



## Standard Survey Shot Codes for Points & Figures

for use within the City of Barrie Civil 3D Template

Code (see note below)	Figures			Points			
	Figure	Figure Layer	Breakline	Style	Point Label Style	Format	Layer
AL*	Y	XPAVEMT	Y	<default>	<default>	Asphalt Line	xpt-pavemt
AN				GW	GW	Anchor (Utility) \$1	xmisc
AN1				GW	GW	Anchor Bell \$1	xubell
AN2				GW	GW	Anchor Hydro \$1	xuhydro
AN3				GW	GW	Anchor Lamp \$1	xuhydro
AN4				GW	GW	Anchor Traffic Signal \$1	xuhydro
BL*	Y	XBLDGS	Y	<default>	<default>	Building Line	xpt-bldgs
BLA*	Y	XBLDGS	Y	<default>	<default>	Porch, Veranda	xpt-bldgs
BMH				BMH	BMH	Bell manhole \$1	xubell
CB				CB	CB	Catchbasin \$1	xstmmh
CC				CC	CC	Cut-Cross \$1	xsurv
CL*	Y	XCURB	Y	<default>	<default>	Curb Line	xpt-curb
CLU*	Y	XMISC	Y	<default>	<default>	Concrete Line	xmisc
CS				CS	<default>	Curb Stop \$1	xwater
CSH				CSHRUB	<default>	Coniferous Shrub \$1	xtrees
CT1				CT1	<default>	100mm Coniferous Tree \$1	xtrees
CT10				CT10	<default>	1000mm Coniferous Tree \$1	xtrees
CT11				CT11	<default>	1100mm Coniferous Tree \$1	xtrees
CT12				CT12	<default>	1200mm Coniferous Tree \$1	xtrees
CT13				CT13	<default>	1300mm Coniferous Tree \$1	xtrees
CT14				CT14	<default>	1400mm Coniferous Tree \$1	xtrees
CT15				CT15	<default>	1500mm Coniferous Tree \$1	xtrees
CT2				CT2	<default>	200mm Coniferous Tree \$1	xtrees
CT3				CT3	<default>	300mm Coniferous Tree \$1	xtrees
CT4				CT4	<default>	400mm Coniferous Tree \$1	xtrees
CT5				CT5	<default>	500mm Coniferous Tree \$1	xtrees
CT6				CT6	<default>	600mm Coniferous Tree \$1	xtrees
CT7				CT7	<default>	700mm Coniferous Tree \$1	xtrees
CT8				CT8	<default>	800mm Coniferous Tree \$1	xtrees
CT9				CT9	<default>	900mm Coniferous Tree \$1	xtrees
CU*	Y	XSTMculv	N	CULV	<default>	Culvert	xstmculv
DCB				DCB	DCB	Double catchbasin \$1	xstmmh
DICB				DICB	DICB	Ditch inlet catchbasin \$1	xstmmh
DL*	Y	XDITCH	Y	<default>	<default>	Ditch Line	xpt
DMH				STMMH	STMMH	Drainage manhole (MH) \$1	xstmmh
DMH1				CBMH	CBMH	Drainage manhole (CB) \$1	xstmmh
DMH2				DCBMH	DCBMH	Drainage manhole (DC) \$1	xstmmh
DSH				DSHRUB	<default>	Deciduous Shrub \$1	xtrees
DT1				DT1	<default>	100mm Deciduous Tree \$1	xtrees
DT10				DT10	<default>	1000mm Deciduous Tree \$1	xtrees
DT11				DT11	<default>	1100mm Deciduous Tree \$1	xtrees
DT12				DT12	<default>	1200mm Deciduous Tree \$1	xtrees
DT13				DT13	<default>	1300mm Deciduous Tree \$1	xtrees
DT14				DT14	<default>	1400mm Deciduous Tree \$1	xtrees
DT15				DT15	<default>	1500mm Deciduous Tree \$1	xtrees
DT2				DT2	<default>	200mm Deciduous Tree \$1	xtrees
DT3				DT3	<default>	300mm Deciduous Tree \$1	xtrees
DT4				DT4	<default>	400mm Deciduous Tree \$1	xtrees
DT5				DT5	<default>	500mm Deciduous Tree \$1	xtrees
DT6				DT6	<default>	600mm Deciduous Tree \$1	xtrees
DT7				DT7	<default>	700mm Deciduous Tree \$1	xtrees
DT8				DT8	<default>	800mm Deciduous Tree \$1	xtrees
DT9				DT9	<default>	900mm Deciduous Tree \$1	xtrees
EG				<default>	<default>	Existing Ground \$1	xpt
EMH				EMH	EMH	Hand Well (traffic lights) \$1	xuhydro
FBL*	Y	XBASE	N	<default>	<default>	Flower Bed Line	xpt
FL*	Y	XFENCE	N	<default>	<default>	Fence Line	xpt
GB*	Y	XBASE	Y	<default>	<default>	Gabion basket	xpt
GL*	Y	XBASE	N	<default>	<default>	Guardrail Cable	xpt
GP*	Y	XUGAS	N	<default>	<default>	Gas Pipe	xpt
GV				GV	GV	Gas Valve \$1	xugas
HL*	Y	XTREES	N	<default>	<default>	Hedge Line	xpt
HMH				HMH	HMH	Hydro manhole \$1	xuhydro
HYC				HYD_HVCM	HYD-HVCM	Hydrant Horiz. and Vert. Control Monument \$1	xpt-surv



