

CHAIN LINK FENCING

NOTES:

NOTES (To be read in conjunction with Drg No SD/3/7)

GENERAL

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

MATERIALS

1. Concrete for post footing to be class C10P.
2. Plastic coatings will be black, dark grey or dark green, as specified in the contract, uniform on all parts of the fence.
3. All fittings are to be galvanised to BS 729, except staples and hog rings which shall be zinc coated to comply with BS 443.
4. Zinc coated chain link fence and line wires shall be as specified in Table 1 of BS 1722 Part 1. Zinc coated to comply with BS 443.
5. Plastic coated chain link mesh and line wires shall be Grade A as specified in Table 2 of BS 1722 Part 1 and comply with clauses 2604 and 2605.
6. Zinc coated tying wire will be used with zinc coated line wire and zinc coated chain link mesh.
7. Plastic coated tying wire will be used with plastic coated line wire and chain link mesh.

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. Line wires shall be strained tightly to the straining posts by means of eye bolts. Eye bolts to intermediate straining posts will be fitted with ring nuts.
8. Line wires will be attached to intermediate posts by means of 'hair pin' staples.
9. Chain link mesh will be strained between each pair of straining posts by means of stretcher bars and then attached to the line wires by wire ties 150mm apart on the top wire and 450mm apart on the remaining wires.

ERECTION

1. Where the fence forms a boundary between a highway and private property the wire shall be fixed to the highway side.
2. Plastic coated material will be rejected where damage has occurred to the coating before or during erection. Minor defects must be sprayed with an approved plastic paint within 24 hours of erection.
3. Holes for straining posts will not be 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 a minimum of half their depth with concrete. The concrete will be well rammed as filling proceeds. Before the concrete has hardened the remainder of the hole will be filled with earth and well rammed as the filling proceeds.
5. Holes for intermediate posts will have vertical sides and be of sufficient size to allow a 75mm surround of concrete. The concrete to be placed as for straining posts.



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 DEPARTMENT OF HIGHWAYS TRANSPORTATION AND WASTE MANAGEMENT	TITLE:	STANDARD DRAWING	FENCING	DRAWING NUMBER	DATE			
		CHAIN LINK FENCING TO BS 1722 PART 1	NOTES	SD/3/6	SEPTEMBER 2002			
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				K:\GENERAL\ID9997\STDDRG\SD36	NOT TO SCALE	Rev	Date	Notes on Revision