SECTION A-A

OUTLET AS REQUIRED
SEE NOTES 1 & 2.

PLAN

DELWARE
DEPARTMENT OF TRANSPORTATION

PERIMETER DIKE / SWALE

STANDARD NO. E-12 (2001)

SHT. 1 OF 1

APPROVED

RECOMMENDED

01/18/04

E-12 (3001)

SHOWS: SWALE STABILIZATION

SYMBOL  SWALE  TYPE OF
GRADE   TREATMENT

A-1  0.5-2.0%  SEED AND EROSION

A-2  2.2-8.0%  CONTROL BLANKET

A-3  6.0-20%  LINED R-4 RIPRAP

MAXIMUM DRAINAGE AREA: 2 ACRES (0.8 ha)

NOTES:

0. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT

TRAPPING DEVICE.

2. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN
UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.

3. IF PERIMETER DIKE SWALES ARE TO BE OPERATIONAL FOR MORE THAN 180 DAYS,
THEY SHALL BE STABILIZED IN ACCORDANCE WITH CHART A PRIOR TO BECOMING
OPERATIONAL.

4. IF TEMPORARY SWALES OR CLEAN WATER DIVERSIONS ARE TO BE OPERATIONAL
FOR LESS THAN 180 DAYS, THEY SHAIL BE STABILIZED WITH GEOTEXTILE IN
ACCORDANCE WITH THE STANDARD DETAIL "GEOTEXTILE-LINED CHANNEL DIVERSION".

PLAN SYMBOL

A-1

A-1 (CDW)

CLEAN WATER DIVERSION