

## Stevens, Mike

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**From:** Clover Planning <cloverplanning@protonmail.com>  
**Sent:** Thursday, August 15, 2024 9:57 AM  
**To:** Stevens, Mike  
**Cc:** wessm@cedarandsagehomes.com  
**Subject:** SSDP2022-101  
**Attachments:** Restoration Maps.pdf

**[EXTERNAL EMAIL]** Exercise caution before clicking links or opening attachments.

Mike,

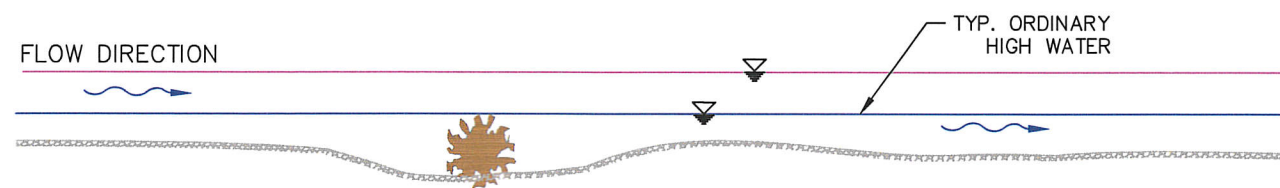
Please advise Gary that the property owner requests the item be remanded back to the applicant so we may revise the restoration plan with the goal of receiving supportive comments from the Dept. of Ecology. Note that revising the restoration plan to include additional features will be subject to review timelines of the Army Corps before resubmittal to the City. The concept we plan to implement is illustrated in the attachment, whereby large woody debris will be anchored in-place and extend into the water. When I spoke with Ryan Anderson, he indicated this concept would suffice.

Thank you,

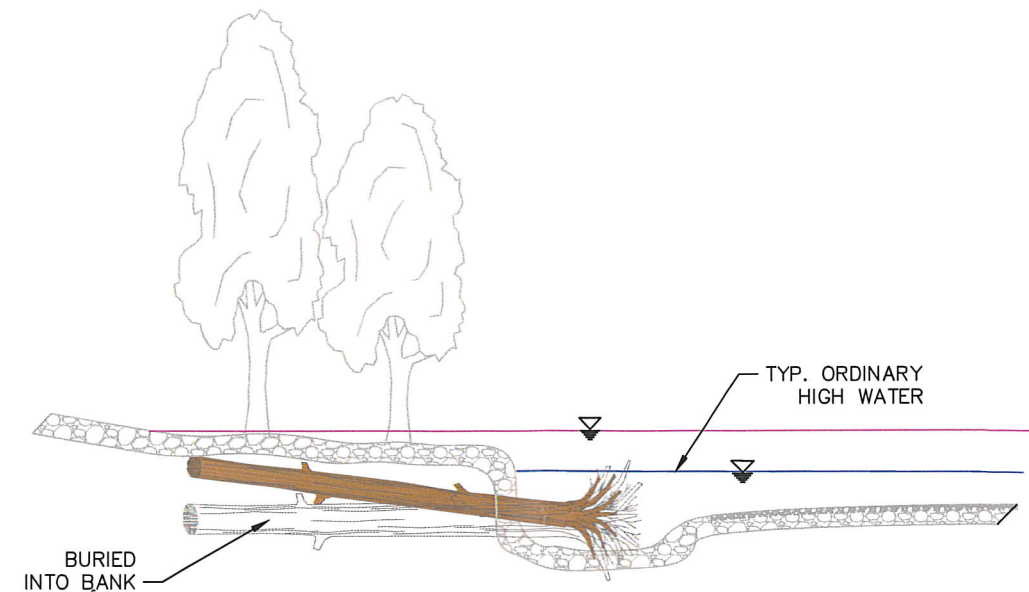
Shane O'Neill  
Clover Planning - Owner  
[www.plancllover.com](http://www.plancllover.com)  
(509) 713-4560



Sent with [Proton Mail](#) secure email.



