ABBREVIATIONS										LEGEND		
											MATERIALS	
AB AC ACT AD ADDI ADJ AFF AGGR AL ALLOW ALT APPROX ARCH ASB ASPH AT	ANCHOR BOLT ALTERNATING CURRENT/ASBESTOS CEMENT ACOUSTIC TILE AREA DRAIN ADDITIONAL ADJUSTABLE ABOVE FINISHED FLOOR AGGREGATE ALUMINUM ALLOWANCE/ALLOWABLE ALTERNATE APPROXIMATE APPROXIMATE ARCHITECTURAL ASBESTOS ASPHALT ASPHALT TILE	E EA ECC EF EFF EIP EL OR ELE ELL ENGR ENT EOG EOPT EW EX EXH EXH	EAST/EASEMENT EACH ECCENTRIC EACH FACE EFFLUENT EXIST IRON PIPE V ELEVATION ELECTRIC/ELECTRICAL ELBOW ENGINEER ENTRANCE EDGE OF GRAVEL EDGE OF FAVEMENT EQUIPMENT EACH WAY EXISTING EXCAVATE EXHAUST EXPANSION EXTERIOR	I D IF IN INCL INF INS INT INV J JB JCT JT	IRON INSIDE DIAMETER INSIDE FACE INCH INCLUDED INFLUENT INSULATION INTERIOR INVERT JOIST JUNCTION BOX JUNCTION JOINT	PAR PC PCC PCF PE LINING PERF PERP PI R PNL PP PREFAB PRV PS PS PS PS PT PTN PV	PARALLEL POINT OF CURVE/PIECE POINT OF COMPOUND CURVE POUNDS PER CUBIC FOOT POLYETHYLENE LINING PERFORATED PERPENDICULAR POINT OF INTERSECTION PROPERTY LINE/PLATE PANEL POWER POLE PREFABRICATED PRESSURE RELIEF VALVE PUMPING STATION POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POINT OF TANGENT/POINT PARTITION PLUG VALVE	T T&B T&G TAN TEM TC TDH TECH TEL TEMP TER THERMO THK THRU TOD TOF TOM TOS TOW	TREAD TOP AND BOTTOM TONGUE AND GROOVE TANGENT TEMPORARY BENCH MAR TOP OF CURB TOTAL DYNAMIC HEAD TECHNICAL TELEPHONE TEMPERATURE TERRAZZO THERMOSTAT THICK THOOUGH TOP OF DECK TOP OF FOOTING TOP OF FOOTING TOP OF SLAB TOP OF MALL		GRADE OR EARTH ASPHALT PAVING SAND GRAVEL CONCRETE CONC. FILL OR GROUT CONC. MASONRY UNIT	ROCK STEEL INSULATION WATER SURFACE GRATING CHECKERED PLATE GLASS
B BD BFE BFV BITUM Q BL BLDG BLK	Boring Board Board Bottom of Fitting Elevation Butterfly Valve Bituminous Baseline Building Line Building Cock			L LA LAB LAM LAT LAV	LENGTH/ANCLE LINE AHEAD LABORATORY LAMINATED LATERAL LAVATORY	PVC PVMT PW	POLYVIN'L CHLORIDE PAVEMENT POTABLE WATER	TOL TPS TRANS TYP	TOLERANCE TWISTED PAIR SHIELDED TRANSFORMER TYPICAL		BRICK	WOOD BLOCKING OLS
BM BOC BOT BRG BRK BRZ BSMT BT BUR BV	BENCH MARK BACK OF CURB BOTTOM BEARING BRICK BRONZE BASEMENT BOLT BUILT-UP ROOFING BALL VALVE	FAB F&C F&G FC FD FDN FE FF	FABRICATE FRAME AND COVER FRAME AND GRATE FLUSHING CONNECTION FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FINISH FLOOR FIRE HYDRANT	UB UF UG UL UH UV UF UT UT UT UT UT UT	POUND/LINE BACK LINEAR FEET LONG LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL LIGHT POLE LOW POINT LIGHTING LIGHTING LOUVER	QTY R RCP RD RECIR RECCP	QUANTITY RADIUS/RISER REINFORCED CONCRETE PIPE ROAD/ROOF DRAIN RECIRCULATION RECEPTACLE	UG UH UNFIN UNO UR UTIL	UNDERGROUND UNIT HEATER UNTINISHED UNLESS NOTED OTHERW URINAL UTILITY	SE	GATE VALVE BUTTERFLY VALVE PLUG VALVE SWING CHECK VALVE GLOBE VALVE	WALL PENETRATION MECHANICAL COUPLING WELDED JOINT FLANGED JOINT MECHANICAL, PUSH ON OR
