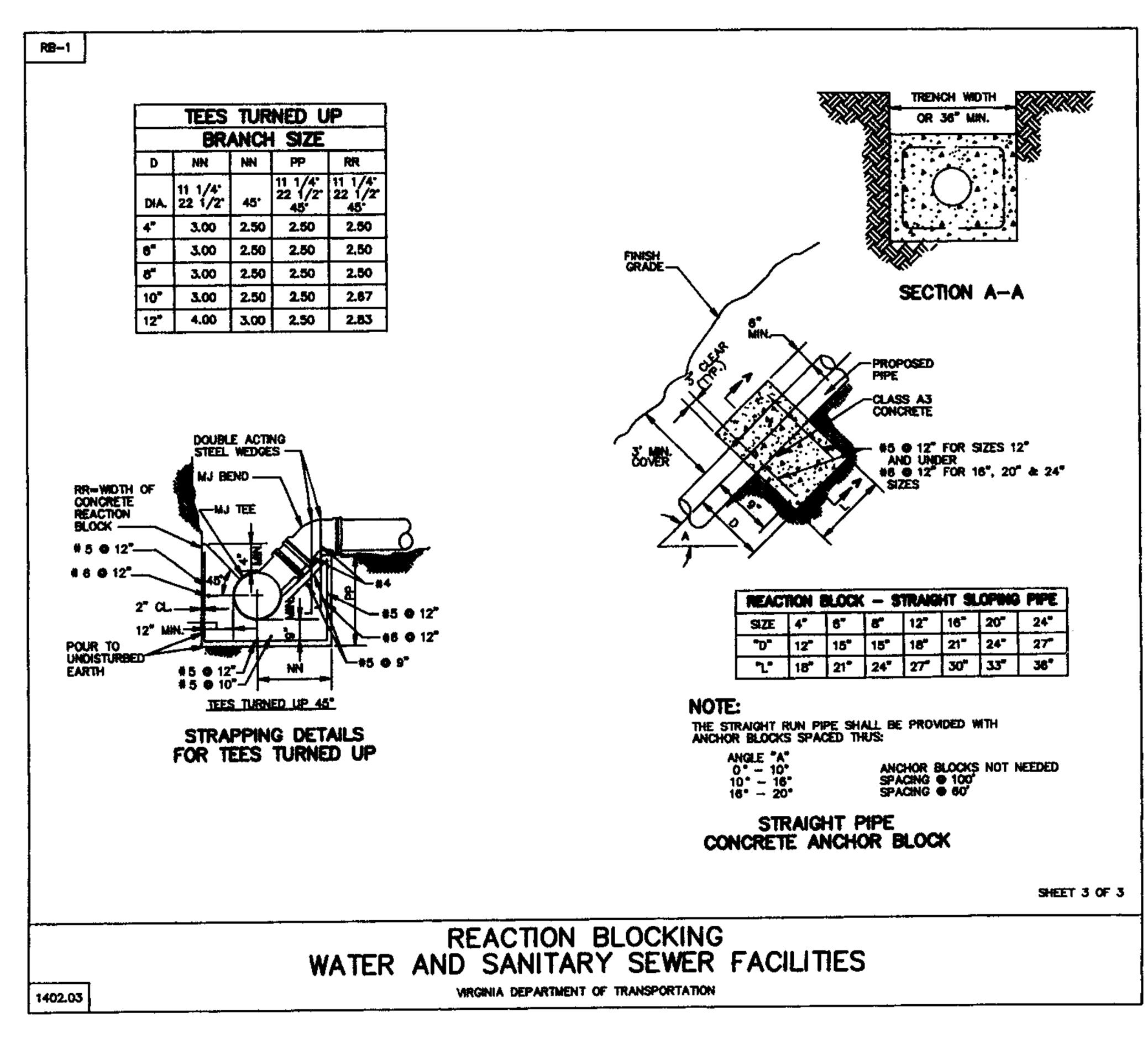
