

KYOGLE COUNCIL GENERAL REQUIREMENTS (1) SWIMMING POOLS SAFETY FENCING

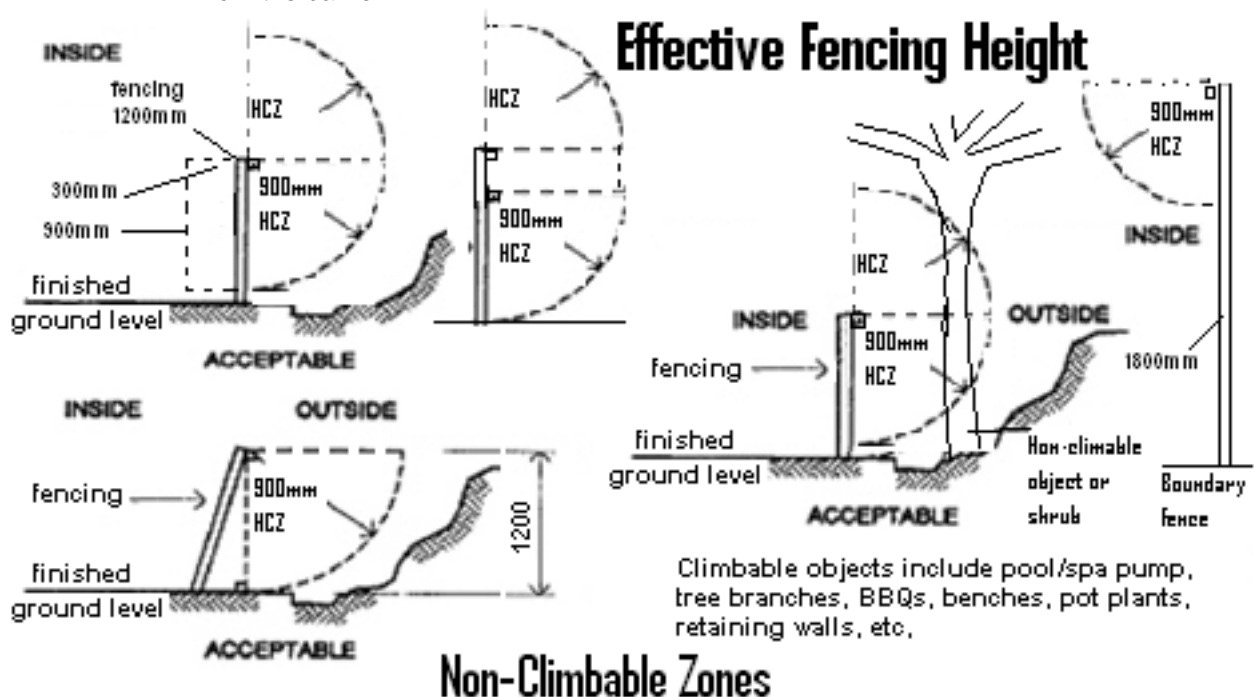


REQUIREMENTS OF: **Swimming Pools Act 1992**
Swimming Pools Regulations 2008
Australian Standard AS 1926.1-2007
Australian Standard AS1926.2-2008

“Swimming Pool” means an excavation, structure or vessel:
 (a) that is capable of being filled with water to a depth of 300 millimetres or more, and
 (b) that is solely or principally used, or that is designed, manufactured or adapted to be solely or principally used, for the purpose of swimming, wading, paddling or any other human aquatic activity, and includes a spa pool, but does not include a spa bath, anything that is situated within a bathroom or anything declared by the regulations not to be a swimming pool for the purposes of the Act.

