AB ABAN	ANCHOR BOLT ABANDON OR ABANDONED	EQPT EW	EQUIPMENT EACH WAY, ENDWALL	PL PLYWD	PLATE, PROPERTY LINE PLYWOOD	MATERIALS SYMBOLS	EXISTING	NEW	DESCRIPTION
ABUT	ABUTEMENT	EXIST	EXISTING	POL	POINT ON LINE	MET AL		इंटरिक	BUILDING WITH PORCH OR STOOP
ABV ACT	ABOVE ACOUSTICAL	EXP EXT	EXPANSION EXTERIOR	PP POT	POWER POLE POINT ON TANGENT		<u></u>		FOUNDATION ONLY
ADD	ADDITIONAL	FR FR	FRAME	PRC	POINT OF REVERSE CURVE	BRICK	35	35	CONTOUR, CONTOUR WITH ELEVATION
ADJ AFF	ADJACENT ABOVE FINISH FLOOR	FD FDN	FLOOR DRAIN FOUNDATION	PSI PT	POUNDS PER SQUARE INCH POINT OF TANGENT	CONCRETE MASONRY	+ 20.0 E OR X	† 20.0 OR ×1025	SPOT ELEVATION
AGGR	AGGREGATE	FES FES	FLARED END SECTION	PVC	POLYVINYL CHLORIDE			X1025	CONCRETE CURB
ALUM	ALUMINUM	FF 555	FINISH FLOOR	PVI	POINT OF VERTICAL INTERSECTION	CONCRETE			CONCRETE CURB & GUTTER
ALT ANC	ALTERNATE ANCHOR	FFE FIG	FINISHED FLOOR ELEVATION FIGURE	PVMT PVT	PAVEMENT PRIVATE	GROUT OR FINISHED		会しつついていい	CONCRETE WALK OR SLAB
APPROX	APPROXIMATE	FIN	FINISH	R	RADIUS, RISER	OUNOINETE			PAVEMENT
ARCH AWWA	ARCHITECTURAL AMERICAN WATER WORKS ASSOCIATION	FIXT FL	FIXTURE FLOOR	RAS RR	RETURN ACTIVATED SLUDGE RAIL ROAD	INSULATION (RIGID)			UNPAVED OR GRAVEL ROAD
AVG	AVERAGE	FLEX	FLEXIBLE	RCP	REINFORCED CONCRETE PIPE	WOOD BLOCKING	~~~~	$\sim\sim\sim\sim$	TREE LINE
BIT BJ	BITUMINOUS BELL JOINT	FLG FT	FLANGE FOOT	RD RDCR	ROOF DRAIN, ROAD REDUCER		€~}	OR OR	TREE OR SHRUB
BL	BASE LINE	FTG	FOOTING	RECPT	RECEPTACLE	FINISHED WOOD OR PLYWOOD	——————————————————————————————————————		FENCE
BEG BLDG	BEGIN OR BEGINNING	FUT	FUTURE	RECT	RECTANGULAR	GRAVEL OR STONE	~ · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	CENTERLINE CREEK , SWALE OR DIT
BLDG BLKG	BUILDING BLOCKING	GAL GALV	GALLON GALVINIZED	REINF REF	REINFORCE, REINFORCEMENT REFERANCE			PL	PROPERTY LINE
BM	BENCH MARK, BEAM	GAR	GARAGE	REL	RELOCATED	EARTH	— Q——————	— Ç — B_— -	CENTERLINE OR BASELINE
BOTT BP	BOTTOM BYPASS	GND GR	GROUND GRAVEL	REQD REV	REQUIRED REVISION		_		LIMIT OF WORK LINE
BRG	BEARING	GOVT	GOVERNMENT	RTE	ROUTE		<u> </u>	Δ	FIELD SURVEY TRAVERSE POINT
BSMT BV	BASEMENT BUTTERFLY VALVE	GPM GRTG	GALLONS PER MINUTE GRATING	RT R/W	RIGHT RIGHT OF WAY		0	0	P.C. OR P.T.