C CAB CB C/C CE CEM CER CF CF CF CIP	CLOSET/CARPET/CHANNEL CABINET CATCH BASIN CENTER TO CENTER CONSTRUCTION EASEMENT CEMENT CEMENT CERAMIC CUBIC FEET CUBIC FEET CUBIC FEET PER MINUTE CAST IRON/CUBIC INCHES CAST IRON PIPE	FIN FIX FL FLEX FLG FLUOR FLXC FM FPRF FRP FT FT FT FTG FURR	Finish fixture flashing/floor flashing/floor flashing fluorescent fluorescent flexbile connection force main fireproof fiberglass reinforced polyester laminate feet footing/fitting furring/furred	MAINT MATL MAX MECH MEMB MET MFR MG	MAINTENANCE MATERIAL MAXIMUM MECHANICAL METAL MANUFACTURER MILLION GALLONS	RECT RED REF REG REINF REM REQO REST REV RF RFG RJ RM RND RO RPM	RECTANGULAR REDUCER REFERENCE REGISTER REINFORCING REMOVE REQUIRED RESTRAINED REVISE ROOF ROOFING RESTRAINED JOINT ROOM ROUND ROUND ROUGH OPENING REVOLUTIONS PER MINUTE	VAC VAT VCP VEL VENT VERT VOL VP VWC	VACUUM WNYL ASBESTOS TILE WTRIFIED CLAY PIPE VELOCITY VENTILATING/VENTILATIO VERTICAL VOLUME VENT PIPE VINYL WALL COVERING WEST/WIDTH WITH	PIPE Entilation	PINCH VALVE DIAPHRAGM VALVE BALL VALVE BALL CHECK VALVE HARNESSED FLANGED ADAPTER HARNESSED SLEEVE TYPE COUPLING SLEEVE TYPE COUPLING FLEXIBLE COUPLING	RESTRAINED JOINT SLUICE GATE SLIDE GATE/STOP GATE FLUSHING CONNECTION HOSE BIBB QUICK DISCONNECT FITTING YARD HYDRANT
GL 2 CLG CLKG CLR CMP CMU CO COL CONC	CENTER LINE CHLORINE CELLING CAULKING CLEAR CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CLEANOUT COLUMN CONCRETE	GA GAL	GAS/GAS LINE GAUGE GALLON GALYANIZED	MGD MH MIN MISC MJ MLDG MO MOD MON MOT	MILLION GALLONS PER DA MANHOLE MINIMUM MISCELLANEOUS MECHANICAL JOINT MOLDING MASONRY OPENING MODIFY/MODIFIED MONUMENT MOTOR	Y RR RT RTU RW R/W	RAILROAD RIGHT REMOTE TERMINAL UNIT RAW WATER RIGHT OF WAY	WC WF WH WI W/L WO W/O WP	WATER CLOSET WIDE FLANGE WALL HYDRANT WROUGHT IRON WATER LEVEL WATER LINE WINDOW OPENING WITHOUT WATERPROOF WATER PROOFING		SECTION AND E DRAWINGS ARE CROSS REFERENCED IN THE (A) A SECTION CUT ON DRAWING AS IS IDE SECTION LETTER	FOLLOWING METHOD:
CONST CONTR CONTR CORP CORR CP CRS CT CTJ CU	CONSTRUCTION CONTINUOUS CONTRACTOR CORPORATION CORRIDOR CONCRETE PLANK COURSE CERAMIC TILE CONTROL JOINT COPPER	GALV GC GEN GI GL GPM GR GV GW GWB	GENERAL CONTRACTOR GENERATOR GALVANIZED IRON GLASS GALLONS PER MINUTE GRADE GATE VALVE GUY WIRE GYPSUM WALL BOARD GLAZED WALL FINISH	MTD MTG MULT N N NA	MOUNTED MOUNTING MULTIPLE NORTH NOT APPLICABLE	S SAN SBL SCH SD SECT SERV SEW SF SHT	SOUTH/SLOPE SANITARY SURVEY BASELINE SCHEDULE STORM/SITE DRAIN SECTION SERVICE SEWER SQUARE FEET SHEET	WPT WSE WSP WT WV WWF	WALL PENETRATING TYPE WATER SURFACE ELEVATION WEATHERSTRIP WEIGHT WATER VALVE WELDED WIRE FABRIC YARD YEAR		DETAILS ARE CROSS REFERENCED ITEM STANDARD DETAILS ARE CONFILED OR REFERENCED ITEM STANDARD DETAILS ARE CONFILED OR REFERENCED ITEM STANDARD DETAILS ARE REFERENCED BY A UNIQUE SEVEN DIGIT NUMBER AND ARE SHOWN ON THE CONTRACT DRAWINGS BY ONE OF TWO METHODS: REFERENCED ITEM STANDARD DETAILS ARE COMPILED IN A PROXIMATE NUMERICAL ORDER IN THE BACK OF THE CONTRACT DRAWINGS BY ONE OF TWO METHODS: STANDARD DETAILS ARE COMPILED IN APPROXIMATE NUMERICAL ORDER IN THE BACK OF THE CONTRACT DRAWINGS ON THE D+ DRAWINGS.	
