

FENCE - Timber Posts (B.S. 1722 Part 5)

FENCES, STILES & **GATES**

E	MAY 04
D	MAY 01
С	MAR 98
В	AUG 93
Α	DEC 91
Issue	Date

ACCOMMODATION WORKS TIMBER PALISADE AND CLOSE BOARDED FENCES

Drawing No.

NOTES 1. B.S. 1722 Part 5 applies

of posts, rails, palisades and

Part 5 as appropriate to the

height and type of fence and with any other requirements described in Appendix 1/15

supported in rammed backfill unless otherwise stated in

feather edged board fitting shall be taken from B.S. 1722

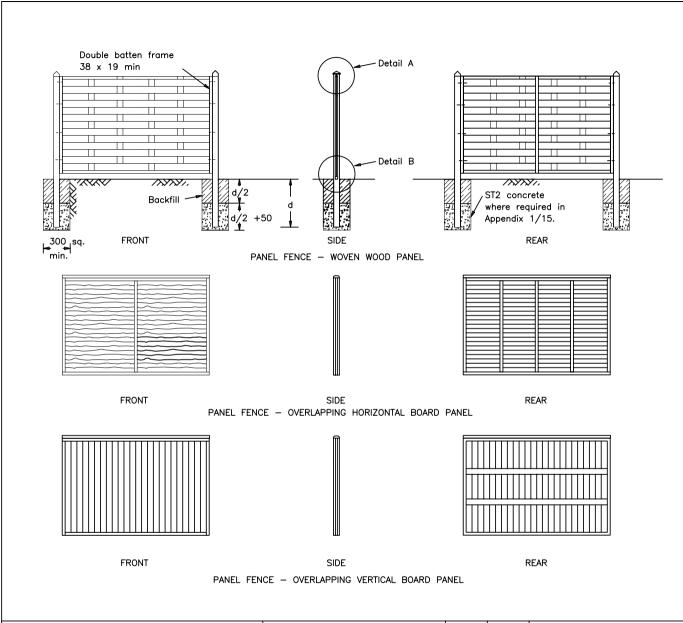
and on the Drawings. 3. All timber shall comply with Clause 304 unless otherwise stated in Appendix 1/15. 4. Timber posts may be

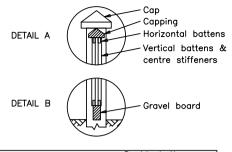
Appendix 1/15. 5. ALL DIMENSIONS ARE IN MILLIMETRES.

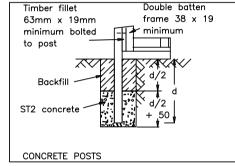
unless otherwise stated. 2. Dimension d and types and sizes

H14

HIGHWAY CONSTRUCTION DETAILS







- NOTES
 1. ALL DIMENSIONS ARE IN MILLIMETRES.
- 2. BS 1722 Part 11 applies unless otherwise stated.
- 3. Dimension d and sizes of posts, and infill shall be taken from BS 1722 Part 11 as appropriate to the height and type of fence described in Appendix 1/15 and on the Drawings.
- 4. All timber shall comply with Specification Clause 304 unless otherwise stated in Appendix 1/15.
- 5. Timber posts may be driven or supported in rammed backfill unless otherwise stated in Appendix 1/15.

