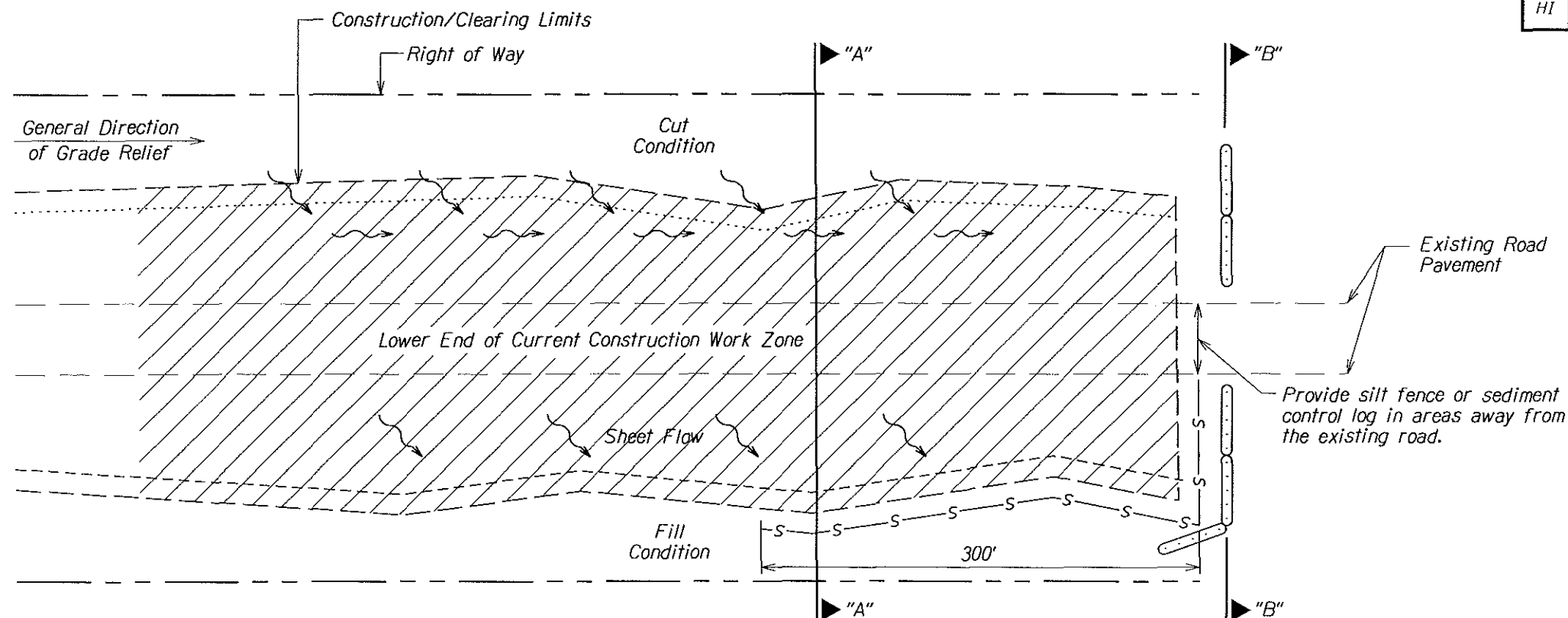


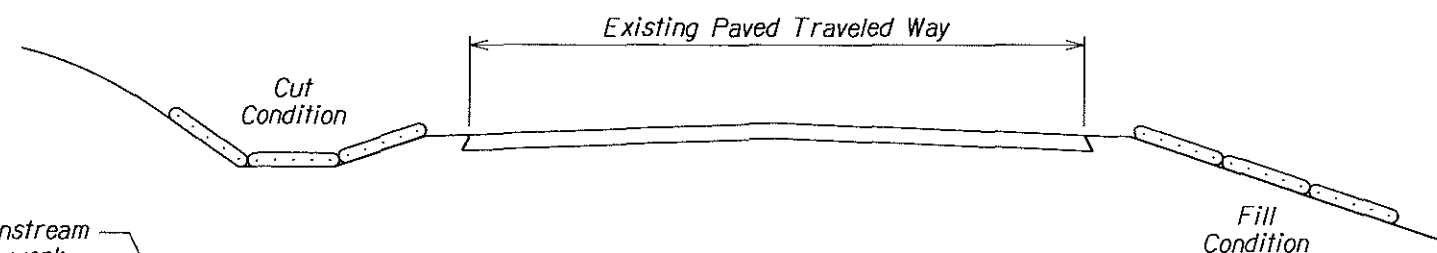
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) # 200(1)	F41	F43



