



Example: "d" - 1.0 foot "S" - 5%

Place straight edge at "d" value in Design Depth column and at "S" value in "Slope" column. Read rock size in middle column, 7.9 inches; round to 8 inches.

For Design:

25% of the rock by volume should be in sizes of 8 inches or slightly larger. The remaining 75% or less should be of well-graded material, smaller than 8 inches, including sufficient sands and gravels to fill the voids between the larger rock.

Stone Center Waterway

This nomograph can be used to size the rock for a stone centered grassed waterway.

Note: If the vegetative lining is supplemented by a stone center, the allowable velocity of the soil can be increased by 2.0 feet/second.