

CHAPTER 10

REVIEW CHECK LISTS AND ELECTRONIC FILE FORMAT

10.8 Electronic File Requirements for Record or As-Built Drawings

The GIS Department of the City of Lawrenceville requires that all record or as-built drawings be submitted in the following electronic file format: DXF (drawing exchange format).

The drawing coordinate system shall be:

1. Projection coordinate system: NAD 1983 State plane Georgia West FIPS 1002 Feet
2. Geographic coordinate system: GCS North American 1983
3. Survey coordinate system shall be based on the City of Lawrenceville Monuments system.

The drawing layer system shall be based as follows:

**Table 10.8-1
Layer Name Requirements**

Layer name	Layer description
Property_Line	The property line, right-of-way, and easement
Existing_Topography	The existing topography of the site prior to any grading, all lines showing proper elevations
Existing_Building	The footprint location of any existing structures located on the site (regardless whether they are to be demolished or will remain)
Existing_Water_Utility	The location, size and type of water lines existing at the site
Existing_Electrical_Utility	The location of poles, telephone, and power lines existing at the site
Existing_Sewer_Utility	The location and information on the down stream manhole, up stream manhole, and sewer line type and size
Existing_Storm_Sewer	The location and information on the down stream manhole, up stream manhole, and pipe types and sizes
Proposed_Grading	The proposed site grading with all lines showing the proposed elevations
Proposed_Building	The footprint of the proposed building located on the site with the proposed finished floor elevation
Proposed_Water_Utility	The location, size and type of water lines proposed at the site
Proposed_Electrical_Utility	The location of poles, telephone, and power lines that are proposed or to be relocated at the site.
Proposed_Road	The location and information on any proposed roads
Proposed_Driveway	The location and information on any proposed driveway and parking lots

Proposed_Sidewalk	The location and information on the proposed sidewalks and handicap ramps
Proposed_Sewer_Utility	The location and information on the proposed sanitary sewer piping and manholes
Proposed_Storm_Sewer	The location and information on the proposed storm water piping systems.

These layer names shall be used, if additional layers are needed they shall be named and a description shall be provided. The file must be in .TXT file format (Text).

END OF SECTION 10.8