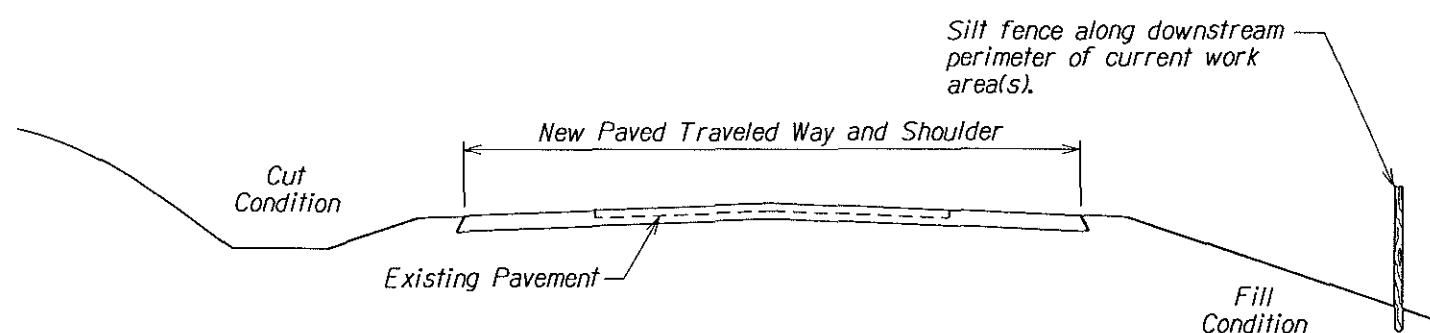
**TYPICAL EROSION CONTROL PLAN  
FOR LOWER PART OF  
CONSTRUCTION WORK ZONE**

- Notes:
1. Use this erosion control protection detail on lower end of all current construction work zones for stations 630+50 to 1165+00.
  2. Install silt fence per detail C157-1, or sediment control log per detail C157-35, along downstream perimeter of current work area(s) or construction-related disturbed areas.

- Legend:
- S Silt Fence or (Sediment Control Log)
  - Construction/Clearing Limits
  - ..... Top of Cut Slope
  - - - - - Toe of Fill Slope
  - - - - - Right of Way
  - ⊞ Sediment Control Log (or approved equal)
  - /// Lower End of Construction Work Zone



**SECTION "B-B"**



**SECTION "A-A"**

BRUCE K. MEYERS  
Licensed Professional Engineer  
No. 8336-C  
HAWAII, U.S.A.

The work was prepared by me or under my supervision and construction of this project will be under my direction.  
Expiration Date of License 4/05.

