

AS 1926.1—2007
(Incorporating Amendment No. 1)

Australian Standard[®]

Swimming pool safety

**Part 1: Safety barriers for swimming
pools**

Originated as AS 1926—1976.
Previous edition 1986.
Revised and redesignated as AS 1926.1—1993.
Second edition 2007.
Reissued incorporating Amendment No. 1 (May 2008).

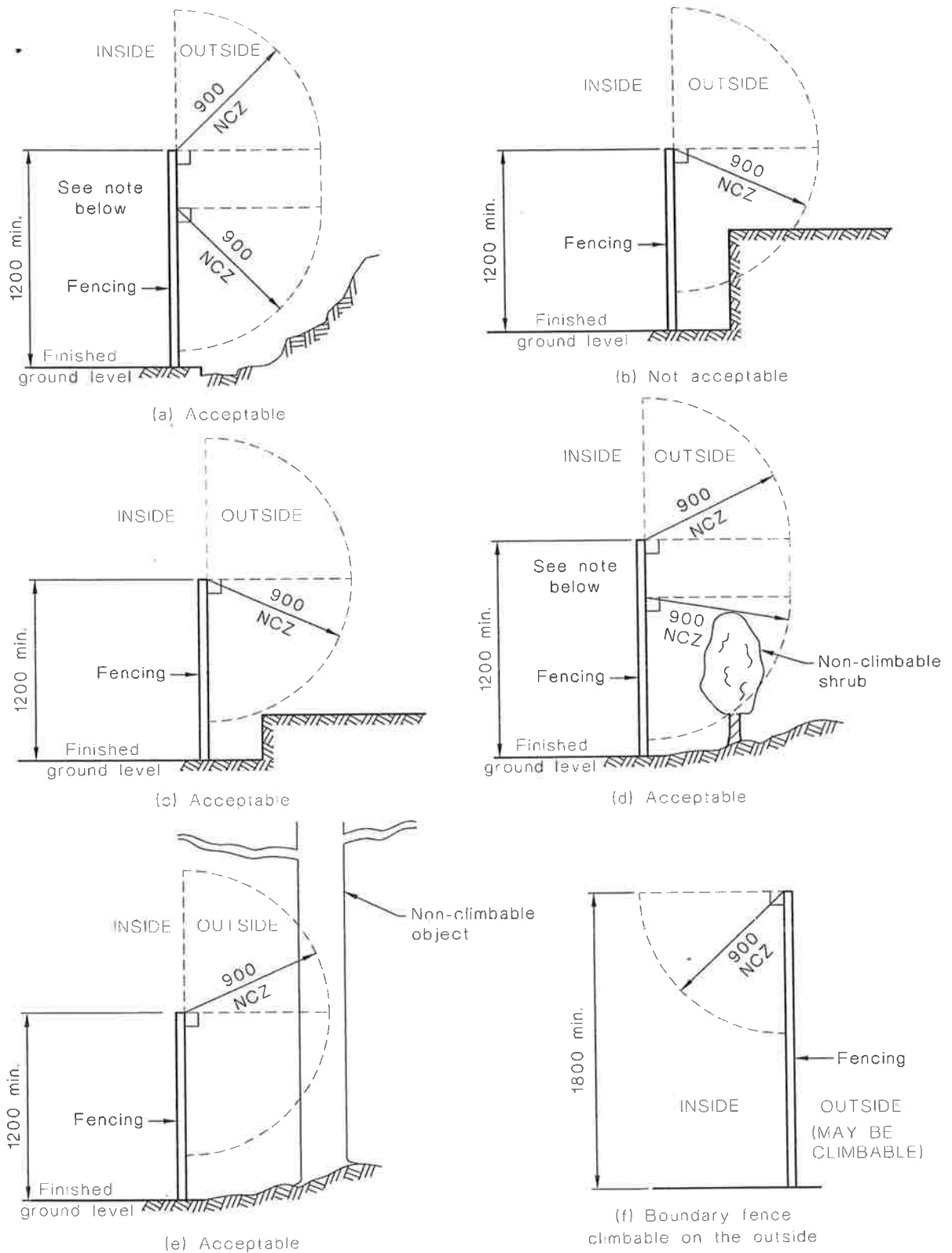
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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

