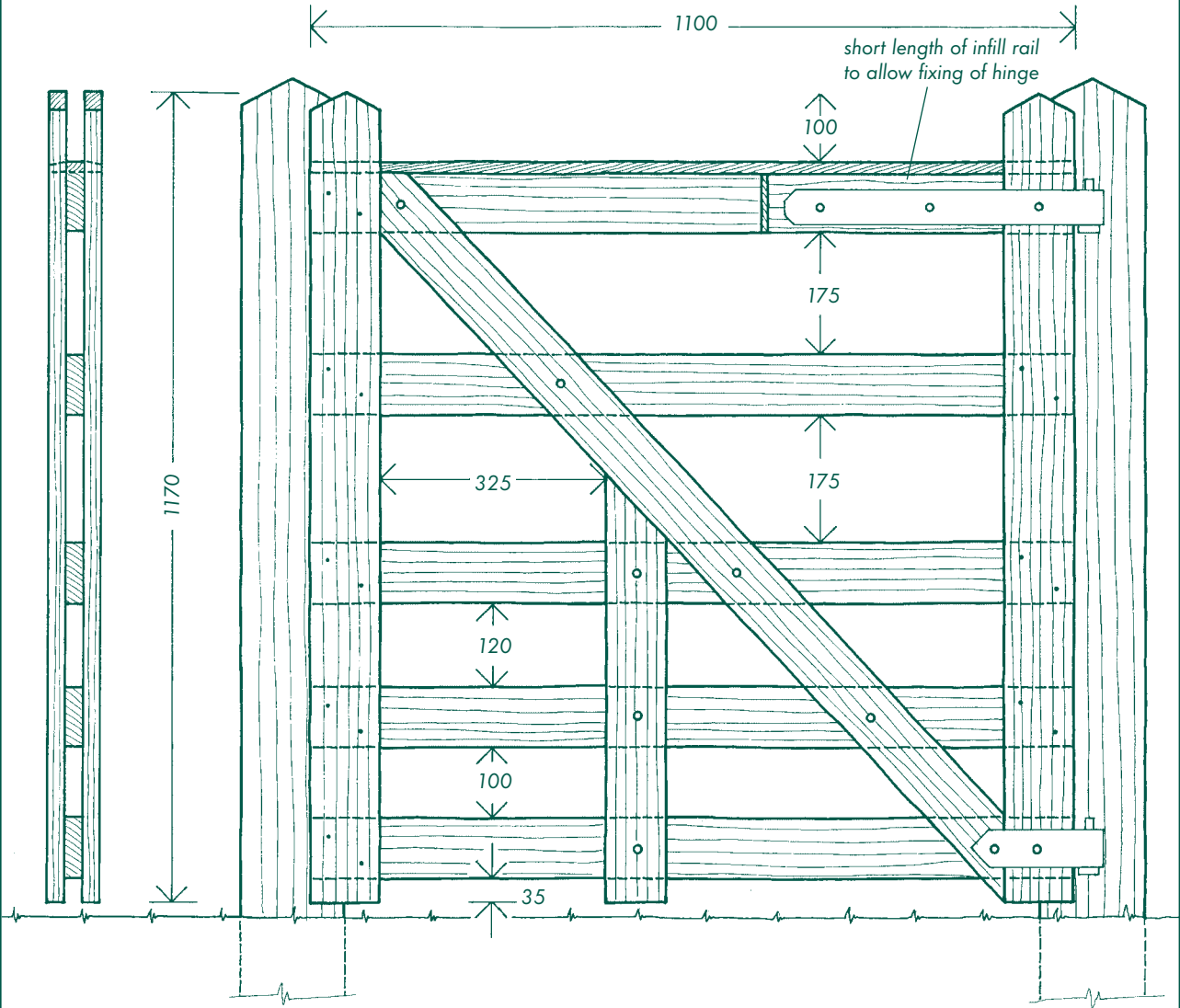
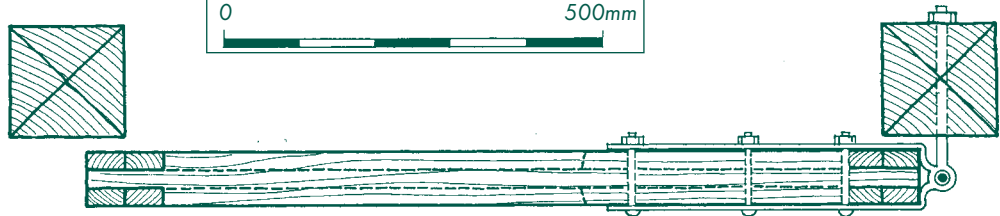




2.5A Front & Side Elevations
Scale 1:10
0 500mm



2.5B 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
✓	✓	☺	✓ ²	✓ ²	✓ ¹	✓	✓

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



• Notes

A very simple design of 'self-build' timber pedestrian wicket gate constructed from 88 x 25 rails. This design is based on one originally developed by the Countryside Commission for Scotland.

The gate width of 1100 and gap width of 1000 shown overleaf is sufficient to provide access for pedestrians and for single and double pushchairs. It will also be accessible to disabled people using manual and motorised wheelchairs provided that a suitable latch mechanism is fitted (see below). This specification conforms to BS5709.

In practice, the 'self-build' nature of this design means that the dimensions of the gate can be adapted to suit the situation in which it is being installed. The separation between the rails can also be adjusted to tie in with an adjacent post and rail fence or kissing gate enclosure.

The design shown does not have self-closing hinges but these can be fitted if required.

Pedestrian wicket gates should be fitted with a latch that is safe and simple to use, such as a standard 'autolatch' or spring catch (available from most agricultural suppliers and fencing contractors). If the gate is likely to be used by people in wheelchairs, this should be replaced by a latch that is easy to manipulate and can be reached from a wheelchair; e.g. the 'Easy Latch' from Centrewire Ltd.

• Construction and Installation Details

The gate is constructed wholly from 88 x 25 rails. The main frame of the gate is formed from five horizontal 1100 lengths of rail. These are held in place by being sandwiched between the two 1170 lengths of rail that form each of the hanging stile and shutting stile. The same 'sandwiching' technique is used to reinforce the gate with a diagonal strut and short vertical strut on either side of the horizontal rails. A short length of infill rail is added to either side of the (hanging stile) end of the top rail to accommodate the fitting of the top hinge. Finally, a bevelled length of rail is used to form a capping along the top of the gate.

Galvanised nails, screws or bolts can be used for the fixings. In the design shown overleaf, screws have been used on the hanging and shutting stiles with coach bolts on the diagonal and vertical braces.

Hanging Post : 2440 x 150 x 150.

Shutting Post : 2440 x 150 x 150.

Hinges : Top - 600 double strap band.

Bottom - 127 double strap band.

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 Countryside Commission for Scotland 'Battleby Display Centre - Equipment and Materials for Countryside Recreation Sites'. Information Sheet 4.8.4.

Supplier: '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.

• User Notes : Design Modifications and Reference Information