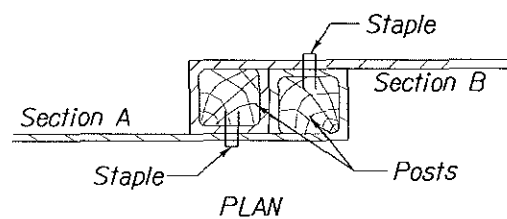
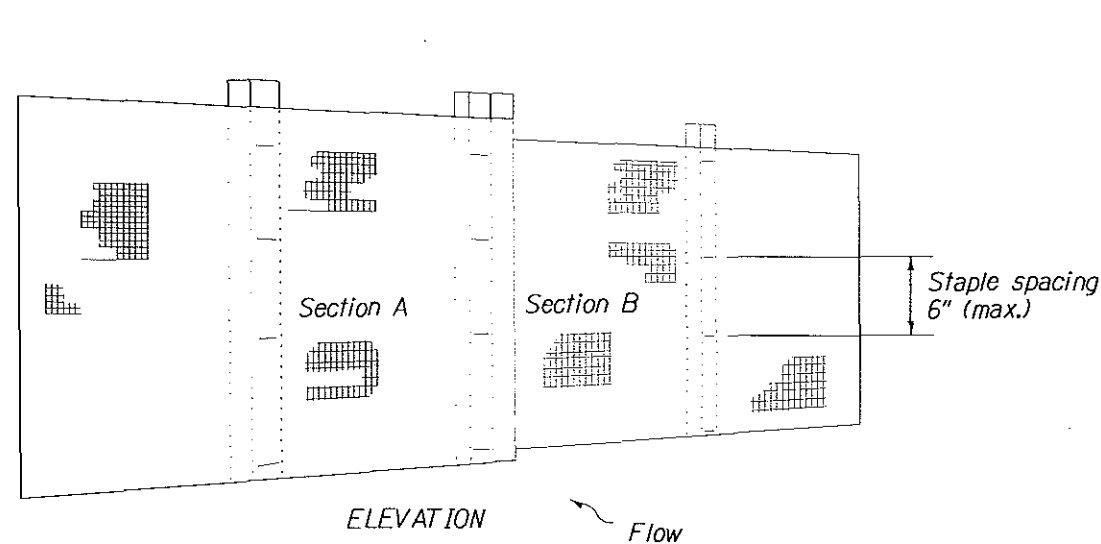
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**TYPICAL EROSION CONTROL PLAN  
FOR LOWER CONSTRUCTION  
WORK ZONE**

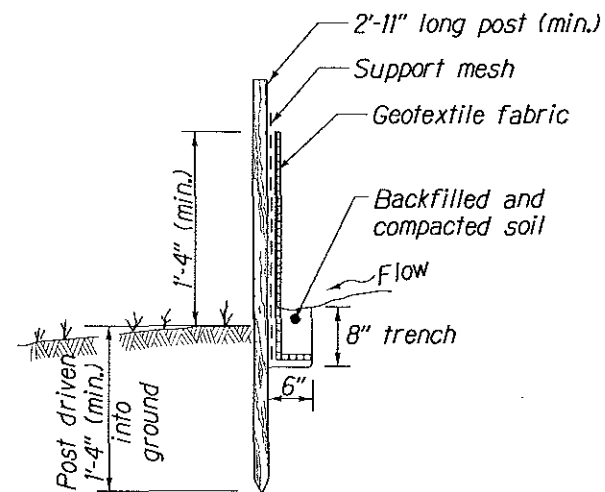
Scale: N.T.S.      Date: December 5, 2005