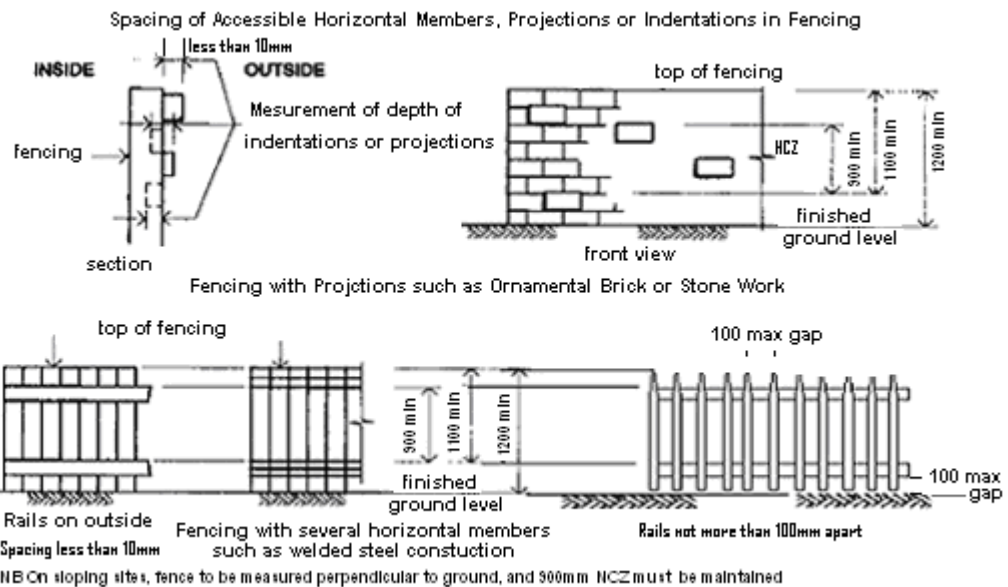
“Barrier” Assembly of components, natural or otherwise, which includes such items as posts and panels, gates and doorsets, constructed or natural walls, sides of buildings, child-resistant windows, balustrades on balconies, any of which shall be free of sharp edges, sharp projections, entrapping spaces and similar hazards; and permanent bodies of water with a depth greater than 300mm at the edge.

“Non-Climbable Zone” Is the barrier and associated space within 900mm of the barrier. May be located anywhere on the vertical face of the barrier. The distance between hand and foot holds shall not be less than 900mm. It is located on the outside of the fence, except for boundary fences which may be climbable on the outside but have a NCZ at the top of the inside of the fence. Where there are spacings greater than 10mm in the fence, any horizontal surfaces inside the fence adjacent to the NCZ must be not less than 300mm from the barrier.



“Fencing Height” Fences and gates shall have an effective height of at least 1200mm at any point along its length (except for a boundary fence that shall be a minimum of 1800mm) and include a continuous non-climbable zone(NCZ), and not be inclined greater than 15° to the vertical. On sloping sites the fence is to be measure perpendicular to the ground and maintain the 900mm NCZ

“Ground Clearance” The height of any opening between the bottom of the fence and finished ground level shall not exceed 100mm. Note: Open garden beds may require a rock or paving barrier to prevent digging access. Loose sand is not acceptable.

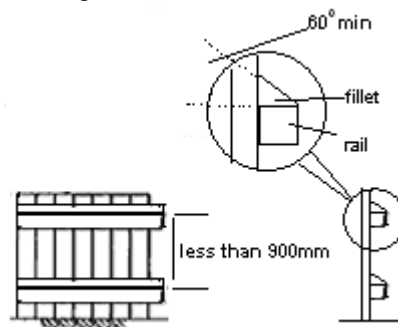


“Vertical Members”

The spacing between any adjacent member such as palings, rods or wires shall not exceed 100mm at any point. In some circumstances 10mm spacing may be required.

“Horizontal Members”

Within the NCZ shall not be less than 900mm apart. Where there are two or more horizontal members it shall be measured from the top of the highest lower member to the top of the lowest upper member. The top surface of the lower horizontal member shall be at least 1000mm below the top of the fence or gate. When horizontal members are less than 900mm apart each rail must have a fillet at not less than 60° to remove holds for climbing.



GENERAL REQUIREMENTS (2) SWIMMING POOLS ACCESS

“Child Safety Device” **In the case of a Doorset** (or, if there is a security door in addition to another door, either of these doors)– being of substantial construction and must be a child-safe door and must be kept a child-safe door by means of a lock, latch, bolt, chain or other child resistant device located at least 1500mm above finished floor level.

There must not, on the door or on the door frame, be any footholds wider than 10mm between the floor and 1000mm above the floor. Pet doors shall not be placed in the doorset.

