AB	ANCHOR BOLT	EW	EACH WAY, ENDWALL	PLYWD	PLYWOOD				
ABAN	ABANDON OR ABANDONED	EXIST	EXISTING	POL	POINT ON LINE	MATERIALS SYMBOLS	EXISTING	<u>NEW</u>	DESCRIPTION
ABUT	ABUTEMENT	EXP	EXPANSION	PP	POWER POLE			Pro skil	
ABV	ABOVE	EXT	EXTERIOR	POT	POINT ON TANGENT	///// METAL			BUILDING WITH PORCH OR STOOP
ACT	ACOUSTICAL.	FR	FRAME	PRC	POINT OF REVERSE CURVE	[/////// WETAL		 	FOUNDATION ONLY
ADD	ADDITIONAL	FD	FLOOR DRAIN	PSI	POUNDS PER SQUARE INCH	BRICK	35		
ADJ	ADJACENT ABOVE FINISH FLOOR	FDN FES	FOUNDATION FLARED END SECTION	PVC	POINT OF TANGENT POLYVINYL CHLORIDE			35	CONTOUR, CONTOUR WITH ELEVATION
AFF AGGR	AGGREGATE	FF FES	FINISH FLOOR	PVI	POINT OF VERTICAL INTERSECTION	CONCRETE	* 20.0 E OR OF	[★] 20.0 OR ×1025	SPOT ELEVATION
ALUM	ALUMINUM	FFE	FINISHED FLOOR ELEVATION	PVMT	PAVEMENT				CONCRETE CURB
ALT	ALTERNATE	FH	FIRE HYDRANT	PVT	PRIVATE	VAYVAY CONCRETE			CONCRETE CURB & GUTTER
ANC	ANCHOR	FIG	FIGURE	R	RADIUS, RISER				
APPROX	APPROXIMATE	FIN	FINISH	RAS	RETURN ACTIVATED SLUDGE	GROUT OR FINISHED CONCRETE		行いけつスペープ	CONCRETE WALK OR SLAB
ARCH	ARCHITECTURAL	FIXT	FIXTURE	RR	RAIL ROAD				PAVEMENT
AWWA	AMERICAN WATER WORKS ASSOCIATION	FL	FLOOR	RCP	REINFORCED CONCRETE PIPE	INSULATION (RIGID)			UNPAVED OR GRAVEL ROAD
AVG	AVERAGE BITUMINOUS	FLEX FLG	FLEXIBLE FLANGE	RD RDCR	ROOF DRAIN, ROAD REDUCER		-	mm	TREE LINE
B.I	BELL JOINT	FT	FOOT	RECPT	RECEPTACLE	WOOD BLOCKING	ξων.		
BL	BASE LINE	FTG	FOOTING	RECT	RECTANGULAR	FINISHED WOOD	€3	○ OF	TREE OR SHRUB
BEG	BEGIN OR BEGINNING	FUT	FUTURE	REINF	REINFORCE, REINFORCEMENT	FINISHED WOOD OR PLYWOOD	x	_	FENCE
BLDG	BUILDING	GAL	GALLON	REF	REFERANCE	GRAVEL OR	×000 000 000	···	CENTERLINE CREEK , SWALE OR DITCH
BLKG	BLOCKING	GALV	GALVINIZED	REL	RELOCATED	STONE STONE	R	P	PROPERTY LINE
BM	BENCH MARK, BEAM	GAR	GARAGE	REQD	REQUIRED	EARTH		, <u> </u>	
BOTT	BOTTOM	GND GR	GROUND	REV RTE	REVISION ROUTE		— Q——— B——	— £—— <u>B</u> ——	CENTERLINE OR BASELINE
BRG	BYPASS BEARING	GOVT	GRAVEL GOVERNMENT	RT	RIGHT				LIMIT OF WORK LINE
BSMT	BASEMENT	GPM	GALLONS PER MINUTE	R/W	RIGHT OF WAY		lack	^	FIELD SURVEY TRAVERSE POINT
BV	BUTTERFLY VALVE	GRTG	GRATING	s	SANITARY SEWER, SOUTH, SWITCH		_	0	P.C. OR P.T.
