



INFORMATION SYSTEMS DEPARTMENT

June 5, 2008

Requirements for Submittal of Digital Final Plat

Section 8301.04 of the Summit County Land Use and Development Code requires an applicant to submit a digital file of the approved final plat. This digital file will be used for updating and maintaining information in the County's Geographic Information System (GIS).

Acceptable Submittal Media and Data File Formats

- The digital file shall be submitted on CD or DVD
- The digital file shall be an Autodesk AutoCAD .dwg or .dxf file; or in a native ESRI ArcGIS format
- Acceptable file versions: AutoCAD 2000 or later ; ESRI shapefile or file geodatabase

Digital Linework Precision

Linework in the submitted file should be topologically clean. Lines must be geometrically continuous and boundaries must be geometrically closed with no "undershoots" or "dangles" where boundaries intersect. The digital version of the map must be of a high precision such that it can be easily converted to a GIS format.

Preferred Coordinate System

Drawings should be constructed in the Colorado State Plane Coordinate System in feet using North American Datum 1983 (NAD83) whenever possible. Coordinate values should be described for the controlling monuments that are used for the basis of bearings required by section 8701 D of the Summit County Land use and Development Code.

File Content Requirements

The digital file submitted to satisfy the requirement of Section 8301.04 must include the following features of the final plat, and must be prepared using the layer definitions prescribed in the following table.

<i>Plat Feature</i>	<i>Preferred Layer Name</i>	<i>Feature Type</i>	<i>Description</i>
Subdivision / Filing Boundary	SUBDIV	Continuous Polyline	Exterior boundary of the subdivision
Right-of-Way line	ROW	Continuous Polyline	Platted road right-of-way (public and private) within the subdivision (if applicable)
Right-of-Way Text	ROWANNO	Text Annotation	Existing and newly platted street names
Block Boundary	BLOCK	Continuous Polyline	Platted blocks within the subdivision (if applicable)
Building Outlines	BLDG	Continuous Polyline	Required for condominium, townhome and duplex subdivision (if applicable)
Block Text	BLOCKANNO	Text Annotation	Block or building numbers contained within the closed block boundaries or building outlines for ease of association (if applicable)
Lot or Parcel lines	PARCEL	Continuous Polyline	Remaining lines that form lots when combined with subdivision and ROW lines

Lot Text	PARCELANNO	Text Annotation	Lot numbers or other designations,
Survey Control	SURVEYCONT	Point	Monuments marking the subdivision boundary and other control used in surveying the boundary
Survey Text	SURVEYANNO	Text Annotation	Boundary and lot bearings, distances, curve data , monument and other control point descriptions and ties
Easements	EAS	Continuous Polyline	All easements either created by or depicted on the plat
Easement Text	EASANNO	Tex Annotation	Text describing easement purpose, width and other notes, i.e. previous recording information
Wetland Delineations	WETLAND	Continuous Polyline	All delineated wetlands that affect development within the subdivision (if applicable)
Miscellaneous Text	MISCANNO	Text Annotation	Additional text or annotation that is required to describe features depicted on the plat, including wetlands