

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 meets the performance requirements of the NZBC
 NA or I = 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 [Compliance Documents](#) 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 required?		Does the framing and joist grade / size / treatment / fixings comply?
	Are there any specific design requirements? (PS1 and calculations required)		Are wall bracing elements and fixings detailed and correct?
	Footing / foundations / slab: Do special features of land require consideration?		Do beam / post / size / treatment / connections comply?
	Are all pad / post / footing reinforcing details correctly sized?		Is truss design criteria and certificate from approved fabricator been provided?
	Is concrete floor compliant? If specific design, PS1 for complete structure and calculations required.		
Reasons for decisions plus any additional comments or RFIs:			

B2 Durability <input type="checkbox"/> Not applicable to this BC		(Refer to B2 Compliance Document)	
	Corrosion zone: <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D / E		Timber treatment shown for:
	Geothermal zone (within 50m of hotspot)		• External wall framing
	Snow zone		• Exterior timbers
	Fixings SS if in Corrosion zone		• Piles and in ground contact
	Serviceable items able to be accessed		• Roof framing timber
	DPC provided to piles if required		• Wood-based flooring: distance to exposed ground
	Sub-floor vented and / or ground cover provided		• Structural steel coatings
Reasons for decisions plus any additional comments or RFIs:			

C DOCS - Protection from Fire: <input type="checkbox"/> Not applicable to this BC		(Refer to C documents Compliance Document)	
State Risk Group: [tick all that apply]			
<input type="checkbox"/>	C/VM1	Solid fuel heaters	
<input type="checkbox"/>	C/VM2	Framework for fire safety design	
<input type="checkbox"/>	C/AS1 (SH)	Building with sleeping (residential)	
<input type="checkbox"/>	C/AS2 (SM)	Building with sleeping (non institutional)	
<input type="checkbox"/>	C/AS3 (SI)	Buildings where care or detention is provided	
<input type="checkbox"/>	C/AS4 (CA)	Buildings with public access	
<input type="checkbox"/>	C/AS5 (WB)	Buildings used for business, commercial and low level storage	
<input type="checkbox"/>	C/AS6 (WS)	Buildings used for high level storage and other high risk purposes	
<input type="checkbox"/>	C/AS7 (VP)	Buildings used for vehicle storage and parking	
Verification Method C/VM1 <input type="checkbox"/> Not applicable to this BC			
Reasons for decisions plus any additional comments or RFIs:			

Acceptable Solutions	
Part 1 General	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:
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:
Part 3 Means Of Escape	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:
Part 4 Control Of Internal Fire & Smoke Spread	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:
Part 5 Control Of External Fire spread	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:
Part 6 Firefighting	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:
Part 7 Prevention Of Fire Occurring	<input type="checkbox"/> Not applicable to this BC Reasons for decisions plus any additional comments or RFIs:

E1 Surface Water <input type="checkbox"/> Not applicable to this BC (Refer E1 Compliance Document)	
Adequate down pipes provided?	Discharge to approved outfall
Are drain sizes gradients, outfalls correct?	Soakage report that includes soak hole design & calculations where applicable
Stormwater drainage – roof or hard surfaced areas	
Reasons for decisions plus any additional comments or RFIs:	

E2 External Moisture <input type="checkbox"/> Not applicable to this BC (only needs addressing if internally lined) (Refer E2 Compliance Document)	
Risk matrix assessment provided	
Roof Cladding	
Roof type, profile and pitch comply	Internal metal gutter capacity & overflow
Product name for roofing underlay provided (<i>spreaders over concrete tiled roof, requirement for anti ponding boards</i>)	Have details & flashings been provided for the hips, ridges, valleys, aprons & barges?
Stop end details	Exterior sheathing detailed to acceptable solution
Roof penetrations	Durability (differing materials are compatible, coatings applicable for corrosion zone)
Membrane Roofs / Gutters	Footing / Foundations
Membrane type and pitch	Block work waterproofed
Substrate thickness & treatment	
Gutter capacity & overflow	
Cladding	
Type of cladding / claddings approved system	Drain filter fabric and DPC protection behind walls
Building wrap specified appropriate & compatible with cladding (<i>air barrier</i>)	Eaves and gutters weatherproofing detailed

	Construction details for the drained cavity system		Wall / soffit junctions
	Flashing details provided for window & door openings		Brick ties, lintels & shelf angle size and treatment
	Internal and external corner details are provided		Timber profiles have appropriate weather grooves
	Have parapets / enclosed deck barrier junctions / flashings been detailed?		Construction details between different claddings
	Construction / movement / shrinkage joints been detailed relevant to cladding		Joinery details and flashings shown for: <ul style="list-style-type: none"> Window / door heads Jams Sill details for windows, doors Balustrades waterproofed Other openings penetrations protected
	Battens shown (H3.1)		
	Brick veneer step down provided		
	Alternative solution properly detailed		
Reasons for decisions plus any additional comments or RFIs:			

