GABION OUTLET WEIR

REVERT MATTRESSES WITH GABIONS

SECTION A-A

Typical slope section
Slope revetment

NOTES

1. Obtain appropriate permits before erosion devices are placed in streams and channels, or both.

2. Gabions and revet mattresses may be used for permanent erosion control, temporary erosion control, or both.

3. The discharge through or over revet mattresses, gabions, or both should be directed into a stabilized area such as vegetation, riprap, or both.

4. Gabions and revet mattresses should be embedded a minimum of 4" into the existing ground or fill.

5. All sack gabions should be secured with 6" x 3/4" metal stakes or 6' steel posts.

6. Ensure that the width of the gabion outlet weir is constructed as shown on the plans or as directed by the engineer.

7. Gabions may be used with revet mattresses to form sediment control dams and should be installed so that the channel capacity is not restricted. Should the device totally silt-up, revet mattresses may be used as a channel liner to prevent erosion and to intercept sediment laden runoff.

8. 6" revet mattresses will usually promote vegetation for side slopes that are not continually submerged. In water, 9" revet mattresses may be used to line large channels or streams with greater flow rates or in soils that erode easily. 12" revet mattresses will be used to line large streams and rivers.

9. Secure revet mattresses used for slope revetment with metal posts or stakes to prevent sliding or shifting.

10. Not to scale.