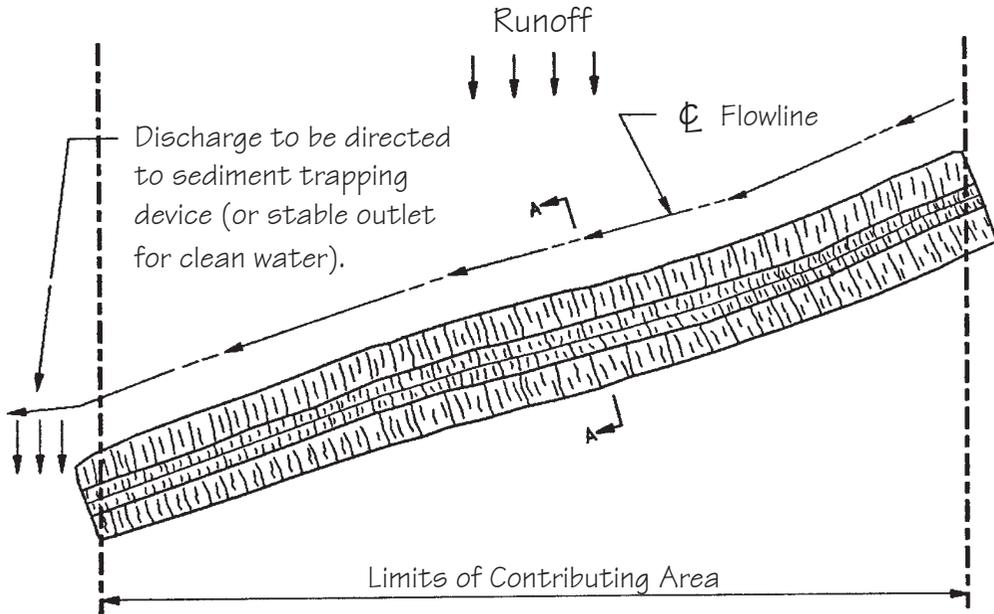
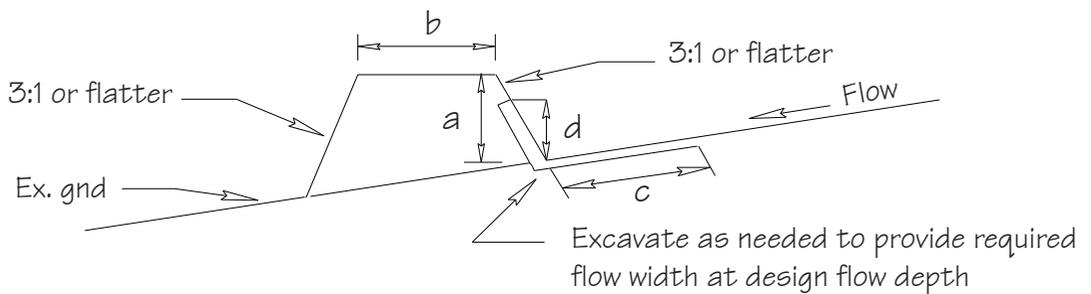


Temporary Earth Berm



Plan



Section A-A

	Type A (5 ac. or less.)	Type B (5-10 ac.)
a - BERM HEIGHT	18"	36"
b - BERM TOP WIDTH	24"	36"
c - FLOW WIDTH	4'	6'
d - FLOW DEPTH	8"	15"

Source:

Adapted from
MD Stds. & Specs. for ESC

Symbol:

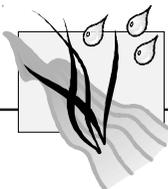
— TB-(A/B)(1-4) —>

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Standard Detail & Specifications

Temporary Earth Berm

FLOW CHANNEL STABILIZATION CHART

<u>Stabilization Method</u>	<u>Channel Grade</u>	<u>Type A</u>	<u>Type B</u>
1	0.5-3.0%	Seed with stab. blanket	Seed with stab. blanket
2	3.1-5.0%	Seed with stab. blanket	Seed with stab. blanket; sod; DE #2 stone
3	5.1-8.0%	Seed with stab. blanket; sod; DE #2 stone	Lined R-4 riprap
4	8.1-20%	Lined R-4 riprap	Engineering design

- Stone to be DE #2 stone in a layer at least 3 inches in thickness and underlain with GS-I geotextile.
- Riprap to be R-4 in a layer at least 8 inches thickness and underlain with GS-I geotextile.

Construction Notes:

- All berms shall be compacted by earth-moving equipment.
- All berms shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossing construction traffic.
- Field location should be adjusted as needed to utilize a stabilized safe outlet.
- Earth berms shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the berm channel or the drainage area above the berm are not adequately stabilized.
- Stabilization shall be: (a) In accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (b) Flow channel as per the chart above.
- Inspection and required maintenance shall be provided after each rain event.

Source:

Adapted from
MD Stds. & Specs. for ESC

Symbol:

— **TB-(A/B)(1-4)** →

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