C	CHANNEL, COLD	GV	GATE VALVE	SAN	SANITARY		→	∪ ⁄ h .	GEOLOGIC BORE HOLE
C/C, C TO C	CENTER TO CENTER	GW	GRAY WATER	SCH	SCHEDULE		₩	₩**	
CAB	CABINET	H	HOT	SD	STORM DRAIN			——►SD——I	STORM DRAIN AND ENDWALL
CAP	CAPACITY	HB	HOSE BIBB	SECT	SECTION		S	s	SANITARY SEWER
CF CG	CUBIC FEET CHANGE OF GRADE	HK HM	HOOK HOLLOW METAL	SER SH	SERVICE SHEET		FM	——— FM———	FORCE MAIN
C & G	CHANGE OF GRADE CURB AND GUTTER	HOR, HORIZ	HOLLOW METAL HORIZONTAL	SHTG	SHEETING		C -		GAS MAIN OR SERVICE LINE
CI	CAST IRON	HP	HORSE POWER	SIM	SIMILAR				
CIRC	CIRCULAR	HPT	HIGH POINT	SPEC	SPECIFICATION		W		WATER MAIN OR SERVICE LINE
СКТ	CIRCUIT	HYD	HYDRANT	SQ	SQUARE		<u>E</u>	E	ELECTRICAL LINE
CL	CENTER LINE	ID	INSIDE DIAMETER	SS	STAINLESS STEEL		UE	IIF	UNDERGROUND ELECTRICAL LINE
CLR	CLEAR	IN	INCH	ST	STREET			<u>کــــــــ</u> ــــــــــــــــــــــــــــ	PIPE FITTINGS
CONST	CONSTRUCTION CORNER	INSUL	INSULATION INVERT	STA STD	STATION STANDARD		T	'†	
COR CMP	CORRUGATED METAL PIPE	IP	IRON PIN	STL	STEEL		-		FIRE HYDRANT
CMU	CONCRETE MASONRY UNITS	l "T	JOINT	STRUCT	STRUCTURAL		-⊗-OR -∞-	OR N	GATE VALVE
CND	CONDUIT	JB	JUNCTION BOX	STY	STORY		<u>_</u>	co	CLEANOUT
СО	CLEAN OUT	L	LENGTH, LONG	SUR	SURVEY				MANHOLE
СОМВ	COMBINATION	LF	LINEAL FOOT	SURF	SURFACE				
CONC	CONCRETE	LG	LONG	S/W	SIDEWALK				DROP INLET (CURB AND GRATING TYPES)
CONN	CONNECT, CONNECTION	LP	LIGHT POLE	SYMM	SYMMETRICAL TOP		GMo o WM	-GMWM-	G.M. — GAS METER, W.M. — WATER METE
CONT CONTR	CONTINUOUS, CONTROL CONTRACTOR	LK	LONG RADIUS LEFT	T & B	TREAD, TOP TOP AND BOTTOM			T	TELEPHONE LINE
CONV	CONVEYOR	LTG	LIGHTING	TDC	TURNED DOWN CURB		<u>,</u>	i	TELEPHONE POLE, GUY AND ANCHOR
CP	COORDINATE POINT	MACH	MACHINERY	TELE	TELEPHONE			-	
CR STONE	CRUSHED STONE	MAS	MASONRY	TEMP	TEMPORARY			ф	POWER POLE, GUY AND ANCHOR
CTR	CENTER	MATL	MATERIAL	THK	THICK		<u> </u>		LIGHT POLE
CULV	CULVERT	MAX	MAXIMUM	TP	TELEPHONE POLE	· ·	T	T	TELEPHONE PEDESTAL
CY	CUBIC YARD	MECH	MECHANICAL.	TRTD	TREATED TOP OF SUAD				BURIED TELEPHONE VAULT
DEPT	DEPTH OR DEGREE OF CURVE DEPARTMENT	MFR MH	MANUFACTURER MANHOLE, MOUNTING HEIGHT	15 TV	TOP OF SLAB TELEVISION			,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	
DEPT	DRINKING FOUNTAIN	MIN	MINIMUM	TW	TOP OF WALL			// // // // //	ABANDON OR REMOVE
DI	DROP INLET, DUCTILE IRON	MISC	MISCELLANEOUS	TYP	TYPICAL				PAVED DITCH
DIA	DIAMETER	MJ	MECHANICAL JOINT	UG	UNDERGROUND		,		DRIVEWAY CULVERT
DIM	DIMENSION	МО	MASONRY OPENING	UON	UNLESS OTHERWISE NOTED				CULVERT WITH FLARED END SECTION
