

ST. JOHNS COUNTY UTILITY DEPARTMENT
3G - CLOSEOUT - ELECTRONIC DRAWING FILE STANDARDS

All as-built drawings submitted to the St. Johns County Utility Department shall be accompanied by an electronic copy on an FTP site or a USB drive. The electronic files must meet the following requirements:

File Format

The acceptable file formats are as follows:

CAD drawings	DWG (AutoCAD drawing file)
	PDF
GIS layers.....	ArcGIS Shape files
	ArcGIS File Geodatabase

Coordinate System

All Plan drawings and GIS layer files must be submitted in the following projected coordinate system:

State Plane Feet
NAD 83
Florida East Zone (901)

Layering Format

All Utility features on Plan drawings must be separated from other drawing features and placed on individual layers as follows:

- Watermains
- Water service laterals
- Water point features (fire hydrants, meters, valves, fittings, etc.)
- Water text (size and material labels, dimensions, notes, etc.)
- Water as-built markups
- Reuse mains
- Reuse service laterals
- Reuse point features (meters, valves, fittings, etc.)
- Reuse text (size and material labels, dimensions, notes, etc.)
- Reuse as-built markups
- Sewer pressure mains
- Sewer gravity mains
- Sewer service laterals
- Sewer point features (lift stations, manholes, valves, fittings, etc.)
- Sewer text (size and material labels, dimensions, notes, etc.)
- Sewer as-built markups

Specific layer names are not required, but a list of layer names for the feature/entity layers listed above must be included with the submittal.

A completed Electronic Data Submittal form must accompany all drawing files submitted.

**ST. JOHNS COUNTY UTILITY DEPARTMENT
3G - CLOSEOUT - ELECTRONIC AS-BUILT SUBMITTAL**

Include a completed copy of this form with ALL electronic files submitted.

Company Name: _____

Project: _____

File Name(s): _____

Contact Person:

Name: _____ Phone: _____

Title: _____ Email: _____

Format: _____ DWG (AutoCAD drawing file) Version: _____

_____ SHP (ESRI shape file)
Include all files (.shp, .shx, .dbf, etc.)

Layer Identification for Plan drawing sheets:

<u>Layer Name</u>	<u>Utility features/entities</u>
_____	Water mains
_____	Water service laterals
_____	Water point features (fire hydrants, meters, valves, fittings, etc.)
_____	Water text (size and material labels, dimensions, notes, etc.)
_____	Water as-built markups
_____	Reuse mains
_____	Reuse service laterals
_____	Reuse point features (meters, valves, fittings, etc.)
_____	Reuse text (size and material labels, dimensions, notes, etc.)
_____	Reuse as-built markups
_____	Sewer pressure mains
_____	Sewer gravity mains
_____	Sewer service laterals
_____	Sewer point features (lift stations, manholes, valves, fittings, etc.)
_____	Sewer text (size and material labels, dimensions, notes, etc.)
_____	Sewer as-built markups

For questions regarding this request, please contact the assigned SJCUD Inspector.