

ENGINEERING DEPARTMENT

DATE: JAN. 01, 2018 APPROVED BY: J.E.G.

3 07/24/18 REVISED NOTES AND CALL OUTS FOR

S13-SEWER-BEDDING.dwg

FOR NCDOT U-4405.

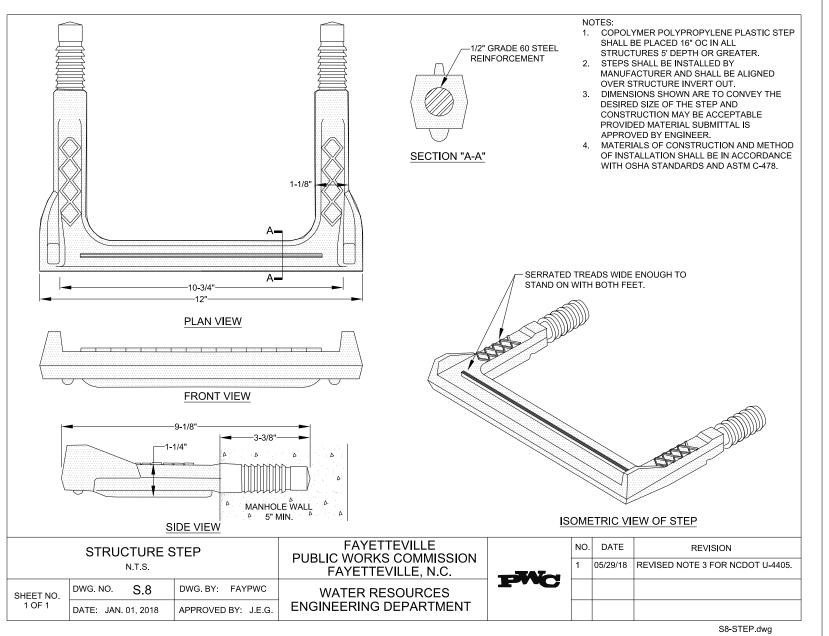
1. DETAIL TO BE USED IN PAVED AREAS ONLY, ALL OTHER

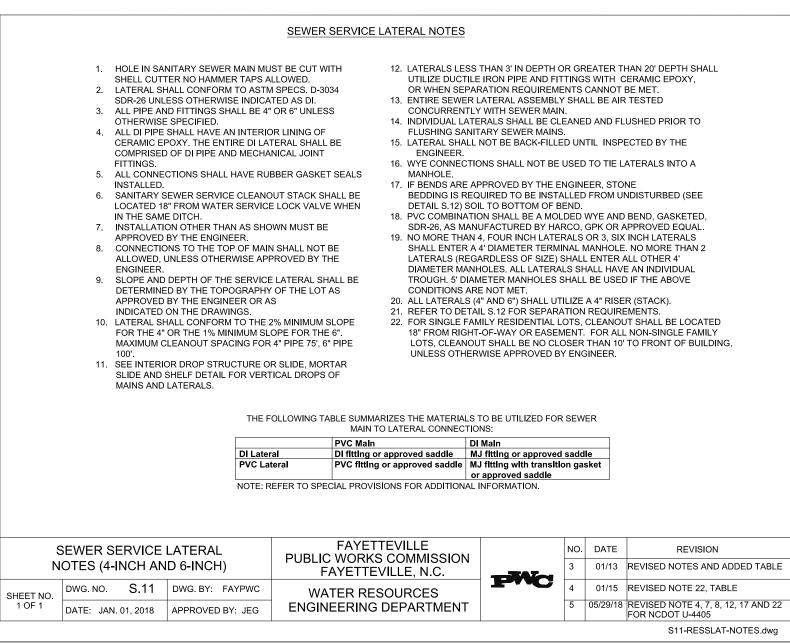
UNLESS OTHERWISE APPROVED.

