

Plumbing and Drainage (Residential & Minor Commercial)

Processor Name:	Building Consent No:	Building Category:
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Refer to [Acceptable Solutions](#) B1 – H1 as appropriate available from the Ministry of Business, Innovation & Employment website.

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.

P/F/NA	Item	P/F/NA	Item
B1 Structure <input type="checkbox"/> Not applicable to this BC		(Refer to B1 Acceptable Solutions)	

Specific Design / Verification methods

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

B2 Durability <input type="checkbox"/> Not applicable to this BC	(Refer to B2 Acceptable Solutions)
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For acceptable solutions, refer to

- Figure 1 Assessment of durability requirement Paragraph 1.2.2, pg16
- Table 1, pg17 - 22

<input type="checkbox"/> 5 year durability considered		Corrosion zone: <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D / E
<input type="checkbox"/> 15 year durability considered		Durability (<i>differing materials are compatible, coatings applicable for corrosion zone</i>)
<input type="checkbox"/> 50 year durability considered		
<input type="checkbox"/> Specified intended life considered, life =years		Geothermal zone (<i>within 50m of hotspot</i>)
		Serviceable items able to be accessed

Reasons for decisions plus any additional comments or RFIs:

- General:
- RFIs required:
- RFIs received:

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

C DOCS - Protection from Fire: <input type="checkbox"/> Not applicable to this BC	(Refer to C documents Acceptable Solutions)
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State Risk Group: [tick all that apply]

- C/VM1 Solid fuel heaters
- C/VM2 Framework for fire safety design
- C/AS1 (SH) Buildings with Sleeping (residential) and Outbuildings (Risk Group SH)
- C/AS2 Buildings other than Risk Group SH

Verification Method C/VM1 Not applicable to this BC as no heater
 Solid fuel heater processing checklist attached

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional:
 - Solid fuel heater:

- Hearth/slab:
- Chimney flue:
- Generic materials:
- Heat transfer / Distances:
- RFIs required:
- RFIs received:

Acceptable Solutions

Part 1 General Not applicable to this BC
 Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional: Fire protection system:
- RFIs Required:
- RFIs received:

Part 2 Fire Cells, Fire Safety Systems, and Fire Resistance Ratings Not applicable to this BC
 Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional: Distance to Boundary: <specify>
- RFIs required:
- RFIs received:

Part 3 Means Of Escape Not applicable to this BC
 Reasons for decisions plus any additional comments or RFIs:

- 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:

D1 Access Not applicable to this BC (Refer D1 [Acceptable Solutions](#))

Slip resistance	Steps 400mm clear of door
Limited riser openings where children present	Curved stairs comply
Landings top and bottom of stairs and ramps	Handrails provided to stairs
Max flight height checked (2.5m and 4m)	Stair pitch, riser & treads suitable for main private, secondary private, minor private

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional:
 - Slip resistance external:
 - Slip resistance internal:
- RFIs required:
- RFIs received:

E1 Surface Water Not applicable to this BC (Refer E1 [Acceptable Solutions](#))

Contours on site plan, levels defined	Storm-water to approved outfall
Internal gutters sized	Soakage report for new buildings or additions (1 in 10 yr storm) & soak hole design & calculations
Overflows provided to exterior	Cesspits provided to sealed / concrete areas
Downpipes adequate	Drains under building straight with access each end

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	<input type="checkbox"/> Not applicable to this BC	(Refer E2 Acceptable Solutions)
Roof penetrations		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> • General: • RFIs required: • RFIs received: 		

E3 Internal Moisture	<input type="checkbox"/> Not applicable to this BC	(Refer E3 Acceptable Solutions)
	Finishes / surfaces impervious, durable and easily cleaned	Shower / bath: waterproofing
		Thermal resistance in habitable spaces
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> • General: • 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: 		
(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.)		

F7 Warning Systems	<input type="checkbox"/> Not applicable to this BC	(Refer F7 Acceptable Solutions)
Smoke detection provided in all household units		
Reasons for decisions plus any additional comments or RFIs:		
<ul style="list-style-type: none"> • General: • Additional: • 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:

G12 Water Supplies 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	Hot water system 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:

- General:
- Additional:
 - Supply:
 - Quality:
 - HW storage:
 - HW tempering:
 - HW seismic restraints:
 - Supply pipe:
 - Pipe work:
- RFIs required:
- RFIs received:

G13 Foul Water Not applicable to this BC (Refer G13 [Acceptable Solutions](#))

Schematic provided (<i>2 or more levels</i>)	Drainage pipe length / ventilation
Discharge to approved outfall	Drainage pipe size / gradients
System to G13 / AS1,2	Access/ inspection / rodding points or chambers (<i>entering or exiting under slab</i>)
System to AS / NZS 3500.2	Engineering site investigation (<i>soil report</i>) provided with design specification & PS1 for system
Waste pipe size / gradients	
Waste pipe length / venting (<i>stacks, multi fixtures to discharge pipe</i>)	Drainage plan: effluent disposal system (<i>septic tank</i>) in relation to buildings, boundaries, drives, water bores, water courses, & room to duplicate or extend system
Correct sewer connection and depth	
Overflow relief gully (<i>ORG</i>) provided.	

Reasons for decisions plus any additional comments or RFIs:

- General:
- Additional:
 - System Capacity:
 - Pipe sizes:
 - Pipe gradients:
 - 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.

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: Engineer / Designer (PS1, PS2) Waterproofing (WP) Other (O) [specify].....

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 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	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable	P=Pass F=Fail NA=Not Applicable			
	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)

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: _____

