

SHAPE TO 3/4 HEIGHT

─ NON SHRINK GROUT SLIDE

WITH 1/2 PIPE PLACED IN

CONCRETE BRICK MAY BE

TO REDUCE MORTAR

INTO THE SEWER.

SANITARY SEWER

QUANTITIES.

JSED TO BUILD UP INVERT

ON TOP OF SHELF WITH A

SPRINGLINE OF PIPE

PIPE SLIDE DETAIL N.T.S.

PIPE SLIDE AND SHELF DETAILS

SHEET NO. DWG. NO. S.4 DWG. BY: FAYPWC

DATE: JAN. 01, 2021 APPROVED BY: J.E.G.

ALIGN STEPS-

SLOPE TOP OF CONCRETE

SHELF 1:12 MIN./2:12 MAX. TOWARD TROUGH.

**FAYETTEVILLE** 

FAYETTEVILLE, N.C.

WATER RESOURCES

ENGINEERING DEPARTMENT

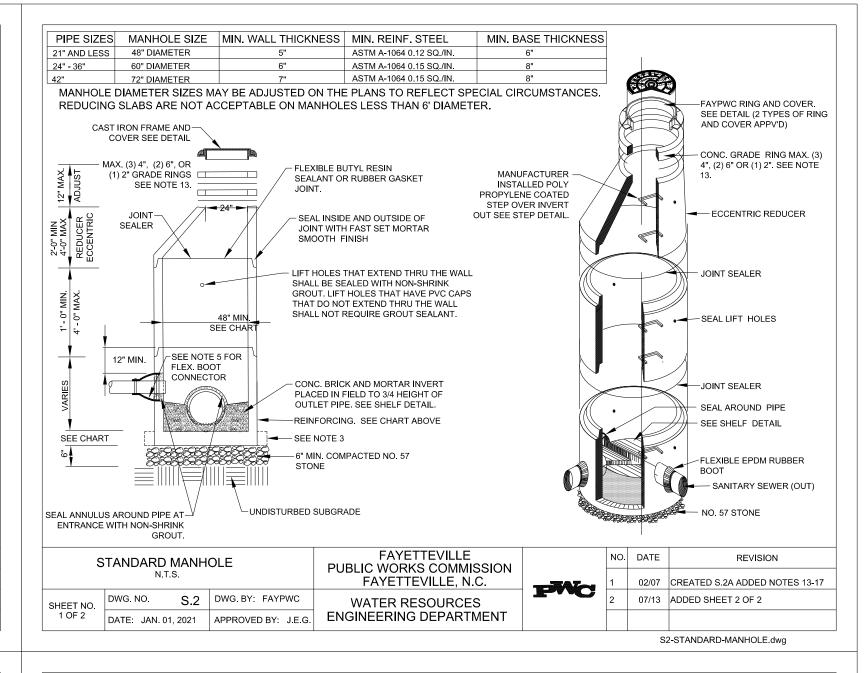
PUBLIC WORKS COMMISSION

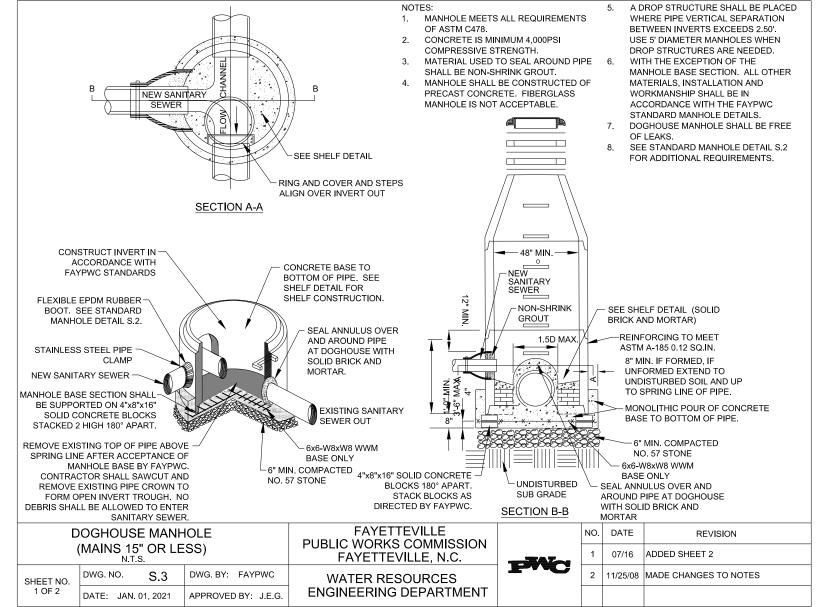
SHELF DETAIL

OVER INVERT OUT

SHAPE TO 3/4

OUTLET PIPE.





1. MANHOLE SHALL BE IN ACCORDANCE WITH FAYPWC

SDR-35 PVC WITH SOLVENT WELD JOINTS.

HAVE MINIMUM 6" EXTENDED BASE.

MANHOLES GREATER THAN 12' IN DEPTH SHALL

DROP STRUCTURE SHALL BE PLACED WHERE

INFORMATION.

