

**DIGITAL INFORMATION STANDARD
DATA EXTRACTION DWG (AUTOCAD)**

BLOCKS WITH ATTRIBUTES USED TO PROVIDE ATTRIBUTE DATA ON ELEMENTS REQUIRED AS PER THE DIGITAL INFORMATION STANDARD - DATA EXTRACTION DWG (AUTOCAD). ALL ATTRIBUTES IN GREEN REQUIRE ENTRY BASED ON THE PRESET VALUES LISTED IN THE DATA TABLE CHECKLIST(S); VARIATION FROM THE PRESET VALUES CAN CAUSE THE SYSTEM TO REJECT YOUR SUBMISSION.

LAYER	BLOCK_NAME	DESCRIPTION	EXAMPLE
GIS_BOREHOLES	SURV_BH-CoB	BORE HOLE	BOREHOLES [BH ID] [SURFACE ELEVATION] [DRILL COMPANY] [DRILL WATER LEVEL] [DRILL DATE] [MONITOR WATER LEVEL] [MONITOR DATE] [CORE TESTING (YES/NO)] [LVL 1 DEPTH (m)] [LVL 1 CLASSIFICATION] [LVL 1 DESCRIPTION] [LVL 2 DEPTH (m)] [LVL 2 CLASSIFICATION] [LVL 2 DESCRIPTION] [LVL 3 DEPTH (m)] [LVL 3 CLASSIFICATION] [LVL 3 DESCRIPTION] [LVL 4 DEPTH (m)] [LVL 4 CLASSIFICATION] [LVL 4 DESCRIPTION] [LVL 5 DEPTH (m)] [LVL 5 CLASSIFICATION] [LVL 5 DESCRIPTION] [LVL 6 DEPTH (m)] [LVL 6 CLASSIFICATION] [LVL 6 DESCRIPTION]
GIS_BRIDGE	GIS_BRIDGE-CoB	BRIDGE DATA	BRIDGE MARKER [BRIDGE TYPE] [CROSSING TYPE] [DECK LENGTH] [DECK AREA]
GIS_ILLUMINATION	GIS_ILLUMINATION-CoB	ILLUMINATION DATA	ILLUMINATION [TYPE] [MOUNTING HEIGHT] [TYPE OF LIGHT] [ARM LENGTH] [LAMP LENGTH]
GIS_PARKS	GIS_PARKS-CoB	PARK FEATURE DATA	PARKS [TYPE OF FEATURE] [MAKE OF EQUIP.] [MATERIAL] [LENGTH] [WIDTH]
GIS_PARKING	GIS_PARKING-CoB	PARKING DEVICE DATA	PARKING [DEVICE TYPE] [DEVICE NAME] [DEVICE MODEL] [PAYMENT TYPE]
GIS_POLE	GIS_POLE-CoB	POLE FEATURE DATA	POLE [TYPE] [HEIGHT] [SHAPE] [TYPE MOUNT] [TYPE OF WIRE] [SIGNALS (YES/NO)] [LIGHTS (YES/NO)]
GIS_ROAD_CROSSING	GIS_ROAD_CROSS-CoB	ROAD CROSSINGS (CROSSWALKS)	ROAD CROSSING [CROSSING TYPE]
GIS_INTERSECTION	GIS_INTERSECTION-CoB	ROAD INTERSECTION	INTERSECTION [TYPE OF INTERSECTION]
GIS_TREES	GIS_TREES-CoB	TREE INVENTORY	TREES [TREE TYPE] [STREET NAME] [SPECIES] [COMMON NAME] [MESSAGE STATUS] [PLANTING DATE] [CONDITION] [HEIGHT] [DAPF (CANOPY)] [COMMENTS] [PLANTING] [BOUNDARY TREE] [CITY TREE] [RETAIN/REMOVE] [REMOVE RATIONALE]
GIS_UTILITY	GIS_UTILITY-CoB	UTILITY DATA	UTILITY [UTILITY TYPE]
GIS_CONTROL	GIS_CONTROL-CoB	SURVEY CONTROL	SURVEY CONTROL [ELEVATION] [BENCHMARK ID] [TYPE (OMB, VERT, HORZ.)] [LATITUDE] [LONGITUDE] [SCALE FACTOR] [HORIZONTAL ORDER] [VERTICAL ORDER] [STATUS]
GIS_SAN_DEVICE	GIS_SAN_DEVICE-CoB	SANITARY DEVICE	SANITARY DEVICE [STATUS] [MATERIAL] [COVER TYPE] [DEPTH] [TOP ELEVATION]
GIS_SAN_PIPE	GIS_SAN_PIPE-CoB	SANITARY PIPE	SANITARY PIPE [STATUS] [DOWNSTREAM ID] [UPSTREAM ELEVATION] [DOWNSTREAM ELEVATION] [TYPE] [MATERIAL] [INSIDE WIDTH] [INSIDE HEIGHT] [EASEMENT TYPE]
GIS_STM_DEVICE	GIS_STM_DEVICE-CoB	STORM DEVICE	STORM DEVICE [STATUS] [DEVICE TYPE] [GRATE TYPE] [MATERIAL] [DEPTH] [TOP ELEVATION]
GIS_STM_PIPE	GIS_STM_PIPE-CoB	STORM PIPE	STORM PIPE [STATUS] [DOWNSTREAM ID] [UPSTREAM ELEVATION] [DOWNSTREAM ELEVATION] [TYPE] [MATERIAL] [INSIDE WIDTH] [INSIDE HEIGHT] [EASEMENT TYPE]
GIS_SIGNS	GIS_SIGNS-CoB	SIGNS	SIGN MARKER [TYPE OF SIGN] [SIGN NUMBER or DESCRIPTION]
GIS_BLDG_FOOTPRINT	SURV_FOOTPRINT-CoB	BUILDING FOOTPRINT MARKER	BUILDING MARKER [BUILDING HEIGHT]

