

Processing Checklist:

Waikato Building Consents

Minor Works:

Bathroom facilities, level access showers, retaining walls, decks & veranda's, marquees, signs (>3m), other / fully engineered projects.

Processor

Name: **D LANGLANDS**

Building

Consent No: **2017 / 5386**

Building

Category: **R1**

KEYS: Decisions: ☐ or ☐ or ☐ = Pass ☐ or ☐ or ☐ = Fail, i.e. Item meets the performance requirements of the NZBC
☐ or ☐ = 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. These are available from the Ministry of Business, Innovation & Employment website.

BATHROOM FACILITIES / PLUMBING ☐ Not applicable to this BC

Also consider and fill out the following tables (at the end of this checklist)

- Fire Docs
- Building Act and General
- Restricted Building Work
- Statements Received

P/F/NA	Item	P/F/NA	Item
B1 Structure	☒ Not applicable to this BC	☐ Specific design	☐ NZS 3604
N/a	Framing grade / size / fixings	N/a	Wall bracing elements and fixings details

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent, internal change, bath for toilet.**
- RFIs required: **None**
- RFIs received: **N/a**

B2 Durability ☒ Not applicable to this BC (Refer to B2 [Acceptable Solutions](#))

For acceptable solutions, refer to

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

N/a	5 year durability considered	N/a	Wet area timber floor (<i>plywood or timber flooring treated</i>)
N/a	15 year durability considered	N/a	Internal framing
N/a	50 year durability considered	N/a	• External wall framing
N/a	Specified intended life considered, life = years	N/a	• Exterior timbers
N/a	Corrosion zone: ☐ B ☐ C ☐ D / E	N/a	• Piles and in ground contact
N/a	Fixings SS if in Corrosion zone	N/a	• Roof framing timber
N/a	Serviceable items able to be accessed	N/a	• Wood-based flooring: distance to exposed ground

Reasons for decisions plus any additional comments or RFIs:

General: **Not applicable, no changes.**

- Additional: Treatments are appropriate:

TIMBER	TREATMENT	TIMBER	TREATMENT
In-ground	N/a	Interior wall framing	N/a
Sub-floor	N/a	Exterior wall framing	N/a
Floor	N/a	Roof framing	N/a
Trims	N/a	Deck piling	N/a
Cavities	N/a	Deck framing	N/a
Cladding	N/a		

- RFIs Required: **None**
- RFIs received: **N/a**

E3 Internal Moisture ☒ Not applicable to this BC (Refer E3 [Acceptable Solutions](#))

<i>N/a</i>	Wet area timber floor (<i>plywood or timber flooring treated</i>)	<i>N/a</i>	Thermal resistance in habitable spaces
<i>N/a</i>	Provision made to contain accidental overflow damage to adjoining household units	<i>N/a</i>	Finishes / surfaces impervious, durable and easily cleaned
		<i>N/a</i>	Shower / bath: waterproofing

Reasons for decisions plus any additional comments or RFIs:

- General: ***Not applicable to this consent, change bath for toilet.***
- RFIs required: ***None***
- RFIs received: ***N/a***

F2 Hazardous Building Materials ☒ Not applicable to this BC (Refer F2 [Acceptable Solutions](#))

<i>N/a</i>	Glass type OK (<i>safety glass</i>)	<i>N/a</i>	Other (e.g. <i>asbestos</i>)
------------	---------------------------------------	------------	-------------------------------

Reasons for decisions plus any additional comments or RFIs:

- General: ***Existing window.***
- RFIs required: ***None***
- RFIs received: ***N/a***

F5 Construction and Demolition Hazards ☒ Not applicable to this BC (Refer F5 [Acceptable Solutions](#))

Reasons for decisions plus any additional comments or RFIs:

- General: ***Not applicable to this consent.***
- RFIs required: ***None***
- RFIs received: ***N/a***

(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 ☐ Not applicable to this BC (RE: dwelling alterations / additions) (Refer F7 [Acceptable Solutions](#))

P	Smoke detection provided in all household units
----------	---

Reasons for decisions plus any additional comments or RFIs:

- General: ***Refer to floor plan for details of alarms,***
- Additional: ***N/a.***
- RFIs required: ***None***
- RFIs received: ***N/a***

G1 Personal Hygiene ☐ Not applicable to this BC (Refer G1 [Acceptable Solutions](#))

P	WC provided	P	Shower / bath / hand wash basin
----------	-------------	----------	---------------------------------

Reasons for decisions plus any additional comments or RFIs:

- General: ***Complies for personal hygiene requirements.***
- RFIs required: ***None***
- RFIs received: ***N/a***

