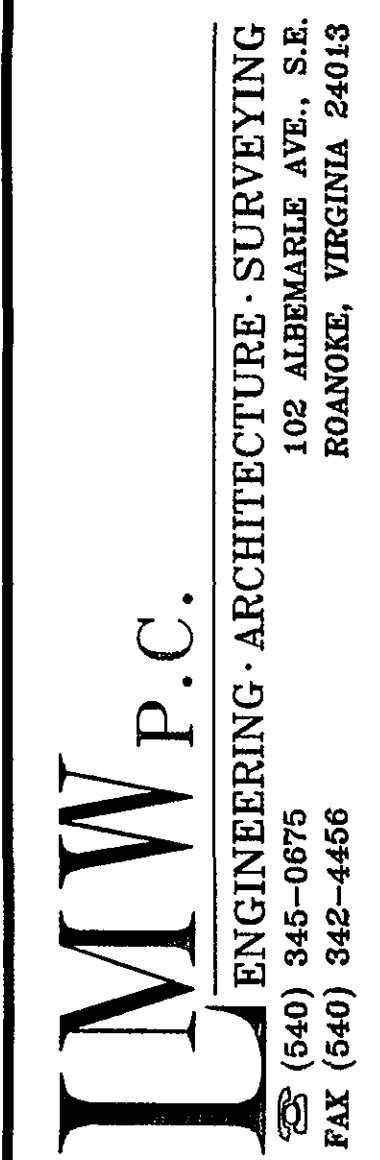


1. ONLY METAL FORMS IN GOOD CONDITION SHALL BE USED IN THE FORMING OF OF CURBING AND SIDEWALK WITHIN THE RIGHT-OF-WAY

1. BACKFILL FOR UTILITY TRENCHING IN THE RIGHT OF WAY SHALL BE VDOT 21A PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% OF STANDARD PROCTOR +/- 20% OPTIMUM MOISTURE CONTENT, AS AN ALTERNATIVE, VDOT SPECIFIED FLOWABLE FILL WITH STRENGTH OF BETWEEN 30 AND 300 PSI AT 28 DAYS.

2. ALL SAW CUTS TO PAVEMENT IN RIGHT OF WAY SHALL BE NEAT, UNIFORM, LINES PRIOR TO EXCAVATION, AFTER UTILITY INSTALLATION AND TRENCH BACKFILL, THE PAVEMENT EDGES SHALL BE RECUT IN STRAIGHT LINES TO 12" BEYOND ANY UNDERMINED AREA. THE SHAPE OF THE REPAIR SHALL BE RECTANGULAR.

1. IF EXISTING SANITARY SEWER MANHOLE IS PRECAST, THE TAP MAY BE CORED BY THE CONTRACTOR, AND ATTACHED WITH A RUBBER BOOT. IF MANHOLE IS BRICK, THE TAP MUST BE MADE BY ULS. THE CITY UTILITY INSPECTOR MUST OBSERVE AND APPROVE ALL TAPS INTO SSMH BY CONTRACTORS. CONTACT ULS 2 WEEKS PRIOR TO ANY TAPS.



**BLUE RIDGE VILLAGE
MULTI-FAMILY HOUSING
DEVELOPMENT
CITY OF ROANOKE, VIRGINIA**

UTILITY PLAN				
NO.	DATE	DESCRIPTION	BY	
2	1/15/04	CITY COMMENTS	KER	
1	2/12/03	CITY COMMENTS	KER	

COMMONWEALTH OF VIRGINIA
 RICHARD C. WHITE
 No. 020021
 4/7/04
 PROFESSIONAL ENGINEER

Designed By	KER
Drawn By	DJB/KER
Checked By	
Approved By	RCW
Submitted By	RCW
Drawing	
Date	10/20/03
Scale	1"=40'
Commission No.	13890