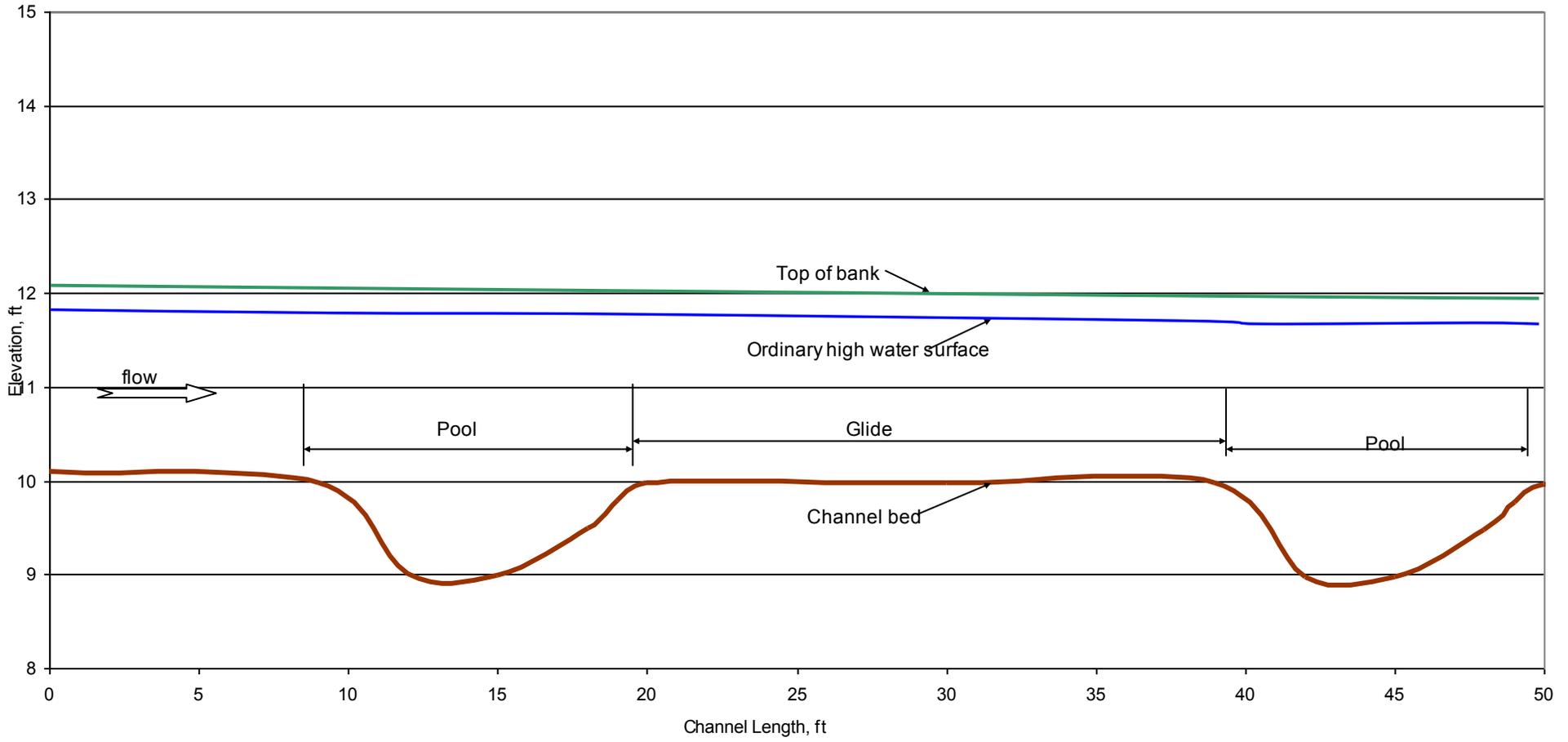


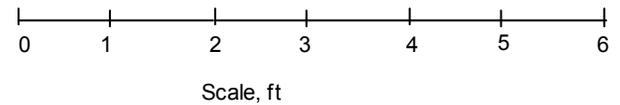
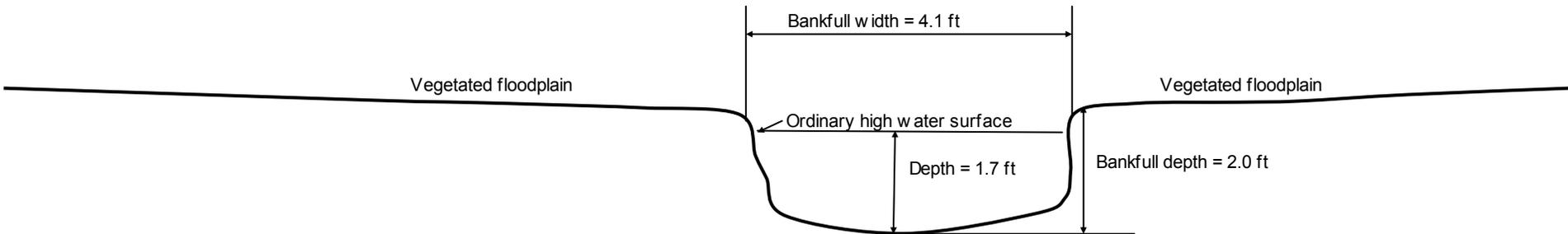
CHANNEL PROFILE
(One meander wavelength)



<p>PURPOSE: Spring Creek channel relocation</p> <p>DATUM: N/A</p> <p>ADJACENT PROPERTY OWNERS:</p>	<p>NAME: Mid-Columbia Fisheries Enhancement Group</p> <p>APPLICANT REFERENCE:</p> <p>SITE LOCATION ADDRESS:</p>	<p>PROPOSED:</p> <p>IN:</p> <p>NEAR/AT: Union Gap</p> <p>COUNTY: Yakima STATE: WA</p> <p>SHEET 2 OF 6</p> <p>DATE: March 30, 2009</p>
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**CHANNEL CROSS-SECTION
(Riffle habitat)**

