

Information Sheet for “Site Plan Review” element
Drainage Design and Erosion / Sediment Control Plan
November 20, 2015

- I.** Prepare a narrative statement describing the Drainage Design and land-disturbing activity to be anticipated. It is required that all soil and other construction materials remain on site at all times other than soil that leaves the site in a properly covered truck for disposal. No soil material is to be tracked onto adjacent property or roads and any that is tracked onto roads will be required to be cleaned up before the end of the day. Discuss adjacent land areas and roads and how these will be protected. Describe any serious areas of anticipated erosion problems. Discuss the dates of anticipated construction relative to the rainy season and hurricane season of the year between June 1 and November 1. Discuss how all equipment will enter and leave the site relative to silt fence location and other erosion protection means and daily clean-up requirements.
- II.** Prepare a separate plan sheet (do not include landscape or other building construction details), signed and sealed by an engineer licensed in Florida, totally dedicated to drainage design and erosion control issues during construction for the project. On this plan, show as a minimum the following: Contours on a 0.5 foot interval of the site before construction starts and final contours, indicate the direction of runoff (before and after construction) by arrows, show silt fence locations, show critical areas near the property being developed including adjacent FDOT catch basins, Intercoastal Waterway, Beach, Gulf Blvd., and the means of connecting to the Town MS4 system, retention ponds, including overflow discharges in storms that exceed the 1" year storm event, limits of clearing, and show a list of "Best Management Practices" (BMP) and details of each BMP to be used during the project construction. Show locations where fuels, oil, fertilizers, portable toilets, and similar items will be stored on the site. When obtaining the "Building Permit", list near the plan title block the name of the person or persons (including subcontractors) who will be responsible for the erosion control and show their phone numbers and E-mail address and other contact information on the "Drainage Design and Erosion / Sediment Control Plan" sheet(s).
- III.** Specifications in the form of notes and plan details shall be shown on the "Drainage Design and Erosion / Sediment Control Plan" drawing adequate to convey to site workers the requirements of drainage and erosion control for the construction project. Describe the requirements for maintenance of erosion control measures during the construction project and specify special steps during critical parts of the construction. Describe the order of site construction for underground drainage systems, retention swales, and silt fence relative to building and other site construction.
- IV.** Show calculations used to size the drainage system and erosion control measures including the storage of the first 1" of rainfall, retention system volumes, pipe sizes, catch basin size, flows expected for various storm events, and other information on this drawing to show to the Town of Indian Shores that proper consideration has been given to manage the site for drainage and erosion control during and after construction.
- V.** Submit the required information on one or more drawing sheets along with other required plans to the Building Official of the Town of Indian Shores as part of the "Site Plan Review" process. Failure to submit the information described above will result in the rejection of all plans.