

Layer Name	Color	Linetype	Description	Comments	text size
00-00-dtl-hat	21	Continuous	detail hatching		
00-00-dtl-hvy	magenta	Continuous	detail heavy line work		
00-00-DTL-LBL7	white	Continuous	detail text white		
00-00-dtl-lit	white	Continuous	detail lighter line work		
00-00-north-arrow	white	Continuous	00-00-north-arrow		
00-00-TBL-LBL6	magenta	Continuous	detail text magenta		
00-00-TBL-NORTH	white	Continuous	00-00-TBL-NORTH		
0	white	Continuous	0		
0-aerial	141	Continuous	aerial photo		
0-areas-exst	141	Continuous	areas of existing elements		
0-areas-prop-	61	Continuous	areas of proposed elements		
0-hatch-bndry	193	Continuous	polylines for hatch-bndry		
0-temp	141	Continuous	temporay layer for design ideas		
0-VIC	white	Continuous	for jpeg or pdf		
1	red	Continuous	1		
ANNTEXT	yellow	Continuous	ANNTEXT		
ASBUILT-LIN	cyan	Continuous	Asbuilt lines		
ASBUILT-PNT	cyan	Continuous	Asbuilt points		
ASBUILT-PROF-LIN	cyan	Continuous	Asbuilt profile lines		
ASBUILT-TXT	cyan	Continuous	Asbuilt text		
BORDER	green	Continuous	BORDER		
BORDER-INSIDE	white	Continuous	BORDER-INSIDE		
BORDER-TXT	white	Continuous	BORDER-TXT		
use *- for Clayers				this is setup in the template file	
C = layer generated by civil 3D					
C-ANNO	white	Continuous	C-ANNO		
C-ANNO-MTCH	white	DASHED	C-ANNO-MTCH		
C-ANNO-MTCH-HATCH	white	Continuous	C-ANNO-MTCH-HATCH		
C-ANNO-MTCH-TEXT	150	Continuous	C-ANNO-MTCH-TEXT		

C-ANNO-TABL	red	Continuous	Civil: Table		
C-ANNO-TABL-PATT	white	Continuous	Civil: Table Hatch		
C-ANNO-TABL-TEXT	150	Continuous	Civil: Table Text		
C-ANNO-TABL-TITL	150	Continuous	Civil: Table Title		
C-ANNO-TABL-TTBL	blue	Continuous	Civil: Table Borders		
C-ANNO-VFRM	150	Continuous	C-ANNO-VFRM		
C-ANNO-VFRM-TEXT	11	Continuous	C-ANNO-VFRM-TEXT		
C-CONT-EX-MAJ	254	DAM15	C-CONT-EX-MAJ		
C-CONT-EX-MIN	253	DAM30	C-CONT-EX-MIN		
C-CONT-PR-MAJ	92	Continuous	C-CONT-PR-MAJ		
C-CONT-PR-MIN	11	Continuous	C-CONT-PR-MIN		
C-ESMT-ROAD	23	Continuous	Easements: roadway		
C-PIPE	white	Continuous	C-PIPE		
C-PIPE-STRC	white	Continuous	C-PIPE-STRC		
C-PIPE-TEXT	white	Continuous	C-PIPE-TEXT		
C-PROP-BNDY	150	Continuous	Property: boundary		
C-PROP-BRNG	92	Continuous	Property: bearing		
C-PROP-LINE	230	Continuous	Property: parcel lines		
C-PROP-LOTS	magenta	Continuous	Property: lots		
C-PROP-PATT	150	Continuous	Property: parcel hatching		
C-PROP-RSRV	94	Continuous	Property: reserved		
C-PROP-TEXT	92	Continuous	Property: label		
C-ROAD-ASSM	40	Continuous	subassemblies		
C-ROAD-ASSM-BLIN	red	Continuous	Roadways: assembly baseline		
C-ROAD-ASSM-OFFS	red	Continuous	Roadways: assembly offset		
C-ROAD-ASSM-TEXT	white	Continuous	Roadways: assembly text		
C-ROAD-BRNG	red	Continuous	Roadways: bearings		
C-ROAD-CNTR	red	CENTER2	Roadways: centerline		
C-ROAD-CNTR-N	92	Continuous	Roadways: centerline, NEW		
C-ROAD-CORR	blue	Continuous	Roadways: corridor		
C-ROAD-CORR-BNDY	red	CENTER2	Roadways: corridor boundary		
C-ROAD-CORR-PATT	150	Continuous	Roadways: corridor patterns		
C-ROAD-CURV	blue	Continuous	Roadways: curves		
C-ROAD-EOP-LIN	white	Continuous	C-ROAD-EOP-LIN		