Must be fitted with a self latching device the release of which must be above 1500mm, that will automatically operate on closing of the door and prevent the door from being re-opened without manually releasing the device, (the latching device shall not be able to be inadvertently adjusted during operation, and shall not be able to be adjusted without the use of tools).

Must be fitted with a self closer to return the door to a closed position and operate the latching device from any position with a stationary start without the application of a manual force.

The door shall not swing into the pool area.

In the case of a Wall – being of substantial construction, having vertical sides not sloping greater than 15° to the vertical and having a height of at least 1800mm including a NCZ

In the case of a Window – being of substantial construction and where the outside ground level is less than 1800mm from the pool ground level to the sill of the lowest opening panel, then if the internal height from the floor to the lowest opening panel is less than 900mm, the opening to the window shall be covered by securely fixed bars or mesh, or the maximum opening of the window shall be 100mm. Where the internal floor is between 900mm and 1200mm then in addition to the options above there may be a securely fixed flyscreen, or the bottom of the lowest opening panel must be 1200mm above the finished floor level. There must not be any foot holds wider than 10mm between the bottom of the lowest panel and any point within 1100mm below the bottom of that panel.

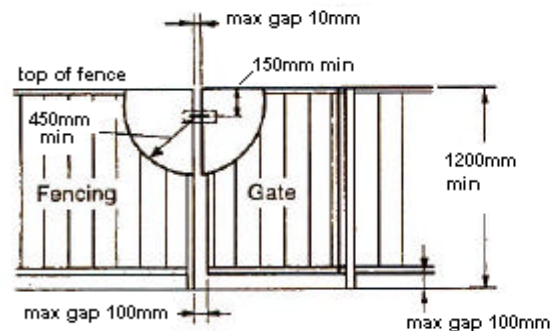
In the case of a balcony – shall include a balustrade which complies with the barrier standards of AS1926.1-2007 where the balcony projects into the pool area, being less than 1800mm from the floor of the balcony to the finished ground level of the pool area, or when any part of the perimeter of the balcony is within 900mm of the top of the pool barrier.

“Latching Device”

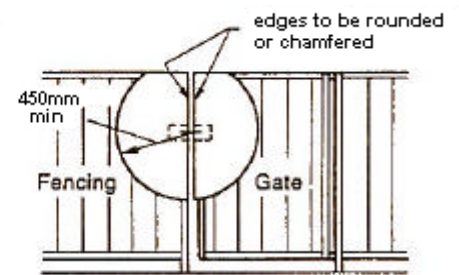
Where the release to the latching device is located at a height less than 1500mm above finished ground level, or where the latch itself is located at a height less than 1400mm above the highest lower horizontal member and is capable of being released at the latching mechanism, the location of the latching device and its release shall be, on the inner face of the fence or gate, in such a position that to release the latch from the outside it will be necessary to reach over or through the fence at a height greater than 1200mm above finished ground level, and not less than 1000mm above the highest lower horizontal member, and be at least 150mm below the top of the gate where a hand hold is not provided or at least 150mm away from the edge of any hand hole opening if provided. Where the release to either the latching device or the latch is located less than 1500mm above finished ground level and less than 1400mm above the highest lower horizontal member and is capable of being released at the mechanism, the latch and its release shall be shielded by a circular area with a radius of 450mm from the operating parts of the latch so that there are no gaps greater than 10mm.

Where a hand hole in a fence or gate is necessary the bottom of the opening shall be at least 1200mm above finished ground level or 1000mm above the highest lower horizontal member and any shielding shall be extended up to a line through the top of the hand hole or 150mm above the top of the latch, whichever is the higher.

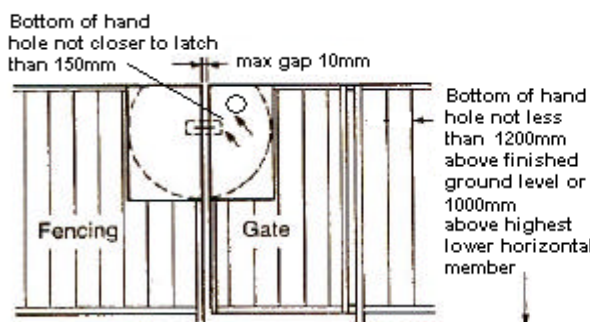
Latches must still be effective when the weight of a young child is placed on the gate, and the latching device shall not be able to be inadvertently adjusted during operation, and shall not be able to be adjusted without the use of tools.



