Processing Checklist: **Waikato Building Consents**

Residential Pools

Any product (other than an ordinary home bath) that is designed or modified to be used for swimming, wading, paddling, or bathing

Processor Name:	**Building Consent No:**	**Building Category:**

Decision Keys: P or Y or ☑ = Pass, F or N or X = Fail, i.e. Item either passes or fails to meet the performance requirements of the NZBC, NA or I = Not applicable, i.e. The item or code clause has been considered but is not applicable to this application because the item, or the clause, is either not part of this design or relevant to this type of building project.

BUILDING CODE CLAUSES (Building Code, Acceptable Solutions)

P/F/NA	Item	/F/NA	Item
B1 STRUCTURE ☐ Not applicable to this BC			(Refer to B1 Acceptable Solutions)
	Ground stability		Location of existing underground services
	Dimensions to boundaries / buildings indicated		SD Pool, PS1
	Contours on site plan have been provided		Specifications are current and project relevant
	Special features of land / ground conditions have been identified (*Engineer Design*)		

Reasons for decisions plus any additional comments or RFIs:
General:

RFIs required:

RFIs received:

B2 DURABILITY ☐ Not applicable to this BC			(Refer to B2 Acceptable Solutions)
Acceptable solutions: See Fig.1, Paragraph 1.2.2, and Table 1, (pg16 – 22)			
	5 year durability considered		Corrosion zone: ☐ B ☐ C ☐ D / E
	15 year durability considered		Timber treatments
	50 year durability considered		Specified intended life considered, life = ...years

Reasons for decisions plus any additional comments or RFIs:
General:

RFIs required:

RFIs received:

F9 RESIDENTIAL POOLS (including non-exempt small heated pools) (Refer to F9 Acceptable Solutions)

IMMEDIATE POOL AREA	
	Only pool related activities in the pool area (e.g. deck, changing rooms) and deck furniture, barbeque also allowed but 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 ☐ Not applicable to this BC

The pool barrier construction.Tick all that apply:

☐ Boundary Fence ☐ House wall ☐ Solid or glass panel ☐ Steel wire mesh
☐ Non-boundary fence ☐ Other building wall ☐ Planks / Louvre slats ☐ Aluminium balustrade
☐ Concrete block wall ☐ Pool wall as barrier ☐ Other: <specify>

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

Pool barrier on a property boundary ☐ Not applicable to this BC

	Not less than 1800mm high, measured from the ground level on the *pool* side		Have a 900mm 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 above.
	No openings that a 100mm diameter sphere could pass through		
	Located not less than 1000mm horizontally from the water's edge		

Pool wall as a barrier ☐ Not applicable to this BC

	The outside face of a *pool* wall is an acceptable barrier if it is no less than 1200 mm high		Any ladder or other pool access means shall have an enclosing barrier and gate complying with **Pool Barriers** requirements and **Gate Construction** requirements
	Pool wall complies with Paragraphs 2.1.6 and 2.1.7above.		

Balconies projecting into the immediate pool area ☐ Not applicable to this BC

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 EQUAL TO OR MORE than 2.4m (vertically):

	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.

Reasons for decisions plus any additional comments or RFIs:

General:

RFIs required:

RFIs received:

GATES IN POOL BARRIERS - Gate construction			
A gate in a *pool* barrier shall be or 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.
Have hinges arranged such that when the gate is lifted up or pulled down:			
	The latching device will not release, **AND**		the gate will not come off its hinges, **AND**
	The 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 closing of gate such that a manual operation is required to release it,		Not be capable of being released from outside the *pool* area by insertion of a thin implement through any gaps.
	Be positioned so it cannot be reached by a child from outside the *pool* area.		
Reasons for decisions plus any additional comments or RFIs: General: RFIs required: RFIs received:			
BUILDING WALL FORMING THE POOL BARRIER			
Windows in the building wall			
Where there is an window that can open above and within 2400 mm vertically of the *immediate pool area* the window shall have either:			
	Lower edge of opening no less than 1000mm above the floor inside the *building,* with no projections underneath of more than 10mm, or		A permanently fixed screen over the opening that a 10mm diameter sphere cannot pass through.
	A restrictor limiting the size of the opening such that a 100 mm diameter sphere cannot pass through, or		
Doors in the building wall			
Doors in *building* wall providing access into the *immediate pool area* shall be:			
	Single leaf doors		Either side hinged or sliding
	No more than 1000mm in width		
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 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
	Self-latching device that automatically operates on closing of 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		height 5 mm complying with Paragraphs 2.2 and 3.2.2 of F8/AS1
	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.		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 of 75dBAL_{10} from a distance of 3000 mm that commences 7 secs 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.
Reasons for decisions plus any additional comments or RFIs: General: RFIs required: RFIs received:			