MANHOLES SHALL BE IN ACCORDANCE WITH DETAIL S.6,

2. MANHOLE FRAME AND COVER SHALL BE MADE OF GRAY

23-1/2"





SANITARY SEWER REPAIR SHALL BE APPROVED BY ENGINEER PRIOR TO MAKING

THE REPAIR. IF THE REPAIR IS WITHIN 20' OF AN EXISTING MANHOLE, THE CONTRACTOR

SHALL BE REQUIRED TO REMOVE AND RELAY PIPE TO NEAREST MANHOLE. UNLESS

2. ALL MATERIALS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE UTILITY

3. CONTRACTOR SHALL PROVIDE ALL NECESSARY PUMPS. HEADER PIPE, PUMPING EQUIPMENT, ETC. PRIOR TO BEGINNING CONSTRUCTION. DUPLICATE SEWAGE HANDLING PUMPS, PIPING, ETC. SHALL BE ON-SITE AND AVAILABLE FOR IMMEDIATE USE SHOULD PRIMARY PUMP OR FORCE MAIN FAIL. INSURE PUMPS, HEADER PIPING, ETC. ARE

BE THE SAME AS THE EXISTING PIPE SLOPE. DEFLECTIONS OF HORIZONTAL AND

6. REPLACEMENT PIPE SHALL BE PROPERLY BEDDED IN ACCORDANCE WITH

I. PIPE REPAIR SHALL EXHIBIT STRAIGHT HORIZONTAL ALIGNMENT AND INVERT SHALL

PIPE SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE UTILITY

7. THERE SHALL BE NO MORE THAN 1/4" SPACE BETWEEN THE EXISTING SEWER MAIN

8. DAMAGED SECTION SHALL BE CUT OUT WITHOUT DAMAGING THE PIPE TO REMAIN.

9. DI SEWER PIPE AND FITTINGS SHALL HAVE AN INTERIOR COATING OF CERAMIC

10. DI PIPE SHALL BE UTILIZED WHEN STATE MINIMUM SEPARATION REQUIREMENTS

11. PIPE REPAIRS ON MATERIALS OTHER THAN SHOWN, SHALL BE AS DIRECTED BY

FAYETTEVILLE

FAYETTEVILLE, N.C.

PUBLIC WORKS COMMISSION

WATER RESOURCES

ENGINEERING DEPARTMENT

NO. DATE

12. THE MINIMUM LENGTH OF REPAIR SHALL BE 5 FEET, UNLESS OTHERWISE DIRECTED

SPECIAL PROVISIONS.

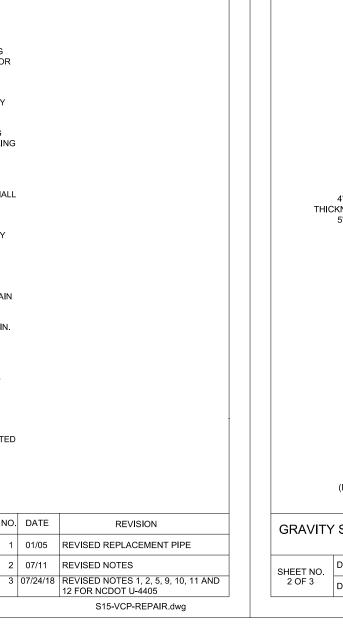
STANDARD DETAIL S.13.

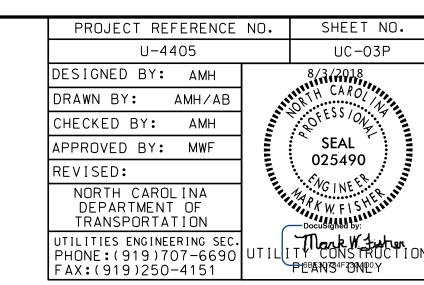
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VERTICAL ALIGNMENT ARE NOT ACCEPTABLE.

AND THE REPLACEMENT PIPE AT EACH END.

CANNOT BE MET OR AS DIRECTED BY ENGINEER.





UTILITY CONSTRUCTION

NOTE:

ANY REFERENCE TO FAYPWC PROJECT COORDINATOR, PWC COORDINATOR OR FAYPWC (FAYETTEVILLE PUBLIC WORKS COMMISSION) SHALL BE INTERPRETTED AS A REFERENCE TO THE ENGINEER.

