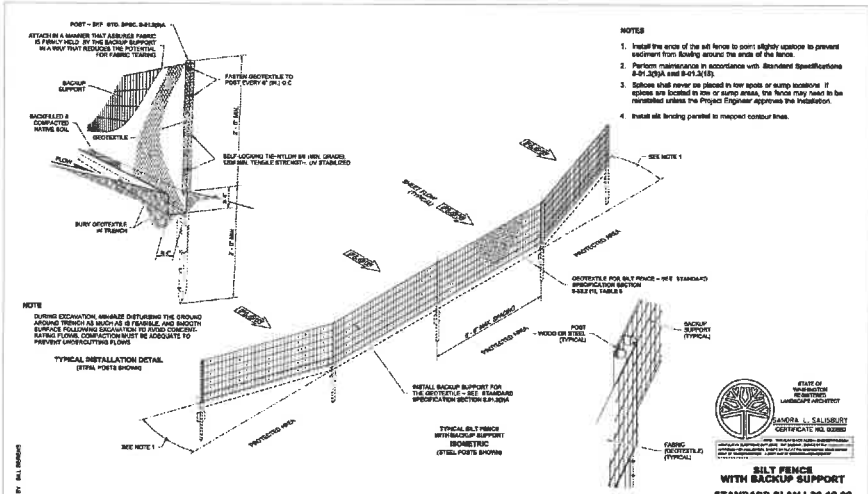


NOTES

1. Install the ends of the silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.
2. Perform maintenance in accordance with Standard Specifications 9-01.3(9)A and 9-01.3(15).
3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
4. Install silt fencing parallel to mapped contour lines.

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
SANDRA L. SALISBURY
CERTIFICATE NO. 930980

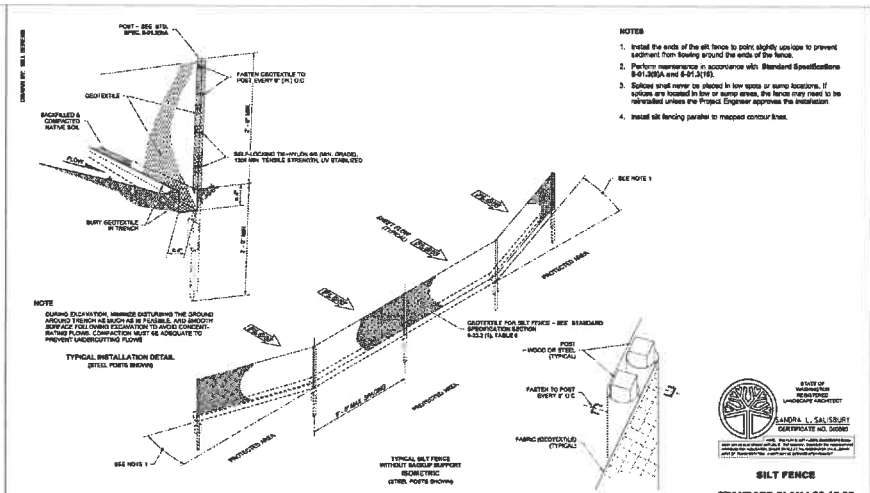
SILT FENCE WITH BACKUP SUPPORT

STANDARD PLAN I-30.10-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Pasco Sakotich III 3/22/13
STATE DESIGN ENGINEER DATE
Washington State Department of Ecology/Ellensburg

DRAWN BY: SALI BERGES



NOTES

1. Install the ends of the silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.
2. Perform maintenance in accordance with Standard Specifications 9-01.3(9)A and 9-01.3(15).
3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.
4. Install silt fencing parallel to mapped contour lines.

