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| Date:        | 09-15-06     |
| Scale:       | AS SHOWN     |
| Drawn by:    | AJB          |
| Checked by:  | MJM          |
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| DEP #        |              |
| REVISIONS    | DATE BY      |
| REVISION # 1 | 11-13-06 AJB |
| REVISION # 2 | 04-09-07 AJB |

ALTERNATE PLAN  
BIOENGINEERING TREATMENT  
RIVER BANK RESTORATION  
CROSS-SECTIONS  
CONNECTICUT RIVER



Prepared for:

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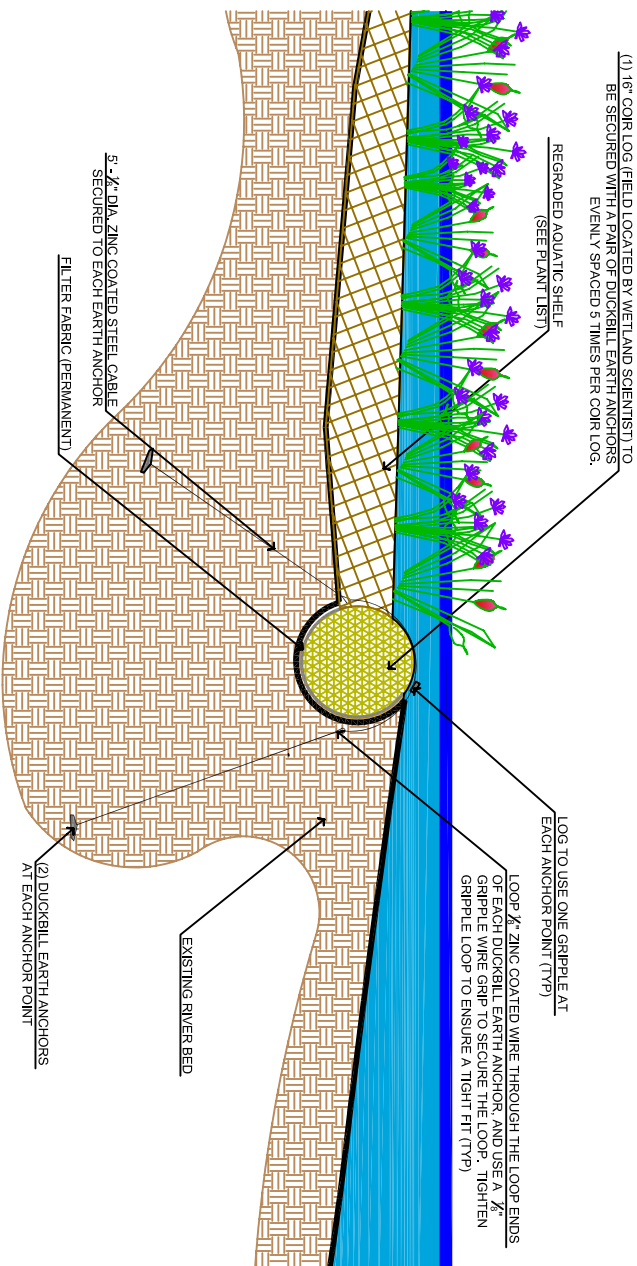


Prepared by:  
NEW ENGLAND ENVIRONMENTAL, INC.  
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**COIR LOG BREAKWATER NOTES:**

1. Wetland Scientist to approve all materials, and to stake the location of the coir log breakwater prior to installation. Wetland Scientist to be on site at the start of breakwater construction. Contractor shall not start the breakwater without Wetland Scientist on site.
2. Minor earthwork to be conducted by hand to ensure tight fit.
3. All coir logs to be tied to each other at the ends using wire and gripples, ensuring that if logs loosen, they will all be connected and locked to each other and the bank.
4. Aquatic shelf to be filled in only after the coir log break water has been constructed along the entire 915' length of restoration. Material used to fill in the aquatic shelf to be similar to existing river bed material and approved by wetland scientist prior to soil placement.
5. Each log to be secured with a pair of duckbill earth anchors a minimum of 5 times evenly spaced per coir log.

**1 COIR LOG BREAKWATER**  
BT-6 SCALE: 1"=3'-0"



**CROSS SECTION**