ABBREVIATIONS				LEGEND			SUMMARY OF QUANTITIES				
		SOUTH, SANITARY SEWER	EXISTING	NEW	DESCRIPTION	ITEM	DESCRIPTION	UNIT	QUANTI	ITY	
ABIT ABOUT ABUTHANT ABUY ABOVE ADJ ADJACENT AGGR AGGREGATE ALT ALTERNATE ALT ALTERNATE APPROX APPROXIMATE ASPH ASPHALT BC BOTTOM OF CURB BT. BET WEN BET. BET WEN BET. BET WEN BITUM BITUMINOUS BL BASE LINE BLDG BUILDING BLK BLOCK BLW BELOW BM BENCH MARK BOT BOTTOM BRC BEARING BOT BOTTOM BRC BEARING BRC BOTTOM BRC BEARING BRC BOTTOM BRC BEARING BRC BOTTOM BRC BEARING BRC C CONTER CHIEC CAST IN PLACE CL C. G. CENTER LINE CHIEC CON CONCRETE MASONRY UNITS CHIEC CON CONCRETE CON CONCRETE MASONRY UNITS CON CONCRETE CON CONCRET	SAN SD SEP SIM SMH SMH SPEC SQ SS ST STA STD STL STOR STR STRUC SUBSTA SW SY T TBM TC TEL TMP TN TOC TOT. TW TYP UG UNO V VF W W/V VF W W/V W/O WM WS WT WTC WTR XFMR YD	SOUTH, SANITARY SEWER SANITARY STORM DRAIN SEPERATION SIMILAR SANITARY MANHOLE SPECIFICATION SQUARE SANITARY SEWER STREET STATION STANDARD STEEL STORAGE STRAIGHT STRUCTURAL STRUCTURAL STRUCTURE SUBSTATION SIDEWALK SQUARE YARD TELEPHONE TEMPORARY BENCH MARK TOP OF CURB TELEPHONE TAX MAP PARCEL TON TOP OF CONCRETE TOTAL TOP OF WALL TYPICAL UNDERGROUND UNLESS NOTED OTHERWISE VALVE VERTICAL FOOT WEST, WATER MAIN OR SERVICE LINE WITH WITHOUT WATER METER WATER SURFACE WATERTIGHT COVER WATER TRANSFORMER YARD YARD HYDRANT	TO16  STREET NUMBE  EP  EP  PL, R/W  IP  BL, ©	<del>-  \$  -</del>	BUILDING AND PORCH OR STOOP  CONCRETE CURB  CONCRETE CURB AND GUTTER  PAVEMENT  UNPAVED OR GRAVEL ROADWAY  GUARDRAIL  TREE LINE  INDIVIDUAL TREE OR SHRUB  FENCE AND GATE  © OF SWALE OR DITCH  PROPERTY LINE OR RIGHT OF WAY  PROPERTY CORNER (IRON PIN FOUND)  SEWER EASEMENT  CENTER OR BASE LINE	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	MOBILIZATION  8" DI SANITARY SEWER PIPE  16" DI SANITARY SEWER PIPE  15" PVC SANITARY SEWER PIPE  MANHOLE  STANDARD MANHOLE FRAME & COVE  WATERTIGHT MANHOLE FRAME & CO  VENT  RIPRAP  MISCELLANEOUS CONCRETE  AUTHORIZED OVEREXCAVATION  ADJUST TOP OF EXST MANHOLE  AS-BUILT DRAWINGS	LS LF LF LF VF R EA		1	
