DETAIL G-1-3  RIPRAP OUTLET  
SEDIMENT TRAP ST-III

STANDARD SYMBOL

ST-III

MAXIMUM DRAINAGE AREA = 10 ACRES

ISOMETRIC VIEW

DISCHARGE TO STABLE AREA OR RECEIVING CHANNEL

CHANNEL SIDE FORMED BY COMPACTED EMBANKMENT OR EXCAVATION INTO EXISTING GROUND

FLARE APRON EQUAL TO 1.5 TIMES THE OUTLET WIDTH (b) AT ENDING POINT

SECTION A--A

19 IN MIN. THICKNESS OF CLASS 1 RIPRAP

4 FT MAX. EMBANKMENT

1 FT MIN.

EXCAVATE FOR WET STORAGE AS REQUIRED

EMBED NONWOVEN GEOTEXTILE MIN. 6 IN INTO GROUND

WET STORAGE ELEVATION

SECTION B--B

a -- DEPTH OF OUTLET
b -- BOTTOM WIDTH OF OUTLET

1 FT MIN.

APRON LENGTH 10 FT MIN.

EXISTING GROUND

CLASS 1 RIPRAP

TOP OF EMBANKMENT OR EXISTING GROUND

MAX. 2:1 SLOPE

NONWOVEN GEOTEXTILE

TOP OF COMPACTED EMBANKMENT MIN. 1 FT ABOVE TOP OF RIPRAP LINING

19 IN MIN. THICKNESS OF CLASS 1 RIPRAP

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL RESOURCES CONSERVATION SERVICE 2011

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION