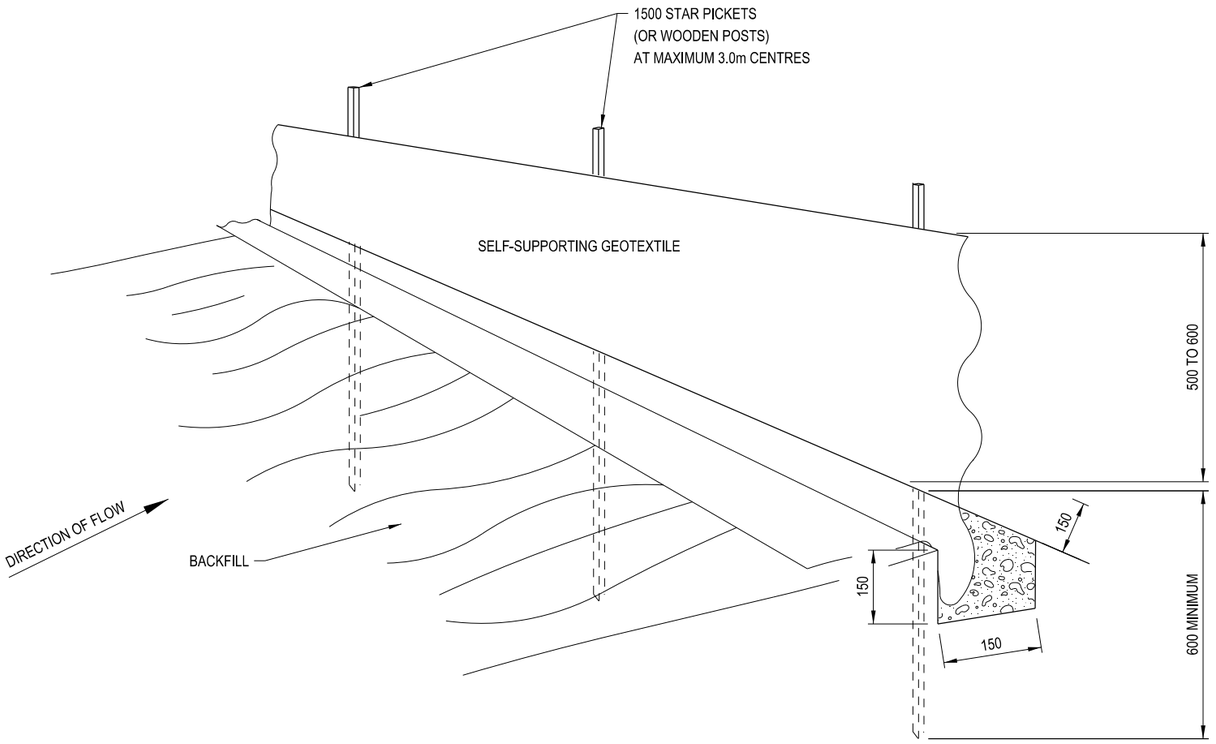

DETAIL OF SILT FENCE

NOTES

1. DRIVE 1.5m LONG STAR PICKETS OR WOODEN POSTS INTO GROUND, 3.0m APART.
2. DIG A 150 DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE GEOTEXTILE TO BE ENTRENCHED AND SUITABLY COMPACTED TO PREVENT SCOURING.
3. BACKFILL TRENCH OVER BASE OF GEOTEXTILE.
4. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. USE ONLY APPROVED GEOTEXTILE MATERIAL SUITABLE FOR SEDIMENT CONTROL.

