STANDARDS

FOR

PLAN & PROFILE DRAWINGS

STANDARD No. 105

LINETYPE	NAME
	BORDER
	BORDER2
	CENTER
	CENTER2
	DASHDOT
	DASHED
	DASHED2
	DIVIDE
	DIVIDE2
	DOT
	HIDDEN
	HIDDEN2
	PHANTOM
	PHANTOM2
	DITCH
	XDITCH
LOT	LOT
SAN	XSANS
WS	WATERS
WS	XWATERS
	XWATERM
U/G	XBELL
CTV	XCTV
	XFENCE
	XGAS
U/G U/G	XHYDRO
	FENCELINE1
	FENCELINE2
	ROW
SAN	SANS

PLOTTER PEN ASSIGNMENTS
(PLOT BLACK)

PEN COLOR	PEN #	PEN WIDTH (mm) CALCOMP
1	1	0.350
2	2	0.350
3	3	0.350
4	4	0.350
5	5	0.350
6	6	0.350
7	7	0.250
8	8	0.150
9	9	0.150
10	10	0.250
11	11	0.150
12	12	0.250
13	13	0.250
20	20	0.250
23	23	0.150
30	30	0.150
32	32	0.250
40	40	0.250
41	41	0.150
50	50	0.250
51	51	0.250
52	52	0.250
53	53	0.350
55	55	0.150
62	62	0.150
80	80	0.250
90	90	0.250
92	92	0.150
130	130	0.250
132	132	0.150
140	140	0.250
150	150	0.250
151	151	0.250
200	200	0.500
210	210	0.250
231	231	0.150

STANDARD DRAWING NAMES

TITLE	- TITLE, KEY PLAN, LIST OF DRAWINGS SHEET
HOR1	- HORIZONTAL CONTROL PLAN (*)
SITE1	- SITE PLAN OR LAYOUT PLAN (*)
GEN1	- GENERAL SERVICE PLANS (*)
SAN1	- SANITARY DRAINAGE AREA (*)
STM1	- STORM DRAINAGE AREA (*)
G1	- GRADING PLANS (*)
PP1	- PLAN AND PROFILE DRAWING (*)
P1	- PLAN VIEW DRAWING (*)
DET1	- GENERAL NOTES & DETAIL SHEETS (*)
PAVMTR	- PAVEMENT MARKINGS DETAIL (*)
SS1	- STREETSCAPING DRAWING (*)
ALT1	- ALTERNATIVE (*)
CON1	- CONCEPT DRAWING (*)
*	- THE NUMBER INDICATES THE SHEET

FOR CONTRACT WHERE THERE ARE PART 'A' AND 'B' - INDICATE DRAWING NAMES WITH 'A' OR 'B' AFTER THE DRAWING NUMBER, i.e. PP1A, PP1B.
FOR DRAWINGS GENERAL TO BOTH PARTS, USE 'GEN' AFTER THE DRAWING NAME, i.e. SANGEN1, DETGEN1 .

