

Processing Checklist:

Waikato Building Consents

Cowsheds / Dairy Sheds

For example - rotary and herringbone construction methods.

Processor Name:	Building Consent No:	Building Category:
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KEYS: Decisions: 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.

Refer to [Acceptable Solutions](#) B1 – H1 as appropriate available from the Ministry of Business, Innovation & Employment website.

P/F/NA	Item	P/F/NA	Item
B1 Structure	<input type="checkbox"/> Not applicable to this BC	<input type="checkbox"/> Specific design	<input type="checkbox"/> NZS 3604
Wind Zone:	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/> Extra High <input type="checkbox"/> SED	Concrete floor	
		Framing and joist grade / size / fixings	
	Specific design, PS1 and calculations	Wall bracing elements and fixings	
	Footing / foundations / slab: Special features of land consideration	Beam / post / size / connections	
		Truss design	
	Pad / post / footing reinforcing		

Reasons for decisions plus any additional comments or RFIs:

Wind zones:

- Wind RFIs required:
- Wind RFIs received:
- General:
- RFIs required:
- RFIs received:

B2 Durability	<input type="checkbox"/> Not applicable to this BC	(Refer to B2 Acceptable Solutions)
For acceptable solutions, refer to		
<ul style="list-style-type: none"> Figure 1 Assessment of durability requirement Paragraph 1.2.2, pg16 Table 1, pg17 - 22 		
5 year durability considered		Timber treatment shown for:
15 year durability considered		<input type="checkbox"/> External wall framing
50 year durability considered		<input type="checkbox"/> Exterior timbers
Specified intended life considered, life = years		<input type="checkbox"/> Piles and in ground contact
		<input type="checkbox"/> Roof framing timber
Corrosion zone: <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D / E		<input type="checkbox"/> Wood-based flooring: distance to exposed ground
Fixings SS if in Corrosion zone		
Serviceable items able to be accessed		<input type="checkbox"/> Structural steel coatings
DPC provided to piles if required		
Sub-floor vented and / or ground cover provided		

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional: Treatments are appropriate:

TIMBER	TREATMENT	TIMBER	TREATMENT
In-ground		Interior wall framing	
Sub-floor		Exterior wall framing	
Floor		Roof framing	



Te kaunihera o Kirikiriroa

Trims		Deck piling		
Cavities		Deck framing		
Cladding				

- RFIs Required:
- RFIs received:

C DOCS - Protection from Fire: <input type="checkbox"/> Not applicable to this BC (Refer to C documents Acceptable Solutions)				
State Risk Group: [tick all that apply]				
<input type="checkbox"/> C/VM1 Solid fuel heaters <input type="checkbox"/> C/AS2 Buildings other than Risk Group SH				
Verification Method C/VM1 <input type="checkbox"/> Not applicable to this BC as no heater <input type="checkbox"/> Solid fuel heater processing checklist attached				
Reasons for decisions plus any additional comments or RFIs: <ul style="list-style-type: none"> • General: • Additional: <ul style="list-style-type: none"> ◦ Solid fuel heater: ◦ Hearth/slab: ◦ Chimney flue: ◦ Generic materials: ◦ Heat transfer / Distances: • RFIs required: • RFIs received: 				
Acceptable Solutions				
Part 1 General <input type="checkbox"/> Not applicable to this BC				
Reasons for decisions plus any additional comments or RFIs: <ul style="list-style-type: none"> • General: • Additional: Fire protection system: • RFIs Required: • RFIs received: 				
Part 2 Fire Cells, Fire Safety Systems, and Fire Resistance Ratings <input type="checkbox"/> Not applicable to this BC				
Reasons for decisions plus any additional comments or RFIs: <ul style="list-style-type: none"> • General: • Additional: Distance to Boundary: <specify> • RFIs required: • RFIs received: 				
Part 3 Means Of Escape <input type="checkbox"/> Not applicable to this BC				
Reasons for decisions plus any additional comments or RFIs: <ul style="list-style-type: none"> • General: • Additional: Escape path lengths (match protection system): 				

