

# City of Hendersonville As-Built Requirements

Updated 2020

Upon completion of a project, and before a certificate of occupancy shall be granted, the applicant shall certify that the completed project is in accordance with the approved stormwater management plans and designs, and shall submit actual "as -built" plans for all stormwater management facilities or practices after final construction is completed. CAD files of the as-built shall also be provided, if available. GIS files, in shapefile format, shall be provided for all new stormwater infrastructure and structures. Including but not limited to: inlets, manholes, pipes, stormwater control measures, and junction boxes.

The plans shall show the following:

- Location Map
- North Arrow
- PIN #
- Scale
- Property Lines
- Easements/ Right-of-Way
- Owner/ Developer Name & Address
- Surveyor Name & Address
- Adjacent Property Owners
- Geologic Features (rock outcrops, seeps, springs, sinkholes, trees, wetlands, streams, lakes, ponds, dams, stream buffers, etc.)
- Existing Utilities (Type, Elevations, Connections, Etc.)
- Building Locations & Elevations
- Roadway Locations & Elevations
- Final design specifications for all stormwater management facilities and practices.
- Field location, size, depth and planted vegetation for all stormwater measures, controls, and devices as installed.
- Details of any outlet structures or underground stormwater devices. Details should include configurations, elevations, and dimensions for all orifices, weirs, or pipes.
- Locations and elevations of all pipe inlets and outlets.
- Location and specifications of any inlet/outlet protection devices such as energy dissipation measures i.e riprap.
- GIS shapefiles for all new stormwater infrastructure and control measures
- Location of all inspection ports and system access points.
- Topography of the site at 1 or 2 ft intervals.
- Pipe Table and Structure Table
- Calculation of total Impervious area in square feet
- A certification, under seal, by the designer of the stormwater management measures that the as-built stormwater measures, controls, and devices are in compliance with the approved stormwater management plans and designs.

A final inspection and approval by the Stormwater Administrator or his/her designee shall occur before the release of any performance securities.