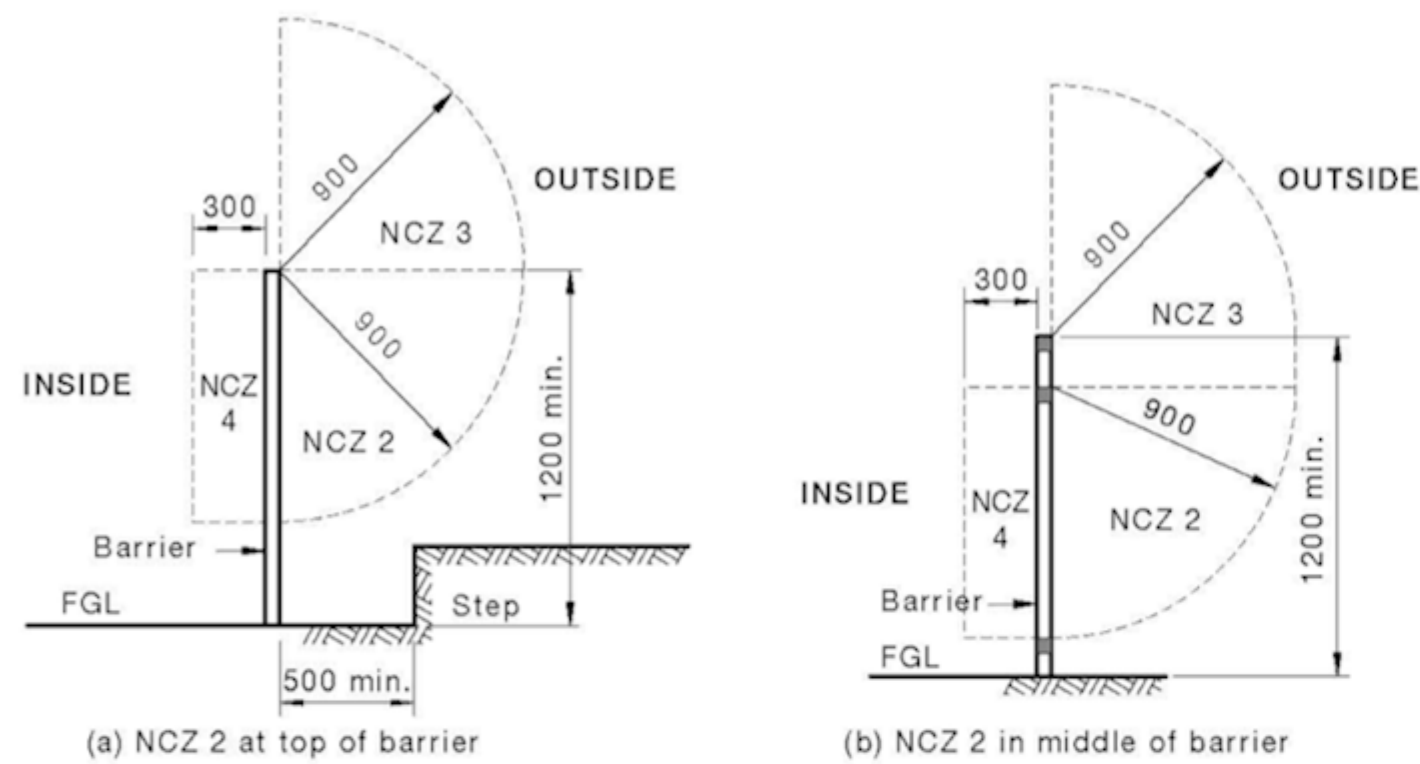


POOL SAFETY BARRIER REQUIREMENTS

NON CLIMBABLE ZONE



NOTE: The lower radius point of NCZ 2 may be located anywhere on the barrier provided there are no aids for climbing within the arc.

