Biodegradable Erosion Control Blanket Placement for Slopes

**Standard Plan I-60.10-01**

**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 walking on blanket.

**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 9-14.5(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.

**Native Soil - Follow Installation Steps**

**Erosion Control Blanket**

**Shingle Splice - Section A**

**Initial Anchor - Detail B**

**Extend Blanket Far Enough Over Crest of Slope to Effectively Prevent Undercutting and to Provide Secure Anchoring**

**Flow 6" Min. End Overlap**

**Staples - 4" Apart; Staggered, 6" O.C.**

**Erosion Control Blanket**

**2 Rows of Staples 4" Apart; Staggered, 6" O.C. Placed Within 6" of Blanket Edge.**

**18" Max (Typ.)**

**36" Max (Typ.)**

**6" Min. Edge Overlap**

**Extend Blanket 24" Beyond Toe of Slope or To Edge of Vegetation - Whichever is Closer**

**State of Washington Registered Landscape Architect**

Sandra L. Salisbury

License No. 860

Date: 6/6/13

State Design Engineer

Pasco Bakotich III

6/10/13

Washington State Department of Transportation