

NOTES

- 1. Methods and materials used in the construction of water mains, sanitary sewers and appurtenances shall conform to the current Prince William County Service Utility Standards Manual (USM) and the Virginia Department of Health Regulations.
2. Approval of these plans by the Service Authority will in no way relieve the owner from complying with the methods, policies or requirements stated in the Service Authority's Utility Standards Manual (USM).
3. No trees, fences or other permanent structures will be located on any waterline or sanitary sewer easement without written permission from the Prince William County Service Authority.

PWCSA WATER & SEWER MAIN INSPECTION FEES

Table with columns: Original Qty, Rev. 1 Qty, Rev. 2 Qty, Rate, and Fee. Rows include WATER MAIN, SEWER MAIN, and TV SEWER MAIN.

PWCSA AS BUILT FEES

Table with columns: Original Qty, Rev. 1 Qty, Rev. 2 Qty, Rate, and Fee. Rows include WATER MAIN and SEWER MAIN.

AS BUILT RELEASE OF PLANS

THE UNDERSIGNED ENGINEER/ FIRM AGREES THAT THE PRINCE WILLIAM COUNTY SERVICE AUTHORITY SHALL HAVE THE RIGHT TO USE THESE PLANS FOR THE PREPARATION OF AS-BUILT RECORDS, AS NECESSARY. THE ENGINEER/ FIRM FURTHER AGREES THAT THE RIGHT TO USE THE PLANS SHALL BE PROVIDED WITHOUT COST TO THE SERVICE AUTHORITY.

Form for AS BUILT RELEASE OF PLANS including fields for NAME, TITLE, FIRM, SIGNATURE, and DATE.

LOCAL REVIEW AUTHORITY INFORMATION

Form for LOCAL REVIEW AUTHORITY INFORMATION including fields for PLAN TITLE, FWC PLAN NO., ENGINEER, and MAP NO.

THRUST RESTRAINT

Form for THRUST RESTRAINT including fields for MINIMUM DESIGN PARAMETERS, RIFE MATERIAL, SOIL TYPE, SAFETY FACTOR, TRENCH TYPE, TEST PRESSURE, and BURIED DEPTH.

LOCAL FACILITIES CHARGE

Form for LOCAL FACILITIES CHARGE including a table for PROJECT AREAS and checkboxes for various facility charges.

MASTER PLAN UTILITY ADJUSTMENT

Form for MASTER PLAN UTILITY ADJUSTMENT including checkboxes for agreement and design changes, and a section for reimbursement.

Diagram showing SEWER and WATER lines with various annotations and dimensions.

FIRE FLOW INFORMATION

Form for FIRE FLOW INFORMATION including fields for HYDRAULIC MODEL SUMMARY, HYDRANT FLOW TEST, and various pressure and flow values.

SANITARY SEWER DESIGN & TEST TABLE

NO PROPOSED PUBLIC SEWER MAIN ON-SITE.

PRIVATE SANITARY SEWER DEMAND
DAILY: 2,000 GAL/DAY
PEAK: 2,000 GAL/DAY x 4 (PEAK FLOW FACTOR) x 1 DAY/24HR X 1 HR/60 MIN = 5.55 GPM
SOURCE: TABLE 160-1 (COMMERCIAL USE) PWCSA WATER AND SEWER UTILITY STANDARDS MANUAL

DOMESTIC WATER DEMAND AND METER SIZING

Table for DOMESTIC WATER DEMAND AND METER SIZING including fixture schedules and demand calculations.

SANITARY LATERAL SCHEDULE

Table for SANITARY LATERAL SCHEDULE with columns for From Manhole, Station, Invert, Crown, Length of Lateral, Slope of Lateral, Rise Height, Lateral Elev, Ground Elev, Basement Floor, Effluent, Lateral Material, and Date Installed.

MULTI-DWELLING OR NON-RESIDENTIAL METER SCHEDULE

Table for MULTI-DWELLING OR NON-RESIDENTIAL METER SCHEDULE with columns for Building Identifier, Building Address, Building Use, Meter Size, Peak Demand, and Meter & Sub-Meter.

VALVE SCHEDULE

Table for VALVE SCHEDULE with columns for City, Valve Size, and Manufacturer.

SHEET REVISED AS OF SEPTEMBER, 2012



Vertical sidebar containing project information, revision table, engineer signature (Ross Stevens), and project location: WAWA - SUDLEY ROAD, FRONTIER DEVELOPMENT, PRINCE WILLIAM COUNTY, VA.