

APPLICATION NOTES:

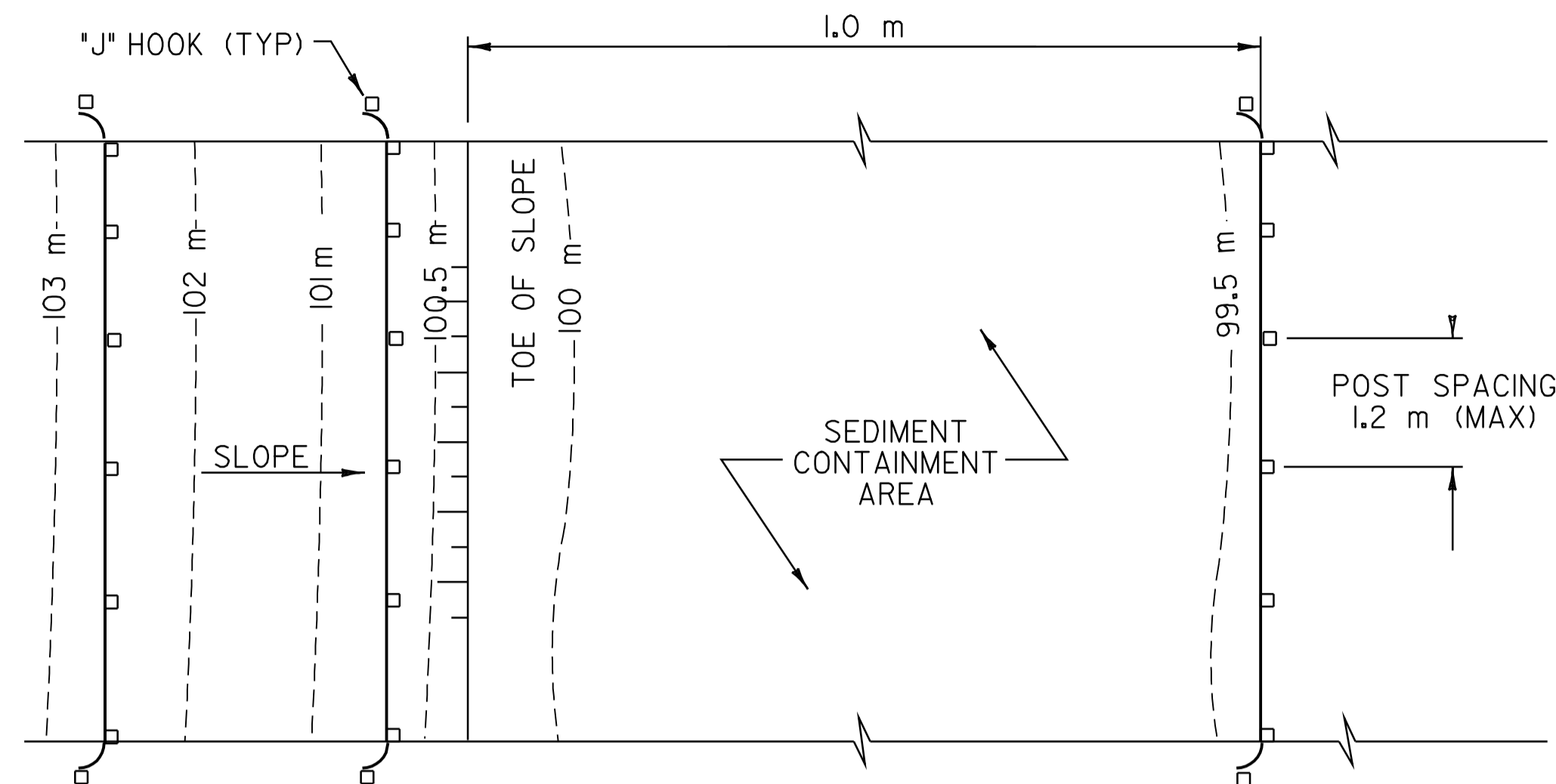
- A. THE PRIMARY PURPOSE OF SILT FENCE IS TO REDUCE RUNOFF VELOCITY AND TRAP SEDIMENT. VELOCITY IS REDUCED, WATER IS IMPOUNDED BEHIND THE MEASURE, AND SEDIMENT FALLS OUT OF SUSPENSION.
- B. SILT FENCE SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION (CONTOUR). IT MAY BE INSTALLED AT INTERMEDIATE POINTS UP SLOPES AS WELL AS AT THE BOTTOM AS SHOWN IN THE DETAIL.
- C. SILT FENCE SHALL NOT BE USED ACROSS CONCENTRATED FLOW.

