

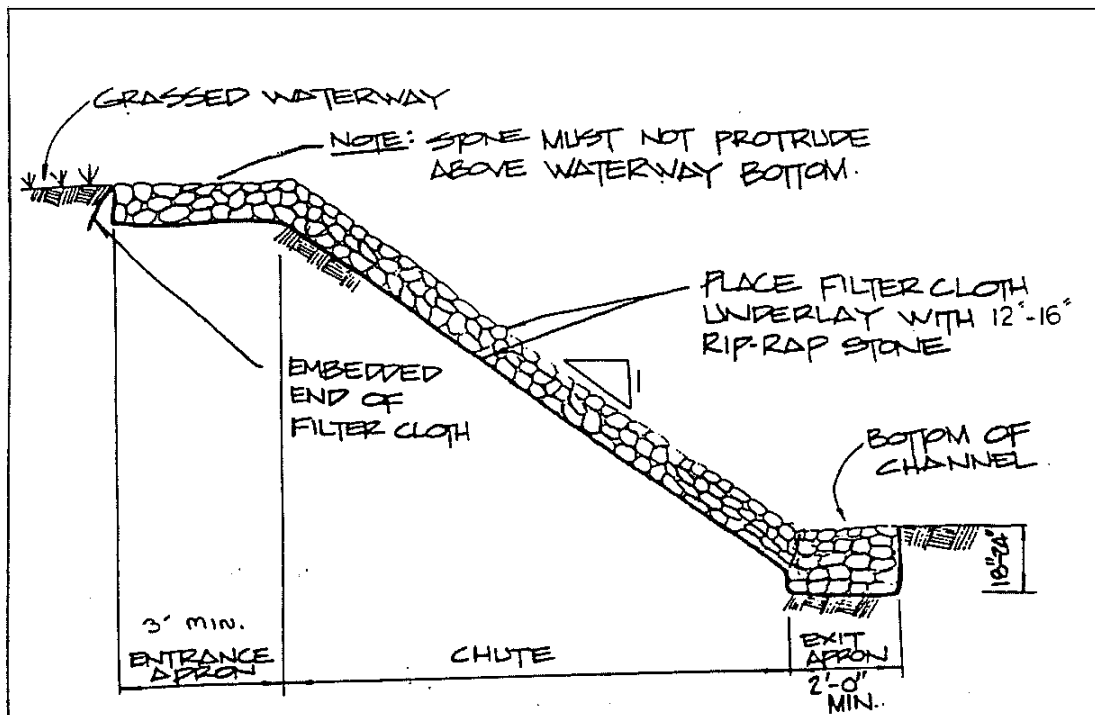
ROCK CHUTE Installation Sheet

Construction Specifications

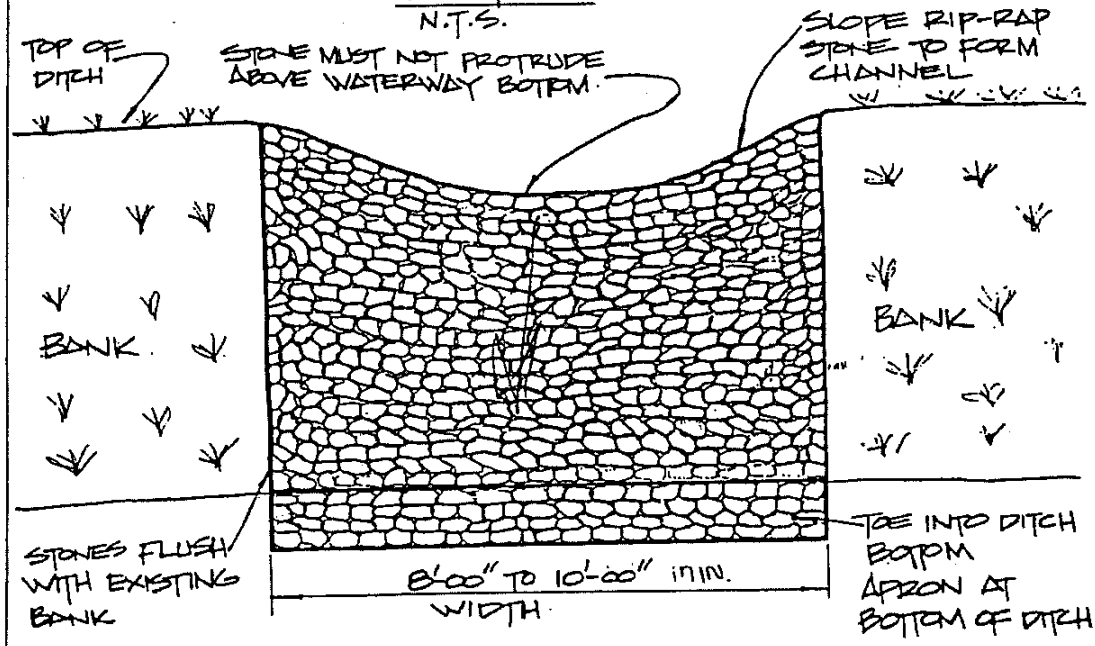
Size required: ERCA staff can calculate the size required for you. This will require a site visit.

Notes:


1. Please refer to the attached diagram on reverse side showing proper installation techniques.
2. Rock should be angular in shape (i.e. Rip Rap or quarry blast stone) and should NOT be field stone.
3. Size and quantity of Rip Rap stone varies with each project.
4. Truck loaded Rip Rap stone is approximately 1.6 tonne per m³ (1.35 tons/cubic yard)
5. 3 to 8 inch Gabion stone is the most common type of Rip Rap used.
6. All Rip-Rap MUST have filter cloth installed underneath.
7. The filter cloth is to be embedded into the soil at the ends of the Rip-Rap to prevent water from getting underneath the cloth and eroding the soil.
8. All Rip-Rap must be placed flush with the surface of the field at the entrance. This will necessitate excavating into the field to a depth of 1-1.5 feet and placing filter cloth, then Rip-Rap.
9. A footing must be included at the toe of the rock chute. This will prevent the Rip-Rap from slipping into the drain.
10. If the drains are municipal drains, contact your local Drainage Superintendent before proceeding.
11. For all areas where soil has to be brought in prior to installation of a rock chute, ensure the material used is clay from a good known source. Make sure the filter cloth has been toed into the existing ground surface that is not eroded.



SECTION
N.T.S.



ELEVATION
N.T.S.

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|  <p>essex region conservation authority</p> | <p>CONSERVATION SERVICES</p> | <p>DATE: 85.12.20</p> |
| | <p>ROCK CHUTE SPILLWAY</p> | <p>DRWN: S. DEROGHIE</p> |