C-ROAD-FEAT	182	Continuous	Roadways: feature line		
C-ROAD-LABL	92	Continuous	Roadways: labels		
C-ROAD-LINE	red	Continuous	Roadways: tangent lines		
C-ROAD-LINE-EXTN	252	HIDDEN	Roadways: PVI extention lines		
C-ROAD-LINK	150	Continuous	links		
C-ROAD-LINK-TEXT	white	Continuous	link text		
C-ROAD-MARK	212	Continuous	marks		
C-ROAD-MASS-LINE	white	Continuous	C-ROAD-MASS-LINE		
C-ROAD-MASS-VIEW	white	Continuous	C-ROAD-MASS-VIEW		
C-ROAD-PROF	red	DASHED	Roadways: profiles		
C-ROAD-PROF-ASMC	92	Continuous	curves		
C-ROAD-PROF-CURV	blue	Continuous	Roadways: profile vertical curves		
C-ROAD-PROF-DIAG	150	Continuous	Roadways: profile band diagrams		
C-ROAD-PROF-GRID	150	Continuous	Roadways: profile grid		
C-ROAD-PROF-GRID-GEOM	blue	Continuous	geometry points		
C-ROAD-PROF-GRID-MAJR	8	Continuous	major stations		
C-ROAD-PROF-GRID-MINR	8	Continuous	minor stations		
C-ROAD-PROF-LINE	red	Continuous	Roadways: profile vertical lines		
C-ROAD-PROF-LINE-EXTN	252	HIDDEN	Roadways: centerline extention		
C-ROAD-PROF-LTOF	11	Continuous	sample lines		
C-ROAD-PROF-N	150	Continuous	Roadways: profile new		
C-ROAD-PROF-NEW	150	Continuous	Roadways: profile new		
C-ROAD-PROF-PARB	white	Continuous	curves		
C-ROAD-PROF-PNTS	252	HIDDEN	points		
C-ROAD-PROF-RTOF	red	Continuous	sample lines		
C-ROAD-PROF-STAN-GEOM	11	Continuous	point labels		
C-ROAD-PROF-STAN-MAJR	11	Continuous	labels		
C-ROAD-PROF-STAN-MINR	11	Continuous	labels		
C-ROAD-PROF-TEXT	11	Continuous	Roadways: profile text		
C-ROAD-PROF-TICK	white	Continuous	Roadways: profile tick marks		
C-ROAD-PROF-TITL	11	Continuous	Roadways: profile label		
C-ROAD-PROF-TTLB	blue	Continuous	Roadways: profile label		
C-ROAD-SAMP	150	HIDDEN	Roadways: sample lines		
C-ROAD-SAMP-TEXT	11	Continuous	Roadways: sample lines text		

C-ROAD-SCTN	white	Continuous	Roadways: grade in sections		
C-ROAD-SCTN-DIAG	212	Continuous	Roadways: section diagram		
C-ROAD-SCTN-GRID	white	Continuous	Roadways: section grid		
C-ROAD-SCTN-LABL	92	Continuous	Roadways: section labels		
C-ROAD-SCTN-N	150	Continuous	Roadways: section, NEW		
C-ROAD-SCTN-SHET	white	Continuous	sheets		
C-ROAD-SCTN-TABL	red	Continuous	C-ROAD-SCTN-TABL		
C-ROAD-SCTN-TEXT	92	Continuous	Roadways: section text		
C-ROAD-SCTN-TICK	white	Continuous	Roadways: section tick marks		
C-ROAD-SCTN-TITL	92	Continuous	Roadways: section title		
C-ROAD-SCTN-TTLB	blue	Continuous	Roadways: section border		
C-ROAD-SHAP	32	Continuous	shapes		
C-ROAD-SHAP-PATT	white	Continuous	shapes hatching		
C-ROAD-SPIR	92	Continuous	Roadways: spirals		
C-ROAD-STAN	11	Continuous	Roadways: stationing		
C-ROAD-STAN-MAJR	11	Continuous	labels		
C-ROAD-STAN-MINR	11	Continuous	labels		
C-ROAD-TABL	red	Continuous	C-ROAD-TABL		
C-ROAD-TEXT	11	Continuous	Roadways: text		
C-SSWR-CNTR	200	Continuous	Sanitary Sewer: centerline		
C-SSWR-PIPE	200	Continuous	Sanitary Sewer: piping		
C-SSWR-PIPE-PATT	white	Continuous	Sanitary Sewer: piping, hatching		
C-SSWR-PROF	200	Continuous	Sanitary Sewer: profile		
C-SSWR-STRC	200	Continuous	Sanitary Sewer: structures		
C-SSWR-STRC-PATT	200	Continuous	hatching		
C-SSWR-TEXT	white	Continuous	Sanitary Sewer: text		
C-STRM-CNTR	170	CENTER2	Storm Sewer: centerline		
C-STRM-PIPE	170	Continuous	Storm Sewer: piping		
C-STRM-PIPE-PATT	white	Continuous	Storm Sewer: piping, hatching		
C-STRM-PROF	170	Continuous	Storm Sewer: profile		
C-STRM-STRC	170	Continuous	Storm Sewer: structures		
C-STRM-STRC-PATT	white	Continuous	Storm Sewer: structures, hatching		
C-STRM-TABL	red	Continuous	C-STRM-TABL		