G12 Water Supplies ☐ Not applicable to this BC			(Refer G12 Acceptable Solutions)
	Water supply details		Hot water heating design *(all relevant valves, venting requirements, water temperature*)
	Backflow prevention on water supply		
Reasons for decisions plus any additional comments or RFIs: General: RFIs required: RFIs received:			
G13 Foul Water ☐ Not applicable to this BC (Refer G13 Acceptable Solutions)			
	Backwash to be discharged to satisfaction of BCA		
Reasons for decisions plus any additional comments or RFIs: General: RFIs required: RFIs received:			

F5 Construction and Demolition Hazards ☐ Not applicable to this BC (Refer F5 Acceptable Solutions)		
	Temporary fencing detail or annotation have been provided	
Reasons for decisions plus any additional comments or RFIs: General:		

RFIs required:

RFIs received:

☑ All other clauses of the Building Code have been considered not applicable to this Building Consent.

Building Act 2004 and Other			(Refer to Building Act 2004)
	S26(2) Warning or ban		S71 - 74 Natural hazards
	S30A-H NMUA		S75 - 77 Building over 2 lots
	S31 PIM		S87A Owner notification of LBPs doing RBW
	S36 Development Contribution notice		S90 Inspections by BCA
	S37 Restrict project start (no Resource Consent issued)		S90D Owner-Builder exemption – FORM2C
	S39 Heritage New Zealand		S112 Alterations to existing buildings
	S42: Building work already undertaken (with or without a BC) which may require a COA		S113 Intended life of building
	S43(2) Energy work requiring a BC		S115 Change of use
	S45 How to apply for a BC, Amendment minor variation		S116 Extension of Life
	S67 - 70 Waiver or modification		S116A Subdivision of building / part of building
	Project value provided and reasonable		

Reasons for decisions plus any additional comments or RFIs:

- S26(2):
- S30A-H:
- S31:
- S36 - 37:
- S39:
- S42:
- S43(2)
- S45:
- S67-70:
- S71-74:
- S75-77:
- S87A
- S90:
- S90D:
- S112:
- S113:
- S115:
- S116:
- S116A:

- RFIs required:
- RFIs received:

STATEMENTS RECEIVED

Key for statement types:

As-laid drainage (ALD) Electrical (EL) Engineer / Designer (PS1, PS2) 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** P=Pass F=Fail NA=Not Applicable							**Decision Regarding Author registration** P=Pass F=Fail NA=Not Applicable					**Reason for decision** P = content adequate / author approved / other reason **recorded below** F = content inadequate / author not approved / other **recorded below**	**Outcome of decision** 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)*

Determinations Regarding Pools: (Refer to "Fencing" or "Pools" - 2012/037, and 2010/104)

OUTCOME OF DECISIONS

☐ Documentation does NOT demonstrate compliance with the Building Code and Building Act 2004. Building Consent cannot be granted until requests for further information have been addressed by the Applicant. The application is on hold.

Name: _____ Signature: _____ Date: _____

☐ Documentation demonstrates compliance with the Building Code and Building Act 2004. If there were any requests for further information, these have been addressed and the reasons for these have been recorded in each instance. Building Consent can now be granted and issued on payment of the appropriate fees and levies.

Name: _____ Signature: _____ Date: _____

☐ Documentation does NOT demonstrate compliance with the Building Code and Building Act 2004. Building Consent cannot be granted. Requests for further information have not been addressed by the Applicant.

Name: _____ Signature: _____ Date: _____