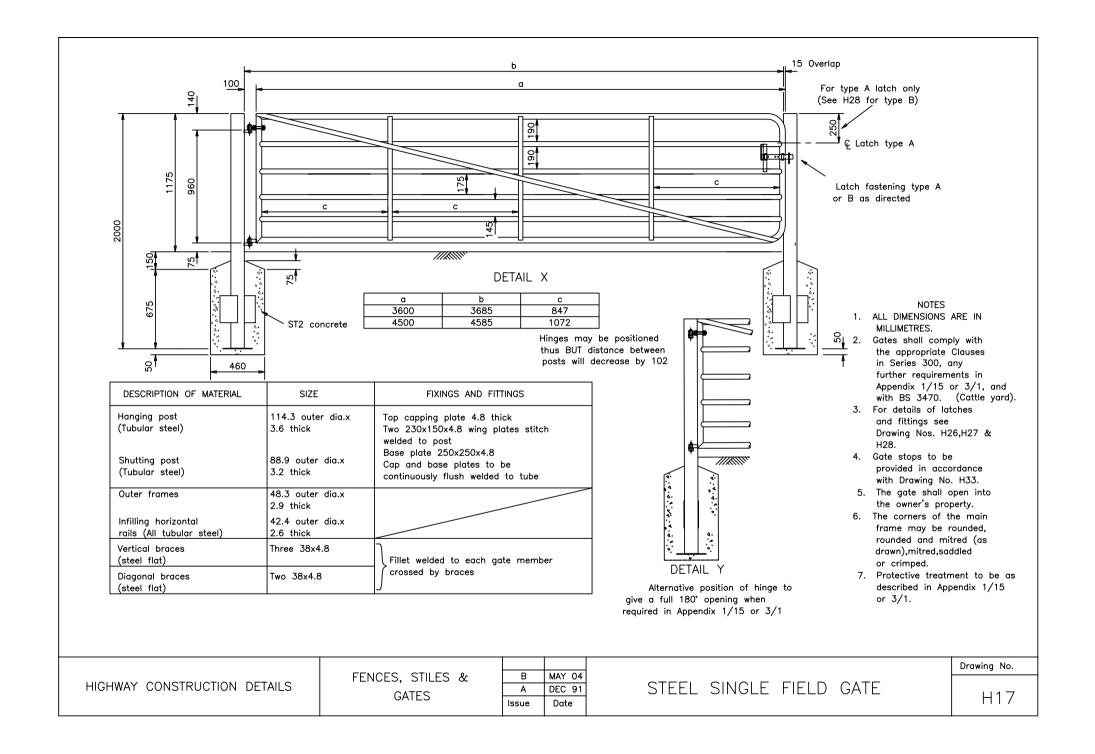
FENCES, STILES & **GATES**

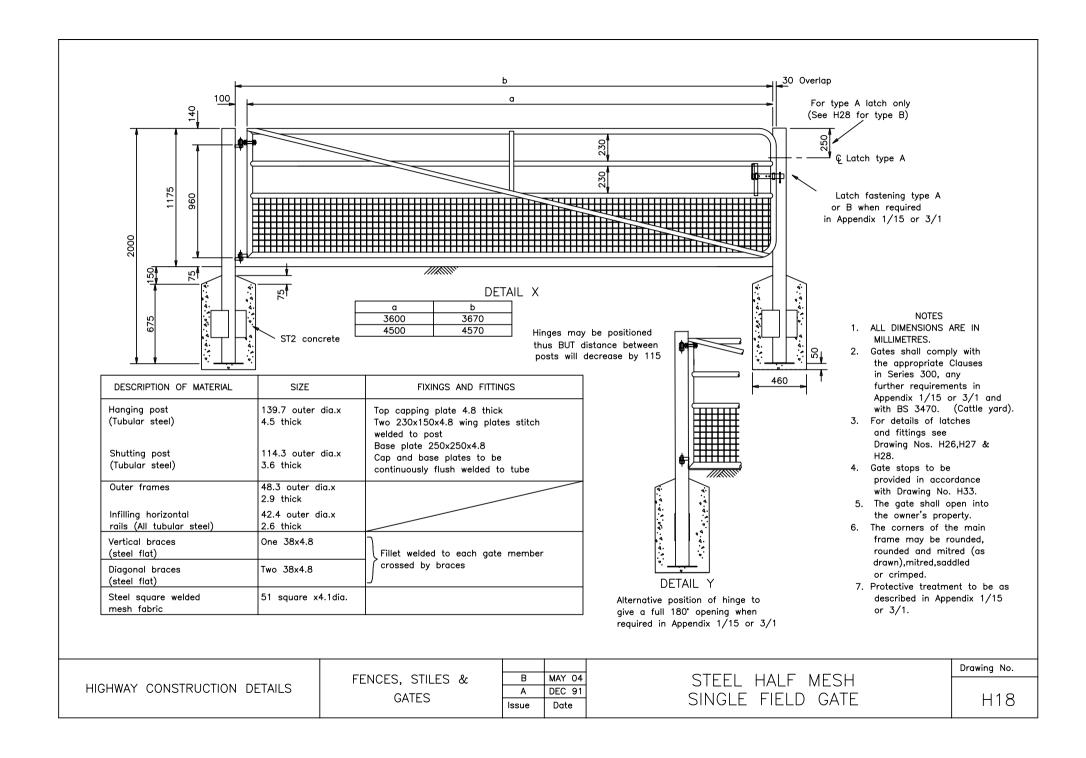
