

VILLAGE OF CAROL STREAM

AS-BUILT DRAWING REQUIREMENTS

As-built drawings of all development improvements shall be furnished and approved by the Village of Carol Stream Engineering Services Department prior to acceptance of the improvements or project completion. The following items shall be included on all As-built plans and must be provided in state plane coordinates (GPS'd) and be certified (bear the signature and seal) by the engineer of record as being correct and complete prior to final field inspection and release of any development securities:

Sanitary and Storm Sewer Improvements:

- Manholes, inlets and catch basins (location, rim and invert elevations and diameter) 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 force main routing

Water Distribution Improvements:

- Valve vaults, valve boxes and fire hydrants (location, elevation and vault diameter must be provided)
- Pipes must include lineal footage, diameter of pipe and material type
- Water services must be identified by pipe diameter and pipe material, location of both main point and b-box
- 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: (with 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
- As-Built restrictor structure construction detail(s)
- Release rates
- Overflow routes including cross-sections and elevations where applicable
- Critical road pavement, curb, sidewalk, or berm elevations which were designed to control overland drainage
- Drainage swale high and low grades
- Location and dimensions of any trench drains or dry wells, if applicable
- Additional As-built spot elevations as required to show adequate drainage patterns

Other:

- Wells, well houses and lift stations must be identified
- All recorded easements shall be shown and copies of all recorded easements shall be submitted
- As-built floor elevations of all buildings on the site
- Location of all public streetlights and wiring
- Date(s) that As-built field survey(s) were completed
- Inventory of Public Improvements to be dedicated to the Village

Submittal Requirements:

- The As-Built plan shall include all civil plan pages that were part of the final approved development plan. The cover page and all As-built pages shall be clearly marked "As-built".
- Developer must submit an electronic pdf format for review and verification of As-built information before Final As-builts are submitted. These files are to be submitted via email (if less than 20MB), USB flash drive, or file share site compatible with the Village's current specifications.
- Submission of the Final As-built plans must include an electronic pdf format compatible with the Village's current specifications, and electronic file(s) 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 email (if less than 20MB), USB flash drive, or file share site compatible with the Village's current specifications.