WOODLAND TRUST

SPECIFICATION NO: 3.14

Fencing – Mild steel stockproof

1 NORMAL USAGE

1.1 Suitable for situations where a general stockproof fence is required and where a high tensile stockproof fence would be difficult to erect. Examples would be areas where long straight runs are not possible and/or where the ground is very undulating, requiring a large number of strainers, short lengths of fencing and/or fencing with numerous changes of direction.

2 MATERIALS AND CONSTRUCTION

Straining posts	2.13m x 15cm minimum top diameter	(7ft x 6")
Struts	2.13m x 10cm top diameter round post	(7ft x 4")
Intermediate	1.68m x 8-10cm minimum top diameter round post (5ft 6" x 3-4")	
Netting	Type C/8/80/15	
Line wire	8g plain mild steel	
Top wires	Two of 2 ply 12.5g barbed wire	
Staples	To be 3cm (1½") 8g	
Finished height	Approximately 1.09m (3ft 7")	

Construction

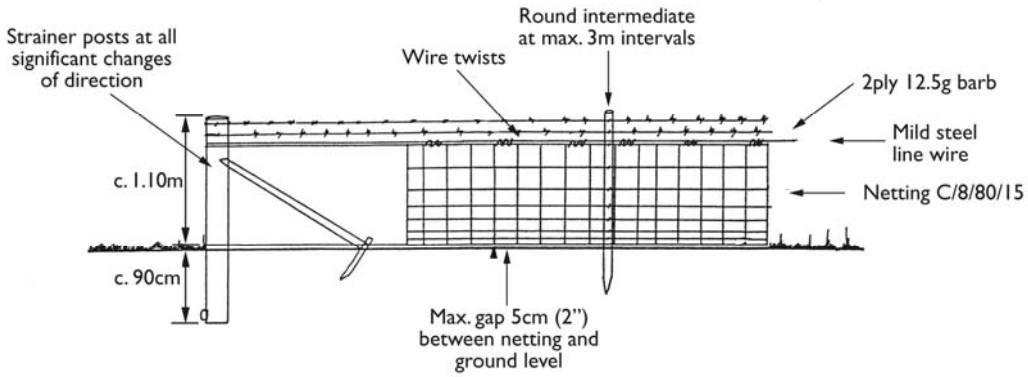
Strainer posts to be situated at change of direction (either horizontal or vertical) and at a maximum interval of 50m (166ft) in a straight run. Dug in 90cm (3ft) and the earth firmly compacted layer by layer.

Struts notched and nailed to straining posts. Strainer struts to be notched one third of the distance from the top of the strainer to the ground. The bottom of the strut to be dug 30cm (1ft) into the ground and fixed with a post or large stone (not an intermediate post). The strainer to be strutted in the direction of the fence line.

The netting to be fixed with a maximum gap of 5cm (2") between the bottom of the net and the ground. The line wire to be positioned and properly strained 3cm (1") above the top of the netting and clipped to the

top wire of the netting in at least two places between each pair of intermediate posts, using wire twists or "Gordian" ring fasteners. All line wires to be joined at a straining post. The "top wires" to be positioned so that the lower strand is 10cm (4") above netting and the upper strand 15cm (6") above the lower.

3 DIAGRAM



4 FURTHER GUIDANCE NOTES

4.1 When assessing the work for tendering, the Contractor will consider the following and if necessary discuss the requirement with the Supervising Officer to adopt the following and quote accordingly:

- In difficult ground conditions, e.g. soft peat, loose gravel or shallow bedrock, it may be necessary to concrete in straining posts or use a box strainer assembly.
- Longer intermediate posts may also be necessary in soft conditions.

5 POSSIBLE AMENDMENTS

5.1 Where the public may walk near to or adjacent to the fencing or it is used at a viewing point, a high tensile plain top wire can be placed on the "public" side of the section of fence affected to prevent accidental injury. If this is not felt to be sufficient to prevent accidental injury, the barb wire should be replaced by high tensile wire. See diagram below:

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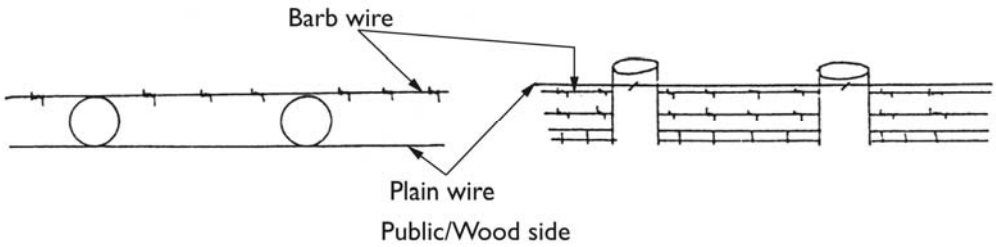

5.2 Where horses are likely to come into contact with the fence, the barb wire top wires should be replaced with high tensile plain wires. An "inner" barb top wire can also be used in this situation if climbing of the fence needs to be discouraged. See diagram below: