Please refer to Codified Ordinance Chapter 1367 for complete requirements.

Your submitted storm water quantity management plan has been reviewed and is lacking the following information:

- Developer’s name, address, phone number, fax number and email.
- Engineer’s name, address, phone number, fax number, email, original signature, seal & date
- Pre-developed drainage area map
  - North arrow, legend, scale bar
  - Contours – 1’ interval on site, 2’ interval offsite
  - Existing conditions (buildings, parking, etc.)
  - Existing drainage areas, including any offsite drainage onto the property.
- Total area of the site
- Total percent of the site impervious (existing)
- SCS Curve Number calculation or Rational Method runoff coefficient calculation
- Time of Concentration calculation including location of the flow path and description of the type of flow
- Soil Data (based on SCS soil maps)

- Developed drainage area map
  - North arrow, legend, scale bar
  - Contours – 1’ interval on site, 2’ interval offsite
  - Proposed conditions (buildings, parking, utilities, detention, swppp (if required) etc.)
  - Total percent of the site impervious (proposed)
  - Disturbed area
  - SCS Curve Number calculation or Rational Method runoff coefficient calculation
  - Proposed Drainage areas, including any offsite drainage onto the property.

- Site Plan
  - Plan and profile of utilities and storm water quantity management practices
  - Details of storm water quantity management practices
  - Location and details of outlet structure
  - Location and details of emergency spillway
  - Water elevation for 100 year storm shown in profile
  - Easements indicated and labeled.
  - Parking lots not used for storm water storage

- Narrative
  - Summary describing the methods used to design the storm water quantity management devices
  - Summary of the results of the design of the storm water quantity management devices
  - Huff-Angel Rainfall used
  - Drainage area characteristics (area, curve number, time of concentration)
  - Critical Storm Calculations
  - Storm water quantity management device characteristics
    - Storage Volume
    - Top elevation of the structures
    - Control structures
      - Size
      - Type
      - Elevation
    - Summary Table for each storm (1, 2, 5, 10, 25, 50, 100 year)
    - Storm Frequency
Predeveloped Flow
Allowable proposed Outflow
Water elevation in storm water quantity management device
Total Flow out of Site

- Emergency Spillway a minimum of 1’ above the Principal Spillway
- Minimum of 1’ of freeboard between the normal water elevation of 100 year storm and the top of the storm water quantity management device.

- Emergency Flow way shown on the plans
- Emergency Spillway designed to pass the 100 year undetained flow
- TR-55 calculations
- Hydrographs and Basin Routings (computer program results)

- Plans submitted on CD in pdf or tif format with required paper copies
- Other

DIRECT ANY QUESTIONS TO:
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