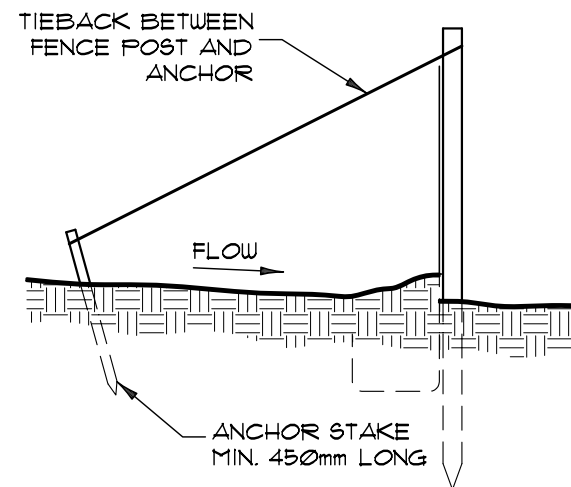
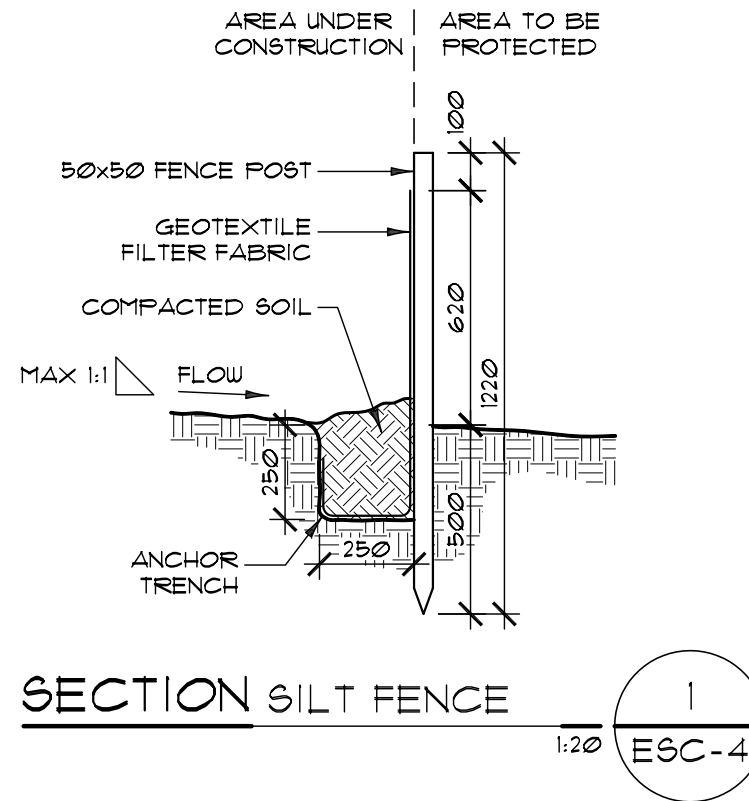