CV CW CY DC DET DF	CHECK VALVE COLD WATER CUBIC YARD DIRECT CURRENT DETAIL DRINKING FOUNTAIN	GYP H	GYPSUM HEIGHT	NA NF NIC NO NOM NPW NTS	NOT APPLICABLE NEAR FACE NOT IN CONTRACT NUMBER NOMINAL NON POTABLE WATER NOT TO SCALE	SI SIM SJ SPEC SQ SS SST ST STA STD	SILLE SOUARE INCH SIMILAR STEEL JOIST SPECIFICATION SQUARE SANITARY SEWER STIANLESS STEEL STREET STATION STANDARD	YD YR				
DIA (#) DIAG DIM DIP DISCH DIST DJ DL DN DOZ DR DWG DWL	DIAMETER DIAGONAL DIMENSION DUCTILE IRON PIPE DISCHARGE DISTRIBUTION DOUBLE JOIST DEAD LOAD DOWN DOZEN DOCR DRAWING DOWL	HDW HEX HM HORZ HP HPT HTR HVAC HW HWL HWY	HARDWARE HEXAGONAL HOLLOW METAL HORIZONTAL HORIZONTAL HORSEPOWER HIGH POINT HEATER HEATING, VENTILATION AND AIR CONDITIONING HOT WATER HIGH WATER LEVEL HIGHWAY HYDRAULIC	OC OD OF OFF OPER OPNG OPP ORIG OT OVHD	ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OFFICE OPERATOR OPENING OPPOSITE ORIGINAL OPEN TRUSS OVERHEAD	STG STIR STL STR SUB SUP SUPT SUR SUSP SW SWBD SWD SYM	STORAGE STIRRUP STEEL STRUCTURAL SUBSTITUTE SUPPLY SUPERINTENDENT SURF ACE SUSPENDED SWITCH SWITCHBOARD SIDE WATER DEPTH SYMMETRICAL				PROPOSED ITEMS EXISTING ITEMS HIDDEN ITEMS	PPES
REGU PRE NO.	DESIGNED	H & S FOR ROBE	DOCUMENT ORIGINALLY ISSUED CONSTRUCTION AND SEALED BY RT S. DIFIORE, SEAL NO. 22769 S DOCUMENT ORIGINALLY ISSUED CONSTRUCTION AND SEALED BY LD L. TAYLOR, SEAL NO. 024649	RECORD D THIS DRAWING HAS BEEN MOD CHANGES REPORTED BY THE C PARTY, BUT NOT VERTIFED BY THIS DOCUMENT ORIGINALLY I DAVID A. NAILOR, 225465. TH CONSIDERED A CERTII	DIFIED TO REFLECT FIELD ONTRACTOR OR ANOTHER FIELD ERRIFYING ENGINEER. SSUED AND SEALED BY IS MEDIA SHALL NOT BE	HAZEN AND SAWY Environmental Engineers & Scie 4011 WestChase Blvd, Roleigh, North Carolina	ntists 27607 REGIONAL	CITY OF ROANOKE VIRGINIA WATER POLLUTION CONTROL F ET WEATHER IMPROVEMENTS	PLANT	ABBREVIATIONS	GENERAL S, LEGENDS AND SYMBOLS	THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING. THE ORIGINAL DRAWING. A DATE JULY 2003 H & S JOB 30788A NUMBER CONTRACT NUMBER NUMBER X2