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
SANDRA L. SALISBURY
CERTIFICATE NO. 930980

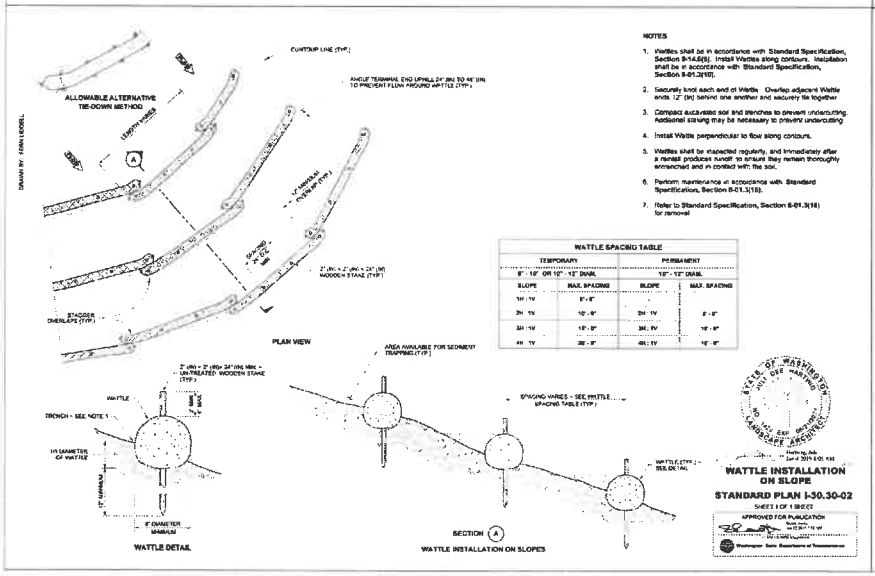
SILT FENCE

STANDARD PLAN I-30.15-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Pasco Sakotich III 3/22/13
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

DRAWN BY: SALI BERGES



NOTES

1. Wattles shall be in accordance with Standard Specification, Section 9-14.6(5). Install Wattles along contours. Installation shall be in accordance with Standard Specification, Section 9-01.3(10).
2. Securely knot each end of Wattle. Overlap adjacent Wattle ends 12" (IN) behind one another and securely tie together.
3. Compact excavated soil and trenches to prevent undercutting. Additional staking may be necessary to prevent undercutting.
4. Install Wattle perpendicular to flow along contours.
5. Wattles shall be inspected regularly, and immediately after a rainfall produces runoff to ensure they remain thoroughly entrenched and in contact with the soil.
6. Perform maintenance in accordance with Standard Specification, Section 9-01.3(15).
7. Refer to Standard Specification, Section 9-01.3(16) for removal

WATTLE SPACING TABLE

TEMPORARY		PERMANENT	
6" - 12" OR 12" - 12" DIAM.		12" - 12" DIAM.	
SLOPE	MAX. SPACING	SLOPE	MAX. SPACING
1H : 1V	6' - 0"	-	
2H : 1V	12' - 0"	2H : 1V	6' - 0"
3H : 1V	18' - 0"	3H : 1V	12' - 0"
4H : 1V	24' - 0"	4H : 1V	18' - 0"

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
Sandra L. Salisbury
LICENSE NO. 930
June 7, 2013

