SUBMITTAL REQUIREMENTS
FOR COMPLIANCE WITH
STORMWATER ORDINANCE 07-11807
5Nov07

Subject: For the development of platted properties in the City of Naples, the following stormwater information shall be submitted as part of building and/or site development permitting:

PROPERTY INFORMATION:

1. Property survey (purpose: confirm location, existing conditions/improvements, corner monuments, easements, flood zone, FIRM, etc.)
2. Boundary & ROW survey (purpose: confirm adjacent properties, ROW information, etc.)
3. Topographic information (purpose: confirm land contours for site, adjacent properties, ROW and downstream drainage flow/outfall).
4. Site plan of proposed building improvements with directional allocation of roof runoff.
5. Soil survey information to confirm water table and previous nature of soil layers.

DRAINAGE CONVEYANCE INFORMATION:

6. Drainage conveyance routing sketch showing site runoff directions and runoff percentages.
7. Drainage conveyance capacity analysis calculations based on the developed site using the 25-Year/1-Day storm event (8.5 inches over 24-hours [hydrograph mass distribution to be provided for the peak in terms of discharge rate and elapsed time]).
8. Drainage calculations on total rainfall-runoff (purpose: determine capacity of conveyance system to handle total runoff)
9. Drainage calculations for maximum staged elevation, and design containment system for this elevation.

DRAINAGE STORAGE/WATER QUALITY INFORMATION:

10. Site drawing of the planned project confirming the pervious and impervious areas and the relative imperviousness for type detention and/or retention systems (purpose: identify the type of water quality treatment and applicable BMP)
11. Stormwater storage calculations for initial runoff and for selected BMP (1/2 inch, 1¼ inch or other over the entire site).
12. Stormwater storage capacity calculation for stormwater system (purpose: confirm design meets City code)
DESIGN REVIEW CRITERIA:

13. Effective December 17, 2007, all plans submitted to the City shall be reviewed for compliance with Stormwater Ordinance 07-11807. A maximum of two-weeks shall be allocated the review period.
14. Design criteria for review are as set-forth in the SFWMD, FDEP, FDOT and City of Naples standards.
15. Examples of typical standards are outlined as follows:
   a) Minimum subsurface pipe size: 8”
   b) Minimum yard slope: 2%
   c) Maximum yard slope: 8% unless stabilized
   d) Minimum pipe slope: Not applicable pending BMP
   e) Drainage materials: reference City standards
   f) Underdrain design: reference City standard
   g) ROW Swale design: reference City standard
   h) Gutter Size: minimum commercial width of 7” on all roof lines within 10 feet of property lines.

INSPECTION & CERTIFICATION

16. All connections to the City stormwater system shall be subject of inspection by the City.
17. All stormwater system components shall be inspected by the City prior to landscaping and irrigation installation.
18. Critical site work to include size, cross-section and elevation shall be confirmed both by on-site inspection/certification and submittal of record drawings at the completion of work. Final approvals and/or issuance of certificates of occupancy by the City shall not be processed until this verification is provided and confirmed.