



ST. JOHNS COUNTY UTILITY DEPARTMENT ELECTRONIC DRAWING FILE STANDARDS

All As-Built drawings submitted to the St. Johns County Utility Department shall be accompanied by an electronic copy on CD, FTP, USB drive. The electronic files must meet the following requirements:

File Format

The acceptable file formats are as follows:

CAD drawingsDWG (AutoCAD drawing file)
PDF

GIS layersArcGIS 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:

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

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
ELECTRONIC DRAWING FILE
SUBMITTAL FORM

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 (ArcView 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 technical questions regarding this request please contact:

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St. Johns County Utility Dept.
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