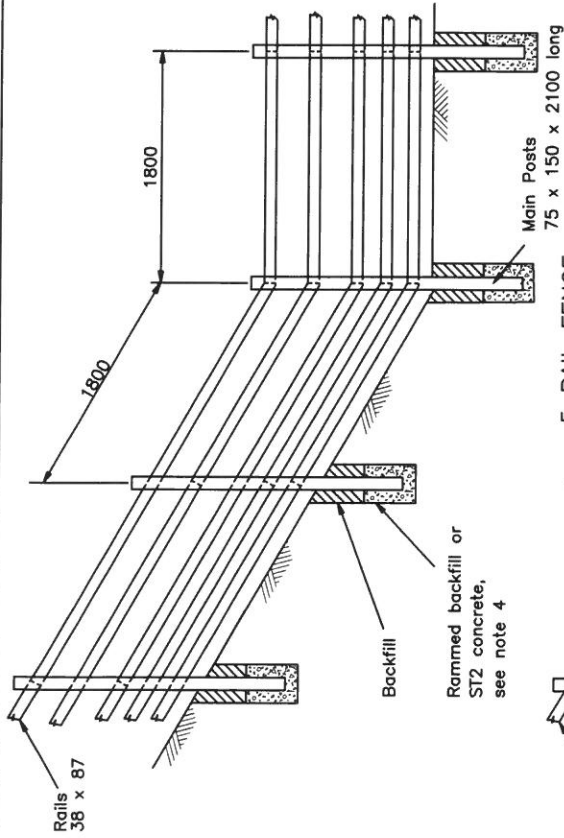
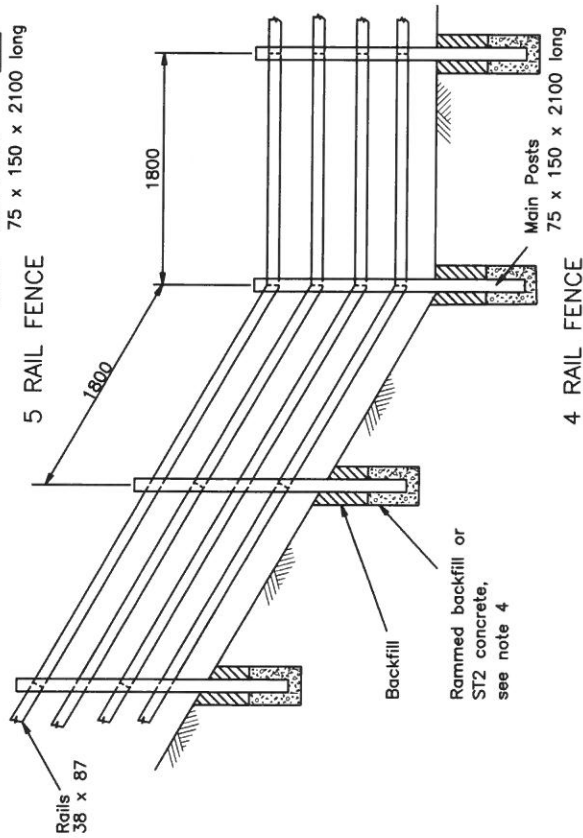
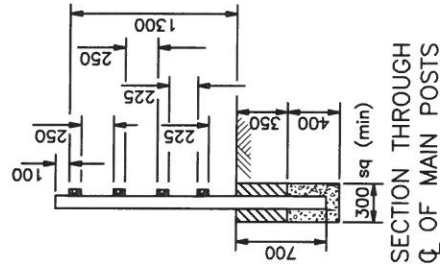
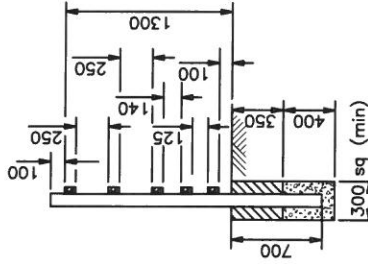




5 RAIL FENCE



4 RAIL FENCE



NOTES

1. Specification Clause 306 applies unless otherwise stated in Appendix 3/1 or Appendix 1/15.
- 2a). Where plain or barbed wire is required in Appendix 3/1 or Appendix 1/15 it shall be zinc coated and comply with BS 4102.
- 2b). 4 rail fence - BS 1722 Part 7 Type SPR 13/4 applies unless otherwise stated.
- 2c). 5 rail fence - BS 1722 Part 7 Type SPR 13/4 applies (except for the addition of a fifth rail, rails spaced as shown) unless otherwise stated.
3. Where the fence forms a boundary between the highway and private property, the rails shall be fixed to the private property side unless otherwise stated in Appendix 3/1 or 1/15.
4. Posts can be supported by rammed backfill or ST2 concrete unless Appendix 1/15 or Appendix 3/1 require ST2 concrete to be used.
5. ALL DIMENSIONS ARE IN MILLIMETRES.

HIGHWAY CONSTRUCTION DETAILS

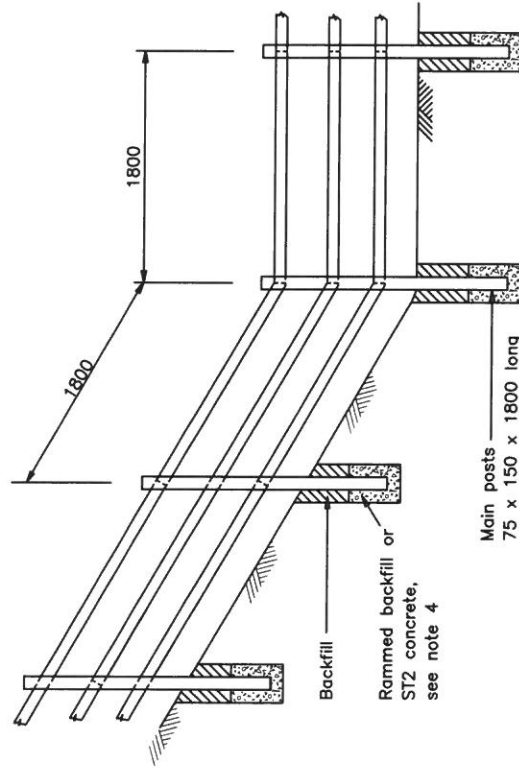
FENCES, STILES & GATES

D	MAY 04
C	MAR 98
B	AUG 93
A	DEC 91
Issue	Date

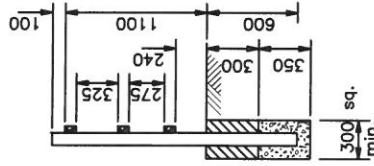
MOTORWAY AND ACCOMMODATION WORKS
TIMBER POST AND 4 (OR 5)
RAIL FENCES

Drawing No.

H3



GENERAL ARRANGEMENT

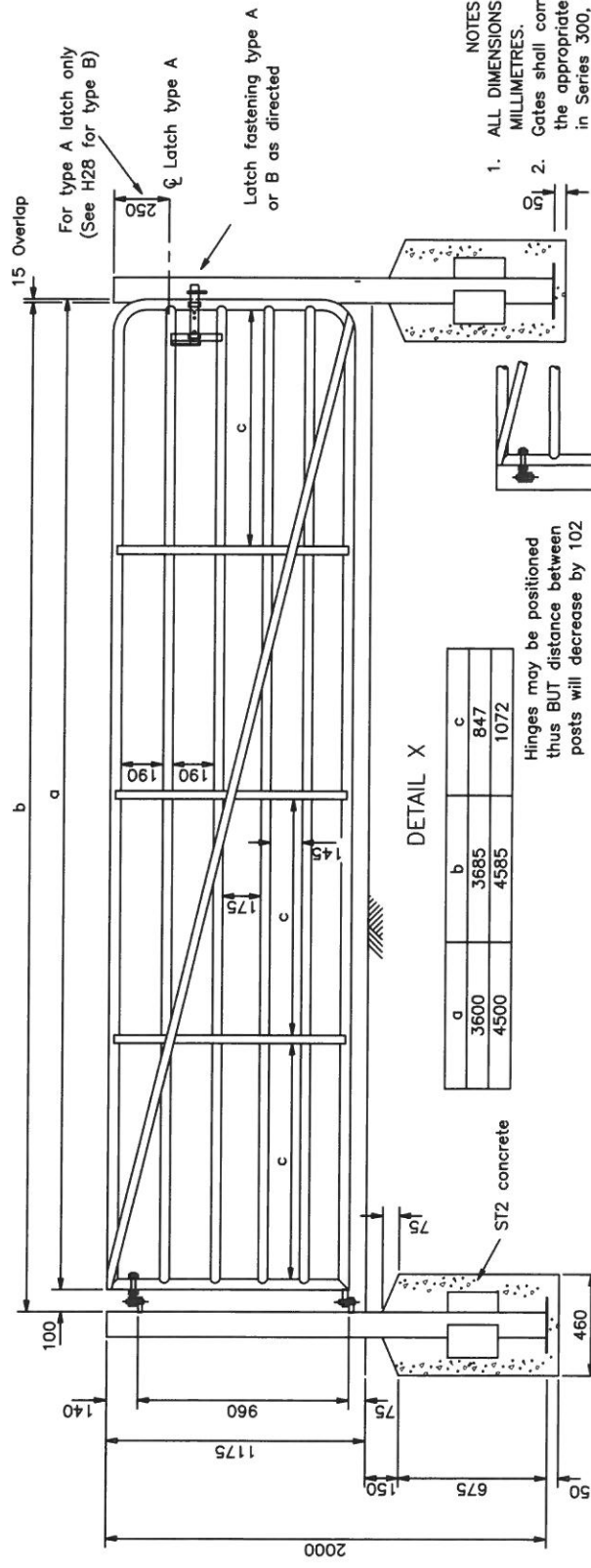


SECTION THROUGH
OF MAIN POSTS

NOTES

1. B.S.1722 Part 7 applies unless otherwise stated.
2. Where plain or barbed wire is required in Appendix 1/15 it shall be zinc coated and comply with BS 4102
3. Where the fence forms a boundary between the highway and private property, the rails shall be fixed to the private property side unless otherwise stated in Appendix 1/15.
4. Posts may be supported by rammed backfill or ST2 concrete unless Appendix 1/15 requires ST2 concrete to be used.
5. ALL DIMENSIONS ARE IN MILLIMETRES.

HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES	ACCOMMODATION WORKS WOODEN POST AND 3 RAIL FENCES			Drawing No. H15
		D	MAY 04	Issue	Date
		C	MAR 98		
		B	AUG 93		
		A	DEC 91		



a	b	c
3600	3685	847
4500	4585	1072

Hinges may be positioned thus BUT distance between posts will decrease by 102

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1, and with BS 3470. (Cattle yard).
 3. For details of latches and fittings see Drawing Nos. H26, H27 & H28.
 4. Gate stops to be provided in accordance with Drawing No. H33.
 5. The gate shall open into the owner's property.
 6. The corners of the main frame may be rounded, rounded and mitred (as drawn), mitred, saddled or crimped.
 7. Protective treatment to be as described in Appendix 1/15 or 3/1.