С MAY 04 AUG 93 В DEC 91 Α Issue Date

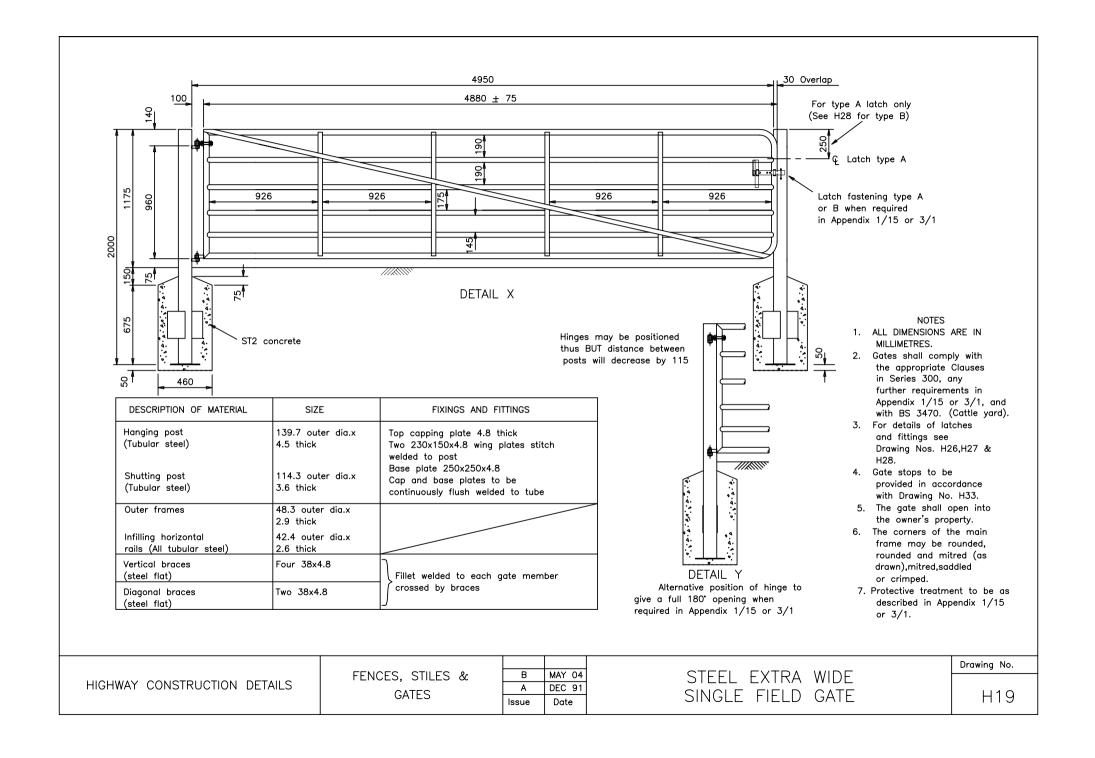
ACCOMMODATION WORKS WOVEN AND LAP BOARDED PANEL FENCES

