Charlotte Storm Water Services
Individual Residential Lot Drainage Review: TIER 1 projects

***Note**: For lots that are part of a recently approved Subdivision Plan (with no change to the approved grading and drainage plan from the approved subdivision plan) please list the approved subdivision plan or plat record ID # from Accela, and upload a copy of the plot plan for the individual lot. No fee required for this type of submittal.*

STW Review Tier 1: Projects on individual lots that are demonstrated to have no impact to storm drainage system or easements – Review fee required: $40. A Plot Plan is required to be uploaded to Accela that includes the following information –

- North Arrow
- Drawn to scale, including scale bar
- Lot Address
- Parcel Identification Number (PIN #)
- Reference to the recorded Map Book and Page number of the plat showing the lot
- Lot area (Acres)
- Length of lot lines (Feet)
- Show and label adjacent existing Street Right-of-Way (R/W)
- Existing Built-Upon-Area (BUA), (sq. feet) – i.e. impervious area
- Total proposed BUA shown clearly and labeled (sq. feet)
- List maximum BUA permitted on lot if located in Watershed Overlay per UDO Article 23
- Label existing and proposed driveway location and width and other areas used by vehicles
- Show and label existing and/or proposed fencing
- Show and label existing and/or proposed retaining wall(s) and include wall height
- Provide clearly labeled dimensions between:
    - Proposed buildings/additions and property lines
    - Proposed buildings and other buildings
    - Ground mounted HVAC/utility equipment and property lines
    - Fences, retaining walls, or screening walls and property lines
- If grading changes are proposed on the lot, show existing and proposed spot elevations and/or contours in intervals of two feet or less. (GIS contours OK for ex. terrain https://explore.charlottenc.gov)
- Show location of existing storm water conveyance systems to be protected and not disturbed (swales, etc.)
- Existing easements (water/sewer, storm drainage, tree save, etc.) shown and labeled
- Streams and Stream Buffers (SWIM, PCSO) shown and dimensioned