DISC	DISCONNECT	MON	MONUMENT	U.S.C.&G.S.	UNITED STATES COAST AND		OR OR	OR	OCEVERY WITH TEMES END SECTION
DMH	DROP MANHOLE	MTD	MOUNTED	11000	GEODETIC SURVEY		>- -	>	
DN DR	DOWN DRIVE	MTG MTL	MOUNTING METAL	USGS	UNITED STATES GEOLOGICAL SURVEY		<u> </u>		
DS	DOWN SPOUT	MV	MUD VALVE	V, VAL	VALVE		⊗ WV	❷	WATER VALVE
DTL	DETAIL	N & C	NAIL AND CAP	VAP BAR	VALVE VAPOR BARRIER		•		
DW,D/W	DRIVEWAY	NIC	NOT IN CONTRACT	VC	VERTICAL CURVE		О н/т		HUB AND TACK
DWL	DWELLING	NO	NUMBER	VERT	VERTICAL		₩ CP #1001	₩ CP #1001	COORDINATE POINT
DWG	DRAWING	NTS	NOT TO SCALE	VOL	VOLUME		"	u · · · · ·	
E	EAST	000	ON CENTERS	VDOT	VIRGINIA DEPARTMENT		בסתפ	ION AND SEDIMENT	
EA .	EACH EASTBOUND LANE	OD OPER	OUTSIDE DIAMETER	v.s.d.	OF TRANSPORTATION VERTICAL SIGHT DISTANCE		· · · · · · · · · · · · · · · · · · ·		
E.B.L. EF	EACH FACE	OPER	OPERATOR OPENING	V.S.D. W.B.L.	WEST BOUND LANE		<u>C0</u>	NTROL SYMBOLS	
EJ	EXPANSION JOINT	OPNG	OPPOSITE	W W	WIDE FLANGE, WIDE	CULVER T		STORM D	
EL, ELEV	ELEVATION	PC	POINT OF CURVE	w/	WITH	CIP CULVERT INLET P	ROTECTION (IP)	INLET PR	ROTECTION
ELEC	ELECTRICAL	PCC	POINT OF COMPOUND	WD	WOOD		<u> </u>		RY GRAVEL
ENGR	ENGINEER	PER	PERIMETER	[WL	WATER LINE		CE	.4 41	IRY GRAVEL ICTION ENTRANCE
ENTR	ENTRANCE	PERF	PERFORATED	WS	WATER SURFACE	RECORD		CONSTRU	CHON ENTIANCE
EOL	END OF LINE	PERP	PERPENDICULAR BOINT OF INTERSECTION	WT WAYSE	WATERTIGHT, WEIGHT	NEVUNU	(RR) 8	RIPRAP	
EP	EDGE OF PAVEMENT EQUAL	PI DIV	POINT OF INTERSECTION POST INDICATOR VALVE	WVDH	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	j	(''')		
EQ EQPT	EQUAL EQUIPMENT	FiV	PLATE, PROPERTY LINE	 WWF	WELDED WIRE FABRIC	DRAWING		——×——×——× SILT FEN	ICF
	magerialists	'-	i mersione i 1990 imiliti (militim	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			SF) ×-	A A A SILI FEN	WATER DEPT PLAN #93-28
		DESIGNED:	REV.	DATE	DESCRIPTION BY APP.	. DATE DOANIOUS	- ACKITAC CAR	INDLICTON	
			ALTH OSA	 		T PAIL I RUANUKE	E CENTRE FOR	INDOZIKY &	TECHNOLOGY SHEET
		BCC	City Di			-NOVEMBERI W	ATED STODAGE	TANIZ CONTO	AOT
] 1	·				
	Mattern & Craia	DRAWN:	WM. JAMES			. I V	VATER STORAGE	TANK - CONTR	ACII
	Mattern & Craig	DRAWN:	‡8 JONES 5			1993 '		TANK - CONTR.	
	Mattern & Craig CONSULTING ENGINEERS - SURVEYORS	DRAWN:	WM. JAMES JONES No. 15759			1993 '	ROANOKE,	TANK - CONTR.	
		DRAWN:	No. 15759			1993 <u>COMM. NO.</u> CITY OF	ROANOKE,		VIRGINIA 3
		DRAWN:	‡8 JONES 5			1993 <u>сомм. No.</u> СІТУ ОF			VIRGINIA 3