					ABBREVIATIO	DNS					LEG	END
											MATE	RIALS
AB AC ACT AD ADDL ADJ AFF AGGR ALLOW ALT APPROX ARCH ASB ASPH AT	ANCHOR BOLT ALTERNATING CURRENT/ASBESTOS CEMENT ACQUISTIC TILE AREA DRAIN ADDITIONAL ADJUSTABLE ABOVE FINISHED FLOOR AGGREGATE ALUMINUM ALLOWANCE/ALLOWABLE ALTERNATE APPROXIMATE APPROXIMATE ARCHITECTURAL ASBESTOS ASPHALT TILE	E EA ECC EF EF EF EIP EL OR ELEV ELEC ELL ENGR ENT EOG EOP EO EOPT EW EX EXC EXH EXP	EAST/EASEMENT EACH ECCENTRIC EACH FACE EFFLUENT EXIST IRON PIPE V ELEVATION ELECTRIC/ELECTRICAL ELBOW ENGINEER ENTRANCE EDGE OF GRAVEL EDGE OF PAVEMENT EQUAL EQUIPMENT EACH WAY EXISTING EXCAVATE EXHAUST EXHAUST EXPANSION EXTERIOR	I D IF IN INCL INF INS INT INV	IRON INSIDE DIAMETER INSIDE FACE INCH INCLUDED INFLUENT INSULATION INTERIOR INVERT JOIST JUNCTION BOX JUNCTION JOINT	PAR PC PCC PCC PCF PE LINING PERF PERP PI Q PNL PP PREFAB PRV PS PSF PSI 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 T&G TAN TBM TC TDH TECH TEL TEMP TER THERMO THK THRU TOD TOF TOM TOS TOW	TREAD TOP AND BOTT TONOUE AND OT TANCENT TEMPORARYS IB TOP OF CURB TOTAL DYNAMI TECHNICAL TELEPHONE TEMPERATURE TERRAZZO THERMOSTAT THICK THOUGH TOP OF DOCK TOP OF FOOTII TOP OF SLAB TOP OF WALL	ROOVE NCH MARK C HEAD	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 B	BORING BOARD BOTTOM OF FITTING ELEVATION BUTTERFLY VALVE BITUMINOUS BASELINE BUILDING LINE			L LA LAB LAM	LENGTH/ANGLE LINE AHEAD LABORATORY LAMINATED	PVC PVMT PW	POLYVINYL CHLORIDE PAVEMENT POTABLE WATER	TOL TPS TRANS TYP	TOLERANCE TWISTED PAIR TRANSFORMER TYPICAL		BRICK	WOOD BLOCKING
BL BLDG BLK BM BOC BOT BRG BRK BRZ BSMT BT BUR BV	BUILDING BUILDING BUILDING BUILDING BUILDING BUILDING BUILDING BEACH OF CURB BOTTOM BEARING BRICK BRONZE BASEMENT BUILT—UP ROOFING BALL VALVE	FAB F&C F&G FC FD FDN FE FF FH FIN	FABRICATE FRAME AND COVER FRAME AND GRATE FLUSHING CONNECTION FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FINISH FLOOR FIRE HYDRANT FINISH	LAT LAV LB LF LG LL LLH LLV LP LPT LT LTG LVR LWL	LATERAL LAVATORY POUND/LINE BACK LINEAR FEET LONG LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL LIGHT POLE LOW POINT LIGHT LIGHTING LOUVER LOWER LEVEL	QTY R RCP RD RECIR RECP RECP	QUANTITY RADIUS/RISER REINFORCED CONCRETE PIPE ROAD/ROOF DRAIN RECIRCULATION RECEPTACLE RECTANGULAR		UNDERGROUND UNIT HEATER UNFINISHED UNLESS NOTED OTHERWISE URINAL UTILITY		GATE VALVE BUTTERFLY VALVE PLUG VALVE SWING CHECK VALVE GLOBE VALVE	WALL PENETRATION MECHANICAL COUPLING WELDED JOINT FLANGED JOINT MECHANICAL, PUSH ON OR RESTRAINED JOINT
