

# Shoreline Erosion Control Techniques 101 Part 2

2010 Wisconsin Lake Convention

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# Talking Points

Techniques

Possibilities

Materials Discussion

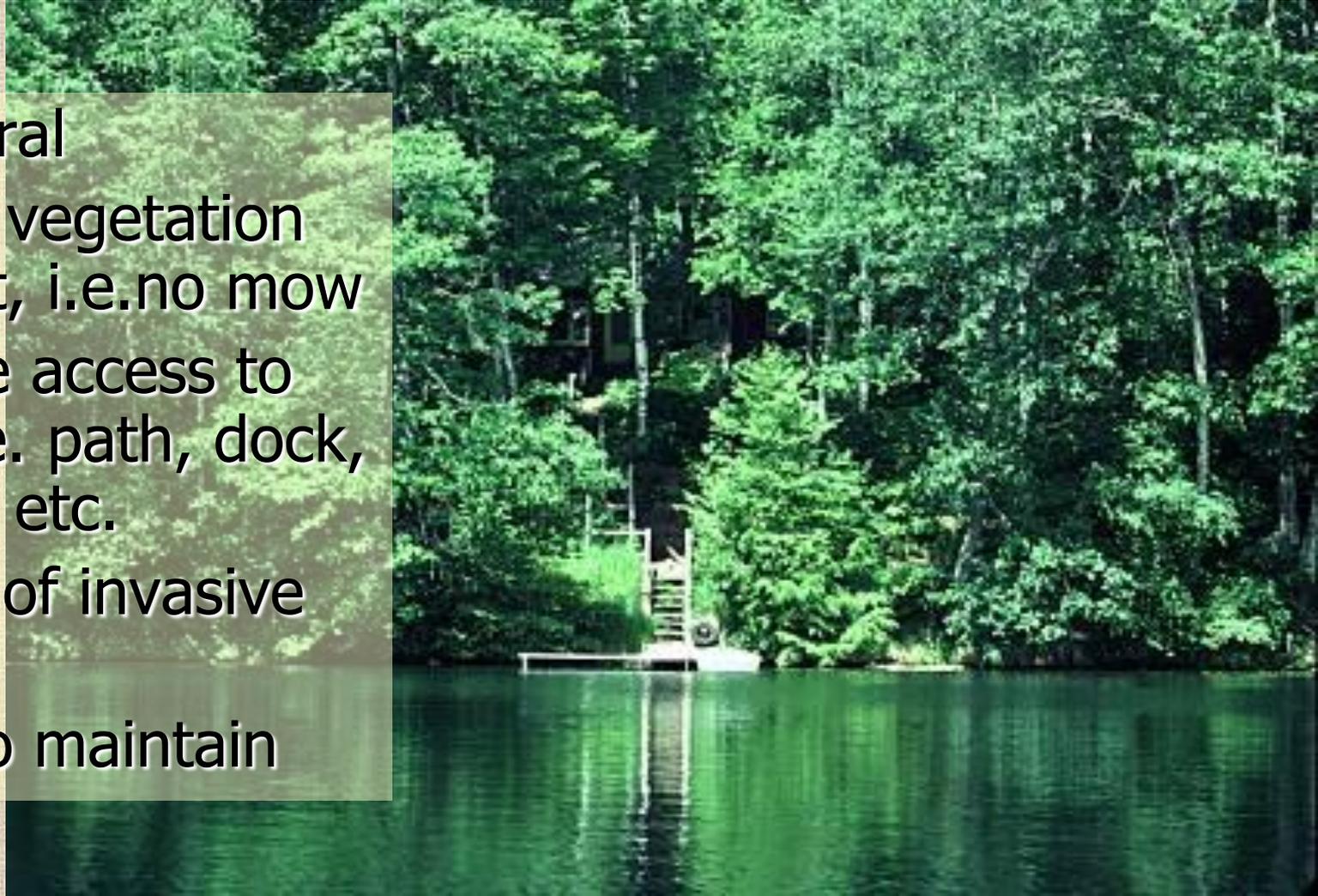
Project Examples - Before / After

# Various Techniques or Combinations of Techniques

- Natural Shoreline
- Native Plantings
- Biolog w/ Plantings
- Branch Box Breakwater
- Brush Mattress
- Live Fascine
- Branch Packing
- Vegetated Geogrid
- Rock Riprap
- Rock Riprap w/ Live Stakes; "vegetated riprap"
- Demo/Experimental

# Natural Shoreline

- Left natural
- Buffer of vegetation left intact, i.e. no mow
- May have access to water, i.e. path, dock, stairway, etc.
- Removal of invasive species
- Easiest to maintain



# Techniques

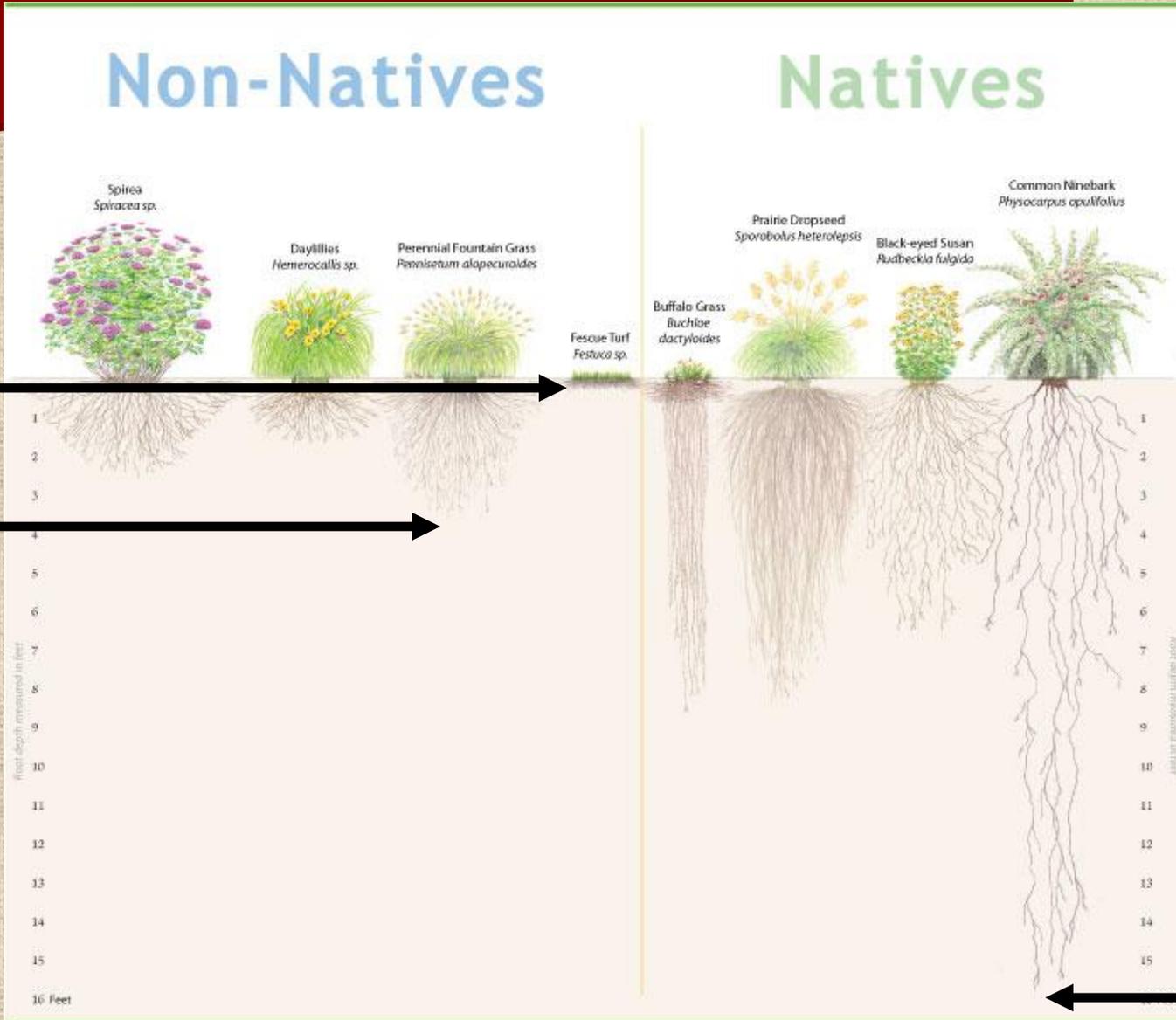
