

Final Corrected Plans: The plan set which is certified to contain a true and accurate representation of the actual field conditions for the project during construction, or upon completion of construction. Also known as "As-Built Drawings".

## As-Built Drawing

1. All pages of As-Built Drawings must display:
  - a. "AS BUILT"
  - b. Surveyor's Name, Address, Phone and Signed Stamp
2. Display All Changes to the Approved On-Site and Off-Site Construction Plans, including but not limited to:
  - a. Roadway Alignment, both horizontal and vertical; and
  - b. All Storm Water Infrastructure
3. Make sure changes are reflected on both the plan and profile sheets.
4. Using the Approved Construction Plans as background STRIKEOUT and BOLD ALL CHANGES. With Storm Water Infrastructure show:
  - a. NEW placements of Pipes, CB's, MH's, Vaults, Etc., in BOLD
  - b. NEW text in BOLD next to old struck-out text
    - i. Pipes should display: Length(ft), Size(in), Material & Slope (%)
    - ii. CB and MH should display: type, Diameter(in), Rim Elevation, Bottom Elevation, Invert Elevations(s).
5. As-Built Plan Set shall include:
  - a. Plan Sheet(s)
  - b. Profile Sheet(s), MH's, Vaults, Etc., in BOLD
  - c. Detail Sheet(s) including:
    - i. All Notes and Requirements
    - ii. Detail of Each Control Structure (Manhole, Vault, Etc.)
    - iii. Any Special information or Changes to Original Plans
6. Submit Two (2) paper sets of As-Built to the Public Works Inspector for review and, upon approval, provide the City with two (2) paper sets of As-Built, one (1) Set in pdf format, and one in Auto CAD format.
7. The monument case will be installed after the final course of surfacing has been placed on the road. Show new monuments including Northing and Easting and NAD 1983/91.At
8. Show location of all utilities (water, sewer, power and others). Provide sewer, water and other utilities drawings.

## GIS Requirements for Electronic Submittals

1. Electronic submittals are required for the following:
  - a. Lot Line Adjustment
  - b. Short Plat
  - c. Subdivision
  - d. Binding Site Plan
  - e. Capital Improvement Project
  - f. Utility Improvements
2. File version requirements:
  - a. AutoDesk AutoCAD v2005 or Greater up to v2007 (DWG only)
  - b. ESRI Geodatabase (MDB/GDB)
  - c. Adobe PDF (supplemental – does not substitute for CAD drawings)
3. Horizontally referenced to NAD 83 HARN GCS 4602 – State Plane North in Survey Feet
4. Vertically referenced to NAVD 1988
5. Drafting Guidelines
  - a. All lines should be snapped and closed
  - b. Drawings shall be purged of empty, unused, or non-essential drawing data
  - c. All drawings should be in full scale format (1ft = 1ft)
  - d. Attributes should be defined on Layer 0(zero)
6. Layering Designations in CAD Files should be separated and delineated under these main categories as applicable for importing into our GIS.
  - i) **Cadastral – (Due at Preliminary & Final Land Use)** For information please contact Fernando M Llamas at [FernandoL@burienwa.gov](mailto:FernandoL@burienwa.gov)
    - a. Right of Way Lines
    - b. Right of Way Center Lines
    - c. Existing Lot Lines
    - d. Potential Lot Lines
    - e. Existing Easement Lines
    - f. Potential Easement Lines
    - g. Northing and Easting of NEW and EXISTING monuments
  - ii) **Base – (Due at Preliminary & Final Land Use)** For information please contact Fernando M Llamas at [FernandoL@burienwa.gov](mailto:FernandoL@burienwa.gov)
    - a. Existing Building Outlines
    - b. Pavement/Sidewalk Edges
    - c. Driveways – Single/Joint Use
    - d. Driveway Cuts
    - e. Waterway Outlines – Ponds, Rivers, Lakes

## DEVELOPMENT AS-BUILT DRAWING REQUIREMENTS OR CORRECTED PLANS



iii) **Utility – (Due at As-Built and/or Final Land Use)** For information please contact

Heungkook Lim at [HeungkookL@burienwa.gov](mailto:HeungkookL@burienwa.gov)

- a. Water Quality or Control Structures with type, rim elevation, invert elevation of the pipes, grate type and catchment material
- b. Catchments with type, rim elevation, invert elevation of the pipes, grate type and catchment material
- c. Pipes, ditches, culverts, watercourses or any other line feature with flow direction (N, S, E, W, NE, NW, SE, SW), size(diameter), length, material, slope if applicable
- d. Outlines of any water areas such as ponds, streams/rivers, lakes – man-made or natural
- e. Other drainage system features (if any) such as detention vaults, dispersion areas, infiltration areas, swales, filters, dry wells, bioswales, etc.
- f. Location of down spouts & yard drains with their lateral tie-ins