BOUNDARY BARRIERS

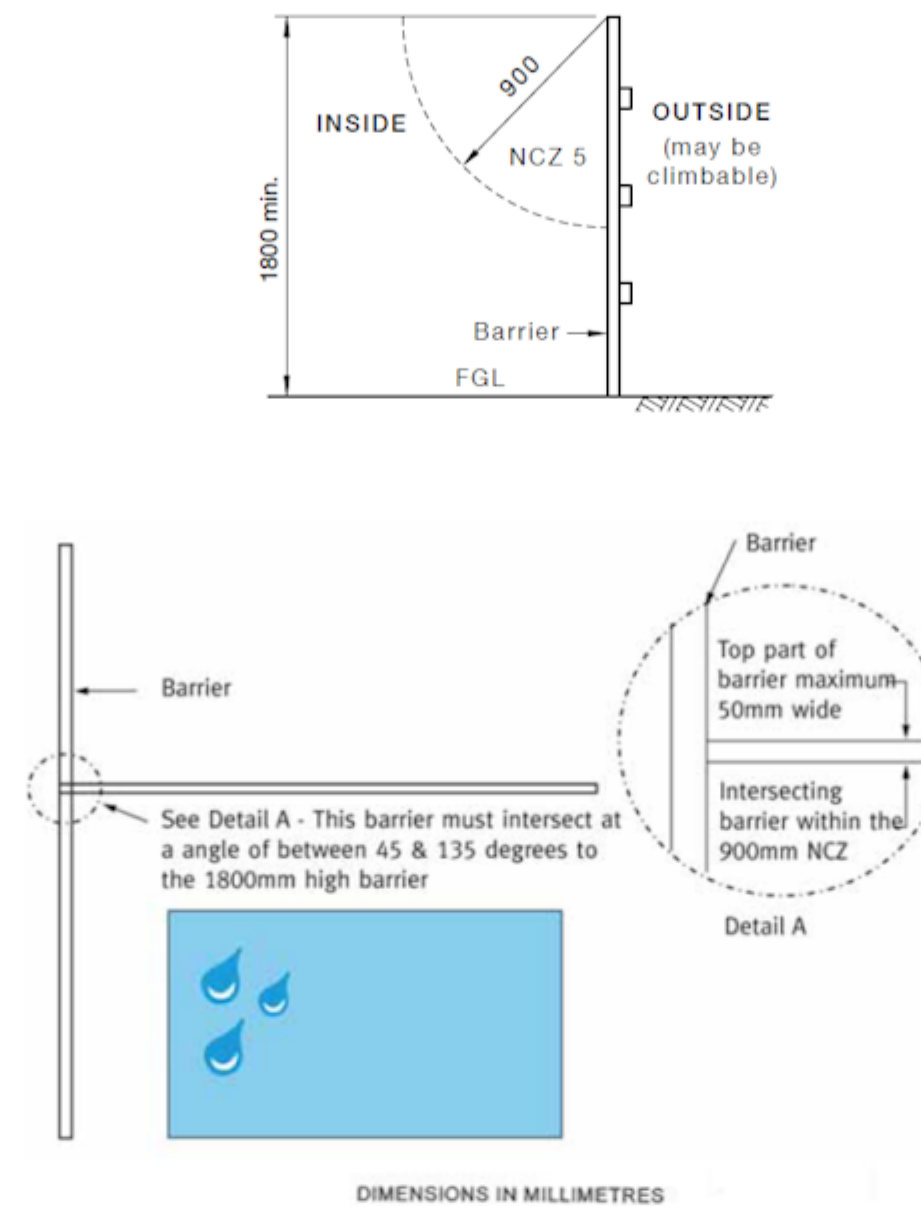


FIGURE 2.2 BOUNDARY BARRIERS

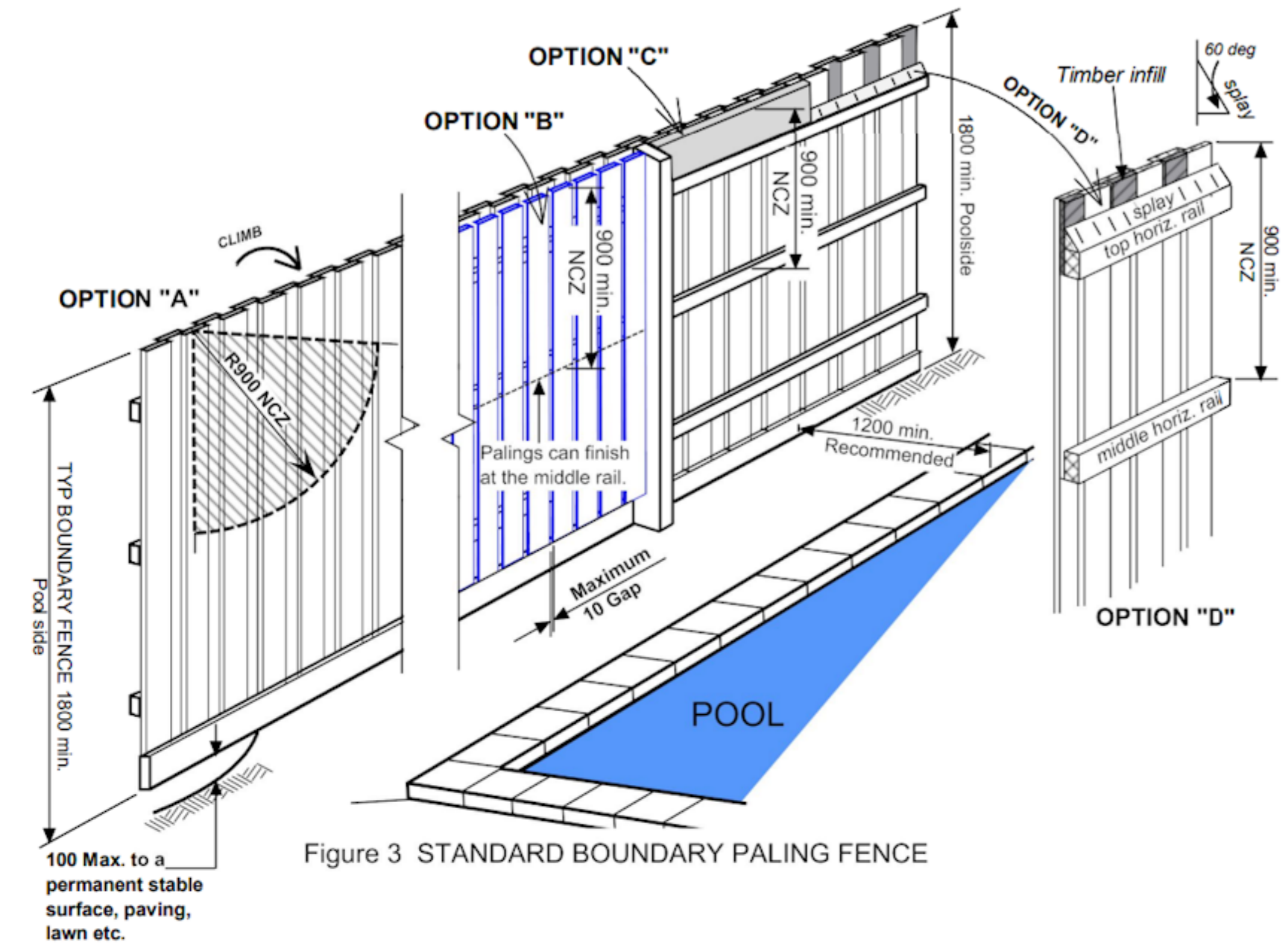


Figure 3 STANDARD BOUNDARY PALING FENCE