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50mm ON A3 SIZE ORIGINAL

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN

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A3

ROAD DESIGN ENGINEERING
R0100 SOIL AND WATER MANAGEMENT SERIES
TEMPORARY EROSION CONTROL SILT FENCE

SHEET 1 OF 2

STANDARD DRAWING No.	REV.	STATUS	EDMS No.	ORIGINAL ISSUE DATE
R0100-07	-	ISSUED	DS2014/005781	JANUARY 2017

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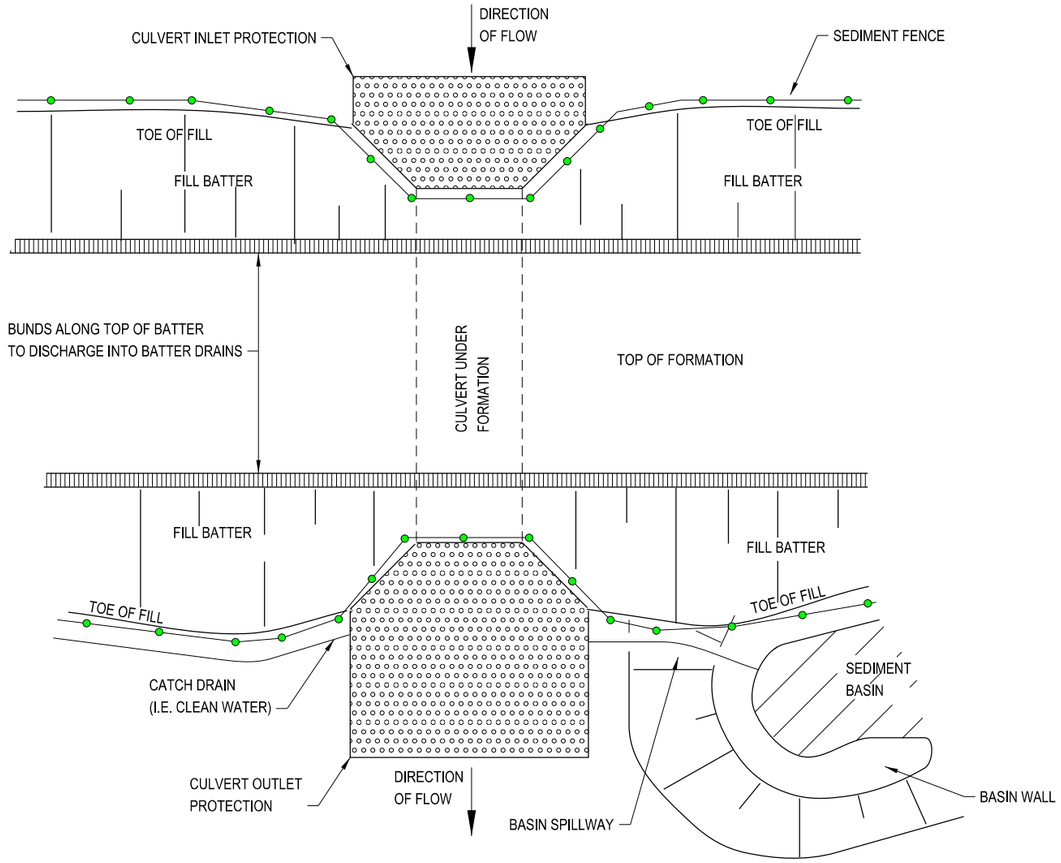
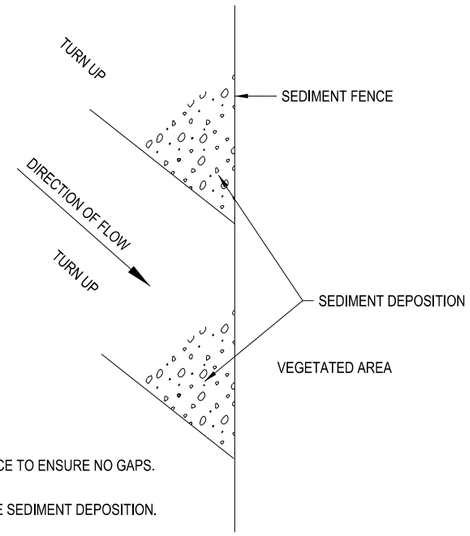
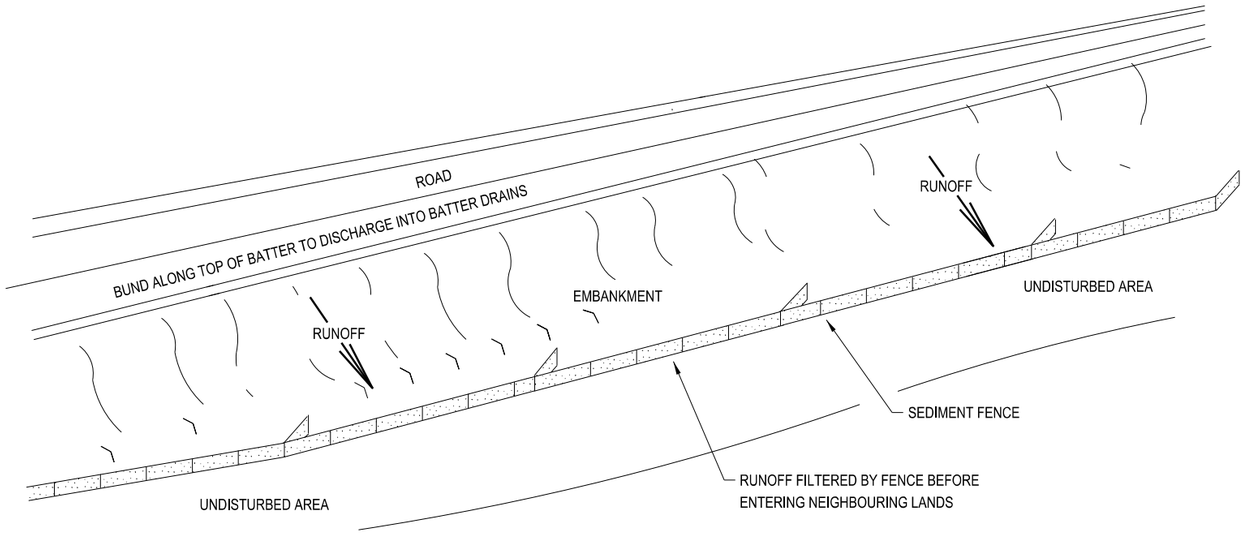