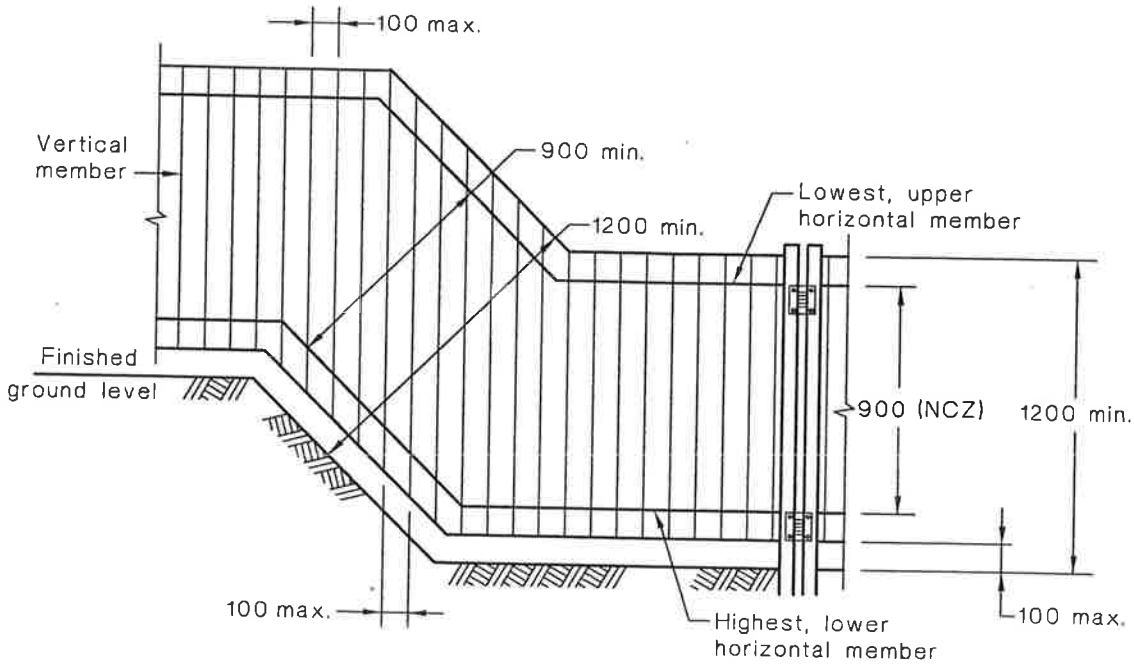
ISBN 0 7337 8286 8



NOTE: The lower radius point may be anywhere on the fence at least 900 mm above the ground or the highest lower rail or foothold.

