



# City of Port St. Lucie Engineering Department



## Inspections

Prior to commencing construction or obtaining a development permit, perimeter sediment and erosion control measures must be installed and inspected by the Engineering Department. *Call the Engineering Department (772/871-5177) if there are any questions or to schedule inspections.* In addition to the following typical inspections, the inspectors will make unscheduled site visits to determine how the work is proceeding.

### **Minimum 24-hour Notification Required:**

**Swale and Culvert(s) Stakeout and Design:** *There is a long waiting period for these inspections due to the high demand.* The City Survey Crew will stake the horizontal and vertical location of the swales and culverts within the City right-of-way. In addition, the Engineering Department will determine and provide the required RCP culvert size(s)

**Swale and Culvert(s) Final:** Absolutely no tolerance is allowed for culverts that are set too high. A one-inch tolerance is allowed for inverts that are set too low. The culvert is to be free and clear of debris. The swale and right-of-way shall be clear of debris, swale liner installed (where appropriate), ground stabilized, sodded and graded to promote proper drainage. Restoration of adjacent properties and swales, including the lot(s) directly across the street, is also required. Grading and location of the swale shall be in accordance with the stake out by the City Surveyors. *If these inspections fail, a reinspect fee may be imposed. Once paid, there is a 24-hour delay prior to rescheduling.*

***The Engineer of Record or representative thereof is required on site during the following inspections:***

### **Minimum 24-hour Notification Required:**

**Drainage:** Inspector will observe the pipe and pipe joints, prior to the pipe being covered with the fabric, rock or backfill. The City Inspector will also observe backfill operations.

**Concrete:** City Inspector will observe the overall condition of the forms for concrete work outside the limits of the building including slabs, sidewalks, pavement, curb and gutter. The City Inspector may also observe the pouring.

**Pavement Subgrade:** The City Inspector will verify the compaction by visual inspection. The City Inspector may require the Contractor to string the subgrade.

**Pavement Base:** The City Inspector will verify the compaction by visual inspection. The City Inspector may require the Contractor to string the base rock.

**Asphalt:** The City Inspector will observe installation procedures.

**Final:** The site work will be inspected for overall condition and conformance to the construction plans: retention/detention areas, control structures, drainage structures, pavement surface, pavement markings, signage, sidewalks, site grading and other such features shown on the plans. The site shall be clear of debris, stockpiled materials, and equipment.

**\*Beginning October 1, 2008: If any site inspections fail, a reinspect fee may be imposed. Once paid, there is a 24-hour delay prior to rescheduling.\***

*October 1, 2008*

*City of Port St. Lucie Engineering Department  
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