

WOODEN POST AND RAIL FENCING

NOTES (To be read in conjunction with DRG No. SBC/STD/300/02)

GENERAL

1. All dimensions are in millimeters unless otherwise stated.
2. BS 1722 Part 7 applies unless otherwise stated.
3. Fencing to follow the ground profile with small adjustments to height as necessary to obtain flowing alignment.
4. Permanent fencing shall be erected immediately on possession of the site in accordance with clause 302 of the specification.

MATERIALS

1. All timber shall comply with specification clause 304 and Appendix 3/2.
2. Dimensions of posts shall be listed in the tables.
3. Rails shall have a section of 38mm x 87mm.
4. Prick posts shall be pointed for driving.
5. Nails shall be 4mm x 100mm galvanised in accordance with the requirements of BS EN ISO 1461.

ERECTION - Nailed Post and Rail Fencing

1. Main posts shall be set at intervals not exceeding 1.800m.
2. Posts wherever possible shall be driven. Where driving is not possible the holes shall be as small as practicable to allow for refilling with earth, which shall be well rammed as the filling proceeds and re-rammed as and when required.
3. Where a fence forms a boundary between a highway and private property, the rails shall be fixed to the private side.
4. The rails shall be butt-jointed on the centre line of posts. The joints shall be staggered so that alternate joints occur on one post. The rails shall be nailed to the posts with two nails at the centre. The nails shall be 4mm x 100mm round wire nails driven in on the skew. No end splits caused by nailing shall be permitted.

ERECTION - Morticed Post and Rail Fencing

1. Main posts shall be set at intervals not exceeding 2.850m.
2. Posts wherever possible shall be driven. Where driving is not possible the holes shall be as small as practicable to allow for refilling with earth, which shall be well rammed as the filling proceeds and re-rammed as and when required.
3. Where a fence forms a boundary between a highway and private property, the prick posts shall be fixed to the private side.
4. The rails shall fit into the mortices in the posts and shall be nailed to each prick post with two 100mm wire nails of each intersection, the ends of the nails being clinched. Joints in rails shall be scarfed, the length of the scarf being not less than 150mm.

ERECTION - General

1. Where concrete backfill is specified the holes will not be less than 300mm square. Holes will be filled up to half their depth with concrete which will be well rammed as filling proceeds. Before the concrete has set the remainder of the hole will be filled with suitable material and well rammed as filling proceeds.
2. Concrete to be class C10P.

[illegible]

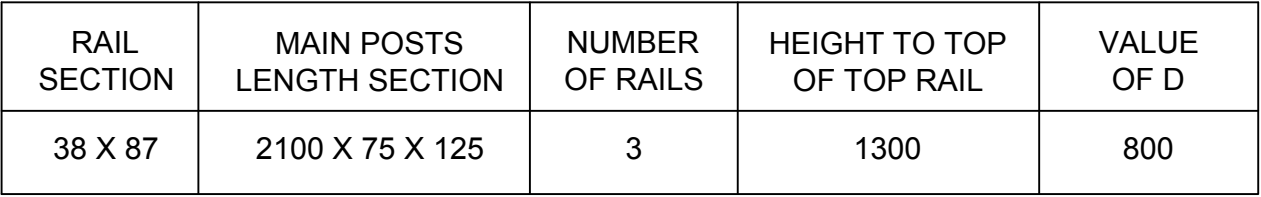
B Brannan,
Board Director - Service Delivery
Wat Tyler House West,
Swindon, SN1 2JG
Telephone (01793) 463000

J Humm,
Head of Highways & Transport

Client: Swindon Borough Council

STANDARD DRAWING
POST AND RAIL FENCING
TO BS 1722 PART 7
FENCING NOTES

Designed DW	Scale NTS	Date Mar 2017	Revision
Drawn MA	Drawing no.		A
Checked SG	SBC/STD/300/01		



1. See Standard Drg No.
SBC/STD/300/01

[illegible]

B Brannan,
Board Director - Service Delivery
Wat Tyler House West,
Swindon, SN1 2JG
Telephone (01793) 463000

J Humm,
Head of Highways & Transport

Client: Swindon Borough Council

STANDARD DRAWING

POST AND THREE RAIL FENCING

Designed DW	Scale NTS	Date Mar 2017	Revision
Drawing no.			A
MA			
Checked SG	SBC/STD/300/02		