

ABBREVIATIONS

A AASHTO AB ABT ABUT. ABV AC ACI ACM ACMU ACS ACST A.C.T. AD ADD. ADH ADJ ADMIN AFF AFFF AFMS AGGR AH AHR AIC AISC AL ALT AM ANSI AP APPR APPROX ARCH. A.R.E.A. ASB ASPH ASSY ASTM ATM ATS AUTO. AUX AV AVG AW AWG AWS AWWA B BAL BB B&B BBD BC BD BDL BEJ BET. BF BG BITUM BL BLDG BLK BLW BM BOT BP BR BRG BRK BRKR BRKT BRZ BSMT BT BU BUR C C C TO C C & G CAB. CAP. CB CCTV CD CENT. CF CG CH CHAM CHBD CHEM CHIS CHKR CI CIP CIRC CJ CKT CL, @ CLG CLJ CLO CLOS CLPR CLR CLSR C.O.G. CMP CMPSN CMPT CNDS CO COL COMB. COMP CONC COND	AMPERE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS ANCHOR BOLT ABOUT ABUTMENT ABOVE ALTERNATING CURRENT, AIR CONDITIONING UNIT AMERICAN CONCRETE INSTITUTE ASBESTOS CONTAINING MATERIAL ACOUSTICAL CONCRETE MASONRY UNITS ACCESS ACOUSTIC, ACOUSTICAL ACOUSTIC CEILING TILE ACCESS DOOR ADDITIONAL ADHESIVE ADJACENT ADMINISTRATIVE ABOVE FINISH FLOOR AQUEOUS FILM FORMING FOAM AIRFLOW MEASURING STATION AGGREGATE AIR HANDLING, AIR-HANDLING UNIT ANCHOR AMPERE INTERRUPTING CAPACITY AMERICAN INSTITUTE OF STEEL CONSTRUCTION ALUMINUM ALTERNATE AMMETER AMPERAGE AMERICAN NATIONAL STANDARDS INSTITUTE ACCESS PANEL APPROVED APPROXIMATE ARCHITECTURAL AMERICAN RAILWAY ENGINEERING ASSOCIATION ASBESTOS ASPHALT ASSEMBLY AMERICAN SOCIETY FOR TESTING AND MATERIALS ASYMMETRICAL AUTOMATIC TRANSFER SWITCH AUTOMATIC AUXILIARY AIR VENT, AUDIOVISUAL, ACID VENT AVERAGE ACID WASTE DRAIN AMERICAN WIRE GAUGE AMERICAN WELDING SOCIETY AMERICAN WATER WORKS ASSOCIATION INTEGRALLY MOUNTED EMERGENCY BATTERY BALANCE BULLETIN BOARD BALL & BURLAP BOILER BLOW DOWN BOLT CIRCLE, BOTTOM OF CURB BOARD BUNDLE BRICK EXPANSION JOINT BETWEEN BLIND FLANGE BOTTOM GRILLE BITUMINOUS BUILDING LINE, BASE LINE BUILDING BLOCK, BLOCKING BELOW BEAM, BENCH MARK BOTTOM BASE PLATE, BACKFLOW PREVENTER, BEARING PLATE BARE ROOT, BOTTOM REGISTER BEARING BRICK BREAKER BRACKET BRONZE BASEMENT BENT BUILT-UP BUILT-UP ROOF(ING) COURSE, COLD CONDENSER WATER, CONVECTOR, CELSIUS DEGREES, CELSIUS CENTER TO CENTER CURB & GUTTER CABINET CAPACITY CATCH BASIN CLOSED CIRCUIT TELEVISION CEILING DIFFUSER CENTRIFUGAL CELLULAR FLOOR CORNER GUARD, CHANGE OF GRADE, CEILING GRILLE CABINET HEATER, CHORD CHAMFER CHALKBOARD CHEMICAL CHISELED CHECKER, CHECKERED CAST IRON CAST IN PLACE CIRCULAR, CIRCUMFERENCE CONSTRUCTION JOINT CIRCUIT CENTER LINE CEILING CONTROL JOINT CLOSET CLOSURE CALIPER CLEAR CEILING LINEAR SLOT DIFFUSER CEILING LINEAR SLOT RETURN CHANGE OF GRADE CORRUGATED METAL PIPE COMPOSITION CONCRETE MASONRY UNITS CONDUIT CONDENSATE, CONDUITS CLEANOUT, COUNTY COLUMN COMBINATION