C-STRM-TEXT	white	Continuous	Storm Sewer: text		
C-SURFACE	161	Continuous	C-SURFACE		
C-SURFACE-TEXT	white	Continuous	C-SURFACE-TEXT		
C-TINN	182	Continuous	Triangulated irregular network		
C-TINN-BNDY	110	Continuous	boundary		
C-TINN-VIEW	252	Continuous	triangle view		
C-TOPO-CONT-TEXT	white	Continuous	Topography: contour labels		
C-TOPO-CONT-TEXT-N	red	Continuous	NEW		
C-TOPO-FEAT	92	Continuous	C-TOPO-FEAT		
C-TOPO-GRAD	94	Continuous	Topography: grading		
C-TOPO-GRAD-CUT	red	Continuous	Topography: grading cut material		
C-TOPO-GRAD-FILL	94	Continuous	Topography: grading fill material		
C-TOPO-MAJR	9	Continuous	Topography: major gridlines		
C-TOPO-MAJR-N	92	Continuous	Topography: major contours, NEW		
C-TOPO-MINR	8	Continuous	Topography: minor gridlines		
C-TOPO-MINR-N	11	Continuous	Topography: minor contours, NEW		
C-TOPO-TEXT	white	Continuous	Topography: text		
C-TOPO-USER	40	Continuous	Topography: user contours		
C-TOPO-WDRP	150	Continuous	C-TOPO-WDRP		
C-TOPO-WSHD	150	Continuous	Topography: watershed		
C-TOPO-WSHD-TEXT	white	Continuous	Topography: watershed text		
DCA_INFO	white	Continuous	DCA_INFO		
Defpoints	white	Continuous	DEFPOINTS		
DM= Demolition					
DM-PROP-HAT-ASPH	yellow	Continuous	demolition text		
DM-PROP-HAT-CONC	yellow	Continuous	demolition text		
DM-PROP-HAT-GRVL	yellow	Continuous	demolition text		
DM-PROP-LIN	magenta	Continuous	removal		
DM-PROP-SYM	magenta	Continuous	wattles, check dams		

DM-PROP-TXT	magenta	Continuous	demolition text		
DM-SAWCUT-PROP-LIN	magenta	Continuous	removal		
EC= Erosion control					
EC-PROP-HAT	yellow	Continuous	bmp callout bubble		
EC-PROP-LIN	yellow	Continuous	bmp callout bubble		
EC-PROP-SYM	magenta	Continuous	bmp callout bubble		
EC-PROP-TXT	yellow	Continuous	bmp callout bubble		
ENGSTAMP	white	Continuous	Engineer stamp		
FO=Fiberoptic					
FO-BLIN-EXST-LIN	red	FIBEROPTIC	Fiber optic blin existing line		
FO-BLIN-EXST-TXT	red	Continuous	Fiber optic blin existing text	L60	
GN-BLCK-EXST-TXT	red	Continuous	GN-BLCK-EXST-TXT	L60	
GN-BLCK-PROP-TXT	white	Continuous	GN-BLCK-PROP-TXT		
GS=Gas					
GS-METR-EXST-SYM	50	Continuous	Gas meter existing symbol		
GS-METR-PROP-SYM	11	Continuous	Gas meter proposed symbol		
GS-PLIN-EXST-LIN	50	GASLINE	Gas: pipeline existing line		
GS-PLIN-EXST-TXT	50	Continuous	Gas: pipeline existing symbol	L80	
GS-SERV-EXST-LIN	50	GASSERVICE	Gas: service existing line		
GS-TOPO-EXST-PNT	50	Continuous	Gas: topo existing point		
GS-TOPO-EXST-SYM	50	Continuous	Gas: topo existing symbol		
GS-VALV-EXST-SYM	red	Continuous	Gas: valve existing symbol		

GS-VALV-PROP-SYM	11	Continuous	Gas: valve proposed symbol		
LEGEND	white	Continuous	Legend		
LEGEND-TXT	white	Continuous	Legend: text		
LOGO	white	Continuous	LOGO		
MATCHLINE	green	Continuous	MATCHLINE		
MATCHLINE-TXT	green	Continuous	MATCHLINE-TXT		
PNTS	yellow	Continuous	Points		
PO= Power					
PO-ALIN-EXST-LIN	22	OVERHEADPOWER	symbol		
PO-BLIN-EXST-LIN	22	POWERLINE	symbol		
PO-BLIN-PROP-LIN	magenta	Continuous	Power: buried line proposed line		
PO-LITE-PROP-SYM	magenta	Continuous	Power: light proposed symbol		
PO-STCR-EXST-SYM	22	Continuous	Power: structure existing symbol		
PO-STCR-PROP-SYM	magenta	Continuous	Power: structure proposed symbol		
PO-TOPO-EXST-PNT	8	Continuous	Power: topo existing point		
PO-TOPO-EXST-SYM	22	Continuous	Power: topo existing symbol		
RD= Road					
RD-BCRB-PROP-LIN	120	Continuous	line		
RD-CL-EXST-PNT	8	Continuous	point		
RD-CONC-EXST-HAT	9	Continuous	hatch		
RD-CONC-EXST-LIN	11	Continuous	Roadways: concrete existing line		
RD-CONC-EXST-PNT	8	Continuous	point		
RD-CONC-EXST-TXT	11	Continuous	Roadways: concrete existing text		L60,L80
RD-CURB-EXST-LIN	21	Continuous	Roadways: curb existing line		