DESCRIPTION OF MATERIAL	SIZE	FIXINGS AND FITTINGS
Hanging post (Tubular steel)	114.3 outer dia.x 3.6 thick	Top capping plate 4.8 thick Two 230x150x4.8 wing plates stitch welded to post
Shutting post (Tubular steel)	88.9 outer dia.x 3.2 thick	Base plate 250x250x4.8 Cap and base plates to be continuously flush welded to tube
Outer frames	48.3 outer dia.x 2.9 thick	
Infilling horizontal rails (All tubular steel)	42.4 outer dia.x 2.6 thick	
Vertical braces (steel flat)	Three 38x4.8	Fillet welded to each gate member crossed by braces
Diagonal braces (steel flat)	Two 38x4.8	

HIGHWAY CONSTRUCTION DETAILS

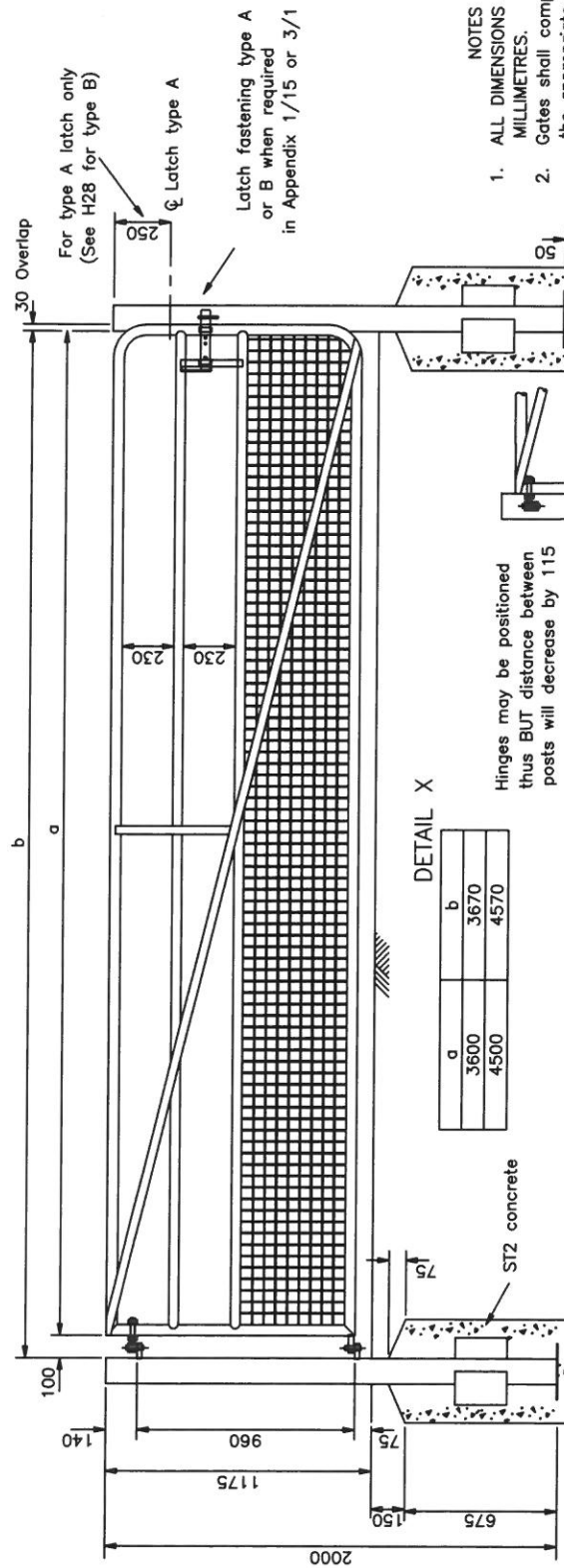
FENCES, STILES & GATES

B	MAY 04
A	DEC 91
Issue	Date

STEEL SINGLE FIELD GATE

Drawing No.

H17



- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and with BS 3470. (Cattle yard).
 3. For details of latches and fittings see Drawing Nos. H26, H27 & H28.
 4. Gate stops to be provided in accordance with Drawing No. H33.
 5. The gate shall open into the owner's property.
 6. The corners of the main frame may be rounded, rounded and mitred (as drawn), mitred, saddled or crimped.
 7. Protective treatment to be as described in Appendix 1/15 or 3/1.

DESCRIPTION OF MATERIAL	SIZE	FIXINGS AND FITTINGS
Hanging post (Tubular steel)	139.7 outer dia.x 4.5 thick	Top capping plate 4.8 thick Two 230x150x4.8 wing plates stitch welded to post
Shutting post (Tubular steel)	114.3 outer dia.x 3.6 thick	Base plate 250x250x4.8 Cap and base plates to be continuously flush welded to tube
Outer frames	48.3 outer dia.x 2.9 thick	Fillet welded to each gate member crossed by braces
Infilling horizontal rails (All tubular steel)	42.4 outer dia.x 2.6 thick	
Vertical braces (steel flat)	One 38x4.8	
Diagonal braces (steel flat)	Two 38x4.8	
Steel square welded mesh fabric	51 square x4.1dia.	

HIGHWAY CONSTRUCTION DETAILS

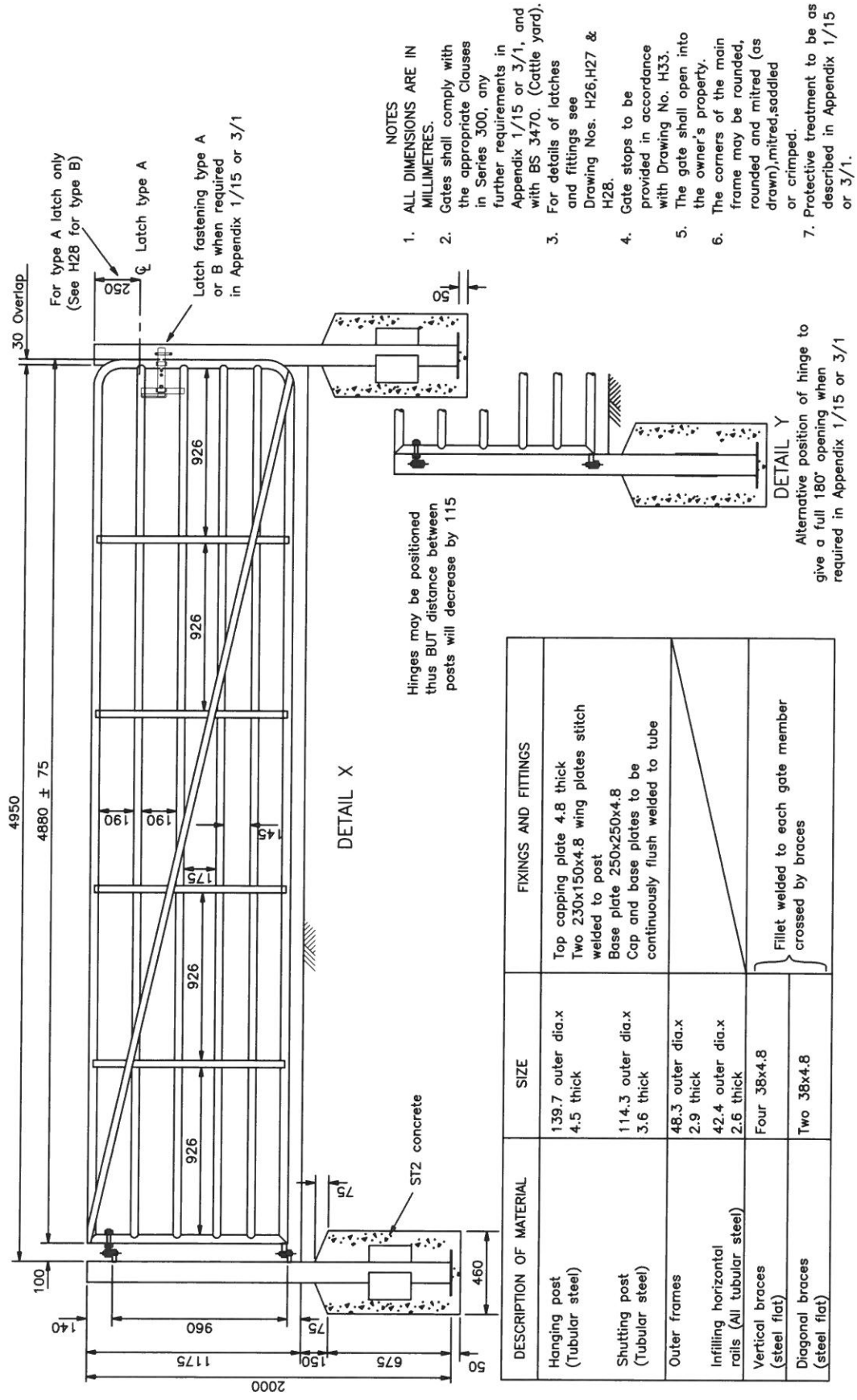
FENCES, STILES & GATES

B	MAY 04
A	DEC 91
Issue	Date

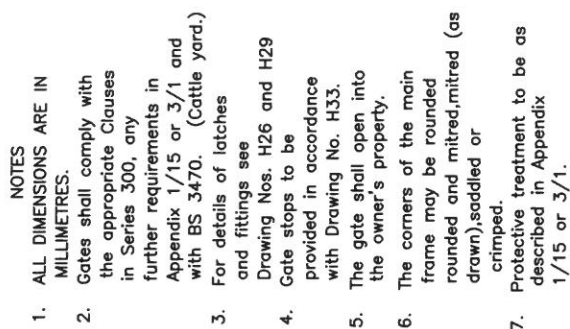
Drawing No.

H18

STEEL HALF MESH
SINGLE FIELD GATE



DESCRIPTION OF MATERIAL	SIZE	FIXINGS AND FITTINGS
Hanging post (Tubular steel)	139.7 outer dia.x 4.5 thick	Top capping plate 4.8 thick Two 230x150x4.8 wing plates stitch welded to post
Shutting post (Tubular steel)	114.3 outer dia.x 3.6 thick	Base plate 250x250x4.8 Cap and base plates to be continuously flush welded to tube
Outer frames	48.3 outer dia.x 2.9 thick	Fillet welded to each gate member crossed by braces
Infilling horizontal rails (All tubular steel)	42.4 outer dia.x 2.6 thick	
Vertical braces (steel flat)	Four 38x4.8	
Diagonal braces (steel flat)	Two 38x4.8	



Hinges may be positioned thus BUT distance between posts will decrease by 204

DETAIL X

DETAIL Y

Alternative position of hinge to give a full 180 opening when required in Appendix 1/15 or 3/1

DESCRIPTION OF MATERIAL	SIZE	FIXINGS AND FITTINGS
Posts (Tubular steel)	114.3 outer dia.x 3.6 thick	Top capping plate 4.8 thick Two 230x150x4.8 wing plates stitch welded to post Base plate 250x250x4.8 Cap and base plates to be continuously flush welded to tube
Outer frames	48.3 outer dia.x 2.9 thick	
Infilling horizontal rails (All tubular steel)	42.4 outer dia.x 2.6 thick	
Vertical braces (steel flat)	Four 38x4.8	

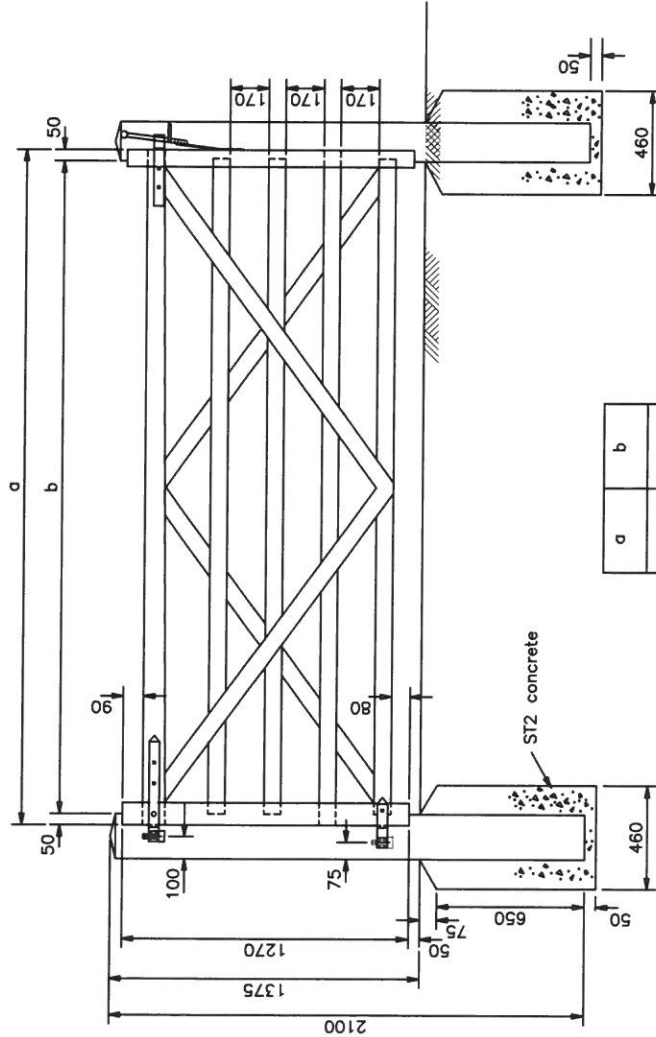
HIGHWAY CONSTRUCTION DETAILS

FENCES, STILES &
GATES

STEEL DOUBLE FIELD GATE

Drawing No.