G4 Ventilation (also E3) ☐ Not applicable to this BC (Refer G4 [Acceptable Solutions](#))

<i>N/a</i>	Producer Statements (<i>PS1</i>) if required	<i>N/a</i>	Mechanical ventilation
P	Natural ventilation (<i>5% of room floor area</i>)	P	WC 's / bathrooms / laundries ventilated

Reasons for decisions plus any additional comments or RFIs:

- General: ***Existing window.***
- Additional:
 - Ventilation system: ***P***

- Ventilation rate: **N/a**
- RFIs required: **None**
- RFIs received: **N/a**

G12 Water Supplies ☐ Not applicable to this BC (Refer G12 [Acceptable Solutions](#))

P	Potable water supply	P	Are pipe sizes & length of run specified & adequate
N/a	Backflow protected – air gap or backflow valve	N/a	Water tanks have overflows
N/a	Hot water heating, all relevant valves / venting requirements provided	N/a	Hot water systems location, seismic restraint
N/a	Wetback installation – Attach heater checklist	N/a	Any special signage requirements identified on plans (<i>pumps, non-potable water etc.</i>)
N/a	Solar systems – Attach Solar installations checklist		

Reasons for decisions plus any additional comments or RFIs:

- General: **New toilet connecting to existing water supply.**
- Additional:
 - Supply: **P**
 - Quality: **P**
 - HW storage: **Existing**
 - HW tempering: **Existing**
 - HW seismic restraints: **Check on site.**
 - Supply pipe: **Existing**
 - Pipe work: **Existing**
- RFIs required: **None**
- RFIs received: **N/a**

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

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

Reasons for decisions plus any additional comments or RFIs:

- General: **New toilet connecting to existing drainage system.**
- Additional:
 - System Capacity: **P**
 - Pipe sizes: **P**
 - Pipe gradients: **P**
 - Bedding and backfill: **N/a**

- Drains under buildings: *N/a*
- RFIs required: *None*
- RFIs received: *N/a*

RETAINING WALLS ☒ Not applicable to this BC

Also consider and fill out the following tables (at the end of this checklist)

- Building Act and General
- Restricted Building Work
- Statements Received

P/F/NA	Item	P/F/NA	Item
B1 Structural / B2 Durability ☒ Not applicable to this BC		(Refer to B1 & B2 Acceptable Solutions)	

For acceptable solutions, refer to

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

<i>N/a</i>	5 year durability considered	<i>N/a</i>	Specific design - PS1 provided
<i>N/a</i>	15 year durability considered	<i>N/a</i>	Timber treatment and sizing specified
<i>N/a</i>	50 year durability considered	<i>N/a</i>	Reinforcing and footing / wall details provided, including control joints
<i>N/a</i>	Specified intended life considered, life =years		

Reasons for decisions plus any additional comments or RFIs:

- General: *Not applicable to this consent.*
- RFIs required: *None*
- RFIs received: *N/a*

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

<i>N/a</i>	Is drainage detail included in application documents and outfall?
------------	---

Reasons for decisions plus any additional comments or RFIs:

- General: *Not applicable to this consent.*
- RFIs required: *None*
- RFIs received: *N/a*

F4 Safety From Falling ☒ Not applicable to this BC (Refer F4 [Acceptable Solutions](#))

<i>N/a</i>	1m barriers to top of retaining wall	<i>N/a</i>	Child risk openings <100 mm, no toe-holds
<i>N/a</i>	Other (<i>specify below</i>)		

Reasons for decisions plus any additional comments or RFIs:

- General: *Not applicable to this consent.*
- RFIs required: *None*
- RFIs received: *N/a*

F5 Construction / Demolition Hazards ☒ Not applicable to this BC (Refer F5 [Acceptable Solutions](#))

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

(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.)

DECKS AND VERANDA'S ☒ Not applicable to this BC

Please note: If the deck is to be enclosed, use the Dwelling Checklist

Also consider and fill out the following tables (at the end of this checklist)

- Fire Docs
- Building Act and General
- Restricted Building Work
- Statements Received

B1 Structural / B2 Durability ☒ Not applicable to this BC (Refer to [B1](#) & [B2](#) Acceptable Solutions)