RD-CURB-EXST-PNT	140	Continuous	Roadways: curb existing point		
RD-CURB-EXST-TXT	white	Continuous	Roadways: curb existing text		L60/L80
RD-CURB-PROP-LIN	120	Continuous	Roadways: curb proposed line		
RD-CURB-PROP-TXT	120	Continuous	Roadways: curb proposed text		L100
RD-GND-EXST-PNT	86	Continuous	Roadways: ground existing point		
RD-GRVL-EXST-HAT	9	Continuous	Roadways: gravel existing hatch		
RD-GRVL-EXST-LIN	211	DASHX1	Roadways: gravel existing line		
RD-GRVL-EXST-PNT	8	Continuous	Roadways: gravel existing point		
RD-GRVL-EXST-TXT	44	Continuous	Roadways: gravel existing text		L60,L80
RD-GRVL-PROP-LIN	magenta	DAM30	Roadways: gravel proposed line		
RD-GUTT-EXST-LIN	31	Continuous	Roadways: gutter existing line		
RD-GUTT-EXST-PNT	50	Continuous	Roadways: gutter existing point		
RD-GUTT-PROP-LIN	200	Continuous	Roadways: gutter proposed line		
RD-PVMT-EXST-HAT	9	Continuous	hatch		
RD-PVMT-EXST-LIN	11	Continuous	line		
RD-PVMT-EXST-PNT	192	Continuous	point		
RD-PVMT-LIM-LIN	magenta	DASHEDX2	Roadways: pavement limits line		
RD-PVMT-PROP-HAT	yellow	Continuous	hatch		
RD-PVMT-PROP-LIN	cyan	Continuous	line		
RD-SHLD-EXST-LIN	9	Continuous	Roadways: shoulder existing line		
RD-SWK-DOMES	yellow	Continuous	domes		
RD-SWK-PROP-WCR	white	Continuous	wheelchair ramp		
RD-TOPO-EXST-PNT	30	Continuous	Roadways: topo existing point		
RD-WALK-EXST-HAT	9	Continuous	hatch		
RD-WALK-EXST-LIN	12	Continuous	Roadways: sidewalk existing line		
RD-WALK-EXST-PNT	91	Continuous	point		
RD-WALK-EXST-TXT	12	Continuous	Roadways: sidewalk existing text		L60,L80
RD-WALK-PROP-HAT	magenta	Continuous	line		
RD-WALK-PROP-LIN	magenta	Continuous	line		
RD-WALK-PROP-TXT	magenta	Continuous	text		L100
SD= Storm Drain					

SD-DET-EXST-LIN	12	DASH-DASH	existing line		
SD-DET-PROP-LIN	white	Continuous	proposed line		
SD-DET-PROP-TXT	white	Continuous	proposed text		L60,L80
SD-DTCH-EXST-LIN	161	DITCH2	line		
SD-DTCH-PROP-LIN	green	DITCH2	line		
SD-FLOW-EXST-LIN	31	DIVIDE2	line		
SD-GLIN-EXST-LIN	32	STORMLINE	existing line		
SD-GLIN-EXST-SYM	32	Continuous	existing symbol		
SD-GLIN-EXST-TXT	32	Continuous	existing text		L60,L80
SD-GLIN-PROF-LIN	60	Continuous	profile line		
SD-GLIN-PROP-LIN	magenta	STORMLINE	proposed line		
SD-GLIN-PROP-SYM	magenta	Continuous	proposed symbol		
SD-GLIN-PROP-TXT	120	Continuous	proposed text		
SD-POND-EXST-LIN	171	DASH	line		
SD-POND-PROP-LIN	100	Continuous	line		
SD-POND-PROP-TXT	20	Continuous	text		
SD-PROF-EXST-LIN	62	DASHED2	line		
SD-PROF-EXST-TXT	62	Continuous	text		
SD-PROF-PROP-LIN	magenta	Continuous	line		
SD-PROF-PROP-TXT	magenta	Continuous	text		
SD-SERV-EXST-LIN	32	SERV	line		
SD-SERV-PROP-LIN	magenta	DASHED2	line		
SD-SERV-PROP-TXT	magenta	Continuous	text		
SD-STCR-PROP-SYM	magenta	Continuous	proposed symbol		
SD-STCR-PROP-TXT	magenta	Continuous	proposed text		L100
SD-TOPO-EXST-PNT	160	Continuous	point		
SD-TOPO-EXST-SYM	32	Continuous	symbol		
SD-TOPO-EXST-TXT	32	Continuous	text		
SF= Surface topo features					
SF-BLDG-EXST-HAT	253	Continuous	hatch		
SF-BLDG-EXST-LIN	253	EXBUILD	line		