# Vegetation Holds Soil

## Non-Natives

## Natives

Turf  
Grass

4.0 Ft



16 Ft

Techniques

# Shrubs & Trees



Techniques

# Biolog



3 YEAR OLD BIOLOG

Techniques

# Brush Mattress



Techniques

# Live Fascine



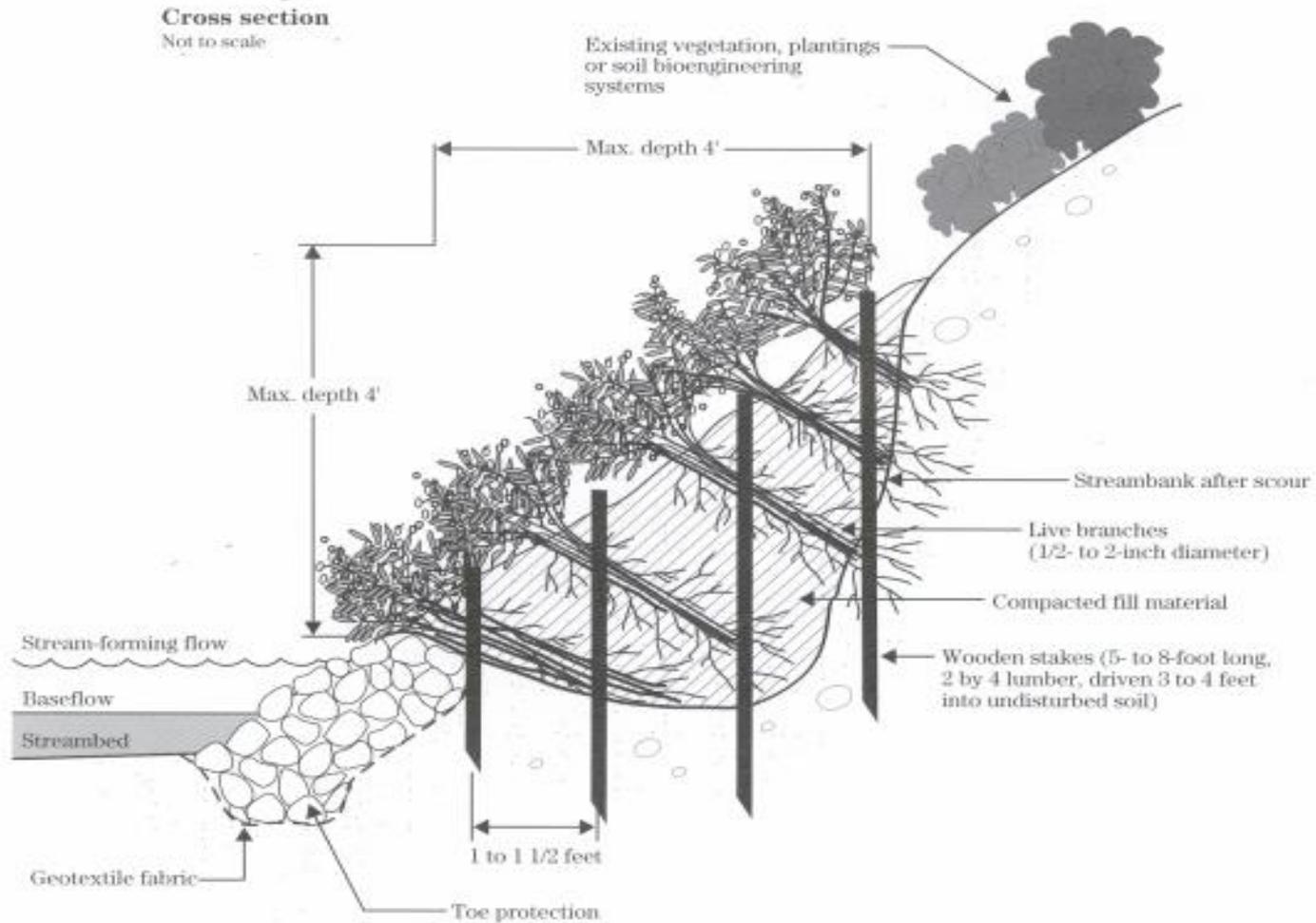