(A) SINGLE LWD TYPICAL PROFILE



(B) SINGLE LWD TYPICAL SECTION

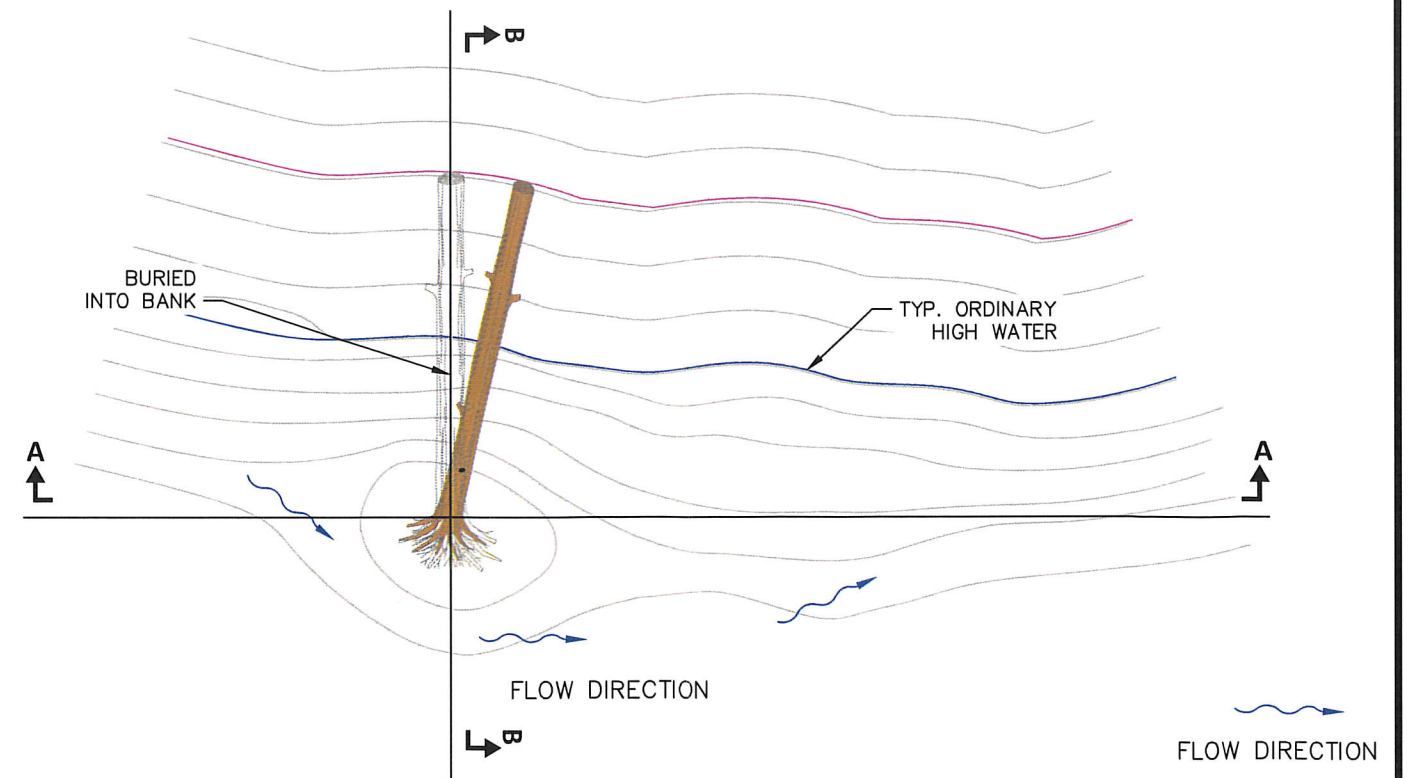
LWD QUANTITIES				
ITEM	LOG DIA. (IN.)	ROOTWAD DIA. (IN.)	MIN. LOG LENGTH (FT)	QUANTITY
ROOTWAD LOG	15"	54"	30'	1

**TABLE NOTES:**

1. MINIMUM LENGTHS ARE REPORTED FOR MATERIAL PROCUREMENT PURPOSES. ALL LWM SHALL BE CUT TO FIT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. ROOTWAD LOG LENGTHS DO NOT INCLUDE THE LENGTH OF THE ROOTWAD MASS.
3. ROOTWAD LOG DIAMETER IS MEASURED AT THE BREAST HEIGHT.

**CONSTRUCTION NOTES:**

1. SINGLE LWD WILL BE FIELD LOCATED AT TIME OF CONSTRUCTION BY THE ENGINEER.
2. STRUCTURE ANCHORING IS ACHIEVED BY UTILIZING EXISTING TREES OR BURIAL OF MEMBERS AS DIRECTED BY ENGINEER.
3. IF STRUCTURE ANCHORING IS ACHIEVED BY BURIAL THEN A TRENCH SHALL BE EXCAVATED FOR PROPER PLACEMENT AND BACKFILLED TO EXISTING GRADE. EXCESS MATERIAL SHALL BE PLACED IN LEE OF STRUCTURE.