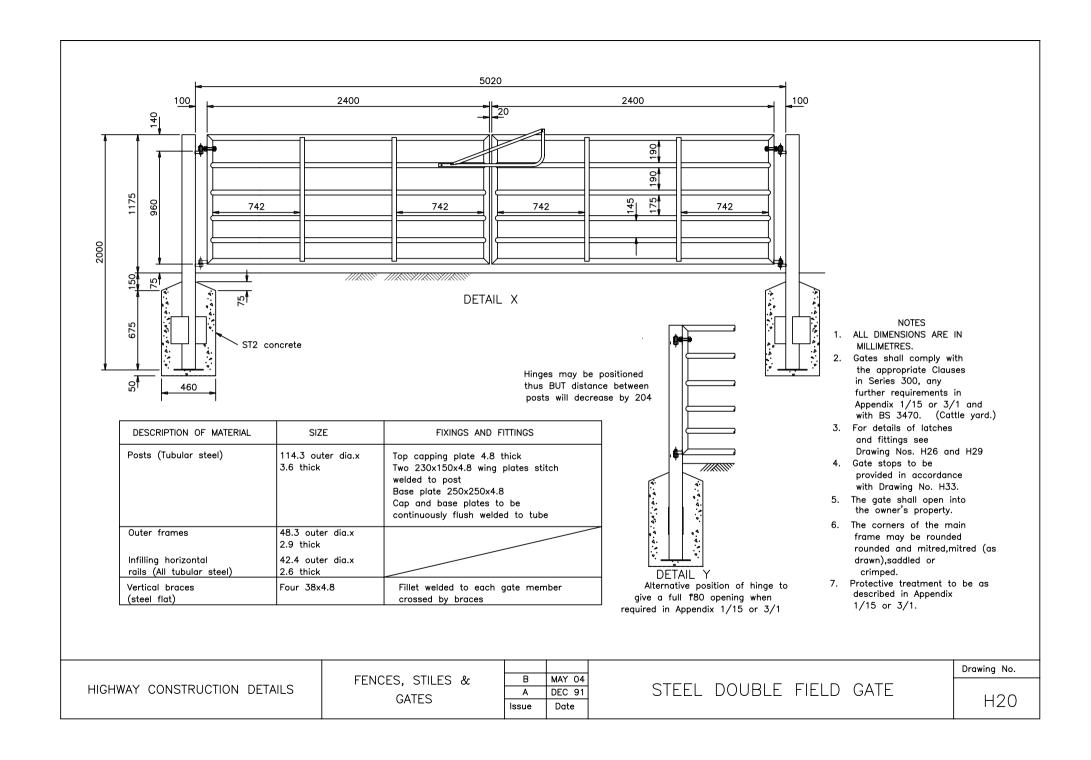
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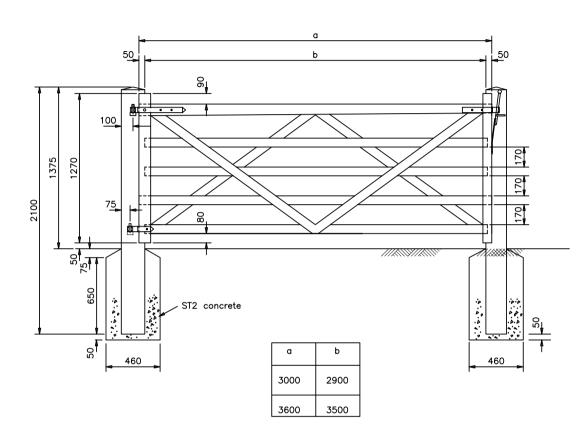
H16











DESCRIPTION OF TIMBER MATERIALS	SIZE
Hanging post	200x200x2100 long
Shutting post	175x175x2100 long
Hanging stile	100X75 for 3m gate 125x75 for 3.6m gate
Shutting stile	75x75
Top rail	100x75 for 3m gate 125x75 for 3.6m gate both tapering to 75x75
Under rails	75x25
Braces housed in top rail	75x25

NOTES

- ALL DIMENSIONS ARE IN
 MILLIMETRES UNLESS
 OTHERWISE STATED.
- Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and with BS 3470.
- All through tenons shall be pegged with 13 dia oak dowels.
- For details of fittings for hanging and fastening see Drawing Nos. H30 and H31.
- 5. The gate shall be hung as shown for self closing with self latching stop post as shown on Drawing No. H33.
- 6. The gate shall open into the owner's property.

