Waikato Building Consent Group

Residential Pool Inspection (F9/AS1)

Includes non-exempt small heated pools

Applicant's Name:	Consent No:
Property Address:	Pool No:

ITEMS TO BE CHECKED *[Checked against the approved Building Consent (BC) documents]*

Key:
Decision: [√] or [P] = Pass [X] or [F] = Fail, further inspection required [I] or [—] or [NA] = Not Applicable
Reason for decision: Compliance or non-compliance with the approved building consent documents

Means to restrict access when pool is not in use

Immediate pool area

☐ Only pool related activities in the pool area (e.g. deck, changing rooms, deck furniture, barbeque) NOT vegie gardens, a clothes line, sandpit, slide, swing, pets or access from property boundary to house or other areas of the property

Pool Barriers

☐ Pool barriers not on a property boundary must be no less than 1200 mm from the finished floor or ground level outside the pool barrier.
☐ *Pool* barriers must not be angled more than 15° from vertical and may only slope away from the *pool*. (#2.1.3)
☐ Any non-vertical rails (i.e. horizontal or diagonal), rods or wires forming a part of a *pool* barrier are at least 900 mm apart vertically to restrict climbing. (#2.1.3)
☐ No openings in the *pool* barrier that a 100 mm diameter sphere could pass through. (#2.1.3)
☐ Steel wire mesh with square openings (used instead of solid panels): openings do not have a side dimension greater than 13 mm.
☐ Panels with steel wire mesh having openings measuring between 13 mm and 35 mm on a side shall be not less than 1800 mm high but may have a gap at the base of not more than 100 mm.
☐ There shall be no ground features or objects outside a pool barrier within 1200 mm of the top of the barrier that would assist a child in climbing. (##2.1.6)
☐ Any projections or indentions on the outside face of a pool barrier shall not have a horizontal projection from the face of the pool barrier greater than 10 mm unless they are at least 900 mm apart vertically. (### 2.1.7)

Balconies projecting into the immediate pool area

☐ Where the distance from the floor of the balcony to the finished floor level of the immediate pool area, is less than 2.4m (vertically): Barrier complying F9 pool barriers.
☐ Where the distance from the floor of the balcony to the finished floor level of the immediate pool area, is 2.4m (vertically) or more:
- Barrier complying with Clause F4 and no projections within 1200 mm below the top of it (such as a wall or landscaping feature) that could assist a child to climb down. OR Barrier complying F9 Pool Barriers. (Above)

Gate construction: A gate in a *pool* barrier shall be / have:

☐ Hinged
☐ At least 1200mm high
☐ Complies with Pool Barriers
☐ Opens away from the pool
☐ Swings clear of any obstruction that might hold it open
☐ Self-closing device returns gate to closed and latched position from any position with a stationary start
☐ Hinges arranged so when the gate is lifted up or pulled down:
- Latching device will not release, AND
- Gate will not come off its hinges, AND
- Ground clearance under the gate will not allow the passage of a 100 mm diameter sphere.

A latch on a gate in *pool* barrier shall:

☐ Automatically operate on the closing of the gate such that a manual operation is required to release it,
☐ Be positioned so that it cannot be reached by a child from outside the *pool* area.
☐ Not be capable of being released from outside the *pool* area by the insertion of a thin implement through any gaps.

Pool barrier on a property boundary

☐ Not less than 1800 mm high, measured from the ground level on the *pool* side
☐ No openings that a 100 mm diameter sphere could pass through
☐ Located not less than 1000 mm horizontally from the water's edge
☐ Have a 900 mm high zone on the *pool* side of the barrier that begins not more than 150 mm from the top and is constructed as specified in Paragraphs #2.1.3 and ###2.1.7.

Windows in building wall (pool barrier)

Where there is an window that can open above and within 2400 mm vertically of the *immediate pool area* the window shall have either:

☐ The lower edge of the opening no less than 1000 mm above the floor inside the *building* with no projections underneath of more than 10 mm, or
☐ A restrictor limiting the size of the opening such that a 100 mm diameter sphere cannot pass through, OR
☐ A permanently fixed screen over the opening that a 100 mm diameter sphere cannot pass through.

Pool wall as a barrier

☐ The outside face of a *pool* wall is an acceptable barrier if it is no less than 1200 mm high
☐ Pool wall complies with Paragraphs ## 2.1.6 and ## 2.1.7 above.

☐ Any ladder or other pool access means shall have an enclosing barrier and gate complying with Pool Barriers requirements and Gate Construction requirements.

Doors in the building wall (pool barrier)

- ☐ Doors in a *building* wall that provide access into the *immediate pool area* shall be single leaf doors that are not more than 1000 mm in width. These doors shall be side hinged or sliding.
- ☐ For hinged doors that open towards the pool, a self-closing device shall return the door to the closed and latched position from any position when the door is stationary.

