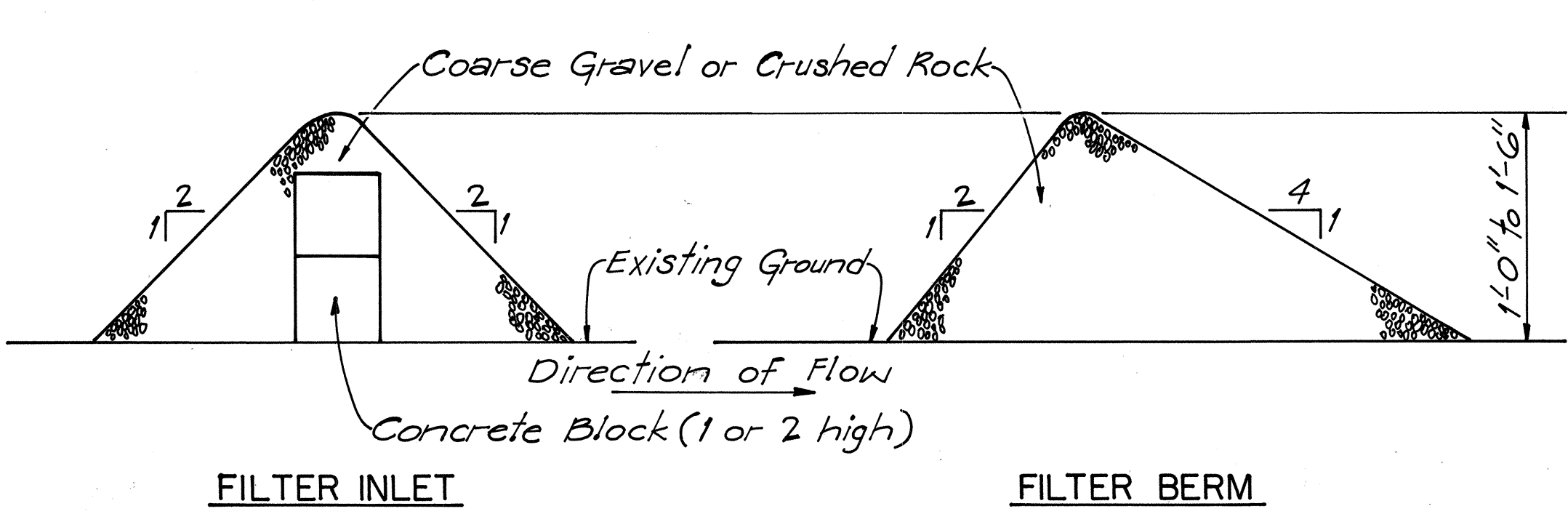


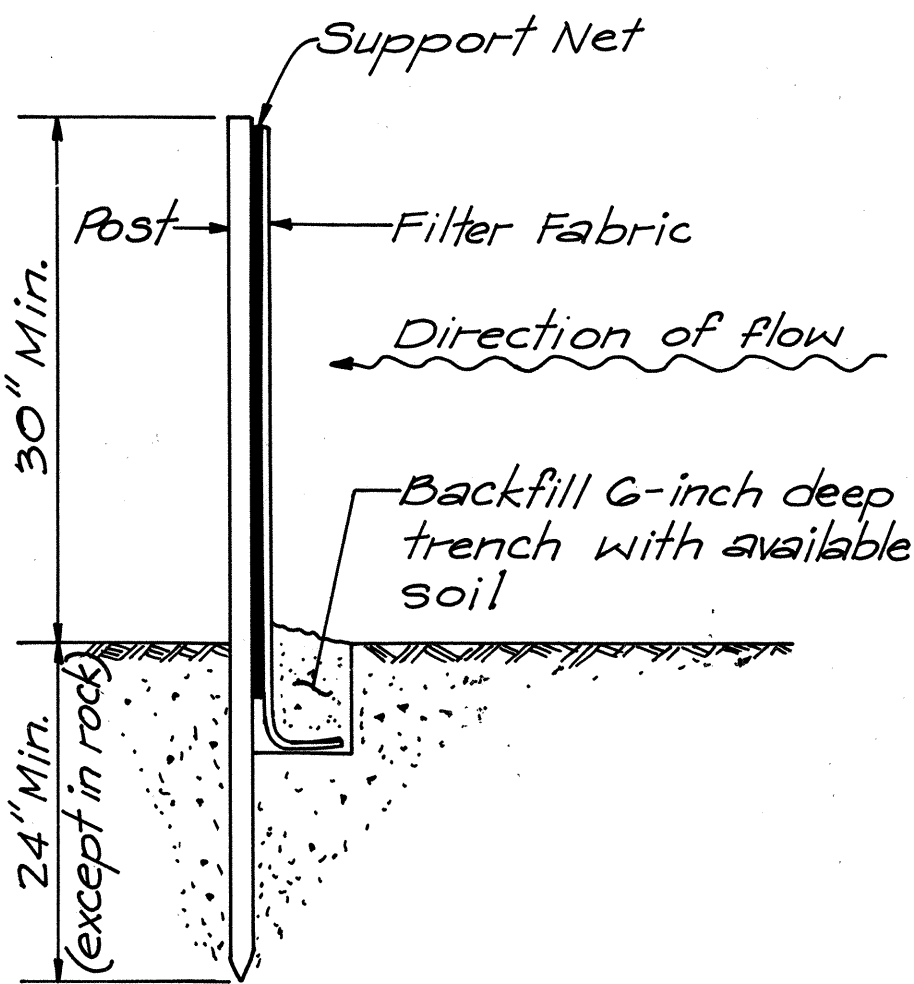
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(35)	1988	17	24

NOTES FOR GRADING

1. All grading work shall be done in accordance with Chapter 23, Grading, Soil Erosion & Sediment Control, of the Revised Ordinances of Honolulu, 1978, as amended (Ordinance No. 81-13)
2. All graded areas shall have "Temporary Ground Cover."
3. The Contractor shall remove all silt and debris resulting from his work and deposited in drainage facilities, roadways & other areas. The costs incurred for any necessary remedial action by the Chief Engineer (C & C, Dept. of Public Works) shall be payable by the Contractor.
4. The Contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance. The work shall be in conformance with the air pollution control standards and regulations of the State Department of Health.
5. All slopes & exposed areas shall be sodded or planted as soon as final grades have been established. Planting shall not be delayed until all grading work has been completed. Grading to final grade shall be continuous, and any area, within which work has been interrupted or delayed, shall be keyed.
6. Fills on slope steeper than 5:1 shall be keyed.
7. The City shall be informed of the location of the borrow/disposal site for the project when the application for a grading permit is made.
8. No grading work shall be done on Saturdays, Sundays & holidays at any time without prior notice to the Chief Engineer. (C & C, Dept. of Public Works).
9. The limits of the graded area shall be flagged before the commencement of the grading work.
10. All grading operations shall be performed in conformance with the applicable provisions of the Water Pollution Control & Water Quality Standards contained in the Public Health Regulations, State Department of Health, on Water Pollution Control & Water Quality Standards.
11. Temporary Erosion Control Procedures shall be submitted for approval prior to application for a grading permit.
12. Excavated material on site which will be exposed for more than 7 days shall be covered with plastic sheets within 2 days of placement or as directed by the Engineer.
13. Silt Fence shall be installed along the edges of open channels & ditches in order to filter sediment from runoff, before waters enter the channels.
14. The borrow/disposal site must fulfill the requirements of the grading ordinance.
15. Temporary erosion controls shall not be removed before permanent erosion controls are in-place and established.