SINGLE LWD TYPICAL PLAN



Walla Walla County  
Conservation District

325 North 13th Avenue  
Walla Walla, WA 99362

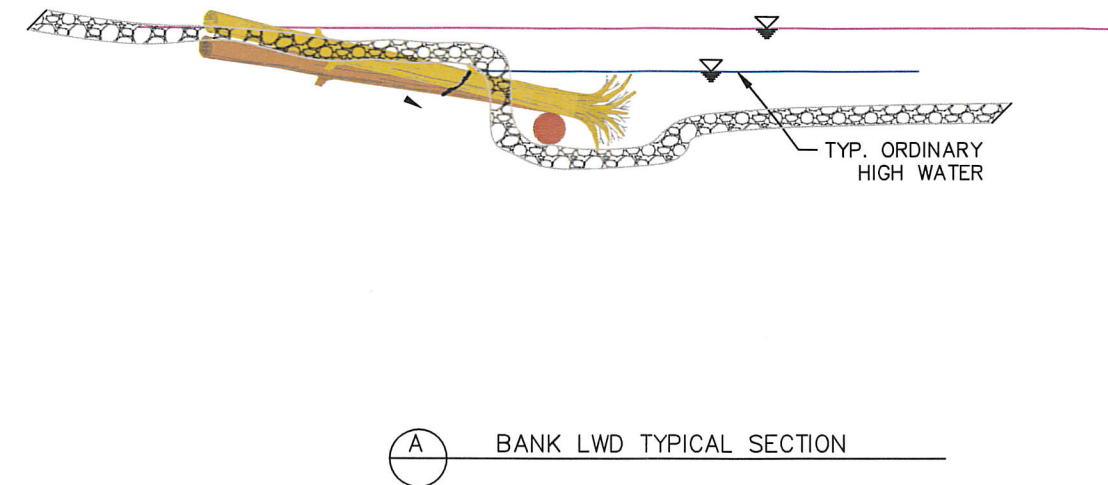
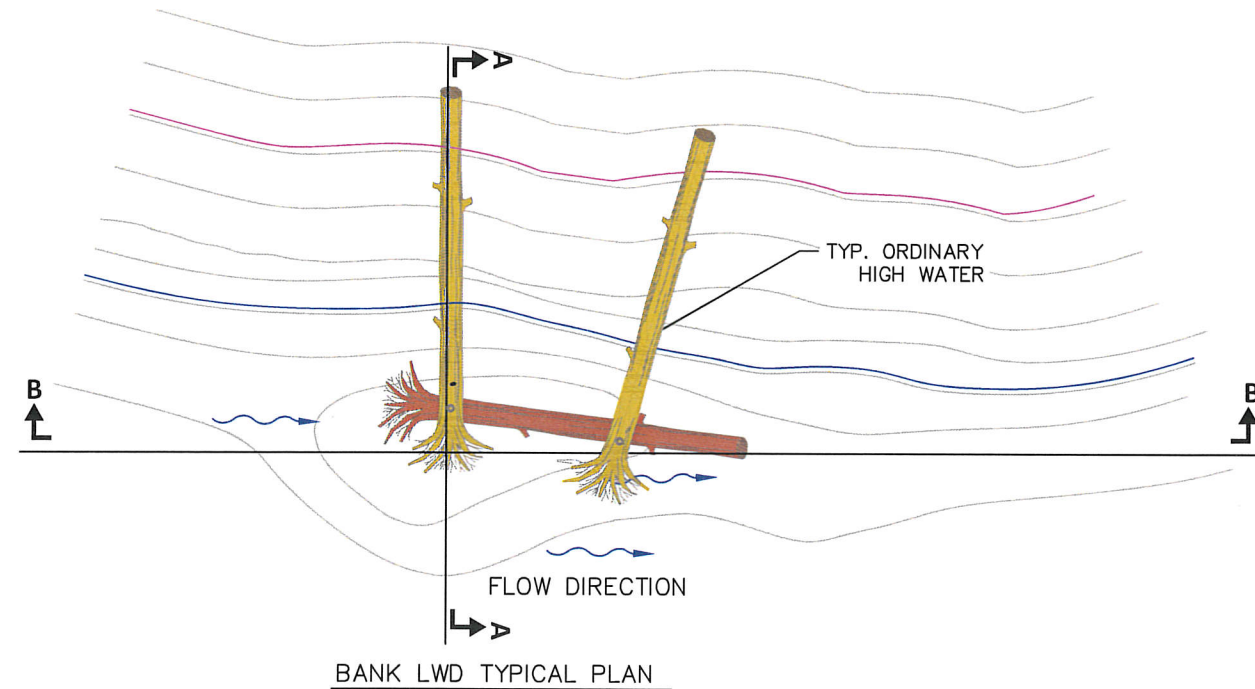
Single LWD  
Details