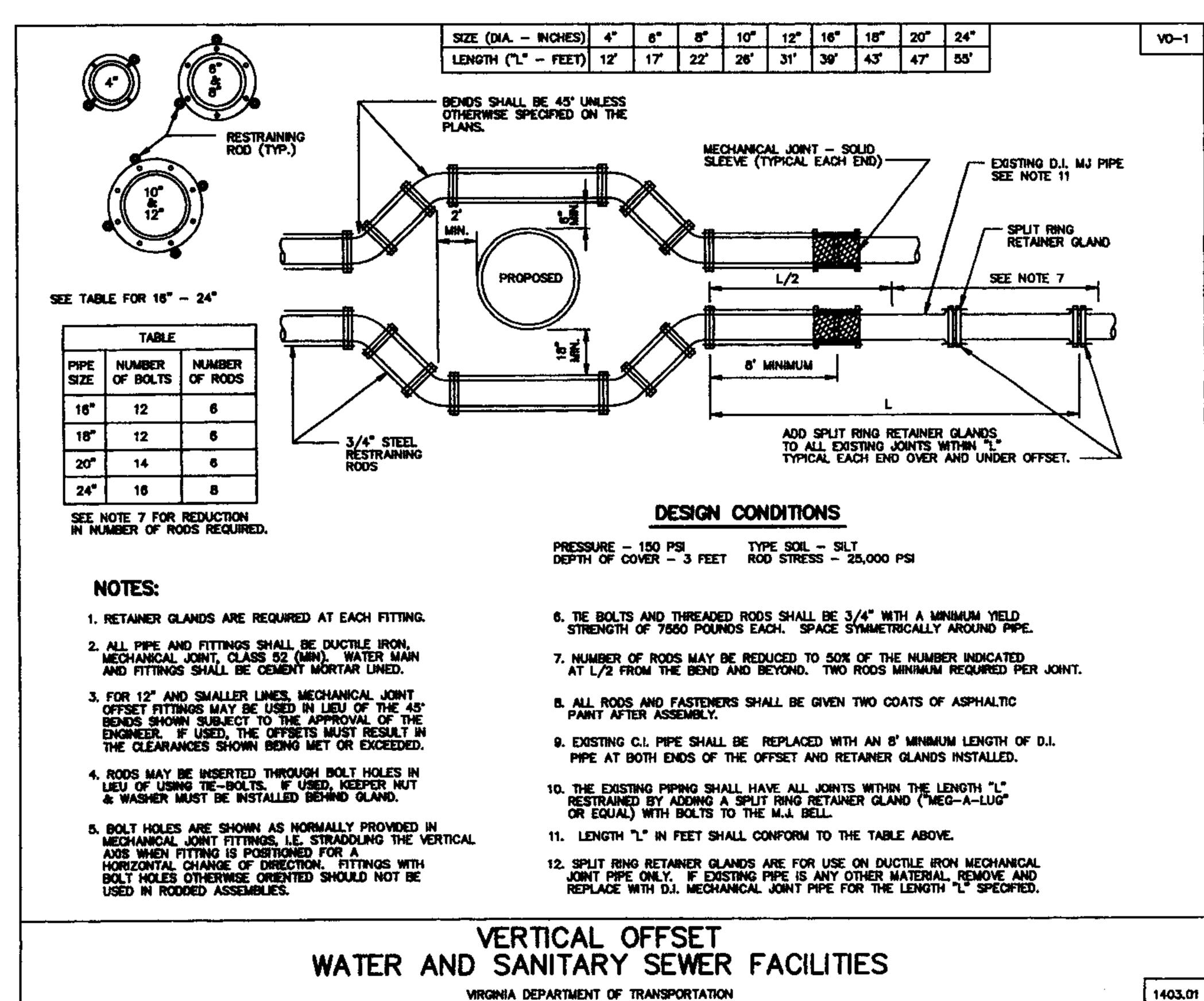