FENCES, STILES & GATES

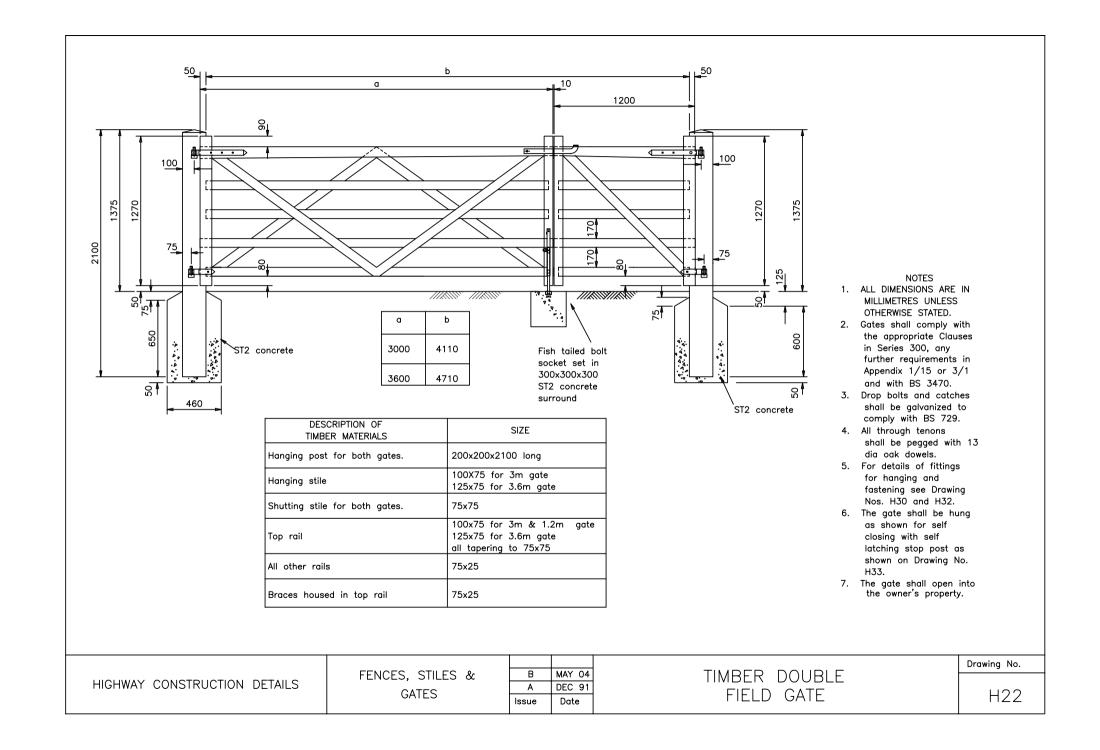
HIGHWAY CONSTRUCTION DETAILS

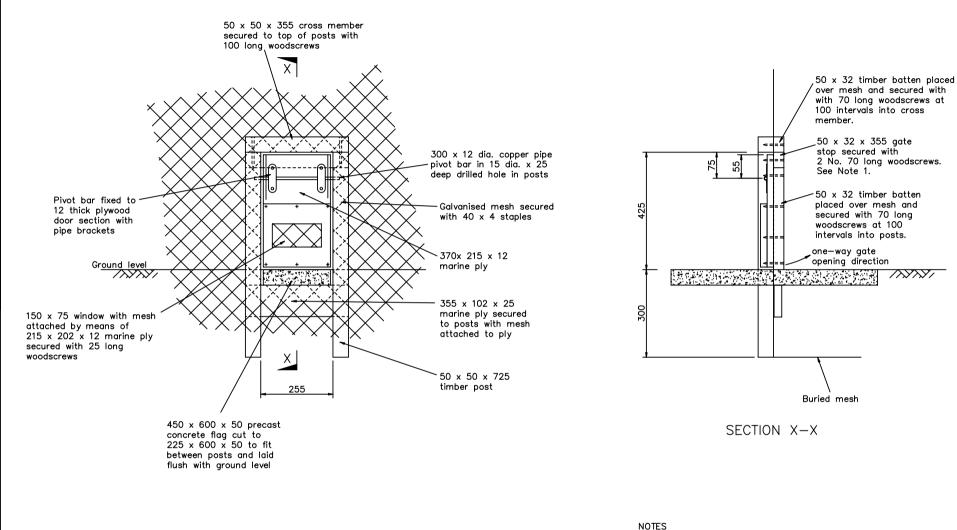
B MAY 04 A DEC 91 Issue Date

TIMBER SINGLE FIELD GATE

Drawing No.

H21



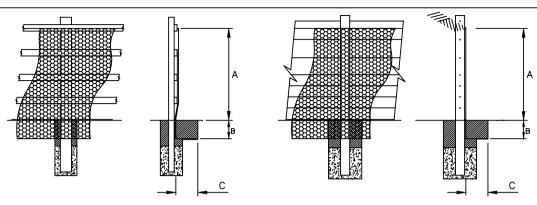


- Gate stop shall be omitted where two-way access gate is specified in Appendix 3/1.
- 2. All woodscrews to be galvanised or similarly treated to prevent rust.