c c	CHANNEL, COLD	GV	GATE VALVE	S	SANITARY SEWER, SOUTH, SWITCH		Φ	•	GEOLOGIC BORE HOLE
C/C, C TO C CAB	CENTER TO CENTER CABINET	GW ⊢	GRAY WATER HOT	SAN SCH	SANITARY SCHEDULE		SD	———SD ———	STORM DRAIN AND ENDWALL
CAP	CAPACITY	HB	HOSE BIBB	SD	STORM DRAIN		S	——s—	SANITARY SEWER
CF CC	CUBIC FEET	HK	HOOK	SECT	SECTION		· FM	———-FM——	FORCE MAIN
CG C & G	CHANGE OF GRADE CURB AND GUTTER	HOR, HORIZ	HOLLOW METAL HORIZONTAL	SER SH	SERVICE SHEET		G	G	GAS MAIN OR SERVICE LINE
CI	CAST IRON	HP	HORSE POWER	SHTG	SHEETING		W	W	WATER MAIN OR SERVICE LINE
CIRC CKT	CIRCULAR CIRCUIT	HPT HYD	HIGH POINT HYDRANT	SIM SPEC	SIMILAR SPECIFICATION		E	——— E ———	ELECTRICAL LINE
CL	CENTER LINE	ID	INSIDE DIAMETER	SQ	SQUARE		— — UE— — ·	——— UE ———	UNDERGROUND ELECTRICAL LINE
CLR CONST	CLEAR CONSTRUCTION	IN INSUL	INCH INSULATION	SS	STAINLESS STEEL STREET			× ' ' ‡	PIPE FITTINGS
COR	CORNER	INV	INVERT	STA	STATION		<u>-</u>		FIRE HYDRANT
CMP	CORRUGATED METAL PIPE	IP	IRON PIN	STD	STANDARD		-⊗ OR ⋈	UK CO	GATE VALVE
CMU CND	CONCRETE MASONRY UNITS CONDUIT	JB	JOINT JUNCTION BOX	STL STRUCT	STEEL STRUCTURAL		o ^{UU}		CLEANOUT
CO	CLEAN OUT	L	LENGTH, LONG, ANGLE	STY	STORY				MANHOLE
COMB CONC	COMBINATION CONCRETE	LF LG	LINEAL FOOT LONG	SUR SURF	SURVEY SURFACE				DROP INLET (CURB AND GRATING T
CONN	CONNECT, CONNECTION	LP	LIGHT POLE	S/W	SIDEWALK		GMo o WM	[см	G.M GAS METER, W.M WATER
CONT CONTR	CONTINUOUS, CONTROL CONTRACTOR	LR LT	LONG RADIUS LEFT	SYMM T	SYMMETRICAL TREAD, TOP		T		TELEPHONE LINE
CONV	CONVEYOR	LTG	LIGHTING	T & B	TOP AND BOTTOM				TELEPHONE POLE, GUY AND ANCHOR
CP CR STONE	COORDINATE POINT CRUSHED STONE	MACH MAS	MACHINERY MASONRY	TDC TELE	TURNED DOWN CURB TELEPHONE			——————————————————————————————————————	POWER POLE, GUY AND ANCHOR
CR STUNE	CENTER	MATL	MATERIAL	TEMP	TEMPORARY				LIGHT POLE
CULV	CULVERT	MAX	MAXIMUM	THK	THICK			<u> </u>	TELEPHONE PEDESTAL
CY D	CUBIC YARD DEPTH OR DEGREE OF CURVE	MECH MFR	MECHANICAL MANUFACTURER	TP TRTD	TELEPHONE POLE TREATED	·			BURIED TELEPHONE VAULT
DEPT	DEPARTMENT	MH	MANHOLE, MOUNTING HEIGHT	TS	TOP OF SLAB, TUBE STEEL			-//-//-//-//-	ABANDON OR REMOVE