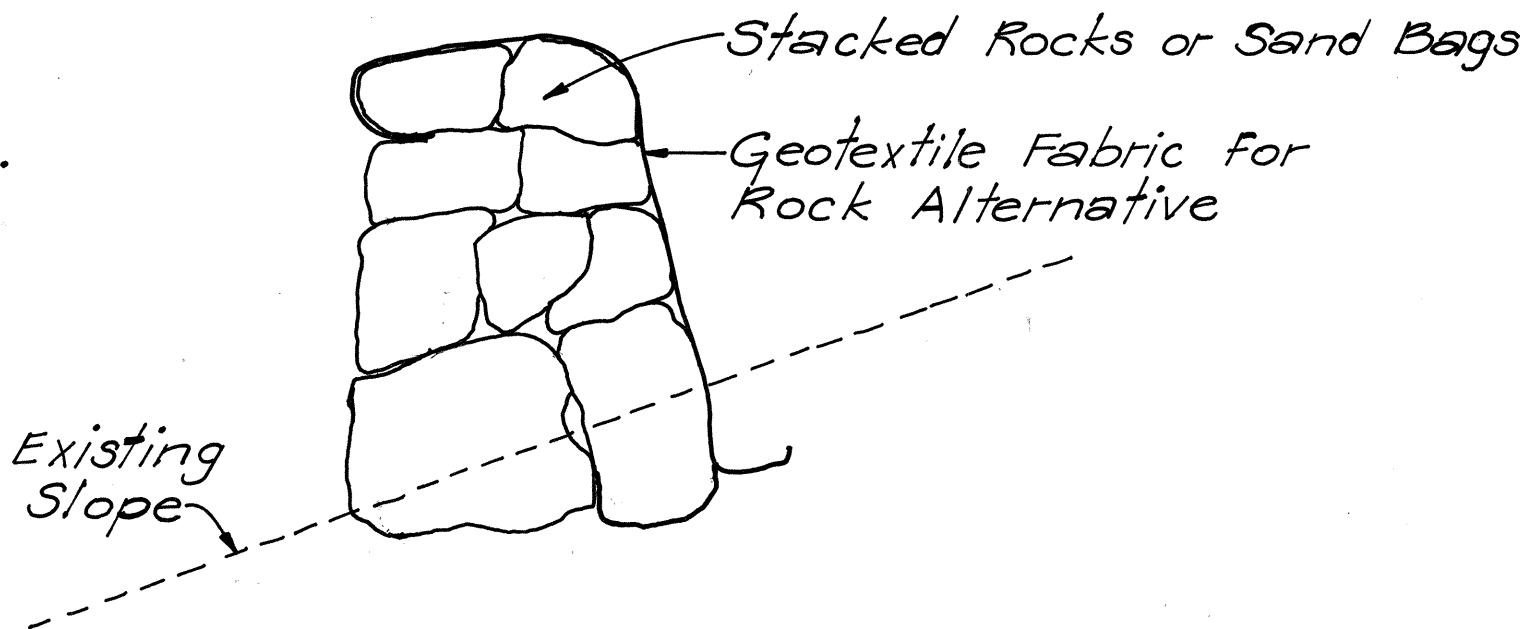
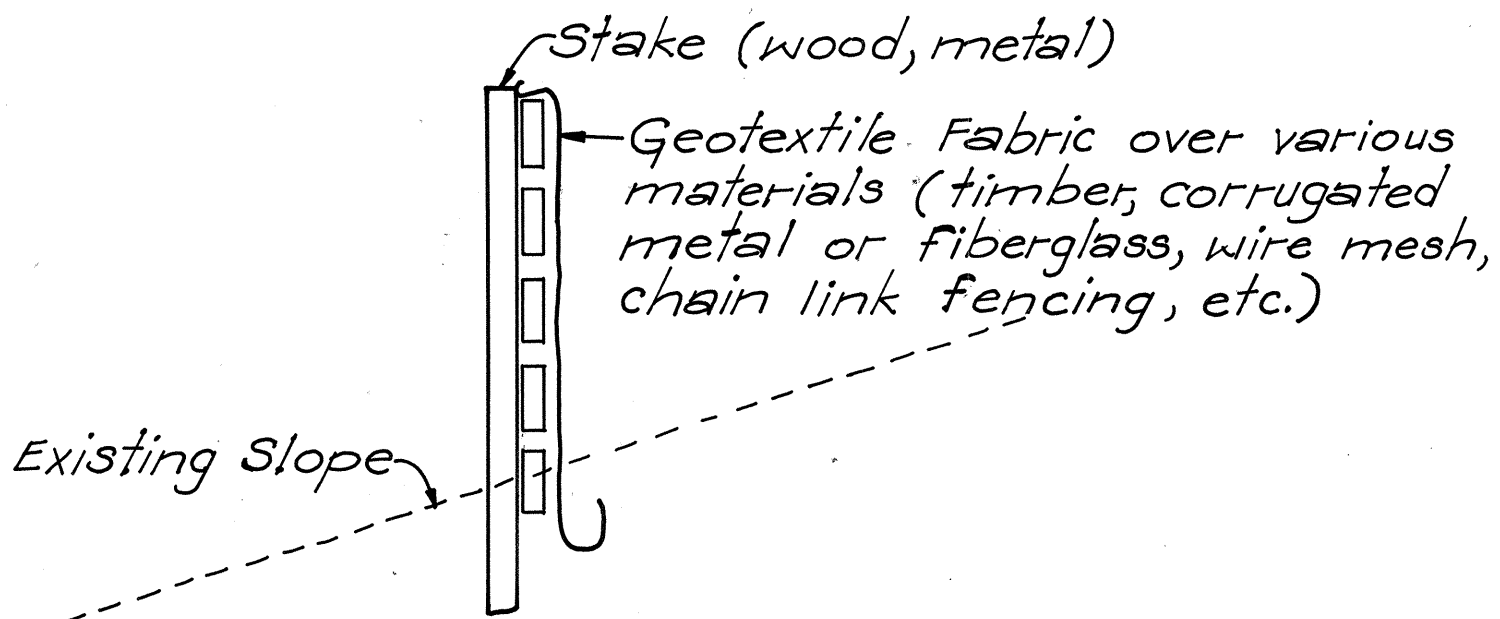
