

SITE AND ROAD:	LAYER	BLOCK NAME	DESCRIPTION
T.C.	XTRAFFIC	SITE_TC-CoB	TRAFFIC CABINET
T.W.A.B.	XMISC	TWAB	TRACER WIRE ACCESS BOX
	XTREES	DSHRUB	DECIDUOUS SHRUBS
	XTREES	CSHRUB	CONIFEROUS SHRUBS
	XTREES	CT1 TO CT15	CONIFEROUS TREE
	XTREES	DT1 TO DT15	DECIDUOUS TREE
	XTREES	STUMP1 TO STUMP15	STUMP
	XTREES		TREE LINE, HEDGE
R.C.S.	XCNRAIL	RCS	RAILWAY CROSSING SIGN
S.B.	XCNRAIL	SB	SIGNAL BOX
	XCNRAIL		RAILWAY TRACKS
G.R.	XBASE		GUIDE RAIL
R.W.	XBASE		RETAINING WALL
	XBASE	WELL	WELL
	XBASE	WELLMON	MONITORING WELL
	XBASE	ROCK	ROCK
	XMISC	WETLAND	WETLAND, SWAMP, MARSH
P.M.	XMISC	PM1	SINGLE PARKING METER
P.M.2	XMISC	PM2	DOUBLE PARKING METER
P.D.	XMISC	PD	PAY AND DISPLAY PARKING PEDESTAL
EX.VAULT	XMISC	MISC_VAULT-CoB	MISCELLANEOUS VAULT
EX.VAULT	X-UT-UHYDRO	MISC_VAULT-CoB	HYDRO VAULT
EX.VAULT	X-UT-UGAS	MISC_VAULT-CoB	GAS VAULT
EX.VAULT	XTREES	MISC_VAULT-CoB	TREE VAULT
BH.2	BH	MISC_BH-CoB	BORE HOLE
	XMISC	SIGN-CoB	SIGN POST (SPECIFY)
	XMISC	MISC_POLE-CoB	MISC. POLE (EG// CLOTHESLINE)
G.W.	XMISC	MISC_GW-CoB	GUY WIRE
S.S.	XBASE	SS	STOP SIGN
T.S.	XBASE	TS	TRAFFIC SIGN
POST	XBASE	POST	POSTS

SURVEY:	LAYER	BLOCK NAME	DESCRIPTION
M.S.	XSURV	UTIL_MS-CoB	MONUMENT SIGN
S.I.B.	XSURV	SIB	STANDARD IRON BAR,
S.S.I.B.	XSURV	SSIB	SHORT STANDARD IRON BAR
C.M.	XSURV	CM	CONCRETE MONUMENT
I.B.	XSURV	IB	IRON BAR
R.I.B.	XSURV	RIB	ROUND IRON BAR
I.P.	XSURV	IP	IRON PIPE
C.C.	XSURV	CC	CUT CROSS
G.S.M. (HORIZ.)	XSURV	MONH	GEODETIC SURVEY MONUMENT (HORIZONTAL)
G.S.M. (VERT.)	XSURV	MONV	GEODETIC SURVEY MONUMENT (VERTICAL)
G.S.M. (HORIZ.) (VERT.)	XSURV	MONHV	GEODETIC SURVEY MONUMENT (HORIZONTAL AND VERTICAL)
P.I.	XSURV	PI	POINT OF INTERSECTION
STK	XSURVTEMP	PK	STAKE (TEMPORARY)
P.K.	XSURVTEMP	PK	NAIL (TEMPORARY)

