



Drainage Design & Criteria Information Requirements:

- Pre-Development Drainage Area Map
- Pre-Development Peak Runoff Rate Calculations
 - 2-year Storm Event
 - 10-year Storm Event
 - 25-year Storm Event
 - 100-year Storm Event
- Post-Development Drainage Area Map
- Post-Development Peak Runoff Rate Calculations
 - 2-year Storm Event
 - 10-year Storm Event
 - 25-year Storm Event
 - 100-year Storm Event

If Post-Development Peak Runoff Rate exceeds Pre-Development Peak Runoff Rate, then Engineer must provide:

- Certification - "THE ENGINEER CERTIFIES THAT THE INCREASE IN PEAK RUNOFF RATE AS A RESULT OF THE PROPOSED DEVELOPMENT DOES NOT CAUSE AN INCREASE IN INUNDATION OF ANY BUILDING OR ROADWAY."
Or
- Detention Pond Design that shows
 - Location of Detention Volume
 - Size of Detention Volume
 - Outflow Hydraulic Structure
 - Calculations to show how Detention Pond Design reduces post-development peak runoff rate to pre-development conditions for 2-year, 10-year, 25-year, and 100-year storm events.

Provide the following certifications on the Drainage Plan Sheet or Cover Sheet:

- THE ENGINEER CERTIFIES THAT THE DESIGN OF THE STORM DRAINAGE FACILITIES COMPLIES WITH THE CITY OF GAINESVILLE DRAINAGE CRITERIA AND DESIGN MANUAL.
- ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF GAINESVILLE MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.