SPRING CREEK TYPICAL CHANNEL CHARACTERISTICS				
<u>Bankfull width</u>	<u>Bankfull depth</u>	<u>Pool depth</u>	<u>Slope</u>	<u>Sinuosity</u>
4.1 ft	2.0 ft	3.0 ft	0.085%	1.6

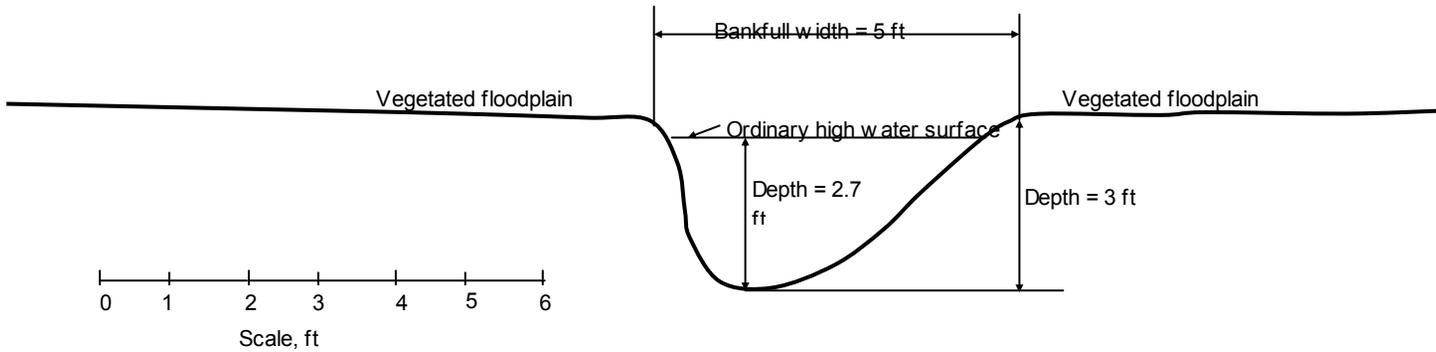


<p>PURPOSE: Spring Creek channel relocation</p> <p>DATUM: N/A</p> <p>ADJACENT PROPERTY OWNERS:</p>	<p>NAME: Mid-Columbia Fisheries Enhancement Group</p> <p>APPLICANT REFERENCE:</p> <p>SITE LOCATION ADDRESS:</p>	<p>PROPOSED:</p> <p>IN:</p> <p>NEAR/AT: Union Gap</p> <p>COUNTY: Yakima STATE: WA</p> <p>SHEET 3 OF 6</p> <p>DATE: March 30, 2009</p>
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**CHANNEL CROSS-SECTION
(Pool habitat)**

