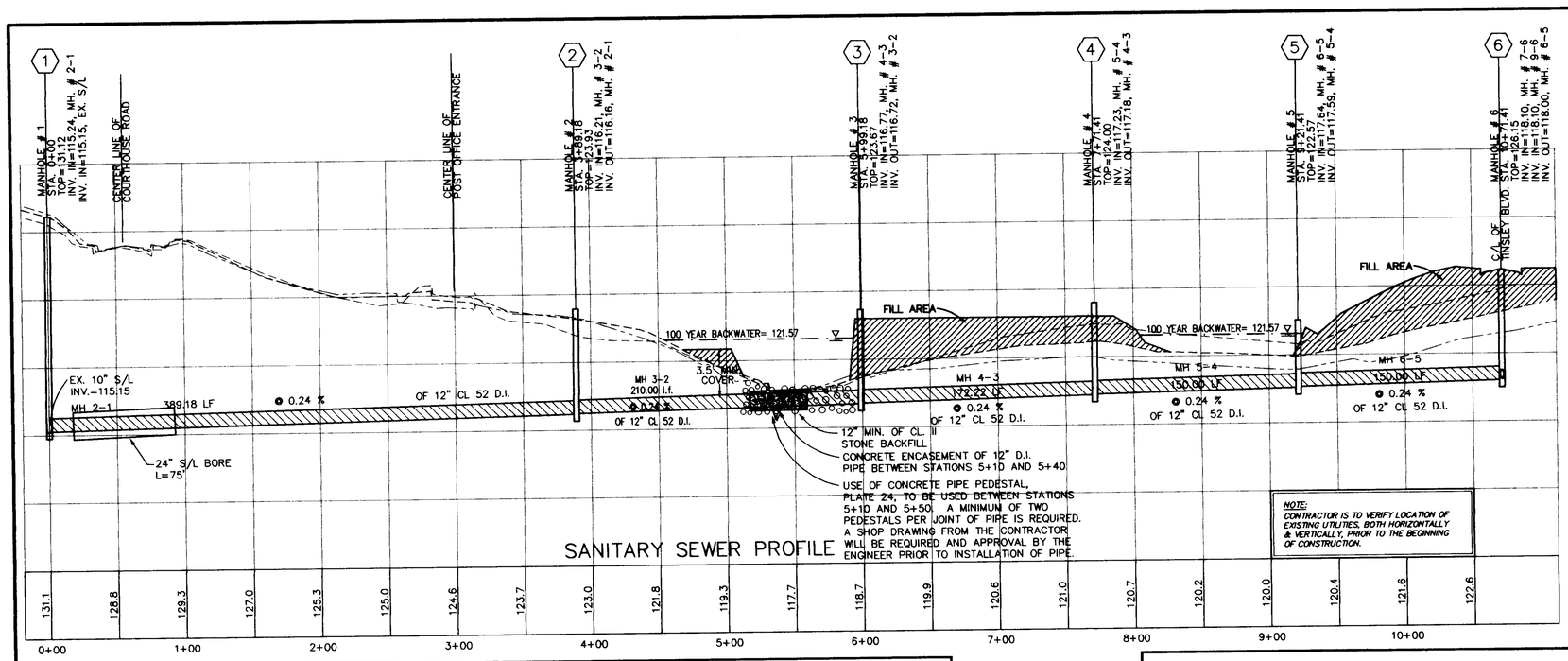
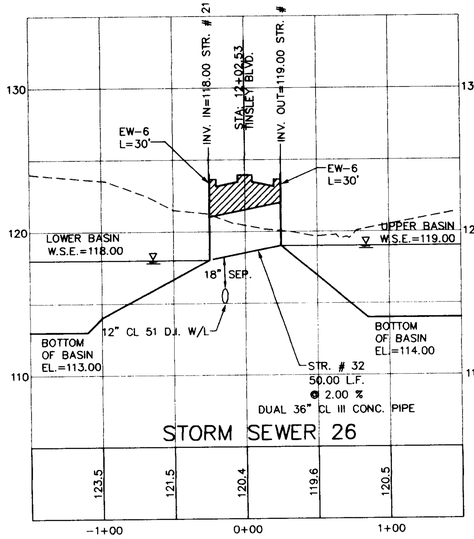
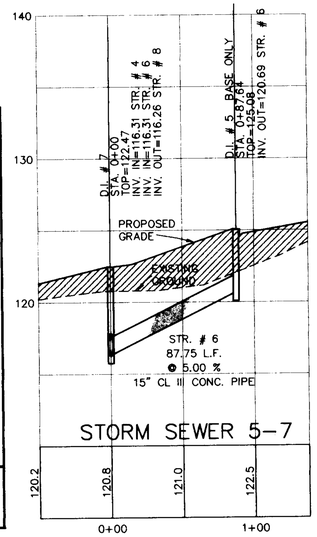