GENERAL NOTES:

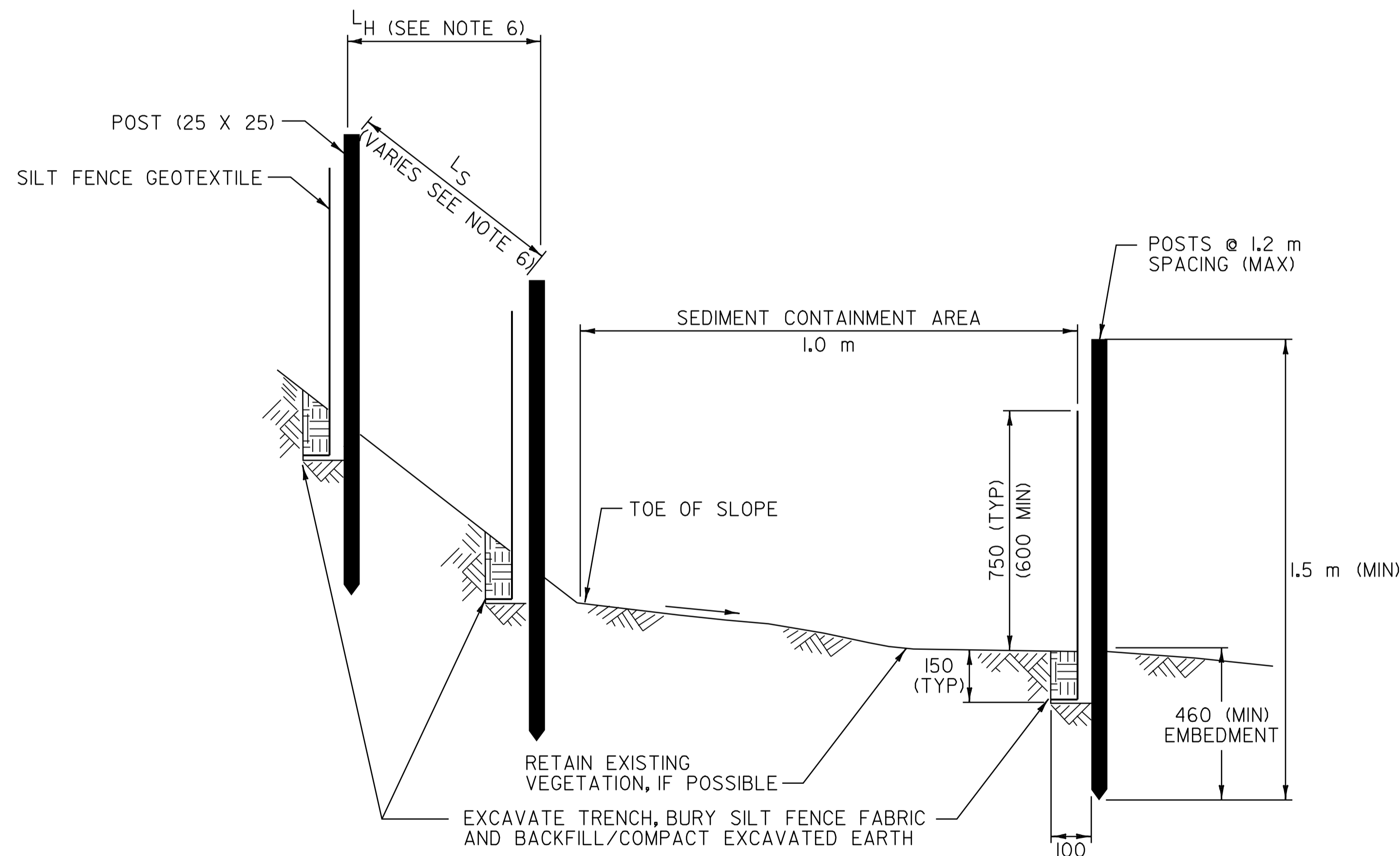
- 1. SILT FENCE SHALL GENERALLY BE PLACED A MINIMUM OF 1.0 m BEYOND TOE OF SLOPE, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
- 2. ALL ENDS SHALL BE "J" HOOKED TO TRAP SEDIMENT.
- 3. IN AREAS WITH TWO SLOPES, SILT FENCE SHALL BE USED TO ERECT A DAM AND TRAP SEDIMENT AT THE BASE OF THE STEEPER SLOPE.
- 4. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 150 mm BELOW GROUND AND KEYED IN 100 mm. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
- 5. MAXIMUM DRAINAGE AREA TRIBUTARY TO 30 m OF SILT FENCE SHALL BE 0.1Ha.
- 6. THE FOLLOWING ARE MAXIMUM SLOPE LENGTHS FOR THESE MEASURES:

