

## **City of Lawrenceville – GIS Department** **Electronic File Requirements for Record or As-Built Drawings**

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

**.DWG or other formats are not acceptable! File MUST be .DXF 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*

The drawing's layer names shall be as specified in the following list of layer names and descriptions.

<b>Layer Name</b>	<b>Layer Description</b>
PROP-LINE	The property line, right-of-way, easement
EX-BUILDING	The footprint location of any existing structures located on the site (regardless of whether they are to be demolished or will remain)
EX-DETENTION	Existing detention ponds
EX-ELECTRIC-PRI	Location of telephone and power lines existing at the site
EX-ELECTRIC-SEC	Location of any existing primary electricity transmission lines
EX-ELECTRIC-TRANS	Location of any existing transformers
EX-ELECTRIC-POLE	Location of any existing utility poles
EX-GAS-LINE	Location, type and size of any existing natural gas lines
EX-GAS-VALVE	Location of any existing natural gas valves
EX-GAS-METER	Location of any existing natural gas meters
EX-PARKING	Location of any existing parking on the property. This should include striping
EX-SANITARY-SEWER	Location and info on the downstream manhole, upstream manhole and sewer line type and size
EX-SIDEWALKS	Location of any existing sidewalks
EX-STORM-SEWER	Location and information of the downstream manhole, upstream manhole, and pipe types and sizes
EX-STREETS-CENTER	The centerlines of any existing streets within the site w/ street names
EX-STREETS-CURB	The curb lines of any existing street within the site
EX-TOPO	Topography of the site prior to any grading, all lines showing proper elevations.
EX-WATER-LINE	Location, size and type of water lines existing at the site
EX-WATER-VALVE	Location of existing water valves
EX-WATER-HYDRANT	Location of existing fire hydrants

AB-BUILDING	Footprint of the building(s) located on the site with the finished floor elevation – to include awnings, out-buildings, etc.
AB-DETENTION	Detention ponds
AB-ELECTRIC-PRI	Location of primary electricity transmission lines
AB-ELECTRIC-SEC	Location of secondary electricity transmission lines
AB-ELECTRIC-TRANS	Location of all electric transformers on the property
AB-ELECTRIC-POLE	Location of all utility poles on the property
AB-GAS-LINE	Location, type and size of natural gas lines
AB-GAS-VALVE	Location of any natural gas valves
AB-GAS-METER	Location of any gas meters
AB-PARKING	Location of parking including parking lot striping
AB-SANITARY-SEWER	Location and information on the sanitary sewer piping and manhole tops and inverts
AB-SIDEWALKS	Location of sidewalks
AB-STORM-SEWER	Location and information on the storm water piping and manhole tops and inverts
AB-STREETS-CENTER	Street centerlines of any new streets added to the development
AB-STREETS-CURB	Street curb lines of any new streets added to the development
AB-TOPO	The actual site grading with all lines showing the final elevations
AB-WATER-LINE	Location, size and type of water lines at the site
AB-WATER-VALVE	Location of water valves
AB-WATER-HYDRANT	Location of fire hydrants

These exact layer names shall be used. If additional layers are needed, they shall be named and a description shall be provided. This description must be included on the media with the drawing and must be in .TXT ( ASCII Text) format.

Layer names beginning with EX define conditions **as they existed PRIOR to beginning of construction.**

Layer names beginning with AB reflect the **site condition at the conclusion of the project.**