- SDR-26 PVC

FAYETTEVILLE

PUBLIC WORKS COMMISSION

FAYETTEVILLE, N.C.

WATER RESOURCES

SDR-35 PVC SW TEE

**EXPANSION RING** 

SDR-26 PVC-

6" MIN 12" MAX.

FLEXIBLE BOOT CONNECTED TO

MANHOLE WITH SANITARY SEWER-

NON-SHRINK GROUT SEAL

STRAPS SHALL BE 3' OC.

DWG NO S.5 DWG BY FAYPWC

STANDARDS, SEE MANHOLE DETAIL FOR ADDITIONAL

ALL PVC FITTINGS FOR DROP STRUCTURE SHALL BE

SEWER MAIN OR LATERAL VERTICAL DROP BETWEEN

. FLEXIBLE BOOT SHALL BE CONNECTED TO

NOTE: UTILIZE SDR-35 SW PVC 1/4 BEND FOR

FORCE MAINS, UNLESS OTHERWISE APPROVED

FOR TRANSITION FROM DI TO PVC

USE A C-900 BELL x SDR-35

FLEXIBLE BOOT

SDR-26 PVC -

SS STRAPS -

SW 1/4 BEND -

EXPANSION RING, FLEXIBLE BOOT

INVERTS EQUALS OR EXCEEDS 2.50'. SEE PIPE SLIDE

DETAILS FOR DROPS LESS THAN 2.50' VERTICAL

DROP STRUCTURE MANHOLE SHALL BE A MINIMUM

OF 5' DIAMETER. DROP STRUCTURE SHALL BE

DIRECTED BY FAYPWC.

ARE ALLOWED IN A 5' MANHOLE

SECTION "A-A"

NO. DATE

INCH LATERALS SHALL ENTER A 4' DIAMETER

FAYPWC PROJECT COORDINATOR.

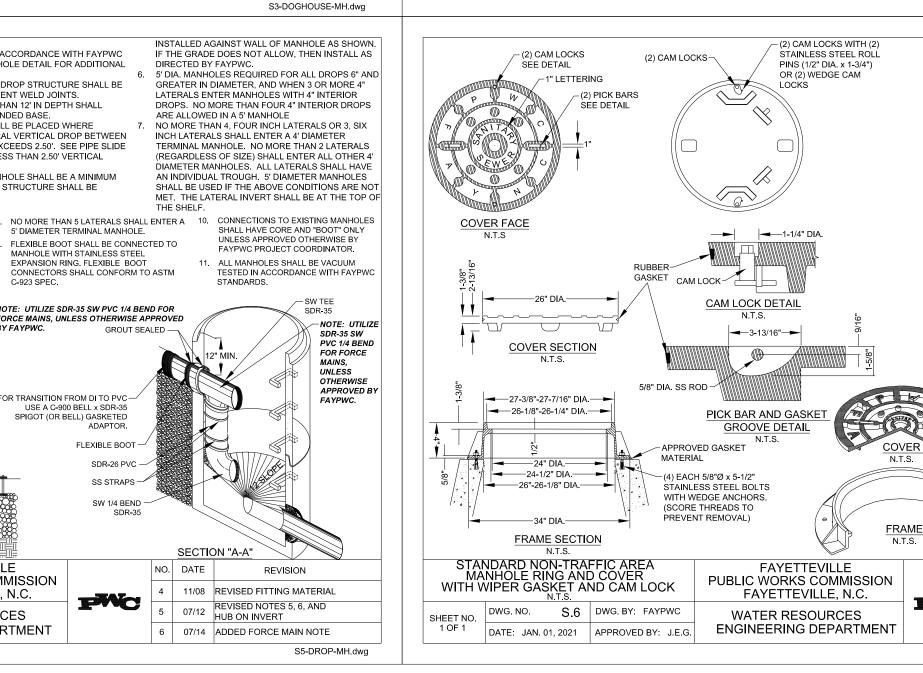
1. ALL MANHOLES SHALL BE VACUUM

REVISION

11/08 REVISED FITTING MATERIAL

07/12 REVISED NOTES 5, 6, AND HUB ON INVERT

6 07/14 ADDED FORCE MAIN NOTE



AY CAST IRON CONFORMING TO ASTM SPEC. A48-83. CLASS 35. MANUFACTURED BY SAME MANUFACTURER. ALL CASTINGS SHALL CONFORM TO THE SHAPE AND DIMENSIONS SHOWN. ALL CASTINGS SHALL BE CLEAN AND FREE FROM DEFECTS. "SANITARY SEWER" CAST INTO COVER. LETTERS SHALL BE RAISED AND CLEARLY VISIBLE. H-20 VEHICULAR TRAFFIC RING 155LBS., COVER 160LBS., UNIT 315LBS. PERFORATED COVERS WILL NOT BE ALLOWED. MECHANISM. ONE SOCKET PER PROJECT. PROJECT COORDINATOR. FOR MANHOLES OUTSIDE OF YARD OR LANDSCAPE AREAS, THE USE OF GRADE RINGS ARE NOT ALLOWED. AREAS, THE RING AND COVER SHALL BE SET TO FINISHED GRADE. THE USE OF GRADE RINGS FINISHED GRADE. FOR GRADE RINGS 4" OR LESS THE RING AND COVER SHALL BE ANCHORED TO THE CONE USING 5/8" DIAMETER STAINLESS STEEL BOLTS WITH WEDGE ANCHORS. FOR GRADE RINGS OVER 4". THE RING AND COVER SHALL BE ANCHORED TO THE GRADE RING, USING 5/8" DIAMETER x 5-1/2" STAINLESS STEEL BOLTS WITH WEDGE ANCHORS. SHALL BE SET A MINIMUM OF 18" ABOVE FINISHED GRADE, UNLESS OTHERWISE APPROVED. THIS DETAIL IS TO BE USED ON ALL MANHOLES LOCATED OUTSIDE OF PAVED AREAS, UNLESS INSTALLATION OF VENT STACK.