COMPRESSION, COMPRESSED CONCRETE CONDUCTOR, CONDUCTIVE, CONDENSER, CONDENSATE	CONN CONST CONT CONTR COORD CORR COV CP CPT CR CSD CT CTR CTSK CTWT CU CULV CV CW CWB D DB DBL DC DEC DEFL DEGR DEM DEPR DEPT DET DI DIA DIAG DIFF DIM. DIP. DIR DISC. DISCH DISP DIV DK DL DMH DML DMPR DN DP DR DS DSD DUP DVTL DW DWD DWG DWL DWX E EA E.A.T. EF EFLUENT EJ EL ELEC ELEV EMER ENCL ENGR ENT ENTR EOL EP EQL EQPT EV EWC E.W.T. EXC EXH EXP EXPN EXST EXT EXTN F F & T FAB FACP FC FD FDC FDN FDR FE FEC FES FGL FH FHC FHYD FIG. FIN. FL FLEX. FLG FLSH FLUOR FOB FPRF FR FRIC FRZR FS FTG FUR FURN FUT	CONNECT, CONNECTION CONSTRUCTION CONTINUOUS, CONTINUATION CONTRACT, CONTRACTOR COORDINATE CORRIDOR, CORRUGATED COVER CEMENT PLASTER CARPET CEILING REGISTER CELLULAR STEEL DECK CERAMIC TILE CENTER COUNTERSUNK COUNTERWEIGHT CUBIC, COPPER CULVERT CONVERTER DOMESTIC COLD WATER CAPILLARY WATER BARRIER DEPTH, DEGREE OF CURVE, DIMMER SWITCH, DRAINLINE, MOUNTED IN DUCT DRY BULB, DIRECT BURIAL, DUCT BANK, DECIBELS DOUBLE DIRECT CURRENT DECIDUOUS DEFLECT, DEFLECTION DEGREE DEMOUNTABLE DEPRESSED DEPARTMENT DETAIL DRINKING FOUNTAIN DUCT WATER, DOOR HOLDER DROP INLET, DUCTILE IRON DIAMETER DIAGRAM, DIAGONAL DIFFER DIMENSION DUCTILE IRON PIPE DISCONNECT DISCHARGE DISPENSER DIVISION DECK DEAD LOAD DROP MANHOLE DEMOLITION, DEMOLISH DAMPER DOWN DAMP-PROOFING DOOR, DRIVE DOWNSPOUT, DRIP STATION, DIGESTED SLUDGE DUCT SMOKE DETECTOR DUPLICATE DOVETAIL DRAINAGE DRAWING DOWEL DRAIN, WASTE, AND VENT DUPLEX, DRIVE EAST, EMERGENCY CIRCUIT EACH ENTERING AIR TEMPERATURE EACH FACE EFFLUENT EXPANSION JOINT ELEVATION ELECTRIC, ELECTRICAL EXPANDED METAL EMERGENCY ENCLOSE, ENCLOSURE ENGINEER ENTERING ENTRANCE END OF LINE EXPLOSION-PROOF, EDGE OF PAVEMENT EQUIPMENT EVERGREEN EACH WAY ELECTRIC WATER COOLER ENTERING WATER TEMPERATURE EXCAVATE, EXCAVATION EXHAUST EXPOSED EXPANSION EXISTING EXTERIOR, EXTERNAL EXTENSION FIRE ALARM, FAN FLOAT AND THERMOSTATIC FABRICATE FIRE ALARM CONTROL PANEL FAN COIL UNIT FLOOR DRAIN, FIRE DAMPER FIRE DEPARTMENT CONNECTION FOUNDATION FEEDER FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FLARED END SECTION FIBERGLASS FIRE HOSE FIRE HOSE CABINET FIRE HYDRANT FIGURE FINISH FLOOR, FLASHING FLAT OVAL FLEXIBLE FLANGE FLASHING FLUORESCENT FACE OF BRICK FIREPROOF FROM FRICTION FREEZER FAR SIDE, FULL SIZE, FLOW SWITCH FOOTING FURRED, FURRING FURNISH FUTURE	G GA GALV GC GCMU GDR GEN GFE GFECI GFI GFM GHZ GI GL GND GOVT GR GRAD GRIL GSL GTV GVL GWB GYP H HB HBD HC HD HDPE HDR HDW HDWD HDWL HGR HGT H.I.D. HM HORIZ HPS HPT HR HTG HS HTR HV HW HWC HWL HYD HZ I ID INCAND INCL INCR IND INFL INSTL INSUL INT INTMD INTR INV IP IR ISOL J JB JC JCT JOIST JT K KCM KCP kg kg/S kHz km kn KO kPa kv kVA kW kWh L L/S LA LAB LAM LAT L.A.T. LAV LCO LG LIQ LKR LL LLH LV LOC LONG. LPT LPS LR LS LT LTV LVR LW LWC LWL L.W.T. M MACH MATL MAX MBR MCC MECH MJ MEMB MET.	