POOL BARRIER INTERSECTING WITH INTERNAL BARRIER

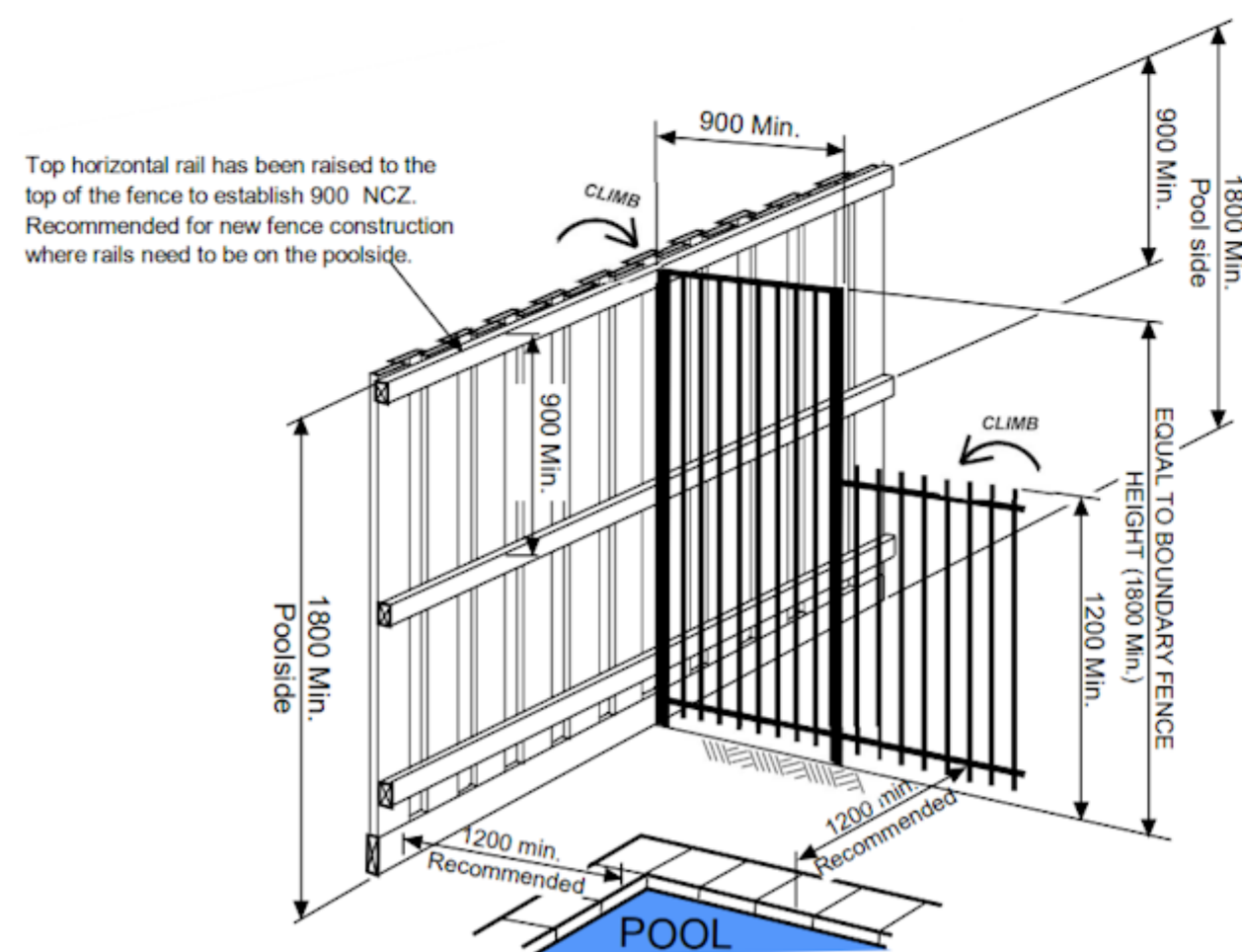


Figure 5 ALTERNATIVE BOUNDARY FENCE INTERSECTING A TYPICAL POOL BARRIER