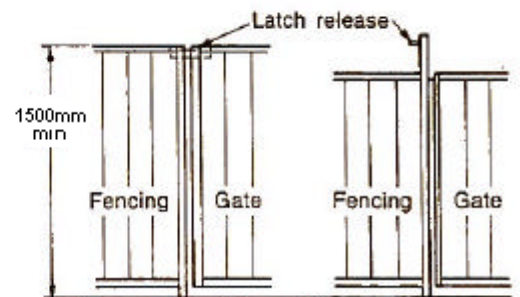
Basic Requirement



Latch more than 150mm below top of fence. Shield centred on latch



Shield larger than minimum size and hand hole in fence or gate



Shield not required for latch or release located at 1500mm or higher

Latch Shielding for Fences of Open Construction

“Gates”	Must swing outwards away from the pool area, and meet the same standards as those for fencing (in heights, gaps and distances), and be fitted with a self closing mechanism that operates from any position from resting on the latching mechanism to fully open, without manual force, and be fitted with a self latching device that will automatically operate on the closing of the gate and prevent the gate from being reopened without manually releasing the mechanism.
“Fencing Mesh”	Where mesh or perforated material is used with apertures less than 13mm the fence height is not to be less than 1200mm, where apertures are between 13mm and 100mm the fence height is not to be less than 1800mm. Perforations greater than 100mm not permitted. Mesh fences are to include a strainer wire or rail at top and bottom.
“Spa pool”	A spa pool is not required to be surrounded by a child-resistant barrier so long as the access to the water contained in the spa pool is restricted/covered at all times the spa pool is not in actual use. A lockable child-safe structure could include a door, lid, grille or child-safe mesh which itself is attached to the spa.
“Indoor pools”	Means of access to indoor pools are at all times to be restricted in accordance to prescribed regulations in that each doorway and opening portion of a window must be in accord with AS 1926.1-2007.

A Standard Test Bar means a round bar having a diameter of 105 millimetres, plus or minus 1 millimetre

GENERAL REQUIREMENTS (3) RESUSCITATION

“Australian Resuscitation Council”

The ARC guidelines for CPR currently recommend:

- 2 ventilations followed by 30 chest compressions when performing CPR. Chest compressions should be delivered at a rate of 100 per minute ensuring adequate depth of compression and minimal interruption to compressions.
- Where a rescuer is either untrained or unwilling to perform CPR they should deliver continuous uninterrupted chesty compressions only at a rate of 100 per minute.
- Untrained rescuers who seek basic life support instructions from Emergency Medical Services by telephone are advised to deliver continuous uninterrupted chest compressions only at a rate of 100 per minute.
- Any attempt at resuscitation is better than no attempt.

Full Guideline 7 is available on www.resus.org.au

Or

<http://www.resus.org.au/redirect2.asp?CMD=Login> go to Guideline 7

“Warning Notice” A notice, maintained in clearly legible condition, shall be erected, and contain the words:

‘YOUNG CHILDREN SHOULD BE SUPERVISED WHEN USING THIS SWIMMING POOL’ and
‘POOL GATES MUST BE KEPT CLOSED AT ALL TIMES’ and ‘KEEP ARTICLES, OBJECTS
AND STRUCTURES AT LEAST 900 MILLIMETRES CLEAR OF THE POOL FENCE AT ALL TIMES’

