



Erosion Control Techniques 101

2010 Wisconsin Lakes Convention

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Talking Points

Erosion Causes / Effects

Case Studies:

Problem ID

Erosion Control Techniques

Design Standards

Lessons Learned



Erosion **Cause** & Effect

Wave Action:

Wind / Boat Driven

Near-shore Currents

Removal / Loss of:

Bank Vegetation

Shallow Water Aquatic Plants

Ice Action

Tributary Areas / Flowing Water



Erosion Cause & **Effect**

Soil Loss / Sediment Transport

Habitat Loss / Damage

Water Quality Decline

Nutrient Loading / Eutrophication

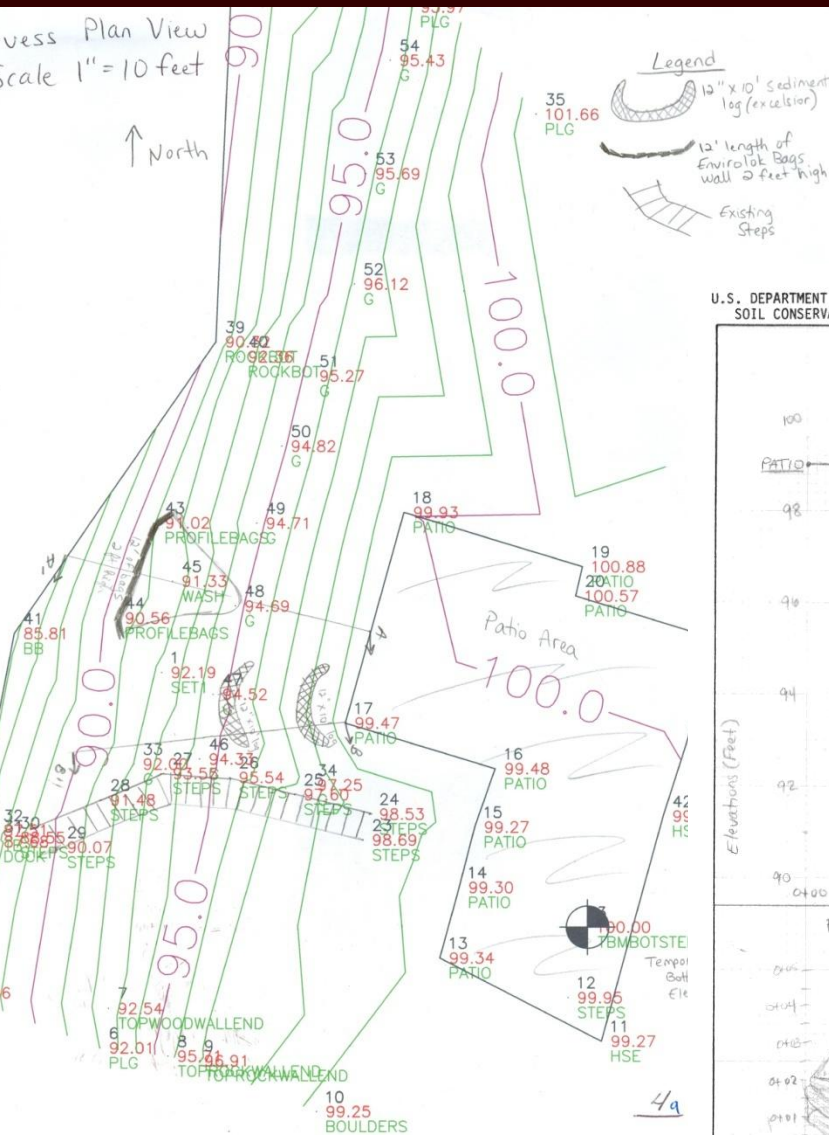
Structural Damage

Case Studies (1)

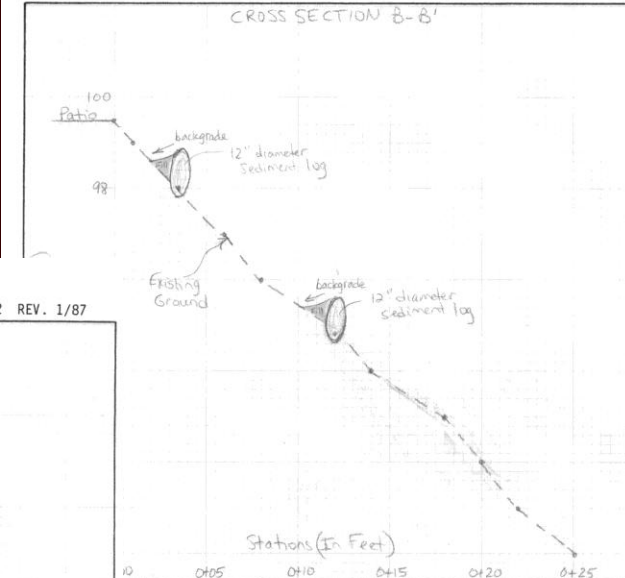
Problem ID & Techniques Used



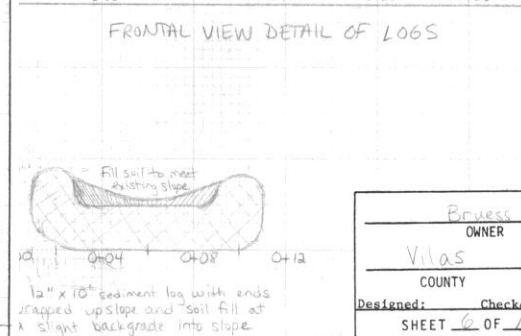
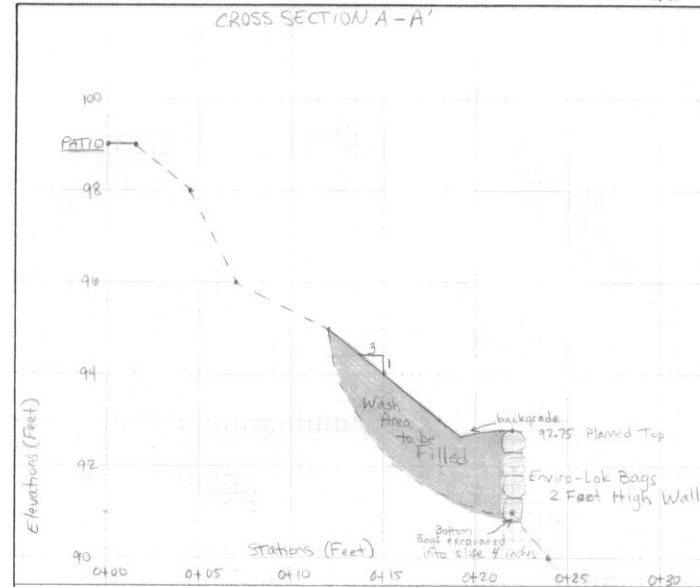
Case Studies (1) Problem ID & Techniques Used, cont



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OWNER
Vilas

Case Studies (1) Design Standards & Lessons Learned



Case Studies (2)

Problem ID & Techniques Used



Case Studies (2) Design Standards & Lessons Learned



Case Studies (3)

Problem ID & Techniques Used





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Questions?