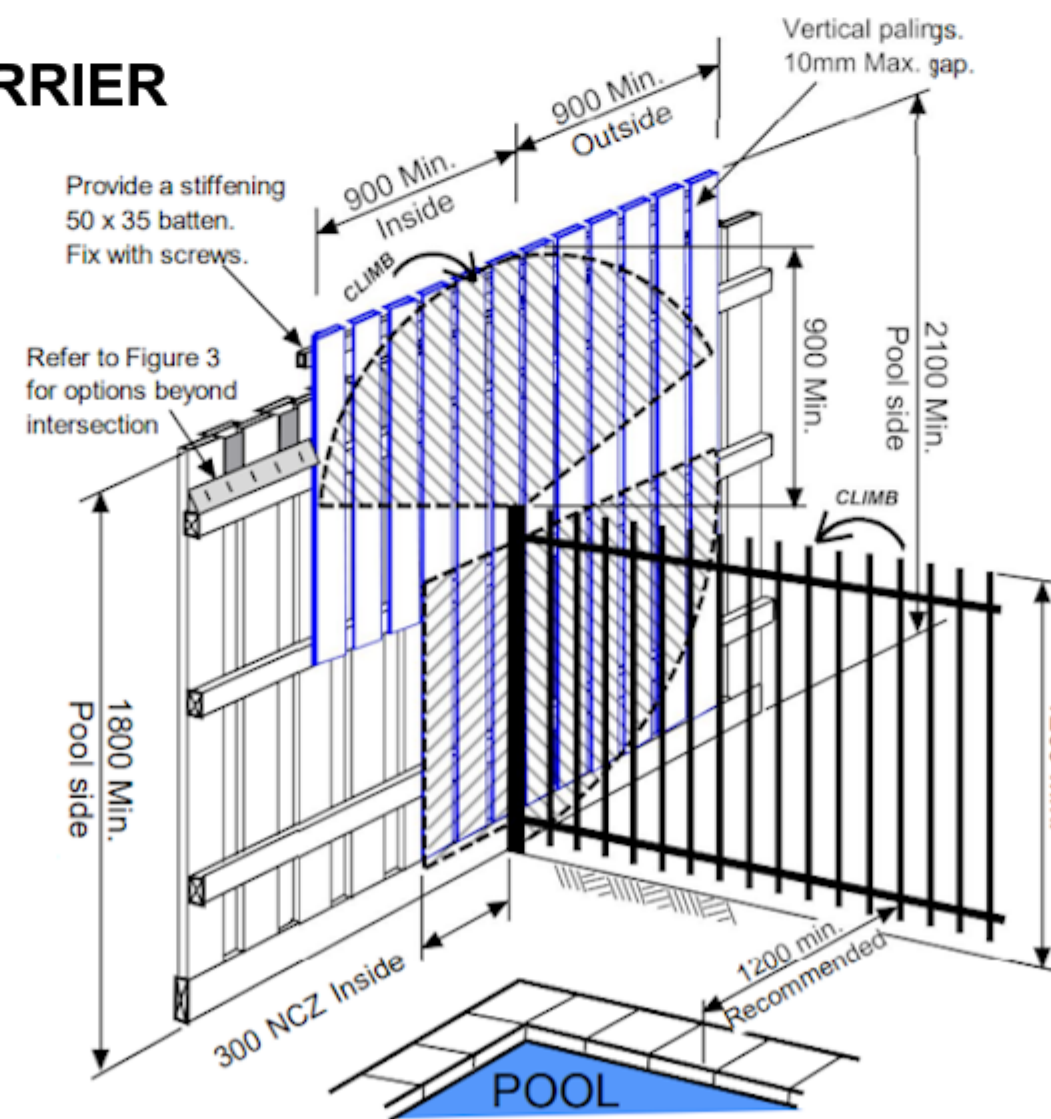


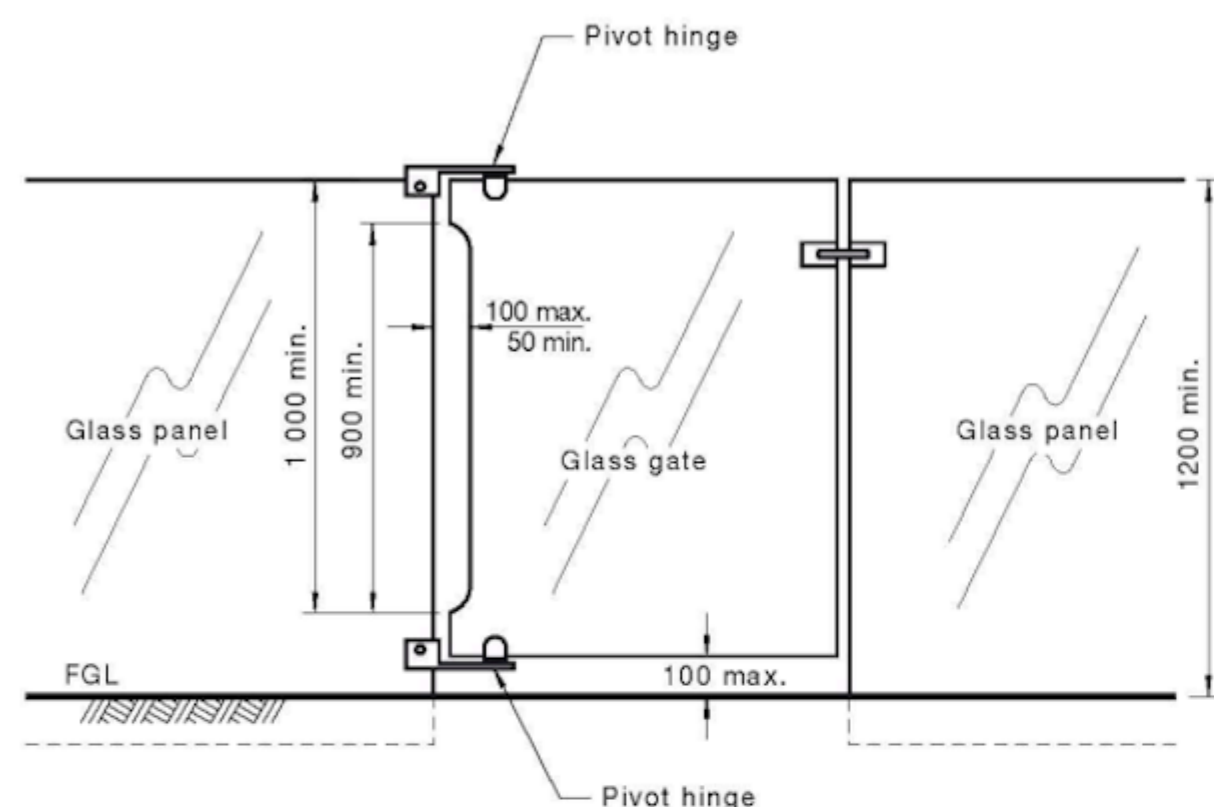
Figure 4 PROPERTY BOUNDARY FENCE INTERSECTING AN INTERNAL POOL BARRIER (Existing Fence)

