

AB	ANCHOR BOLT	EW	ANCHOR BOLT	PLYWD	PLYWOOD	MATERIALS SYMBOLS		EXISTING		NEW		DESCRIPTION
ABAN	ABANDON OR ABANDONED	EXIST	EXISTING	POL	POINT ON LINE		METAL					BUILDING WITH PORCH OR STOOP
ABUT	ABUTEMENT	EXP	EXPANSION	PP	POWER POLE		BRICK					FOUNDATION ONLY
ABV	ABOVE	EXT	EXTERIOR	POT	POINT ON TANGENT		CONCRETE MASONRY					CONTOUR, CONTOUR WITH ELEVATION
ACT	ACOUSTICAL	FR	FRAME	PRC	POINT OF REVERSE CURVE		CONCRETE					SPOT ELEVATION
ADD	ADDITIONAL	FD	FLOOR DRAIN	PSI	POUNDS PER SQUARE INCH		GROUT OR FINISHED CONCRETE					CONCRETE CURB
ADJ	ADJACENT	FDN	FOUNDATION	PT	POINT OF TANGENT		INSULATION (RIGID)					CONCRETE CURB & GUTTER
AFF	ABOVE FINISH FLOOR	FES	FLARED END SECTION	PVC	POLYVINYL CHLORIDE		WOOD BLOCKING					CONCRETE WALK OR SLAB
AGGR	AGGREGATE	FF	FINISH FLOOR	PVI	POINT OF VERTICAL INTERSECTION		FINISHED WOOD OR PLYWOOD					PAVEMENT
ALUM	ALUMINUM	FFE	FINISHED FLOOR ELEVATION	PVMT	PAVEMENT		GRAVEL OR STONE					UNPAVED OR GRAVEL ROAD
ALT	ALTERNATE	FH	FIRE HYDRANT	PVT	PRIVATE		EARTH					TREE LINE
ANC	ANCHOR	FIG	FIGURE	R	RADIUS, RISER							TREE OR SHRUB
APPROX	APPROXIMATE	FIN	FINISH	RAS	RETURN ACTIVATED SLUDGE							FENCE
ARCH	ARCHITECTURAL	FIXT	FIXTURE	RR	RAIL ROAD							CENTERLINE CREEK , SWALE OR DITCH
AWWA	AMERICAN WATER WORKS ASSOCIATION	FL	FLOOR	RCP	REINFORCED CONCRETE PIPE							PROPERTY LINE
AVG	AVERAGE	FLEX	FLEXIBLE	RD	ROOF DRAIN, ROAD							CENTERLINE OR BASELINE
BIT	BITUMINOUS	FLG	FLANGE	RDCR	REDUCER							LIMIT OF WORK LINE
BJ	BELL JOINT	FT	FOOT	RECPT	RECEPTACLE							FIELD SURVEY TRAVERSE POINT
BL	BASE LINE	FTG	FOOTING	RECT	RECTANGULAR							P.C. OR P.T.
BEG	BEGIN OR BEGINNING	FUT	FUTURE	REINF	REINFORCE, REINFORCEMENT							GEOLOGIC BORE HOLE
BLDG	BUILDING	GAL	GALLON	REF	REFERENCE							STORM DRAIN AND ENDWALL
BLKG	BLOCKING	GALV	GALVANIZED	REL	RELOCATED							SANITARY SEWER
BM	BENCH MARK, BEAM	GAR	GARAGE	REQD	REQUIRED							FORCE MAIN
BOTT	BOTTOM	GND	GROUND	REV	REVISION							GAS MAIN OR SERVICE LINE
BP	BYPASS	GR	GRAVEL	RTE	ROUTE							WATER MAIN OR SERVICE LINE
BRG	BEARING	GOVT	GOVERNMENT	RT	RIGHT							ELECTRICAL LINE
BSMT	BASEMENT	GPM	GALLONS PER MINUTE	R/W	RIGHT OF WAY							UNDERGROUND ELECTRICAL LINE
BV	BUTTERFLY VALVE	GRTG	GRATING	S	SANITARY SEWER, SOUTH, SWITCH							PIPE FITTINGS
C	CHANNEL, COLD	GV	GATE VALVE	SAN	SANITARY							FIRE HYDRANT
C/C, C TO C	CENTER TO CENTER	GW	GRAY WATER	SCH	SCHEDULE							GATE VALVE
CAB	CABINET	H	HOT	SD	STORM DRAIN							CLEANOUT
CAP	CAPACITY	HB	HOSE BIBB	SECT	SECTION							MANHOLE
CF	CUBIC FEET	HK	HOOK	SER	SERVICE							DROP INLET (CURB AND GRATING TYPES)
CG	CHANGE OF GRADE	HM	HOLLOW METAL	SH	SHEET							G.M. - GAS METER, W.M. - WATER METER
C & G	CURB AND GUTTER	HOR, HORIZ	HORIZONTAL	SHTG	SHEETING							TELEPHONE LINE
CI	CAST IRON	HP	HORSE POWER	SIM	SIMILAR							TELEPHONE POLE, GUY AND ANCHOR
CIRC	CIRCULAR	HPT	HIGH POINT	SPEC	SPECIFICATION							POWER POLE, GUY AND ANCHOR
OKT	CIRCUIT	HYD	HYDRANT	SQ	SQUARE							LIGHT POLE