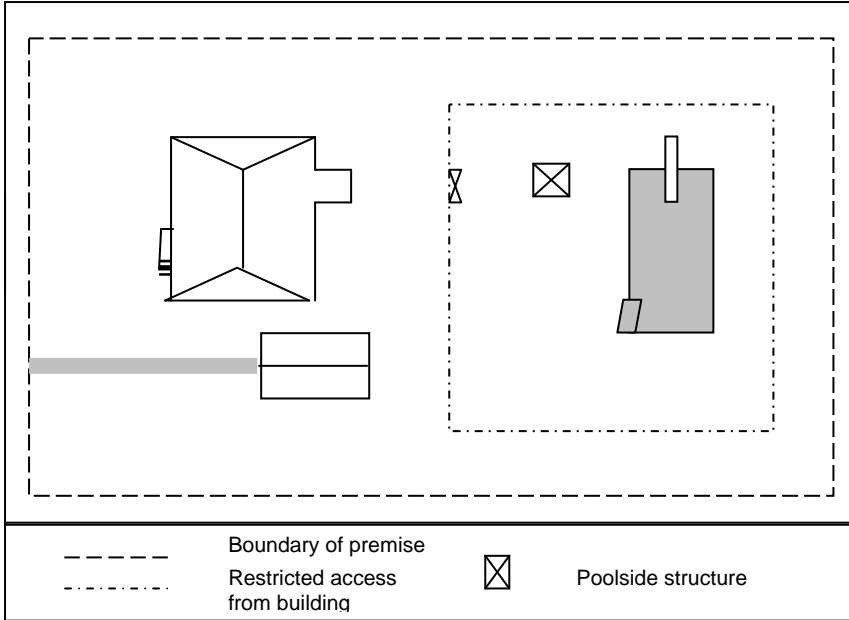
Together with a flow chart of resuscitation techniques.

“AS1926.1-2007”

For all fencing and child-safety specifications, read Australian Standard AS 1926.1-2007 Swimming Pool Safety.

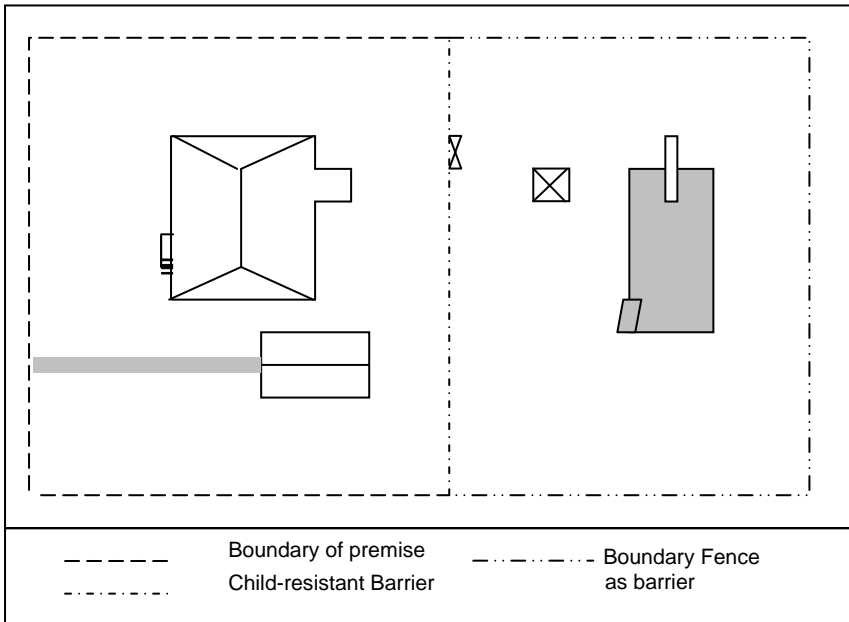
GENERAL REQUIREMENTS (4) RESTRICTED AREAS

“Location of Fencing according to Property Size”
Residential buildings:



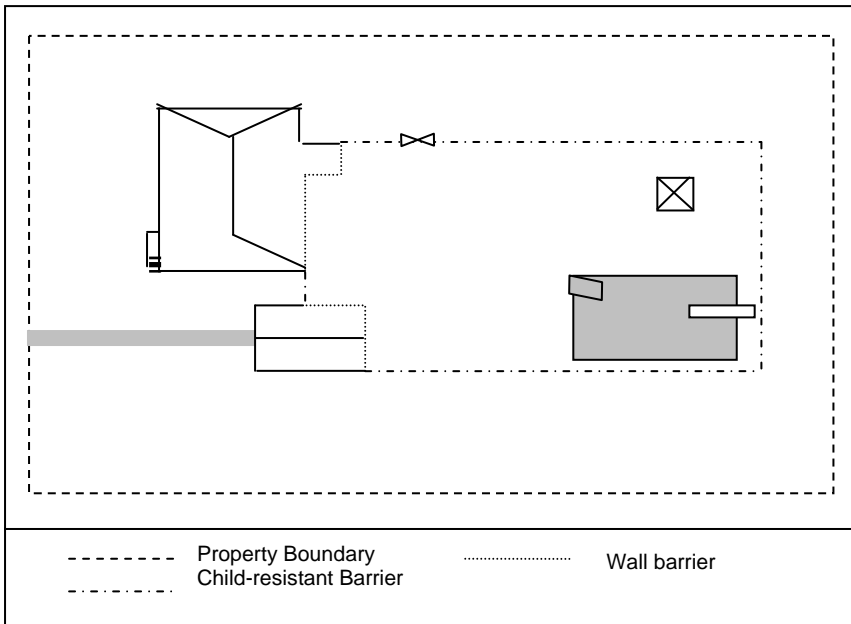
Fencing around all sides of pool with complying fencing and gates