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Figures				Points			
Code (see note below)	Figure	Figure Layer	Breakline	Style	Point Label Style	Format	Layer
HYD				HYD	HYD	Fire Hydrant \$1	xwater
HYH				HYD_HCM	HYD-HCM	Hydrant Horiz. Control Monument \$1	xpt-surv
HYV				HYD_VCM	HYD-VCM	Hydrant Vert. Control Monument \$1	xpt-surv
IB				IB	IB	Iron Bar 15mmx600mm \$1	xsurv
IP				IP	IP	Iron Pipe \$1	xsurv
L*	Y	XBASE	N	<default>	<default>	Line	xpt
ML*	Y	XBASE	N	<default>	<default>	Marsh Line	xpt
MON				CM	CM	MTC or City \$1	xsurv
MONH				MONH	MONH	Horizontal Control Monument \$1	xsurv
MONHV				MONHV	MONHV	Horiz. and Vert. Control Monument \$1	XSURV
MONV				MONV	MONV	Vertical Control Monument \$1	xsurv
P				POLE	<default>	Utility Pole \$1	xmisc
P1				BP	BP	Bell Pole \$1	xubell
P2				HP	HP	Hydro Pole \$1	xuhydro
P3				LP	LP	Light Standard Pole \$1	xuhydro
P4				TL	TL	Traffic Light Pole \$1	xuhydro
PD				PD	PD	Pay and Display \$1	xmisc
PK				PK	PK	Nail \$1	xsurvtemp
PST	Y	XBASE	N	POST	<default>	Post (Gate, Bollard) \$1	xbase
PT1				PM1	PM1	Single Parking Meter \$1	xmisc
PT2				PM2	PM2	Double Parking Meter \$1	xmisc
RIB				RIB	RIB	Round Iron Bar \$1	xsurv
RK				ROCK	<default>	Rock \$1	xbase
RL*	Y	XCNRAIL	Y	<default>	<default>	Rail Road Line	xpt
RR*	Y	XBASE	Y	<default>	<default>	Rip-rap	xpt
RW*	Y	XBASE	Y	<default>	<default>	Retaining Wall	xpt
S1				STUMP1	<default>	100mm Stump \$1	xtrees
S10				STUMP10	<default>	1000mm Stump \$1	xtrees
S11				STUMP11	<default>	1100mm Stump \$1	xtrees
S12				STUMP12	<default>	1200mm Stump \$1	xtrees
S13				STUMP13	<default>	1300mm Stump \$1	xtrees
S14				STUMP14	<default>	1400mm Stump \$1	xtrees
S15				STUMP15	<default>	1500mm Stump \$1	xtrees
S2				STUMP2	<default>	200mm Stump \$1	xtrees
S3				STUMP3	<default>	300mm Stump \$1	xtrees
S4				STUMP4	<default>	400mm Stump \$1	xtrees
S5				STUMP5	<default>	500mm Stump \$1	xtrees
S6				STUMP6	<default>	600mm Stump \$1	xtrees
S7				STUMP7	<default>	700mm Stump \$1	xtrees
S8				STUMP8	<default>	800mm Stump \$1	xtrees
S9				STUMP9	<default>	900mm Stump \$1	xtrees
SB				SB	SB	Signal Box \$1	xcnrail
SIB				SIB	SIB	Standard Iron Bar 25 \$1	xsurv
SIB1				SSIB	SSIB	Standard Iron Bar 25 \$1	xsurv
SL*	Y	XSLOPE	Y	<default>	<default>	Slope Line	xpt
SMH				SANMH	SANMH	Sanitary Manhole \$1	xsanmh
SS				TS	TS	Sign (single post) \$1	xbase
SS1				SS	SS	Stop Sign \$1	xbase
SS2				TS	TS	Street Sign \$1	xbase
SS3				RCS	RCS	Railway Crossing Sign \$1	xcnrail
SS4				GS	GS	Gas Marker Sign	xugas
SS5				BS	BS	Bell Marker Sign \$1	xubell
SS6				MS	MS	Monument Marker Sign \$1	xsurv
STK				STK	STK	Stake \$1	xsurvtemp
TB				PHONE	<default>	Telephone Booth \$1	xubell
TL*	Y	XTREES	N	<default>	<default>	Tree Line	xpt
TWAB				TWAB	TWAB	Tracer Wire Access Box \$1	XMISC
UB1				BB	BB	Bell Box \$1	xubell
UB2				HB	HB	Hydro Transformer Box \$1	xuhydro
UB3				CTVB	CTVB	Cable TV Box \$1	xuctv
UB4				TC	TC	Traffic Control Box \$1	XUTRAFFIC
UC*	Y	XBASE	N	<default>	<default>	Utility Cable specify \$1	xpt
UC1*	Y	XUBELL	N	<default>	<default>	Bell Utility Cable \$1	xpt
UC2*	Y	XUHYDRO	N	<default>	<default>	Hydro Utility Cable \$1	xpt