3 01/18 UPDATED NOTES 7 AND 8

S6-RING-COVER.dwg

PROJECT REFERENCE NO.

AMH/AB

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL

UNTIL ALL SIGNATURES ARE COMPLETED

PHONE: (919)707-6690 UTILITY CONSTRUCTION

U-4405

DESIGNED BY: AMH

CHECKED BY: AMH

APPROVED BY: BRO

NORTH CAROLINA

DEPARTMENT OF

TRANSPORTATION

JTILITIES ENGINEERING SEC

FAX:(919)250-4151

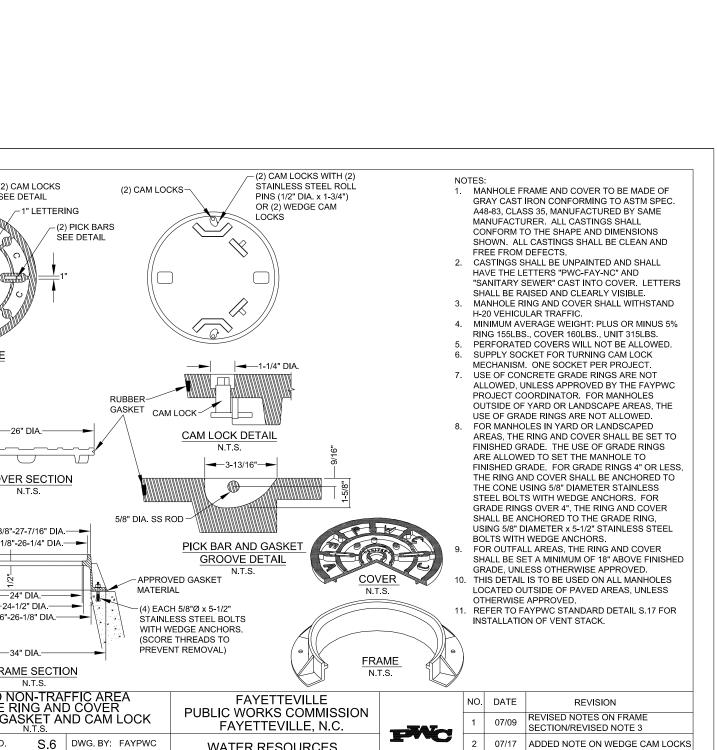
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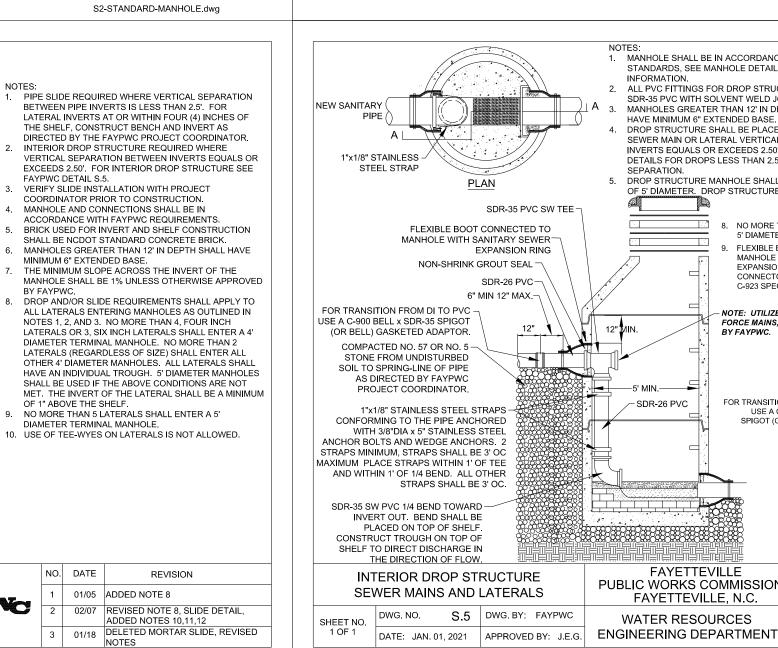
REVISED:

SHEET NO.

UC-03 I

PLANS ONLY





S4-PSLIDE.dwg

REVISION

S1-SEWER-NOTES.dwg

REVISION

CONVERTED TO S.2 SHEET 2 OF 2

FAYPWC DETAIL S.5.

BY FAYPWC.