



## 2012 RESIDENTIAL PERMIT APPLICATION REQUIREMENTS

### Chapter 102 Stormwater Standards –

- (a) The site plan shall incorporate a survey done to the standards set forth in Chapter 74 of this code. The Site Plan shall at minimum contain:
- (1) the information included on the survey;
    - (i) the method and placement of project access route – how and where the site will be entered
  - (2) types of proposed impervious areas and depictions of such impervious areas; including structures and paving;
  - (3) site coverage calculations with run-off co-efficient(s) for all paving or hardscaping, location and cross section of proposed swales or detention/retention area(s), and;
  - (4) direction of stormwater sheet flow across the property.
  - (5) for construction excavation and ground de-watering; show the location of discharge and the method of siltation/sedimentation control
  - (6) best management practices plan for stormwater and sediment control during the project; this includes, but is not limited to:
    - (i) a washed shell soil tracking prevention device across the City Right-of-Way;
    - (ii) silt fencing around the perimeter of the property and/or stored material;
    - (iii) turbidity control features in canals
    - (iv) location of groundwater discharge and filtration methods to be used to control siltation
  - (2) New development shall retain the runoff from all storms up to and including the 5-year 24-hour rainfall event of seven (7) inches. The Rational Method formula shall be used for such calculations. All new structures shall be equipped with Rain Gutters that direct the discharge to a detention/retention area or cistern. Recovery time for the subject storm event shall be designed to occur within 24 to 72 hours. The system shall not be designed to allow runoff from the subject property to be directed onto adjacent properties or rights-of-way. Construction shall be consistent with Chapter 82 Flood protection standards and the Florida Building Code as to fill and grades. All building sites shall be graded in such a manner as to provide runoff rates, volumes and pollutant loads not exceeding predevelopment conditions. New development shall include swales or detention/retention areas along front, side or rear lot lines and shall incorporate steps to control erosion and sedimentation.
  - (3) All Stormwater management site plans shall bear the seal of a Florida licensed Engineer. Upon completion of any development project the applicant shall furnish the city with a certificate of compliance stating that the project has been constructed and conforms to the approved stormwater management system plans and this chapter before a Certificate of Occupancy or Completion is issued.
  - (4) While development activity is underway and after it is completed, the characteristics of stormwater runoff shall approximate the rate, volume, quality and timing of that which occurred under the site's natural unimproved or existing state. Development shall treat the first one inch of rainfall or handle the first one-half inch of runoff in an off-line retention system or according to other best management practices as approved by the South West Florida Water Management District (SWFWMD) or the Florida Department of Environmental Protection as applicable.

**Please note: pool permits will not be issued without a pre-permit site visit from the Public Works Director**