

PLAN DEVELOPMENT CHECKLIST

Title block

Correct scale with appropriate data as per CGS standards.

All attributes

Municipal Address range at bottom of title block

Year of construction notes when available

Property

Property has been reviewed. Considerations made to all M-plans, 53R-plans, Easements.

Every lot thoroughly checked for reserves, easement numbers, easement notes, utility easements, etc.

Added notes to Ref layer concerning any property issues & assumptions

Consider direction of stationing & property alignment. To be confirmed with Control Draftsperson if unclear.

Centreline labels, stationing

Preliminary detail

All detail as outlined in the Survey request

Buildings - Field notes dimensions, O.L.S. plans, Building control plot plans

Building Addresses

Queried any possible municipal consent documents

Old As built

Utilities

Road plan

C&G, Edge of Roadway, Blvds, Sidewalk

Notations, type & width

MR # of road if applicable

Road profile

Centreline road profile

Sanitary - Plan

Structures

Number, chainage & offset

Mains

Notation, length, size & flow direction

Services

Camera reports (Mains & services)

Referred to old As built for missing data

Sanitary - Profile

Structure number & elevations

Mains

Notation, length, size, type, class & grade

Road crossing pipe section at C/L

Notation, size, type, elevation

Basement floor elevation with house number (if needed)

Water (Plan)

Structures

Number, chainage (& offset if required)

Mains

Notation & size

Fittings

Notation, chainage (& offsets if required)

Service boxes

Referred to Old As builds for SB's (& connections) not found on survey

(Note source on Ref layer in plan view for designer)

Notation & tie - ins on building / property

Lining notes if applicable

Water (Profile)

Structure No. & Elevations

Mains

Notation, size, type & Class

Road crossing pipe section at C/L

Notation, size, type & invert

Top of WM elevations

Lining notes if applicable

Storm (Plan)

Structures

Number, chainage & offset

Mains

Notation, length & size

Storm leads

Notation, length, size, type, inverts & flow direction

Subdrains

Notation, length, size & type

Culverts (Roadway)

Notation, length, size, type & inverts

Culverts (Dwy) [Prelim. Dwg only]

Length, size, type, inverts

Storm (Profile)

Structure No. & Elevs

Mains

Notation, length, size, type, class & grade

Road crossing pipe / Culvert section at C/L

Notation, length, size, type, invert

Utilities (Plan)

Hydro structures

Notation

Hydro lines (U/G locations only)

Notation & size

Telephone structures

Notation

Telephone lines (U/G locations only)

Notation & size

Television structures

Notation

Television lines (U/G locations only)

Notation & size

Gas (Plan)

Structures

Notation

Gasmain

Notation, size & type

Traffic (Plan)

Structures

Notation

Lines

Notation, size, type

Rock probes

Plan if required

Profile

Layers

Follow CGS standard

Resources:

<https://www.greatersudbury.ca/do-business/engineering-standards/>

Engineering standards on the CGS website contains information on drafting standards, example drawings, surveying for contractors, templates, script files, etc.