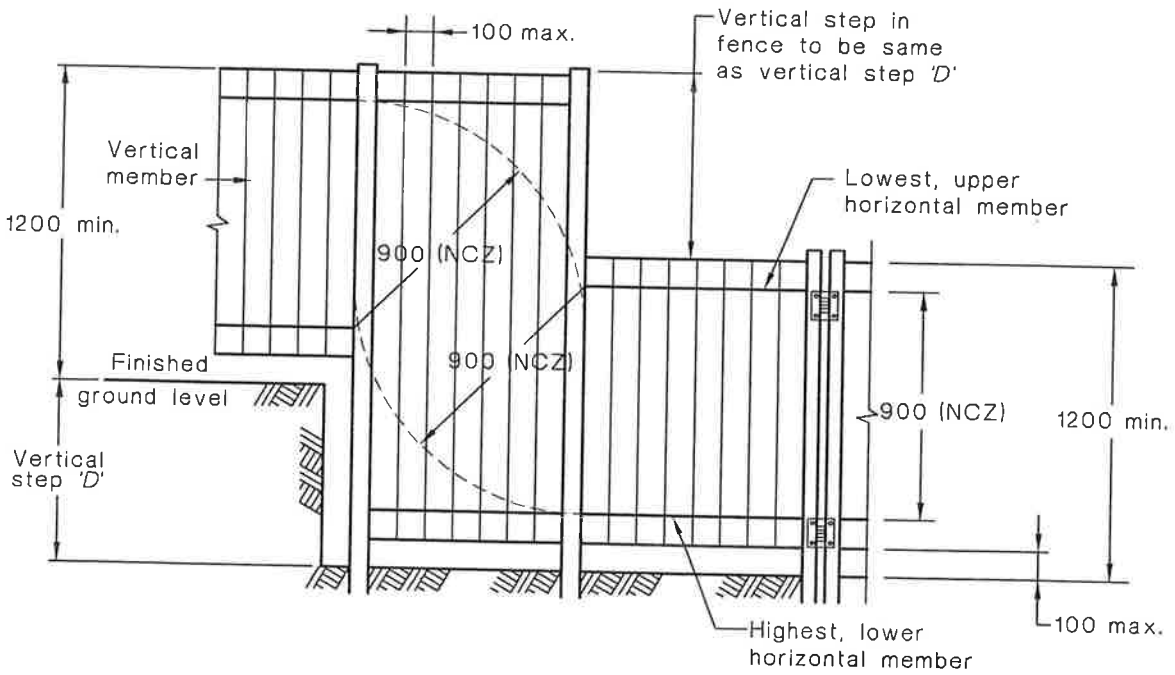
DIMENSIONS IN MILLIMETRES

FIGURE 2.1 EXAMPLES OF NON-CLIMBABLE ZONES/NCZs



NOTE: On sloping sites, the fence height is to be measured perpendicular to the ground line.

