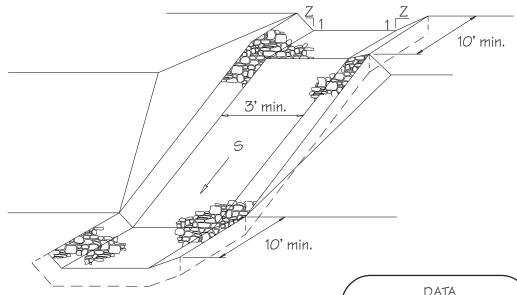
## **Standard Detail & Specifications**

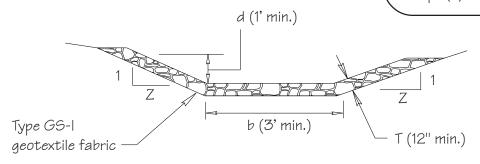
# **Riprap Chute**



## <u>Perspective</u>

#### DATA

Design discharge (Q) Bottom width (b) Side slope (Z) Depth (d) Riprap size  $(d_{50})$ Riprap thickness (T) Slope (s)



## Typical Section

Source:

Adapted from MD Stds. & Specs. for ESC Symbol:

RRC

Detail No.

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### **Standard Detail & Specifications**

# **Riprap Chute**

### **Construction Notes:**

- 1. Riprap chutes shall have a trapezoidal cross section with side slopes of 2:1 or flatter. Minimum flow depth shall be 1' with a minimum bottom width of 3'.
- 2. Entrance and exit aprons shall be provided as transition areas. Aprons shall be a minimum of 10' in length.
- 3. The riprap layer thickness shall be 1.5 X Dmax, with a minimum of 12".
- 4. All riprap shall be underlain with Type GS-I geotextile fabric.

Source:

Adapted from MD Stds. & Specs. for ESC

Symbol:

— RRC →

Detail No.

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