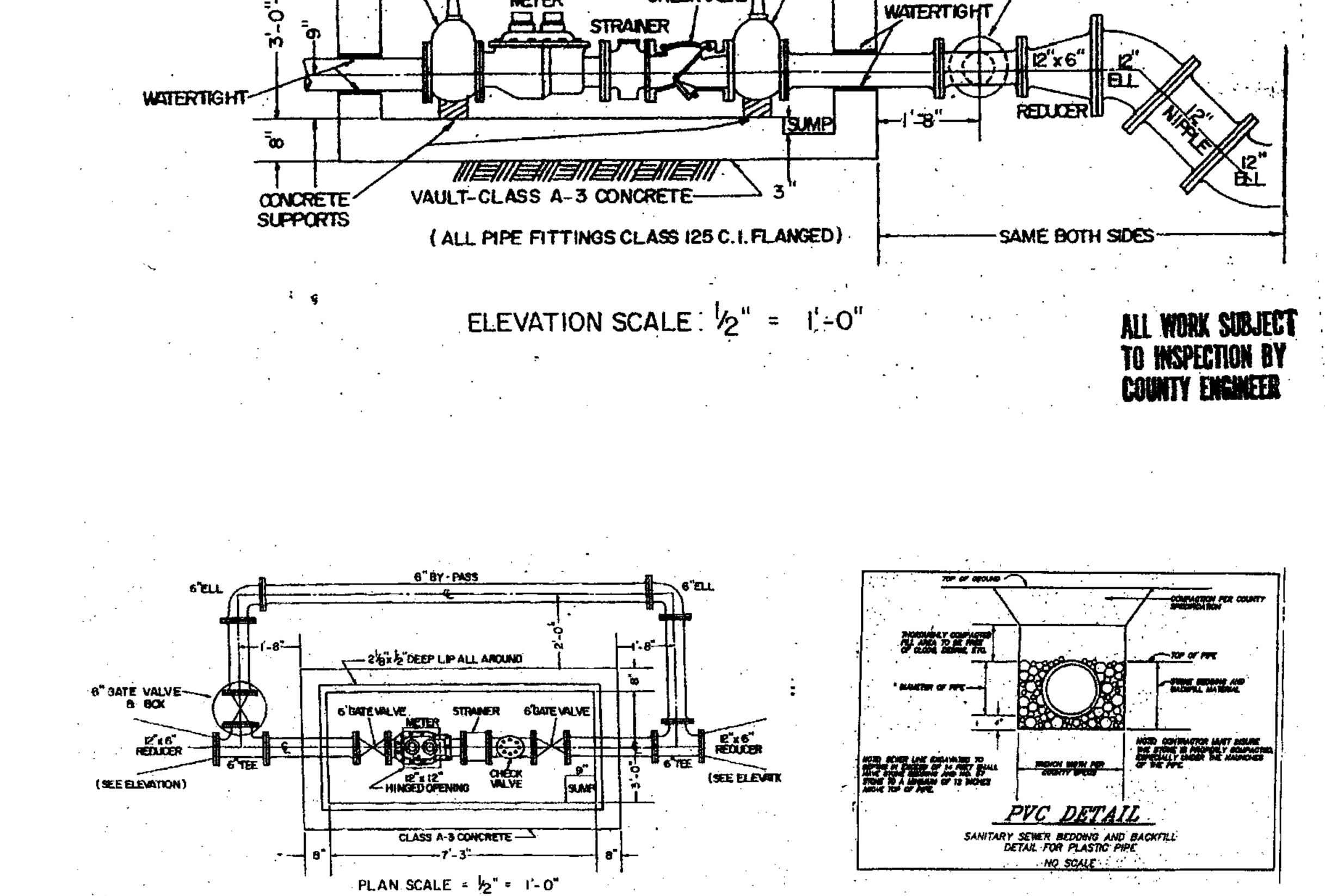