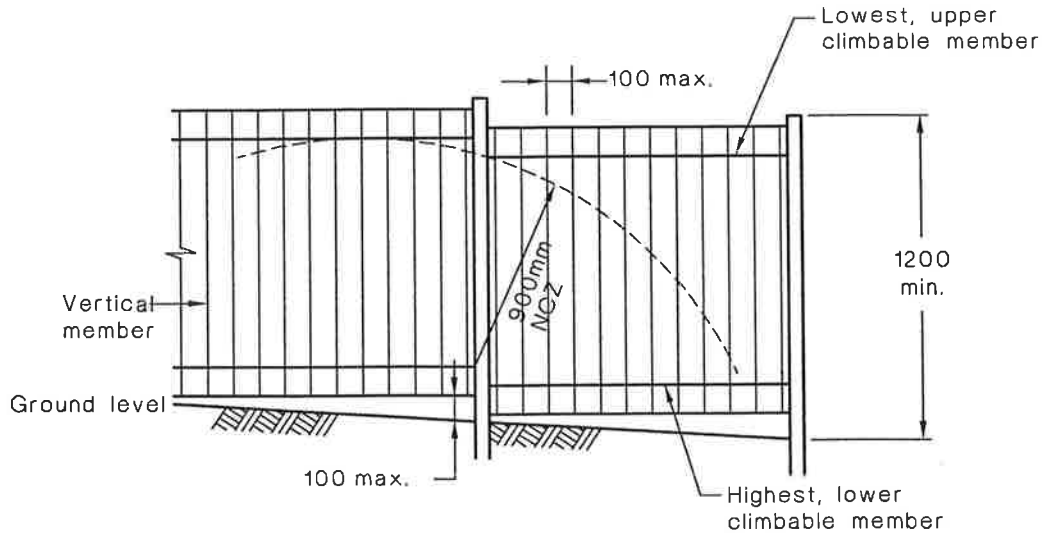
(a) Sloping ground



(b) Stepped ground

DIMENSIONS IN MILLIMETRES

FIGURE 2.2 (in part) PERPENDICULAR FENCING DIMENSIONS



(c) Slightly sloping ground

DIMENSIONS IN MILLIMETRES

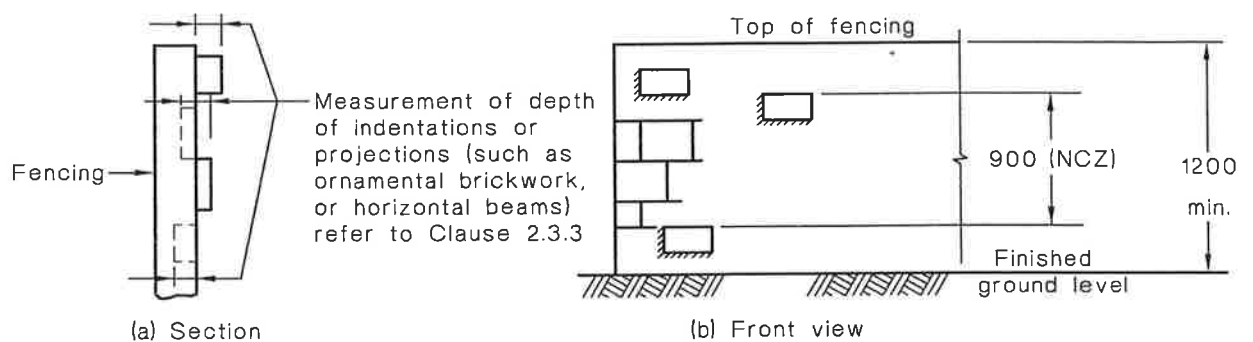
FIGURE 2.2 (in part) PERPENDICULAR FENCING DIMENSIONS

2.3.3 Surface projections and indentations

A1 | Projections and indentations, or any combination thereof, within the NCZ, shall not form a substantially horizontal surface with a depth greater than 10 mm (see Figure 2.3(A)).

Projections or indentations that form a substantially horizontal surface do not act as a hold for climbing if they comply with Figure 2.3(A) and 2.3(B).

The fence shall be designed to be vertical or, where specifically designed to lean away from the pool, it shall not do so by more than 15° to the vertical.



NOTE: The 900 NCZ may be between any two (2) points at any level on the outer face of the wall.

FIGURE 2.3(A) FENCING WITH PROJECTIONS SUCH AS ORNAMENTAL BRICKWORK OR STONEMWORK

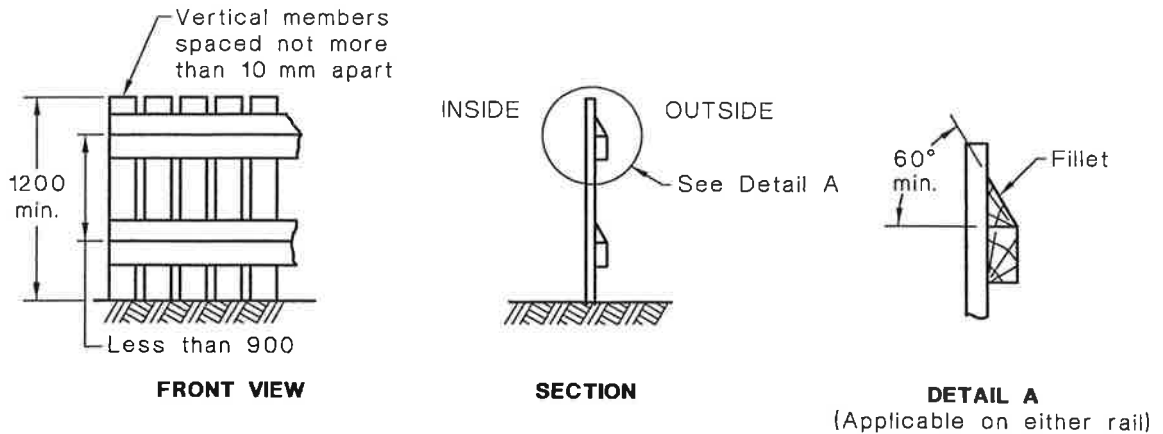


FIGURE 2.4 FENCE WITH HORIZONTAL MEMBERS PROJECTIONS OR INDENTATIONS NOT ACTING AS A HOLD FOR CLIMBING

2.3.6 Horizontal surfaces inside the fencing

- A1 For fences less than 1800 mm in height, where any nearby horizontal surfaces that could be used as holds for climbing are permanently located near the inside of the fencing adjacent to the NCZ, and where the spacing between vertical members is greater than 10 mm, such surfaces shall be separated from the fencing by a distance of not less than 300 mm (see Figure 2.5).

