ENGINEERING PLAN SUBMITTAL REQUIREMENTS

City of Sanford

All Engineering Plans and required supplementary material shall cover the entire parcel covered by a Site Plan that is either proposed or approved in accordance with Section 3.10. A copy of the approved site plan shall be incorporated into the Engineering Plan. All Engineering Plans shall contain at least the following data and information:

A. **General Relationship of Engineering Plan Requirements to Site Plan Requirements**. In general, Engineering Plans shall include, but not be limited to, all required information items set forth in Section 3.11, provided, however, that all such information, data, analysis and supplementary materials shall be provided in final engineering and construction form for purposes of Engineering Plans rather than in preliminary or conceptual form as provided for Site Plans. Additional and more detailed engineering plan required information is set forth in subsections 3.12 B and C.

B. **Engineering Plan Sheet Data, Size and Scale**. Engineering Plans shall be drawn at a scale of one inch to 50 feet or larger. The maximum sheet size for Engineering Plans is 24 inches by 36 inches. All site plans shall be folded to nine inches (9”) by twelve inches (12”). Multiple sheets may be used provided each sheet is numbered and the total number of sheets is indicated on each sheet. Cross referencing between sheets shall be required. Necessary notes and symbol legends shall be included. Abbreviations should be avoided, but, if used, they shall be defined in the notes.

1. The identification "Engineering Plan", the date, scale, revision date (if any), development name, and other such information shall be shown in a convenient grouping in the lower right hand corner of every sheet, preferably in a conventional title block.

2. Each copy of an Engineering Plan required to be submitted to the Administrative Official shall bear the original signature and seal of the engineer licensed as a professional engineer by the State of Florida and authorized by the applicant who shall also certify that the drawing was prepared at his instruction and that the information shown is correct.

C. **Engineering Plan Required Information**.

1. **Final Soils Report**. Indicate results of borings for building locations and method of foundation construction/footer design in relationship to soil conditions as recommended by a geotechnical engineer.

2. **Final Drainage Plan**. Include topographic elevations at one foot contours (mean sea level datum required) for site and at least fifty feet (50’) beyond the site, final calculations for stormwater retention and construction drawings of all related improvements.

3. **Fire Protection**. Indicate hydrant location and type of internal fire protection systems to serve buildings.

4. **Civil Engineering Construction Drawings**. Provide civil engineering construction drawings of all infrastructure, utilities and site improvements including technical specifications and geometry.

5. **Landscape Plan and Tree Protection**. Identify material specifications, planting/removal/relocation instructions and irrigation system location and specifications.

6. **Ownership and Maintenance**. A detailed statement of method of assuring the perpetual ownership and maintenance of permanent open space, recreational facilities or other common purposes shall, if appropriate, include covenants, agreements or other specific documents approved by the Administrative Official.