NOTE: STONE BEDDING SHALL EXTEND TO THE OUTER BOUNDARY OF ALL UNDISTURBED AREAS SURROUNDING THE MANHOLE.

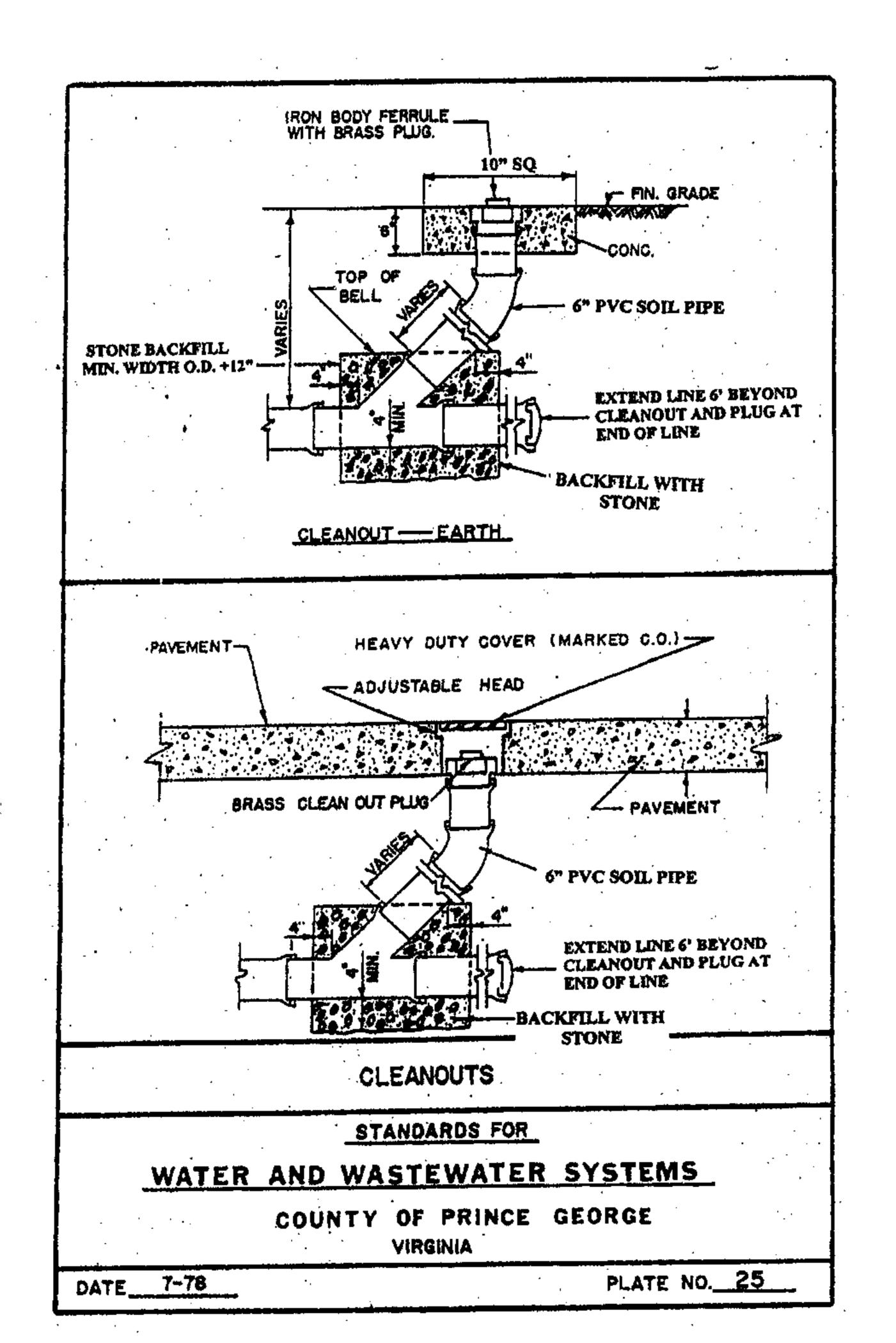