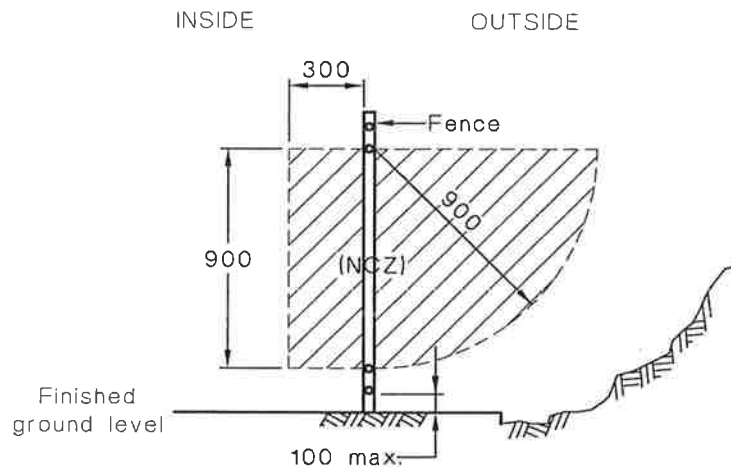


FIGURE 2.5 FENCING WITH HORIZONTAL MEMBER PROJECTIONS OR INDENTATIONS THAT MAY ACT AS A HOLD FOR CLIMBING

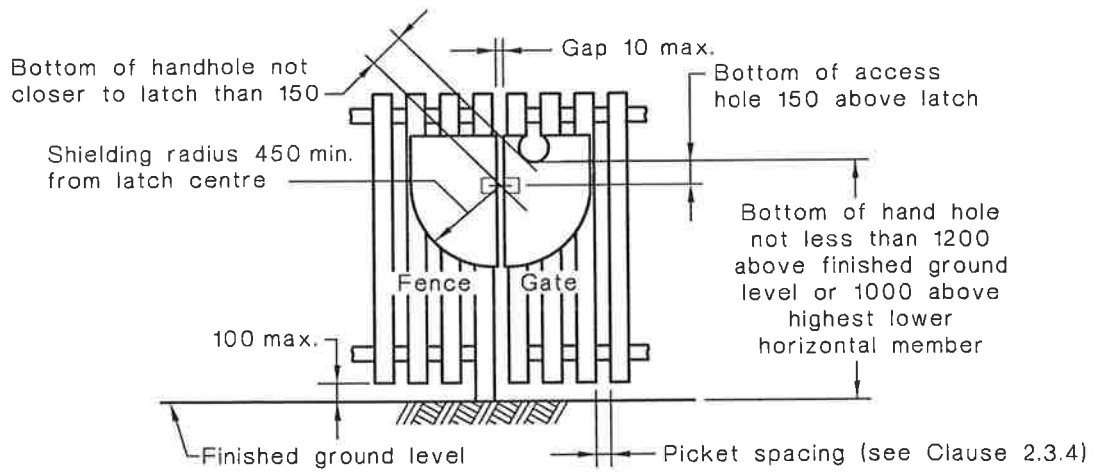
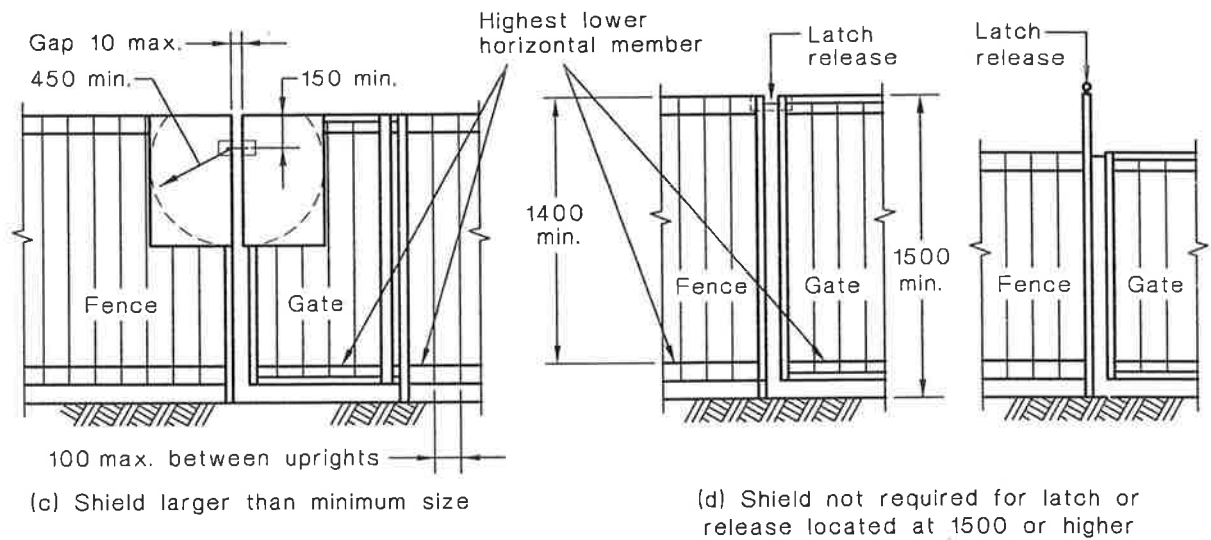
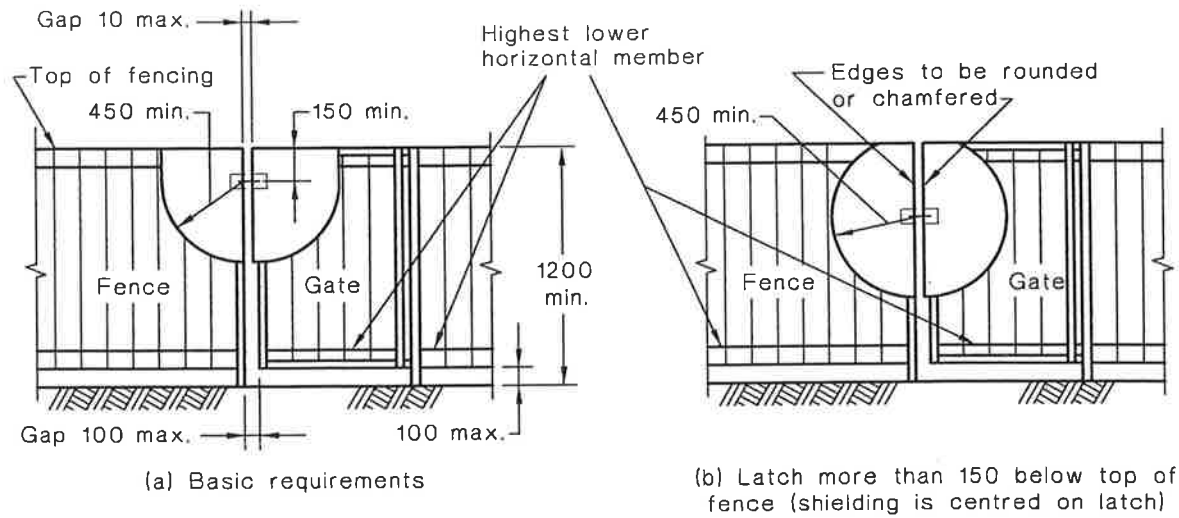
2.3.7 Vertical members

The clear space between any adjacent vertical members (see Figure 2.2), such as palings, rods or wires, shall not exceed 100 mm at any point.

2.4 GROUND CLEARANCE

The height of any opening between the bottom of the barrier and the finished ground level shall not exceed 100 mm.

NOTE: The surrounding area of the pool shall be stable and remain intact at all times. Loose sand is not acceptable.



(e) Hand hole provided in fence or gate
 NOTE: Main dimensional requirements are also shown.

DIMENSIONS IN MILLIMETRES

FIGURE 2.6 ALTERNATIVE LATCH SHIELDING OPTIONS FOR GATES OF OPEN CONSTRUCTION