GAS, GAS MAIN OR SERVICE LINE, GROUND ROD, GRAM GAGE, GAUGE GALVANIZE, GALVANIZED GROUND, GROUNDPOISE GLAZED CONCRETE MASONRY UNIT GUARDRAIL GENERATOR GOVERNMENT FURNISHED EQUIPMENT GOVERNMENT FURNISHED EQUIPMENT, CONTRACTOR INSTALLED GROUND FAULT INTERRUPTER GOVERNMENT FURNISHED MATERIAL GIGAHERTZ GALVANIZED IRON GLASS GROUND GOVERNMENT GRADE GRADIATED GRILLE GLAZED STRUCTURAL UNITS GATE VALVE GRAVEL GYPSUM WALLBOARD GYPSUM HATCH HOSE BIBB HARDBOARD HANDICAPPED HEAD, HEAT DETECTOR HIGH DENSITY POLYETHYLENE HANDRAIL HARDWARE HARDWOOD HEADWALL HANGER HEIGHT HIGH-INTENSITY DISCHARGE HOLLOW METAL HORIZONTAL OUTSIDE DIAMETER HIGH POINT HOUR HEATING HORIZONTAL SLOT HEATER HIGH VOLTAGE, HEATING-VENTILATING UNIT DOMESTIC HOT WATER DOMESTIC HOT WATER CIRCULATING HIGH-WATER LINE HYDRANT HERTZ INTERCOM INSIDE DIAMETER INCANDESCENT INCLUSIVE INCREMENT INDUCTION INFLUENT INSTALL, INSTALLATION INSULATION, INSULATED, INSULATOR, INSULATING INTEGRATED INTERMEDIATE INTERIOR INVERT, INVERSE IRON PIN IRRIGATION ISOLATOR JUNCTION BOX JANITOR'S CLOSET JUNCTION JOIST JOINT KEY OPERATED, KILO, KELVIN THOUSAND CIRCULAR MILS KEENE'S CEMENT PLASTER KILOGRAM KILOGRAM PER SECOND KILOHERTZ KILOMETER KILOWATT KILOWATT HOUR LEFT, LENGTH OF CURVE LITERS PER SECOND LIGHTNING ARRESTER LABORATORY LAMINATE LATITUDE, LATERAL LEAVING AIR TEMPERATURE LAVATORY LACING LENGTH, LONG LIQUID LOCKER LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL LOCATE LONGITUDINAL LOW POINT LOW PRESSURE SODIUM LONG RADIUS, LINEAR REGISTER LUMP SUM, LIMIT SWITCH LIGHT LIGHTING LOW VOLTAGE LOUVER LONG WAY LIGHTWEIGHT CONCRETE LOW-WATER LINE LEAVING WATER TEMPERATURE MANUAL, MICROPHONE JACK METER MACHINE MATERIAL MAXIMUM MEMBER MOTOR CONTROL CENTER MECHANICAL MECHANICAL JOINT MEMBRANE METAL	MFR MH MHZ MID MIN MISC MK MKBD mm MO MONUM MPa MR MSL MT MTD MTG MTR MTZ MUL MWP N NA N.C. N & D NEC NEUT NFPA NIC N.O. NOS NOM NPRN NPW NRS NS NST NTS O TO O OA OC OD O.F. OFCI OPNS OPP OS&Y OVHD PA PB PB PC PCC PCP PCSP PD PED PEJ PF P.F. PG PH PI PIV PL PLAM PLAS PLAT PLYMID PNL PNT POB POL PR PRC PRESS. PRI PRL PROV P.R.S. PRV PS PSC PT PTN PVC PVI PVM PVT PWR QT R R/W RA RAD RAS RBR RCP RCPT RCVG RCVR RD RDCR RECC RECC RECT RED. REF REFL REFR REINFC REM REQD RESIL REV RF RFI RFG RFGT RFH RL RM RND RO RPM REPTA RS RTE	MANUFACTURER