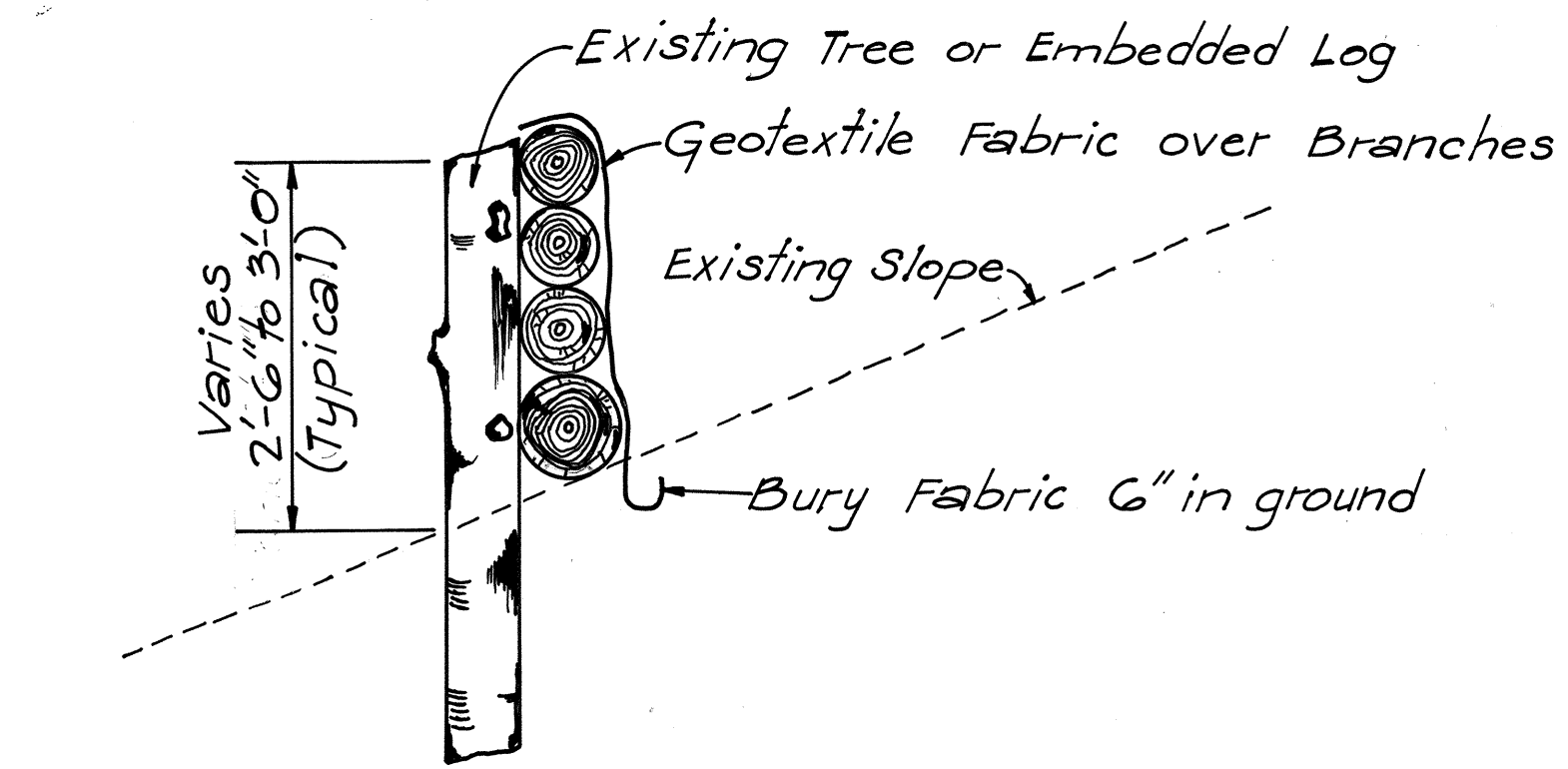
TEMPORARY EROSION CONTROL MEASURE
N.T.S.



