As-Built Drawings & Civil Engineer's Certification

INFORMATION/INSTRUCTION SHEET

Prior to acceptance of the project, the following items are required to be submitted to the Engineering Division:

- As-Built Drawings of the site in the following formats:
  - One (1) electronic copy in .DWG Autocad 2000 or newer format
  - One (1) electronic copy in .PDF format

- Completed *"As-Built Drawing and Construction Certification"* form signed by the civil engineer of record (EOR) or Professional Land Surveyor (PLS) certifying that the project has been completed in substantial accordance with the accepted plans.

The following information, at a minimum, shall be verified on the as-built drawings, and supplemental documents if needed:

General:

- The as-built drawings are to be based on the accepted construction drawings revised to reflect any changes made during construction.
- The plans must be clearly labeled as "As-Built" drawings.
  - Note "AS-BUILT" in large bold letters on every sheet. This must be part of the CAD file.
- No handwritten information, certification language stamps, stickers, or copies will be accepted.
- All surveyed dimensions and elevations shall be georeferenced in NAD83 State Plane Coordinates in Feet and vertical in NAVD88 datum.
  - Plans that were accepted in datum or NGVD29 datum may submit As-Builts in NGVD29 datum.
- The plans shall include the location and elevation of benchmarks and other control points.
- All as-built drawing sheets must be signed, sealed and dated by the Engineer of Record (EOR) or Professional Land Surveyor (PLS).
- All right-of-way's or easement lines shall be shown and clearly labeled.
- Special detail drawings may be required where installations were not as shown on accepted plans due to field conditions or where required for clarity.
- Plans shall include the location, material and height and any other observable information of all retaining walls.
- Plans shall identification of abandoned pipes or structures that have been removed or grouted.
- Plans shall include Provide as-built utility crossings information.

Sanitary Sewer and Storm water:

- All piping including size, length, type and material
- Rim elevation of inlets, catch basins, manholes, control structures, headwalls and other special structures

- Invert elevation of all pipes within inlets, catch basins, manholes, end sections, culverts and other special structures
- Linear distance along storm sewer from structure to structure
- Recalculated pipe slopes based on invert-to-invert elevations along the linear distance between structures
- Topographical survey of the storm water management area containing sufficient spot elevations and grading contour lines to show that the storm water management facilities have been constructed in compliance with the accepted construction plans

Drinking Water and Irrigation:

- Location of all valves, fittings, hydrants, blow-offs and observable appurtenances
- All piping including size, length, type and material
- Rim elevation of valves and vaults
- As-built all meter sizes and locations

Vertical Improvements:

- Finish Floor Elevations and elevation datum
- Locate and describe all building improvements constructed per the approved plans. Provide horizontal ties to building corners
- Horizontal Improvements/Parking Layout:
- Identify all surface parking areas and provide description as to surface material and pavement section.
- Locate and describe all installed regulatory or warning signage and pavement markings within the project. Any deviations from the accepted construction plans shall be noted.
- Locate all sidewalks and pedestrian access features. Provide material type and width.
    - Post construction field survey is only required where construction varies from accepted construction plans.

As-Built Drawings and Construction Certification

Project Name _____ Date: _____

To Whom It May Concern:

I am the engineer/surveyor in charge of producing the as-built drawings for the above referenced project. I hereby certify that these as-built drawings incorporate the on-site observation of constructed improvements (scheduled and conducted by the professional engineer of record or a by a project representative under direct supervision) and review of contractor provided markup drawings, with field measurements and verification as needed. Under my supervision, all dimensions and elevations on the As-Built drawings are shown and labeled accurately based upon the post construction survey which was completed by *(Name of Licensed Surveyor)* who is a registered Surveyor in the State of Utah License # _____.

Based on these observations of the construction and on my reviews of the construction information, I hereby certify that the project has been completed in substantial accordance with the City accepted construction plans and specifications for this project.

In recognition of the above, I affix my seal beside my signature at the bottom of this letter. This letter neither warrants nor implies warranty of the contractor's materials or workmanship.

Sincerely,

(Name of Engineer, P.E.)

This letter must be sealed, signed and dated.