MANHOLE, MOUNTING HEIGHT, METAL HALIDE MEGAHERTZ MIDDLE MINIMUM MISCELLANEOUS MARK MARKER BOARD MILLIMETER MASONRY OPENING MONUMENT MEGAPASCAL MOP RECEPTOR MEAN SEA LEVEL MOUNTED MOUNTING MOTOR MOTORIZED MULLION MEMBRANE WATERPROOFING NORTH, NEWTON NOT APPLICABLE NORMALLY CLOSED NAIL AND DISC NATIONAL ELECTRICAL CODE NEUTRAL NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER, NUMBERS NOMINAL NEOPRENE NONPOTABLE WATER NONRISING STEM NEAR SIDE NONSLIP TREAD NOT TO SCALE OUT TO OUT OVERALL, OUTSIDE AIR ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OWNER-FURNISHED CONTRACTOR-INSTALLED OPENING OPPOSITE OUTSIDE SCREW AND YOKE OVERHEAD POLE, POWER, PUMP PIPE ANCHOR PUSH BUTTON, PANELBOARD POINT OF CURVE, PIECE POINT OF COMPOUND CURVE, PRECAST CONCRETE PRECAST CONCRETE PANEL PRECAST CONCRETE SANDWICH PANEL PRESSURE DROP PEDESTAL PREMOLDED EXPANSION JOINT POROUS FIL POWER FACTOR PIPE GUIDE PHASE, PENTHOUSE POINT OF INTERSECTION POST INDICATOR VALVE PLATE, PROPERTY LINE PLASTIC LAMINATE PLASTER PLATFORM PLYWOOD PANEL PAINT, PAINTED POINT OF BEGINNING POLISH, POINT ON LINE PAIR POINT OF REVERSE CURVE PRESSURE PRIMARY PARALLEL PROVIDED PRESSURE REDUCING STATION PRESSURE REDUCING VALVE, POWER ROOF VENTILATOR PRESSURE SWITCH PRESTRESSED CONCRETE POINT OF TANGENT PARTITION POINT OF VERTICAL CURVE, POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION PAVEMENT POINT OF VERTICAL TANGENT, PRIVATE POWER QUARRY TILE ROUND (DIAMETER), PHASE RISER, RIGHT, RADIUS RIGHT OF WAY RETURN AIR RADIUS RADIUS RETURN ACTIVATED SLUDGE RUBBER REINFORCED CONCRETE PIPE RECEPTACLE RECEIVING RECEIVER ROOF DRAIN, ROAD REDUCER RECESS RECEIR RECT REDUCING REFERENCE REFLECTED REFRIGERATOR REINFORCE, REINFORCEMENT, REINFORCED REMAINDER REQUIRED RESILIENT REVISION ROOF, RADIO FREQUENCY RADIO FREQUENCY INTERFERENCE ROOFING REFRIGERANT ROOF HATCH ROOF LEADER, REFRIGERANT LIQUID ROOM ROUND ROUGH OPENING REVOLUTIONS PER MINUTE REPEATER REFRIGERANT SUCTION ROUTE	RVT S SA SAN SCHED SD SEC SECT. SFP SH SHV SIM SK SMR SMT SOG SP SPD SPEC SPMR SPR SPRT SPS SQ SS SSD SSK SST ST STA STD STER STIF STIR. STL STOR STR STRCL STRUC SUBSTA SUP SURF. SUSP SV SVCE SW SWBD SWGR SYMM SYS T T & B T & G T & P TBM TC TD TDC TEL TEMP TER TERM. TFC TG THERM. THK THR TKBD TLSD TMV TOC TOS TOT TOW. TR TRANSV TRTD TS TSLD T'STAT TU TV TYP UC UFD UG UH UHF U.L. ULT UNIF UNO UPS UR U.S. UTIL V VAC VAV VB	REINFORCED VINYL TILE SOUTH, SANITARY SEWER, SPEAKER, SWITCH, SUPPLY, SECOND SUPPLY AIR SANITARY SCHEDULE STORM DRAIN, SMOKE DETECTOR SECONDARY SECTION SPRAYED FIRE PROTECTION SHEET SHELVING SIMILAR