POOL SAFETY BARRIER REQUIREMENTS

GLASS BARRIERS

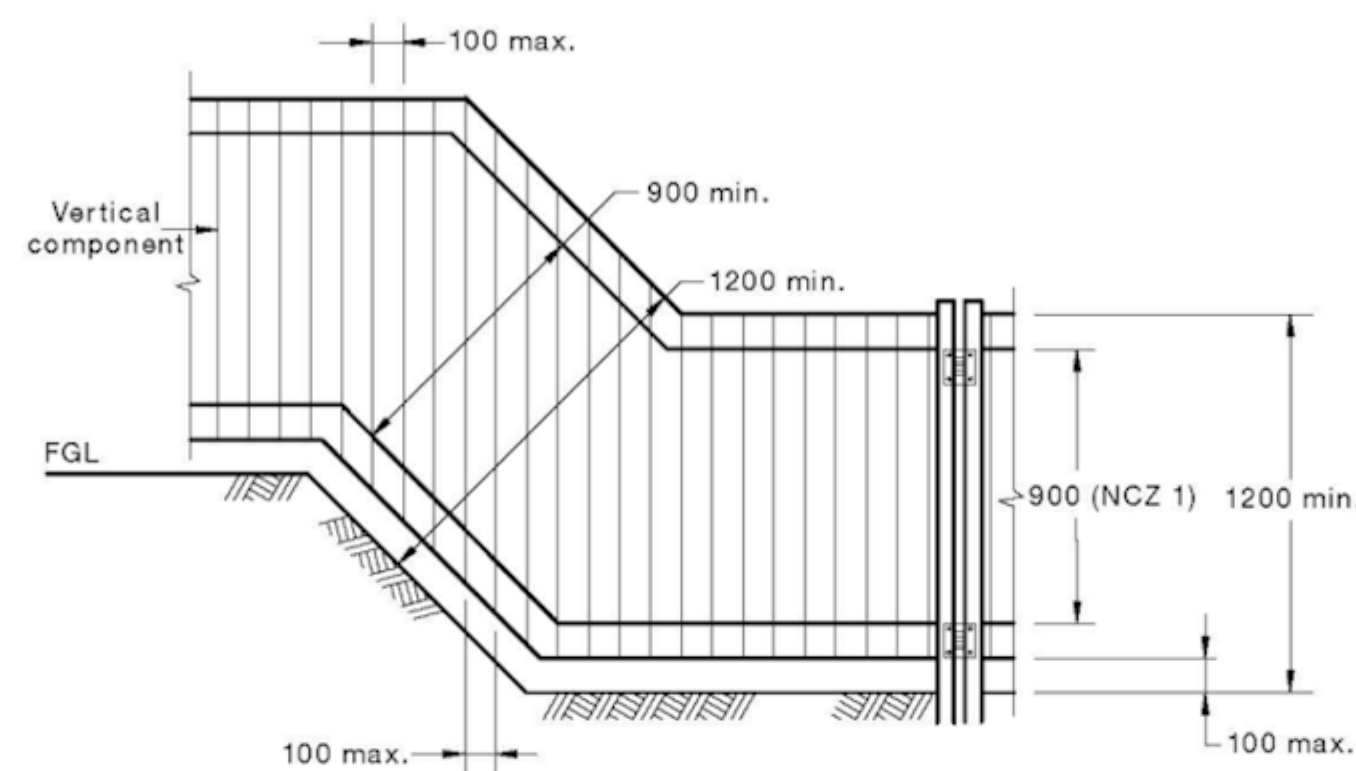
BARRIER CONSTRUCTION DIMENSIONS

LATCHING DEVICE SHEILDING

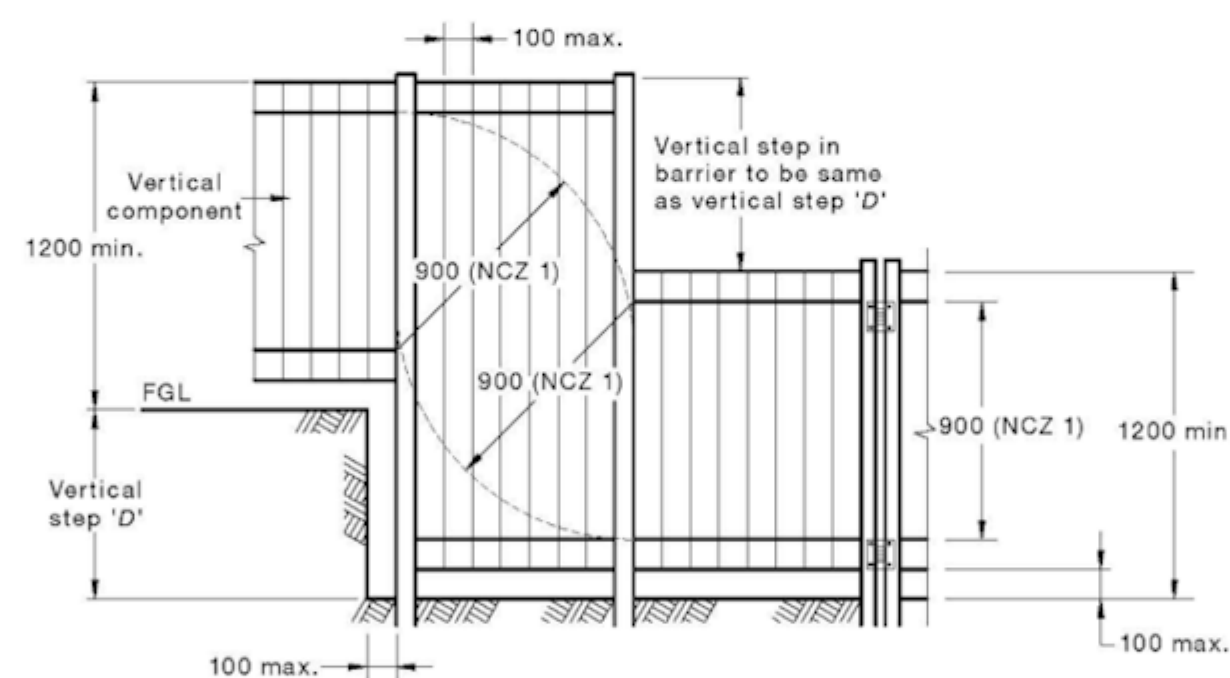


DIMENSIONS IN MILLIMETRES

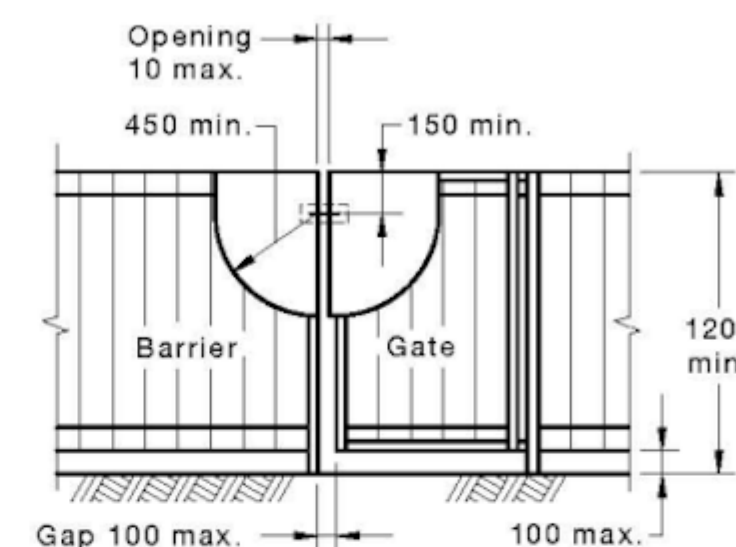
FIGURE 2.4 GLASS GATE WITH PIVOT HINGES



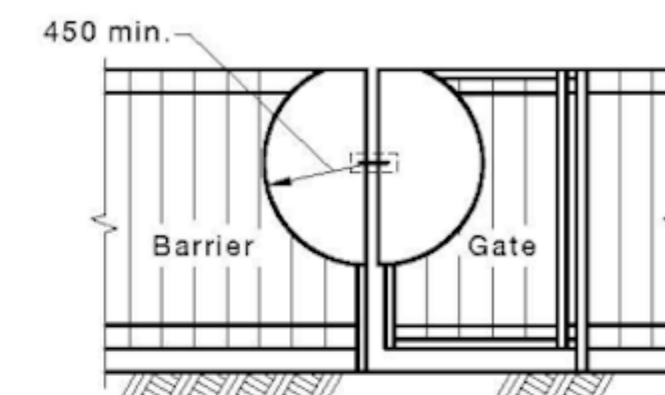
(a) Sloping ground



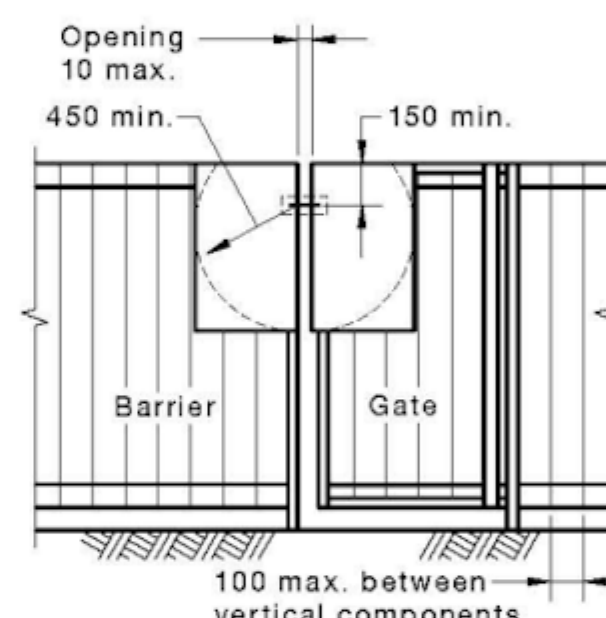
(b) Stepped ground



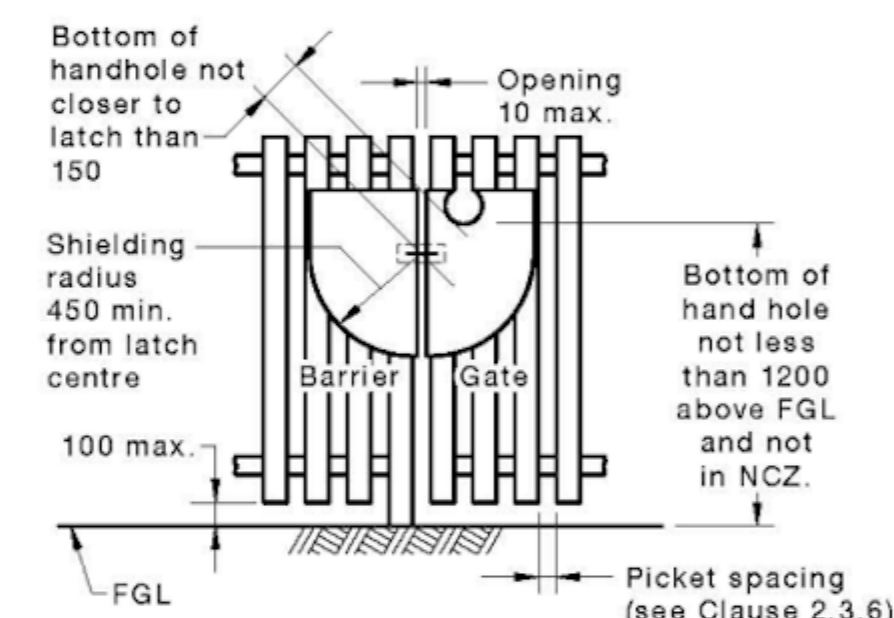
(a) Basic requirements



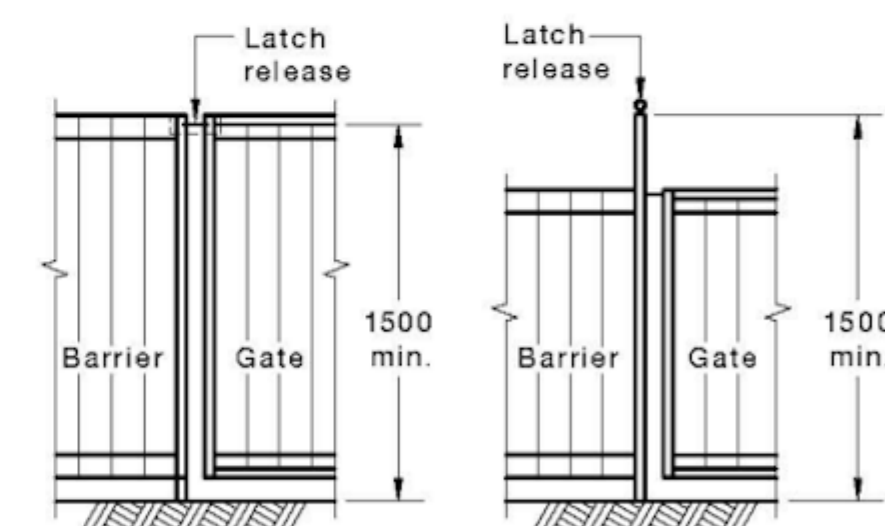
(b) Latch more than 150 below top of barrier (shielding is centred on latch)



(c) Shield larger than minimum size



(d) Hand hole provided in barrier



(e) Shield not required for latch or release located not less than 1500 above FGL

