS THAN THE OPENING OF THE FRAME.
9. 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 FIBERGLASS CONE SECTION LIP
   - INLET HUB AND MANHOLE EXTERIOR
10. "H" & "T" DIMENSIONS APPLY ONLY AT THE UPSTREAM, INSIDE EDGE OF MANHOLE.
11. MANHOLE SHALL BE DESIGNED FOR LOAD RATING OF 40,000 LBS.

95% SUBMITTAL

FULTON COUNTY STANDARD DETAIL 114C

STANDARD SEWER MANHOLE
FIBERGLASS MANHOLES

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: XXX
APPROVED: XXX
DATE: XX-X-XX

FULTON COUNTY PUBLIC WORKS
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404-612-7400 FAX: 404-224-0498

DRAWING NO.
114C