CONNECTION TO EXISTING MANHOLE NO SCALE

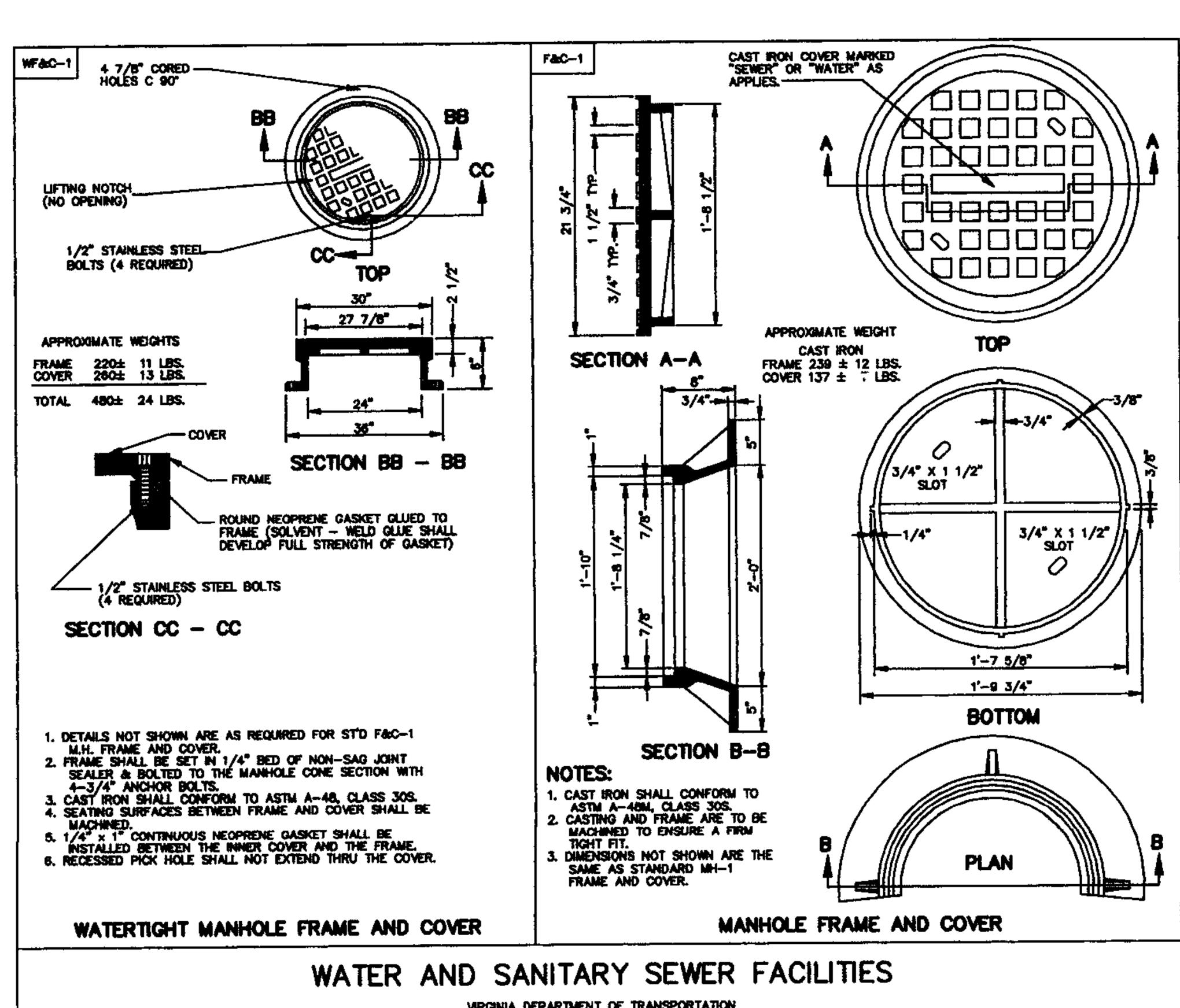




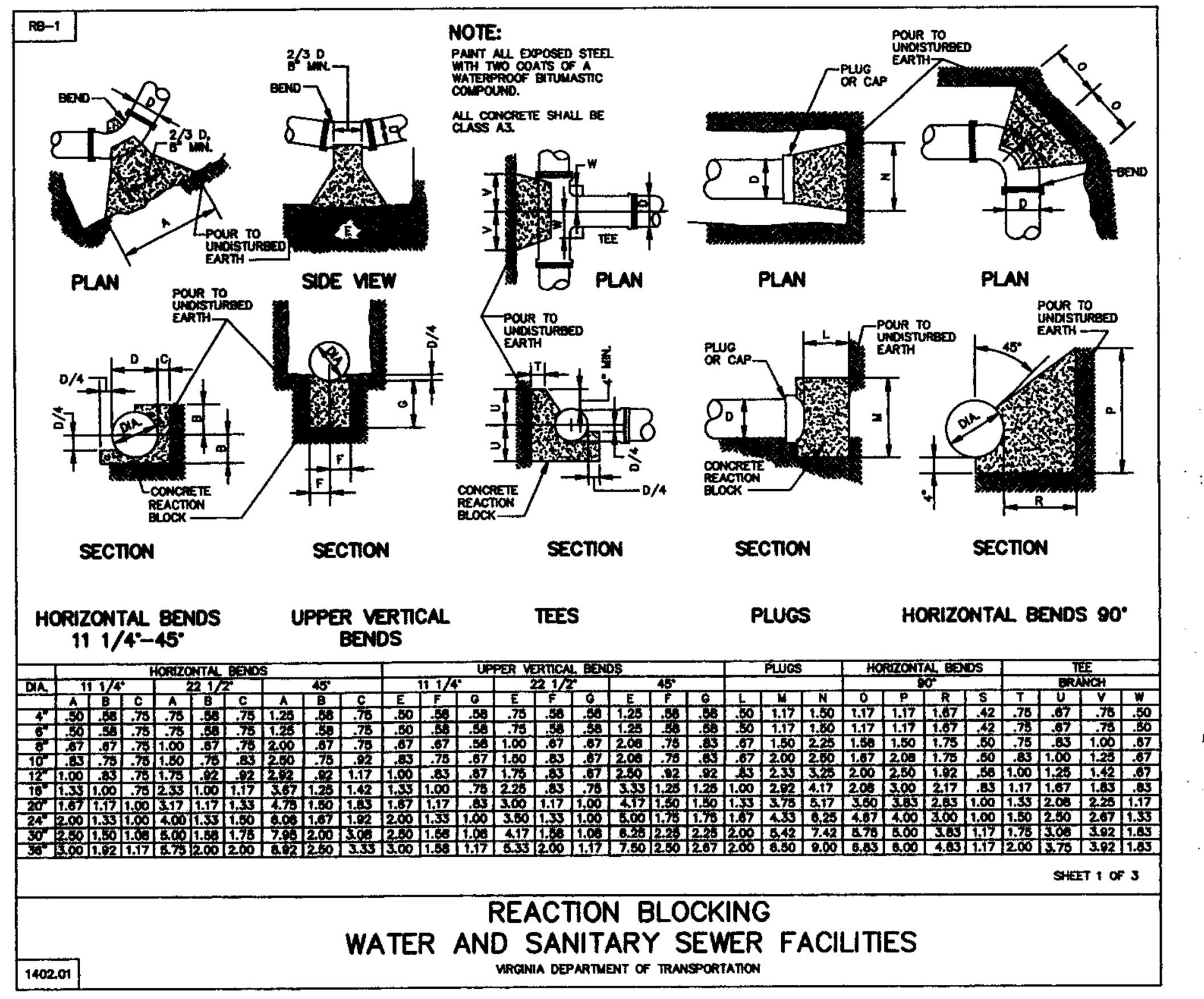


