

AS-BUILT DRAWING REQUIREMENTS

As-built drawings of all infrastructure improvements shall be furnished to the City within 30 days after the City's acceptance of the improvements. The following items shall be included on all as-built plans and must be certified (bear the signature and seal) by the engineer of record as being correct and complete prior to final field inspection for approval of performance guarantee release:

Sanitary and Storm Sewer Improvements: The following must be provided in state plane coordinates (GPS'd). All:

- Manholes, inlets and catch basins (rim and invert elevations) for all structures
- Pipes must include lineal footage (from center of manhole), diameter of pipe, material type and corrected slope.
- Sewer services with, pipe diameter and pipe material including all non-connected sewer stubs with the depth of the stub also identified.
- All force mains must include lineal footage, pipe diameter, pipe material, discharge elevations and foreman routing.

Water Distribution Improvements: The following must be provided in state plane coordinates (GPS'd). All:

- Valve vaults and valve boxes on main lines As-built elevations must be provided
- Pipes must be identified by pipe diameter and material type.
- Water services must be identified by pipe diameter and pipe material.
- Provide a benchmark if established benchmark is not within 1000' of development. Acceptable benchmark locations are on northerly most upper flange bolt of a fire hydrant, or by setting a spike in a power pole.

Grading/Stormwater Management Facility Improvements: When applicable, the following must be provided in state plane coordinates (GPS'd) and backup calculations provided

- Detention pond location, required volume and volume provided.
- As-built side slopes of detention area
- Normal and high water marks
- Certify installation and size of restrictor or outlet system
- Release rates
- Overflow routes
- Drainage swale high and low grades
- Location and dimensions of any trench drains or dry wells, if applicable

Other:

- Wells, well houses and lift stations must be identified on a "Plat of Survey".
- All recorded easements shall be shown and copies of all recorded easements shall be submitted.

Submittal Requirements

- Developer must submit one (1) paper and electronic copies for review and verification of as-built information before final copies are submitted.
- Final As-built plans to be submitted in electronic pdf format compatible with the City's current specifications, as well as in (.dgn) or (.dwg) format showing all information listed above. Plans are to be drawn to scale in State Plane coordinates (IL-East). These files are to be submitted via CD, USB flash drive, or ftp site.