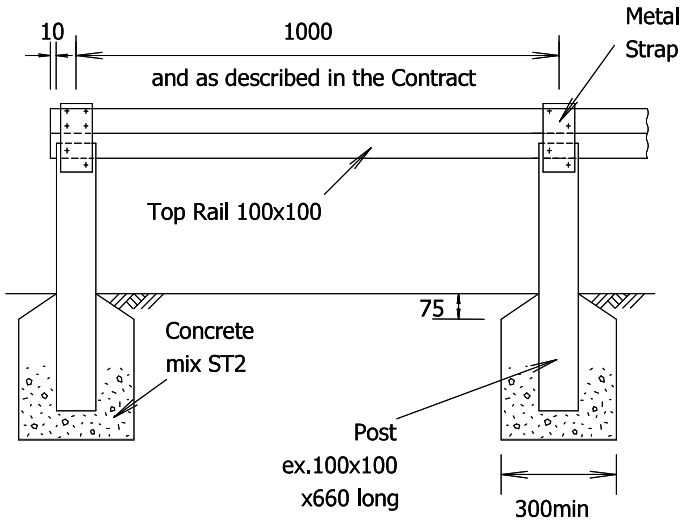
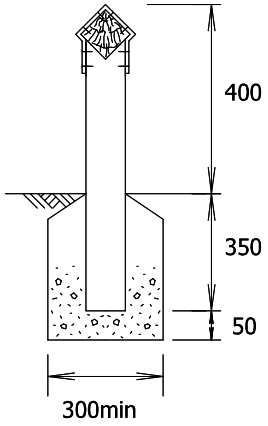
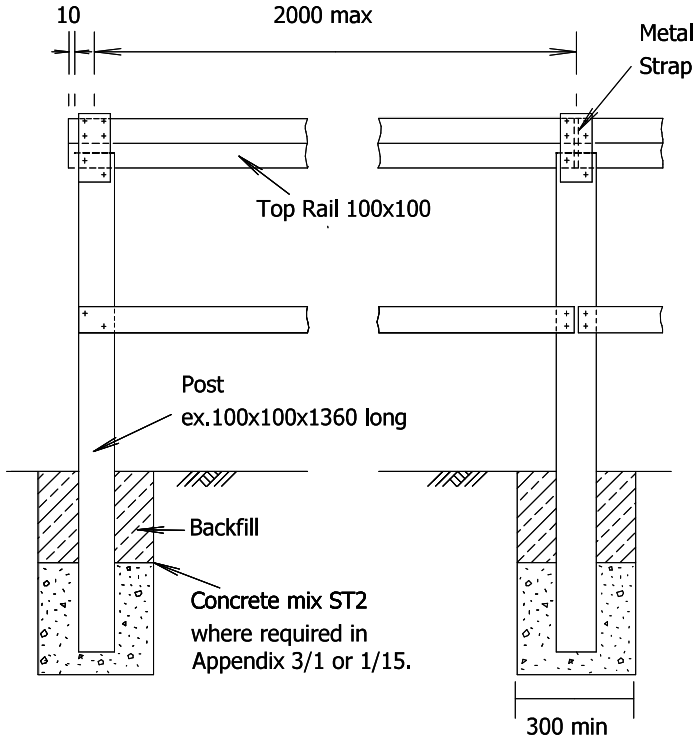
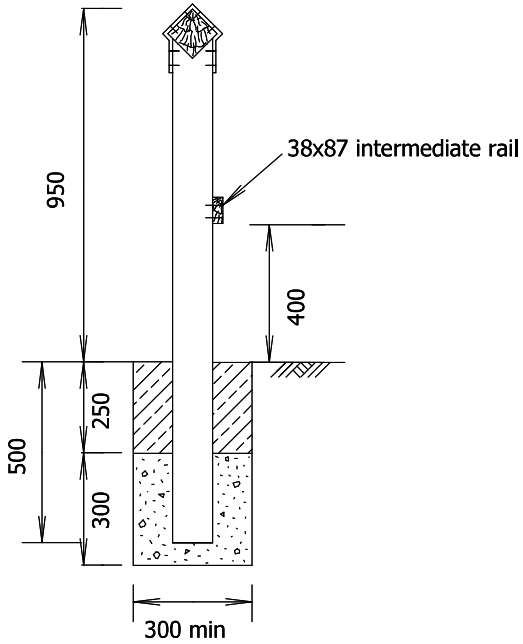




TIMBER PEDESTRIAN BARRIER - TYPE A





TIMBER PEDESTRIAN BARRIER - TYPE B

NOTES

1. All Dimensions are in Millimetres
2. Specification Clause 306 applies unless otherwise stated in Appendix 3/1 or Appendix 1/15.
3. All timber shall comply with Cl 304 and BS 8417:2011+A1:2014 otherwise stated in Appendix 3/1 or Appendix 1/15.
4. Nails shall be round plain head galvanised nails to BS 1202-1:2002
5. Metal Straps suitable for the purpose 550x100x2 to be zinc galvanised and shall be pre-drilled for nails.
6. Intermediate rail shall be nailed to each post with 2No.4x100 nails.
7. Top rail/strap/post nails to be 3.35x65.