## INSTRUCTIONS

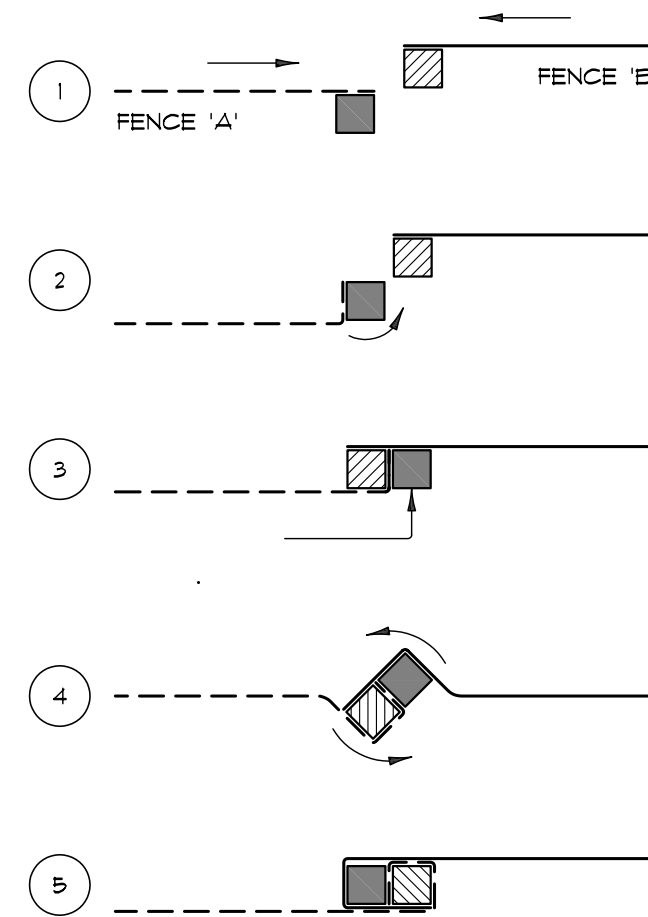
- STEP 1: DIG A 250mm x 250 mm TRENCH
- STEP 2: ROLL OUT FABRIC MATERIAL ALONG THE TRENCH ENSURING THAT FENCE POSTS ARE ON THE DOWNSTREAM SIDE OF THE TRENCH.
- STEP 3: STARTING AT ONE END, DRIVE THE FIRST STAKE APPROXIMATELY 500mm INTO SOIL. ATTACH FILTER FABRIC TO POST SUCH THAT FABRIC EXTENDS 600mm ABOVE SOIL. REMAINDER OF FABRIC TO EXTEND INTO TRENCH.
- STEP 4: PLACE THE NEXT POST A MAXIMUM OF 1800MM FROM THE FIRST POST. PULL FILTER FABRIC TAUT BEFORE FASTENING TO FENCE POST.
- STEP 5: REPEAT STEP 4 UNTIL SILT FENCE IS INSTALLED.
- STEP 6: WHEN ATTACHING TWO SILT FENCES, USE THE METHOD ILLUSTRATED IN DETAIL A.
- STEP 7: BACKFILL THE TRENCH AND COMPACT SOIL.

ADDITIONAL SUPPORT FOR UNSTABLE SOILS CAN BE OBTAINED USING TIE BACK ANCHOR ILLUSTRATED IN DETAIL B.



## DETAIL TIE BACK

(WHEN ADDITIONAL SUPPORT REQUIRED)



## DETAIL FENCE JOINT

## NOTES

1. THESE FIGURES ARE PROVIDED FOR GUIDANCE ONLY. A SITE SPECIFIC DESIGN MAY BE REQUIRED FROM THE DESIGNER OR ENGINEER.
2. GEOTEXTILE FILTER FABRIC TO BE ATTACHED TO FENCE USING STAPLES (MIN. 25mm IN LENGTH) OR WIRE.
3. WHERE POSSIBLE, CONSTRUCT SILT FENCE FROM ONE CONTINUOUS ROLL. WHERE JOINTS ARE NECESSARY REFER TO DETAIL 'A'.
4. INSPECT FENCE ONCE EACH WEEK AND FOLLOWING ANY SIGNIFICANT STORM EVENT. INSPECT SILT FENCE FOR SEDIMENT, TEARS, LOOSE FABRIC ATTACHMENT, CHANNEL EROSION BENEATH FENCE, SAGGING OR COLLAPSE, AND TO ENSURE THE FENCE POSTS ARE FIRMLY IN THE GROUND. REPAIR AS NECESSARY.
5. SEDIMENT TO BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED 1/3 THE HEIGHT OF THE FILTER FABRIC.
6. FOR SLOPES BETWEEN 50:1 AND 5:1, THE MAXIMUM UPSTREAM FLOW PATH LENGTH IS 30.5m. FOR SLOPES OF 2:1 AND STEEPER, THE MAXIMUM IS 6m. MAXIMUM SLOPE SHOULD NOT EXCEED 1:1.

PROJECT NO.	PROJ_NO
DATE	07/13/05
DRAWN BY	GTL
CHECKED BY	MP
DRAWING TITLE	STANDARD SILT FENCE DETAILS
PROJECT NAME	EROSION AND SEDIMENTATION CONTROL PRACTICES
ENGINEERING LIMITED	650 Riverbend Drive Kitchener, ON, Canada, N2K 3S2 Tel: 519 743 8777 Fax: 519 743 8778 Email: office@enermodal.com
DRAWING NO.	ESC-4
SCALE	AS SHOWN