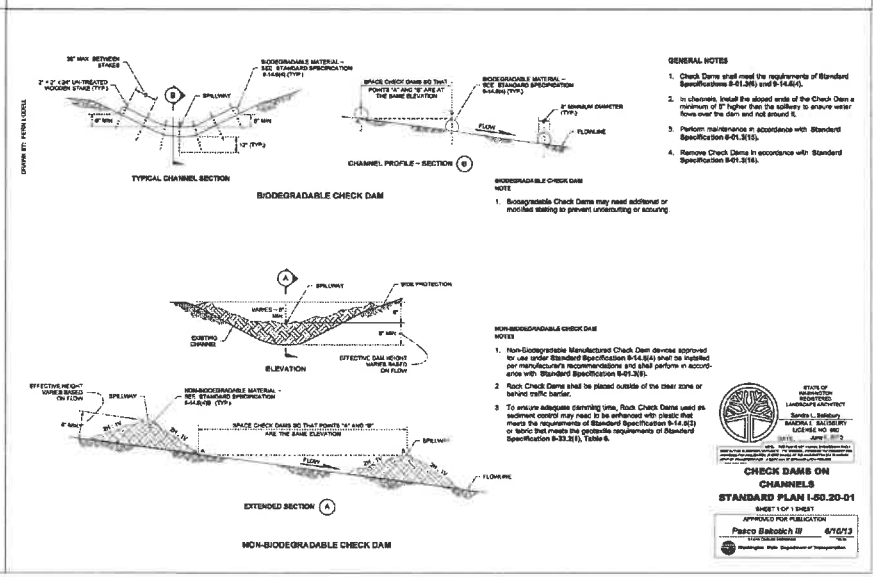
WATTLE INSTALLATION ON SLOPE

STANDARD PLAN I-30.30-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Pasco Sakotich III 6/10/13
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

DRAWN BY: FRANK LUCIDO



GENERAL NOTES

1. Check Dams shall meet the requirements of Standard Specifications 9-01.3(6) and 9-14.6(4).
2. In channels, install the sloped ends of the Check Dam a minimum of 6" higher than the spillway to ensure water flows over the dam and not around it.
3. Perform maintenance in accordance with Standard Specification 9-01.3(15).
4. Remove Check Dams in accordance with Standard Specification 9-01.3(16).

BIODEGRADABLE CHECK DAM NOTE

1. Biodegradable Check Dams may need additional or modified staking to prevent undercutting or scouring

NON-BIODEGRADABLE CHECK DAM NOTES

1. Non-Biodegradable Manufactured Check Dam devices approved for use under Standard Specification 9-14.6(4) shall be installed per manufacturer's recommendations and shall perform in accordance with Standard Specification 9-01.3(9).
2. Rock Check Dams shall be placed outside of the clear zone or behind traffic barrier.
3. To ensure adequate cleaning time, Rock Check Dams used as sediment control may need to be enhanced with plastic that meets the requirements of Standard Specification 9-14.6(3) or fabric that meets the geotextile requirements of Standard Specification 9-33.2(1), Table 6.

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT
Sandra L. Salisbury
LICENSE NO. 930
June 7, 2013

CHECK DAMS ON CHANNELS

STANDARD PLAN I-50.20-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Pasco Sakotich III 6/10/13
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
0	5/29/13	PRELIMINARY DRAFTING			
1	1/29/13	GRADING PERMIT SET			

PACIFIC ENGINEERING
2003 E. COLUMBIA STREET, SUITE 300, YAKIMA, WA 98901
(509) 965-1181 www.pacificengineering.net

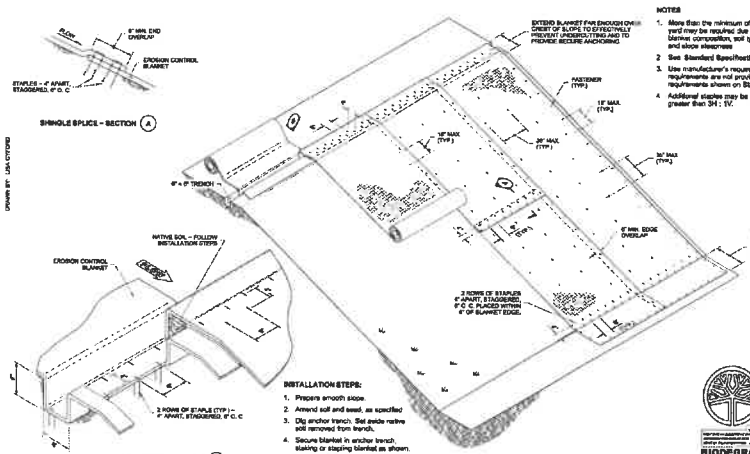
ANDERSON HAY & GRAIN COMPANY, INC.
SITE GRADING IMPROVEMENTS

ELLENSBURG, WASHINGTON
PROJECT NO. 3123054 DRAWN BY: DG CHECKED BY: MR

IF NOT ONE INCH ON THIS SHEET REMAKE AS APPROPRIATE
0 1"

T.E.S.C. DETAILS

C4.1



NOTES

1. More than the minimum of one fastener per square yard may be required due to conditions such as blanket composition, soil type, surface uniformity, and slope steepness
2. See Standard Specification 8-01.3(3) and 8-14.3(2).
3. Use manufacturer's requirements. When manufacturer's requirements are not provided, use installation requirements shown on Standard Plans.
4. Additional staples may be required on slopes greater than 3H : 1V.

