



## Residential Class II Permit Application

*This application is required in conjunction with a building permit application for single-family and two-family residential dwellings or additions thereto and/or accessory structures greater than or equal to 250 square feet.*

### Property Information

Address:

Tax Parcel Number:

Zoning Classification:  Parcel Size:

### Class II Information

Size of Proposed Improvements (square feet):

Amount of Stormwater Retention Required (square feet):

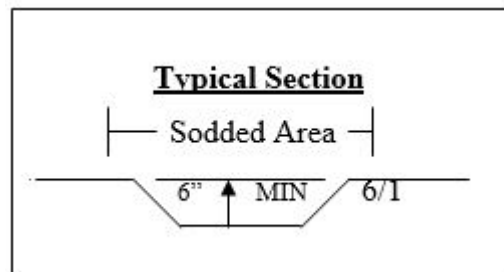
Amount of Native Vegetation Required (square feet):

Property cleared prior to 1987: Yes ☐ No ☐ If yes, applicant must provide documentation.

### Required Submission Documents

- Boundary survey, no more than 5 years old, signed and sealed by a Florida licensed surveyor. The survey must include dimensions of parcel, all existing structures, location of existing roads, platted rights-of-way, easements, water bodies, watercourses, wetlands, wetland buffers, street names, and property address.
- Documentation proving that the property was cleared prior to 1987 (if marked "yes" above).
- Stormwater plan depicting the retention of the first ½-inch of runoff retained on the lot, to surveyor's scale, showing required square-footage of each type of retention, proposed location(s) of retention, directional flow of stormwater (the use of arrows is sufficient), and location of downspouts and guttering.
  - The total square-footage area for stormwater retention areas is calculated as total lot square-footage divided by 12. For example, if the lot is 5,000 square feet, required retention is 417 square feet ( $5000/12 = 417$ ).
  - All stormwater must be located within the property boundaries, must be directed to retention area(s) and the proposed plan must be functional.
  - No stormwater runoff may be directed into rights-of-way, bodies of water, or wetlands.
  - Side slopes must be 6:1 slope (or flatter) and stabilized. Stabilization includes: Sod, groundcover vegetation, and filtered fabric/cloth with rock.
  - Required depth of retention areas must be a minimum of six (6) inches.
  - In lieu of providing retention area swales, the applicant may berm the entire property. This berm must be six (6) inches high, stabilized and may not be within any easements.
- Septic tank and drain field must be located on the site plan at least 15 feet from any proposed retention area and as far removed as possible from the shoreline of any surface water.

- A detailed planting plan according to the Volusia County Habitat Planting Guidelines, including the location and square-footage of all existing native vegetation areas to remain, planting bed sizes, species, quantity and specific location of proposed plants.
  - The total square-footage area for native vegetation is calculated as total lot square-footage multiplied by 35-percent. For example, if the lot is 5,000 square feet, the required native vegetation area is 1,750 square feet ( $5000 \times .35 = 1,750$ ).
  - Septic tank and drain field areas may not be used toward the native vegetation requirement.
  - Retention areas may be used toward the native vegetation requirement if the depth of the retention area, after planting, is a minimum of six (6) inches.
  - Required wetland buffers may be used toward the native vegetation requirement.
  - Small stepping stone or mulch pathways are permitted through native vegetation area(s).
- Review Fee(s)



*Please see example of a completed stormwater retention and native vegetation plan on the next page.*

***By signing below, you acknowledge the requirement for the complete application submission and that you have the authority of allow, and hereby agree to allow, County personnel to enter upon this property to inspect development permitted from this application. Failure to receive an issued permit prior to work commencing on-site will result in a Stop Work Order and late fee.***

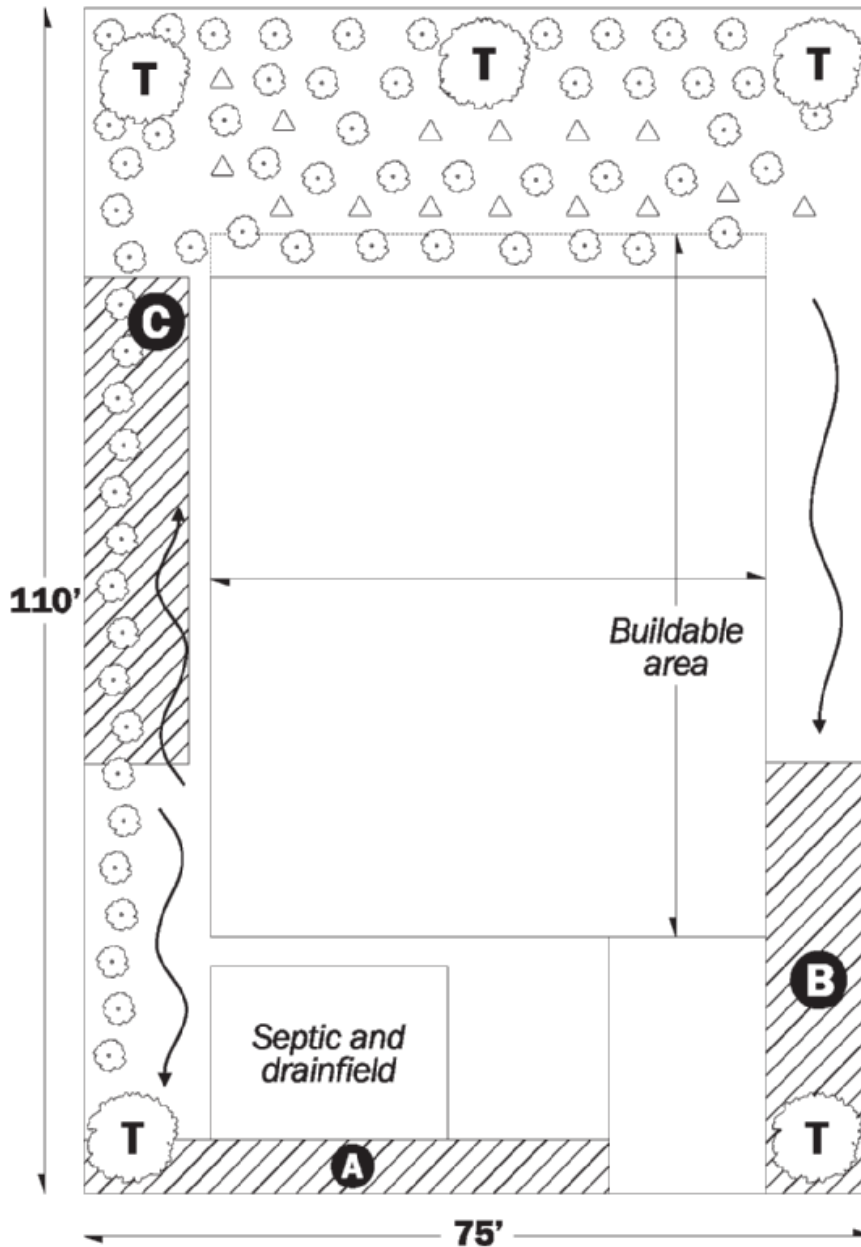
**Applicant Signature:**

**Date:**



Environmental Management

# Example of Storm Water/ Native Vegetation Retention Plan



## If waterfront:

- a) There is a minimum of a 25' wetland buffer
- b) No stormwater retention is allowed in the wetland buffer
- c) Vegetation cannot be removed from the buffer

## KEY

The specific species and quantity of plantings must be provided

**T** = Trees

**S** = Shrubs

**G** = Groundcover

~ = Flow of H<sub>2</sub>O

= Stormwater Retention

## Info:

\* Sod is only allowed after the 35% native vegetation requirement is satisfied.

NOT TO SCALE

Stm/Ret. Req. = 688  $\phi$   
Veg. Ret. Req. = 2,888  $\phi$

**A** = 5' x 50' = 250  $\phi$

**C** = 10' x 45' = 450  $\phi$

**B** = 10' x 40' = 400  $\phi$

1,100  $\phi$  total proposed  
stormwater retention