DIMENSIONS IN MILLIMETRES

FIGURE 2.9 ALTERNATIVE LATCH SHIELDING OPTIONS FOR GATES WITH VERTICAL OPENINGS 10–100 mm

POOL BARRIER NOTES:
ALL BARRIERS TO COMPLY TO AS 1926.1 - AS 1926.2 2012

GENERAL:

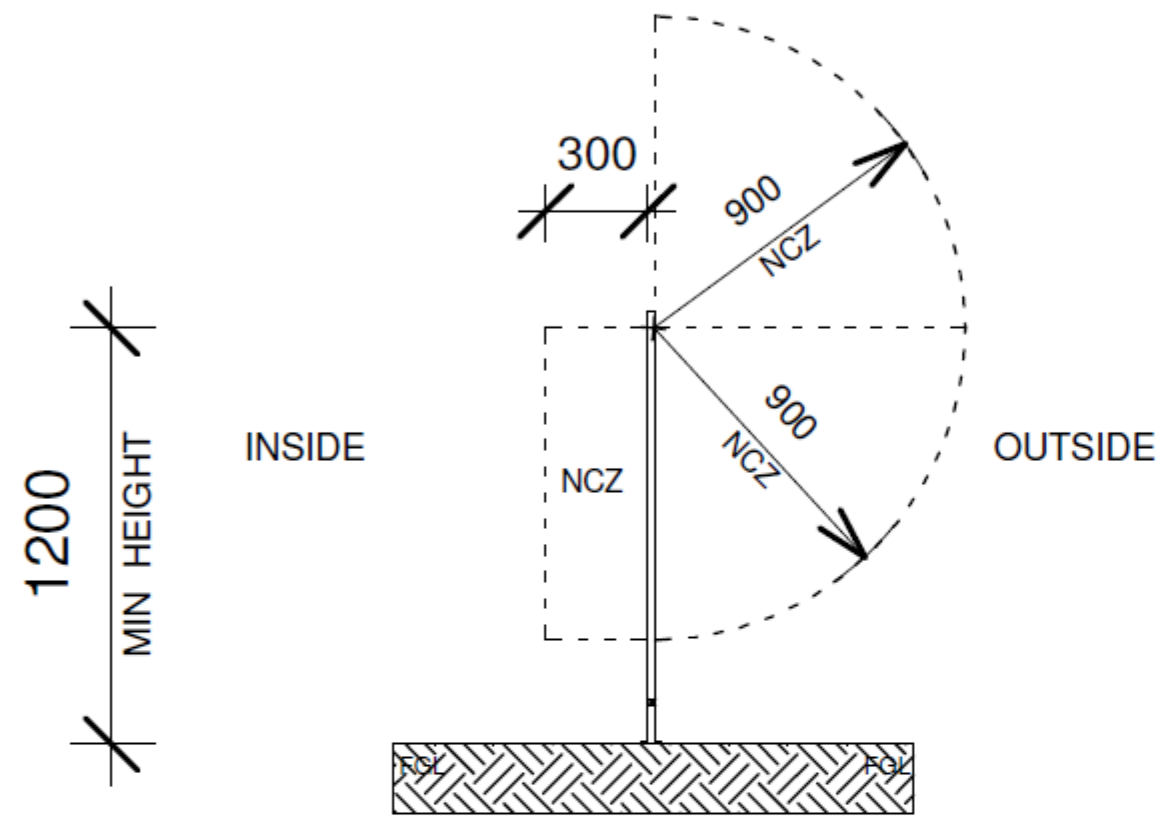
A BARRIER SHALL BE DESIGNED AND CONSTRUCTED SO THAT IT WILL RESTRICT ACCESS BY YOUNG CHILDREN. THE BARRIER SHALL BE A PERMANENT STRUCTURE. THE HEIGHT OF THE BARRIER WITHIN THE PROPERTY SHALL NOT BE LESS THAN 1200MM HIGH ON THE OUTSIDE OF THE BARRIER. BARRIERS MAY BE CONSTRUCTED FROM ANY DURABLE MATERIAL, PROVIDED THE BARRIER COMPLIES WITH THE REQUIREMENTS OF AUSTRALIAN STANDARDS 1926.1. A BARRIER OTHER THAN A RETAINING WALL SHALL BE VERTICAL OR LEAN AWAY FROM THE POOL BY NOT MORE THAN 15 DEG.

NON CLIMABLE ZONE (NCZ):