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) # 200(1)	F42	F43

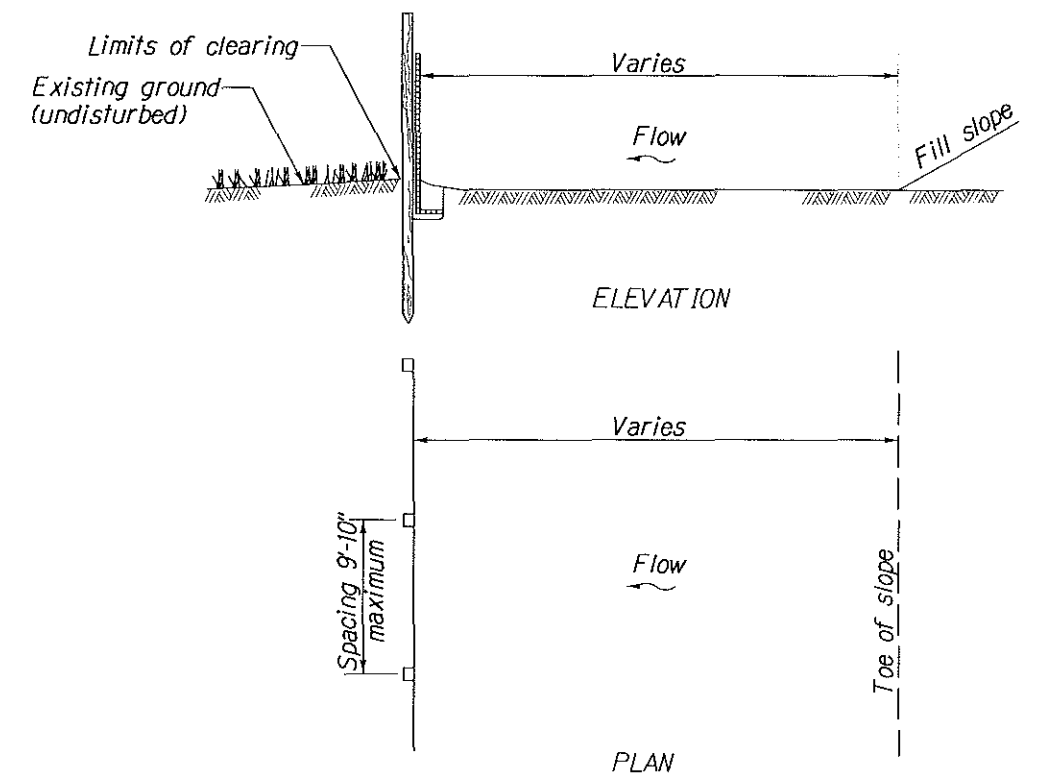


**JOINING TWO ADJACENT SILT FENCE SECTIONS**

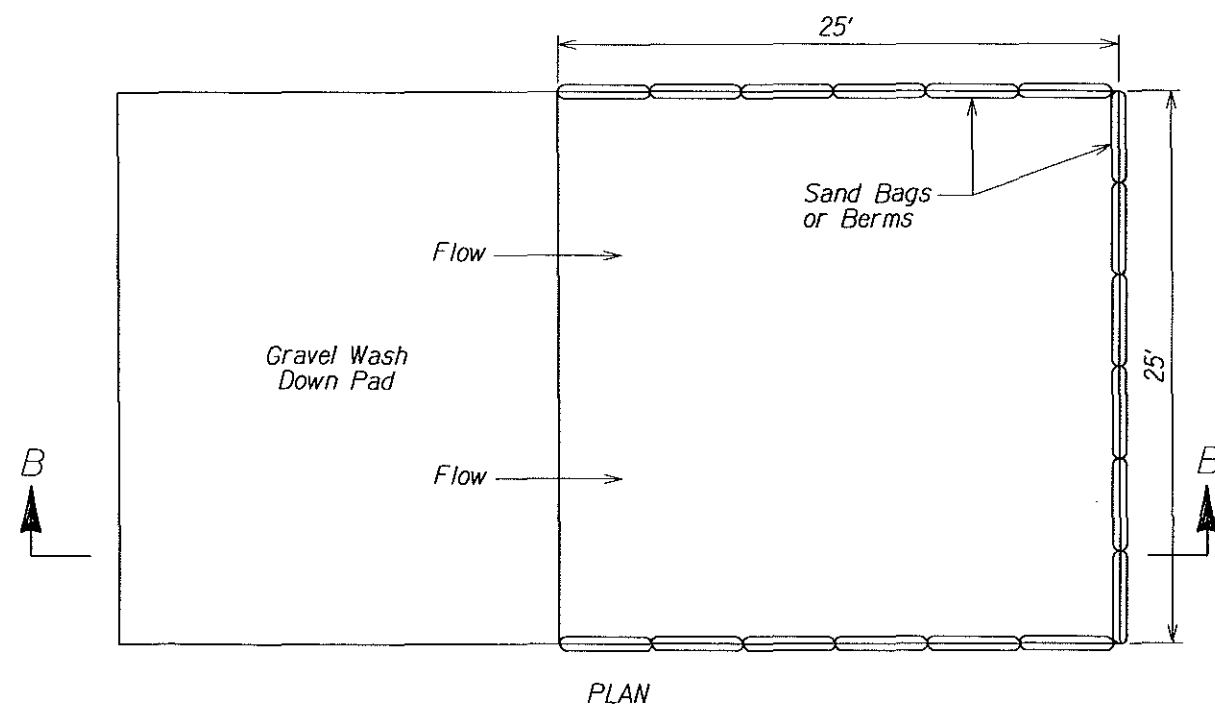


**POST AND FABRIC INSTALLATION DETAIL**

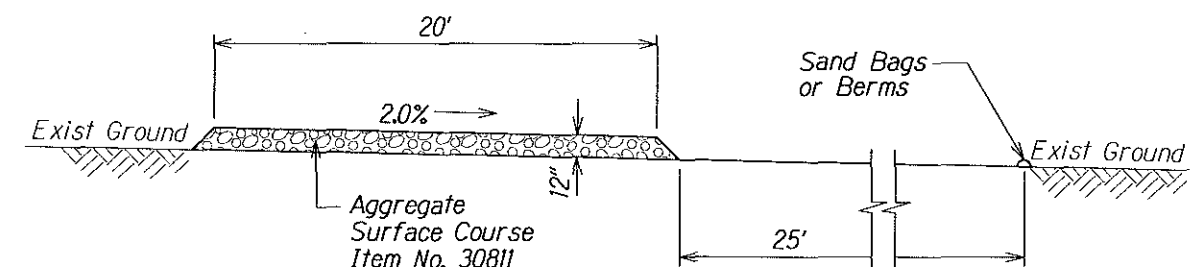
**NOTE:**  
Alternate pre-assembled silt fence options will be allowed as long as specified dimensions are satisfied. Follow manufacturer's information for installation procedures. Inform CO for approval.