SF-BLDG-EXST-PNT	8	Continuous	point		
SF-BLDG-EXST-TXT	253	Continuous	text		L60,L80
SF-BRICK-EXST-HAT	12	Continuous	hatch		
SF-BRICK-EXST-LIN	11	Continuous	line		
SF-BRKL-EXST-LIN	52	HIDDEN	existing line		
SF-BRLIN-EXST-LIN	82	TREELINE_L	existing line		
SF-BUSS-EXST-SYM	15	Continuous	symbol		
SF-BUSS-PROP-SYM	magenta	Continuous	proposed symbol		
SF-CONC-EXST-HAT	13	Continuous	proposed hatch		
SF-CONC-EXST-LIN	8	Continuous	line		
SF-CONC-EXST-TXT	white	Continuous	text		
SF-CONC-PROP-HAT	yellow	Continuous	proposed line		
SF-CONC-PROP-LIN	magenta	Continuous	proposed line		
SF-CONC-PROP-TXT	magenta	Continuous	proposed text		L100
SF-CREE-EXST-LIN	cyan	DITCH2	line		
SF-CULV-EXST-LIN	blue	DITTY	line		
SF-CURB-EXST-LIN	12	Continuous	line, curbs not associated with		
SF-CURB-PROP-LIN	cyan	Continuous	line, curbs not associated with		
SF-CURB-PROP-TXT	120	Continuous	text, curbs not associated with		
SF-DIM-PROP-TXT	white	Continuous	surface feature: dimensions		
SF-DOCK-EXST-LIN	yellow	Continuous	Surface feature: dock existing line		
SF-DRVW-EXST-LIN	8	Continuous	existing line		
SF-DRVW-PROP-LIN	magenta	Continuous	proposed line		
SF-FENC-EXST-LIN	yellow	BARBWIRE_2	line		
SF-FENC-EXST-PNT	8	Continuous	point		
SF-FENC-EXST-TXT	yellow	Continuous	text		L60,L80
SF-FENC-PROP-LIN	cyan	FENCELINE1	line		
SF-GRVL-EXST-HAT	9	Continuous	hatch		
SF-GRVL-EXST-LIN	21	DITTY	line		
SF-GRVL-EXST-TXT	15	Continuous	text		
SF-GRVL-PROP-LIN	120	HIDDEN2	line		
SF-GUARD-EXST-LIN	white	GUARD_L	line		
SF-HEDGE-EXST-LIN	114	TREELINE_L	line		

SF-LITE-EXST-SYM	white	Continuous	symbol		
SF-LITE-PROP-SYM	15	Continuous	symbol		
SF-MAIL-EXST-SYM	white	Continuous	symbol		
SF-MAIL-PROP-SYM	magenta	Continuous	proposed symbol		
SF-PARKING-EXST-LIN	8	DAM10	line		
SF-PLNTR-EXST-HAT	62	Continuous	line		
SF-PLNTR-EXST-LIN	62	Continuous	line		
SF-PLNTR-EXST-TXT	62	Continuous	proposed text		
SF-PLNTR-PROP-HAT	magenta	Continuous	proposed line		
SF-PLNTR-PROP-LIN	magenta	Continuous	proposed line		
SF-PVMT-EXST-LIN	11	Continuous	existing line		
SF-PVMT-EXST-TXT	11	Continuous	existing text		L60,L80
SF-PVMT-LMIT-LIN	8	Continuous	line		
SF-PVMT-PROP-LIN	cyan	DAM15	proposed line		
SF-RAMP-EXST-LIN	12	DITTY	line		
SF-RAMP-PROP-HAT	yellow	Continuous	hatch		
SF-RAMP-PROP-LIN	magenta	Continuous	line		
SF-RIPR-EXST-SYM	15	Continuous	symbol		
SF-RIPR-PROP-SYM	magenta	Continuous	symbol		
SF-ROCK-EXST-LIN	yellow	Continuous	Surface feature: rock existing line		
SF-ROCK-EXST-SYM	15	Continuous	symbol		
SF-ROCK-PROP-LIN	120	Continuous	line		
SF-ROCK-PROP-SYM	magenta	Continuous	symbol		
SF-RWALL-EXST-LIN	31	STONEWALL	line		
SF-SAWCUT-PROP-LIN	green	DOT15	line		
SF-SHOR-EXST-LIN	blue	Continuous	Surface feature: shore e		
SF-SHOR-EXST-TXT	blue	Continuous	text		L60,L80
SF-SIGN-EXST-SYM	white	Continuous	symbol		
SF-SIGN-PROP-SYM	magenta	Continuous	symbol		
SF-TOE-EXST-LIN	52	HIDDEN2	Surface feature: toe existing line		
SF-TOP-EXST-LIN	22	HIDDEN	Surface feature: top existing line		
SF-TOPO-EXST-BRK	white	Continuous	break		
SF-TOPO-EXST-PNT	40	Continuous	point		