LAYERING SCHEME

1. EXISTING

LAYER NAME	COLOR	LINETYPE	DESCRIPTION
GENERAL:			
Bndry	4	border2	boundary line
Bordblock	7	cont.	title block
Border	7	cont.	page border
Bordtext	4	continuous	title block text
Bridges	2	continuous	bridges
CLine	10	center	centerline and (or) baseline
CNrail	8	dashedx2	CNR railway
Comments	5	continuous	comments
Dimrl	5	continuous	dimension lines & text
Easemt	1	dashedx2	easement line
Gen1	7	continuous	notes
Gen2	4	continuous	notes
Grade	7	continuous	direction of grading
Grid	9	continuous	plan grid
Grid1	8	continuous	plan grid
Grid2	9	continuous	plan grid
Horcont	150	continuous	horizontal control
Logo	7	continuous	Town of Caledon logo
Lot	2	continuous	lot line
Match	7	continuous	matchline, limit of constr.
Misc	9	continuous	miscellaneous
Na	4	continuous	north arrow
Numbers	3	continuous	municipal or lot numbers
Parking	9	dashed	parking
Pgrid	8	continuous	profile & X-section grid
Pits	7	continuous	pits
Poles	2	continuous	poles
Ptn	7	continuous	point number
Ptn-nc	7	continuous	point number (non-contourable)
P60	7	continuous	text leaders, dimension
P80	7	continuous	text leaders, dimension
P100	7	continuous	text leaders, dimension
P120	7	continuous	text leaders, dimension & vert. elev. on grid
P140	7	continuous	text
Remove	7	continuous	hatch pattern for objects to be removed
Removelnpaint	7	continuous	line painting removal
Rip-Rap	10	continuous	rip rap
Road	2	continuous	road
Road names	2	continuous	street names
Row	7	phantomx2	right of way
Scratch	151	continuous	construction line
Shore	130	continuous	lake shoreline
Slope	3	continuous	top or bottom slope, berm
Spotelev	1	continuous	spot elevation
Sta	51	continuous	road station & curve info.
Strnames	130	continuous	street names
Strum	7	continuous	building numbers
Streams	130	continuous	streams
Subshed	80	hidden	watershed sub-boundary
Swamps	80	continuous	swamp area, marsh
TCGpipe	40	dividex2	Trans Canada Gas pipeline
Tics	7	continuous	tic marks
Towers	7	continuous	towers
Traffic	2	continuous	lane & pavement markings
Vercont	92	continuous	vertical control
Watershd	6	continuous	watershed area
SITE & ROAD:			
Bldgs	200	continuous	buildings
Exgrdelev	8	continuous	ex. ground elevation
Surv	7	continuous	survey info.
Exbase	8	continuous	ex. base
Excl	8	center	ex. centerline and (or) baseline
Excurb	8	dashedx2	ex. curb
Exditch	30	xditch	ex. ditch, swale
Exfence	8	xfence	ex. fence
Exgabion	23	continuous	ex. gabion baskets
Exgdrail	50	continuous	ex. guiderail or post & wire
Exlnpaint	53	continuous	ex. line painting
Expavmt	8	dashed	ex. edge of pavement
Expref	7	dashedx2	ex. profile
Exshldr	8	dashedx2	ex. edge of shoulder
Exsw	8	dashedx2	ex. sidewalk
Extrees	62	continuous	trees, vegetation
SEWER:			
Exculv	8	dashed2	ex. culvert
Exsan	92	continuous	not incl. below info.
Exsanm	92	dashedx2	ex. sanitary main
Exsanmh	92	continuous	ex. sanitary manhole
Exsans	92	xsans	ex. sanitary service
Extstm	8	continuous	not incl. below info.
Extstmm	8	centerx2	ex. storm main / subdrain
Extstmmh	8	centerx2	ex. storm manhole
Extstms	8	dashedx2	ex. storm service
UTILITIES:			
Exbell	30	xbell	ex. bell
Excond	11	dashed	ex. conduit (traffic lights etc.)
Exctv	85	xctv	ex. cable TV
Exgas	41	xgas	ex. gas main
Exhydro	231	xhydro	ex. hydro
Exsprink	132	dashed	ex. sprinkler system
Exwater	132	continuous	ex. notes, valve, hydrant etc.
Exwatem	132	xwatem	ex. water main
Exwaters	132	xwaters	ex. water service
Exw-hyd	132	continuous	ex. water valves & hydrants