PROPOSED

LAYER NAME	COLOUR	LINETYPE	DESCRIPTION
SITE & ROAD:			
BASE	2	CONTINUOUS	BASE PLAN
CL	51	CENTER	CENTRELINE AND/OR BASELINE
CURB	50	CONTINUOUS	CURB
DITCH	52	DITCH	DITCH LINE
ELEV	2	CONTINUOUS	GROUND ELEVATION
FENCE	2	DASHEDX2	FENCE
PAVEMT	80	CONTINUOUS	PAVEMENT EDGE
PAVEMARK	2	CONTINUOUS	LANE AND PAVEMENT MARKING
PARKING	2	CONTINUOUS	PARKING STALLS
REMOVE	5	CONTINUOUS	HATCH PATTERN FOR OBJECTS TO BE REMOVED
SHLDR	2	CONTINUOUS	SHOULDER EDGE
STA	51	CONTINUOUS	STATION TIC MARKS & CURVE INFO.
STALBL	51	CONTINUOUS	STATION LABELS
SW	50	CONTINUOUS	SIDEWALK
TREES	3	CONTINUOUS	TREES, VEGETATION
BH	7	CONTINUOUS	BOREHOLE
PARKS	3	CONTINUOUS	PARK ELEMENTS (BENCH, PLAYGROUND EQUIPMENT, ETC.)
SEWER:			
SAN	90	CONTINUOUS	TEXT LABELS
SANM	3	CONTINUOUS	SANITARY MAIN
SANMH	3	CONTINUOUS	SANITARY MAINTENANCE HOLE
SANS	90	HIDDEN	SANITARY SERVICE (SHOW AS 0.15M PLINE)
STM	52	CONTINUOUS	TEXT LABELS
STMM	50	PHANTOM	STORM MAIN / SUBDRAIN / SERVICE
STMS	50	PHANTOM	LEAD / SUBDRAIN / SERVICE
STMMH	50	CONTINUOUS	STORM MAINTENANCE HOLE
STMCVLV	50	CONTINUOUS	CULVERTS
WATER:			
WATER	130	CONTINUOUS	NOTES, WATER VALVE, HYDRANT ETC.
WATERM	131	CENTERX2	WATER MAIN
WATERS	131	DASHED	WATER SERVICE (0.15 WIDTH PLINE)
WASPRINK	130	CENTERX2	SPRINKLER SYSTEM
UTILITIES:			
u/b	2	XBELL	UNDERGROUND BELL
ctv	2	XCTV	UNDERGROUND CABLE TV
g	2	XGAS	UNDERGROUND GAS MAIN
u/h	2	XHYDRO	UNDERGROUND HYDRO
u/c	11	CENTERX2	UNDERGROUND CONDUIT (TRAFFIC LIGHTS ETC.)
u/b	2	DASHEDX2	ABOVEGROUND BELL
u/c	2	DASHEDX2	ABOVEGROUND CABLE TV
u/g	2	DIVIDEDX2	ABOVEGROUND GAS MAIN
u/h	2	DASHEDX2	ABOVEGROUND HYDRO
PROFILE			
PFGC	3	CONTINUOUS	PROPOSED FINISHED GROUND CENTRELINE
PFGCT	2	CONTINUOUS	PROPOSED FINISHED GROUND CENTRELINE TEXT
PGRID	8	CONTINUOUS	PROFILE GRID LINES
PROP. TEXT - DIMENSIONING AND LABELS			
TEXT	2	CONTINUOUS	PROPOSED TEXT, NOTES, DIMENSIONS
GEN1	1	CONTINUOUS	TEXT IN TITLEBLOCK
GEN2	2	CONTINUOUS	PROPOSED TEXT, TEXT IN TITLEBLOCK
GEN3	3	CONTINUOUS	MATCH LINES, STREET NAMES
GEN4	4	CONTINUOUS	STREET NAMES