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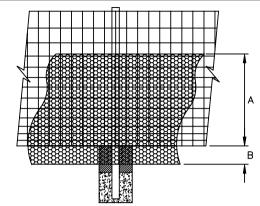
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

Drawing No. FENCES, STILES & MAY 01 Α BADGER GATE HIGHWAY CONSTRUCTION DETAILS P1 MAR 95 **GATES** H45 Date Issue



ATTACHMENT OF MESH TO WOODEN POST AND 4/5 RAIL FENCE

ATTACHMENT OF MESH TO A STRAINED WIRE FENCE



ATTACHMENT OF MESH TO A RECTANGULAR WIRE MESH FENCE

	WIRE MESH	DIMENSION A	DIMENSION B	DIMENSION C	LINE WIRES See Note 6
Type 1 - Rabbit	Hexagonal steel wire netting to BS EN 10223-2 Classification 31 x 1050 x 18	800	100	150	2 No.
Type 2 - Muntjac Deer (+ Rabbit)	Hexagonal steel wire netting to BS EN 10223-2 Classification 31 x 1200 x 18	950	100	150	2 No.
Type 3 - Badger See Note 3	Steel wire woven hinged joint fencing to BS EN 10223-5 Classification H2. 160/15/8. See Note 4	1000	300	300	0
	Steel wire chain link fencing to BS EN 10223-6 Zinc/zinc alloy and black organic coating 50 mesh x 2.5/3.55 gauge, 1800 height	1250	250	300	2 No.
	Hexagonal steel wire netting to BS EN 10223-2 Classification 31 x 1200 x18 AND	950	250	0	0
Type 4 -	Steel wire woven hinged joint fencing to BS EN 10223-5 Classification H2. 160/15/8. See Notes 4 & 5	1000	300	300	0
Badger & Rabbit See Note 3	Hexagonal steel wire netting to BS EN 10223-2 Classification 31 x 1200 x18 AND	950	250	0	0
See Note 3	Steel wire chain link fencing to BS EN 10223-6 Zinc/zinc alloy and black organic coating 50 mesh x 2.5/3.55 gauge, 1800 height. See Note 5	1250	250	300	2 No.

NOTES

- 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2. Fencing Types 1, 3 and 4 apply to new fencing and to the attachment of wire mesh (and additional line wires) where the existing fence height is greater than Dimension A. Fencing Type 6 is required instead of Type 2 if the existing fence height is less than 1350.
- 3. Two alternatives are given for this type.
- 4. Alternatives within height range 1580 to 1700 are acceptable, but horizontal spacing of vertical stay wires must not exceed 100.
- 5. Where two layers of wire mesh are required, dimensions A, B & C are given in order inner/outer mesh.
- 6. Hexagonal mesh and chain link fencing attached to additional line wires at top of mesh and at ground level.
- 7. BS 1722: Part 2 shall apply unless otherwise stated. Wire mesh to be attached to fence with a minimum of 16 No. anchorages per square metre of mesh.

FENCES, STILES & **GATES**

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ATTACHMENT OF WIRE MESH TO FENCING (SHEET 1 OF 3) Drawing No.

Steel line wires

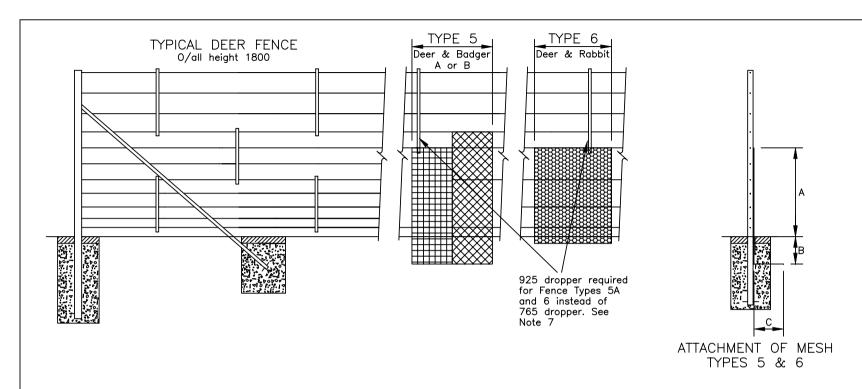
MESH TO BE JOINED AND SECURED TO POSTS AS