**SPRING CREEK TYPICAL POOL
CHARACTERISTICS**

Bankfull width Bankfull depth

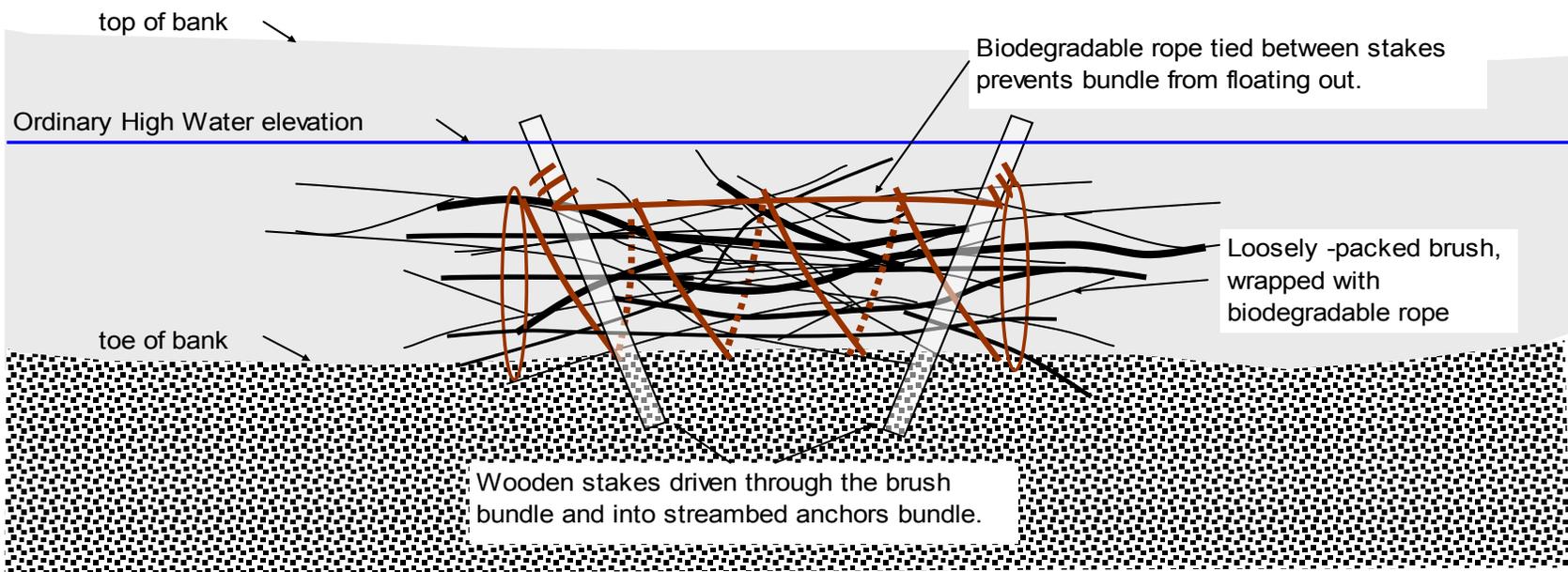


PURPOSE: Spring Creek channel relocation
 DATUM: N/A
 ADJACENT PROPERTY OWNERS:

NAME: Mid-Columbia Fisheries Enhancement Group
 APPLICANT REFERENCE:
 SITE LOCATION ADDRESS:

PROPOSED:
 IN:
 NEAR/AT: Union Gap
 COUNTY: Yakima STATE: WA
 SHEET 4 OF 6
 DATE: March 30, 2009

TYPICAL BRUSH BUNDLE
Profile view



PURPOSE: Spring Creek channel relocation
 DATUM: N/A
 ADJACENT PROPERTY OWNERS:

NAME: Mid-Columbia Fisheries Enhancement Group
 APPLICANT REFERENCE:
 SITE LOCATION ADDRESS:

PROPOSED:
 IN:
 NEAR/AT: Union Gap
 COUNTY: Yakima STATE: WA
 SHEET 5 OF 6
 DATE: March 30, 2009