



CITY OF SUFFOLK

DEPARTMENT OF PUBLIC WORKS / ENGINEERING DIVISION

440 MARKET STREET SUFFOLK, VIRGINIA 23434 PHONE (757) 514-7725 FAX (757)514-7727

As-Built Information Required

Please ensure that all relevant information listed below is placed on the drawing prior to submitting it for review. In addition the submitted plan shall be a replica of the original approved plan with the 'field' or as-built condition shown next to the information contained on the approved plan.

As-Built Drawings Public Improvements

Submittal:

- 2 paper copies of the as-built drawing for the first submittal review.
- After paper copy is approved:
 - 1 blue line copy
 - 1 mylar copy
 - 1 digital copy: This copy shall be provided on CD in AutoCad Version 14 or Microstation SE or higher version.
- Please add "as-built survey" to the title to clearly distinguish it from the approved plan.
- Each set of drawings shall be recertified by the applicant's engineer indicating the date when the as-built survey was conducted.
- Each drawing shall include manholes / or other control points located in accordance with the City of Suffolk Global Positioning System (GPS) Geodetic Survey Network and tied to NAD 83, Virginia State Plane Coordinate System. Drawings shall indicate location of structures in correct coordinate space having bearings and distances with at least two coordinates tied to the City of Suffolk's geodetic control network.

Storm Sewer System:

- As-built drawing shall show all the elements of the storm drain system constructed to serve the subdivision, or commercial property in the case of newly installed infrastructure in a public right of way, this shall include but is not limited to:
 - Constructed vertical elevation, horizontal location and size of all storm sewers, manholes, junction boxes and other appurtenances or elements of the storm drain system that has been constructed.

Storm Water Detention Basins

- The accuracy of BMP elevations and contours shall be +/- .1 foot vertical and +/- 1 foot horizontal.
- The survey shall include location and elevation for the following but is not limited to:
 - Indication of the top of bank,
 - Bottom of Bank,
 - Edge of water
 - Bottom of Pond
 - All pipes (inflow and outflow) and invert elevations of those pipes
 - Indication of all storm water control structures if applicable
 - Indication of all easements associated with the facility
 - Setback distances to property lines and / or right of way lines.
 - Indication of all safety benches

Streets

- The accuracy of curb / curb and gutter shall be +/- .01' vertical and +/- 1' horizontal.
 - The survey shall indicate all high points, low points and curb returns.
- The road surface shall have elevations indicated for all high points and low points on both sides of the street and an elevation at the street centerline, additionally there shall be one elevation on both sides of the street and at the street centerline, centered between all high and low points.
- Any sidewalk indicated shall depict the width of the sidewalk its vertical elevation and the existence of all handicap ramps. The elevation point's locations shall mirror the elevation locations indicated for the road surface portion of the as-built as applicable.