H₂O



a	b
3000	2900
3600	3500

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
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and with BS 3470.
 3. All through tenons shall be pegged with 13 dia oak dowels.
 4. 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.

HIGHWAY CONSTRUCTION DETAILS

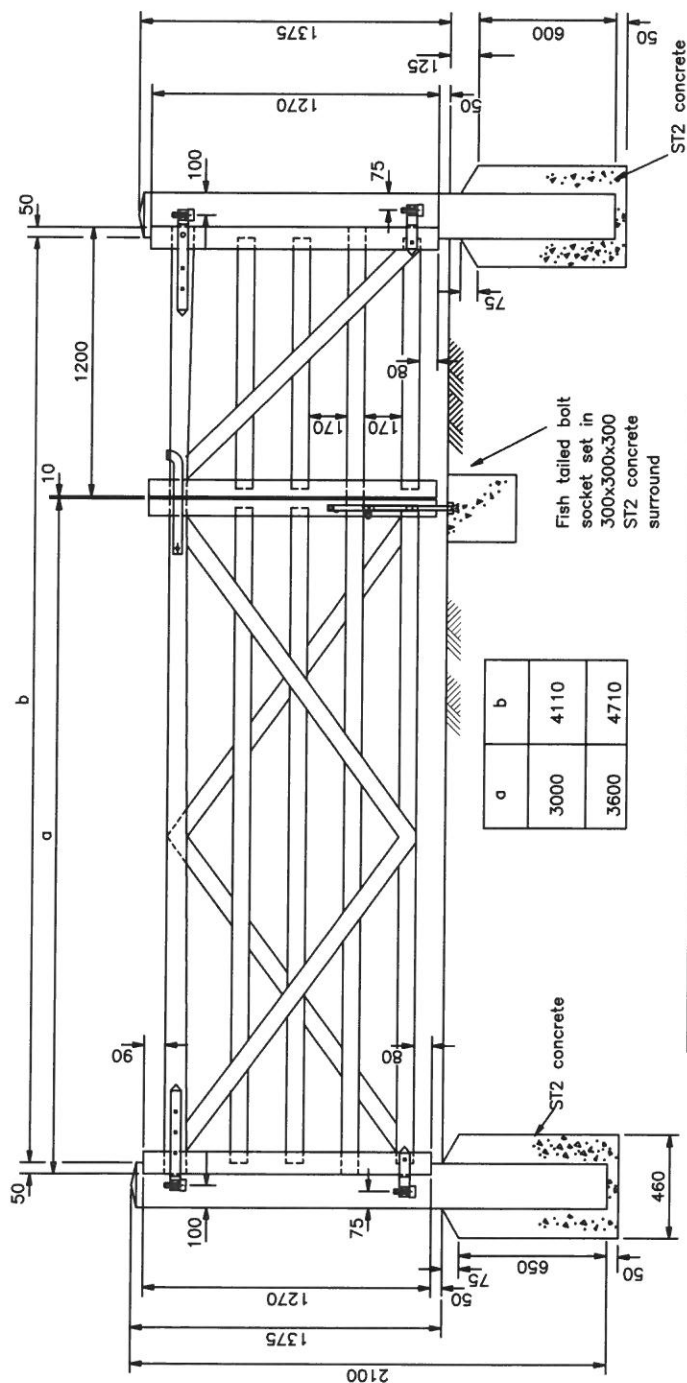
FENCES, STILES &
GATES

Issue	Date
B	MAY 04
A	DEC 91

TIMBER SINGLE
FIELD GATE

Drawing No.

H21



- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and with BS 3470.
 3. Drop bolts and catches shall be galvanized to comply with BS 729.
 4. All through tenons shall be pegged with 13 dia oak dowels.
 5. For details of fittings for hanging and fastening see Drawing Nos. H30 and H32.
 6. The gate shall be hung as shown for self closing with self latching stop post as shown on Drawing No. H33.
 7. The gate shall open into the owner's property.

DESCRIPTION OF TIMBER MATERIALS	SIZE
Hanging post for both gates.	200x200x2100 long
Hanging stile	100x75 for 3m gate 125x75 for 3.6m gate
Shutting stile for both gates.	75x75
Top rail	100x75 for 3m & 1.2m gate 125x75 for 3.6m gate all tapering to 75x75
All other rails	75x25
Braces housed in top rail	75x25

HIGHWAY CONSTRUCTION DETAILS

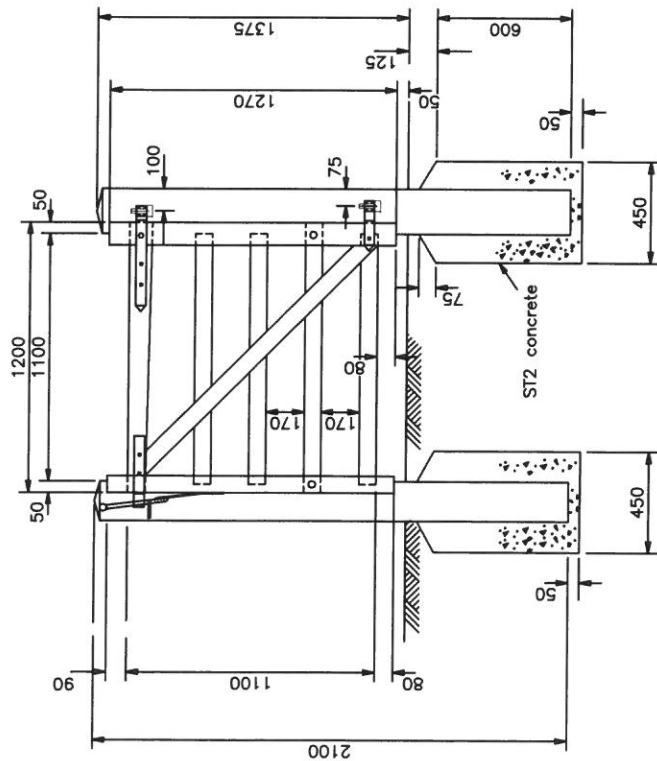
FENCES, STILES &
GATES

B MAY 04
A DEC 91
Issue Date

TIMBER DOUBLE
FIELD GATE

Drawing No.

H22



DESCRIPTION OF TIMBER MATERIALS	SIZE
Hanging post	200x200x2100 long
Shutting post	175x175x2100 long
Hanging stile	100x75
Shutting stile	75x75
Top rail	100x75 tapering to 75x75
Under rails	75x25
Brace housed in top rail	75x25

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and the appropriate Clauses in both BS 3470 and BS 5709.
 3. All through tenons shall be pegged with 13 dia oak dowels.
 4. For details of fittings for hanging and fastening see Drawing Nos. H30 and H31.
 5. The gate shall open into the owner's property.

HIGHWAY CONSTRUCTION DETAILS

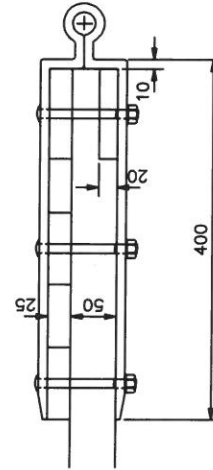
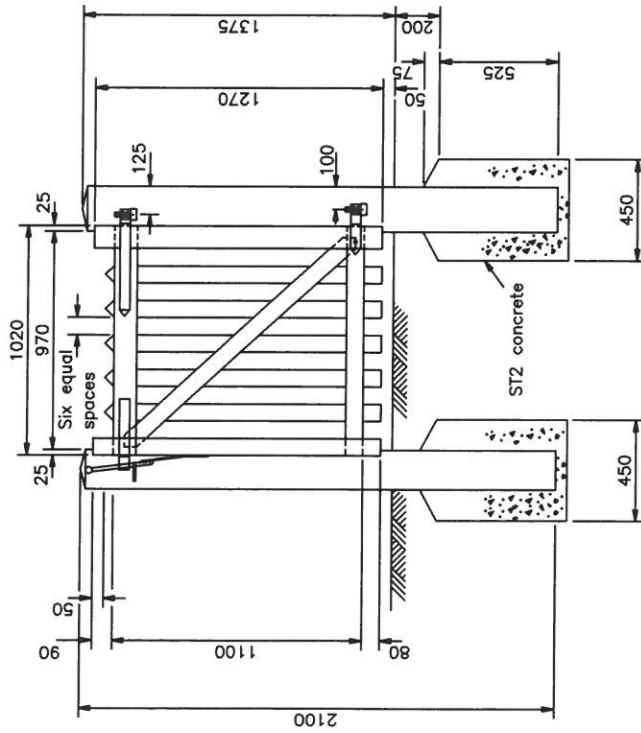
FENCES, STILES &
GATES

B	MAY 04
A	DEC 91
Issue	Date

TIMBER WICKET GATE
TYPE 1

Drawing No.

H23



Detail of joint between top & bottom rails and hanging stiles.

DESCRIPTION OF TIMBER MATERIALS	SIZE
Hanging post	200x200x2100 long
Shutting post	175x175x2100 long
Hanging stile	100x75
Shutting stile	75x75
Top rail	100x50
Bottom rail	75x50
Brace housed in both rails	75x25
Rails with pointed tops secured to each rail and the braces by two galvanized 63x10 s.w.g. nails dovetail driven.	75x25x1220 long

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and the appropriate Clauses in both BS 3470 and BS 5709.
 3. All tenons shall be pegged with 13 dia oak dowels.
 4. For details of fittings for hanging and fastening see Drawing Nos. H30 and H31.
 5. The gate shall open into the owner's property.

Drawing No.

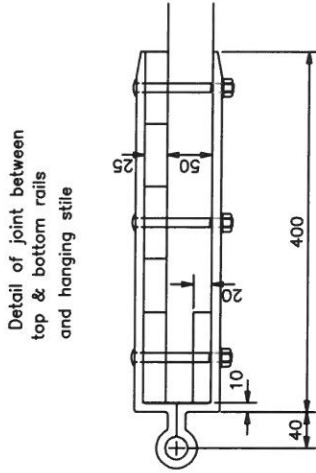
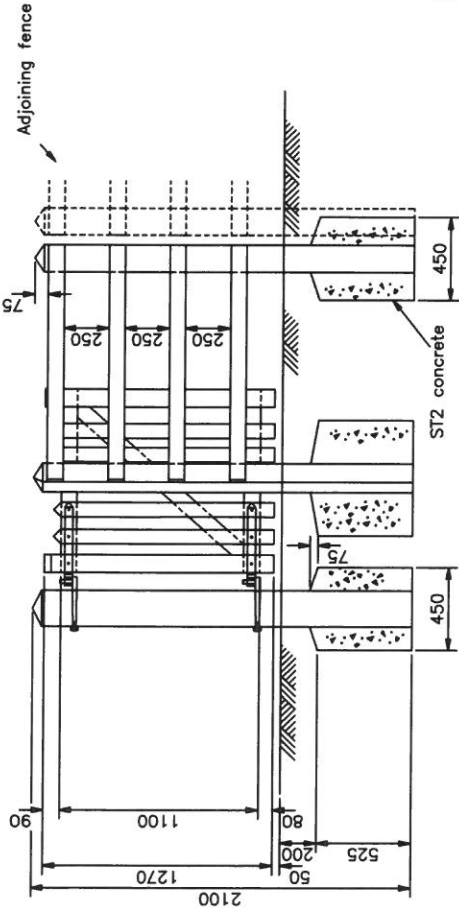
H24

TIMBER WICKET GATE TYPE 2

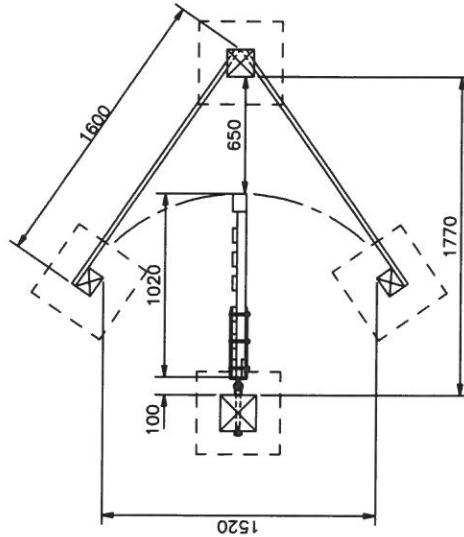
FENCES, STILES &
GATES

HIGHWAY CONSTRUCTION DETAILS

B	MAY 04
A	DEC 91
Issue	Date



DESCRIPTION OF TIMBER MATERIALS	SIZE
Wing posts	125x100x2100 long
Apex posts	150x150x2100 long
Fence rails cut to length and housed in the apex post	87x38x1600 long



- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with the appropriate Clauses in Series 300, any further requirements in Appendix 1/15 or 3/1 and the appropriate Clauses in BS 5709.
 3. Gate itself shall be wicket gate Type 2 (Drawing No. H24).
 4. All nails shall be galvanized.
 5. All tenons shall be pegged with 13 dia oak dowels.