CL	CENTER LINE	ID	INSIDE DIAMETER	SS	STAINLESS STEEL							TELEPHONE PEDESTAL
CLR	CLEAR	IN	INCH	ST	STREET							BURIED TELEPHONE VAULT
CONST	CONSTRUCTION	INSUL	INSULATION	STA	STATION							ABANDON OR REMOVE
COR	CORNER	INV	INVERT	STD	STANDARD							PAVED DITCH
CMP	CORRUGATED METAL PIPE	IP	IRON PIN	STL	STEEL							DRIVEWAY CULVERT
CMU	CONCRETE MASONRY UNITS	JT	JOINT	STRUCT	STRUCTURAL							CULVERT WITH FLARED END SECTION
CND	CONDUIT	JB	JUNCTION BOX	STY	STORY							WATER VALVE
CO	CLEAN OUT	L	LENGTH, LONG	SUR	SURVEY							HUB AND TACK
COMB	COMBINATION	LF	LINEAL FOOT	SURF	SURFACE							COORDINATE POINT
CONC	CONCRETE	LG	LONG	S/W	SIDEWALK							
CONN	CONNECT, CONNECTION	LP	LIGHT POLE	SYMM	SYMMETRICAL							
CONT	CONTINUOUS, CONTROL	LR	LONG RADIUS	T	TREAD, TOP							
CONTR	CONTRACTOR	LT	LEFT	T & B	TOP AND BOTTOM							
CONV	CONVEYOR	LTG	LIGHTING	TDC	TURNED DOWN CURB							
CP	COORDINATE POINT	MACH	MACHINERY	TELE	TELEPHONE							
CR STONE	CRUSHED STONE	MAS	MASONRY	TEMP	TEMPORARY							
CTR	CENTER	MATL	MATERIAL	THK	THICK							
CULV	CULVERT	MAX	MAXIMUM	TP	TELEPHONE POLE							
CY	CUBIC YARD	MECH	MECHANICAL	TRTD	TREATED							
D	DEPTH OR DEGREE OF CURVE	MFR	MANUFACTURER	TS	TOP OF SLAB							
DEPT	DEPARTMENT	MH	MANHOLE, MOUNTING HEIGHT	TV	TELEVISION							
DF	DRINKING FOUNTAIN	MIN	MINIMUM	TW	TOP OF WALL							
DI	DROP INLET, DUCTILE IRON	MISC	MISCELLANEOUS	TYP	TYPICAL							
DIA	DIAMETER	MJ	MECHANICAL JOINT	UG	UNDERGROUND							
DIM	DIMENSION	MO	MASONRY OPENING	UON	UNLESS OTHERWISE NOTED							
DISC	DISCONNECT	MON	MONUMENT	U.S.C.&G.S.	UNITED STATES COAST AND GEODETIC SURVEY							
DMH	DROP MANHOLE	MTD	MOUNTED	USGS	UNITED STATES GEOLOGICAL SURVEY							
DN	DOWN	MTG	MOUNTING									
DR	DRIVE	MTL	METAL									
DS	DOWN SPOUT	MV	MUD VALVE									
DTL	DETAIL	N & C	NAIL AND CAP									
DW,D/W	DRIVEWAY	NIC	NOT IN CONTRACT									
DWL	DWELLING	NO	NUMBER									
DWG	DRAWING	NTS	NOT TO SCALE									
E	EAST	OC	ON CENTERS									
EA	EACH	OD	OUTSIDE DIAMETER									
E.B.L.	EASTBOUND LANE	OPER	OPERATOR									
EF	EACH FACE	OPNG	OPENING									
EJ	EXPANSION JOINT	OPP	OPPOSITE									
EL, ELEV	ELEVATION	PC	POINT OF CURVE									
ELEC	ELECTRICAL	PCC	POINT OF COMPOUND									
ENGR	ENGINEER	PER	PERIMETER									
ENTR	ENTRANCE	PERF	PERFORATED									
EOL	END OF LINE	PERP	PERPENDICULAR									
EP	EDGE OF PAVEMENT	PI	POINT OF INTERSECTION									
EQ	EQUAL	PIV	POST INDICATOR VALVE									
EQPT	EQUIPMENT	PL	PLATE, PROPERTY LINE									

	DESIGNED: BCC		REV.	DATE	DESCRIPTION	BY	APP.	DATE	NOVEMBER 1993	ROANOKE CENTRE FOR INDUSTRY & TECHNOLOGY WATER STORAGE TANK – CONTRACT I	SHEET
Mattern & Craig	DRAWN: SMM								COMM. NO.	CITY OF ROANOKE, VIRGINIA	3
CONSULTING ENGINEERS – SURVEYORS	CHECKED:								1165G	GENERAL ABBREVIATIONS AND LEGEND	

	CULVERT INLET PROTECTION		STORM DRAIN INLET PROTECTION		TEMPORARY GRAVEL CONSTRUCTION ENTRANCE		RIPRAP		SILT FENCE
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