TURNUPS TO BE:

- ATTACHED TO MAIN FENCE TO ENSURE NO GAPS.
- MINIMUM 3 METRES.
- AT AN ANGLE TO ENSURE SEDIMENT DEPOSITION.

DETAIL OF TURNUPS



GENERAL FEATURES OF ROADWAY EROSION AND SEDIMENTATION CONTROL

NOTES

1. SEDIMENT FENCES TO BE ERECTED ALONG A TERRAIN CONTOUR TO FILTER RUNOFF UNIFORMLY ALONG THE FENCE.
2. THE ENDS OF FENCES TO BE TAPERED UPHILL TO CONTAIN THE BUILDUP OF SEDIMENT.
3. CONCENTRATED FLOWS TO A SMALL AREA OF THE FENCE TO BE AVOIDED SO THAT CAPACITY ALONG THE ENTIRE LENGTH IS MAINTAINED.
4. FENCES TO HAVE A STABLE OVERFLOW POINT IN THE EVENT FLOW RATES EXCEED THE CAPACITY TO FILTER WATER.
5. FENCES HAVE THE FOLLOWING DESIGN LIMITS FOR OPTIMUM FUNCTION:
   (I) THE AREA DRAINING TO THE FENCE IS 0.6 HECTARES OR LESS:
   (II) THE MAXIMUM SLOPE LENGTH ABOVE THE FENCE IS 60 METRES.
6. IF IT IS NECESSARY TO CONSTRUCT A FENCE ACROSS THE SLOPE, TURN-UPS SHOULD BE INSTALLED AS SHOWN IN DETAIL.
7. FENCES TO BE INSPECTED AFTER STORM EVENTS AND REPAIRED AS REQUIRED.

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TEMPORARY EROSION CONTROL SILT FENCE

SHEET 2 OF 2

STANDARD DRAWING No. R0100-07 | REV. -

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