

## 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
  - g. Surveys
  - h. Major Private/Public Projects
  - i. Single Family Residential (requiring full or targeted drainage review only)
  
2. File version requirements:
  - a. Adobe PDF  
**AND**
  - b. AutoDesk AutoCAD v2005 or Greater up to v2007 (DWG only)  
**OR**  
ESRI Geodatabase (MDB/GDB)

*\*\*2.b. isn't required for Single Family Residential (requiring full or targeted drainage review only)*
  
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. This is **required and supplementary** to the raw electronic as-built data files needed to draft the mylars/paper copies.
  - i) **Cadastral – (Due at Preliminary & Final)** 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/New Lot Lines
    - e. Existing Easement Lines
    - f. Potential/New Easement Lines
    - g. Northing and Easting of NEW and EXISTING monuments



- ii) **Base – (Due at Preliminary & Final)** For information please contact Fernando M Llamas at [FernandoL@burienwa.gov](mailto:FernandoL@burienwa.gov)
  - a. Existing/Proposed Building Footprints
  - b. Pavement Edges
  - c. Driveways – Single/Joint Use
  - d. Driveway Cuts
  - e. Waterway Centerlines – Stream, Rivers
  - f. Waterway Outlines /OHWM – Ponds, Rivers, Lakes, Wetlands
- iii) **Stormwater Utility – (Due at Design and As-Built)** For information please contact [Stormwater@burienwa.gov](mailto:Stormwater@burienwa.gov)
  - a. Water Quality or Control Structures with type, rim elevation, invert elevation of the pipes, grate type and applicable construction material
  - d. Catchments with type, rim elevation, Invert elevation of the pipes, grate type and applicable construction material
  - e. Pipes, ditches, culverts, watercourses or any other line feature with flow direction (N,S, E, W, NE, NW, SE, SW), size(diameter), length, material, and slope
  - f. Outlines of any water areas such as ponds, streams/rivers, lakes – man-made or natural
  - g. Other drainage system features (if any) such as detention vaults, dispersion areas, infiltration areas, swales, filters, dry wells, bioswales, etc.
  - h. Location of down spouts & yard drains with their lateral tie-ins and flow direction (N,S, E, W, NE, NW, SE, SW), size(diameter), length, material, and slope
- iv) **Street Utility– (Due at Design and As-Built)** For information please contact Fernando M Llamas at [FernandoL@burienwa.gov](mailto:FernandoL@burienwa.gov)
  - a. Curb/Gutter/Sidewalk delineations - lengths, widths, and construction material
  - b. Locations of new/existing street features or appliances including, but not limited to:
    - a. Luminaires
    - b. Utility Poles
    - c. Trees
    - d. Planters
  - c. Locations of new/existing traffic control devices including, but not limited to:
    - a. Traffic Signs - MUTCD type, sign material type, pole type
    - b. Pavement Markings
    - c. Traffic Signal Systems
      - i. Signal – type
      - ii. Control box – type
      - iii. Conduits – type, material
    - d. Roadside and/or Median Barriers
    - e. Handrails
    - f. Guardrails
    - g. Fences

\*Data submitted to us will not be distributed

\*\* Requirements may change without notice