For acceptable solutions, refer to

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

N/a	5 year durability considered	N/a	Anchor piles / bracing piles / cantilever piles - bracing if deck width >2m
N/a	15 year durability considered	N/a	Deck material meets floor joist spacing
N/a	50 year durability considered	N/a	Post footings specified, provide adequate resistance against uplift
N/a	Specified intended life considered, life =years	N/a	Top / bottom post connections
N/a	If deck pile >3m from ground, or total of pile length >3.6m, then engineer designed with required calculations, details & PS1	N/a	Pile centres correct for bearer size
N/a	Timber treatment and size specified - 2kpa - calculations if required	N/a	Steps: stringer size, grade and fixings
N/a		N/a	Beam treatment, grade, size, span, rafter compliant

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

D1 Access / F4 Safety From Falling ☒ Not applicable to this BC (Refer to [D1](#) and [F4](#) Acceptable Solutions)

N/a Balustrade / post gaps and connections compliant

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

E2 External Moisture ☒ Not applicable to this BC (Refer E2 [Acceptable Solutions](#))

N/a Flashing of connection to dwelling or alternative solution **N/a** Step down compliant

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable.**
- RFIs required: **None**
- RFIs received: **N/a**

F5 Construction / Demolition Hazards ☒ Not applicable to this BC (Refer F5 [Acceptable Solutions](#))

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent. Responsibility of site supervisor.**
- RFIs required: **None**
- RFIs received: **N/a**

(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 ☒ Not applicable to this BC (RE: dwelling alterations / additions) (Refer F7 [Acceptable Solutions](#))**N/a** Smoke detection provided in all household units

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable, extension to existing portico.**
- Additional: **None**
- RFIs required: **None**
- RFIs received: **N/a**

MARQUEES (>100 sq. m.) ☒ Not applicable to this BC

Also consider and fill out the following tables (at the end of this checklist)

- Fire Docs
- Building Act and General
- Statements Received

P/F/NA	Item	P/F/NA	Item
--------	------	--------	------

B1 Structural ☒ Not applicable to this BC (Refer to B1 [Acceptable Solutions](#))

N/a	PS1 from design engineer - tie downs / wind zone		
------------	--	--	--

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

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

N/a	Egress	N/a	Spread of Flame Index of material
------------	--------	------------	-----------------------------------

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

F5 Construction / Demolition Hazards ☒ Not applicable to this BC (Refer F5 [Acceptable Solutions](#))

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

(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.)

F6 Visibility in Escape Routes, F7 Warning Systems, F8 Signage ☒ Not applicable to this BC
(Refer [F6](#), [F7](#) & [F8](#) Acceptable Solutions)

N/a	Signage	N/a	Warning systems
N/a	Emergency lighting		

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

SIGNS (>3 m or 6 sq m) ☒ Not applicable to this BC

Also consider and fill out the following tables (at the end of this checklist)

- Building Act and General
- Statements Received

P/F/NA	Item	P/F/NA	Item
N/a	Fully engineered project (refer to statement)		

B1 Structure ☒ Not applicable to this BC (Refer to B1 [Acceptable Solutions](#))

N/a	Wind Zone: ☐ Low ☐ Medium ☐ High ☐ Very High ☐ Extra High ☐ SED	N/a	Floor slab edge detail and starters provided
N/a	Ground stability	N/a	Hard fill, sand shown
N/a	Pile size, spacing, footing, height	N/a	Slab thickness & reinforcement mesh
N/a	Concrete foundations & reinforcement	N/a	SED Producer Statement
N/a	Posts, beams, footing & connections		

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

B2 Durability ☒ Not applicable to this BC (Refer to B2 [Acceptable Solutions](#))

For acceptable solutions, refer to

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

N/a	5 year durability considered	N/a	Snow zone
N/a	15 year durability considered	N/a	Fixings SS if in Corrosion zone
N/a	50 year durability considered	N/a	Serviceable items able to be accessed
N/a	Specified intended life considered, life =years		Timber treatment shown for:
		N/a	• Exterior timbers
N/a	Corrosion zone: ☐ B ☐ C ☐ D / E	N/a	• Piles and in ground contact
N/a	Geothermal zone (within 50m of hotspot)	N/a	• Structural steel coatings

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**
- RFIs required: **None**
- RFIs received: **N/a**

F5 Construction / Demolition Hazards ☒ Not applicable to this BC (Refer [F5](#) [Acceptable Solutions](#))

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable to this consent.**

• RFIs required: **None**

• RFIs received: **N/a**

(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.)