Rev	Detail	By	Date
Revisions			

Original Version		Preliminary	
		For comment	
Drawn: RS		For tender	
Design: RS		For construction	✓
		As constructed	
Date: Aug 2019		Other	

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Project Name
Highway Works Details
Series 300

Drawing Title
Timber Pedestrian Barrier

Grid reference :			
Original Drawing Size : A4		Dimensions : mm	
Scale : NTS		Copyright © Amey SCC	

Drawing No	Rev
03.06	C0

A4

	Height to top of top rail	BS Reference
Fig. 1	1100mm	BS 1722:2006+A1:2018 SPR 11/3
Fig. 2	1300mm	BS 1722:2006+A1:2018 SPR 13/4

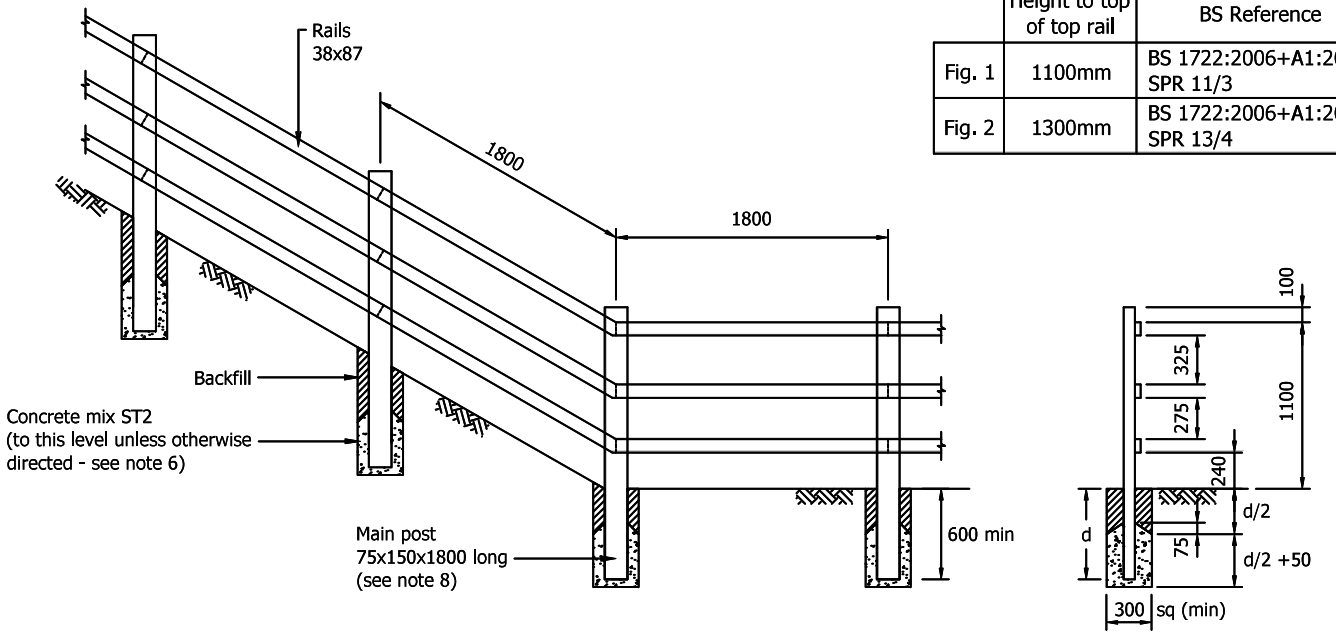


Fig. 1: 3 Rail Timber Fence

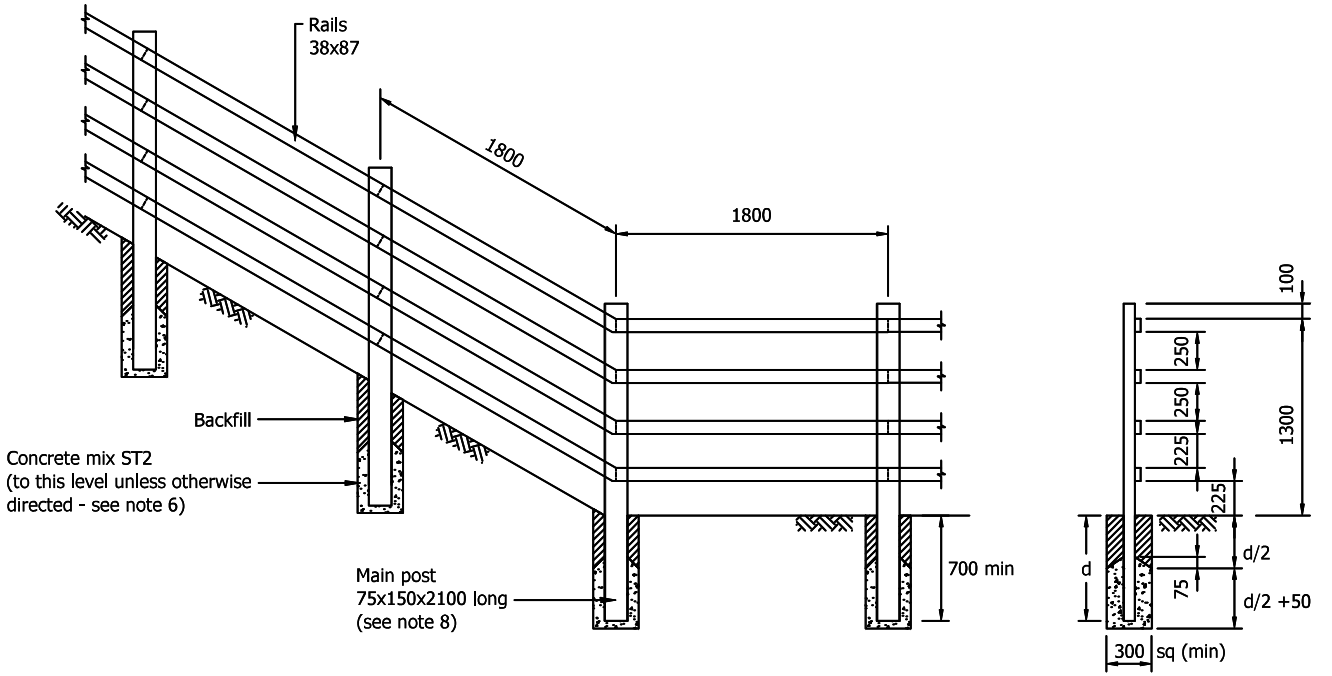


Fig. 2: 4 Rail Timber Fence

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. BS 1722-7:2006+A1:2018 applies unless stated otherwise.
3. Additions of plain wire, barbed wire, wire netting, shall be described in Appendix 1/15.
4. Where the fence either forms a boundary between the highway and private property, or is a protective fence for a hedge on the highway boundary, then the rails shall be fixed to the private property side of the posts, unless otherwise stated in Appendix 1/15.
5. All timber shall comply with Cl 304 and BS 8417:2011 +A1:2014 otherwise stated in Appendix 3/1 or Appendix 1/15.
6. Concrete backfill to intermediate posts shall be where shown on the drawings and described in Appendix 1/15.
7. Requirements for trimming ground on the line of the fencing shall be stated in Appendix 1/15.
8. Requirements for additional length posts, additional posts and rails, at specified locations shall be stated in Appendix 1/15.

Rev	Detail	By	Date
C1	Amended concrete to provide chamfer around top of foundation.	JP	18.08.2025

Revisions

Original Version		Preliminary	
		For comment	
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Mohankumar, Mahesh (Place) Digitally signed by Mohankumar, Mahesh (Place) Date: 2025.11.19 14:51:32 Z

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Michael Smith Digitally signed by Smith, Michael S (Place) Date: 2025.12.05 10:55:17 Z

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Project Name
Highway Works Details
Series 300

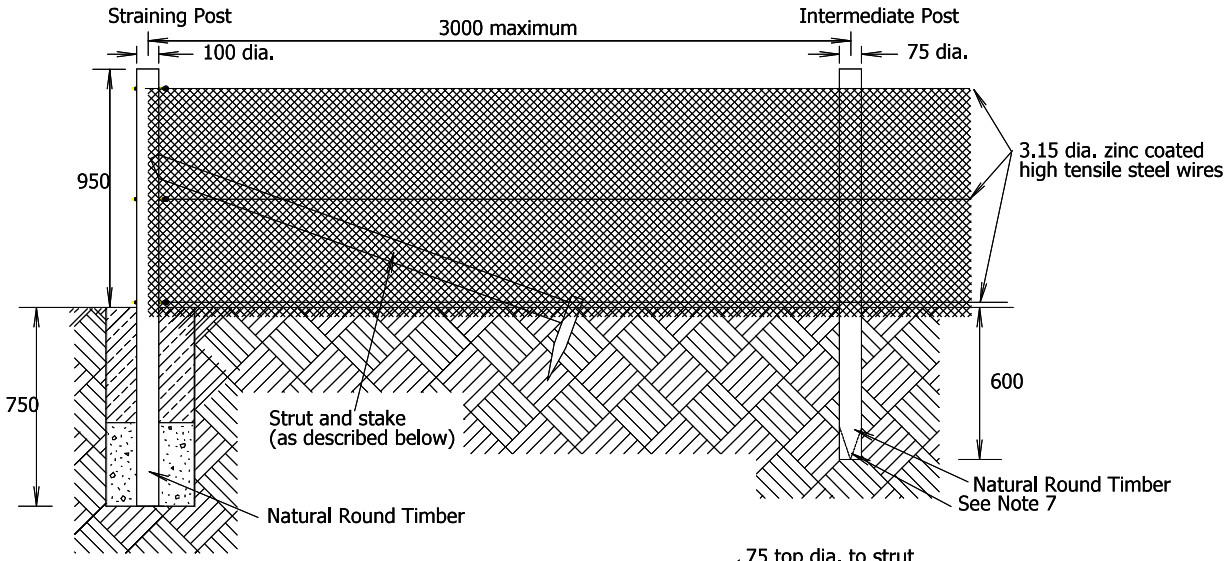
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Timber Post and Rail Fence

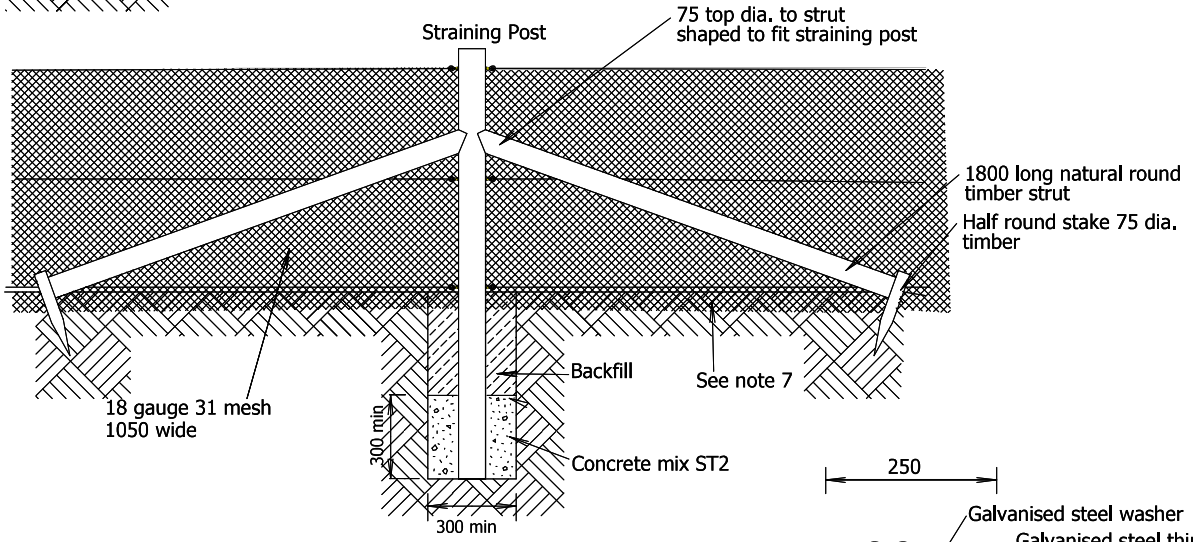
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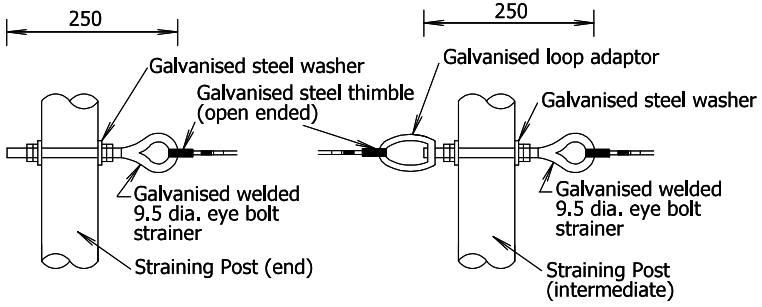
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Drawing No 03.07 | Rev C1





MESH FENCES - Wooden Posts



TYPICAL DETAILS OF EYE BOLT STRAINERS

(i) to end straining post (ii) to intermediate straining post

NOTES

1. All dimensions are in millimetres.
2. Straining Posts to be provided at intervals not exceeding 100 metres in straight lengths, changes in direction and vertical alignment, at ends.
3. Struts to be nailed to stake and straining post with 1 No. 100 x 4 dia. galvanised round steel nail.
4. Horizontal wires to comply with BS 4102:1998, to be tensioned using eye bolt strainers and fittings, in accordance with BS 1722-2:2006.
5. Horizontal wires attached to intermediate posts with 40 x 4 staples, not driven home (to allow wire movement).
6. Steel wire mesh fixed to straining posts and intermediate posts with 40 x 4 staples. Mesh fixed to horizontal wires with either netting rings or galvanised wire ties at 500 centres.
7. Bottom 250 width of mesh to be buried, 100 vertical and 150 turned out on side of fence that is to contain animals.
8. Preservation of timber in accordance with BS 8417:2011 +A1:2014

Rev	Detail	By	Date
Revisions			

Original Version		Preliminary	
		For comment	
Drawn: RS		For tender	
Design: RS		For construction	✓
		As constructed	
Date: Aug 2019		Other	

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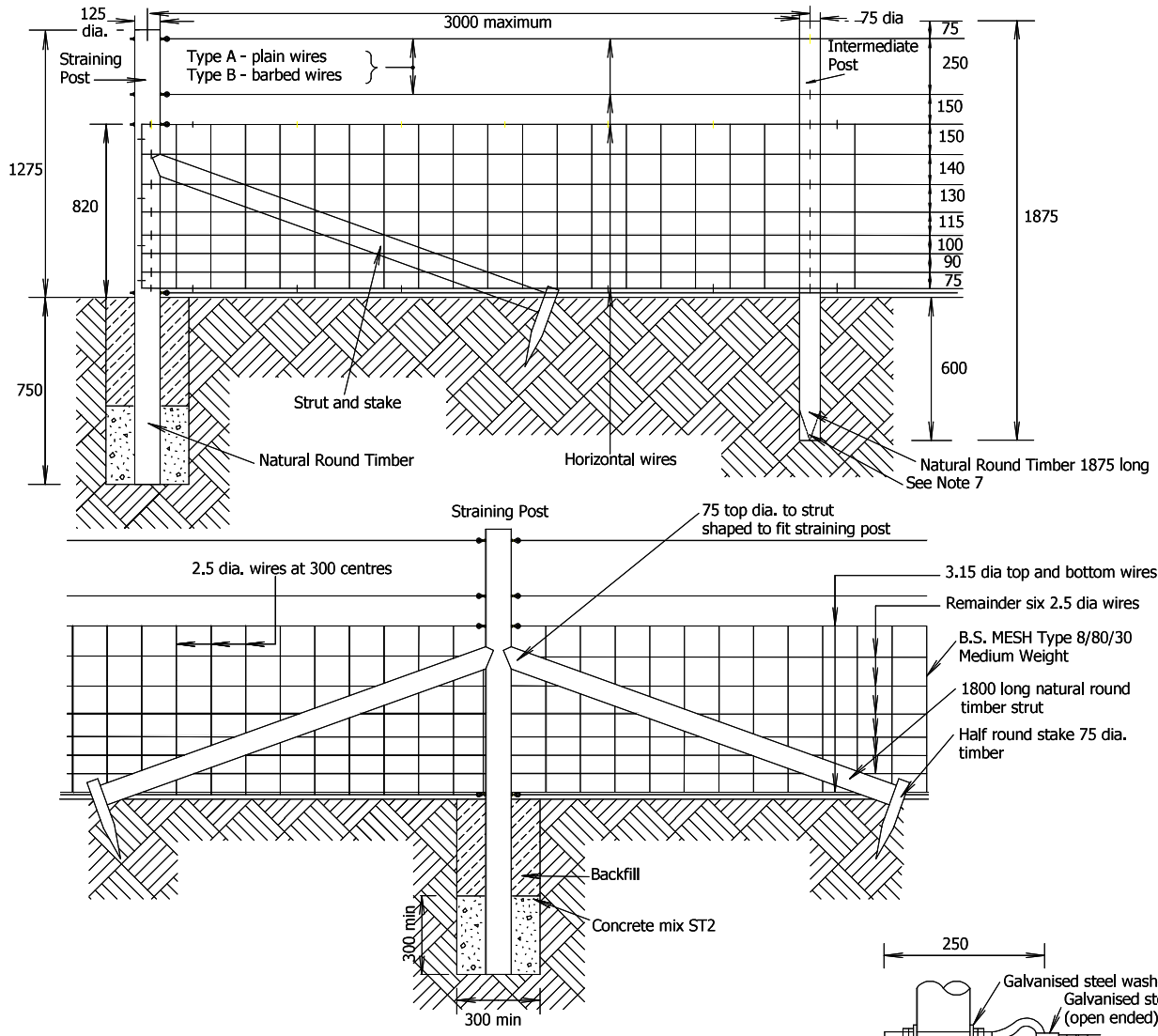
Project Name
Highway Works Details Series 300

Drawing Title
Rabbit Proof Mesh Fences

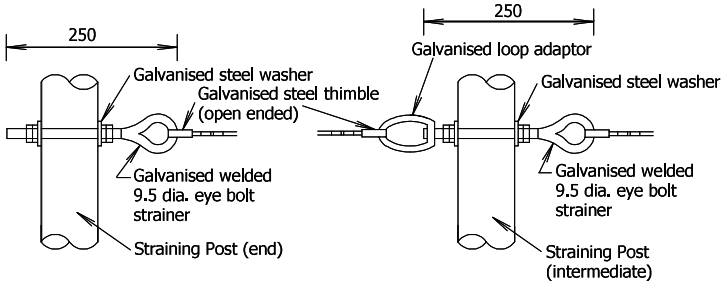
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Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
03.08	C0

A4



STOCK PROOF FENCES - Wooden Posts



TYPICAL DETAILS OF EYE BOLT STRAINERS

(i) to end straining posts (ii) to intermediate straining post

NOTES

1. All dimensions are in millimetres.
2. Straining Posts to be provided at intervals not exceeding 100 metres in straight lengths, changes in direction and vertical alignment, and at ends.
3. Struts to be nailed to stake and straining post with 1 No. 100 x 4 dia. galvanised round steel nail.
4. Horizontal wires to be zinc coated and comply with BS4102:1998, to be tensioned using eye bolt strainers and fittings in accordance with BS 1722-2:2006.
5. Horizontal wires attached to intermediate posts with galvanised 40 x 4 staples, not driven home (to allow wire movement).
6. Galvanised steel wire mesh to be attached to posts with 40 x 40 galvanised staples. At intermediate posts staple only horizontal wires, not driven home (to allow wire movement).
7. If posts are to be driven then bottom end shall be pointed for 225.
8. Preservation of timber in accordance with BS 8417:2011+A1:2014

Rev	Detail	By	Date
Revisions			

Original Version		Preliminary	
		For comment	
Drawn: RS		For tender	
Design: RS		For construction	✓
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Date: Aug 2019		Other	

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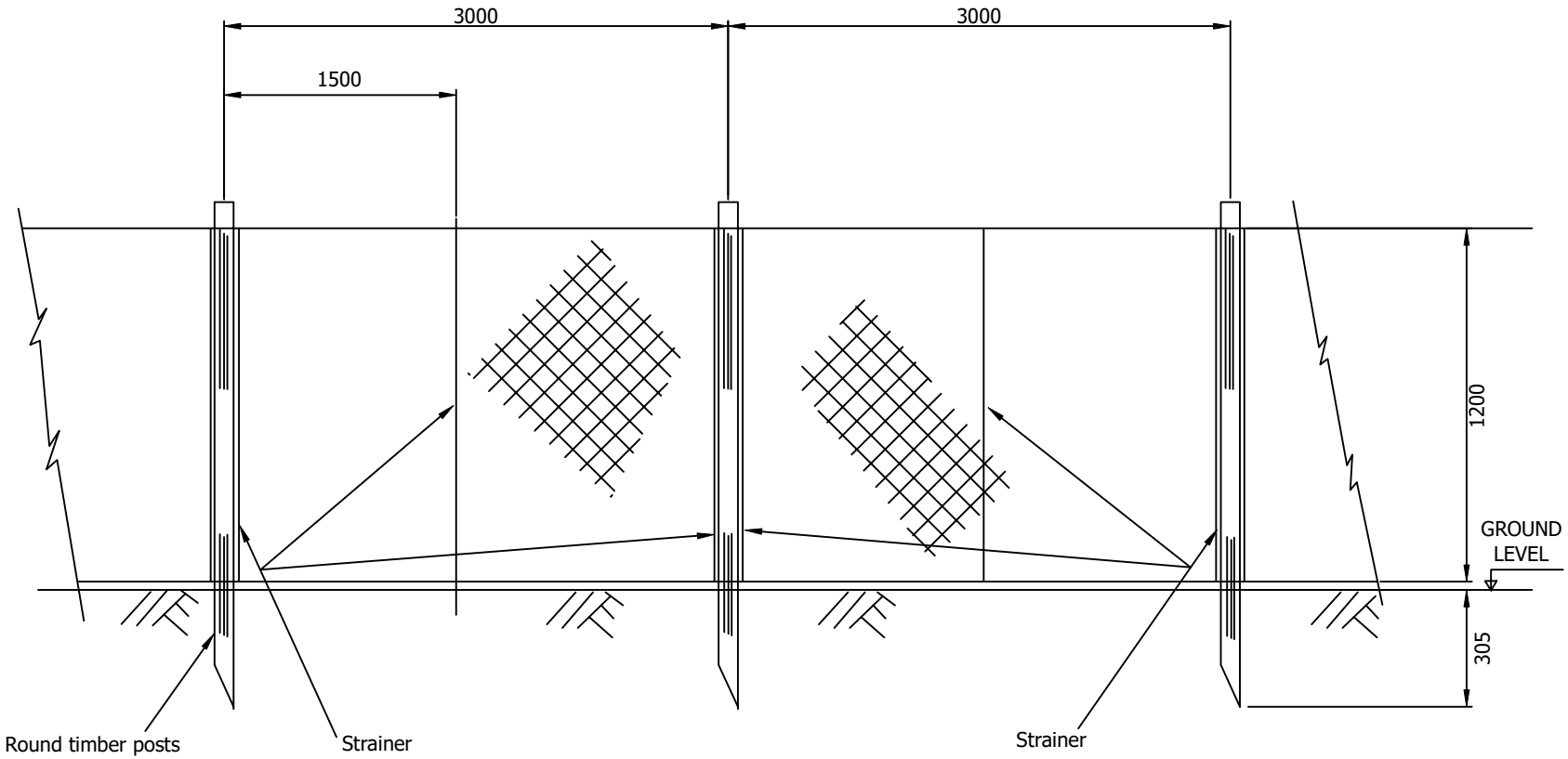
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Project Name
Highway Works Details Series 300

Drawing Title
Stock Proof Mesh Fences

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
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Drawing No	Rev
03.12	C0



NOTES

1. Fencing rolls are approx. 30m in length.

Rev	Detail	By	Date

Revisions

Original Version	Preliminary
	For comment
Drawn: DH	For tender
Design: DH	For construction ✓
	As constructed
Date: April - 2019	Other

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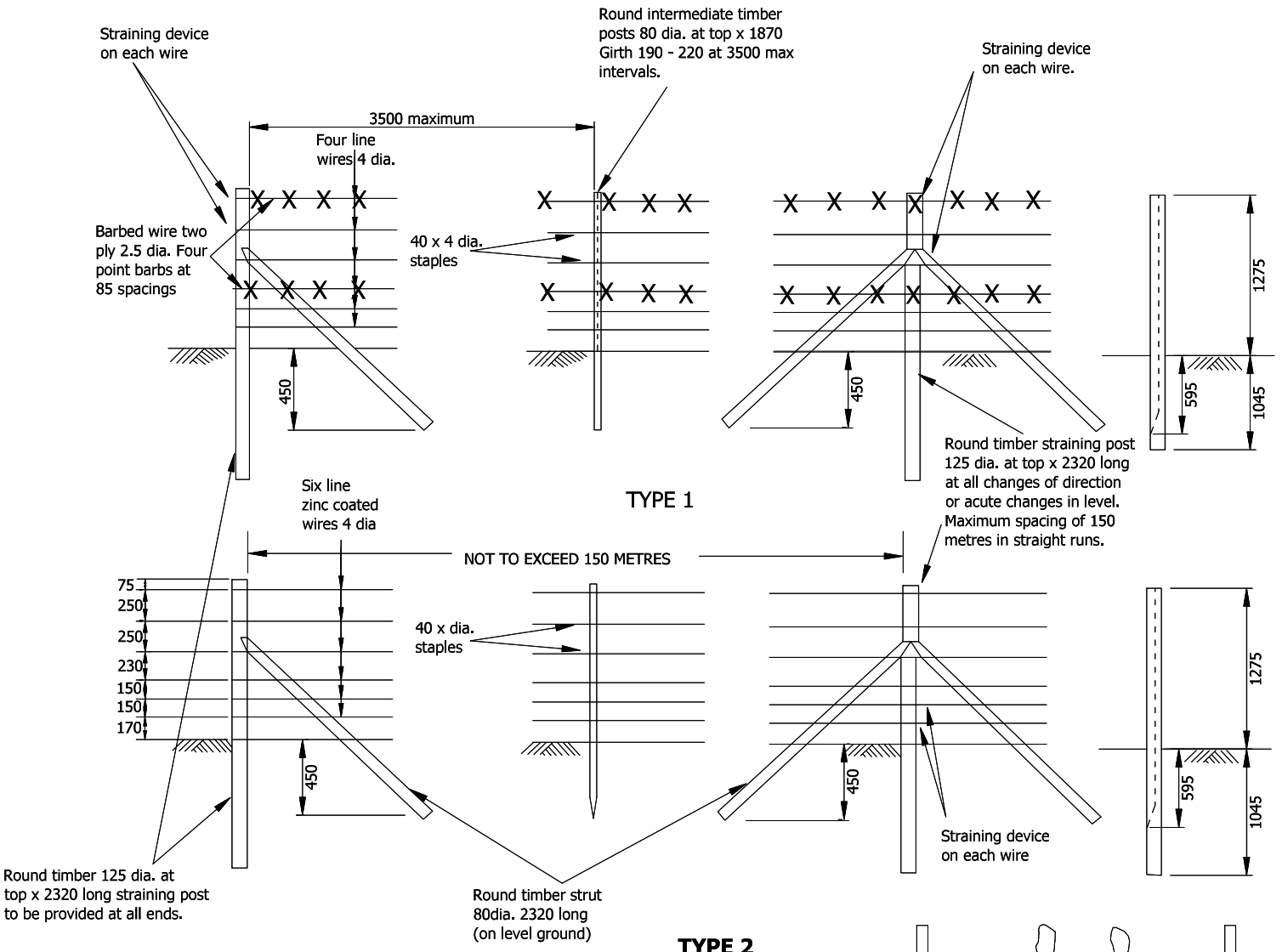
Project Name
Highway Works Details
Series 300

Drawing Title

Erection of
Plastic Snow Fencing

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
03.13	C0



NOTES

1. All dimensions are in millimetres.
2. Type 1 - BS 1722-2:2006 Type SW120 with mild steel barbed wire complying with BS 4102:1998 fixed to the top line wire and the third line wire from the ground and as shown on this detail.
3. Type 2 - BS 1722-2:2006 and as shown on this detail.
4. All line wire, stirrup wire and barbed wire shall be zinc coated to comply with BS EN 10244-2:2009.
5. When these fences are used in conjunction with quickset Hawthorn Hedge, the centre line of the fence shall be offset by 500mm from the centre line of the hedge.
6. Where the hedge is to be protected from cattle, a stock proof fence shall be erected on either side of the hedge.
7. Type 1 - Barbed Wire is not to be used adjacent to public footpaths.

Rev	Detail	By	Date
Revisions			

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		For comment	
Drawn: RS		For tender	
Design: RS		For construction	✓
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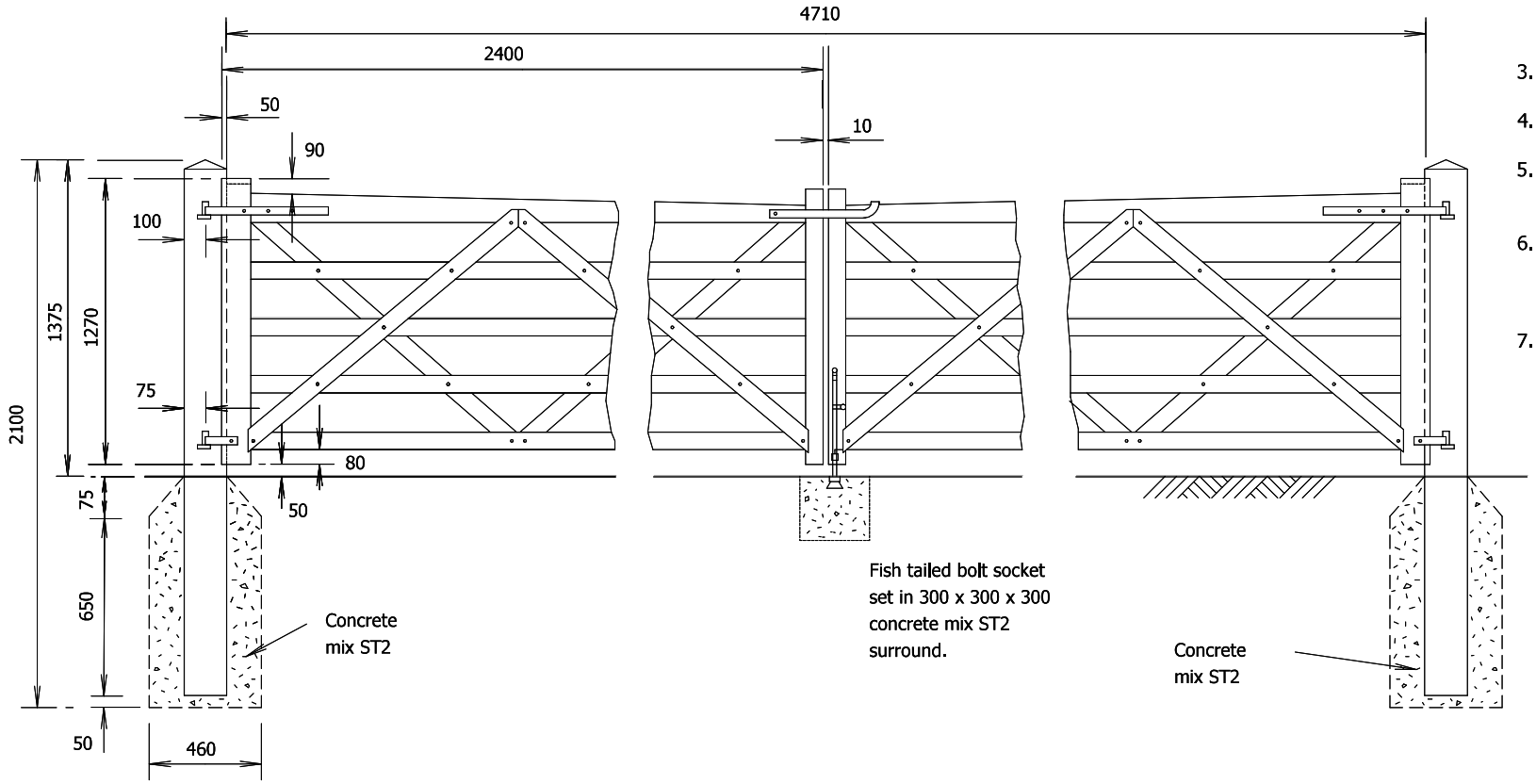
Project Name
Highway Works Details
Series 300

Drawing Title
Temporary Fences
Type 1 and 2

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
03.14	C0

A4



NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Gates shall comply with the appropriate Clauses in the 300 Series, any further requirements in Appendix 1/15 or 3/1 and with BS 5709:2018.
3. Drop bolts and catches shall be galvanised to comply with BS EN ISO 1461:2009.
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 of the Highway Construction Details.
6. The gate shall be hung as shown for self closing with self latching stop post as shown on Drawing No. H33 of the Highway Construction Details.
7. The gate shall open away from highway.

DESCRIPTION OF TIMBER MATERIALS.	SIZE.
Hanging post for both gates.	200 x 200 x 2100 long.
Hanging stile.	100 x 75.
Shutting stile for both gates.	75 x 75.
Top rail	100 x 75 tapering to 75x75
All other rails	75 x 25.
Braces housed in top rail.	75 x 25.

Rev	Detail	By	Date
Revisions			

Original Version		Preliminary	
		For comment	
Drawn: RS		For tender	
Design: RS		For construction	✓
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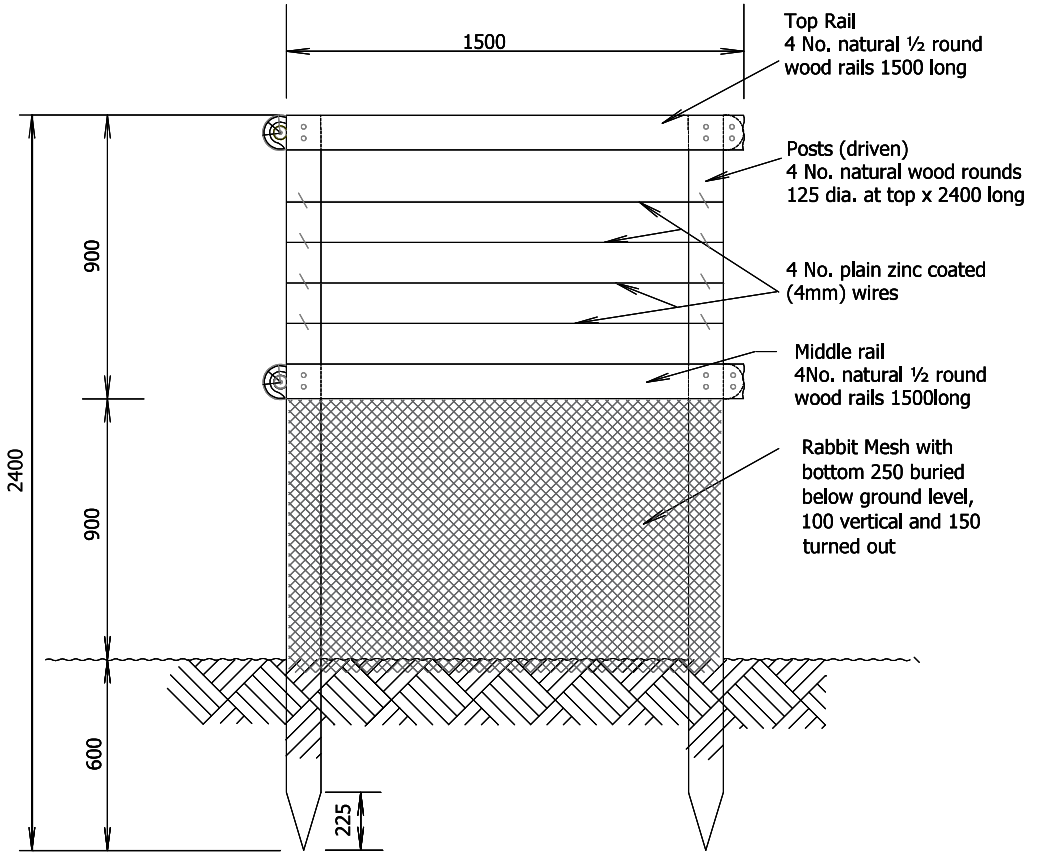
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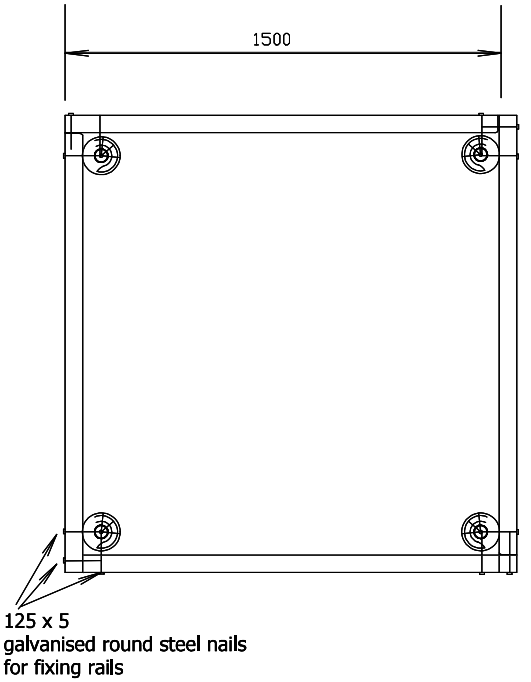
Project Name
Highway Works Details
Series 300

Drawing Title
Timber Double Field Gate
Type 2

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
03.31	C0





Plan View

Type A : with plain line wires (as shown above)

Type B : with barbed wire substituted for plain wires.

NOTES

1. All Dimensions are in Millimetres
2. Rabbit mesh and wires to be attached with galvanised staples, 40 x 4. In urban areas, rabbit mesh can be replaced with additional wooden rails.
3. Timber to comply with BS1722-2:2006.
4. Barbed wire version to have 3.15mm dia. zinc coated steel barbed wire to BS 4102:1998.

Rev	Detail	By	Date
Revisions			

Original Version		Preliminary	
		For comment	
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Design: RS		For construction	✓
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Project Name
Highway Works Details
Series 300

Drawing Title
Individual Tree Guard

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
03.51	C0