1. Use permanent erosion control devices standard drawings in conjunction with the standard specifications for highway construction and the Idaho Transportation Department Standards.

2. See plans for site dimensions.

3. The placement of permanent erosion control measures is site-specific. Obtain the engineer's approval of the permanent erosion control measures prior to installation.

4. Permanent erosion control devices are intended to last more than a season and should be integrated into the final erosion control plan.

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 onto 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.

5. All 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. The use of rip rap or erosion control geotextile may be used as a channel liner to prevent erosion and to intercept sediment laden runoff.

8. Riprap or erosion control geotextile may be used to line large channels or streams with greater flow rates or in soils that erode easily. 12" revet mattresses may be used to line large streams and rivers.

9. Secure revet mattresses used for slope revetment with gabions, posts or stakes to prevent slidding or shifting.

10. Not to scale.

REVIEWS

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SPECIAL DRAWING NO.

212-10

STANDARD DRAWING

PERMANENT EROSION AND SEDIMENT CONTROL

GABION AND REVET MATTRESS

BOISE, IDAHO

ORIGINAL DRAWING NO.

212-10_0213.dgn

212-10

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