EXISTING UTILITIES	LAYER	BLOCK NAME	DESCRIPTION
H.P.	X-UT-HYDRO	UTIL_HP-CoB	HYDRO POLE
B.P.	X-UT-BELL	UTIL_BP-CoB	BELL POLE
B.B.	X-UT-BELL	UTIL_BB-CoB	BELL PEDESTALS
H.B.	X-UT-HYDRO	UTIL_HB-CoB	HYDRO BOX
CTV.B.	X-UT-CTV	UTIL_CTV-CoB	CABLE TV BOX
U.M.H.	X-UT-MISC	UTIL_UMH-CoB	UTILITY MAINTENANCE HOLE (OTHER)
T.L.	X-UT-HYDRO	UTIL_TL-CoB	TRAFFIC LIGHT
H.M.H.	X-UT-HYDRO	UTIL_HMH-CoB	HYDRO MAINTENANCE HOLE
E.M.H.	X-UT-HYDRO	UTIL_EMH-CoB	ELECTRICAL MAINTENANCE HOLE (TRAFFIC LIGHTS)
B.M.H.	X-UT-BELL	UTIL_BMH-CoB	BELL MAINTENANCE HOLE
G.V.	X-UT-GAS	UTIL_GV-CoB	GAS VALVE
G.S.	X-UT-GAS	UTIL_GS-CoB	GAS SIGN
B.S.	X-UT-BELL	UTIL_BS-CoB	BELL SIGN
L.P.	X-UT-HYDRO	UTIL_LP-CoB	LIGHT POLE

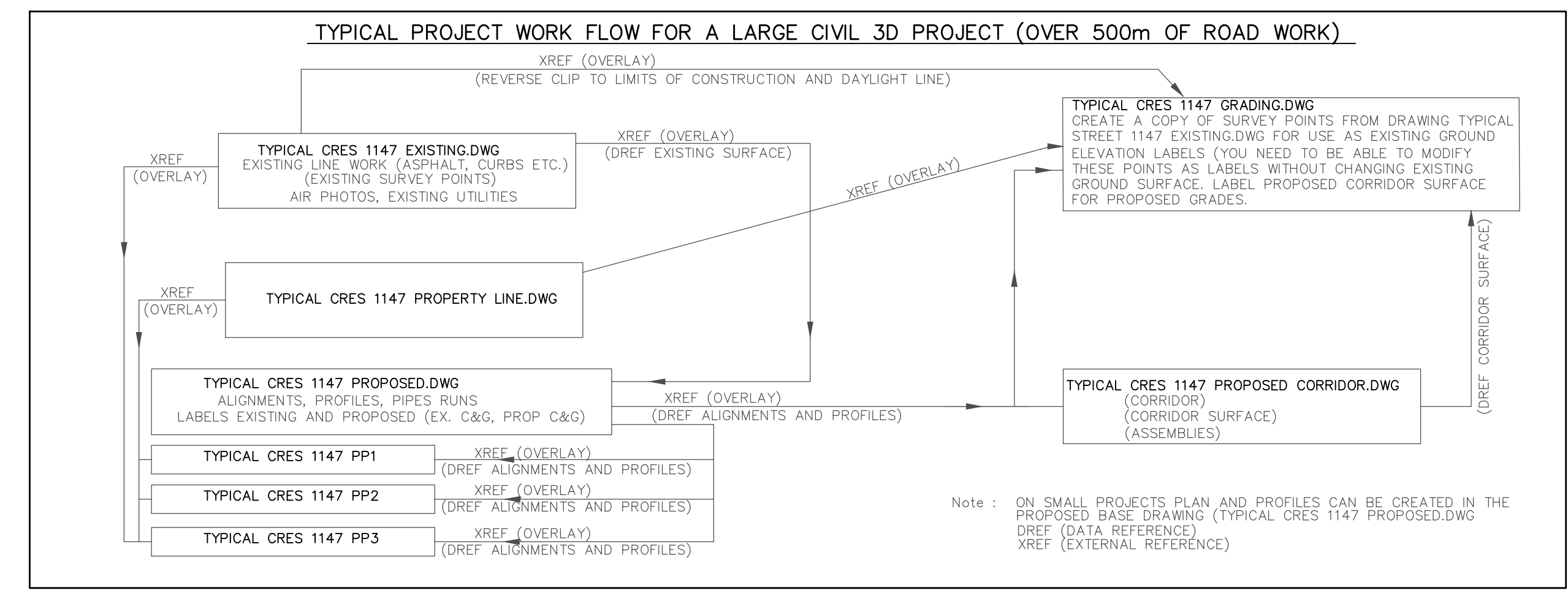
PROPOSED WATER	LAYER	BLOCK NAME	DESCRIPTION
	WATER	WTR_P_HYD-CoB	HYD
	WATER	WTR_P_WV-CoB	WV
	WATER	WTR_P_CS-CoB	CS
	WATER	WTR_P_REDUCER-CoB	REDUCER
	WATER	WTR_P_CAP-CoB	CAP
	WATER	WTR_P_CROSS-CoB	CROSS
	WATER	WTR_P_TEE-CoB	TEE
	WATER	WTR_P_SPRINKER-CoB	SPRINKLER
	WATER	PHYD-PROF	FIRE HYDRANT (IN PROFILE) (1 : 250 HORIZ. - 1 : 50 VERT.)