4. EXCAVATE AROUND ALL EXISTING UTILITIE DETERMINE THEIR EXACT LOCATIONS AND NEW PIPE DUE TO CONFLICTS. HAVE ALL BY THE OWNER'S REPRESENTATIVE.  5. THE NEW SANITARY SEWER FOLLOWS THE A EXCEPT WHERE INDICATED OTHERWISE. RE TO ACCOMODATE NEW CONSTRUCTION. RE TO THE CITY OF ROANOKE PROPERTY YARE  6. LOCATE ALL LATERALS CONNECTED TO EXS LATERALS TO NEW SANITARY SEWER OR AE OWNER'S REPRESENTATIVE.  7. MAINTAIN SEWER SERVICE DURING CONSTR REQUIRED TO MAINTAIN SERVICE.  8. VERIFY ALL EXISTING ELEVATIONS AND DI WITH THE WORK.  9. SUPPLEMENTARY DRAWINGS (DETAILS) ARE  10. EXISTING FENCES, PAVEMENT, AND OTHER BE REPAIRED OR REPLACED TO THE OWNER  11. CONSTRUCT SANITARY SEWER ACCORDING PIPE SLOPES.  12. THE WORK AREA IS IN A FLOOD HAZARD A MANAGEMENT AGENCY FLOOD INSURANCE S PROTECT THE WORK.  13. PLACE SILT FENCE BETWEEN THE WORK AN  14. INSTALL CONSTRUCTION ENTRANCES AT AL	D SURVEY PERFORMED JUNE 1995.  CITY-WIDE PRIMARY CONTROL NETWORK D "FISH".  G ARE BASED ON AVAILABLE RECORDS, S UTILITY" (1-800-552-7001) 48 FION TO OBTAIN UTILITY FIELD LOCATIONS. S IN ADVANCE OF PIPE LAYING TO ALLOW FOR FIELD ADJUSTMENTS OF THE FIELD ADJUSTMENTS APPROVED IN ADVANCE  ALIGNMENT OF THE EXISTING SANITARY SEWER, MOVE EXISTING SANITARY SEWER AND MANHOL FURN ALL EXISTING MANHOLE FRAMES AND COV.  T SANITARY SEWER. RECONNECT BANDON LATERALS AS DIRECTED BY THE BUCTION. FURNISH PUMPS, HOSES, AND INCID MENSIONS IN THE FIELD PRIOR TO PROCEEDIN  BOUND IN THE PROJECT MANUAL.  ITEMS DAMAGED BY CONSTRUCTION SHALL A'S REPRESENTATIVE'S SATISFACTION. TO INDICATED INVERT ELEVATIONS. VERIFY  AREA, BASED ON THE 1993 FEDERAL EMERGENCY ATTUDY. TAKE THE NECESSARY PRECAUTIONS TO  D THE STREAM.  L POINTS OF CONNECTION TO PUBLIC STREETS REQUIREMENTS. CLEAN VEHICLES LEAVING THE LIC STREETS.  PERATIONS THROUGH A SEDIMENT FILTER OR WAYS.  JENEAUS AFTER COMPLETING BACKFILLING.	LES VERS  PENTALS  G  WORK  TRAP	SD S	SMH #201 	TEMPORARY CONSTRUCTION EASEMENT  CLEANOUT  STORM DRAIN AND HEAD WALL  SANITARY SEWER  WATER MAIN OR SERVICE LINE  GAS MAIN OR SERVICE LINE  VALVE IN BOX, MANHOLE OR VAULT  HYDRANT ASSEMBLY, NOTED YHYD OR FHYD  MANHOLE  STORM DRAIN INLET STRUCTURE  WATER METER  POLE WITH LIGHT  UTILITY POLE, GUY AND ANCHOR  PLUG  BENCH MARK  TRAVERSE STATION						
HAYES, SEAY, MATTERN AND MATTERN  ARCHITECTS/ENGINEERS/PLANNERS	DESIGNED: DMH  DRAWN: ACF  CHECKED: SJP  APPROVED: WMZ		REVISIONS DESCRIPTI PREPARED BASED ON INFO	RMATION PROVIDE	D BY  DAVID M. HENDERSON  No. 0402 022296 022296	ABBREVIA	SEWER REPLACEMENT NO ROANOKE, VIRGINIA TIONS, NOTES, LEGEND & SUN SCALE: NONE	<b>\</b>		SHEET NO.	