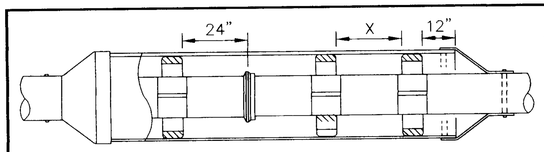
SANITARY SEWER PROFILE



STORM SEWER 26



STORM SEWER 5-7

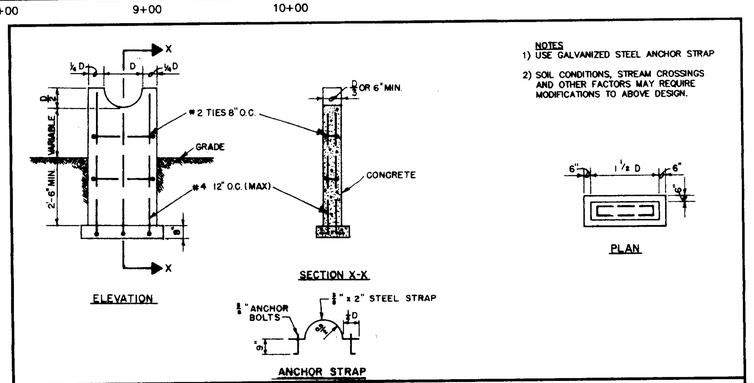


CASING DETAIL NOTES:

1. CASING SPACERS FOR GRAVITY SEWER LINES MAY BE USED ONLY WHEN THE SLOPE OF THE FINISHED WELDED CASING PIPE HAS BEEN COMPLETED AND CHECKED AND IS EQUAL TO THE SLOPE OF THE CARRIER PIPE.
2. THREE CASING SPACERS SHALL BE ATTACHED TO EACH JOINT OF CARRIER PIPE WITH ONE AT THE CENTER AND ONE NOT MORE THAN 24" FROM EACH END.
3. ONE CASING SPACER SHALL BE LOCATED NOT MORE THAN 12" FROM EACH APPROVED STAINLESS STEEL CASING SPACER.
4. CARRIER PIPE SHALL BE POSITIONED AND RESTRAINED WITHIN CASING TO COMPLY WITH GRADE REQUIREMENTS BY AN APPROVED STAINLESS STEEL CASING SPACER.
5. STEEL CASING SHALL HAVE A MINIMUM YIELD STRENGTH OF 35,000 PSI AND SUFFICIENT CORROSION PROTECTION.
6. LINES TO BE ENCASED UNDER STATE ROADS/RAILROADS WILL COMPLY WITH COUNTY AND ANY APPLICABLE VDOT/AMERICAN RAILROAD ENGINEERING SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
7. WHEN INSTALLING CARRIER PIPE, CONTRACTOR SHALL PUSH SO THAT PIPE JOINTS ARE ALWAYS BEING COMPRESSED.
8. REINFORCED CONCRETE CASING PIPE SHALL BE ASTM C-76, CLASS III STEEL CASING PIPE SHALL BE ASTM-139, GRADE B.
9. CARRIER PIPE WITHIN BORES FOR SANITARY SEWER INSTALLATION SHALL BE DUCTILE IRON (CLASS 52) AND IS TO BE USED FROM MANHOLE TO MANHOLE.
10. CASING PIPE SHALL BE SEALED BY USE OF WRAPAROUND END SEALS OR WRAP ENDS OF CARRIER PIPE WITH TAR PAPER AND INSTALL 4" THICK BRICK AND MORTAR PLUG IN THE ANNULAR SPACE WITH A 1" WEEP HOLE.

