

**GENERAL NOTES**

- Water main ductile iron class 54 minimum with zinc coating and V-Bio polyethylene encasement except where noted. WHCs 1-1/2" except where noted.
- Provide anode protection for PVC water main fittings and appurtenances per corrosion control Standard Details.
- Provide continuity test stations for PVC water main at all fire hydrants and where indicated.
- Lower WHC where indicated per Std Det W/5.14 except where noted.
- Outside meters where indicated per Std Det W/5.13 except where noted.
- Mainline gravity sewer and SHCs PVC ASTM D3034 except where noted. SHCs 4" except where noted.
- Steep sewer pipe slopes: ductile iron between MH 2 and MH 3 and PVC C900 between MH 3 and MH 4.
- Ductile iron sewer: zinc basecoat, asphalt topcoat, V-Bio polyethylene encasement, and special interior lining.
- Ductile iron fittings on PVC C900 gravity sewer encased in polyethylene with special interior lining.
- Sewer at stream crossing: RCP between MH 1 and MH 2 class V with 12' minimum lay length
- Provide stakeout and survey controls.
- Schedule pre-construction meeting with Contract Manager at (301) 206-XXXX and Erosion Sediment Control Inspector at (301) 206-8077 minimum 72 hours in advance of meeting. The Utility Sediment Control Permit will be issued at this meeting.
- Coordinate with Maryland Transit Administration for work in vicinity of the Purple Line.
- Contact the Prince George's County Department of Public Works & Transportation, at (301) 324-2710, 48 hours in advance of starting construction. (Prince George's County projects only.)
- Contact the Director of Public Works for the City of Bowie at (301) 809-2344, 48 hours prior to the start of construction.
- Contact the Director of Public Works for the City of Gaithersburg at (301) 258-6370, 48 hours prior to the start of construction for notification purposes only.
- Before beginning construction contact City of Rockville Utility at (240) 314-8567 48 hours prior to excavation.
- Contact the Director of Public Works, City of Laurel, at (301) 725-0088, 48 hours prior to the start of construction for notification purposes only.
- Contact the City of Cheverly Public Works Department, at (301) 773-2666 to obtain a "Special Utility Permit" prior to start of construction.
- Provide temporary bypass water service system per specification 02510.

*Remove any General Note not associated with this project.*

Replace XXXX with appropriate line number:  
 Southern Zone (Temple Hills Depot) 7316  
 Central Zone (Anacostia Depot) 4300  
 Western Zone (Lyttonsville Depot) 7339  
 Northern Zone (Gaithersburg Depot) 7363

**BLOCKING NOTES**

- Restrain fire hydrants to main per Std. Detail B/2.1
- Restrain valve to main per Std. Detail B/2.0 where indicated.
- Restrain 12" W on Broad Street from the TS&V at station 0+00 to the cap at station 18+54.
- For special detail of thrust blocks at connection to existing 24" PCCP, see sheet 3.
- Block 30" 1/8 horizontal bend at station 3+14 per Standard Detail B/1.0 using following dimensions: D 11'-0", E 6'-0", F 2'-0" and G 5'-0".
- Restrain 8"x6" reducer from station 1+41 to station 2+72.
- Unless indicated otherwise, block unrestrained bends, tees, tapping sleeves, and caps per blocking details.

**PLUMBING NOTES**

- Grinder Pump Make (and model and impeller size if Myers).
- Notify Contract Manager 48 hours in advance of meter retrieval.
- Static pressure may exceed 80 psi below an elevation of \_\_\_\_\_ feet.
- The pressure in the water main may be lower than 40 psi at invert elevations greater than \_\_\_\_\_ feet. The pressure in the water main may be lower than 25 psi at invert elevation greater than \_\_\_\_\_ feet

**DEPENDENCY NOTE**

The sewer/water main constructed under this contract cannot be Released for Service until contract \_\_\_\_\_ is Released for Service.

**THIS DRAWING SUPERSEDES PLAN APPROVED MM/DD/YYYY.**

RESTORATION SCHEDULE		
Location	Grading Type	Restoration Type
MH 1 to MH 1+65'	II	E
MH 1 + 65' to MH 1 + 200'	IV	See Wetlands Notes
MH 1 + 200' to MH 2	III	D
MH 2 to MH 2 + 10'	I	C
Water sta. 0+30 to sta. 5+10	III	F
Water sta. 5+10 to sta. 6+25	III	A
Water sta. 6+25 to sta. 6+35	I	B
All other areas	I	Pavement

SEWAGE FLOW TABULATION			
Units	Type	Flow Factor	Flow
500 Single Family Detached	Existing	280 gpd/DU	140,000 gpd
100 Garden Apartments	Proposed	150 gpd/DU	15,000 gpd
100,000 GSF Medical Office Building	Future	0.892 gpd/GSF	89,200 gpd
Total Average Wastewater Flow =			244,200 gpd

SERVICE CATEGORIES	
W - #	S - #
HYDRAULIC GRADES	
HIGH	* HHG *
LOW	* LHG *

**EROSION AND SEDIMENT CONTROL NOTES**

- All utility installation must be in conformance with the conditions of the Soil Conservation District/County/MDE sediment control approved plan number # \_\_\_\_\_ issued mm/dd/yyyy.
- WSSC Erosion & Sediment Control Permit will be issued at the Pre-construction meeting.
- Contact WSSC Environmental Programs Unit 48 hours prior to utility installation at (301) 206-8075.