DF DI	DRINKING FOUNTAIN DROP INLET, DUCTILE IRON	MIN MISC	MINIMUM. MISCELLANEOUS	TV TW	TELEVISION TOP OF WALL				PAVED DITCH
DIA	DIAMETER	MJ	MECHANICAL JOINT	TYP	TYPICAL				DRIVEWAY CULVERT
DIM DISC	DIMENSION DISCONNECT	MO MON	MASONRY OPENING MONUMENT	UG	UNDERGROUND UNLESS OTHERWISE NOTED		OR	OR	CULVERT WITH FLARED END SECTIO
DMH	DROP MANHOLE	MTD	MOUNTED	U.S.C.&G.S.	UNITED STATES COAST AND		`><	>	
DN	DOWN	MTG	MOUNTING		GEODETIC SURVEY		⊗ WV	•	WATER VALVE
DR DS	DRIVE DOWN SPOUT	MTL MV	METAL MUD VALVE	V, VAL VAP BAR	VALVE VAPOR BARRIER			•	· · · · · · · · · · · · · · · · · · ·
DTL	DETAIL	N & C	NAIL AND CAP	VC	VERTICAL CURVE		О н/т		HUB AND TACK
DW,D/W DWL	DRIVEWAY DWELLING	NIC NO	NOT IN CONTRACT NUMBER	VERT VOL	VERTICAL VOLUME		※ CP #101	X CP #101	COORDINATE POINT
DWG	DRAWING	NTS	NOT TO SCALE	VDOT	VIRGINIA DEPARTMENT	mraama aaawawa	A		
E EA	EAST EACH	00	ON CENTERS OUTSIDE DIAMETER	V.S.D.	OF TRANSPORTATION VERTICAL SIGHT DISTANCE	RECORD DRAWING	↑	SHEET WHERE	SECTION IS DRAWN
E.B.L.	EASTBOUND LANE	OPER	OPERATOR	W.B.L.	WEST BOUND LANE	u v s s s s s s s s s s s s s s s s		C3.1 DETAIL NUME	BER
EF	EACH FACE	OPNG OPR	OPENING	W	WIDE FLANGE, WIDE				SECTION IS CUT
EJ EL, ELEV	EXPANSION JOINT ELEVATION	OPP PC	OPPOSITE POINT OF CURVE	WD	WITH WOOD			OHEET WHERE	
ELEC	ELECTRICAL	PCC	POINT OF COMPOUND	WL	WATER LINE				
ENGR ENTR	ENGINEER ENTRANCE	PER PERF	PERIMETER PERFORATED	WS WT	WATER SURFACE WATERTIGHT, WEIGHT	A	DETAIL NUMBER	(A	DETAIL NUMBER
EOL	END OF LINE	PERP	PERPENDICULAR	WVDH	WEST VIRGINIA DEPARTMENT	C4.		C5.	
EP EQ	EDGE OF PAVEMENT EQUAL	PI PIV	POINT OF INTERSECTION POST INDICATOR VALVE	WWF	OF HIGHWAYS WELDED WIRE FABRIC		-SHEET WHERE DRAWN		SHEET WHERE CUT
	LGOAL	117	1 031 INDICATOR VALVE	REV DATE		CUT BUE	BBLE	SECTION BUI	
1	MATTERN & CRAIG DESIGNED:					CARVINS COVE	FILTER PLANT	T IMPROVEMEN	TS - PHASE I MARCH
	TING ENGINEERS • SURVEYORS	RWB	CHI TO		SC. TA	AM RWB			COMM.
ROANOKE VIRGINIA		DRAWN:	HUBBELL HUBBELL				ROANO	KE, VIRGINIA	113
A 1 1/05		TLM	HUBBELL -						SHE
ALVUR	RD, BURDICK & HOWSON	CHECKED:				 GE	GENERAL ABBREVIATIONS AND LEGEND G2		
ENGINEE	ERS CHICAGO	SWH	SIONAL EN BIN9	72			v.		62