or



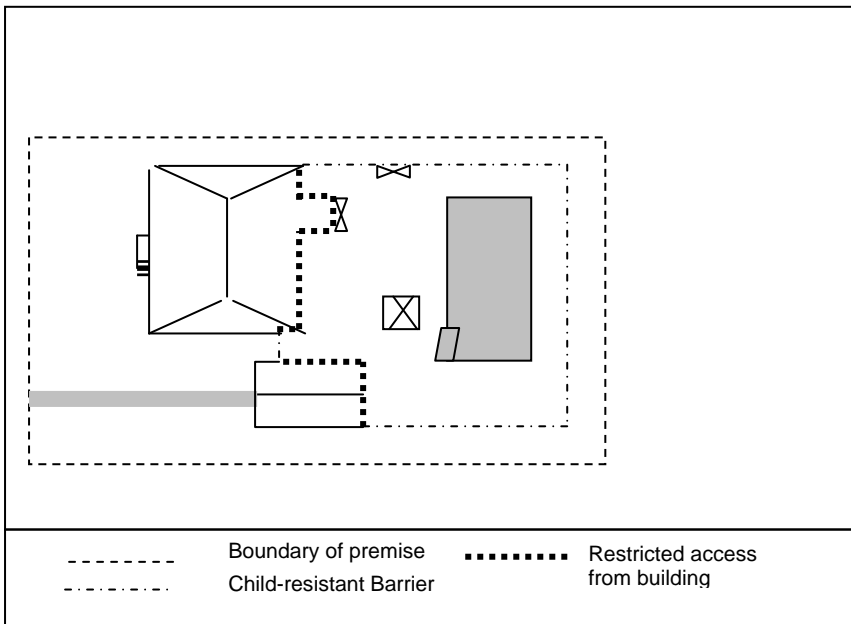
Fencing across the yard area from the side boundary fencing on both sides utilizing the existing fencing as the child-resistant barrier

or



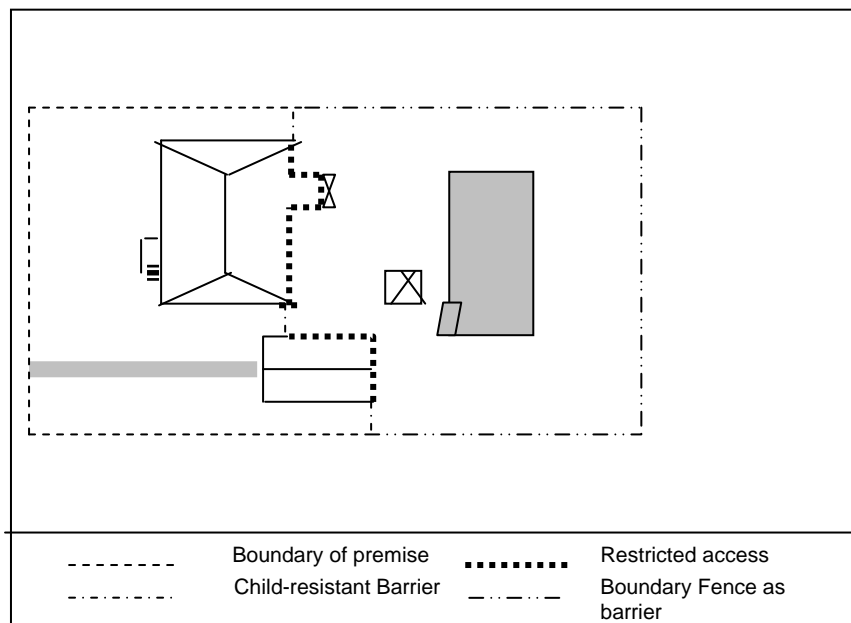
Fencing together with a wall - with restriction of access through any window or door