**SILT FENCE INSTALLATION AT TOE OF FILL**

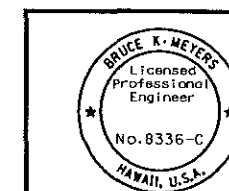


**WASH DOWN DETAIL**



**Note:**  
Obtain location approval from CO.

**SECTION B-B ELEVATION**



The work was prepared by me or under my supervision and construction of this project will be under my observation.  
Expiration Date of License: 12/31/2006

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**SPECIAL C157-1**  
**SILT FENCE #**  
**WASH DOWN DETAILS**

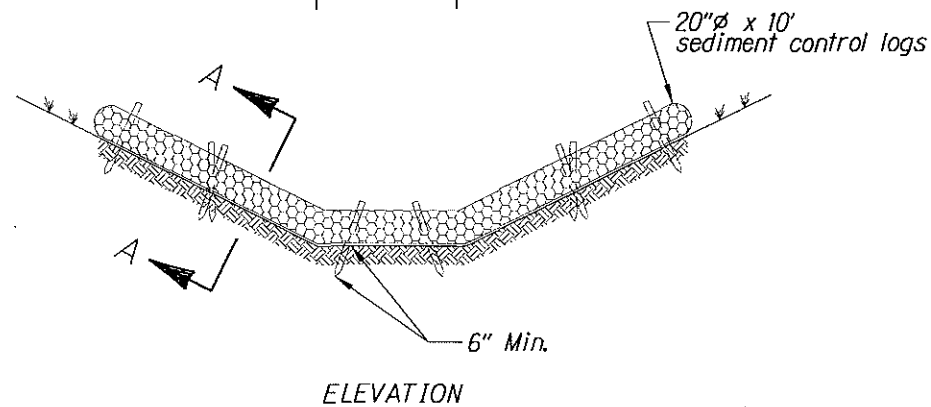
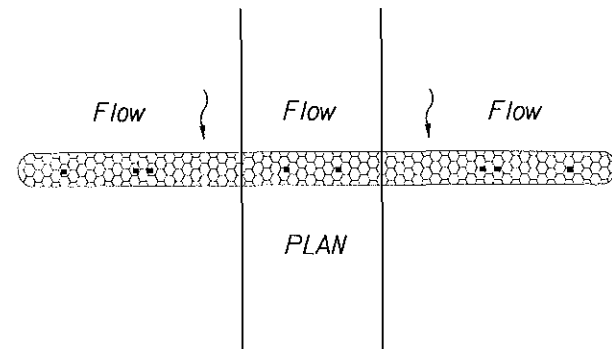
Scale: N.T.S.