Doors in a building wall providing access into the immediate pool area shall have:

- ☐ Either a self-closing device or an audible alarm, and
- ☐ A self-latching device that automatically operates on the closing of the door and that must be released manually, and
- ☐ The release for the latching device located not less than 1500 mm above the inside floor, and
- ☐ A sign which shall be:
  - ☐ fixed adjacent to the inside door handle at a height between 1200 mm and 1500 mm stating:
  - ☐ 'SWIMMING POOL. CLOSE THE DOOR.', and
  - ☐ Composed of black letters of minimum height 5 mm complying with Paragraphs 2.2 and 3.2.2 of F8/AS1.
- ☐ For all other doors, a self-closing device shall return the door to the closed and latched position when the door is stationary and 150 mm or further from the closed and latched position.
- ☐ A door alarm shall: Produce an alarm tone of 75dBAL_{10} when measured at a distance of 3000 mm that commences 7 seconds after the door's self-latching device is released, and
- ☐ A door alarm shall: Automatically return to a state of readiness when the door is closed and latched, and
- ☐ A door alarm shall: Have a low battery charge warning that may be visual or audible.
- ☐ Door alarms may be provided with a deactivation switch placed not less than 1500 mm above floor level that silences the alarm for not more than 15 seconds.

Windows in the building wall (pool barrier)

Where there is an window that can open above and within 2400 mm vertically of the *immediate pool area* the window shall have either:

- ☐ The lower edge of the opening no less than 1000 mm above the floor inside the *building* with no projections underneath of more than 10 mm, or
- ☐ A restrictor limiting the size of the opening such that a 100 mm diameter sphere cannot pass through, or
- ☐ A permanently fixed screen over the opening that a 100 mm diameter sphere cannot pass through.

G12 Water Supplies and G13 Foul Water

- ☐ Water supply
- ☐ Backflow prevention on water supply
- ☐ Hot water heating: valves, venting, water temperature

☐ URBAN: drainage to sewer
☐ RURAL: drainage to soak hole or approved outfall

Documents required by the Building Consent

CCC application:	☐ Received	☐ Outstanding	☐ NA	Engineer's PS4:	☐ Received ☐ Outstanding ☐ NA
As-laid Drainage:	☐ Received	☐ Outstanding	☐ NA	Pressure test:	☐ Received ☐ Outstanding ☐ NA
Back flow Certificate:	☐ Received	☐ Outstanding	☐ NA	Solar water heating:	☐ Received ☐ Outstanding ☐ NA
Electrical certificate:	☐ Received	☐ Outstanding	☐ NA	Other (specify):	☐ Received ☐ Outstanding ☐ NA

NOTE: The project must pass the inspection and the BCA must be supplied with the required documents listed above, to an adequate standard, BEFORE the application for CCC can be lodged.

Comments if required: ☐ Photos attached *(if relevant)* ☐ Memo / Instruction No: ……..... ☐ Verbal instruction *(specify):*

OUTCOME OF DECISIONS *[Tick the correct outcome: e.g.* ☑ PASS *or* ☑ FAIL *etc. Use REPEAT section if applicable.]*

Work complies with the approved BC documents

- ☐ PASS
- ☐ FAIL. But work may proceed to next inspection.
- ☐ FAIL. Repeat inspection required ☐ Additional fee

Officer Name:

Signature : Date:

REPEAT: Work complies with the approved BC documents

- ☐ PASS
- ☐ FAIL. But work may proceed to next inspection.
- ☐ FAIL. Repeat inspection required ☐ Additional fee

Officer Name:

Signature: Date:

STATEMENTS RECEIVED

Key for statement types:

As-laid drainage (ALD) Backflow (BF) Electrical (EL) Engineer / Designer (PS4) Pressure test (P) Solar systems (S)

Other (O) *[specify statement type]*……

Author's Name (If author providing more than one document, list and assess each document)	Decisions Regarding Document Content							Decision Regarding Author registration					Reason for decision	Outcome of decision
		P=Pass F=Fail NA=Not Applicable						P=Pass F=Fail NA=Not Applicable					P = content adequate / author approved / other reason recorded below F = content inadequate / author not approved / other recorded below	P = Accept document F = Reject document
	Statement type / Header	Site Address / Legal description	Insurance	Date	B. Code (parts)	Work identified	Name & signature	CPEng register	NZRAB register	EWRB register	PGD register	WBCG register		

Other reason(s) for decision(s): *(Use this area for "other" statement types, or for giving reasons for decisions where a statement is not complete or an author is not registered, but you are accepting their statement)*