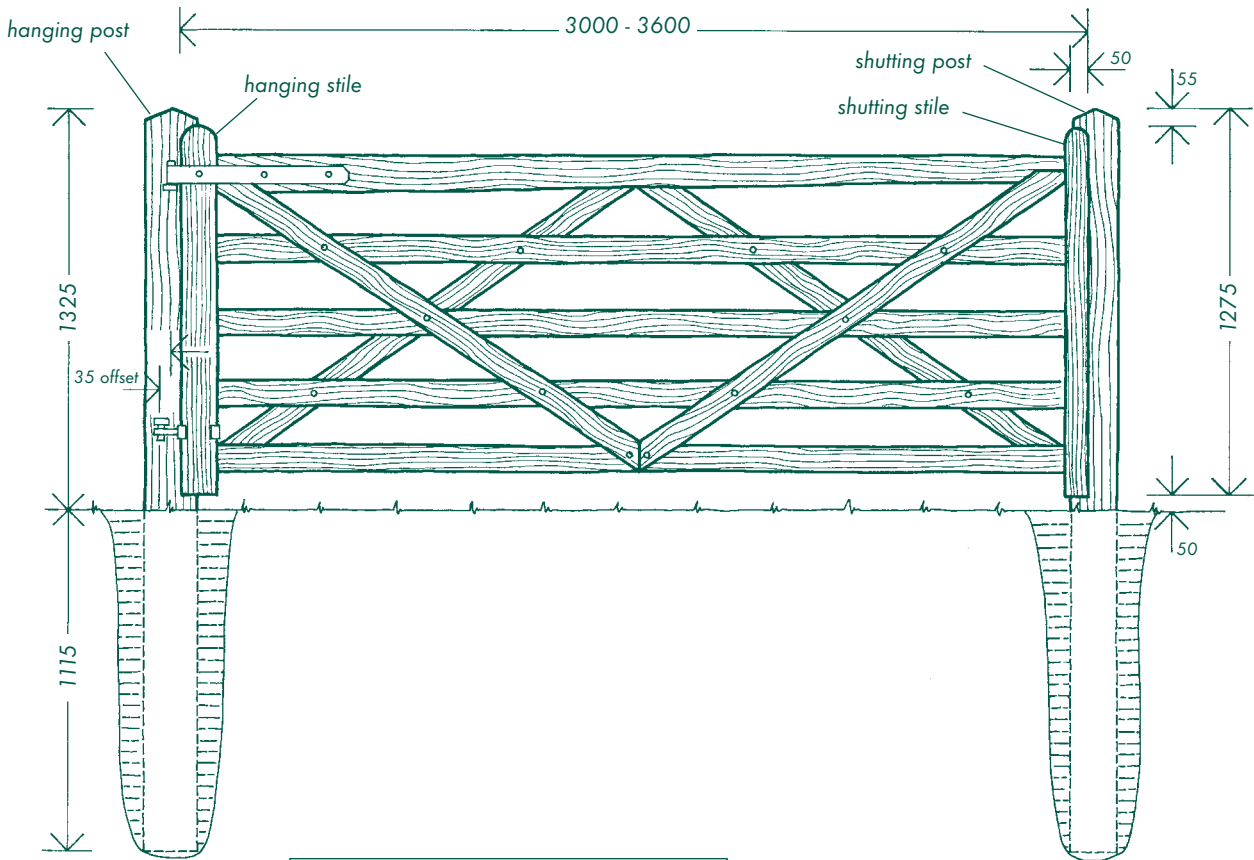
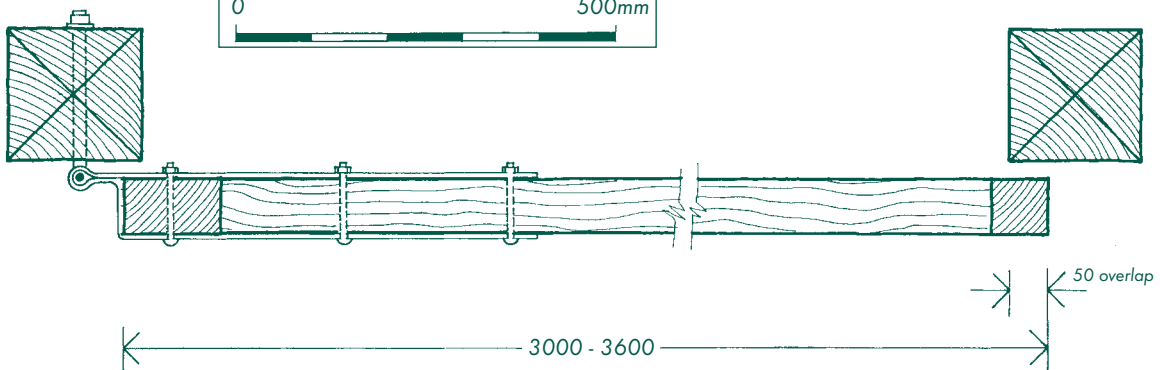