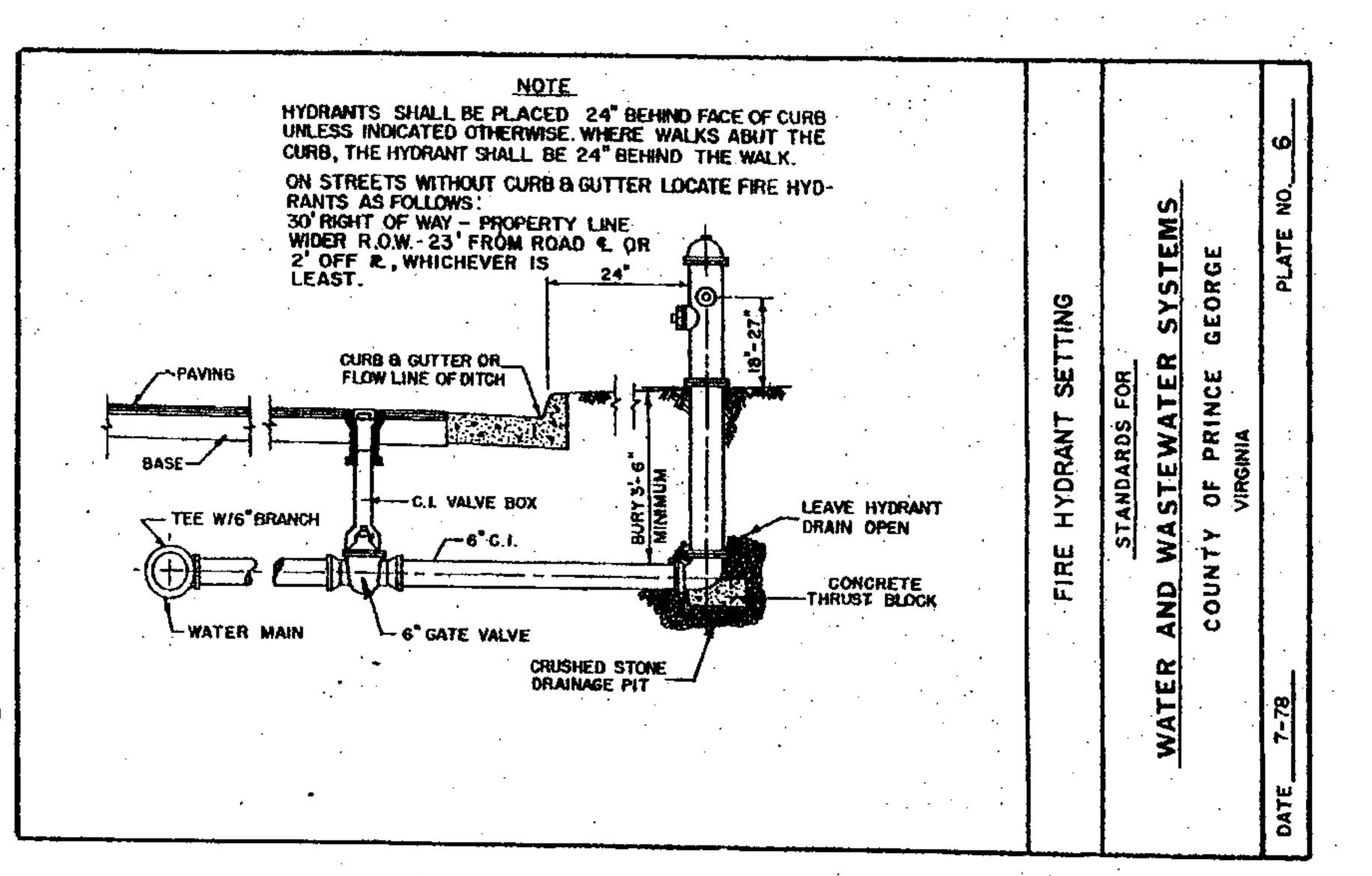
VAULT SHALL BE WATERTIGHT AND SURFACE DRAINAGE SHALL BE GRADED AWAY FROM TOP OF VAULT.