2. PROPOSED

LAYER NAME	COLOR	LINETYPE	DESCRIPTION
SITE & ROAD:			
Base	2	continuous	base plain
Curb	1	continuous	curb
Ditch	52	ditch	ditch line
Elev	2	continuous	ground elevation
Fence	2	dashedx2	fence
Gabion	11	continuous	gabion baskets
Guiderail	6	fenceline2	guiderail or post & wire
Lnnpaint	7	continuous	line painting
Pavemt	1	continuous	pavement edge
Prof	1	continuous	design profile
Shldr	20	hidden	shoulder edge
Sw	2	continuous	sidewalk
Text	7	continuous	text
Trees	3	continuous	trees, vegetation
SEWER:			
Culv	50	dashed	culverts
San	90	continuous	not incl. below info.
Sana	4	continuous	sanitary drainage area
Sanm	3	continuous	sanitary main
Sanmh	3	continuous	sanitary manhole
Sans	90	hidden	sanitary service
Stm	11	continuous	not incl. below info.
Stma	4	phantomx2	storm drainage area
Stmm	5	dashed	storm main / subdrain
Stmmh	5	continuous	storm manhole
Stms	5	dashed	storm service
UTILITIES:			
Bell	32	dashedx2	bell
Cond	11	centerx2	conduit (traffic lights etc.)
Ctv	4	dashedx2	cable TV
Gas	2	dividex2	gas main
Hydro	6	dashedx2	hydro
Sprink	4	centerx2	sprinkler system
Water	4	continuous	notes, water valve, hydrant etc.
Watermm	4	centerx2	water main
Waters	4	waters	water service

3. DRAINAGE PLANS

SANITARY:			
Catchmnt	210	continuous	sanitary drainage divide
Subcatch	140	hidden	subcatchment boundary
Local-san	3	hidden2	local boundary
Zoning	7	continuous	zoning boundary
STORM:			
Exwat005	2	continuous	ex. watershed boundary - 5 year storm
Exwat100	11	continuous	ex. watershed boundary - 100 year storm
Fwat005	2	continuous	future watershed boundary - 5 yr storm
Fwat100	2	continuous	future watershed boundary - 100 yr storm
Exsub005	2	hidden	existing subcatchment - 5 year
Exsub100	130	hidden	existing subcatchment - 100 year
Fsub005	130	hidden	future subcatchment - 5 year
Fsub100	130	hidden	future subcatchment - 100 year
Local-stm	11	hidden2	local boundary

LAYERING SCHEME FOR GWN-DTM (IF APPLICABLE)

TTM	8	continuous	triangulated terrain models (TTM)
DTTM	4	continuous	design TTM
INDcntr	2	continuous	index contours (5m)
INTERcntr	8	continuous	intermediate contours (1m)
AUXcntr	1	continuous	auxiliary contours (0.5m)
Elev	2	continuous	point & breakline data, annotation text
Pgrid	8	continuous	profile and X-section grid
Poly	13	continuous	polygons
Exsec	2	continuous	ex. ground X-sections
Dxsec	3	continuous	design X-sections
Exprof	7	dashedx2	ex. ground profile
Prof	80	continuous	design profile

LAYERING SCHEME FOR AutoPROF (IF APPLICABLE)

Pdim	2	continuous	dimension lines
P80	7	continuous	80 leroy text
P100	2	continuous	100 leroy text
P140	80	continuous	120 leroy text
Pgrid	8	continuous	profile grid
Prof	80	continuous	design profile
Sanm	3	continuous	sanitary main
Sanmh	3	continuous	sanitary manhole
Stmm	5	phantom	storm main
Stmmh	5	phantom	storm manhole
Watermm	130	centerx2	water main

