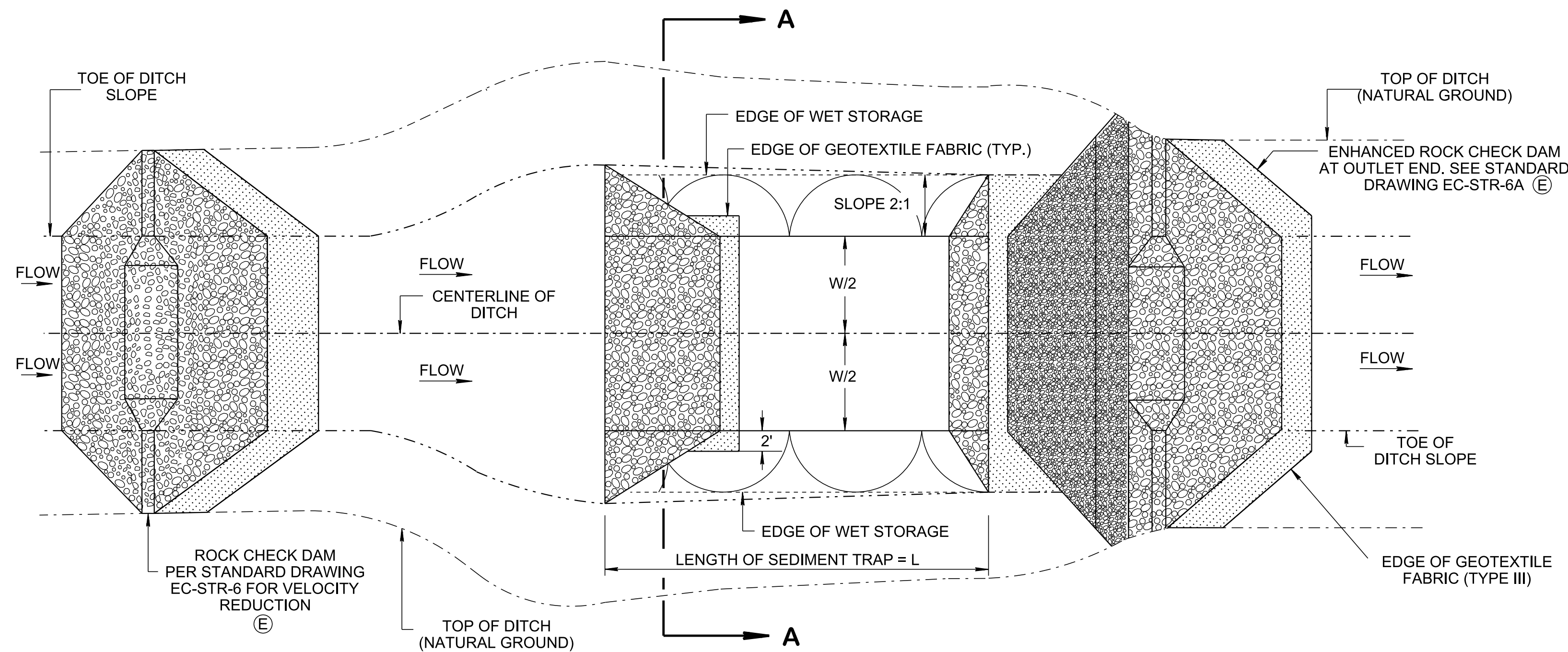
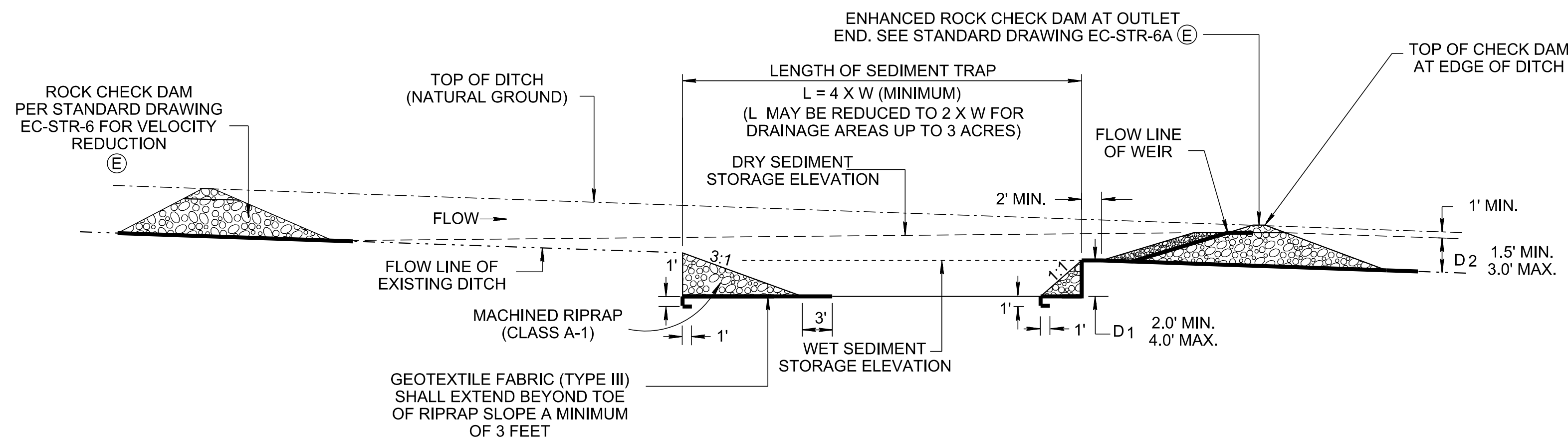


