

NATURAL RESOURCES CONSERVATION SERVICE
Wyoming
CONSTRUCTION SPECIFICATIONS
FOR
ROCK BARRIER

(Owner/Operator)

(Project Title)

GENERAL

Installation shall be in accordance with an approved design and plan. Details of construction shown on the drawings but not included herein are considered as a part of this specification. Construction activities shall be in accordance with applicable OSHA regulations.

FOUNDATION PREPARATION

The foundation area for all rock barriers shall be cleared and stripped of all brush, roots, sod, large rock or other material. Topsoil shall be stockpiled for spreading on the surface of the completed bench. The foundation for the barrier shall be shaped so that full base width is smooth. Unless otherwise specified the foundation shall be excavated to a depth of no less than one-half the above ground centerline height of the barrier wall.

ROCK

Rock gradation and/or weight shall be as specified in "ADDITIONAL SPECIFICATIONS" or as shown on the drawings. The middle rock dimension will be used in determining rock size. The rock shall be angular to subangular in shape, sound, dense, and durable stone, and free from earth and rock dust, or other foreign material.

FILTER

Filter aggregate when specified on the drawings shall be spread uniformly on the prepared subgrade to the depth shown on the drawings. The filter shall be sand, gravel, or crushed stone or mixtures thereof. The gradation shall be as specified in ADDITIONAL SPECIFICATIONS or as shown on the drawings.

GEOTEXTILE FABRIC

Geotextile fabric when specified on the drawings shall be a non-woven fabric of the Class (weight) and Apparent Opening Size (AOS) as specified in ADDITIONAL SPECIFICATIONS or shown on the drawings.

BARRIER CONSTRUCTION

The construction shall begin with the upper most barrier. Barriers shall be built to the width, height, batter and shall be spaced as shown on the drawings and/or staked in the field. As an individual barrier is built, the void behind the barrier shall be filled with compacted soil.

The area upslope of the barrier shall be graded to the design slope(s) as shown on the drawings and/or staked in the field.

The placement of the rock in the barrier shall be done in a manner that will not cause separation of the small and large stones. The finished surface shall not have pockets of finer materials, which would flush out and weaken the barrier. Hand placing and chinking shall be done to provide a tightly interlocked rock surface.

ADDITIONAL SPECIFICATIONS