Very small properties – less than 230m²



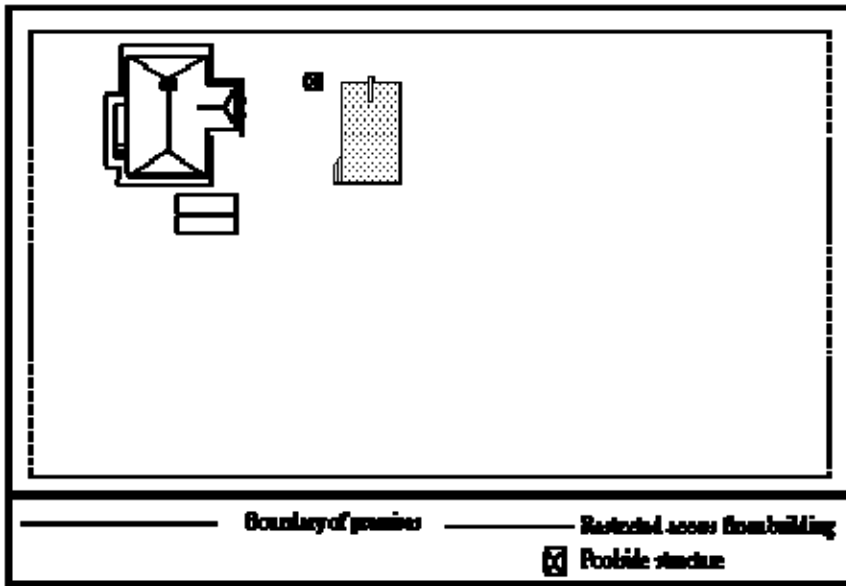
Child-resistant barrier surrounding the pool not required to separate pool from residence, provided means of access to pool from residence are at all times restricted with child safe features

or



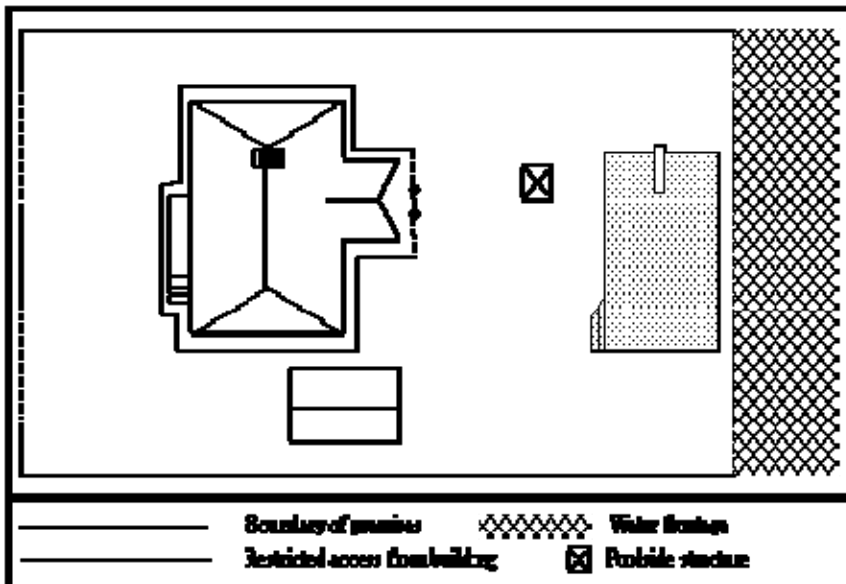
Boundary fence and access from the Residence are at all times to be Restricted with child safe features

Large properties – greater than 2ha



Restricted access from residence

Swimming Pools on Waterfront Properties



Residence to have a fully child resistant barrier

“Warning Notice”

A notice, maintained in a clearly legible condition, shall be erected, and contain the words ‘YOUNG CHILDREN SHOULD BE SUPERVISED WHEN USING THIS SWIMMING POOL’, together with resuscitation techniques.