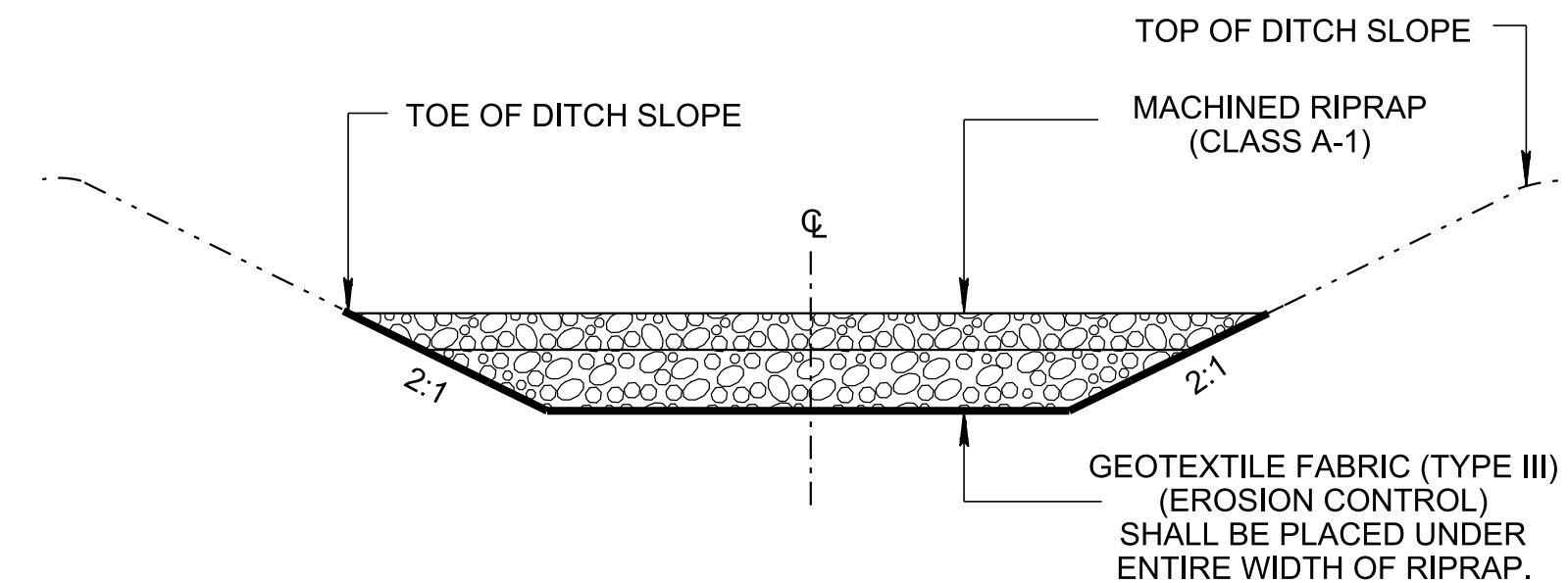
7/26/2022 1:32:45 PM  
P:\StandDraw\DESIGN STANDARDS\Standards Drawings Library\Standard Roadway Drawings - CURRENT\In Progress\10-108.00 Erosion Prevention and Sediment Control IP\ECSTR7-209



