NOTES

1. DRIVE 1.5m LONG STAR PICKETS OR WOODEN POSTS INTO GROUND, 3.0m APART.
2. DIG A 1.5M 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 POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
5. USE ONLY APPROVED GEOTEXTILE MATERIAL SUITABLE FOR SEDIMENT CONTROL.

DETAIL OF SILT FENCE
**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 30 METRES.
6. IF IT IS NECESSARY TO CONSTRUCT A FENCE ACROSS THE SLOPE, TURNUPS SHOULD BE INSTALLED AS SHOWN IN DETAIL.
7. TURNUPS SHOULD BE INSTALLED AS SHOWN IN DETAIL.
8. FENCES TO BE INSPECTED AFTER STORM EVENTS AND REPAIRED AS REQUIRED.

**GENERAL FEATURES OF ROADWAY EROSION AND SEDIMENTATION CONTROL**

- Sediment fences to be erected along a terrain contour to filter runoff uniformly along the fence.
- Ends of fences to be tapered uphill to contain the buildup of sediment.
- Concentrated flows to a small area of the fence to be avoided so that capacity along the entire length is maintained.
- Fences to have a stable overflow point in the event flow rates exceed the capacity to filter water.
- Fences have the following design limits for optimum function:
  1. The area draining to the fence is 0.6 hectares or less.
  2. The maximum slope length above the fence is 30 metres.
- If it is necessary to construct a fence across the slope, turnups should be installed as shown in detail.
- Turnups should be installed as shown in detail.
- Fences to be inspected after storm events and repaired as required.