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Figures				Points			
Code (see note below)	Figure	Figure Layer	Breakline	Style	Point Label Style	Format	Layer
UC3*	Y	XUCTV	N	<default>	<default>	Cable TV Utility Cab \$1	xpt
UC4*	Y	XUTRAFFIC	N	<default>	<default>	Traffic Control Cable \$1	xpt
UMH				UMH	UMH	Utility manhole (specify) \$1	xmisc
UP1				BB	BB	Bell Pedestal \$1	xubell
UP2				HB	HB	Hydro Pedestal \$1	xuhydro
UP3				CTVB	CTVB	Cable TV Pedestal \$1	xuctv
UP4				TC	TC	Traffic Control Pedestal \$1	XUTRAFFIC
V				VAULT	VAULT	Vault \$1	xmisc
V1				VAULT1	VAULT1	Bell Vault \$1	xubell
V2				VAULT2	VAULT2	Hydro Vault \$1	xuhydro
V3				VAULT3	VAULT3	Tree Vault \$1	xtrees
W				WELL	WELL	Well \$1	xbase
WL*	Y	XSW	Y	<default>	<default>	Walk Line	xpt
WMON				WMON	WMON	Well Monitoring \$1	xbase
WP*	Y	XWATERM	N	<default>	<default>	Water Pipe	xpt
WS				SPRINKLER	<default>	Sprinkler Head \$1	xwater
WV				WV	WV	Water Valve \$1	xwater

Code Note: Asterisk "\*" in shown above is not part of the shot code. The asterisk denotes a numbered/lettered shot code representing different surveyed lines (ie. AL1 or ALN). Civil 3D will connected the commonly named shots.

7/7/2017