EXISTING WATER	LAYER	BLOCK NAME	DESCRIPTION
	XWATER	WTR_X_HYD-CoB	HYD
	XWATER	WTR_X_WV-CoB	WV
	XWATER	WTR_X_CS-CoB	CS
	XWATER	WTR_X_REDUCER-CoB	REDUCER
	XWATER	WTR_X_CAP-CoB	CAP
	XWATER	WTR_X_CROSS-CoB	CROSS
	XWATER	WTR_X_TEE-CoB	TEE
	XWATER	WTR_X_SPRINKER-CoB	SPRINKLER

PROPOSED STORM	LAYER	BLOCK NAME	DESCRIPTION
PROP.STM. MH	STMMH	STM_P_MH-CoB	STORM MAINTENANCE HOLE
PROP.STM. CB.MH	STMMH	STM_P_CBMH-CoB	DOUBLE CATCH BASIN MAINTENANCE HOLE
PROP.STM. CB	STMMH	STM_P_CB-CoB	CATCH BASIN
PROP.STM. DCB	STMMH	STM_P_DCB-CoB	DOUBLE CATCH BASIN
PROP.STM. RL.CB	STMMH	STM_P_RLCB-CoB	REAR LOT CATCH BASIN
PROP.STM. RLDCB	STMMH	STM_P_RLDCB-CoB	REAR LOT DOUBLE CATCH BASIN
PROP.STM. DCB.MH	STMMH	STM_P_DCBMH-CoB	DOUBLE CATCH BASIN MAINTENANCE HOLE
PROP.STM. DI	STMMH	STM_P_DI-CoB	DITCH INLET
PROP.STM. DDI	STMMH	STM_P_DDI-CoB	DOUBLE DITCH INLET
PROP.STM. DIMH	STMMH	STM_P_DIMH-CoB	DITCH INLET MAINTENANCE HOLE
PROP.STM. DDI.MH	STMMH	STM_P_DDIMH-CoB	DOUBLE DITCH INLET MAINTENANCE HOLE
PROP.STM. CO	STMMH	STM_P_CO-CoB	CLEAN OUT
EX. HW	STMMH	STM_P_CAP-CoB	CAP
EX. ROOF DRAIN	STMMH	STM_P_HEADWALL-CoB	HEADWALL INLET/OUTLET
EX. OIL GRIT DEVICE	STMMH	STM_P_ROOFDRAIN-CoB	ROOF AREA DRAIN
	STMMH	STM_P_OILGRIT-CoB	OIL GRIT DEVICE

PROPOSED STORM	LAYER	BLOCK NAME	DESCRIPTION
PROP.SAN. MH SA	SANMH	SAN_P_MH-CoB	SANITARY MAINTENANCE HOLE
CO	SANS	SAN_P_CLEANOUT-CoB	SANITARY SERVICE CLEAN-OUT
PLUG	SANMH	SAN_P_PLUG-CoB	PLUG
CAP	SANMH	SAN_P_CAP-CoB	CAP
CHECKVALVE	SANMH	SAN_P_BACKFLOW-CoB	BACKFLOW PREVENTION