PLAN VIEW



PROFILE VIEW

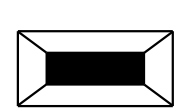


SECTION A - A

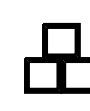
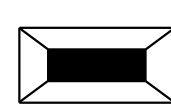
### SEDIMENT TRAP WITH CHECK DAM GENERAL NOTES

- (A) SEDIMENT TRAPS WITH CHECK DAMS DETAIN SEDIMENT LADEN STORMWATER RUNOFF FROM SMALL DISTURBED AREAS SO THE MAJORITY OF THE SEDIMENT CAN SETTLE OUT. SEDIMENT TRAPS WITH CHECK DAMS SHALL NOT BE USED IN STREAMS OR WETLANDS UNLESS PROVIDED FOR IN THE PERMITS.
- (B) THE DRAINAGE AREA FOR THE SEDIMENT TRAP SHALL BE 5 ACRES OR LESS.
- (C) THE BELOW GROUND SEDIMENT TRAP IS LOCATED IN A DITCH LINE AND WILL REQUIRE GEOTEXTILE FABRIC (TYPE III) AND RIP-RAP AT BOTH ENDS.
- (D) ONLY GEOTEXTILE FABRIC (TYPE III) LISTED ON THE QUALIFIED PRODUCTS LIST SHALL BE USED.
- (E) FOR INSTALLATION DETAILS AND ITEM NUMBERS FOR ROCK CHECK DAMS (EC-STR-6) AND ENHANCED ROCK CHECK DAMS (EC-STR-6A) REFER TO THEIR RESPECTIVE STANDARD DRAWING.
- (F) SEDIMENT TRAP WITH CHECK DAM SHALL BE PAID FOR UNDER THE FOLLOWING ITEM NUMBER:
- 209-10.20, TEMPORARY SEDIMENT TRAP, C.Y.
- ROCK CHECK DAMS AND ENHANCED ROCK CHECK DAMS SHALL BE PAID FOR ACCORDING TO THEIR RESPECTIVE STANDARD DRAWING.
- PAYMENT SHALL INCLUDE ALL MATERIALS, EXCAVATION, AND LABOR NECESSARY FOR CONSTRUCTION, MAINTENANCE, AND REMOVAL OF THE SEDIMENT TRAP WITH CHECK DAM.
- (G) SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE STRUCTURE AND PAID FOR UNDER ITEM NUMBER:
- 209-05, SEDIMENT REMOVAL, C.Y.
- (H) GABION CHECK DAM MAY BE SUBSTITUTED WHERE REQUIRED.

EROSION CONTROL PLAN LEGEND:



SEDIMENT TRAP WITH ENHANCED ROCK CHECK DAM,



SEDIMENT TRAP WITH GABION CHECK DAM

NOT TO SCALE

APPROVED BY FHWA  
(ALL OTHERS APPROVED BY TDOT)

STATE OF TENNESSEE  
STANDARD  
DRAWING  
DEPARTMENT OF TRANSPORTATION

SEDIMENT TRAP  
WITH  
CHECK DAM

10-26-1992

EC-STR-7

REV. 12-18-95: CHANGED DRAWING NO. FROM EC-STR-7 TO EC-STR-7.

REV. 5-27-01: CHANGED ITEM NOS. 209-10.01 THROUGH 209-10.19 TO 209-10.20.

REV. 9-5-01: CORRECTED NOTE REGARDING GEOTEXTILE FABRIC IN SECTION A-A AND SECTION B-B.

REV. 12-18-02: CHANGED GENERAL NOTE (D).

REV. 1-22-03: CORRECTED GENERAL NOTE B. ADDED ADDITIONAL GEOTEXTILE FABRIC TO PROFILE VIEW.

REV. 7-29-04: ADDED ROCK CHECK DAM TO PLAN AND PROFILE VIEWS. CHANGED GENERAL NOTE (B).

REV. 4-15-06: REFORMATTED SHEET, REVISED NOTES, MISC. EDITS TO DRAWING.

REV. 4-1-08: REMOVED TEMPORARY REFERENCE, CHANGED SILT SCREEN TO ENHANCED CHECK DAM, ADDED GABION ALTERNATE, REVISED NOTES, MISC. DRAWING EDITS.

REV. 8-1-12: MINOR EDITS TO GENERAL NOTES.

REV. 05-04-22: REVISED GENERAL NOTE (B) AND LENGTH OF SEDIMENT TRAP ON PROFILE VIEW. REMOVED EC-STR-55 REFERENCE FROM GENERAL NOTES (E) AND (H) REDREW SHEET.