SILT FENCE DETAIL
N.T.S.

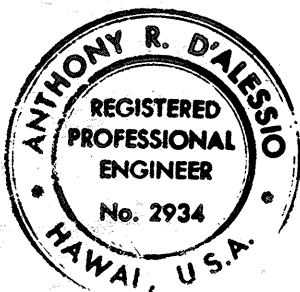
* Some manufacturers only supply silt fence with wooden posts. Precautions shall be taken to avoid damage from driving into hard ground or termites.

- NOTES:
- 1) Filter fabric shall be of the type specified and installed in combination with a support net of polyester netting or approved equal. The filter fabric shall be a minimum of 36 inches wide and the support net a minimum of 30 inches.
 - 2) If Silt Fence is obtained from manufacturer as a package (i.e. fabric attached to posts) the manufacturers installation instructions shall be adhered to.
 - 3) Posts shall be metal* wherever possible. Cross section of post will be substantial enough to support a loaded silt fence without bending. Post spacing shall be 4' to 8', depending on post size.



SEDIMENT CONTROL DEVICES
AND/OR ENERGY DISIPATER
N.T.S.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRAWN BY	
CHECKED BY	TRACED BY	
NO.	NOTED BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Anthony R. Dalesio

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
INTERSTATE ROUTE H-3	
NORTH HALAWA CONSTRUCTION ACCESS ROAD	
EROSION AND SEDIMENT CONTROL MEASURES	
SCALE: AS SHOWN	DATE: JULY 1987
SHEET NO. 1 OF 1 SHEETS	