EXISTING SEWER	LAYER	BLOCK NAME	DESCRIPTION
EX.STM	XSTMMH	STM_X_MH-CoB	MAINTENANCE HOLE
EX.CB.MH	XSTMMH	STM_X_CBMH-CoB	DOUBLE CATCH BASIN MAINTENANCE HOLE
EX.CB	XSTMMH	STM_X_CB-CoB	CATCH BASIN
EX.DCB	XSTMMH	STM_X_DCB-CoB	DOUBLE CATCH BASIN
EX.RL.CB	XSTMMH	STM_X_RLCB-CoB	REAR LOT CATCH BASIN
EX.RLDCB	XSTMMH	STM_X_RLDCB-CoB	REAR LOT DOUBLE CATCH BASIN
EX.DCB.MH	XSTMMH	STM_X_RLDCBMH-CoB	DOUBLE CATCH BASIN MAINTENANCE HOLE
EX.DI	XSTMMH	STM_X_DI-CoB	DITCH INLET
EX.DDI	XSTMMH	STM_X_DDI-CoB	DOUBLE DITCH INLET
EX.DIMH	XSTMMH	STM_X_DIMH-CoB	DITCH INLET MAINTENANCE HOLE
EX.DDIMH	XSTMMH	STM_X_DDIMH-CoB	DOUBLE DITCH INLET MAINTENANCE HOLE
EX.CO	XSTMMH	STM_X_CO-CoB	CLEAN OUT
EX.CAP	XSTMMH	STM_X_CAP-CoB	CAP
EX.ROOF DRAIN	XSTMMH	STM_X_HEADWALL-CoB	HEADWALL INLET/OUTLET
EX.ROOF DRAIN	XSTMMH	STM_X_ROOFDRAIN-CoB	ROOF AREA DRAIN
EX.OIL GRIT	XSTMMH	STM_X_OILGRIT-CoB	OIL GRIT DEVICE
EX.SAN. MH SA	XSANMH	SAN_X_MH-CoB	SANITARY MAINTENANCE HOLE
EX.PLUG	XSANMH	SAN_X_PLUG-CoB	PLUG
EX.CAP	XSANMH	SAN_X_CAP-CoB	CAP
EX.CHECK VALVE	XSANMH	SAN_X_BACKFLOW-CoB	BACKFLOW PREVENTION
EX.CO	XSANS	SAN_X_CLEANOUT-CoB	SANITARY SERVICE CLEAN-OUT
EX.CO	XSANMH	SAN_X_UNKNOWN-CoB	UNKNOWN



Note : ON SMALL PROJECTS PLAN AND PROFILES CAN BE CREATED IN THE PROPOSED BASE DRAWING (TYPICAL CRES 1147 PROPOSED.DWG DREF (DATA REFERENCE) XREF (EXTERNAL REFERENCE)

GENERAL NOTES
BLOCKS ARE DRAWN TO METRIC 1:1 SCALE AND ARE INCLUDED IN CITY OF BARRIE TEMPLATE DWG.
SCALE BLOCKS 0.5 FOR 1 : 500 SCALE
0.25 FOR 1 : 250 SCALE

BENCH MARKS

NO.	REVISIONS	DATE	APPROVED
1.	EXAMPLE REVISION BLOCK	MM/YY	?.?.?

CITY OF BARRIE APPROVED
DATE:

CAD STANDARDS
STANDARD BLOCKS & TYPICAL CIVIL 3D PROJECT WORKFLOW

Barrie ENGINEERING DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50	DRAWING NO. 2017-12
DESIGN ENG.	DRAWN M.D.S.	SHEET NO. SD-2
REVIEWED ENG.	DATE DEC 17	