SYMBOLS	LAYER	DESCRIPTION
	SURV	CONCRETE MONUMENT, STANDARD IRON BAR, SHORT STANDARD IRON BAR
	SURV	IRON BAR, STAKE, NAIL
	SURV	ROUND IRON BAR, IRON PIPE
	SURV	CUT CROSS
	SURV	BENCH MARK, GEODETIC BENCH MARK
	SURV	GEODETIC SURVEY MONUMENT (2nd Order)
	SURV	POINT OF INTERSECTION
	SURV	BORE HOLE
	CNRAIL	RAILWAY CROSSING SIGN
	CNRAIL	SIGNAL BOX
	CNRAIL	RAILWAY TRACKS
G.R.	EXGDRAIL	GUIDE RAIL
R.W.	EXBASE	RETAINING WALL
PROP. G.R.	GUIDERAIL	PROPOSED GUIDE RAIL
PROP. R.W.	BASE	PROPOSED RETAINING WALL
	EXFENCE	FENCE (INDICATE TYPE)
	EXDITCH	DITCH
	FENCE	PROP. FENCE (INDICATE TYPE)
	DITCH	PROPOSED DITCH
H.P., B.P.	BYLAYER	HYDRO POLE, BELL POLE
G.W.	BYLAYER	GUY WIRE
G.S. , B.S. , M.S.	BYLAYER	GAS SIGN, BELL SIGN, MONUMENT SIGN
B.B. , H.B. , CTV.B.	BYLAYER	BELL BOX, HYDRO BOX, CABLE TV BOX
POLE (DESCRIPTION)	MISC	MISC. POLE (ie. Clothline)
SIGN	MISC	SIGN POST (SPECIFY)
U.M.H.	MISC	UTILITY MANHOLE (OTHER)
S.S. , T.S.	EXBASE	STOP SIGN, TRAFFIC SIGN
POST	EXBASE	POSTS
P.M.	PARKING	SINGLE PARKING METER
P.M.	PARKING	DOUBLE PARKING METER
L.P. , T.L.	EXHYDRO	LIGHT POLE, TRAFFIC LIGHT
H.M.H.	EXHYDRO	HYDRO MANHOLE
E.MH.	EXHYDRO	ELECTRICAL MANHOLE (TRAFFIC LIGHTS)
B.MH.	EXBELL	BELL MANHOLE
	EXBELL	TELEPHONE BOOTH
HYD.	EXWATER , WATER	FIRE HYDRANT
V #	EXWATER , WATER	WATER VALVE
	EXWATER , WATER	CURB STOP
	WATER	WATERMAN CROSS, TEE
	WATER	WATERMAN CAP, REDUCER
	WATER	FIRE HYDRANT (IN PROFILE)
G.V.	EXGAS	GAS VALVE
	EXGRNDELEV	EXISTING GROUND POINT
	BYLAYER	VAULT
	BYLAYER	GABION BASKET, STONE
	RIP-RAP	RIP RAP
	EXBASE	ROCK
WELL	EXBASE	WELL
SAN. MH.	EXSANMH , SANMH	SANITARY MANHOLE
STM. MH.	EXSTMMH , STMMH	STORM MANHOLE
C.B.MH.	EXSTMMH , STMMH	CATCH BASIN MANHOLE
C.B.	EXSTMMH , STMMH	SINGLE CATCH BASIN
D.C.B. , D.C.B.MH.	EXSTMMH , STMMH	DOUBLE CATCH BASIN, DOUBLE CATCH BASIN MANHOLE
D.I.C.B.	EXSTMMH , STMMH	DITCH INLET CATCH BASIN
	EXCULV	CULVERT
	SWAMPS	SWAMP, MARSH
	EXTREES	TREE LINE, HEDGE
	EXTREES	DECIDUOUS, CONIFEROUS TREE ; STUMP (TREE SIZES WILL BE IN 100mm INCREMENTS)
	EXTREES	DECIDUOUS AND CONIFEROUS SHRUBS
	REMOVE	HATCHING FOR OBJECTS TO BE REMOVED (SCALE OF HATCHING TO BE IN PROPORTION TO THE ITEM TO BE REMOVED)

BLOCK SYMBOLS

NOTE: THERE IS 2 TYPES OF BLOCKS, ONE WITH TEXT ONLY AND SECOND WITH AN ATTRIBUTE. ATTRIBUTES CAN BE ADJUSTED BY USING COMMAND : ATTEDIT .

BLOCKS ARE DRAWN TO METRIC 1:1 SCALE AND ARE INCLUDED IN CITY OF BARRIE PROTOTYPE DRAWING BARRIETYPE.DWG.

