
Digital Submission Standards For City Plats, Maps, and Plans

The following digital submission standards apply to final plats (including subdivision, boundary line adjustments, lot mergers, simple plats), annexation maps and utility plans.

Digital data submissions are for exclusive use in the City of Loveland's Geographic Information System (GIS) and development review process.

Digital data submissions not in conformance with these standards will be returned to the applicant for correction.

Digital data must be submitted by email to eplan-planning@cityofloveland.org with the submission of final documents.

General Requirements:

1. In the following format: AutoCAD Release 2015 DWG/DXF or newer.
2. Submitted CAD data shall be in the NAD 1983 HARN State Plane Colorado North FIPS 0501 (WKID 2876) coordinate system. Ground, modified, or project coordinates will not be accepted.
3. The only data that should be provided as part of these requirements are AutoCAD base maps (and if any provided through this submittal, custom details/standards).
4. Do not submit any cut sheets files or content with title blocks, heading data or callouts.

Infrastructure Data Requirements:

1. Provide a single file or a maximum of 3 separate files separated for utility, transportation, and stormwater with the defined layer naming convention below, in which all entities or drawing components of a similar type are grouped into distinct layers.
2. The following table contains layer names and descriptions that represent the general layering convention used by the City for infrastructure data:

<u>Layer Names</u>	<u>Description</u>
WATER-*	Water system
WASTEWATER-*	Wastewater system
ELECTRIC POWER-*	Powerline and equipment
STREET-*	Street infrastructure (public only)
TRAFFIC-*	Signage, striping, traffic signal and ITS (public only)
STORMWATER-*	Stormwater systems
ROW-*	Street rights-of-way
LOTLINE-*	Lot lines
EASEMENT-*	Easements

*Each layer name will be followed with a description of the type of entity found on that layer.

Plat/Map Requirements:

1. Provide a single file with the defined layer naming convention below, in which all entities or drawing components of a similar type are grouped into distinct layers. At a minimum, the components that must be grouped into distinct layers are the subdivision boundary, street centerlines, street rights-of-way, lot lines, and easements.
2. The following table contains layer names and descriptions that represent the layering convention used by the City for land parcel data:

<u>Layer Name</u>	<u>Description</u>
SUB-BOUNDARY-*	Boundary of subdivision
CENTERLINE-*	Centerline geometry of new streets
ROW-*	Street rights-of-way
LOTLINE-*	Lot lines
EASEMENT-*	Easements

*Each layer name will be followed with a description of the type of entity found on that layer.