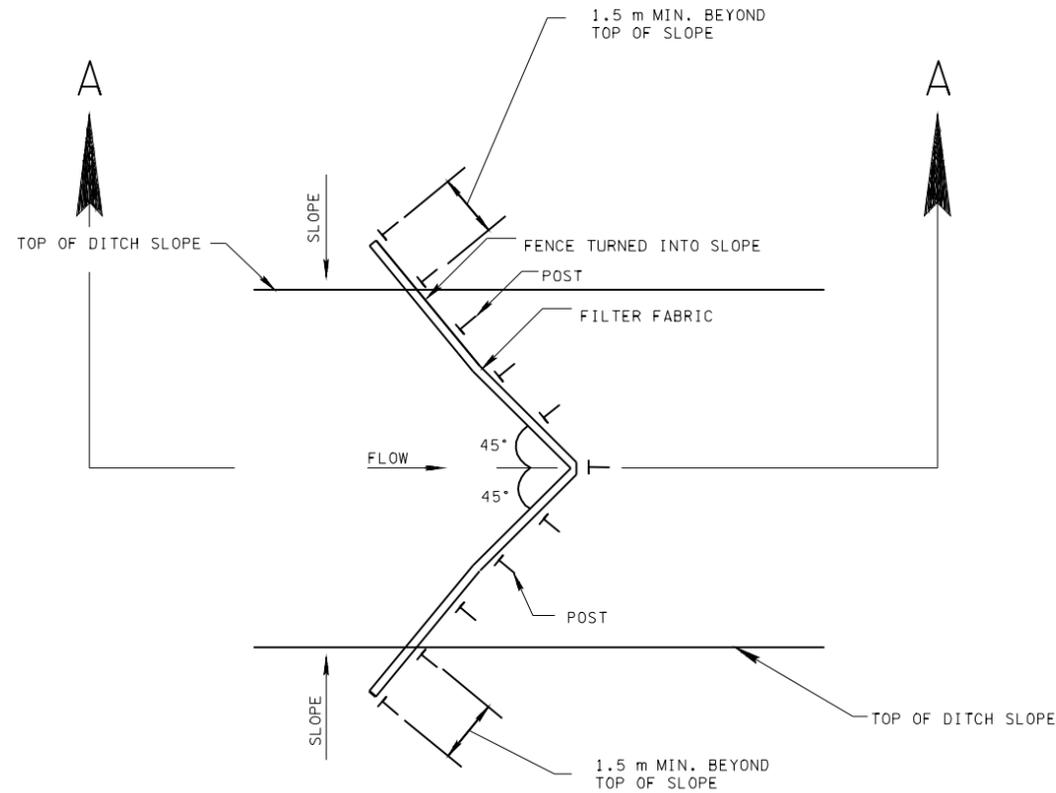
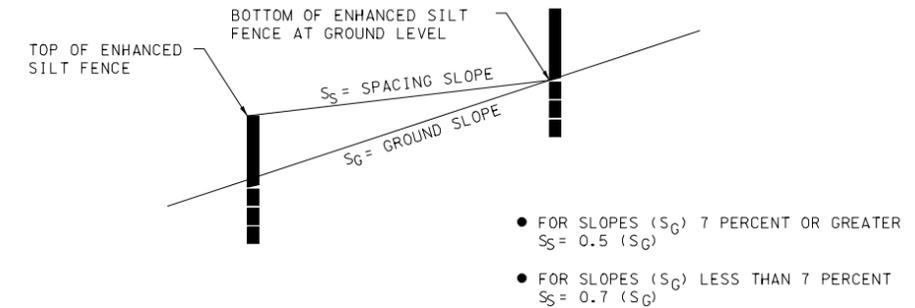


# TYPE EC IA



PLAN VIEW

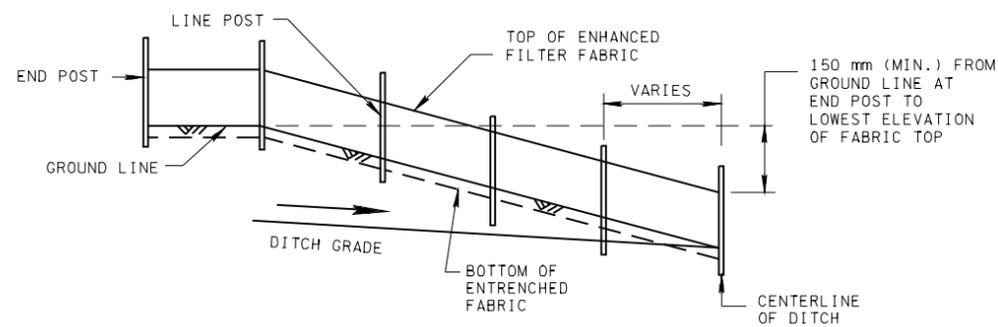
EROSION CONTROL PLAN LEGEND:  TEMPORARY TYPE EC IA FILTER BARRIER EROSION DITCH CHECK



SPACING FOR ENHANCED SILT FENCE

DITCH SIDESLOPES	* MAX. ALLOWABLE DESIGN PEAK FLOW FROM WATERSHED (L/SEC)
4:1	60.0
5:1	77.0
6:1	91.0
7:1	105.0
8:1	122.0
9:1	136.0
10:1	153.0

\* BASED ON 2445 LITERS PER MIN/m<sup>2</sup> ENHANCED SILT FENCE FABRIC AND MAXIMUM ALLOWABLE BACKWATER BEHIND FABRIC FENCE OF 600 mm. SEE TABLE 3 FOR ENHANCED SILT FENCE FABRIC SPECIFICATION ON STANDARD DRAWING ECM-STR-3D.



SECTIONAL VIEW A-A

(USE ENHANCED FILTER FABRIC AS DITCH CHECK AND FILTER)

## GENERAL NOTES

- (A) A DITCH WITH A TRIANGULAR CROSS-SECTION IS ASSUMED.
- (B) IF ANTICIPATED DITCH FLOWS EXCEED THE VALUES SHOWN IN THE TABLE THEN PROVIDE A DESIGNED SPILLWAY OR BYPASS FOR OVERFLOW. OTHERWISE, ALTERNATE CHECK OR FILTER STRUCTURES MUST BE USED (E.G., ROCK CHECK/FILTERS).
- (C) ANCHOR AND INSTALL TEMPORARY ENHANCED SILT FENCE PER DETAILS AND SPECIFICATIONS SHOWN ON STANDARD DRAWING ECM-STR-3D.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CHECK/FILTER USING ENHANCED SILT FENCE IN A TRIANGULAR CROSS-SECTION DITCH