- RFIs required:
- RFIs received:

Part 4 Control Of Internal Fire & Smoke Spread Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

Part 5 Control Of External Fire spread Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

Part 6 Firefighting Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

Part 7 Prevention Of Fire Occurring Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

E1 Surface Water Not applicable to this BC

(Refer E1 [Acceptable Solutions](#))

Adequate downpipes		Discharge to approved outfall
Drain sizes gradients, outfalls		Soakage report that includes soak hole design & calculations where applicable
Storm-water drainage – roof or hard surfaced areas		

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional:
 - FFLs:
 - Gutters:
 - Downpipes:
 - Discharge pipe:
 - Pipe gradients:
 - Protection from flooding:

- Soak pit / other:
- Retaining wall drainage:
- RFIs required:
- RFIs received:

E2 External Moisture Not applicable to this BC (only needs addressing if internally lined)
(Refer E2 [Acceptable Solutions](#))

	Risk matrix assessment provided		
Roof Cladding			
	Roof type, profile and pitch comply		Details & flashings for hips, ridges, valleys, aprons & bargeboards
	Product name for roofing underlay provided		
	Stop end details		Exterior sheathing detailed to acceptable solution
	Roof penetrations		Durability (<i>differing materials are compatible, coatings applicable for corrosion zone</i>)
	Internal metal gutter capacity & overflow		

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional:
 - Cladding type:
 - Pitch:
 - Underlay:
- RFIs Required:
- RFIs received:

Membrane Roofs / Gutters Not applicable to this BC

	Membrane type and pitch		Gutter capacity & overflow
	Substrate thickness & treatment		

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

Footing / Foundations Not applicable to this BC

	Block work waterproofed		
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Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

Cladding Not applicable to this BC

	Type of cladding / claddings approved system		Brick veneer step down provided
			Alternative solution properly detailed
	Building wrap specified appropriate &		Drain filter fabric and DPC protection behind walls

	compatible with cladding (<i>air barrier</i>)		Eaves and gutters weatherproofing detailed	
	Construction details for the drained cavity system		Wall / soffit junctions	
			Brick ties, lintels & shelf angle size and treatment	
	Flashing details provided for window & door openings		Timber profiles have appropriate weather grooves	
			Construction details between different claddings	
	Internal and external corner details are provided		Joinery details and flashings shown for: <ul style="list-style-type: none"> Window / door heads Jambs Sill details for windows, doors Balustrades waterproofed Other openings penetrations protected 	
	Have parapets / enclosed deck barrier junctions / flashings been detailed?			
	Construction / movement / shrinkage joints been detailed relevant to cladding			
	Battens shown (H3.1)			
Reasons for decisions plus any additional comments or RFIs:				
<ul style="list-style-type: none"> General: Additional: <ul style="list-style-type: none"> Building wrap: Sill tape: Flashings: RFIs required: RFIs received: 				

F1 Hazardous Agents on Site	<input type="checkbox"/> Not applicable to this BC	(Refer F1 Acceptable Solutions)
Contamination etc. checked on GIS		Sent to Health
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		

F2 Hazardous Building Materials	<input type="checkbox"/> Not applicable to this BC	(Refer F2 Acceptable Solutions)
Glass type OK (<i>safety glass</i>)		Other (e.g. asbestos)
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		

F3 Hazardous Substances and Processes	<input checked="" type="checkbox"/> Not applicable to this BC	(Refer F3 Acceptable Solutions)
(Note: Unlikely, but send to DG if found)		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		

F4 Safety from Falling	<input type="checkbox"/> Not applicable to this BC	(Refer F4 Acceptable Solutions)
Stairs, Landings, Platforms, Handrails	<input type="checkbox"/> Not applicable to this BC	
1m barriers to all decks, stairs, openings etc.		Walls (>1m in height)

