

GENERAL INFORMATION REQUIREMENTS

1. All As-Built Record drawings shall meet the minimum requirements of the Chapter AJ-17, Florida Administration Code Pursuant to section 472 of the Florida Statutes.
2. All state plane coordinates shall be based on the Florida State Plane Horizontal data (East Zone); or Florida High Precision Geodetic Network (superstation) and NAD 83/1999 - final adjustment, or the most current datum adopted by Indian River County.
3. All elevations shown shall be based on 1988 NAVD.
4. All As-Built Record drawings shall be tied to a minimum of one (1) permanent reference monument (P.R.M.) at the end of each project. One P.R.M. shall be tied to a minimum of one (1) section corner or one-quarter (1/4) section corner whichever is closest to the project. State plane coordinates shall be physically shown on the drawing next to the P.R.M. used.
5. Horizontal Control Monumentation for utility lines shall be a minimum of two (2) points at a maximum of 1,400 feet between points and shown on all plans.
6. Vertical Control (when required) for linear utility lines, such as sewer, shall have a maximum of 1,100 feet between existing construction or established benchmarks.
7. All surveys that are required for the use of engineering design, and are located within a distance of one (1) mile from any Indian River County Global Positioning System (G.P.S.) control project monuments, shall be tied into the GPS monument from one (1) permanent reference point or the subdivision corner that is along the survey route and shall then be tied to the survey base line.
8. All incoming As-Built Record drawings (24"x36") shall state in 1" lettering "AS-BUILT" and the datum used in 1" lettering in the lower right hand side of the drawing original and/or copies along with as-built date. All incoming As-Built Record drawings shall be received on a CD, as an electronic copy, AutoCad 2012 format, or latest version, with a tie to a minimum of two (2) state plane coordinates. (NOTE: Prior to submitting the electronic copy, one (1) copy of each as-built shall be submitted for review and approval. After all approvals, a (24"x36") Mylar reproducible along with **five (5)** signed and sealed copies of each as-built shall be submitted. All As-Built Record drawings shall be in a minimum scale of 1"=40'
9. A minimum text size of 1/8" is required on all construction/route survey and as-built record drawings.
10. All As-Built Record drawings shall be certified by the project engineer or contracting surveyor.
11. All As-Built Record drawings shall clearly depict as-built utility lines that were constructed along with their respective easement (if required). As-Built Record drawings will not be accepted unless the verbiage "PROPOSED" and/or "TO BE CONSTRUCTED" have been revised to read "AS-BUILT". As-Built Record drawings with "TO BE CONSTRUCTED" terminology will not be accepted.
12. All as-built utility construction located within the rights-of-way, easements and alike shall be tied to the respective rights-of-way, easement, etc. every 1,000 feet and change of direction.
13. All As-Built Record drawings shall be complete and approved before commencement of field test.
14. Baseline of construction and station of items to be located on the center of the roadway. Baseline stationing shall be every 100', control points set at every 500' and at angle change of direction.
15. All As-Built utility lines shall be shown with a wider, solid line.
16. Top of pipe elevations & stationing to be typed, listed, sealed & submitted by the engineer for locating the air release valves as construction proceeds.
17. Shown with a thin dashed line, top elevations of As-Built utility lines and existing utility lines shall be shown for all utility crossings.

-ART-

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITIES SERVICES



AS-BUILT RECORD
DRAWINGS

DRAWING
NO.
M-15

MARCH 2014