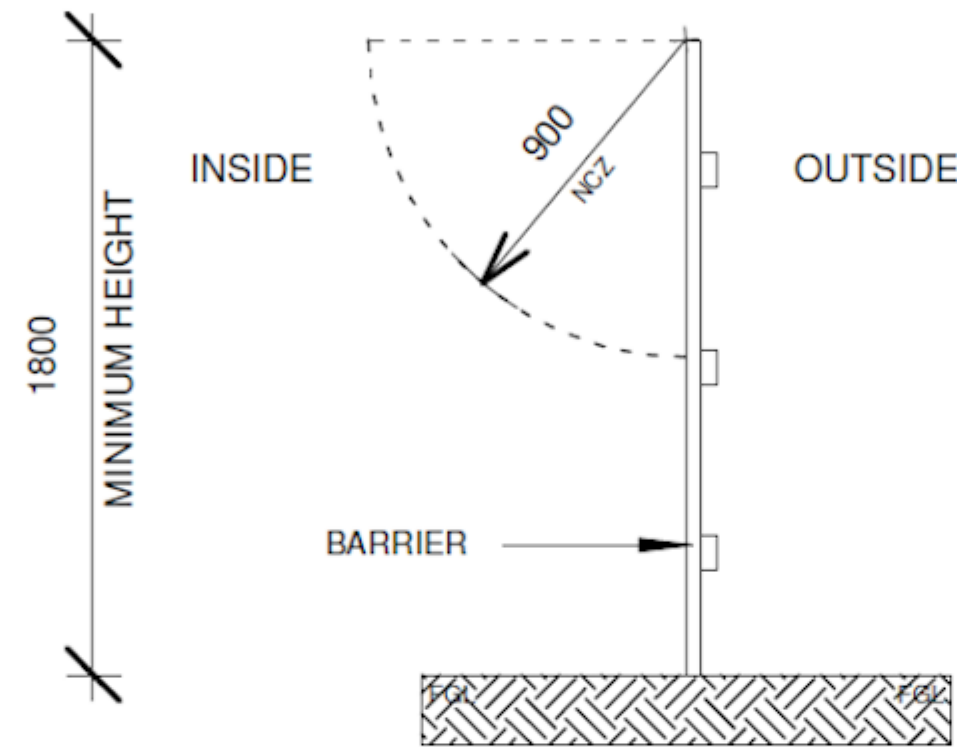
NCZ 1: IS A 900MM VERTICAL PLANE ON THE OUTSIDE FACE OF A BARRIER. THIS NCZ MAY BE LOCATED ANYWHERE WITHIN THE PERPENDICULAR HEIGHT OF A BARRIER.
NCZ 2: IS A QUADRANT ON THE OUTSIDE OF A BARRIER. CREATED BY A 900MM RADIUS DOWN FROM THE TOP OF NCZ1.
NCZ 3: IS A QUADRANT ON THE OUTSIDE OF A BARRIER CREATED BY A 900MM RADIUS UP FROM THE TOP OF THE BARRIER.
NCZ 4: IS REQUIRED ON ALL BARRIER WITH VERTICAL OPENNING 10-100MM IN WIDTH AND IS A 900MM HIGH BY 300MM WIDE DEEP RECTANGULAR SPACE ON THE INSIDE OF THE BARRIER AND SHALL ALIGN WITH NCZ1.

GATE UNITS & LATCH FITTINGS:

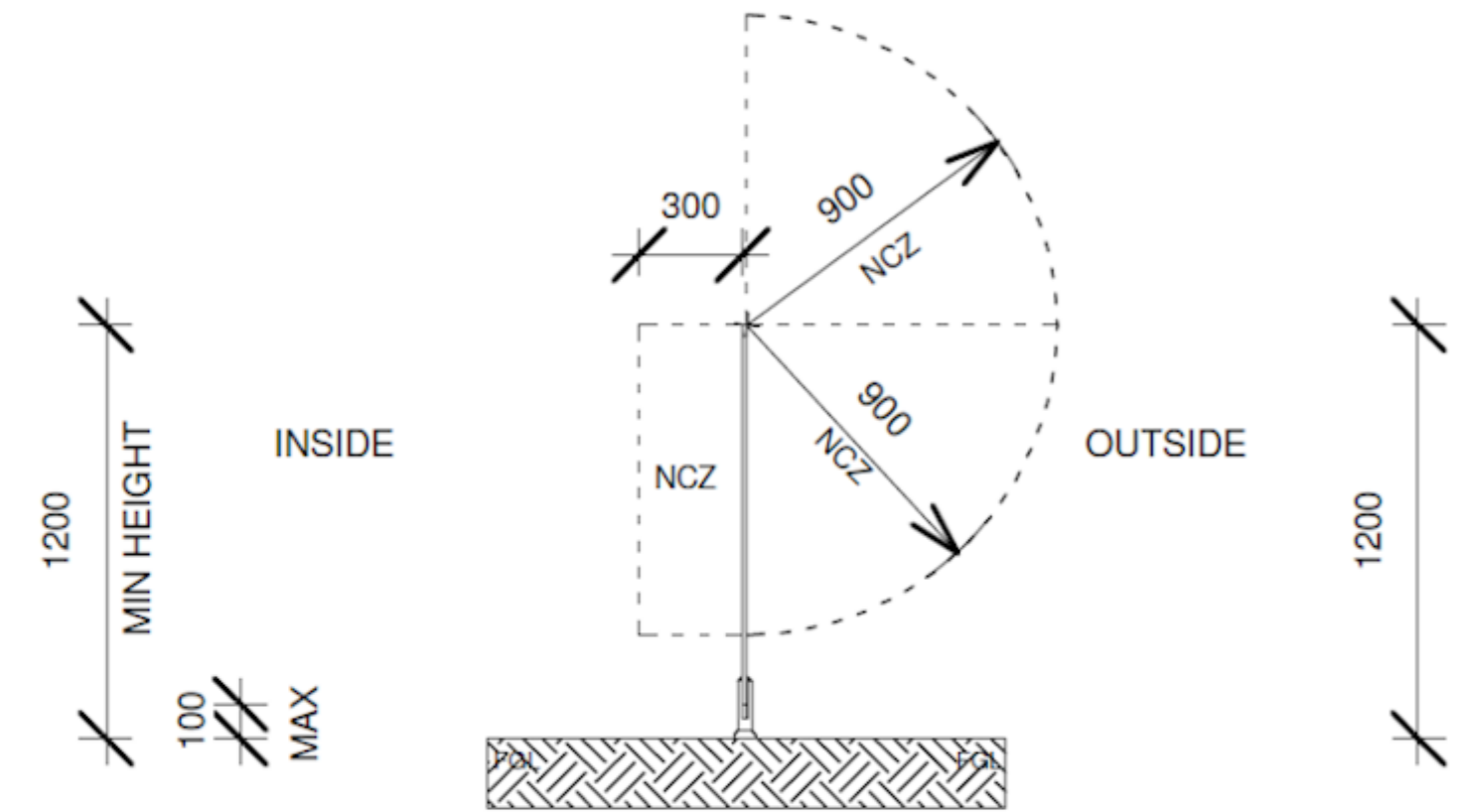
GATES SHALL BE HUNG SO THAT THEY ONLY SWING OUTWARDS IE AWAY FROM THE POOL AREA. GATES SHALL BE LOCATED SO THAT THE ARC OF PERATION IS CLEAR OF ANY BUILDING OR DOOR WAY. GATES SHALL HAVE SUFFICIENT CLEARANCE TO SWING FREELY THROUGH THE ARC OF OPERATION. THE OPENING UNDER A CLOSED GATE SHALL NOT EXCEED 100MM AT ANY POINT.



SIDE ELEVATION TYPICAL ALUMINIUM BARRIER



SIDE ELEVATION TYPICAL BOUNDARY BARRIER



SIDE ELEVATION TYPICAL GLASS POOL BARRIER

GATE HINGES SHALL BE SELF CLOSING.