HIGHWAY CONSTRUCTION DETAILS

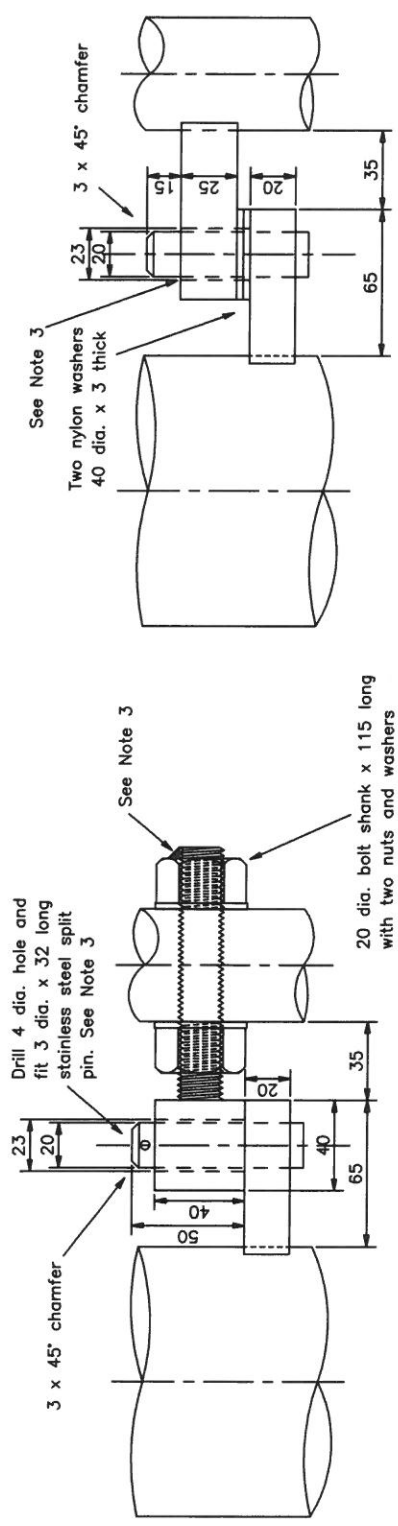
FENCES, STILES &
GATES

TIMBER KISSING GATE

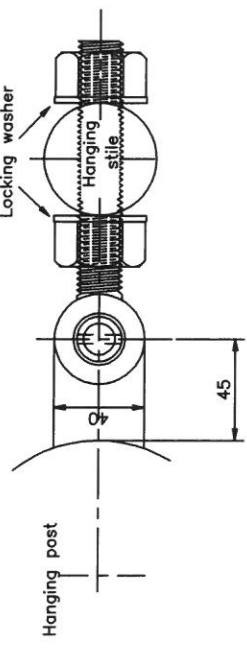
Drawing No.

H25

B	MAY 04
A	DEC 91
Issue	Date

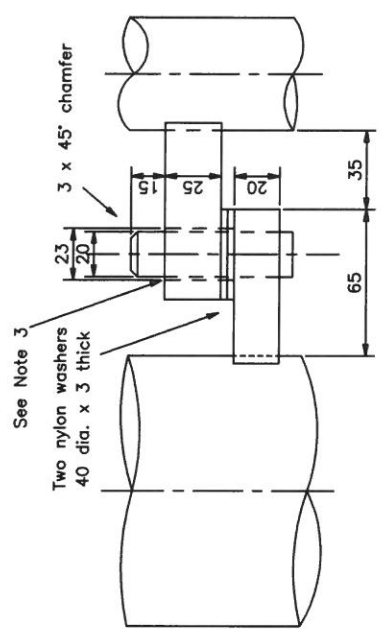


ELEVATION

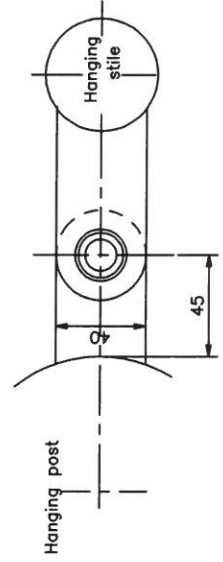


PLAN

TOP HINGE



ELEVATION

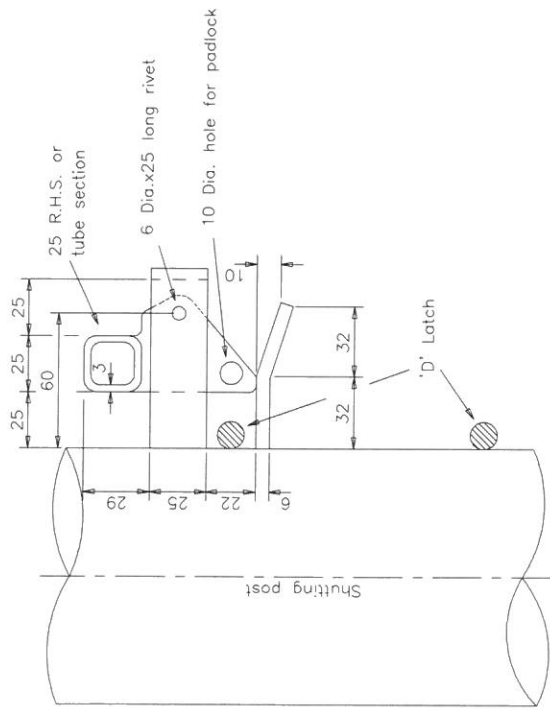


PLAN

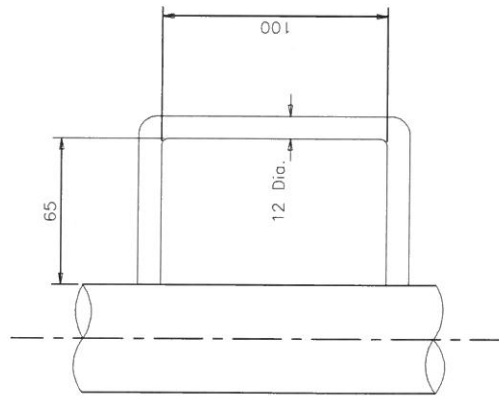
BOTTOM HINGE

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gates shall comply with BS 3470 and any further requirements in Appendix 1/15 or 3/1.
 3. Where stated in Appendix 1/15 or 3/1 the split pin on top hinge shall be omitted and replaced with washers welded to both top and bottom hinges, together with a spot weld to the top hinge locking nut.
 4. All fittings and bolts shall be galvanized steel.

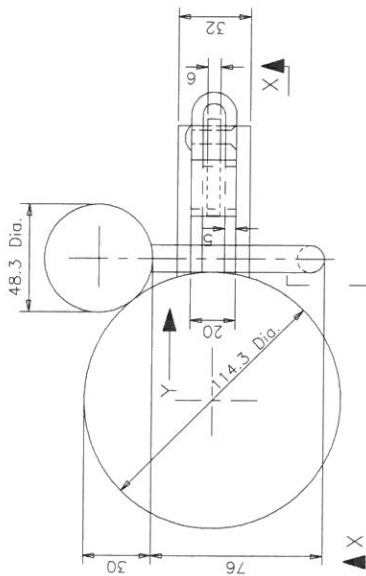
HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES				HINGES FOR STEEL FIELD GATES	
	Issue				Drawing No.	
	B	MAY 01	A	DEC 91	H26	
					Date	



ELEVATION X-X

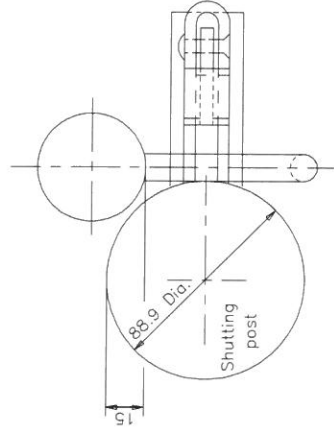


VIEW ON ARROW Y



PLAN

(With 114.3 dia. shutting post)

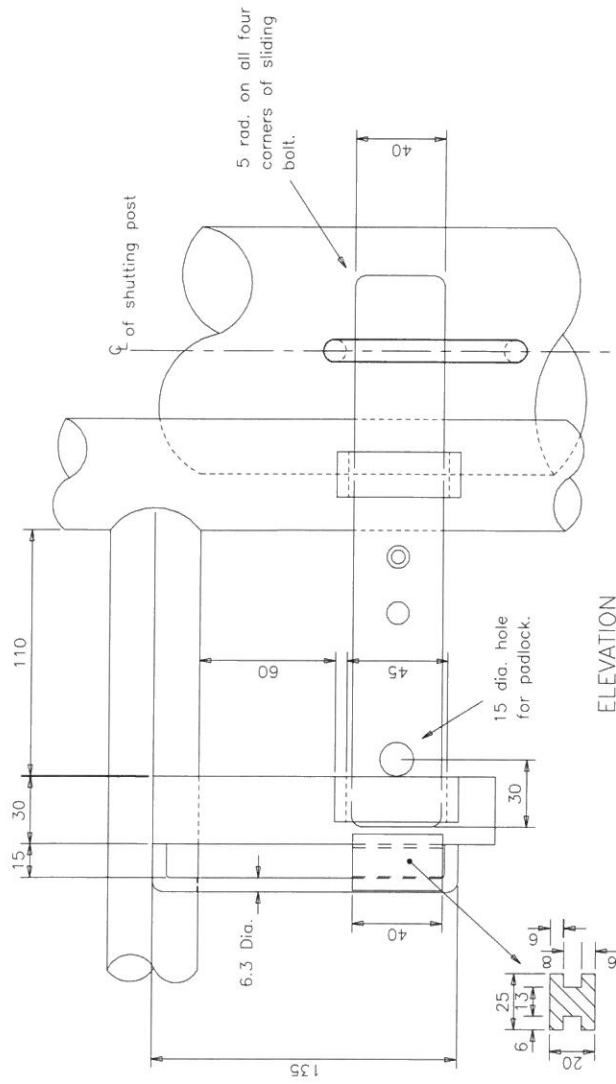


PLAN

(With 88.9 dia. shutting post)

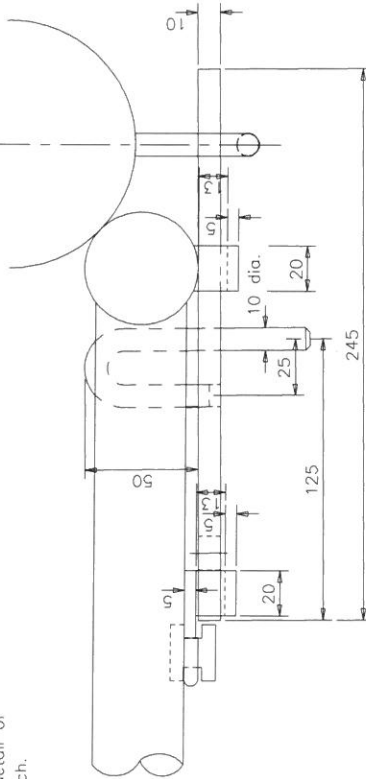
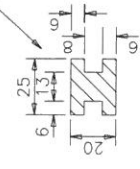
- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gate fittings shall comply with BS 3470 and any further requirements in Appendix 1/15 or 3/1.
 3. All fittings shall be galvanized steel.

HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES	'D' LATCH, TYPE A FOR STEEL SINGLE FIELD GATES			Drawing No.
		A	DEC 91	Date	
		Issue			H27

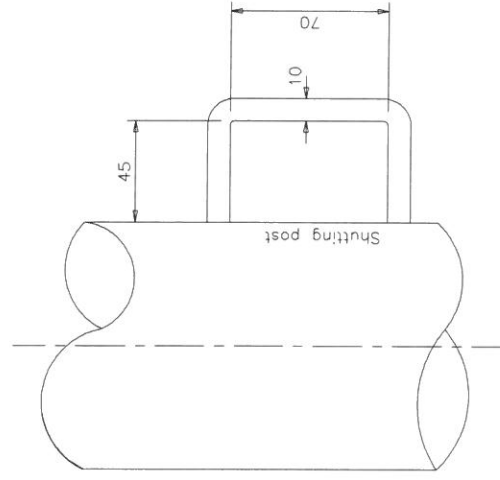


ELEVATION

Sectional detail of sliding catch.



PLAN



DETAIL AT SHUTTING POST
(Positioned on shutting post
to suit sliding bolt)

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gate fittings shall comply with BS 3470 and any further requirements in Appendix 1/15 or 3/1.
 3. All fittings shall be galvanized steel.

HIGHWAY CONSTRUCTION DETAILS

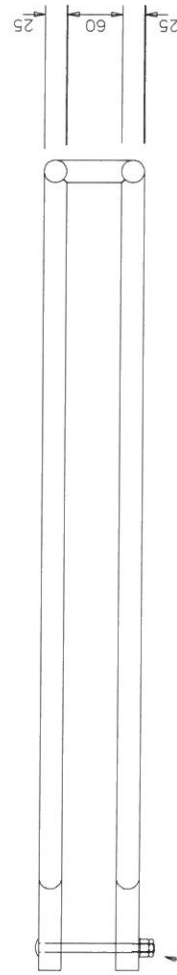
FENCES, STILES &
GATES

SLIDING BOLT LATCH,
TYPE B
FOR STEEL SINGLE FIELD GATES

Drawing No.

H28

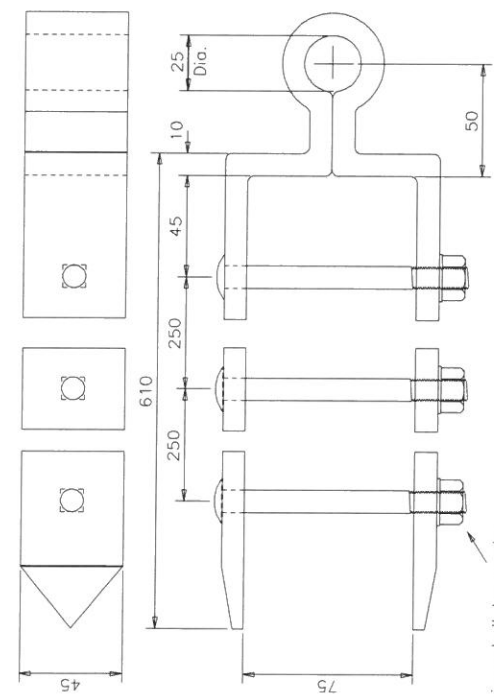
A DEC 91
Issue Date



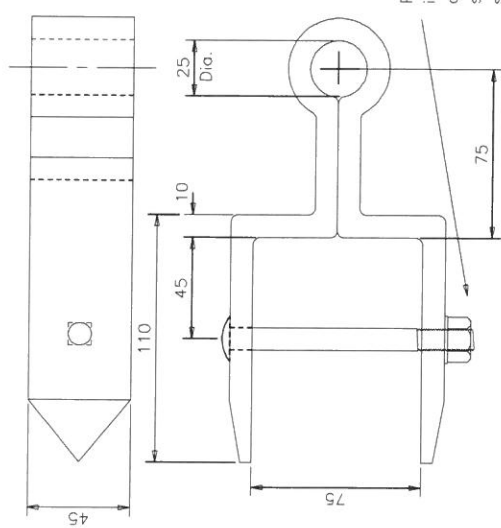
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. Gate fittings shall comply with BS 3470 and any further requirements in Appendix 1/15 or 3/1.
3. Steel tubes shall be 25 dia. x 3.25 thick to comply with BS 6323.
4. The latch shall be galvanized.

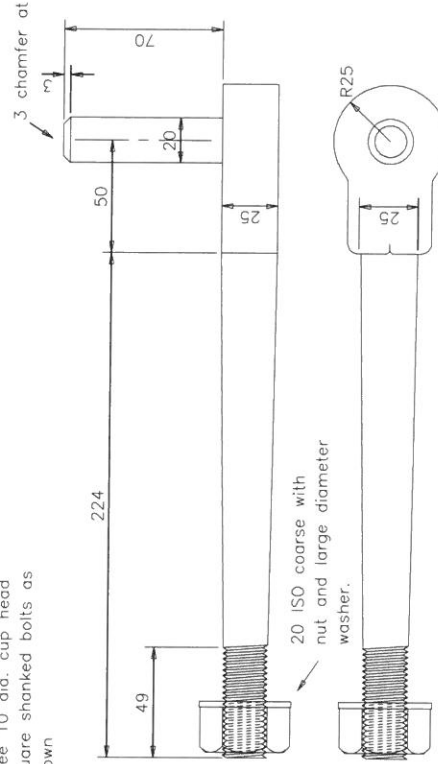
H29



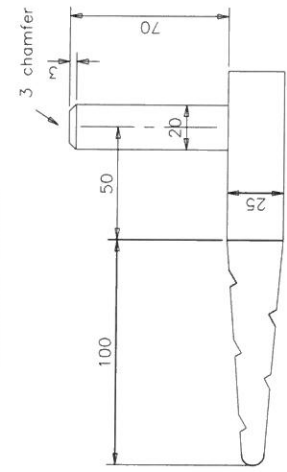
TOP HINGE



BOTTOM HINGE



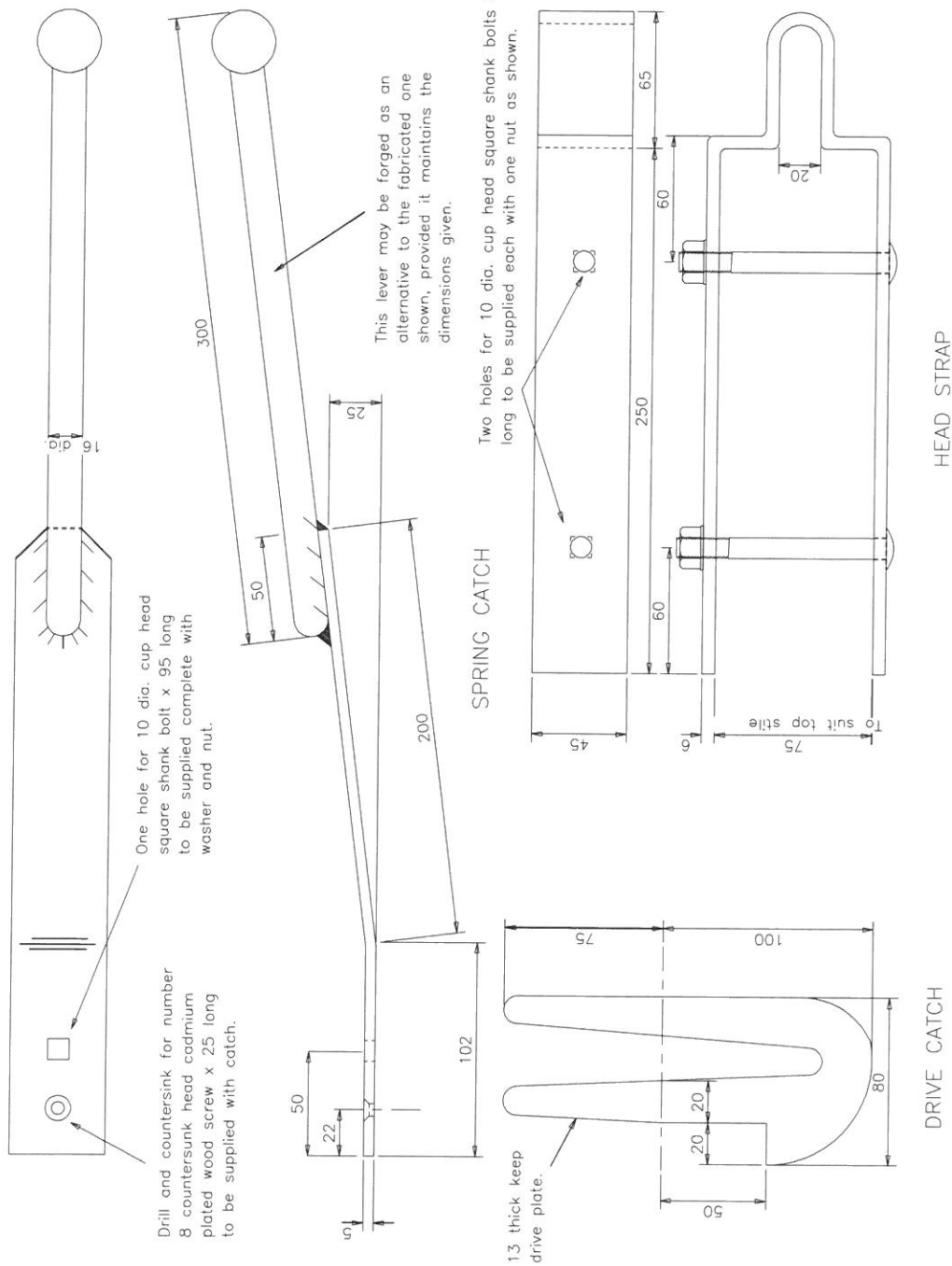
TOP CROOK



BOTTOM CROOK

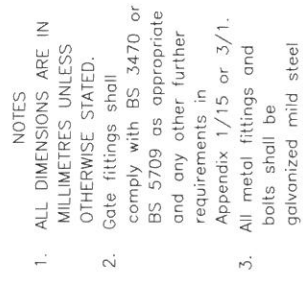
- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gate fittings shall comply with BS 3470 or BS 5709 and any other further requirements in Appendix 1/15 or 3/1.
 3. Fittings shall be malleable iron or steel galvanized.

HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES	HINGES FOR TIMBER FIELD GATES		Drawing No.
		A	DEC 91	
		Issue	Date	H30



- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gate fittings shall comply with BS 3470 or BS 5709 and any other further requirements in Appendix 1/15 or 3/1.
 3. Fittings shall be malleable iron or steel with the exception of the spring catch which shall be tempered steel, preset as shown.
 4. All ferrous metal shall be galvanized.

HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES	SPRING CATCH FOR TIMBER SINGLE FIELD GATES		Drawing No.
		A	DEC 91	H31
		Issue	Date	



BOLT SOCKET

HIGHWAY CONSTRUCTION DETAILS

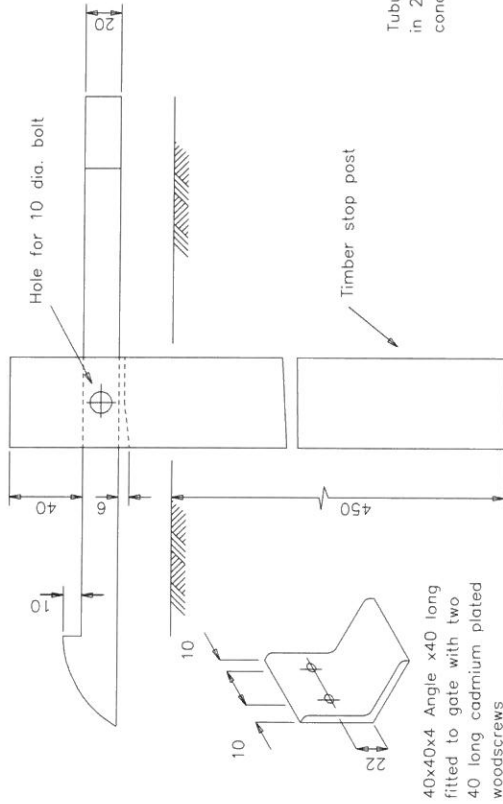
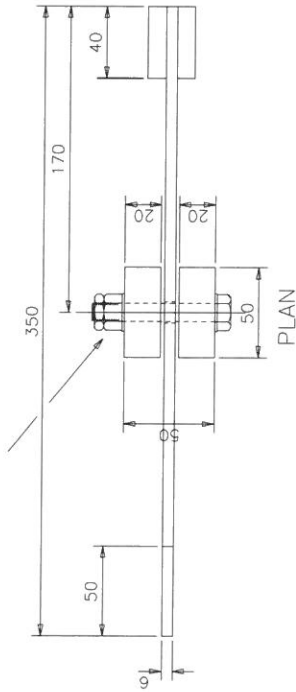
FENCES, STILES &
GATES

LATCH AND DROP BOLT
FOR
TIMBER DOUBLE FIELD GATES

Drawing No.

H32

10 dia. bolt x 70 long complete with two washers, one nut and locknut (alternatively one self-locking nut)

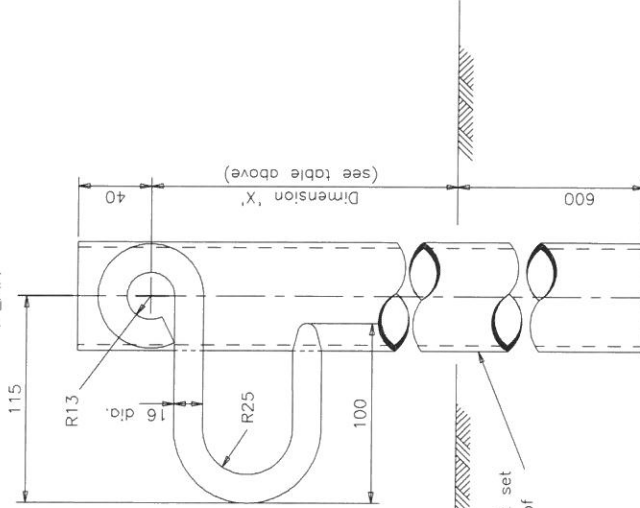
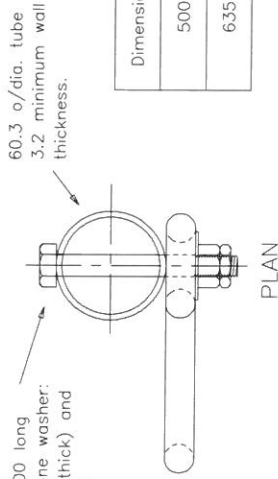


40x40x4 Angle x40 long fitted to gate with two 40 long cadmium plated woodscrews

ELEVATION

SELF LATCHING STOP POST
FOR TIMBER GATES

12 dia. bolt x100 long complete with one washer; (38 o/dia x 2 thick) and nut and locknut



ELEVATION

HOLDING BACK STOP POST
FOR STEEL GATES

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. Gate fittings shall comply with BS 3470 or BS 5709 as appropriate, and any other further requirements in Appendix 1/15 or 3/1.
 3. All metal fittings and bolts shall be galvanized steel.

Dimension 'X'	Suitable for gates on Drawing nos.
500 mm	H17 , H19 , H20
635 mm	H18

HIGHWAY CONSTRUCTION DETAILS

FENCES, STILES &
GATES

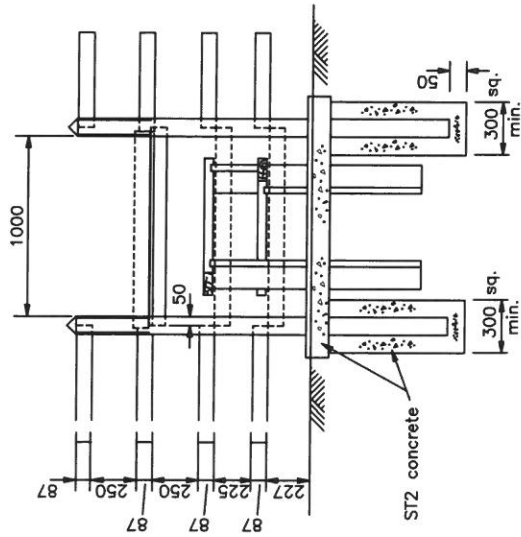
STANDARD GATE STOPS

Drawing No.

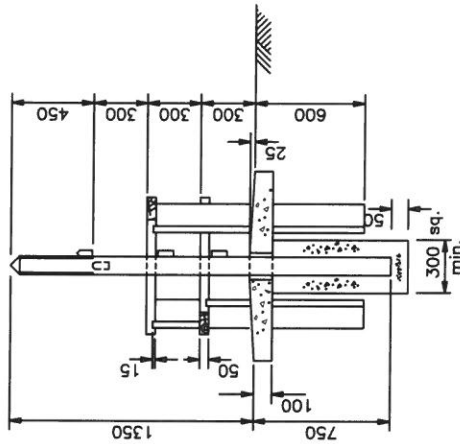
H33

A
Issue

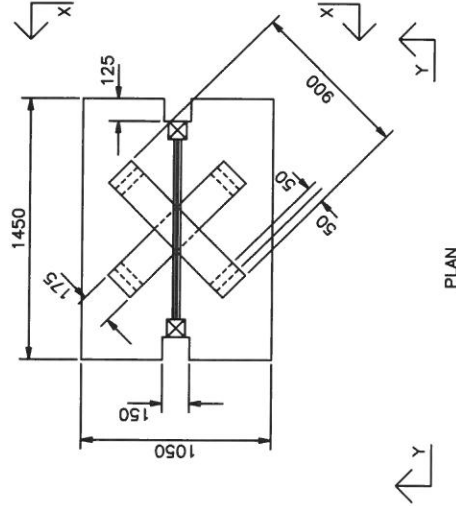
DEC 91
Date



SECTION Y-Y



SECTION X-X



PLAN

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. All timber shall be in accordance with the appropriate Clauses in Series 300 and any other requirements in Appendix 1/15 and 3/1 and BS 5709.
 3. All steelwork shall be galvanized to comply with BS EN ISO 1461
 4. Stile posts shall be set in line of fence.

DESCRIPTION OF TIMBER MATERIALS	SECTION SIZE
Posts top doubled chamfered	100x100
Crosshead wrought. Top edge double chamfered	87x38 minimum
Steps	175x50
Supports Secured by two 100 long x 4 galvanized round wire nails skew driven	175x50

HIGHWAY CONSTRUCTION DETAILS

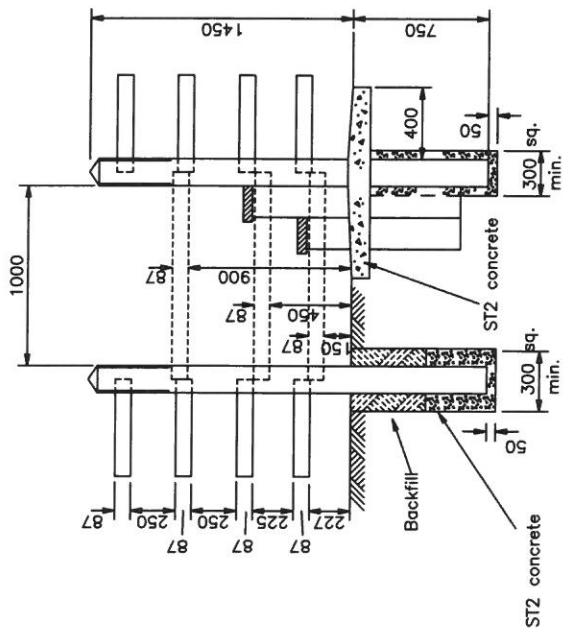
FENCES, STILES & GATES

TIMBER STILE - TYPE 1

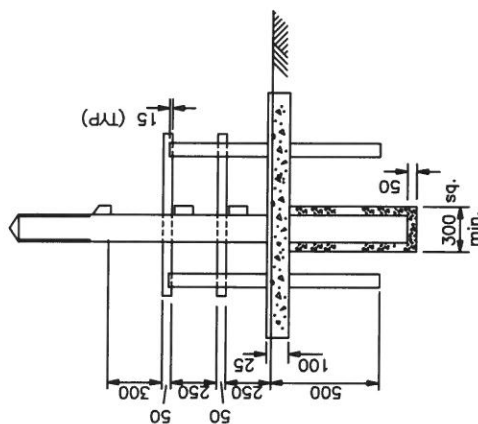
Drawing No.

H34

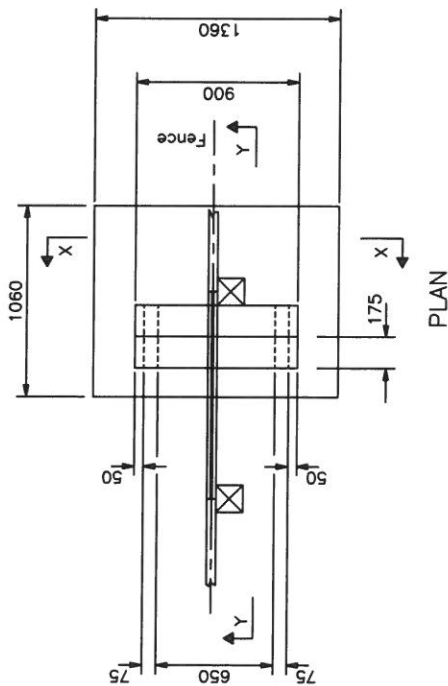
Issue	Date
D	MAY 04
C	MAY 93
B	AUG 93
A	DEC 91



SECTION Y-Y



SECTION X-X



PLAN

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. All timber shall be in accordance with the appropriate clauses in Series 300 and any further requirements in Appendix 3/1 or 1/15 and BS 5709.
 3. All steelwork shall be galvanized to comply with BS EN ISO 1461.

TIMBER MATERIALS DESCRIPTION OF	SECTION SIZES
Posts	100x100
Top rail of fence shall be wrought and top edge double chamfered between the posts as shown.	87x38 (min)
Steps	175x50
Supports	150x75
Secured by two 100 long x 4 galvanized round wire nails skew driven.	