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Material Notes:

SANITARY SEWER

_2-36" X 36" BILCO JDAL-H2O ALUM LID

6"BY-PASS TEE

SANITARY SEWER LINE PVC PLASTIC PIPE SHALL MEET REQUIREMENTS OF ASTM D-3034 TYPE PSM 5DR-35 OR ASTM F-1760 DR-35 FOR SIZES 4-INCH THROUGH 15-INCH AND ASTM F-679 FOR PIPE SIZED 10-INCH THROUGH 27 INCH WITH ELASTOMERIC GASKET JOINTS MEETING REQUIREMENTS OF ASTM D3212.

DUCTILE IRON PIPE (D.I.) SHALL MEET THE REQUIREMENTS OF AWWA C-151 FOR THE PRESSURE AND THICKNESS CLASSES SHOWN ON THE DRAWINGS. PIPE SHALL HAVE A CEMENT-MORTAR LINING AND AN ASPHALTIC SEAL COAT. THICKNESS CLASSES SHALL MEET THE REQUIREMENTS OF AWWA C-150, CLASS 50.

GRAVITY SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF 6 INCHES OF GRANULAR BEDDING (CLASS B).

WATER LINE

WATER LINE PVC PLASTIC PIPE SHALL MEET THE REQUIREMENTS OF AWWA C900, TABLE 2, (CAST IRON OD) CLASS 150 EXCEPT THAT ALL CONNECTIONS SHALL BE MADE USING ELASTOMERIC GASKET JOINTS. NO PVC PIPE LARGER THAN 8" SHALL BE USED FOR WATER LINES.

DUCTILE IRON PIPE SHALL BE AWWA C-151 FOR PRESSURE AND THICKNESS CLASS SHOWN ON THE DRAWINGS. THICKNESS LASSES SHALL MEET THE REQUIREMENTS OF AWWA C-150. ALL PIPE SHALL HAVE A CEMENT-MORTAR LINING ON THE INTERIOR AND AN ASPHALTIC SEAL COAT ON THE EXTERIOR. MINIMUM THICKNESS SHALL BE CLASS 52 FOR 12-INCH AND SMALLER, AND CLASS 51 FOR 16-INCH AND LARGER.

PRESSURE LINES SHALL BE INSTALLED WITH CLASS C-1 BEDDING AS INDICATED IN THE STANDARD DRAWINGS.

JOB NO.

<u>0428</u>

Bland District Prince George County, Virginia

Condominiums

Waterside

Engineering Surveying & Land Planning

9415-A ATLEE COMMERCE BLVD.

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TIDEWATER

FAX: (804) 758-5920

RICHMOND

SHEET:

Utility Details

SHEET NO:

C1C

JOB NO.

0428