SF-TOPO-EXST-SYM	white	Continuous	symbol		
SF-TOPO-EXST-TXT	white	Continuous	text		L60,L80
SF-TOPO-EXST.LIN	12	DASHED	Surface feature: topo existing line		
SF-TOPO-PROP-SYM	magenta	Continuous	symbol		
SF-TOPO-PROP-TXT	magenta	Continuous	text		
SF-TREE-EXST-LIN	82	Continuous	Surface feature: tree existing line		
SF-TREE-EXST-TXT	82	Continuous	Surface feature: tree existing text		L60,L80
SF-VEGE-EXST-LIN	82	Continuous	existing line		
SF-VEGE-EXST-PNT	8	Continuous	existing point		
SF-VEGE-EXST-SYM	82	Continuous	existing symbol		
SF-VEGE-PROP-LIN	80	Continuous	proposed line		
SF-VEGE-PROP-SYM	90	Continuous	proposed symbol		
SF-WALK-EXST-LIN	13	Continuous	Surface feature: walk existing line		
SF-WALK-EXST-TXT	yellow	Continuous	text		
SF-WALK-PROP-HAT	white	Continuous	hatch		L60,L80
SF-WALK-PROP-LIN	magenta	Continuous	line		
SF-WALL-EXST-LIN	31	Continuous	Surface feature: wall existing line		
SF-WALL-EXST-TXT	15	Continuous	Surface feature: wall existing text		L60,L80
SF-WALL-PROP-LIN	cyan	Continuous	line		
SF-WALL-PROP-TXT	120	Continuous	text		L60,L80
SS = Sanitary Sewer					
SS-GLIN-EXST-LIN	102	SEWERLINE	existing line		
SS-GLIN-EXST-TXT	102	Continuous	existing text		L60,L80
SS-GLIN-PROP-LIN	120	SEWERLINE	proposed line		
SS-GLIN-PROP-TXT	120	Continuous	proposed text	this can be control with pipewor	L100
SS-PLIN-EXST-LIN	red	Continuous	existing line		
SS-PROF-EXST-LIN	60	DAM15	line		
SS-PROF-EXST-TXT	60	Continuous	text		L60,L80
SS-PROF-PROP-LIN	magenta	Continuous	line		
SS-PROF-PROP-TXT	magenta	Continuous	text		L100
SS-SERV-EXST-LIN	102	SIDESEWER	line		

SS-SERV-PROP-LIN	120	SIDESEWER	line		
SS-STCR-EXST-SYM	magenta	Continuous	symbol		
SS-STCR-PROP-SYM	magenta	Continuous	symbol		
SS-STCR-PROP-TXT	magenta	Continuous	proposed text		L100
SS-TOPO-EXST-PNT	102	Continuous	point		
SS-TOPO-EXST-SYM	102	Continuous	symbol		
SS-TOPO-EXST-TXT	102	Continuous	Sanitary sewer: topo existing text		L60,L80
SV= Survey					
SV-BASL-EXST-TXT	white	Continuous	Survey: baseline existing text		L60
SV-CALC-EXST-PNT	8	Continuous	Survey: calculated existing point		
SV-CNTL-EXST-LIN	yellow	EXCNTL	Survey: control existing line		
SV-CNTL-EXST-TXT	yellow	Continuous	Survey: control existing text		L60
SV-CNTL-PROP-LIN	10	PROCNTL	Survey: control proposed line		
SV-CTRL-EXST-LIN	red	Continuous	Survey: control existing line		
SV-CTRL-EXST-PNT	white	Continuous	Survey: control existing point		
SV-CTRL-EXST-SYM	white	Continuous	Survey: control existing symbol		
SV-CTRL-EXST-TXT	white	Continuous	Survey: control existing text		L60
SV-CTRL-FND-PNT	yellow	Continuous	Survey: control found point		
SV-CTRL-FND-SYM	yellow	Continuous	Survey: control found symbol		
SV-CTRL-SET-PNT	green	Continuous	Survey: control set point		
SV-DATM-EXST-SYM	white	Continuous	Survey: datum existing symbol		
SV-ESMT-EXST-LIN	10	HIDDEN	Survey: easement proposed line		
SV-ESMT-EXST-TXT	10	Continuous	Survey: easement existing text		
SV-ESMT-PROP-LIN	100	HIDDEN2	Survey: easement proposed line		
SV-ESMT-PROP-TXT	10	Continuous	Survey: easement proposed text		L100
SV-EX-ADDRESS-LBL	magenta	Continuous	Survey: existing address label		
SV-EX-PNT-NODE	61	Continuous	Survey: existing point node		
SV-EX-TXT-LBL7	white	Continuous	Survey: existing text label 7		
SV-LBL-BM	white	Continuous	Survey: lable benchmark		
SV-LOT-EXST-LIN	yellow	PHANTOM	Survey: lot existing line		
SV-LOT-EXST-TXT	yellow	Continuous	Survey: lot existing text		L60

SV-LOTN-EXST-SYM	white	Continuous	symbol		
SV-PLAT-EXST-TXT	8	Continuous	Survey: plat existing text	Dot font	L60,L80
SV-PROP-EXST-LIN	yellow	PROPERT	Survey: property existing line		
SV-PROP-EXST-SYM	white	Continuous	Survey: property existing symbol		
SV-PROP-EXST-TXT	yellow	Continuous	Survey: property existing text		L60,L80
SV-QSCT-EXST-LIN	cyan	QTRSECT	line		
SV-ROFW-EXST-LIN	cyan	EXROW	Survey: right of way existing line		
SV-ROFW-PROP-HAT	252	Continuous	hatch		
SV-ROFW-PROP-LIN	green	Continuous	line		
SV-ROFW-PROP-TXT	100	Continuous	text		L100
SV-ROFW-VACA-LIN	yellow	HIDDEN	Survey: right of way vacation line		
SV-SECT-EXST-LIN	green	PHANTOM2	Survey: section existing line		
SV-SECT-EXST-SYM	8	Continuous	Survey: section existing symbol		
SV-SECT-EXST-TXT	white	PHANTOM2	Survey: section existing text		L60
SV-SECT-THEO-TXT	white	Continuous	Survey: section theoretical text		
SV-TOPO-EXST-PNT	50	Continuous	Survey: topo existing point		
SV-TOPO-EXST-SYM	white	Continuous	Survey: topo existing symbol		
SV-TOPO-EXST-TXT	white	Continuous	Survey: topo existing text		
SV-TRAV-EXST-LIN	red	PHANTOM2	Survey: traverse existing line		
SV-TRAV-EXST-TXT	red	Continuous	Survey: traverse existing text		L60
TF= Traffic					
TF-CHAN-EXST-LIN	12	DITTY	Traffic: CHAN existing line		
TF-CHAN-EXST-SYM	12	Continuous	Traffic: CHAN existing symbol		
TF-CHAN-EXST-TXT	12	Continuous	Traffic: CHAN existing text		L60,L80
TF-CHAN-EXST-XWALK	12	Continuous	Traffic: CHAN existing symbol		
TF-CHAN-PROP-LIN	magenta	Continuous	Traffic: CHAN proposed line		
TF-CHAN-PROP-SYM	120	Continuous	Traffic: CHAN proposed symbol		
TF-CHAN-PROP-TXT	magenta	Continuous	Traffic: CHAN proposed text		L100
TF-CHAN-PROP-XWALK	magenta	Continuous	Traffic: CHAN proposed line		
TF-CONDUIT-EXST	30	Continuous	Traffic: conduit existing		
TF-CONDUIT-EXST-LIN	30	CONDUIT	Traffic: conduit existing line		
TF-CONDUIT-PROP-LIN	magenta	CONDUIT	Traffic: conduit proposed line		

TF-EXST-TXT	yellow	Continuous	Traffic: existing text		L60
TF-JBOXES-EXST	30	Continuous	Traffic: junction box existing		
TF-JBOXES-EXST-SYM	30	Continuous	symbol		
TF-JBOXES-PROP-SYM	magenta	Continuous	symbol		
TF-PED-EXST-LIN	12	DITTY	Traffic: pedestrian existing line		
TF-PED-EXST-SYM	12	Continuous	symbol		
TF-PED-PROP-LIN	120	DITTY	Traffic: pedestrian proposed line		
TF-PED-PROP-SYM	magenta	Continuous	symbol		
TF-PED-PROP-TXT	white	Continuous	Traffic: proposed text		L60
TF-SIGL-EXST-SYM	red	Continuous	Traffic: signal existing symbol		
TF-SIGL-PROP-LIN	magenta	Continuous	Traffic: signal proposed line		
TF-SIGL-PROP-SYM	magenta	Continuous	Traffic: signal proposed symbol		
TF-SIGNALPOLES	white	Continuous	Traffic: signal poles		
TF-STRP-EXST-PNT	8	Continuous	Traffic: STRP existing point		
TF-TOPO-EXST-PNT	8	Continuous	Traffic: topo existing point		
TF-TOPO-EXST-SYM	8	Continuous	Traffic: topo existing symbol		
TL= Telecommunication					
TL-ALIN-EXST-LIN	30	TELEPHONELINE	communication: alin existing line		
TL-BLIN-EXST-LIN	30	TELEPHONELINE	communication: blin existing line		
TL-EXST-TXT	30	Continuous	communiction: existing text		L60
TL-FIBER-EXST-PNT	8	Continuous	existing point		
TL-FIBEROPTIC-EXST-LIN	22	FIBEROPTIC	existing line		
TL-FIBEROPTIC-EXST-TXT	20	Continuous	existing text		L60,L80
TL-STCR-EXST-SYM	red	Continuous	existing symbol		
TL-STCR-PROP-SYM	11	Continuous	proposed symbol		
TL-TOPO-EXST-PNT	8	Continuous	point		
TL-TOPO-EXST-SYM	8	Continuous	symbol		
UT= Utility					
UT-EX-SYM	33	Continuous	Utility: existing symbol		
UT-EXST-LIN	33	DASH-3DOT	Utility: existing line		

