

### FOREST HILL AVENUE

### SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:

### **GENERAL NOTES:**

- 1. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ANY SUBSTANTIAL DEVIATION FROM DIMENSIONS GIVEN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, IN WRITING, PRIOR TO THE START OF WORK.
- 2. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. ANY DAMAGE DONE TO EXISTING UNDERGROUND UTILITIES AND FACILITIES SHALL BE REPAIRED WITH THE UTILITIES AND FACILITIES RESTORED TO AT LEAST THEIR OR— IGINAL CONDITION. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THESE
- 3. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNERS ENGINEER IMMEDIATELY FOR DIRECTION.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, BARRICADES, LIGHTING, FLAGMEN, WARNING BEACONS AND NECESSARY SIGNAGE. IN ADDITION, THE CONTRACTOR SHALL WORK WITH THE CITY OR ROANOKE TO DEVELOP AND PROVIDE A PROPOSED SCHEDULE OF STREET CLOSURES AND DETOURS.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL NON-PUBLIC UTILITY ACCESS PANELS OR METERS, SUCH AS WATER METERS, GAS METERS, SANITARY SEWER MANHOLES, STORM DRAIN MANHOLES, DROP INLETS, CLEAN OUTS, ANY ANY OTHER SUCH ELEMENTS, TO MEET FLUSH WITH NEW FINISH GRADES.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RAISING OR LOWER-ING OF ALL PUBLIC UTILITY ACCESS PANELS OR METERS. WITH THE GAS COMPANY, ELECTRIC COMPANY, TELEPHONE COMPANY, AND ANY OTHER SUCH UTILITY COMPANIES, TO MEET FLUSH WITH NEW FINISH GRADES.
- 7. CONTRACTOR SHALL COORDINATE ANY INTERUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
- 8. ANY PLANNED INTERUPTION OF UTILITY SERVICE SHALL BE GIVEN AT LEAST SEVEN CALENDAR DAYS NOTICE TO THE OWNER AND THE UTILITY COMPANY.
- 9. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS AND/OR BUSINESSES OF ANY ANTICIPATED DISRUPTION TO UTILITY SERVICES AND ACCESS/EGRESS AT LEAST SEVEN CALENDAR DAYS PRIOR TO DISRUPTION. THE CONTRACTOR SHALL WORK WITH ANY AFFECTED PARTY TO PROVIDE TEMPORARY SERVICES AND SAFE ACCESS/EGRESS.
- 10. THE CONTRACTOR SHALL NOTIFY MR. GREG REED, WESTERN VIRGINIA WATER AUTHORITY, AT (540)-853-5468 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

# DESIGN ENGINEER fax: 540.342.4456 Imweng@Imw.roacoxmail.com Comm. No. 2938

SUMMARY OF QUANTITIES						
NO.	ITEM	UNIT	QUANTITY ESTIMATES			
1	MOBILIZATION	LS	1			
2	PROJECT SIGN	LS	1			
3	ROCK EXCAVATION	CY	200			
4	10" SANITARY SEWER	LF	1650			
5	4" SANITARY SEWER LATERAL	LF	950			
6	SAN. SEWER CLEANOUTS	EΑ	46			
7	SAN. SEWER MANHOLES INCLUDING FRAME AND COVER	EA	7			
8	STONE BACKFILL	TON	8,000			
9	ASPHALT MILLING	SY	2,750			
10	VDOT STD. BM-25	TON	550			
11	VDOT STD. SM-9.5	TON	500			

#### SHEET INDEX

- Cover Sheet
- Abbreviations, General Notes,
- & Legend
- Plan and Profile
- Plan and Profile
- Sanitary Sewer Details

## APPROVED FOR CONSTRUCTION

Date Executive Director of Water Date Executive Director of Wastewater Date Manager of Engineering Services

SET NUMBER:

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	l Revisio	ns:	
Date	Revisions: Sheets		
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	Sheet 1	OF	5



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