Techniques

# Branchbox Breakwater



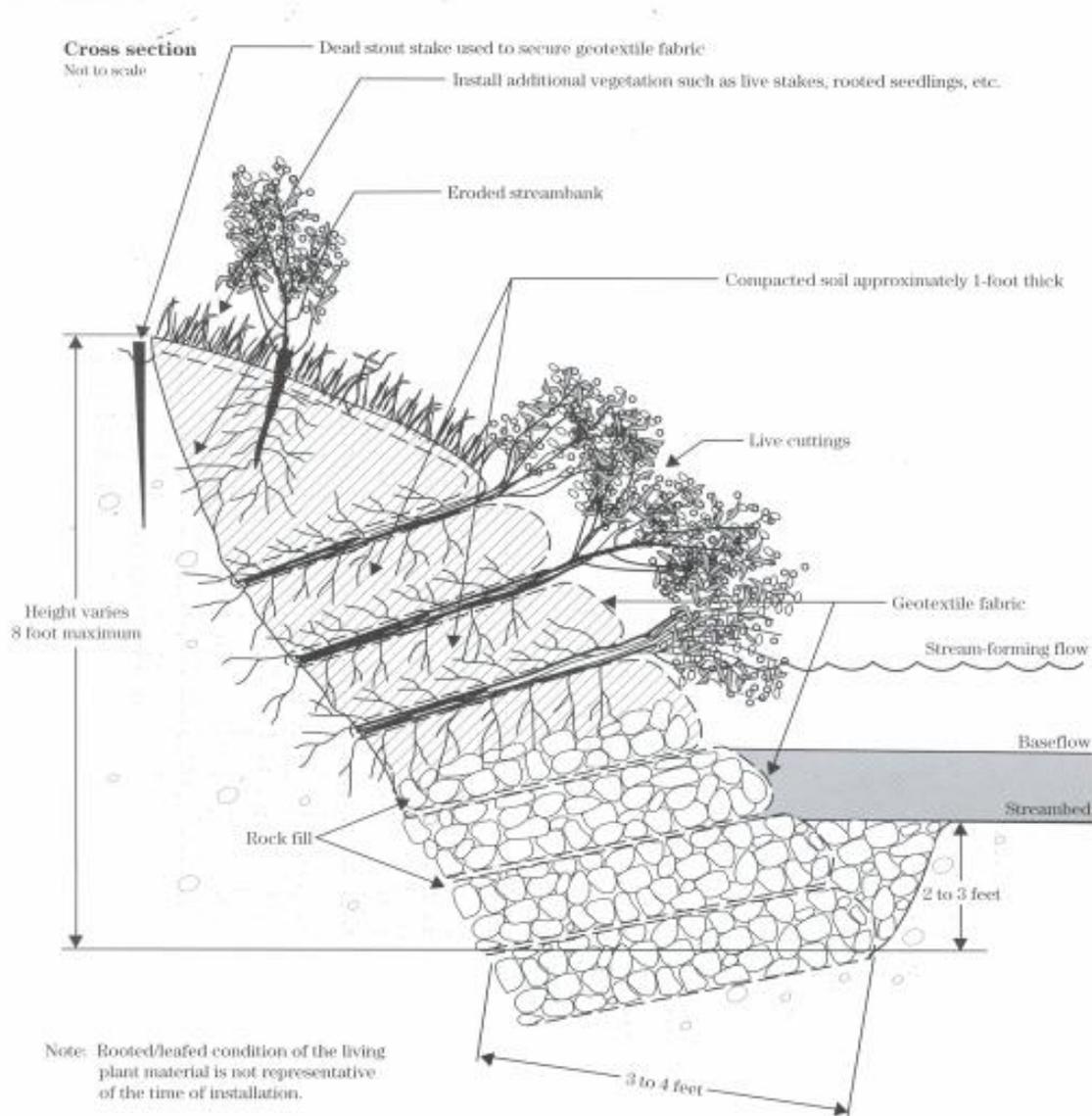
# Branch Packing

Figure 16-10 Branchpacking details

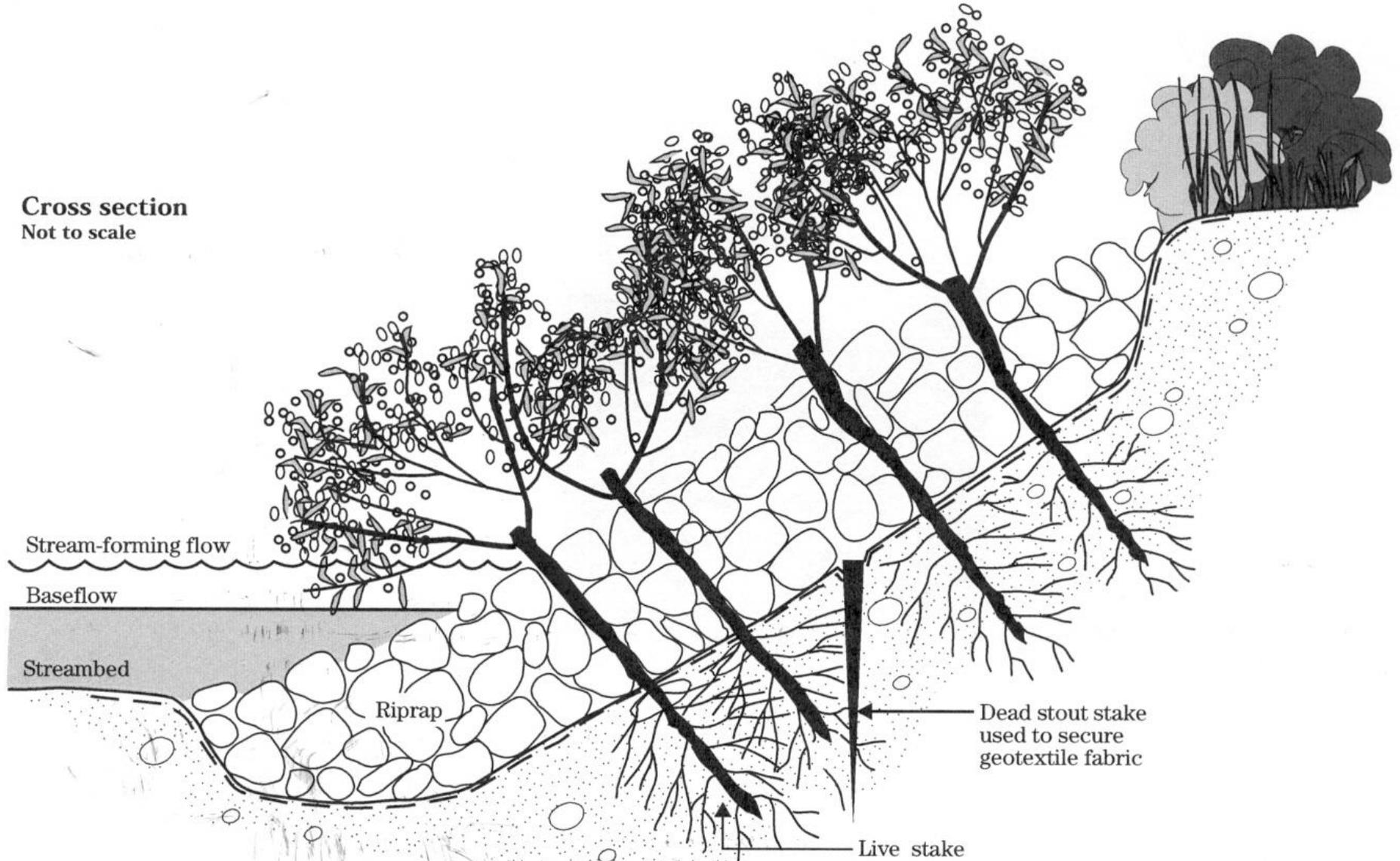


# Vegetated Geogrid

Figure 16-12 Vegetated geogrid details



# Vegetated Riprap



# Project Examples Before / After

# AMNICON LAKE

BEFORE



AFTER



BEFORE



Seawall Re

Rock Riprap  
AFTER



**BEFORE**



**AFTER**









JUN 19 2009

APR 25 2008



JUL 23 2008

SEP 5 2008





2005 7 8

2005 6 6

Not Advised!

