

PLANNING, DESIGN & DEVELOPMENT

Digital Submission Standards - Subdivision and Condominium

Introduction

The following information outlines the requirements of digital submissions for development applications. Each development application requires a draft plan, which evolves throughout the process. By following the instructions laid out in this document, it will allow for more effective customer service, and better integration of digital plans into the City of Brampton's Corporate GIS.

For each submission or modification of the Development Application (Draft Plan, Draft Approval and Registration etc.), the applicant is required to submit the following:

Each Submission must contain:

- One (1) digital CAD file of the plan must be submitted in **MicroStation DGN (2D) or AutoCAD DWG (2D)** format. No reference files are to be used.
- One (1) digital **PDF** of the plan in preferably 24" x 36" (Architectural D size) representing an exact copy of the paper submission must be provided.
- The digital drawing must be georeferenced. The standard coordinate system for the City is Universal Transverse Mercator (UTM) Zone 17 with the North American Datum 1983 (NAD83). The map units for all features in the file must be in metric, set to metres and un-scaled (1:1). A base seed file for a specific area is available upon request from Technical Services, Planning, Design and Development. The plan must be specifically formatted to be clear and legible in preferably 24" x 36" (Architectural D size) landscape print format. It should be proportionally scaled by the applicant to fit their plan.
- Applicable Layers/levels must be as set out in the Level Structure below, as provided within the base seed file. Weights and colours are at the discretion of the applicant.
- For any revisions arising out of the circulation and review process requiring the submission of revised drawings; a revised PDF and digital CAD version must also be submitted to Technical Services, Planning, Design and Development via email (gis.planning@brampton.ca) or on CD or DVD. Please include a contact name and a brief description of the contents including the city file name of your application.
- **Please note that for drawings submitted in MicroStation DGN (2D) or AutoCAD DWG (2D) format, georeferencing, level numbers and names must remain accurate and consistent, and continue throughout all stages of submission including the Draft Plan, Draft Approval, Registration.**
- *****Assumption of a Subdivision requires MicroStation DGN drawings*****

General Notes

- Use common line-types and fonts (TrueType Fonts). Colour palettes, font types, or reference files are to be submitted along with the digital drawings.
- Where applicable, all line work must be closed, creating polygons, meaning that all lines that meet must be snapped together.
- GIS_ANY_OTHER_FEATURE (ie. GIS_WOODLOT) naming convention must be used to identify any other significant features not identified within the Level Structure below, but included within the drawing submission.

Planning, Design & Development Level Structure

Level/Layer Name	Description	Element Type
GIS_BUILDING	Proposed building and/or structure envelope	Line or Polygon
GIS_CONTEXT	Surrounding context to subject land	Line
GIS_CURB	Proposed curb	Line
GIS_EDGE-WATER	Edge of water (pond/watercourse)	Line or Polygon
GIS_EX_BUILDING	Existing building and/or structure	Line or Polygon
GIS_EX_CURB	Existing curb	Line
GIS_EX_LOT_BLOCK	Existing lot and block line	Line
GIS_EX_STREET	Existing street (centreline) within or surrounding subject plan	Line
GIS_FIRE_ROUTE	Proposed fire route	Line
GIS_FLOODLINE	Flood line extent	Line
GIS_KEY_MAP	Key map showing location etc.	Line and Text
GIS_LEGAL_LINE	Any relevant background legal line, lot, concession, registered or reference plan, or easement line	Line
GIS_LOT_BLOCK	Proposed lot or block line	Line
GIS_OPEN_SPACE	Natural Heritage System, proposed open space or vista	Line
GIS_PARK	Proposed park	Line or Polygon
GIS_PARKING_LOT	Proposed parking lot	Line
GIS_PATHWAY	Proposed pathway or walkway	Line
GIS_PLANVIEW	Multistory building (design/floor plan)	Line
GIS_ROW	Proposed right-of-way parcel boundary line	Line
GIS_SIDEWALK	Proposed sidewalk	Line
GIS_STORMWATER_MGMT	Proposed storm water management pond or channel	Line or Polygon
GIS_STREET	Proposed street (centreline) in subject plan	Line
GIS_SUBDIVISION_PHASE	Subdivision phasing boundary - show all proposed phases of subdivision or plan	Line or Polygon

Level/Layer Name	Description	Element Type
GIS_SUBJECT_LAND	Legal property boundary of the subject plan	Line
GIS_TITLE_BLOCK	Title block line work (scale as needed)	Line
GIS_VALLEYLAND	Extent of valleyland	Line or Polygon
GIS_WETLAND	Locally and/or provincially significant wetland	Line or Polygon
GIS_WOODLAND	Woodland	Line or Polygon
GIS_TX_BUILDING	Proposed building and/or structure text	Text
GIS_TX_CONTEXT	Surrounding context to subject land text	Text
GIS_TX_CURB	Proposed curb text	Text
GIS_TX_EDGE-WATER	Edge of water (pond/watercourse) text	Text
GIS_TX_EX_BUILDING	Existing buildings text	Text
GIS_TX_EX_CURB	Existing curb text	Text
GIS_TX_EX_LOT_BLOCK	Existing lot and block text	Text
GIS_TX_EX_STREET	Existing street (centreline) labels within or surrounding subject plan	Text
GIS_TX_FIRE_ROUTE	Proposed fire route text	Text
GIS_TX_FLOODLINE	Flood line extent text	Text
GIS_TX_LEGAL_LINE	Any relevant background legal line, lot, concession, registered & reference plan, or easement text	Text
GIS_TX_LOT_BLOCK	Proposed lot or block text	Text
GIS_TX_LOT_DIMENSION	Lot dimensions, radii	Text
GIS_TX_OPEN_SPACE	Natural Heritage System, proposed open space or vista text	Text
GIS_TX_PARK	Proposed park text	Text
GIS_TX_PARKING_LOT	Proposed parking lot text	Text
GIS_TX_PATHWAY	Proposed pathway or walkway text	Text
GIS_TX_PLANVIEW	Multistory building (design/floor plan) text	Text
GIS_TX_ROW	Right-of-way parcel boundary line text	Text
GIS_TX_SIDEWALK	Proposed sidewalk text	Text
GIS_TX_STORMWATER_MGMT	Text for storm water management ponds, channels, structures, etc...	Text
GIS_TX_STREET	Proposed street (centreline) labels in subject plan	Text
GIS_TX_SUBDIVISION_PHASE	Subdivision phasing text	Text
GIS_TX_SUBJECT_LAND	Text related to legal property boundary of the subject plan (bearings, distances)	Text
GIS_TX_TITLE_BLOCK	Title block line text	Text
GIS_TX_VALLEYLAND	Valleyland text	Text
GIS_TX_WETLAND	Locally and/or provincially significant wetland text	Text

Level/Layer Name	Description	Element Type
GIS_TX_WOODLAND	Woodland text	Text