Date: December 5, 2005

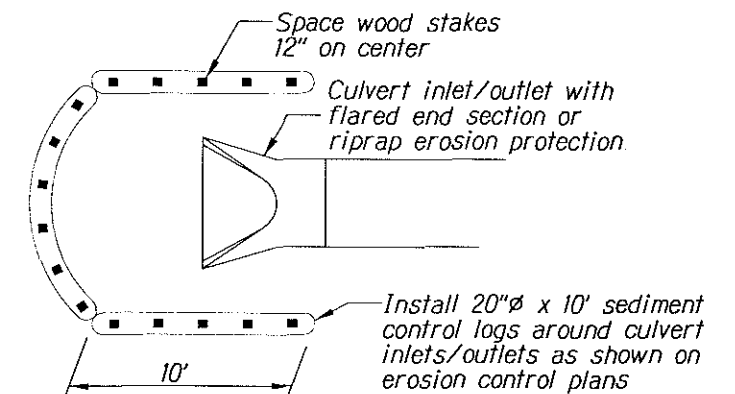
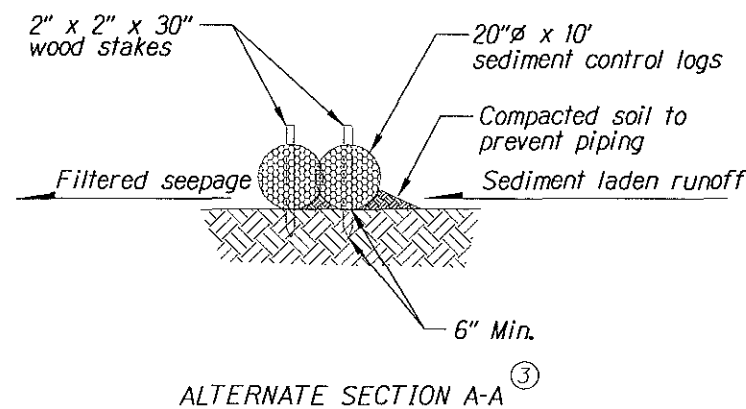
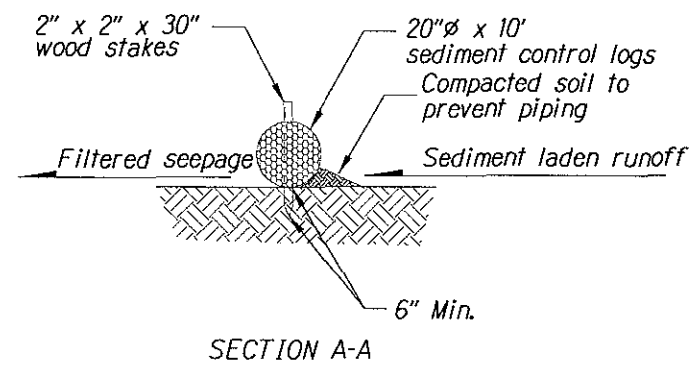
SHEET No. 1 OF 1

NOTE:

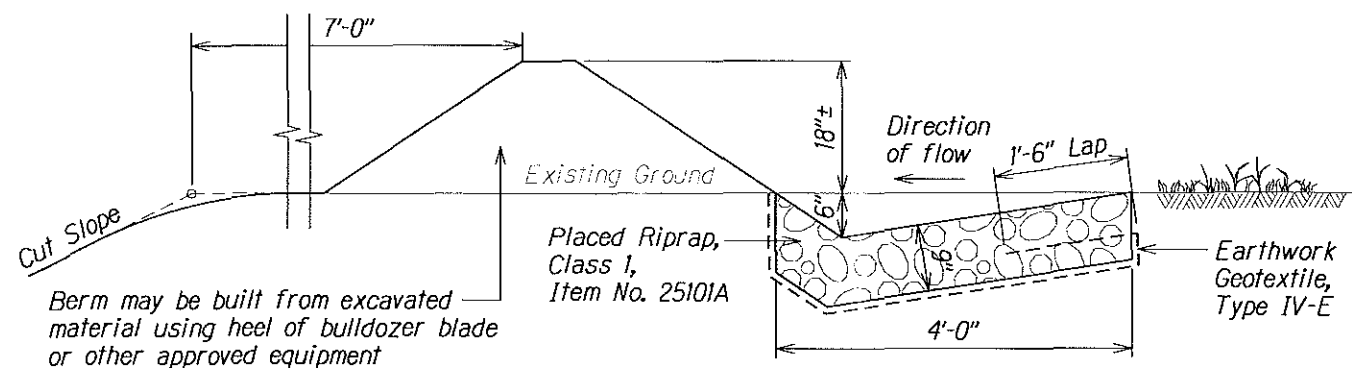
1. Stake sediment logs in place with 2"x2"x30" wood stakes space no less than 24" apart unless otherwise noted. Drive stakes into ground a minimum of 6".
2. Install sediment control logs directly on ground making sure bottom of log is in full contact with ground. Tamp soil backfill against upstream side of log to assure storm water is forced flow through log rather than under it.
- ③ Sediment control logs can be spaced every 100' in ditches with slopes > 5% when two logs are placed directly next to each other as shown Alternate Section A-A.



**INSTALLATION OF SEDIMENT CONTROL LOG IN DITCH AS CHECK DAM**

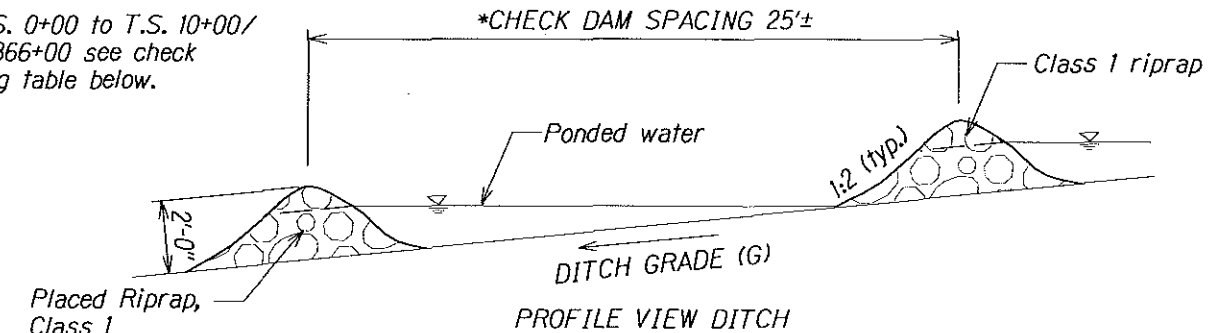


**CULVERT INLET/OUTLET SEDIMENT BARRIER**



**EARTH BERM DETAIL**  
Paid for Under Item Number 15706

\*Station T.S. 0+00 to T.S. 10+00/  
360+00 to 366+00 see check  
dam spacing table below.

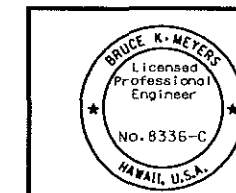


DITCH GRADE (G) **	CHECK DAM SPACING(S)
2%	75'-6"
3%	49'-3"
4%	39'-4"
5%	29'-6"
6%	24'-7"

\*\*Do not use Check Dams below 2% or above 6% ditch grades. Use erosion control mat, type 3 to line ditch bottom.

**CHECK DAM DETAIL**

Paid for Under Item Number 15709



The work was prepared by me or under my supervision and construction of this project will be under my direction.  
Expiration Date of License 4/06

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**SPECIAL C157-35/C157-6  
SEDIMENT CONTROL LOGS, EARTH  
BERM & CHECK DAM DETAILS**

Scale: N.T.S.

Date: December 5, 2005

SHEET No. 1 OF 1