C CAB CB C/C CE CEM CER CF CF CF CI	CLOSET/CARPET/CHANNEL CABINET CATCH BASIN CENTER TO CENTER CONSTRUCTION EASEMENT CERMIN CERMIN CERMIC CUBIC FEET CUBIC FEET PER MINUTE CAST IRON/CUBIC INCHES CAST IRON PIPE CENTER LINE	FIX FL FLEX FLUOR FLVC FM FPRF FRP FT FTG FURR	FIXTURE FLASHING/FLOOR FLEXIBLE FLANGE FLUORESCENT FLEXIBLE CONNECTION FORCE MAIN FIREPROOF FIBERGLASS REINFORCED POLYESTER LAMINATE FEET FOOTING/FITTING FURRING/FURRED	MAINT MATL MAX MECH MEMB MET MFR MG MGD	MAINTENANCE MATERIAL MAXIMUM MECHANICAL MEMBRANE METAL MANUFACTURER MILLION GALLONS MILLION GALLONS PER DA'	RED REF REG REINF REW REOD REST REV RF RFG RJ RM RND RO RPM	REDUCER REFERENCE REFERENCE REGISTER REINFORCING REMOVE REQUIRED RESTRAINED REVISE ROOF ROOFING RESTRAINED JOINT ROOM ROUND RO	VAC VAT VCP VEL VENT VERT VOL VP VWC	WINYL ASBESTG VITRIFIED CLAY VELOCITY VENTILATING/V VERTICAL VOLUME VENT PIPE VINYL WALL CO WEST/WIDTH WITH WATER CLOSET	PIPE Entilation Evering	PINCH VALVE DIAPHRAGM VALVE BALL VALVE BALL CHECK VALVE HARNESSED FLANGED ADAPTER HARNESSED SLEEVE TYPE COUPLING HARNESSED FLEXIBLE COUPLING	SLUICE GATE SLUICE GATE SLUICE GATE FLUSHING CONNECTION HOSE BIBB GUICK DISCONNECT FITTING YARD HYDRANT FIRE HYDRANT SOIL BORING
CL 2 CLG CLKG CLR CMP CMU CO COL CONC CONST CONTR CORP CORR CP	CHLORINE CEILING CAULKING CLEAR CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CLEANOUT COLUMN CONCRETE CONSTRUCTION CONTRUCTION CONTRUCTION CONTRACTOR CORPORATION CORRIDOR CORRIDOR	GA GALV GC GEN GI GL GPM	GAS/GAS LINE GAUGE GALION GALVANIZED GENERAL CONTRACTOR GENERATOR GALVANIZED IRON GLASS GALLONS PER MINUTE	MH MIN MISC MJ MLDG MO MOD MON MOT MTD MTG MULT	MANHOLE MINIMUM MISCELLANEOUS MECHANICAL JOINT MOLDING MASONRY OPENING MODIFY/MODIFIED MONUMENT MOTOR MOUNTED MOUNTING MULTIPLE	RT RTU RW R/W S S SAN SBL SCH SD	RIGHT REMOTE TERMINAL UNIT RAW WATER RIGHT OF WAY SOUTH/SLOPE SANITARY SURVEY BASELINE SCHEDULE STORM/SITE DRAIN	WF WH WI WL W/L WO W/O WP WPFG WPT WSE WSP WT WV	WIDE FLANGE WALL HYDRAIT WROUGHT IRON WATER LINE WHOOW OPENI WITHOUT WATERPROOF WALE PENGOF WALL PENETR WEATHERSTRIP WEIGHT WATER VALVE WELDED WIRE I	ng Ng Ting Type E Elevation	DRAWINGS ARE CROSS REFERENCED IN THI (A) A SECTION CUT ON DRAWING A3 IS ID SECTION LETTER A6 DRAWING WHERE SECTION SHOWN ON DRAWING A6 A SECTION LETTER	E FOLLOWING METHOD: ENTIFIED AS FOLLOWS: GECTION IS SHOWN IS IDENTIFIED AS FOLLOWS:
CRS CT CTJ CU CV CW CY CM	COURSE CERAMIC TILE CONTROL JOINT COPPER CHECK VALVE COLD WATER CUBIC YARD	GR GV GW GWB GWF GYP	GRADE GATE VALVE GUY WIRE GYPSUM WALL BOARD GLAZED WALL FINISH GYPSUM	N NA NF NIC NO NOM NPW NTS	NORTH NOT APPLICABLE NEAR FACE NOT IN CONTRACT NUMBER NOMINAL NON POTABLE WATER NOT TO SCALE	SECT SERV SEW SF SHT SI SIM SJ SPEC SQ SS SST ST	SECTION SERVICE SEWER SQUARE FEET SHEET SQUARE INCH SIMILAR STEEL JOIST SPECIFICATION SQUARE SANITARY SEWER STAINLESS STEEL STREET	YD YR	YARD YEAR		DETAILS ARE CROSS REFERENCED IN A SIMILAR MANNER, EXCEPT DETAILS ARE IDENTIFIED BY A SQUARE WITH A NUMBER IN THE UPPER HALF. STANDARD DETAILS ARE REFERENCED BY A UNIQUE SEVEN DIGIT NUMBER AND ARE SHOWN ON THE CONTRACT DRAWINGS BY ONE OF TWO METHODS: TOPIC TOPIC THE PROPERTY	
DET DF DIA (#) DIAG DIM DIP DISCH DIST DJ DN DOZ DR DWG DWL	DETAIL DRINKING FOUNTAIN DIAMETER DIAGONAL DIMENSION DUCTILE IRON PIPE DISCHARGE DISTRIBUTION DOUBLE JOIST DEAD LOAD DOWN DOZEN DOOR DRAWING DOWL	H HDW HEX HM HORZ HP HPT HTR HVAC HW HWL HWY	HEIGHT HARDWARE HEXAGONAL HOLLOW METAL 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	STA STD STG STIR STIR SUB SUP SUPT SUR SUSP SW SWBO SWBO SYM	STATION STANDARD STORAGE STIRRUP STELL STRUCTURAL SUBSTITUTE SUPPLY SUPERINTENDENT SURFACE SUSPENDED SWITCH SWITCHBOARD SIDE WATER DEPTH SYMMETRICAL				STANDARD DETAILS ARE COMPILED IN APP THE BACK OF THE CONTRACT DRAWINGS O LINET PROPOSED ITEMS EXISTING ITEMS HIDDEN ITEMS	N THE D+ DRAWINGS.
REGUL	DESIGNED DRAWN AS BUILT OCT 2007 RLT CONSTRUCTION MAR 2004 RLT LATORY APPROVAL NOV 2003 RLT ISSUED FOR DATE BY APPROVED RELE **LYANGE/GANGOS by BOS 28875-20786,	H&S FOR (ROBER	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 MOT CHANGES REPORTED BY THE C PARTY, BUT NOT VERIFED BY THIS DOCUMENT ORIGINALLY DAVID A. NAILOR, 225465. TH CONSIDERED A CERTIF	DIFIED TO REFLECT FIELD ONTRACTOR OR ANOTHER FIELD ERTIFYING 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 V	CITY OF ROANOKE VIRGINIA WATER POLLUTION CONTROL DCESS TRAIN IMPROVEMENTS		ABBREVIATION	GENERAL S, LEGENDS AND SYMBOLS	THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG CONTRACT DRAWING. DRAWING. DATE MARCH 2004 H & S JOB NUMBER 30788 NUMBER DRAWIN NUMBER TO NUMBER NUMBER X2