TREE SIZES (DIA.) WILL BE IN 100mm INCREMENTS.

BLOCK	C.M	S.I.B.	S.S.I.B.	I.B	STK	P.K.	C.C.	R.I.B.	I.P	B.M.	G.B.M.	P.I.		
BLOCK NAME	CM	SIB	SSIB	IB	STK	PK	CC	RIB	IP	BM	GBM	PI		
BLOCK	R.C.S.	S.B.	S.S.	T.S.			P.M.	P.M.						
BLOCK NAME	RCS	SB	SS	TS	SIGN	POST	PM1	PM2	EG					
BLOCK	H.P.	G.W.	L.P.	T.L.		B.P.	B.S.	G.S.	M.S.					
BLOCK NAME	HP	GW	LP	TL	POLE	BP	BS	GS	MS	N				
BLOCK	EX.SAN.MH.	EX.STM. MH.	EX. C.B.MH.	EX. D.C.B.MH.	EX. C.B.	EX. D.C.B.	EX. D.I.C.B.							
BLOCK NAME	SANMH	STMMH	CBMH	DCBMH	CB	DCB	DICB	CULV	TREELINE	HEDGE				
BLOCK	B.MH.	B.B.		H.MH.	E.MH.	H.B.	U.MH.	CTV.B.						
BLOCK NAME	BMH	BB	PHONE	HMH	EMH	HB	UMH	CTVB	DSHRUB	CSHRUB				
BLOCK														
BLOCK NAME	HYD	WV	CS	PHYD	PWV	PCS	CAP	CROSS	TEE	REDUCER				
BLOCK	G.V.						WELL							
BLOCK NAME	GV	VAULT	RIPRAP	SWAMP	ROCK	WELL								

PROP. FIRE HYDRANT
STA. 0+035.4
FLANGE ELEV. 227.52
HYD-PROF

BLOCKS WITH ATTRIBUTES

BLOCK	PROP.STM. MH.#	PROP. C.B.MH.#	PROP.D.C.B. MH.#	PROP.C.B.#	PROP.D.C.B.#	PROP. D.I.C.B.#
BLOCK NAME	PSTMMH	PCBMH	PDCBMH	PCB	PDCB	PDICB
BLOCK	PROP.SAN. MH.#	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	PSANMH	D1	D2	D3	D4	D5
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	D6	D7	D8	D9	D10	D11
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	D12	D13	D14	D15	C1	C2
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	C3	C4	C5	C6	C7	C8
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	C9	C10	C11	C12	C13	C14
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLOCK NAME	C15	STUMP1	STUMP2	STUMP3	STUMP4	STUMP5
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	G.S.M. # #
BLOCK NAME	STUMP6	STUMP7	STUMP8	STUMP9	STUMP10	STUMP11
BLOCK	QUANTITY	QUANTITY	QUANTITY	QUANTITY	B.H.# #	
BLOCK NAME	STUMP12	STUMP13	STUMP14	STUMP15	GSM	BH

KEY MAP

GENERAL NOTES

NO.	BY	DATE	REVISION	CONS. CHECKED	TOWN APPR'D

APPROVED FOR CONSTRUCTION

THIS APPROVAL CONSTITUTES A GENERAL REVIEW AND DOES NOT CERTIFY DIMENSIONAL ACCURACY.

THIS APPROVAL IS SUBJECT TO THE FURTHER CERTIFICATION OF THE "AS CONSTRUCTED" WORKS BY A REGISTERED PROFESSIONAL ENGINEER OF THE PROVINCE OF ONTARIO.

DATE :_____ APPROVED BY:_____

MANAGER OF COMMUNITY SERVICES

BENCH MARK:

PROJECT NAME

CONSULTANT

REGION OF PEEL

TOWN OF CALEDON

STA. TO STA.

SCALE: HORIZ.	VERT.	PROJECT No.
DESIGNED BY:	DRAWN BY:	DRAWING No.
CHECKED BY:	DATE:	