DESIGNED BY: LH  
DRAWN BY: LS  
CHECKED BY: RH  
APPROVED BY: CPK  
REVISED BY: \_\_\_\_\_  
SCALE: NTS  
DATE: 05/16/2017

SHEET:

4

SHEET NO. 4 OF 5



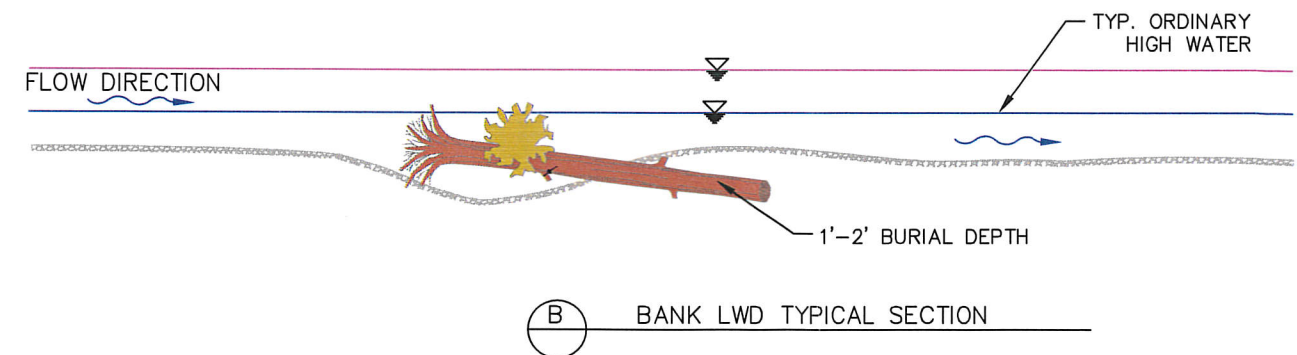
#### CONSTRUCTION NOTES:

1. BANK LWD WILL BE FIELD LOCATED AT TIME OF CONSTRUCTION BY THE ENGINEER.
2. STRUCTURE ANCHORING IS ACHIEVED BY BURIAL AS DIRECTED BY ENGINEER.
3. IF STRUCTURE ANCHORING IS ACHIEVED BY BURIAL THEN A TRENCH SHALL BE EXCAVATED FOR PROPER PLACEMENT AND BACKFILLED TO EXISTING GRADE. EXCESS MATERIAL SHALL BE PLACED IN LEE OF STRUCTURE.
4. PRIMARY STRUCTURAL MEMBERS ARE SHOWN. ADDITIONAL SLASH AND SMALL MEMBERS MAY BE ADDED.

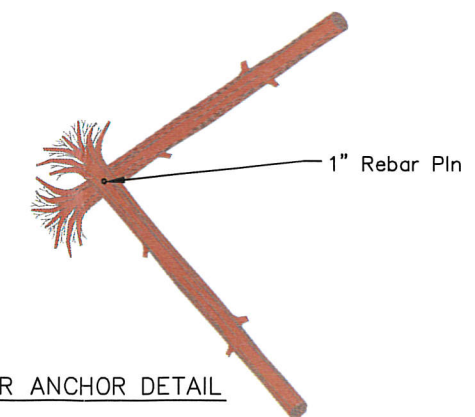
LWD QUANTITIES				
ITEM	LOG DIA. (IN.)	ROOTWAD DIA. (IN.)	MIN. LOG LENGTH (FT)	QUANTITY
ROOTWAD LOG	15"	54"	30'	3
SLASH	5 CY.			

#### TABLE NOTES:

1. MINIMUM LENGTHS ARE REPORTED FOR MATERIAL PROCUREMENT PURPOSES. ALL LWD SHALL BE CUT TO FIT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
2. ROOTWAD LOG LENGTHS DO NOT INCLUDE THE LENGTH OF THE ROOTWAD MASS.
3. ROOTWAD LOG DIAMETER IS MEASURED AT THE BREAST HEIGHT.
4. LOG POLE DIAMETER IS MEASURED AT THE MID POINT ALONG THE LENGTH OF THE LOG.



Rebar pin shall be installed in drilled hole or saw cut cross. Pin shall penetrate both logs. The top shall be bent over flush with log.



Walla Walla County  
Conservation District

325 North 13th Avenue  
Walla Walla, WA 99362

Bank LWD  
Details

DESIGNED BY: LH  
DRAWN BY: LS  
CHECKED BY: RH  
APPROVED BY: CPK  
REVISED BY:  
SCALE: NTS  
DATE: 05/16/2017  
REVISED DATE:

SHEET:

5

SHEET NO. 5 OF 5