	Child risk openings <100 mm, no toeholds	Upper storey windows restrictors required where sill height <760 mm	
	Retaining on access routes protected		
Reasons for decisions plus any additional comments or RFIs:			
<ul style="list-style-type: none"> General: Additional: <ul style="list-style-type: none"> Windows: Handrails: RFIs required: RFIs received: 			

F5 Construction and Demolition Hazards	<input type="checkbox"/> Not applicable to this BC	(Refer F5 Acceptable Solutions)
Hazard identification and management		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: <p>(NOTE: F5 is always applicable. It may not be our responsibility to manage F5 but there needs to be an indication that it will be managed on site.)</p>		

F8 Signs	<input type="checkbox"/> Not applicable to this BC	(Refer F8 Acceptable Solutions)
Signs for potable / grey water indicated		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		

Under section 112, Building Act 2004, the following must be considered for any alteration

G1 Personal Hygiene	<input type="checkbox"/> Not applicable to this BC	(Refer G1 Acceptable Solutions)
WC provided		
Shower / bath / hand wash basin		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		

G9 Electricity	<input type="checkbox"/> Not applicable to this BC	(Refer G9 Acceptable Solutions)
Electrical energy certificate – needs to be supplied with CCC application		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: Additional: RFIs required: RFIs received: 		

G10-G11 Piped Services & Gas Energy		<input type="checkbox"/> Not applicable to this BC (Refer G10 and G11 Acceptable Solutions)
Gas energy certificate – needs to be supplied with CCC application		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: RFIs required: RFIs received: 		
G12 Water Supplies	<input type="checkbox"/> Not applicable to this BC	(Refer G12 Acceptable Solutions)
Potable water supply		Are pipe sizes & length of run specified & adequate
Backflow protected – air gap or backflow valve		Water tanks have overflows
Hot water heating, all relevant valves / venting requirements provided		Any special signage requirements identified on plans (<i>pumps, non-potable water etc.</i>)
Wetback installation – attach heater checklist		Hot water system location, seismic restraint
Solar systems – attach solar installations checklist		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: Additional: <ul style="list-style-type: none"> Supply: Quality: HW storage: HW tempering: HW seismic restraints: Supply pipe: Pipe work: 		
<ul style="list-style-type: none"> RFIs required: RFIs received: 		

G13 Foul Water	<input type="checkbox"/> Not applicable to this BC	(Refer G13 Acceptable Solutions)
Discharge to approved outfall		Drainage pipe length / ventilation
System to G13 / AS1		Drainage pipe size / gradients
System to AS / NZS 3500		Access / inspection / rodding points or chambers (<i>entering or exiting under slab</i>)
Waste pipe size / gradients		Onsite sewage design specification & PS1 for system
Waste pipe length / venting (<i>stacks, multi fixtures to discharge pipe</i>)		Drainage plan: effluent disposal system (<i>septic tank and / or pond</i>) in relation to buildings, boundaries, drives, water bores, water courses, & room to duplicate or extend system
Correct sewer connection and depth to allow gravity feed		
Overflow relief gully (ORG) provided		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> General: Additional: <ul style="list-style-type: none"> System Capacity: Pipe sizes: Pipe gradients: 		

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- Bedding and backfill:
- Drains under buildings:
- RFIs required:
- RFIs received:

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

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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	S90 Inspections by BCA
S36 Development Contribution notice	S90D Owner-Builder exemption – FORM2C
S37 Restrict project start (no Resource Consent issued)	S112 Alterations to existing buildings
S39 Heritage New Zealand	S113 Intended life of building
S42: Building work already undertaken (with or without a BC) which may require a COA	S115 Change of use
S43(2) Energy work requiring a BC	S116 Extension of Life
S45 How to apply for a BC, Amendment minor variation	S116A Subdivision of building / part of building
S67 - 70 Waiver or modification	
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: Electrical Plan (EP) Engineer / Designer (PS1, PS2) Truss Layout (TR) Fire Philosophy (FP)
Waterproofing (WP) Other (O) [specify].....

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)

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: