



ST. JOHNS COUNTY SURVEYING & MAPPING DIVISION

4020 Lewis Speedway
St. Augustine, Florida 32084

M E M O R A N D U M

TO: Professional Surveyors and Mappers
FROM: Gail Oliver, P.S.M., County Surveyor
SUBJECT: Plat Submittal Requirements for GIS
DATE: October 28, 2002

The following requirements for plat submittals has recently been incorporated into the St. Johns County Land Development Code:

State Plane Coordinate Data Requirements

State Plane Coordinates (North American Datum 1983/90) in U.S. survey feet shall be stated on the final plat mylars submitted for recording. State Plane Coordinates for at least two boundary corners of the proposed plat must be shown. These coordinates shall be derived from field measurements in conformity with F.S. Chapter 472 and F.A.C. Rule 61G17-6.0051(2) which references 61G17-6.003(1). Further sub-sections in 61G17-6.003 which apply are (1)(a),(b), and (e). Survey accurate coordinate data is required premised upon the intended use (i.e. resource grade data is not acceptable.)

Following is an example of how the coordinate notation may appear on the plat:

EXAMPLE OF COORDINATE NOTATION

The intended use of these coordinates is for GIS base mapping purposes. The geodetic control relied upon for these values was _____.
(This could be the St. Johns County Three Mile Control Network, Published USGS Control Points, Department of Natural Resources Coastal Construction Control Monuments ("A" Monuments), etc.)

Coordinates are based on North American Datum 1983/90 – State Plane Coordinates – Florida East Zone – U.S. Feet

Point	Northing	Easting	Description
1	2050869.7598	503655.7447	PRM – NE Corner Lot 1
2	2051624.3055	505445.9412	PRM – NW Corner Lot 52

Note:

- 1. The point number would be noted graphically on the plat next to the PRM.*
- 2. Please use your professional judgment on the coordinate notation, this example is for reference only.*

Digital Plat Submittal

Please submit one digital copy of each plat in “dwg” format on CD or via email to survey@co.st-johns.fl.us

The data that should be included on the digital submittal is boundary lines, lot lines, and road centerline on a layer named “plat” and lot numbers and road names on a layer named “plat_text”. The jurisdictional line data should also be included on a layer named “wetlands.” There should not be other data or layers in the file that are frozen, turned off, or locked.

The St. Johns County GIS Division will be responsible for any rotation and/or translation, so it is not necessary to translate or rotate to any particular coordinate system or bearing structure. The GIS Division will base the rotation and/or translation on the coordinate data submitted.

Along with the digital submittal please include a certification that the digital line work included is an exact replica of the line work shown on the blue-line copies submitted. This certification is a serious matter and the certifications should not be taken lightly. Serious professional judgment should be applied by the “Licensed Professional Surveyor and Mapper” when he or she is making this certification.