F1 Hazardous Agents <input type="checkbox"/> Not applicable to this BC (Refer F1 Compliance Document)			
	Contamination etc checked on GIS		Sent to Health
Reasons for decisions plus any additional comments or RFIs:			

F2 Hazardous Building Materials <input type="checkbox"/> Not applicable to this BC (Refer F2 Compliance Document)			
	Glass type OK (<i>safety glass</i>)		Other (e.g. <i>asbestos</i>)
Reasons for decisions plus any additional comments or RFIs:			

F3 Hazardous Substances & Processes <input type="checkbox"/> Not applicable to this BC (Refer F3 Compliance Document)			
(Note: Unlikely, but send to DG if found)			
Reasons for decisions plus any additional comments or RFIs:			

F4 Safety From Falling <input type="checkbox"/> Not applicable to this BC (Refer F4 Compliance Document)			
Stairs, Landings, Platforms, Handrails			
	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:			

F5 Construction / Demolition Hazards <input type="checkbox"/> Not applicable to this BC (Refer F5 Compliance Document)			
Reasons for decisions plus any additional comments or RFIs:			

F8 Signage <input type="checkbox"/> Not applicable to this BC (Refer F8 Compliance Document)			
	Signs for potable / grey water indicated		
Reasons for decisions plus any additional comments or RFIs:			

G1 Personal Hygiene <input type="checkbox"/> Not applicable to this BC (Refer G1 Compliance Document)	
WC provided	Shower / bath / hand wash basin
Reasons for decisions plus any additional comments or RFIs:	

G9 Electricity <input type="checkbox"/> Not applicable to this BC (Refer G9 Compliance Document)	
Request electrical energy certificate - to be supplied prior to CCC	
Reasons for decisions plus any additional comments or RFIs:	

G10-G11 Piped Services & Gas Energy <input type="checkbox"/> Not applicable to this BC (Refer G10 and G11 Compliance Document)	
Request gas energy certificate – to be supplied prior to CCC	
Reasons for decisions plus any additional comments or RFIs:	

G12 Water Supplies <input type="checkbox"/> Not applicable to this BC (Refer G12 Compliance Document)	
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	HWC / Infinity location, seismic restraint
Wetback installation – attach heater checklist	Any special signage requirements identified on plans (<i>pumps, non-potable water etc.</i>)
Solar systems – attach solar installations checklist	
Reasons for decisions plus any additional comments or RFIs:	

G13 Foul Water <input type="checkbox"/> Not applicable to this BC (Refer G13 Compliance Document)	
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	Engineering site investigation (<i>soil report</i>) provided with 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 (<i>ORG</i>) provided	
Reasons for decisions plus any additional comments or RFIs:	

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)	
Section 31 PIM	Section 90 Inspections by BCA
Section 36 Development Contribution notice	Section 112 Alterations to existing buildings
Section 37 Restrict project start (<i>no Resource Consent issued</i>)	Section 113 Intended life of building
Section 39 Historic Places Trust	Section 115 Change of use
Section 67 - 68 Waiver or modification	Section 116 Extension of Life
Section 71 - 74 Natural hazards	Section 122 Earthquake-prone building - SED may be required

Section 75 - 77 Building over 2 lots	Project value provided and reasonable
Reasons for decisions plus any additional comments or RFIs:	

STATEMENTS RECEIVED

Key for statement types: Electrical Plan (EP) Engineer / Designer (PS1, PS2) Truss Layout (TR) Fire Philosophy (FP) Waterproofing (WP) Other (O) *[specify]*.....

Author's Name	Decision Regarding Document Content / Author Approval											Reason for decision ✓ / Y / P = content adequate / author approved / other reason [specify] × / N / F = content inadequate / author not approved / other [specify]	Outcome of decision ✓ / Y / P = accept document × / N / F = reject document			
	Statement type	Header	Site Address	Legal description	Insurance	Date	B. Code (parts)	Work identified	Name & signature	Author address	CPEng register			NZRAB register	EWRB register	PGD register

DOCUMENTATION

The following listed and attached documents and checklists have been completed to support justification for issuing the Building Consent: (e.g. *PSSs, PS checklists, Peer Reviews, appraisals, other*)

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: _____

INTERNAL AUDIT / PEER REVIEW Not applicable to this BC

This assessment has been audited / peer reviewed. The auditor / peer reviewer has / has not agreed with the decision made.
Name: _____ Signature: _____ Date: _____