

RECTANGULAR WIRE MESH AND HEXAGONAL WIRE NETTING FENCING TO BS 1722 PART 2

NOTES:

NOTES (To be read in conjunction with Drg No SD/3/9.)

GENERAL

1. All dimensions are in millimetres unless otherwise stated .
2. BS 1722 Part 2 applies unless otherwise stated.

MATERIALS

1. All timber shall comply with specification clause 304 and Appendix 3/2.
2. Round timber posts to the dimensions specified in Table 7 of BS 1722 Part 2 may be used with the Engineer's permission.
3. The base of timber straining posts and struts will be cut square across.
4. Timber intermediate posts will be pointed for driving.
5. All fittings are to be galvanised to BS 729 except netting rings, hog rings and staples which shall be zinc coated to comply with BS 443.
6. Wire diameters will be those specified in Table 2 of BS 1722 Part 2.
7. Concrete for post footings to be class C10P.

ERECTION

1. Where the fence forms a boundary between a highway and private property the wire shall be fixed to the highway side.
2. Timber straining posts and struts where concrete is not specified will be backfilled with suitable material and well rammed as filling proceeds. The holes in this case will be as small as practicable to allow proper compaction. When not set in concrete the lengths of straining posts and struts will be increased by 300mm and posts set 300mm deeper in the ground.
3. Holes for straining posts where concrete is specified will be not less than 450mm square and holes for struts not less than 450mm long by 300mm wide. They will have vertical sides.
4. The holes for straining posts and struts will be filled up to half their depth with concrete. The concrete will be well rammed as filling proceeds After the concrete has hardened the remainder of the hole will be filled with earth and well rammed as the filling proceeds.
5. Holes for concrete intermediate post will have vertical sides and be large enough to allow a minimum 75mm concrete surround. Concrete placed as for straining posts.

6. Straining posts will be provided at all ends and corners, at acute changes in level and at intervals on the straight not exceeding that shown on the drawing. Struts will be fitted to straining posts in the direction of each line of fence.
7. Timber struts will be fitted into a notch in the straining post and securely nailed with two 125 x 5 nails. The notch must be within the top third of the post showing above ground level.
8. Timber intermediate posts will be driven to a depth of at least 600mm .
9. The woven wire will be attached and strained by means of round or flat stretcher bars attached to the straining posts by not less than 3 hook bolts.
10. The top and bottom wires and at least one intermediate wire as near to the centre as possible will be attached to concrete intermediate posts by 'hair pin' staples.
11. All horizontal wires will be attached to timber intermediate posts by 40mm x 4mm staples.
12. Hexagonal wire netting shall be stretched hand tight between posts and attached to line wires by wire ties, netting rings or hog rings spaced approximately 450mm apart. The netting shall be secured to each post at the top, middle and bottom by 'hair pin' staples for concrete posts and a single staple for timber posts

Rev.	Description	Drawn	Ch'kd	Auth	Date



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Highway Construction Details

Fencing

Drawing Title **Rectangular Wire Mesh and Hexagonal Wire Netting Fencing To BS 1722 Part 2- Notes**

Drawing No. **SD/3/8**

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