

Putnam County Residential Bulkhead/Retaining Walls/Sea Walls Handout

Pre-Planning

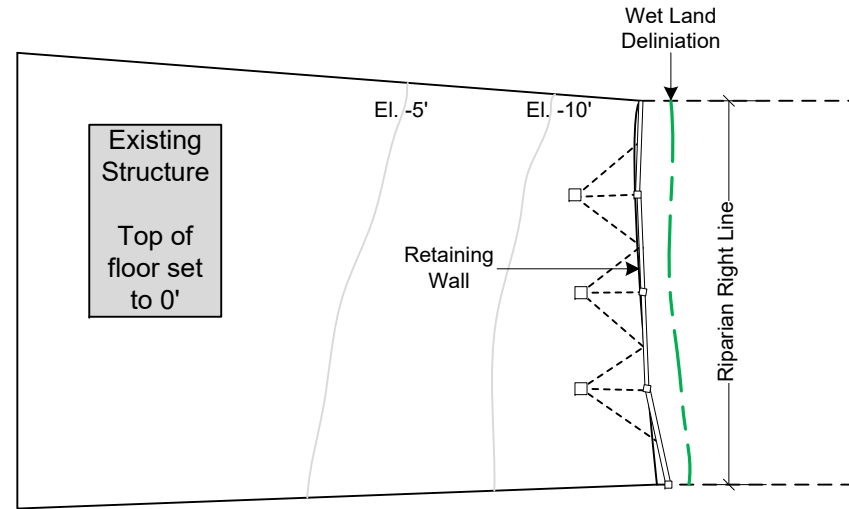
Residential bulkheads, retaining walls, or sea walls must meet the following conditions:

1. Shall not violate existing water quality standards
2. Shall not impede navigation
3. Shall not create or add to flooding
4. Shall not exceed 150' in length
5. Shall not be placed on Sovereign State Land (Land below the low water line.)
6. Shall not place backfill on designated wet lands.

Planning Support Documents

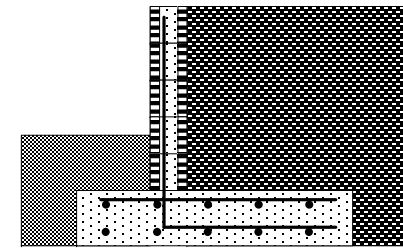
1. Site plan depicting the following:
 - a. Zoning approval required, (call (386) 329-0316 for additional information)
 - b. General arrangement and size of structure
 - i. Specific dimensions of structure
 - ii. Height of unbalanced fill
 - iii. Specify location of added fill
 - c. Location on property
 - d. Set back from real property lines and other structures
 - e. For walls located on water
 - i. Construction shown to be located within apparent riparian lines
 - ii. Length of shoreline
 - iii. Contour line of shoreline
 - iv. Width of water body perpendicular to construction
 - f. Elevation Details Depicting The Following:
 - i. Bottom contours of waterway (If applicable)
 - ii. Cross sectional view
 - iii. Height of unbalanced fill
2. Structural plans including but not limited to:
 - a. Pole, post piling or column size and spacing
 - b. Species and grade of lumber
 - c. Detail of beams, bracing, and connectivity
 - d. Location and construction of bracing
 - e. Detail of tie back construction
 - f. Detail of relief drainage
 - g. Stair/ramp construction if applicable
 - h. Product approval work sheet

Example Site Plan

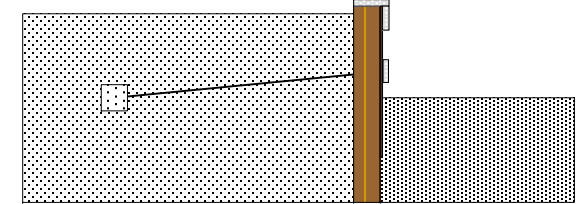


General Examples Retaining Wall Types

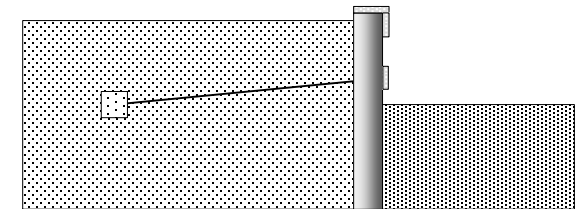
Masonry Retaining Wall



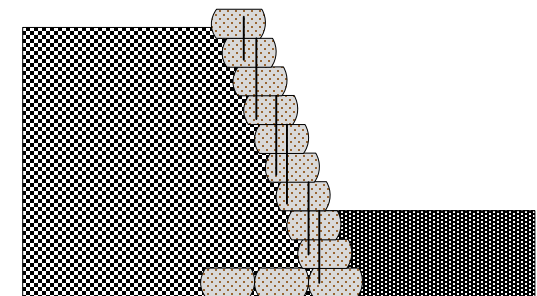
Wood Retaining Wall



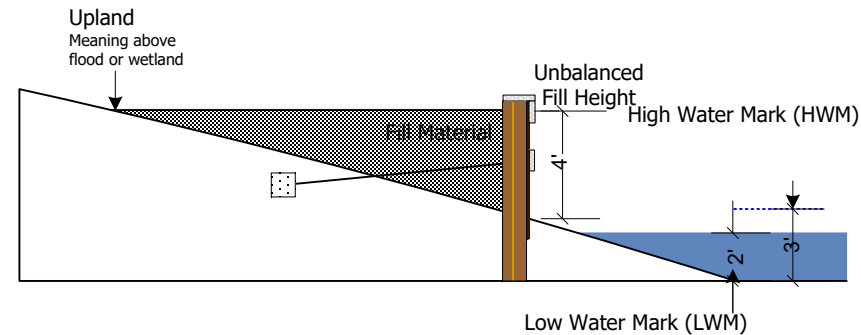
Vinyle Retaining Wall



Bagged Concrete Wall



Example Retaining Wall Cross Section



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Not to scale