SKETCH SURFACE METAL RACEWAY SEALANT SLAB ON GRADE SPACE, SPACES, STATIC PRESSURE STATIC PRESSURE DROP SPECIFICATION SINGLE-PLY MEMBRANE ROOF SPRINKLER SUPPORT STATIC PRESSURE SENSOR SQUARE SANITARY SEWER SUBSURFACE DRAIN SOIL STACK STAINLESS STEEL STREET, STORY, STEAM, STEAM SUPPLY STANDARD STERILIZER STIFFENER STIRRUP SIDE STORAGE STRAIGHT STRUCTURAL STRUCTURE SUBSTATION SUPPLY SURFACE SUSPENDED SHEET VINYL, STEAM VENT SERVICE SHORT WAY, SWITCH, SIDEWALK SWITCHBOARD SWITCHGEAR SYMMETRICAL SYSTEM TREAD, TOP, TANGENT, TELEPHONE, THICKNESS TOP AND BOTTOM TONGUE AND GROOVE TEMPERATURE AND PRESSURE TROWEL APPLIED FINISH TEMPORARY BENCH MARK TOP OF CURB TRENCH DUCT TURNED DOWN CURB TELEPHONE TEMPERATURE, TEMPERED, TEMPORARY TERRAZZO TERMINAL TETRAFLUOROETHYLENE TOP GRILLE THERMOMETER THICK THRESHOLD TACKBOARD TOP LINEAR SLOT DIFFUSER THERMAL MIXING VALVE TOP OF CONCRETE TOP OF STEEL TOTAL TOP OF WALL TOP REGISTER TRANSVERSE TREATED TEMPERATURE STEEL, TIME SWITCH, TAMPER SWITCH, TEMPERATURE SWITCH, THICKENED SLUDGE TOP STRIP LINE DIFFUSER THERMOSTAT TERMINAL UNIT TELEVISION, TELEVISION OUTLET TYPICAL UNDERCUT UNDER FLOOR DUCT UNDERGROUND UNIT HEATER ULTRAHIGH FREQUENCY UNDERWRITERS LABORATORY ULTIMATE UNIFORM UNLESS NOTED OTHERWISE UNINTERRUPTIBLE POWER SUPPLY URINAL URINAL SCREEN UTILITY VOLTAGE, VOLT, VENT, VALVE VACUUM, VOLTS AC VARIABLE AIR VOLUME VAPOR BARRIER	VC VCT VD VDC VEL VENT. VERT VEST. VHF VIB VIF VIN VOL VM VS VT VTR VWC W W/ W/O WA WAS WB WC WD WDO WFD WG WH WHA WHS WI WL WP WPF WRT WS WST WTR WTS WWF XARM XFR XMR YHYD	VERTICAL CURVE VINYL COMPOSITION TILE VOLUME DAMPER VOLTS DC VELOCITY VENTILATE VERTICAL VESTIBULE VERY HIGH FREQUENCY VIBRATION VERIFY IN FIELD VINYL VOLUME VOLT-METER VERTICAL SLOT VINYL TILE VENT THRU ROOF VINYL WALL COVERING WEST, WATT, WIDE, WATER MAIN OR SERVICE LINE WITH WITHOUT WAINSCOT WASTE ACTIVATED SLUDGE WET BULB WATER CLOSET WOOD, WIDTH WINDOW WATER FLOW DETECTOR WATER GAGE WALL HYDRANT WATER HAMMER ARRESTER WELDED HEADED STUD WROUGHT IRON WIND LOAD, WATER LINE WORKING POINT, WEATHERPROOF WITH RESPECT TO WATER SURFACE, WATERSTOP WASTE WEIGHT WATER WELDED THREADED STUD WELDED WIRE FABRIC CROSS ARM TRANSFER TRANSFORMER TRANSMITTER YARD HYDRANT
--	--	---	--	---	---	---	---	---	--	---	--

REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	BDL/RAA	CITY OF ROANOKE RAILSIDE LINEAR WALK		
DRAWN	RAA			
CHECKED	MWS			
APPROVED				
SUBMITTED		ABBREVIATIONS		
HAYES, SEAY, MATTERN & MATTERN, INC.		SCALE	COMM.	
ARCHITECTS - ENGINEERS - PLANNERS		NONE	NO.	7288
ROANOKE, VIRGINIA		DATE	SHEET	
		SEPT. 17 1999	G2	