HIGHWAY CONSTRUCTION DETAILS

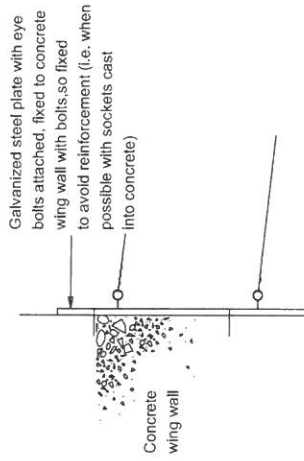
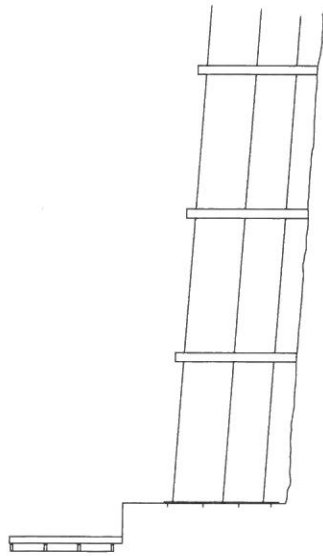
FENCES, STILES & GATES

TIMBER STILE - TYPE 2

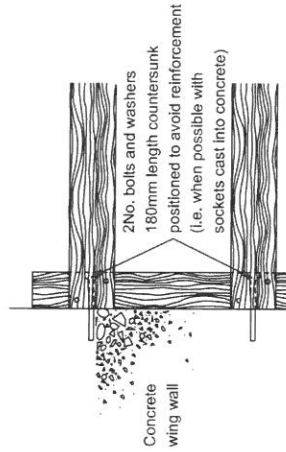
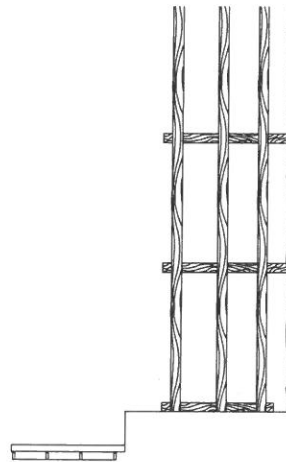
C	MAY 04
B	AUG 93
A	DEC 91
Issue	Date

Drawing No.

H35



WING WALL TO POST AND WIRE FENCE

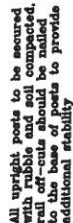


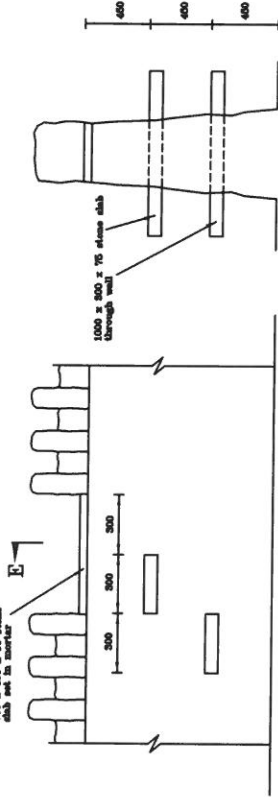
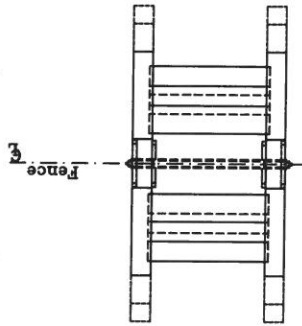
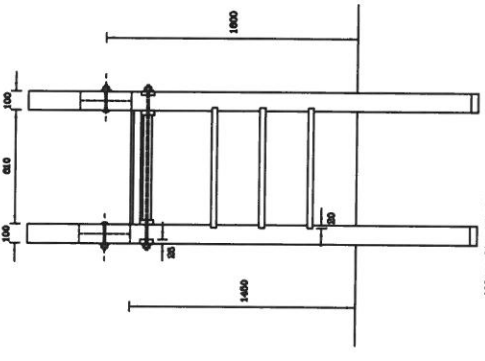
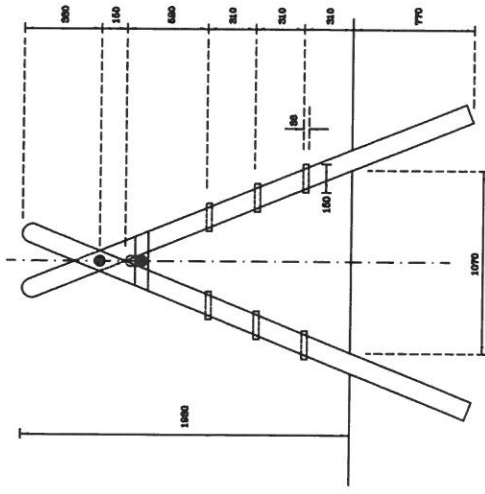
WING WALL TO POST AND RAIL FENCE

Note: See also TD 19 (DMRB 2.2.8) for guidance relating to pedestrian restraint and protection at head walls, wing walls and retaining walls.

HIGHWAY CONSTRUCTION DETAILS	FENCES, STILES & GATES			DIAGRAMMATIC METHODS OF ATTACHING FENCING TO STRUCTURES		Drawing No.
		B	NOV 06			
		A	DEC 91			
		Issue		Date		
						H36

1. All dimensions are in millimetres
2. All ferrous materials shall be galvanised to the requirements of BS 729
3. All materials and construction shall be to specification for Highway Works 1989 or any amendment or revision thereof
4. For 2 board stile, second foot board may be placed to the right or left of existing footstool
5. All timber shall be of 712mm square with the appropriate clauses in the 500 Series may further requirements in Appendices 3/1 and 3/15 and BS 5706.





Description of Material	Scale	Fitting and Fittings
Timber posts	Four 100 x 100 x 2000 long	Two 100mm x 115 long each bolts Each post shall be secured where it crosses the other post.
Steel through bolt pipe spacers		One 130mm shank x 600 long threaded bolt with two 100mm x 115 washers and two nuts. Four 600mm x 13 washers and with one 604 long pipe spacer.
Timber trends	Six 150 x 50 x 600 long	Each trend secured to the posts by two 100mm long x 6 round bolts at each end. Trends to be housed in the posts.
Timber crosshead	One 75 x 50 x 810 long	Top edge double chamfered each end shaped to triangular section 100 either end.
Timber cleat	Four 75 x 25 x 340 long	Secure to each post by two 100 long x 4 round wire nails dovetail driven.

STILE TYPE 3

C. G. Williams B.Sc., C.Eng., M.I.E.E., M.I.R.E., M.I.A.G.E.

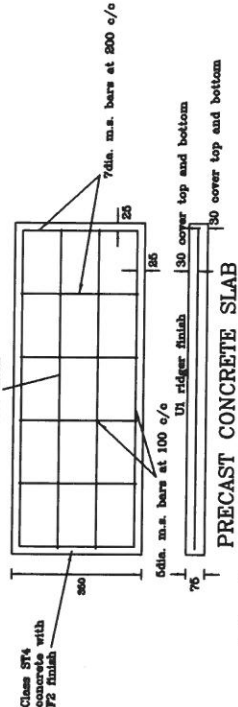
Notes:

- All dimensions are in millimetres.
- All materials shall be galvanneal to the requirements of BS 5950.
- All materials and construction shall be to the specification for Highway Works 1990 or any amendment or revision thereof.

NOTES FOR GUIDANCE

- Gates and stile posts should NOT be used as end or straining posts for the adjoining fencing. However, they may be allowed between gates or stiles and adjoining fences.
- Stile Type 1 is for use in new fences like other than post and rail fences.
- Stile Type 2 is for use in a new post and rail fence. The stile post replaces one of the normal fence posts.
- Stile Type 3 is intended to be used where sheep are enclosed or where a stile is required to provide access over an existing fence. It is designed to be assembled in situ and is not intended to be used as a replacement for a stile. Details may be accepted in lieu of bolts as agreed with the landowner.

FRONT ELEVATION SECTION E - E

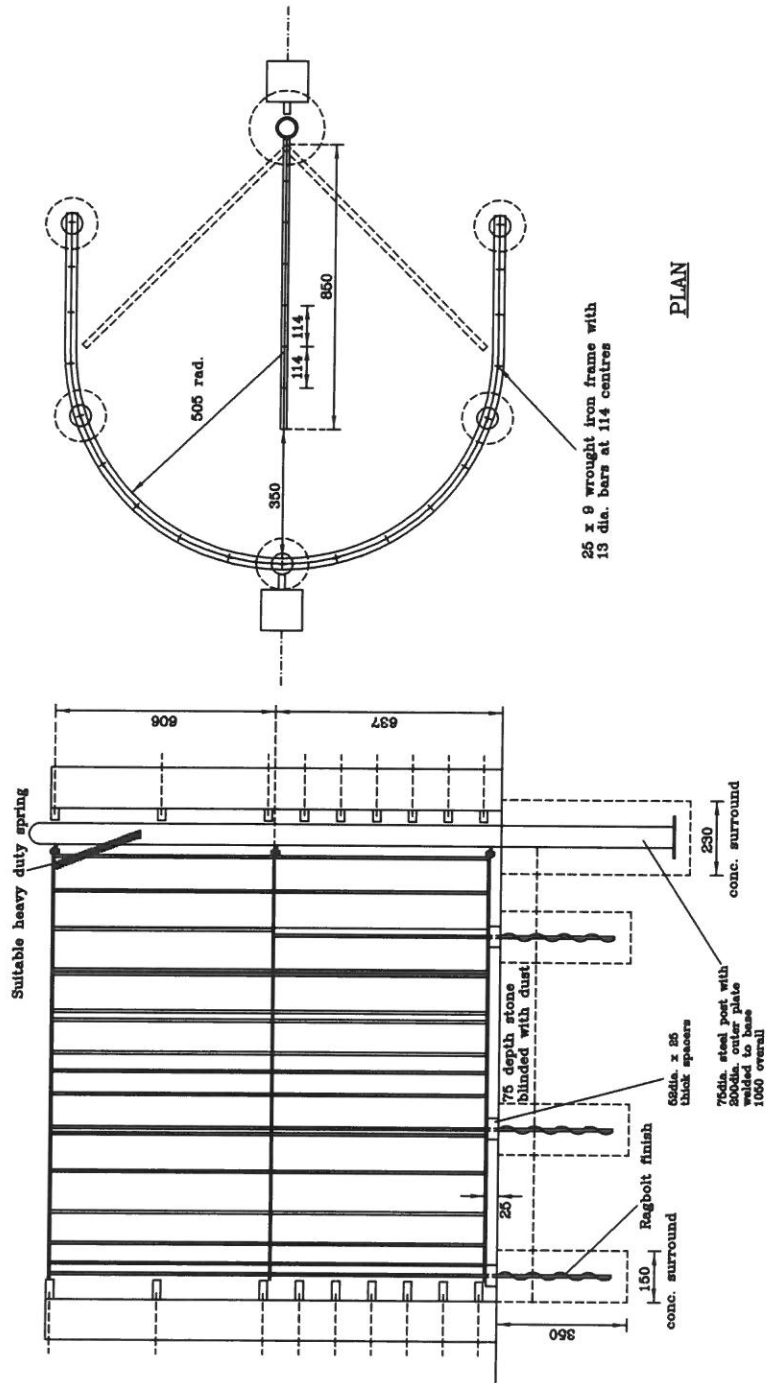


PRECAST CONCRETE SLAB

To be used as steps in stile type 5 instead of stone steps as in stile type 4. To be built in stone wall fencing and wires on top of wall to have 800 gap with end posts at either side of stile. STILE TYPE 5. STILE TYPE 4, except that concrete slabs are used instead of stone for the steps and mortar coping instead of stone.

Notes:

1. All dimensions in millimetres
2. Works treated after all welding ect. with one coat of red oxide primer.
3. After erection all damage to be repaired and repainted to match.
4. Stone in the arms of the kissing gate to be Type 2 sub-base suitable if compacted and bladed with dust.
5. Materials and construction shall be to specification for Highway Works 1996 or any amendments or revision thereof.