EXISTING

LAYER NAME	COLOUR	LINETYPE	DESCRIPTION
SITE & ROAD:			
XBASE	55	DASHEDX2	EX. BASE
XBLDGS	6	CONTINUOUS	EX. BUILDINGS
XCNRAIL	9	TRAINTRACK	CNR RAILWAY
XCURB	9	DASHEDX2	EX. CURB
XDITCH	30	XDITCH	EX. DITCH, SWALE
XEASEMT	2	DASHEDX2	EASEMENT LINE
XFENCE	9	XFENCE	EX. FENCE
XLOT	1	LOT	LOT LINE
XMISC	9	CONTINUOUS	MISCELLANEOUS
XPAVEMT	9	DASHEDX2	EX. EDGE OF PAVEMENT
XPROF	9	DASHEDX2	EX. PROFILE
XROW	132	CONTINUOUS	RIGHT OF WAY
XSHLDR	9	DASHEDX2	EX. EDGE OF SHOULDER
XSLOPE	1	CONTINUOUS	TOP OR BOTTOM SLOPE, BERM
XSURV	7	CONTINUOUS	SURVEY INFO.
XSURVTEMP	151	CONTINUOUS	SURVEY INFO. (TEMPORARY)
XSW	9	DASHEDX2	EX. SIDEWALK
XTREES	92	CONTINUOUS	EX. TREES, VEGETATION
SEWER:			
XSAN	255	CONTINUOUS	EX. SANITARY LABELS, NOTES
XSANM	255	DASHEDX2	EX. SANITARY MAIN
XSANMH	255	DASHED2	EX. SANITARY MAINTENANCE HOLE
XSANS	255	XSANS	SANITARY SERVICE
XSTM	1	CONTINUOUS	EX. STORM LABELS, NOTES
XSTMM	1	CENTERX2	EX. STORM MAIN
XSTMMH	1	CENTER2	EX. STORM MAINTENANCE HOLE
XSTMCULV	1	DASHEDX2	EX. CULVERT
XSTMS	1	DASHEDX2	EX. STORM SERVICE, CB CONNECTION
WATER:			
XWATER	150	CONTINUOUS	EX. NOTES, VALVE, HYDRANT ETC.
XWATERM	150	WATERM	EX. WATER MAIN
XWATERP	150	DASHED	EX. WATER MAIN IN PROFILE
XWATERS	150	XWATERS	EX. WATER SERVICE
XWSPRINK	150	DASHED	EX. SPRINKLER SYSTEM
UTILITIES:			
u/b	211	XBELL	EX. UNDERGROUND BELL
ctv	55	XCTV	EX. UNDERGROUND CABLE TV
g	41	XGAS	EX. UNDERGROUND GAS
u/h	231	XHYDRO	EX. UNDERGROUND HYDRO
u/c	55	CENTERX2	EX. UNDERGROUND CONDUIT (TRAFFIC LIGHTS ETC.)
u/b	211	DASHEDX2	EX. ABOVEGROUND BELL
u/c	55	DASHEDX2	EX. ABOVEGROUND CABLE TV
u/g	41	DASHEDX2	EX. ABOVEGROUND GAS
u/h	231	DASHEDX2	EX. ABOVEGROUND HYDRO
POINTS:			
XPT	7	CONTINUOUS	EXISTING POINTS
XPT-BLDGS	7	CONTINUOUS	EX. POINTS @ BUILDINGS
XPT-CURB	7	CONTINUOUS	EX. POINTS @ BACK OF CURB
XPT-PAVEMT	7	CONTINUOUS	EX. POINTS @ EDGE OF PAVEMENT
XPT-SURV	7	CONTINUOUS	EX. POINTS @ SIB,S MONUMENTS, ETC.
XPT-SURVTEMP	7	CONTINUOUS	TEMPORARY SURVEY POINTS (NAILS, STAKES, ETC.)
EX. TEXT - DIMENSIONING AND LABELS			
XTEXT	7	CONTINUOUS	EX. TEXT, DIMENSION, LEADERS

