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Greenville County Underground Detention Policy

Underground detention systems are not applicable for single and multi-family developments that are sub-divided and/or have multiple owners. This is due to significant maintenance requirements and possible insufficiencies of funding for required maintenance in single and multi-family communities. The County does not maintain or fund privately owned stormwater features.

Underground detention systems may be applicable for industrial, institutional, or commercial developments (including residential communities such as apartment complexes or rental homes) that are not sub-divided and have only one owner in charge of maintenance.

See below the sequence which is required for installation of underground detention systems (phase sequence and verification).

1. Contact the construction inspector so they can be present during the time of installation or communicate how verification will happen.
2. Take photos of underground detention as it is being installed, including all photos listed on Underground Detention Certification Form.
3. Perform an As-built Survey of underground detention as it is being installed, including the following:
 - Survey of corners of and center of the BMP (minimum 5 locations) in excavated trench after fabric is installed and before the bottom layer of stone is placed
 - Survey of corners and center of the BMP (minimum 5 locations) on top of the bottom layer of stone once placed
 - Survey of corners and center of the BMP (minimum 5 locations) on top of the chambers before the top layer of stone is placed
 - Survey of corners and center of the BMP (minimum 5 locations) on top of the top layer of stone once placed
 - Provide invoice showing number of chambers, end caps, and other underground structure components delivered to the site, including make and model numbers.
 - As-built survey of outlet structure
4. Prior to permanently covering the underground detention system with dirt or pavement, contact the construction inspector so they can be present or communicate how final approval will happen.
5. If post-construction water quality features (such as an MTD, isolator row, or other components targeting water quality) are included within underground detention, then the requirements may differ.