**2.1A Front Elevation**  
Scale 1:25  
0 1000mm



**2.1B Plan**  
Scale 1:10  
0 500mm



Conforms to BS 5709	Stockproof	Ease of use for Pedestrians	Accessible to Motorised Wheelchair Users	Accessible to Manual Wheelchair and Pushchair Users	Accessible to Horseriders	Accessible to Pedal Cyclists	Accessible to Motorcyclists
✗	✓	☹️	✓ <sup>1,2</sup>	✓ <sup>1,2</sup>	✓ <sup>1</sup>	✓ <sup>1</sup>	✓

<sup>1</sup> accessible, but not very convenient or suitable for the purpose  
<sup>2</sup> assumes the fitting of a latch suitable for wheelchair users



### • Notes

A standard design of timber field gate, commonly available in 3.0 metre and 3.6 metre lengths, or in corresponding imperial sizes of 10' 0" and 12' 0" respectively. The standard height of field gates is 1220 (i.e. 48") measured along the hanging or shutting stile.

Field gates can be purchased from fencing contractors and suppliers of fencing materials. Design details will vary between manufacturers and according to local/traditional styles. Key differences will be in the timber sizes used in construction and in the separation between the rails.

Field gates are not suitable for use on paths if they provide the only means of access. Most people will find them heavy and cumbersome and there is therefore an increased risk that they will be left open or climbed over. In such circumstances, it is recommended that a pedestrian gate is installed alongside. It should also be remembered that field gates will allow (possibly unwanted) access by motorcycles, cars and four wheel drive vehicles.

If installed on bridleways, a suitable catch should be fitted that is safe and easy for horseriders to use without dismounting; e.g. throw-over chain, hook-on chain, 'Gateasy' or 'Easy Latch' (see below for details).

Self closing hinges should be fitted to improve ease of use and reduce the risk of the gate being inadvertently left open.

Field gates fabricated from galvanised tubular steel are widely available from agricultural suppliers. Some people feel that steel gates are visually less attractive than timber gates and that they are less in keeping with the character of the countryside, especially in sensitive locations. They are, however, more robust and have a longer life expectancy.

Field gates probably do not conform to BS5709 because the force needed to fully open them is likely to be greater than the maximum specified by the BS performance requirements (i.e. 50 Newtons = approx. 5kg on a spring balance scale).

### • Construction and Installation Details

Hanging Post : 2440 x 175 x 175.

Shutting Post : 2440 x 175 x 175.

Hanging Stile : 1220 x 125 x 75.

Shutting Stile : 1220 x 75 x 75.

Top Rail : 125 x 75 at hanging stile tapering to 75 x 75 at shutting stile.

Cross Rails : 85 x 25 (approx.) planed.

Braces : 85 x 25 (approx.) planed.

Self Closing Hinges : Top - 600 double strap band with offset eye  
Bottom - adjustable } hinges offset by 35mm

Top and bottom rails should be morticed the full width and pegged; others should be half morticed. Braces should be morticed to the stiles and bolted to the rails.

When installing hanging and shutting posts, make the hole as narrow as possible and backfill with well rammed earth and stones. Concrete should not be required, except where ground conditions prevent the post hole being dug to the full depth.

The bottom hinge pin should be reversed, if necessary, to prevent gate removal.

### • Design Source and Contacts for Further Information

**Design Source :** Adapted from Design F6 (Field Gate - Timber) in 'Pennine Bridleway National Trail Design Guide' published by the Countryside Agency.

**Suppliers:** 'Throw-over chain' and 'hook-on chain' available from most agricultural suppliers and fencing contractors.

'Easy Latch' and self closing hinges (with fitting instructions) available from Centrewire Ltd., PO Box 11, Wymondham, Norfolk. NR18 0XD. Tel 01491 614490 Fax 01953 605637.

'Gateasy' available from Paddock Farm, Fairwarp, Uckfield, East Sussex. TN22 3DT. Tel/Fax 01825 712303.