STANDARD SHEET NAMES

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

NO.	REVISIONS	DATE	APPROVED
51M	PLAN OF SUBDIVISION	P	PROPOSAL OR CONSTRUCTION LAYOUT PLAN
51R	REFERENCE PLAN	PH	SUBDIVISION PHASING PLAN
A	ARCHITECTURAL PLAN	PM	PAVEMENT PAINT MARKING PLAN
DET	DETAIL PLAN	PP	PLAN AND/OR PROFILE
E	ELECTRICAL	QS	QUANTITIES SHEET
EAS	EASEMENT PLAN	R	REMOVAL PLAN
ESC	EROSION AND SEDIMENTATION CONTROL PLAN	S	STRUCTURAL PLAN
EX-SAN	EXTERNAL SANITARY PLAN	SA	SITE ALTERATION PLAN
EX-STM	EXTERNAL STORM PLAN	SAN	OVERALL SANITARY PLAN
FE	FENCING	SL	STREET LIGHTING PLAN
G	GENERAL SERVICING PLAN	SP	SITE PLAN
GN	GENERAL NOTES	STM	OVERALL STORM PLAN
GP	GRADING PLAN	SWM	STORM WATER MANAGEMENT
HOR	HORIZONTAL CONTROL PLAN	TC	TRAFFIC CALMING PLAN
L	PARKS & OPEN SPACE PLANTING, LANDSCAPING, STREETSCAPING PLAN	TI	TREE INVENTORY PLAN
LG	LOT GRADING PLAN	TITLE	TITLE PAGE
M	MECHANICAL PLAN	TP	TREE PRESERVATION PLAN
		SD	TRAFFIC SIGNALIZATION/CONTROL PLAN

LINETYPE

LINETYPE	NAME	PLLOTTER PEN ASSIGNMENTS (PLOT BLACK - USE 2009HPBLACK.CTB)
---	BORDER	
---	BORDERX2	
---	CENTER	
---	CENTERX2	
---	DASHDOT	
---	DASHED	
---	DASHEDX2	
---	DIVIDE	
---	DIVDEX2	
---	DOT	
---	HIDDEN	
---	HIDDEN2	
---	PHANTOM	
---	PHANTOMX2	
---	DITCH	
---	XDITCH	
---	LOT	
---	XSANS	
---	XWATERS	
---	XWATERM	
---	XBELL	
---	XCTV	
---	XFENCE	
---	XGAS	
---	XHYDRO	
---	PROPOSED SANITARY SERVICE WITH CLEAN OUT (0.15m PLINE)	
---	PROPOSED WATER SERVICE WITH CURB STOP (0.15m PLINE)	

GENERAL NOTES

BENCH MARKS

CITY OF BARRIE
APPROVED

DATE:

CAD STANDARDS

DIS BLOCKS, LAYERING, LINETYPES,
& STANDARD SHEET NAMES,



ENGINEERING DEPARTMENT

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