CONSTRUCTED SLOPE (H:V)	SLOPE LENGTH (L _S) m	HORIZONTAL LENGTH (L _H) m
2 : 1	15	13
3 : 1	25	24
4 : 1	40	39
5 : 1	60	60
> 5 : 1	80	80

- 7. MEASURES SHALL BE INSPECTED DAILY AND WITHIN 24 HOURS OF A STORM EVENT 12 mm OR GREATER OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
- 8. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED, SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
- 9. SILT FENCE SHALL BE REMOVED WHEN THE AREA HAS BEEN STABILIZED. AT TIME OF REMOVAL OF THE SILT FENCE, THE DISTURBED AREA SHALL BE REPAIRED AND STABILIZED.
- 10. PAYMENT FOR INSTALLATION AND REMOVAL OF SILT FENCE SHALL BE MADE UNDER 649.5I, GEOTEXTILE FOR SILT FENCE.
- 11. PAYMENT FOR MONITORING SILT FENCE SHALL BE MADE UNDER ITEM 652.20 MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN.
- 12. PAYMENT FOR MAINTAINING SILT FENCE SHALL BE MADE UNDER ITEM 652.30 FIELD MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.



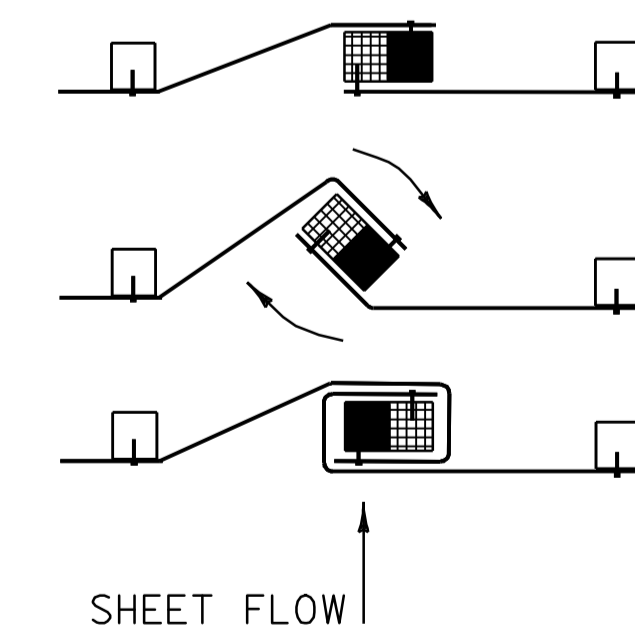
PLAN



**SECTION
SILT FENCE - TEMPORARY**

N.T.S.

STANDARD SYMBOL



SPlicing DETAIL

N.T.S.

- 1. PLACE THE END POST OF ONE FENCE INSIDE THE END POST OF THE OTHER FENCE.
- 2. ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
- 3. DRIVE BOTH POSTS 450 mm INTO THE GROUND AND BURY THE FLAP IN THE TRENCH.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

<p>TEMPORARY EROSION PREVENTION & SEDIMENT CONTROL DETAILS #2</p>	SURVEYED BY <u>L.R.S.C.</u> DATE <u>10/04</u>
	DRAWN BY <u>C.A.K.</u> DATE <u>4/05</u>
	SQUAD LEADER <u>D.E.G.</u>
	DESIGN FILE NO. <u>/pave/98b098/pb098.dgn</u>
	IPARM FILE <u>pdl04escd2.dgn</u> DATE PLOTTED <u>\$DATE\$</u>
	PROJ. NAME <u>WALLINGFORD</u>
	PROJ. NO. <u>NH 2108(I)S & STP EHO4(6)</u>
	SHEET <u>97 OF 110</u> SHEETS

DATUM	
VERTICAL	<u>NAVD 88</u>
HORIZONTAL	<u>NAD 83 (1996)</u>