UT-OH-EXST-LIN	30	PHANTOM2	Utility: overhead existing line		
UT-PROF-EXST-LIN	92	DASHED	Utility: profile existing line		
UT-PROF-EXST-TXT	92	Continuous	Utility: structure existing text		L60
UT-STCR-EXST-SYM	33	Continuous	Utility: structure existing symbol		
UT-TOPO-EXST-LIN	30	Continuous	Utility: topo existing line		
UT-TOPO-EXST-PNT	10	Continuous	Utility: topo existing point		
UT-TOPO-EXST-SYM	30	Continuous	Utility: topo existing symbol		
UT-TOPO-EXST-TXT	30	Continuous	Utility: topo existing text		L60
V= program generation survey				survey element using CAD program	
V-BLDG-OTLN	170	Continuous	Survey Buildings: outline		
V-CTRL-BMRK	150	Continuous	benchmark.		
V-CTRL-HCPT	150	Continuous	horizontal.		
V-CTRL-LINE-DIRC	magenta	Continuous	lines		
V-CTRL-LINE-NETW	11	Continuous	network		
V-CTRL-LINE-SHOT	45	Continuous	sideshot		
V-CTRL-NODE-KNOW	92	Continuous	points		
V-CTRL-NODE-SHOT	11	Continuous	Survey Control points: sideshots		
V-CTRL-NODE-UNKN	red	Continuous	points		
V-CTRL-TRAV	150	Continuous	Survey Control points: traverse		
V-CTRL-TRAV-ERRO	92	Continuous	errors		
V-CTRL-VCPT	150	Continuous	Survey Conrtol points: vertical.		
V-NODE	red	Continuous	Survey Node		
V-NODE-BNDY	red	Continuous	Survey Node: baseline		
V-NODE-NGAS	11	Continuous	appurtenances points.		
V-NODE-POLE	red	Continuous	(power, telephone, etc.).		
V-NODE-SIGN	red	Continuous	Survey Node: sign.		
V-NODE-SSWR	92	Continuous	appurtenances points.		
V-NODE-STRM	92	Continuous	appurtenances points.		
V-NODE-TEXT	11	Continuous	Survey Node: text		L60
V-NODE-TREE	62	Continuous	Survey Node: tree points.		
V-NODE-WATR	blue	Continuous	appurtenances points.		

V-ROAD-CNTR	red	CENTER	Survey Road: centerline		
V-ROAD-CURB	11	Continuous	Survey Road: curbs		
V-SITE-FNCE	150	FENCELINE2	Survey Site: fences		
V-SITE-SCAN	red	Continuous	V-SITE-SCAN		
V-SITE-VEGE	80	Continuous	shrubs		
V-SURV-FIGR	170	Continuous	V-SURV-FIGR		
V-SURV-LABL	122	Continuous	Survey: text		
V-SURV-LINE	150	Continuous	Survey: lines		
V-SURV-NTWK	150	Continuous	V-SURV-NTWK		
VPORT	red	Continuous	VPORT		
WA= Water					
WA-CITY-PROP-LIN	140	DAM15	Water city proposed line		
WA-FHYD-EXST-SYM	160	Continuous	symbol		
WA-FHYD-PROP-SYM	red	WATERLINE	symbol		
WA-FITT-EXST-SYM	blue	Continuous	Water: fitting existing symbol		
WA-FITT-PROP-SYM	magenta	Continuous	Water: fitting proposed symbol		
WA-METR-EXST-SYM	160	WATERLINE	Water: meter existing symbol		
WA-METR-PROP-SYM	red	WATERLINE	Water: meter proposed symbol		
WA-PLIN-EXST-LIN	160	WATERLINE	Water: pressure line existing line		
WA-PLIN-PROP-LIN	magenta	WATERLINE	line		
WA-PLIN-PROP-TXT	120	Continuous	text		L100
WA-PROF-EXST-LIN	151	DASHED2	Water: profile existing line		
WA-PROF-EXST-TXT	151	Continuous	Water: profile existing text		
WA-PROF-PROP-LIN	120	Continuous	Water: profile proposed line		
WA-PROF-PROP-TXT	120	Continuous	Water: profile proposed text		
WA-PROP-SYM-TXT	red	Continuous	Water: proposed symbol text		
WA-SERV-EXST-LIN	160	WATERSERVICE	Water: service existing line		
WA-SERV-PROP-LIN	magenta	WATERSERVICE	Water: service proposed line		
WA-TOPO-EXST-PNT	191	Continuous	Water: topo existing point		
WA-TOPO-EXST-SYM	160	Continuous	Water: topo existing symbol		
WA-TOPO-EXST-TXT	160	Continuous	Water: topo existing text		L60,L80

WA-VALV-EXST-SYM	160	Continuous	Water: valve existing symbol		
WA-VALV-PROP-SYM	11	Continuous	Water: valve proposed symbol		
WA-VALVE-EXST-SYM	160	WATERLINE	Water: valve existing symbol		
WA-VALVE-PROP-SYM	red	WATERLINE	Water: valve proposed symbol		
XREF-	white	Continuous	XREF-	each drawing to have it's own layer	
XS INFO	white	Continuous	XS INFO		
XX-TOPO-EXST-PNT	white	Continuous	Miscellaneous points	use to import points	