REQUIRED BY PROFILE

OF FENCING

H46

HIGHWAY CONSTRUCTION DETAILS



FENCE TYPE	WIRE MESH	DIM A	DIM B	DIM C
Type 5 -	Steel wire woven hinged joint fencing to BS EN 10223-5 classification H2. 160/15/8. see Note 6.	975	300	325
Deer & Badger See Note 5	Steel wire chain link fencing to BS EN 10223-6 zinc/zinc alloy and black organic coating 50 mesh x 2.5/3.55 gauge, 1800 height.	1150	300	350
	Hexagonal steel wire netting to BS EN 10223-2 classification 31 x 1200 x18	975	75	150

NOTES

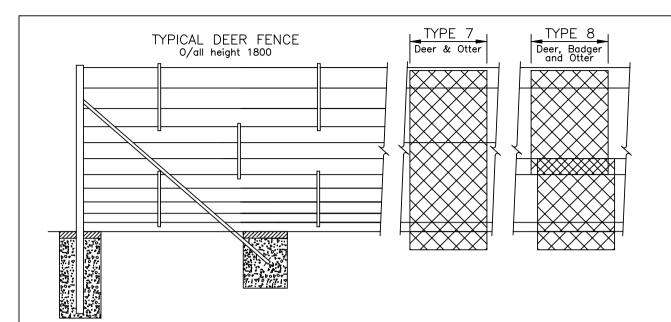
- Specification Clause 306 applies unless otherwise stated in Appendix 3/1 or 1/15.
- Details of general arrangements shall be in accordance with Drawing Nos. H8, H9 & H10.
- 3. When a fence forms a boundary between a highway and private property the wire mesh shall be fixed on the private property side unless otherwise described in Appendix 3/1 or 1/15.
- 4. Plastic coating shall comply with Specification Clauses 2604 and 2605. Plastic coated material will not be acceptable where damage has occurred to the coating before or during erection unless the Overseeing Organisation agrees that minor defects can be sprayed with a plastic paint within 24 hours of erection.
- 5. Two alternatives are given for Type 5 fence.
- 6. Alternatives within height range 1580 to 1700 are acceptable, but horizontal spacing of vertical stay wires must not exceed 100. Dimension C to be adjusted accordingly.
- 7. Where wire mesh is attached at time of erection of high tensile strained wire fencing, some wires may be omitted as shown and longer droppers incorporated where necessary.
- 8. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

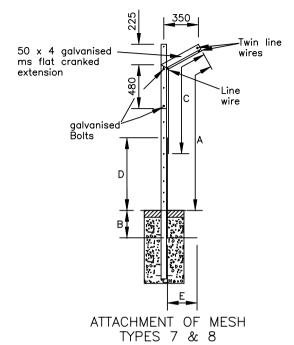
FENCES, STILES & GATES

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ATTACHMENT OF WIRE MESH TO FENCING (SHEET 2 OF 3) Drawing No.

HIGHWAY CONSTRUCTION DETAILS





	WIRE MESH	DIM A	DIM B	DIM C	DIM D	DIM E
Type 7 — Deer & Otter	Steel wire chain link fencing to BS EN 10223-6 zinc/zinc alloy and black organic coating 50 mesh x 2.5/3.55 gauge, 2150 height.	1950	200	-	ı	ı
Type 8 — Deer, Badger & Otter	Steel wire chain link fencing to BS EN 10223-6 zinc/zinc alloy and black organic coating 50 mesh x 2.5/3.55 gauge, 1400 height x 2 No.	1	300	1400	800	300

NOTES

- 1. Specification Clause 306 applies unless otherwise stated in Appendix 3/1 or 1/15.
- 2. Details of general arrangements shall be in accordance with Drawing Nos. H8, H9 & H10.
- When a fence forms a boundary between a highway and private property the wire mesh shall be fixed on the private property side unless otherwise described in Appendix 3/1 or 1/15.
- Plastic coating shall comply with Specification Clauses 2604 and 2605. Plastic coated material will not be acceptable where damage has occurred to the coating before or during erection unless the Overseeing Organisation agrees that minor defects can be sprayed with a plastic paint within 24 hours of erection.
- 5. Where wire mesh is attached at time of erection of high tensile strained wire fencing, droppers and some line wires may be omitted as shown.
- 6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

FENCES, STILES &

Α	MAY 01
Issue	Date

ATTACHMENT OF WIRE MESH TO FENCING (SHEET 3 OF 3) Drawing No. H48

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