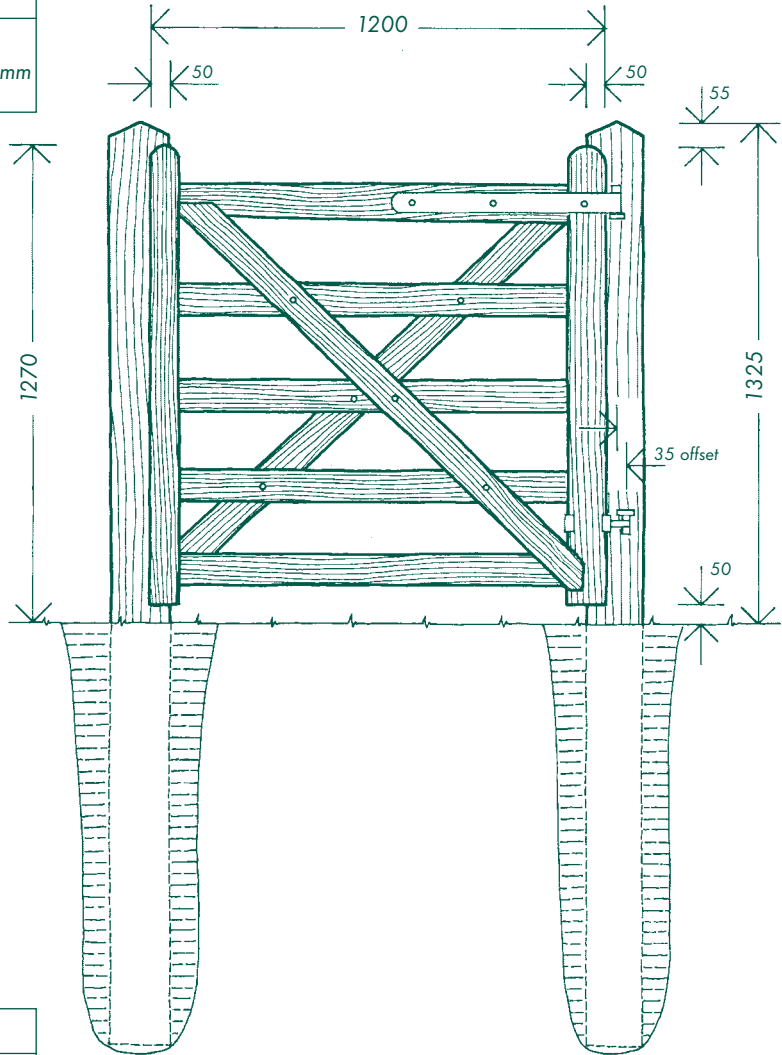
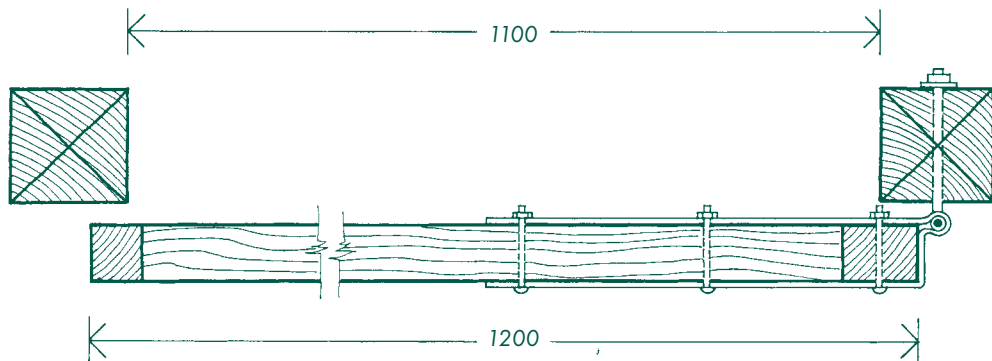




2.4A Front Elevation
Scale 1:20
0 1000mm



2.4B 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 Horsiders	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 basic design of timber pedestrian wicket gate, commonly available 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.

The gate width of 1200 and gap width of 1100 is sufficient to provide access for pedestrians and 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.

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

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.

A hinge and latching system to allow timber pedestrian wicket gates to be two-way self-closing is currently being developed by Centrewire Ltd. This will only be suitable for use on new gates because it requires a different layout in the positioning of the hanging and shutting posts.

• Construction and Installation Details

Hanging Post : 2440 x 150 x 150.

Shutting Post : 2440 x 150 x 150.

Hanging Stile : 100 x 75.

Shutting Stile : 75 x 75.

Top Rail : 100 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 } hinges offset by 35mm.
 Bottom - adjustable

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

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