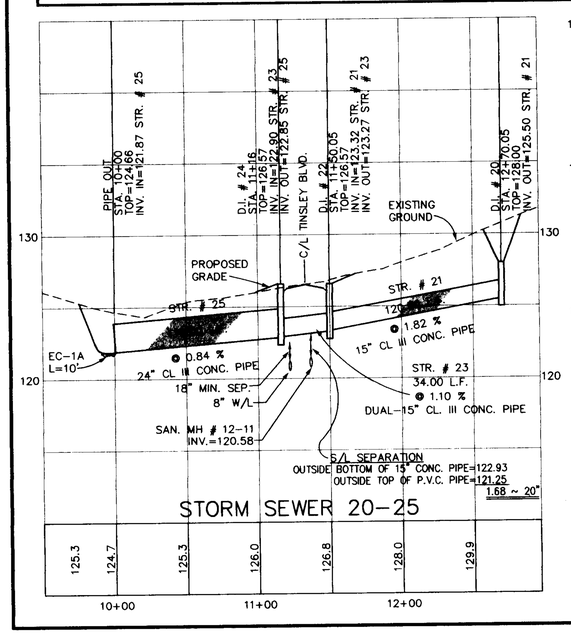
CASING DETAIL FOR GRAVITY SEWER LINES

NO SCALE

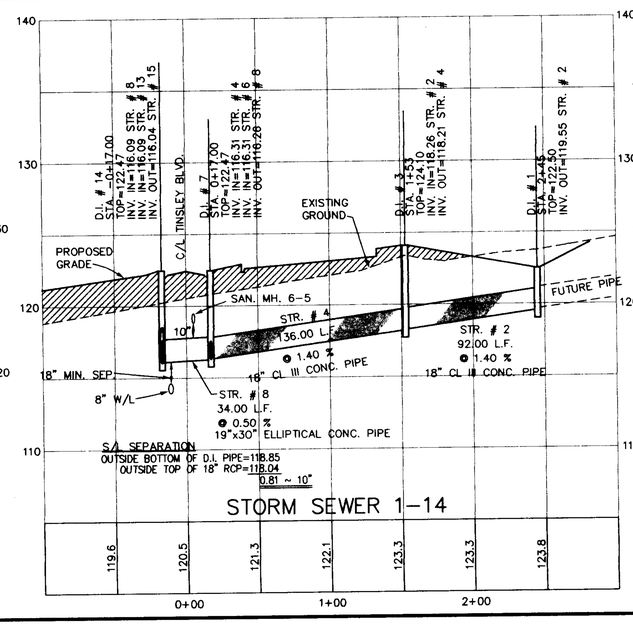


PIPE PEDESTAL DETAIL

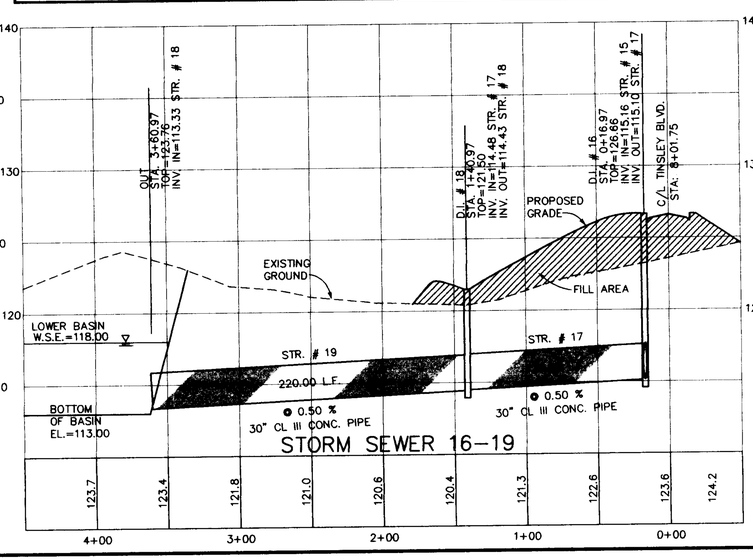
DATE 7-78 STANDARDS FOR WATER AND WASTEWATER SYSTEMS COUNTY OF PRINCE GEORGE, VIRGINIA PLATE NO. 24



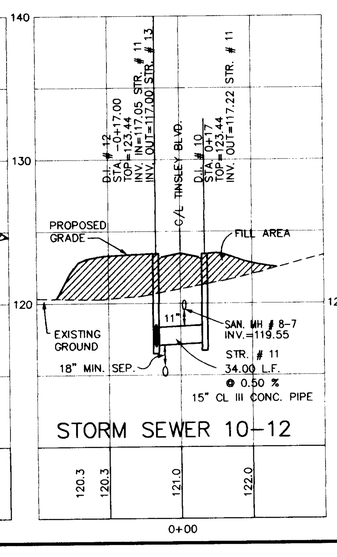
STORM SEWER 20-25



STORM SEWER 1-14



STORM SEWER 16-19



STORM SEWER 10-12

THIS DRAWING PREPARED AT THE PRINCE GEORGE COUNTY OFFICE

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DERRICK A. JOHNSON
No. 24781
4-18-00
PROFESSIONAL ENGINEER

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REVISION DESCRIPTION	DATE
COUNTY COMMENTS	3-2-2000
COUNTY COMMENTS	4-18-2000

ENGINEERS * SURVEYORS * PLANNERS * LANDSCAPE ARCHITECTS * ENVIRONMENTAL SCIENTISTS * GEOGRAPHIC INFORMATION SYSTEMS CONSULTANTS * CONSTRUCTION MANAGERS

TIMMONS

TINSLEY CHARTER – SECTION ONE

BLAND DISTRICT • PRINCE GEORGE COUNTY • VIRGINIA

PROFILES

DATE	1-14-00
DRAWN BY	S. BROOKS
DESIGNED BY	D. JOHNSON
CHECKED BY	D. JOHNSON
SCALE	HORZ. 1"=50' VERT. 1"=5'
JOB NO.	18902
SHEET NO.	7

FINAL

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K:\UHAN\18902-TinsleyCharter\TNSLY-7.dwg Tue Apr 18 15:14:45 2000 SMB. TRI-CITIES OFFICE