GATE HINGES THAT PROTRUDE OUT FROM THE BARRIER WITH A HORIZONTAL TOP SURFACE DEPTH GRATER THAN 10MM AND THOSE WHICH CREATE AN OPENING BETWEEN THE GATE POST OF MORE THAN 10MM SHALL NOT BE PERMITTED IN NON CLIMABLE ZONE 1 & 2

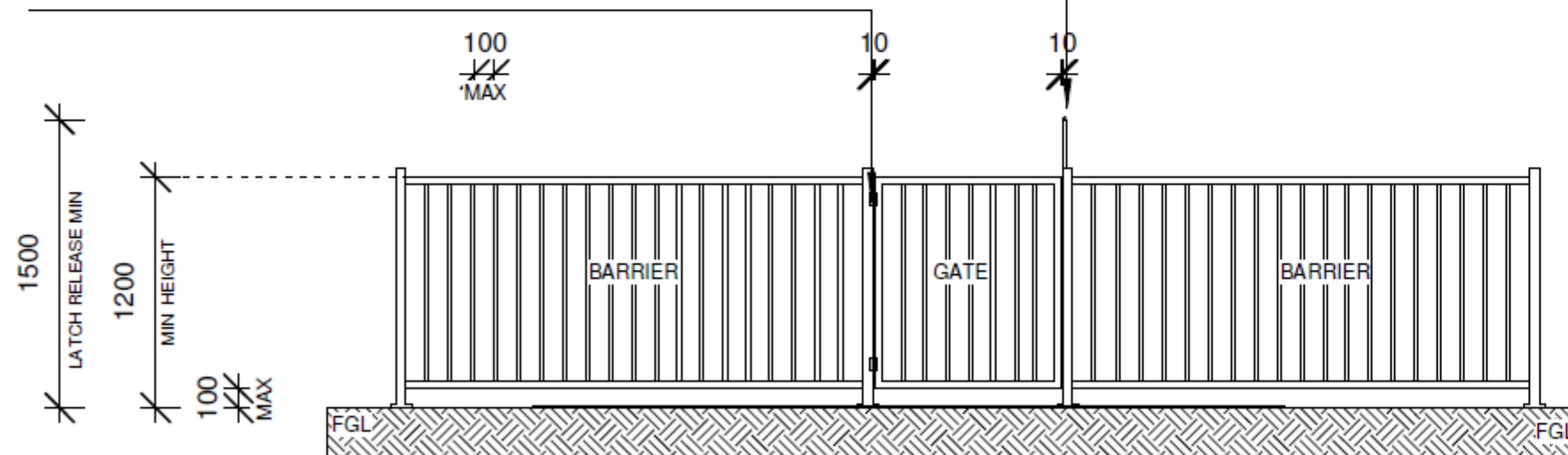
GATES SHALL BE FITTED WITH A LATCH THAT WILL AUTOMATICALLY OPERATE ON CLOSING OF THE GATE AND WILL PREVENT THE GATE FROM BEING RE-OPENED WITHOUT BEING MANUALLY RELEASED.

GATE HINGES SHALL BE SELF CLOSING.

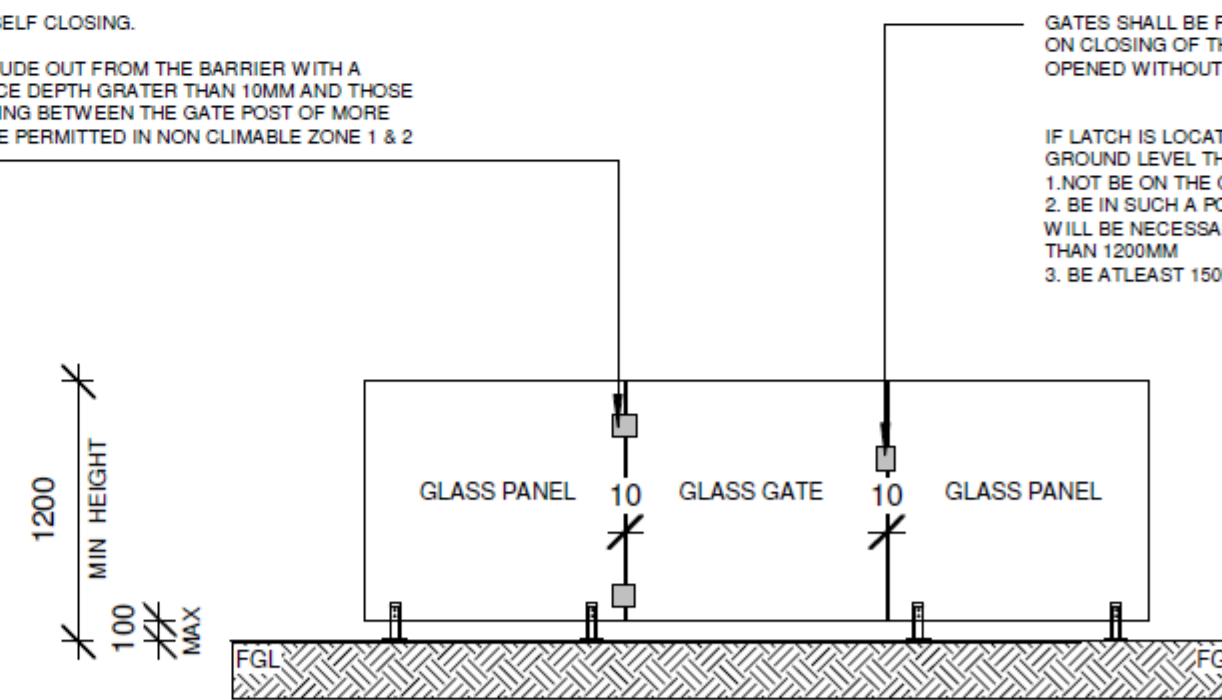
GATE HINGES THAT PROTRUDE OUT FROM THE BARRIER WITH A HORIZONTAL TOP SURFACE DEPTH GRATER THAN 10MM AND THOSE WHICH CREATE AN OPENING BETWEEN THE GATE POST OF MORE THAN 10MM SHALL NOT BE PERMITTED IN NON CLIMABLE ZONE 1 & 2

GATES SHALL BE FITTED WITH A LATCH THAT WILL AUTOMATICALLY OPERATE ON CLOSING OF THE GATE AND WILL PREVENT THE GATE FROM BEING RE-OPENED WITHOUT BEING MANUALLY RELEASED.

IF LATCH IS LOCATED LESS THAN 1500MM ABOVE FINISH GROUND LEVEL THE LOCATION OF THE LATCH SHALL
1. NOT BE ON THE OUTSIDE OF THE BARRIER
2. BE IN SUCH A POSITION THAT TO RELEASE THE LATCH FROM THE OUTSIDE IT WILL BE NECESSARY TO REACH OVER THE BARRIER AT A HEIGHT OF NOT LESS THAN 1200MM
3. BE ATLEAST 150MM BELOW THE TOP OF THE BARRIER.



FRONT ELEVATION TYPICAL ALUMINIUM POOL BARRIER



FRONT ELEVATION TYPICAL GLASS POOL BARRIER