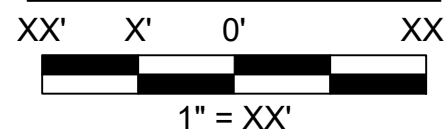
**WSSC Erosion and Sediment Control Approval Note**

This plan has been approved per requirements in the Standard Procedures of the WSSC Regulations for Utility Erosion and Sediment Control, Section V, Paragraph A.

Reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_ Plan No. \_\_\_\_\_

**GRAPHIC SCALE**



NAD 83/91  
NGVD 1929

**VICINITY MAP**

SCALE 1" : MAP UNITS  
 \* NAME Co. PAGE PAGE# GRID GRID#

FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-267-7777 OR LOG ON TO [www.call811.com](http://www.call811.com) or [www.missutility.net](http://www.missutility.net) 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY.

DATE	REVISIONS
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT

**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.: \_\_\_\_\_

EXPIRATION DATE: \_\_\_\_\_

**ENGINEER'S/SURVEYOR'S AS-BUILT CERTIFICATION**

I HEREBY CERTIFY THAT THE AS-BUILT INFORMATION AS SHOWN IN (RED OR GREEN) HEREIN IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND HAS BEEN ESTABLISHED BY A FIELD RUN SURVEY USING ACCEPTABLE SURVEYING METHODS BY MYSELF AND/OR SOMEONE UNDER MY DIRECT SUPERVISION ON (EFFECTIVE DATE). ALL ASBUILT DATA IS SHOWN IN 'BOXES'.

LICENSE NO.: \_\_\_\_\_

EXPIRATION DATE: \_\_\_\_\_

**AS BUILT DATA**

CONTRACT MANAGER	NAME
CONTRACTOR	NAME
INSPECTOR	NAME
LINE & GRADE	NAME
DATE STARTED	MM/DD/YYYY
DATE COMPLETED	MM/DD/YYYY
TYPE PIPE	W TYPE OF PIPE S TYPE OF PIPE
TYPE MANHOLES	TYPE OF MANHOLES
DATE FINALED	MM/DD/YYYY
FINALED BY	NAME

**DRAWING INDEX**

Drawing No.	Description
1. through #	Plans/Profiles/Details
S.C.1.	Sediment Control Details

THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL

EASEMENT REQUIRED - ON PROP.  - OFF PROP.

**WASHINGTON SUBURBAN SANITARY COMMISSION**



**APPLICANT:**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 CONTACT EMAIL: \_\_\_\_\_

**ENGINEER:**  
 NAME: \_\_\_\_\_  
 REGISTRATION #: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 CONTACT EMAIL: \_\_\_\_\_

Drainage Basin Name/Minibasin XX-XXX

ELECTION DISTRICT NAME & #  
**PROJECT (WATER/SEWER)**  
 STREET \_\_\_\_\_  
 SUBDIVISION \_\_\_\_\_

<b>CONTRACT</b>	<b>CONTRACT#</b>
200'S	200'SHEET#
NO	1
OF	#

ADD THE NOTE ON THE RIGHT IF PROPOSED OR EXISTING C.I.P. SIZE PIPE ARE SHOWN ON THIS PLAN.

HORIZ. DATUM = NAD 83/91  
 VERT. DATUM = NGVD 1929

DATE	REVISIONS
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT
MM/DD/YY	COMMENT

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EMAIL ADDRESS: \_\_\_\_\_

LICENSE NO.: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

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EMAIL ADDRESS: \_\_\_\_\_

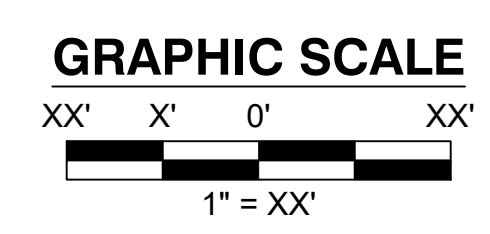
LICENSE NO.: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

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**SEAL.**  
 1 - 5/8" ≤ Size ≤ 2 - 0"

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 1 - 5/8" ≤ Size ≤ 2 - 0"

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WASHINGTON SUBURBAN SANITARY COMMISSION



**ENGINEER:**  
 NAME: Sole Proprietor or Firm name  
 REGISTRATION #: Of sole Proprietor or Firm  
 CONTACT: Contact person's name  
 ADDRESS: Contact person's address including City, State and Zip  
 PHONE: Contact person's phone number  
 CONTACT EMAIL: Contact person's full email address

ELECTION DISTRICT NAME & #  
**PROJECT (WATER/SEWER)**  
 STREET  
 SUBDIVISION

CONTRACT	CONTRACT#
200'S	200'SHEET#
NO	#
OF	#

TEMPLATE LAYOUT CURRENT as of 03/15/2021

VERIFY SCALE - BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.