INSTALLATION STEPS:

1. Prepare smooth slope.
2. Amend soil and seed, as specified
3. Dig anchor trench. Set aside native soil removed from trench.
4. Secure blanket in anchor trench, staking or stapling blanket as shown.
5. Replace native soil previously removed from trench.
6. Roll blanket down the slope in a controlled manner, taking care to remove excess slack, and taking care not to stretch blanket.
7. Stake or staple blanket as shown so there are no gaps between the blanket and the soil. Staple while unrolling blanket to minimize wadding on blanket

STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT SANDRA L. BALSBURY

DATE 8/9/13

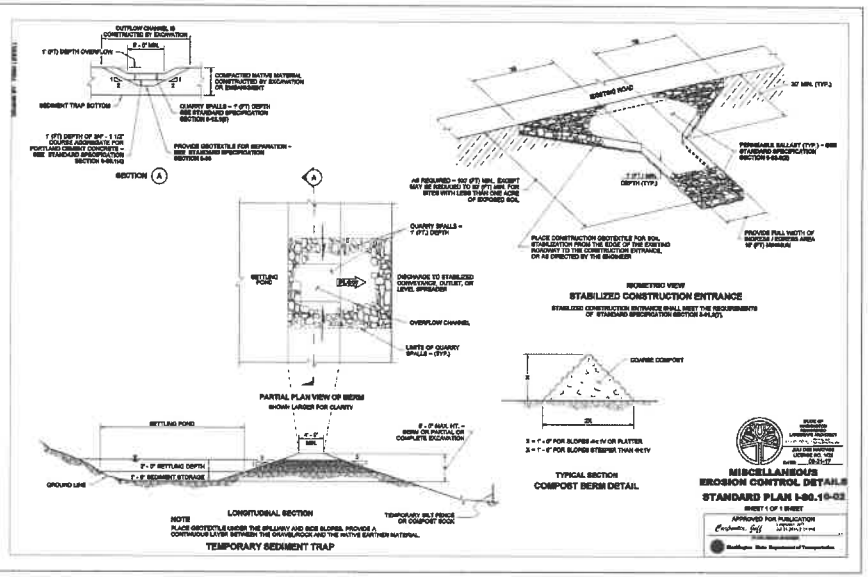
BIODEGRADABLE EROSION CONTROL BLANKET PLACEMENT FOR SLOPES
STANDARD PLAN I-60.10-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Sakotich II 8/13/13
DESIGN ENGINEER DATE

Washington State Department of Transportation



STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT JEFFREY W. HAYES

CERTIFICATE NO. 1437

DATE 08-01-07

MISCELLANEOUS EROSION CONTROL DETAILS
STANDARD PLAN I-80.15-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Engineer Seal 08/01/2007

Washington State Department of Transportation

REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
0	6/28/21	PRELIM WORK/GRADING			
1	7/29/21	GRADING PERMIT SET			

PACIFIC ENGINEERING

2905 S. COLUMBIA STREET, SUITE 200, WENATCHEE, WA 98803
(509) 662-1183 www.pacificengineering.net

ANDERSON HAY & GRAIN COMPANY, INC.
SITE GRADING IMPROVEMENTS

ELLENSBURG, WASHINGTON

PROJECT NO. 19125A DRAWN BY: LCS CHECKED BY: MR

IF NOT ONE INCH ON THIS SHEET ADJUST SCALE ACCORDINGLY

0 1"

T.E.S.C. DETAILS

C4.1