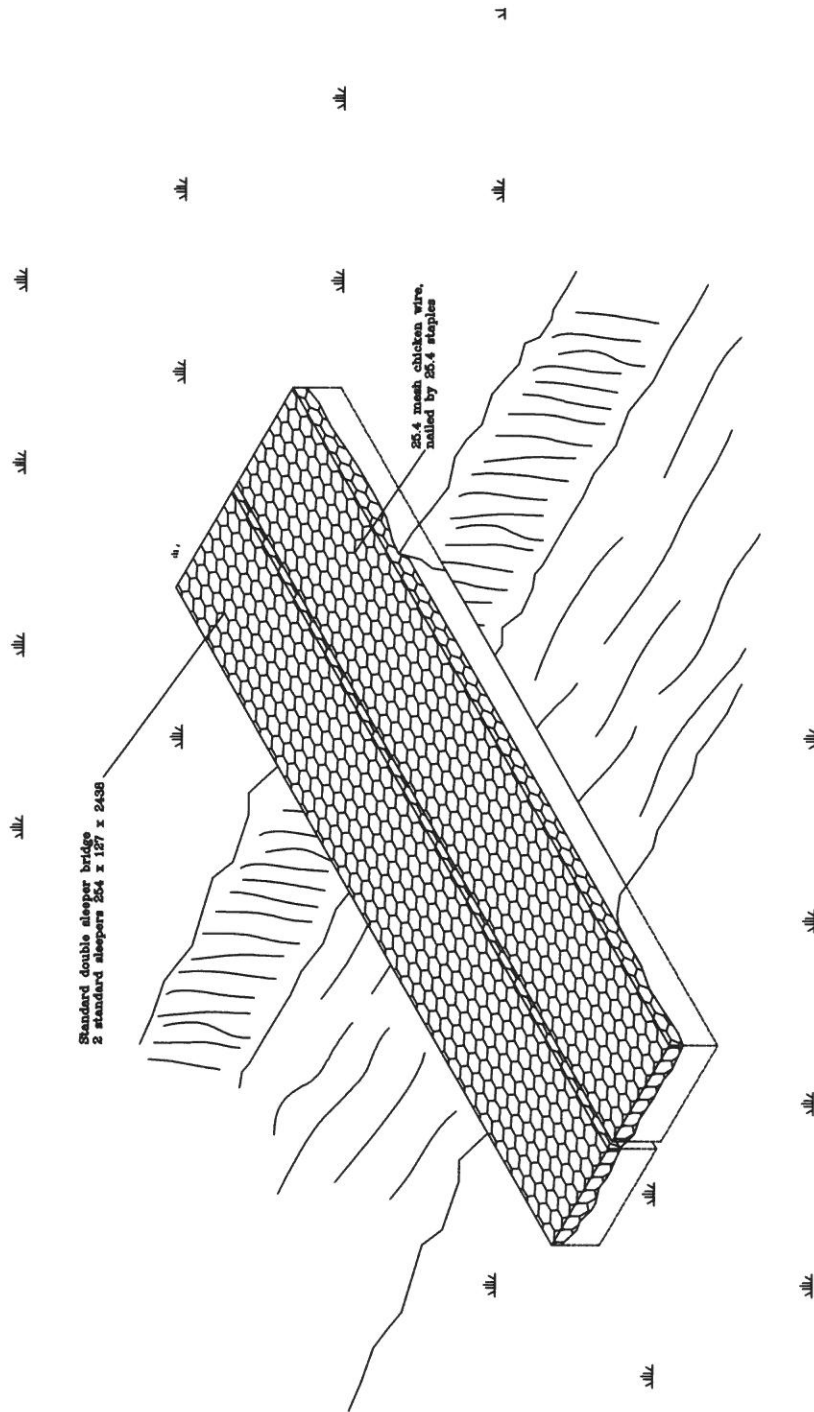


ELEVATION

PLAN

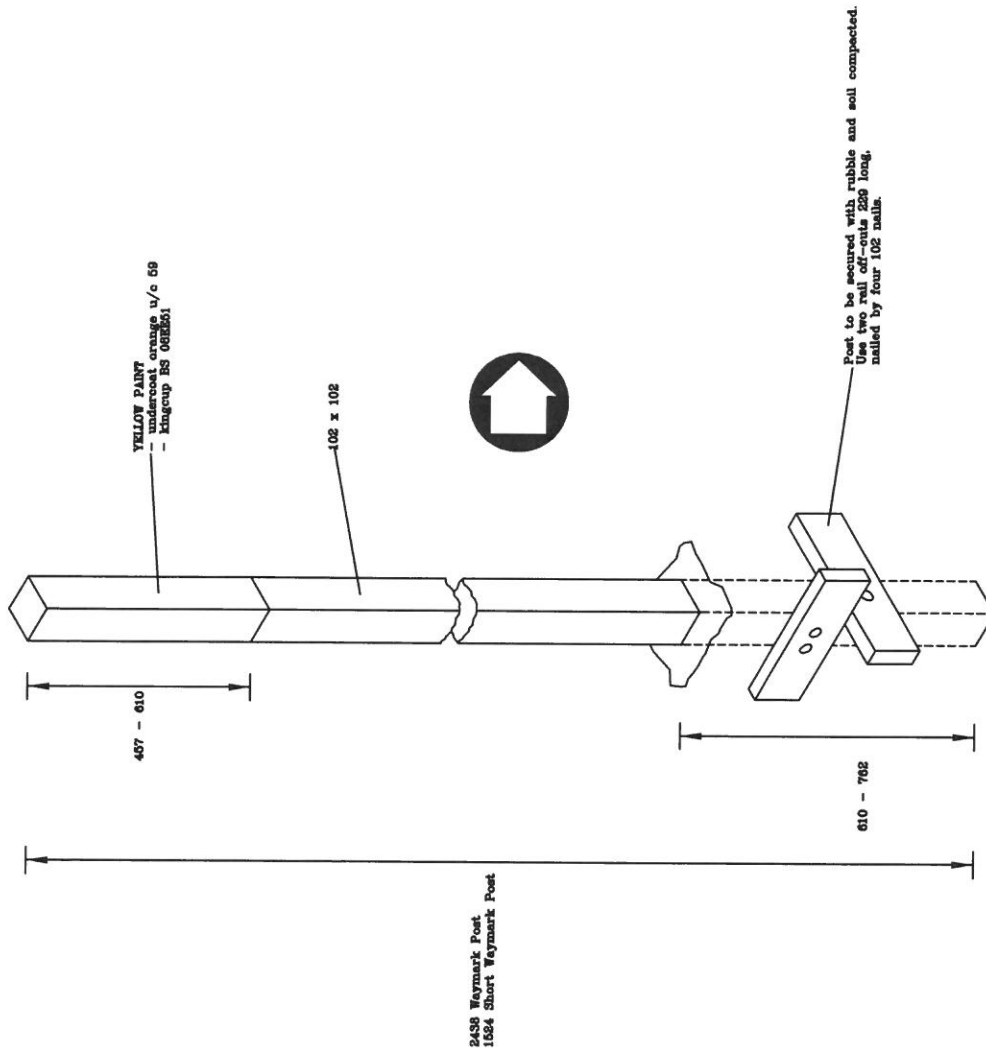
Notes:

1. All dimensions are in millimetres
2. All ferrous materials shall be galvanised to the requirements of BS 729
3. All materials and construction shall be to the satisfaction of the Highway Act 1980 or any amendment or revision thereof



Notes:

1. All dimensions are in millimetres
2. All ferrous materials shall be galvanised to the requirements of BS 729
3. All materials and construction shall be to specification for Highway Works 1988 or any amendment or revision thereof
4. All timber shall be in accordance with the appropriate standards in BS 5706 and any further requirements in Appendices 3/1 and 1/15 and BS 5706.



STANDARD DETAIL DRAWING -
WAYMARK POST

Drawing No.

H57

Date: April 2002

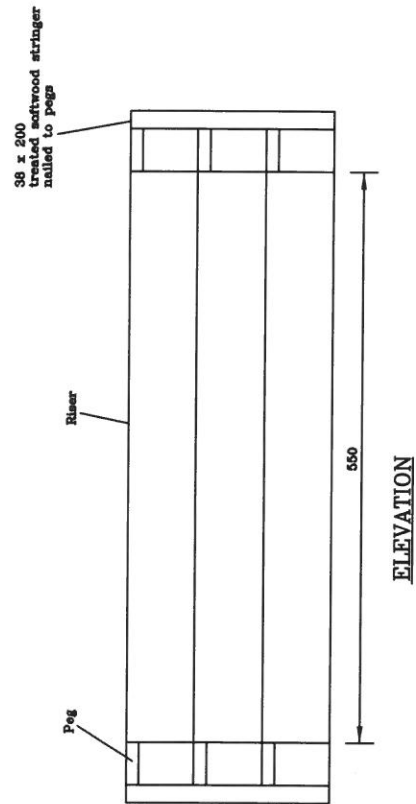
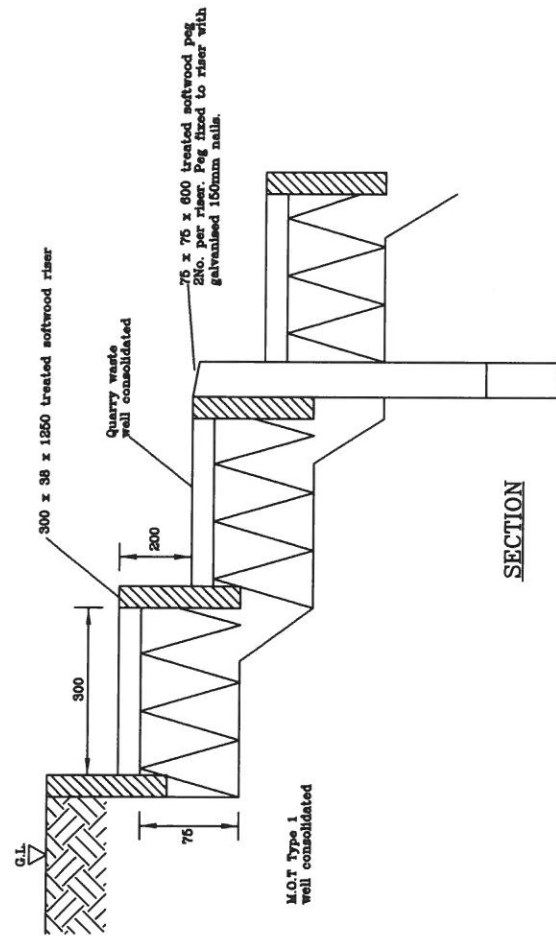
Drawn By: R/H

Checked By: BO

Scale: (Not to Scale)

FOOTPATHS

MR S. WILLIAMS B.Sc. CEng. JCR. JCR. JCR.
Chief Engineer
Isle of Wight Council
Engineering & Construction
11/11/02



- Notes:
1. All dimensions are in millimetres
 2. All ferrous materials shall be galvanneal to the requirements of BS 729
 3. All materials and construction shall be to specification for Highway Works 1996 or any amendment or revision thereof
 4. All timber shall comply with Clause 304 unless otherwise stated in appendix 1/16

1. All dimensions in millimetres unless otherwise stated.
2. Fencing to follow general ground profile, with minor adjustments to obtain a good line.
3. Concrete footings for intermediate posts only are to be as directed by the Engineer.
4. Straining posts to be provided at significant changes of horizontal and vertical conditions and at ends of fence. Maximum spacing of straining posts to be 70m or as directed by the Engineer.
5. Top, bottom and middle wires of netting and all extra wires to be secured at each post with galvanised staple size 40 x 4.
6. Metal fittings to be mild steel galvanised complying with BS 728.
7. Netting and wires to be on field side of posts, unless otherwise stated.
8. All timber shall comply with Clause 304 unless otherwise stated in appendix 1.15.
9. All materials and construction shall be to specification for Highway Works 1998 or any amendment or revision thereof.
10. Plain wire to be on opposite side of post to barbed wire unless otherwise stated.
11. Pig wire netting to comply with BS 1722.



WOODEN POST AND PIG WIRE NETTING FENCE

(illustrated with 3 strands barbed wire).

NOTES

1. ALL DIMENTIONS ARE IN MILLIMETRES.
2. The temporary fencing shall be maintained in each field until:-
 - i. all the works have been completed in the field including
 - ii. reinstatement to the Engineers satisfaction and
 - iii. grass seeding performed by the Contractor has produced vigorous growth capable of surviving use by livestock without permanent damage.
3. Pig wire netting shall conform to BS 1722.