OTHER / FULLY ENGINEERED PROJECTS (Please describe) ☒ Not applicable to this BC

Also consider and fill out the following tables (at the end of this checklist)

- Fire Docs
- Building Act and General
- Restricted Building Work
- Statements Received

Description: **Not applicable**

Reasons for decisions plus any additional comments or RFIs:

- General: **N/a**
-
-
-
- RFIs required: **None**
- RFIs received: **N/a**

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

C DOCS - Protection from Fire: ☐ Not applicable to this BC (Refer to C documents [Acceptable Solutions](#))

State Risk Group: [tick all that apply]

- ☐ C/VM1 Solid fuel heaters
- ☒ C/AS1 (SH) Building with sleeping (residential)
- ☐ SM

Verification Method C/VM1 ☒ Not applicable to this BC as no heater

Reasons for decisions plus any additional comments or RFIs:

- General: **N/a**
- Additional:
 - Solid fuel heater: **N/a**
 - Hearth/slab: **N/a**
 - Chimney flue: **N/a**
 - Generic materials: **N/a**
 - Heat transfer / Distances: **N/a**
- RFIs required: **N/a**
- RFIs received: **N/a**

Acceptable Solutions

Part 1 General ☐ Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General: **Complies with Part 1 C/AS1**
- Additional: Fire protection system: **Check on site.**
- RFIs Required: **None**
- RFIs received: **N/a**

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: **Systems smoke alarms, Ratings not required.**
- Additional: Distance to Boundary: <specify> **N/a**
- RFIs required: **None**
- RFIs received: **N/a**

Part 3 Means Of Escape ☐ Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General: **Complies.**
- Additional: Escape path lengths (match protection system): **Complies.**
- RFIs required: **None**
- RFIs received: **N/a**

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

Reasons for decisions plus any additional comments or RFIs:

- General: **Not applicable. Existing.**
- RFIs required: **None**
- RFIs received: **N/a**

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

Reasons for decisions plus any additional comments or RFIs:

- General: **N/a clear of all boundary's.**
- RFIs required: **N/a**
- RFIs received: **N/a**

Part 6 Firefighting ☐ Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General: **Complies for fire fighting requirements, existing.**
- RFIs required: **N/a**
- RFIs received: **N/a**

Part 7 Prevention Of Fire Occurring ☒ Not applicable to this BC

Reasons for decisions plus any additional comments or RFIs:

- General: *N/a*
- RFIs required: *N/a*
- RFIs received: *N/a*

☒ All other clauses of the Building Code have been considered not applicable to this Building Consent.**BUILDING ACT 2004 AND PROJECT VALUE**(Refer to [Building Act 2004](#))

<i>N/a</i>	Section 31 PIM	<i>Pass</i>	Section 90 Inspections by BCA
<i>N/a</i>	Section 36 Development Contribution notice	<i>Pass</i>	Section 112 Alterations to existing buildings
<i>N/a</i>	Section 37 Restrict project start (<i>no Resource Consent issued</i>)	<i>Pass</i>	Section 113 Intended life of building
<i>N/a</i>	Section 39 Heritage New Zealand	<i>N/a</i>	Section 115 Change of use
<i>N/a</i>	Section 67 - 68 Waiver or modification	<i>N/a</i>	Section 116 Extension of Life
<i>N/a</i>	Section 71 - 74 Natural hazards	<i>N/a</i>	Section 122 Earthquake-prone building - SED may be required
<i>N/a</i>	Section 75 - 77 Building over 2 lots	<i>Pass</i>	Project value provided and reasonable

Reasons for decisions plus any additional comments or RFIs:

- S36 - 37: *N/a*
- S39: *N/a*
- S67-68: *N/a*
- S71-74: *N/a*
- S75-77: *N/a*
- S90: *Pass*
- S112: *Pass*
- S113: *Pass*
- S115: *N/a*
- S116: *N/a*
- S122: *N/a*
- RFIs required: *N/a*
- RFIs received: *N/a*

RESTRICTED BUILDING WORK ☐ Not applicable to this BC

<i>P</i>	Certificate of Design Work (COW) received. If NO, clock stopped and COW requested
<i>P</i>	Design LBP's are named, If NO, clock stopped and name(s) requested
<i>P</i>	Trade LBP's are named for all categories of RBW. If NO, Inspection Alert activated

Reasons for decisions plus any additional comments or RFIs:

- General: *Restricted building work.*
- RFIs required: *None*
- RFIs received: *N/a*

STATEMENTS RECEIVED

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

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						
		Site Address / Legal description	Insurance	Date	B. Code (parts)	Work identified	Name & signature	CPEng register	NZRAB register	EWRB register	PGD register	Cluster 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)

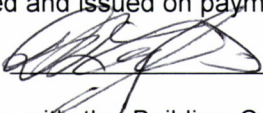
No Specific design work.

OUTCOME OF DECISIONS

N/a 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: D Langlands Signature:  Date: 15/02/2017

N/a 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 PEER REVIEW ☐ Not applicable to this BC

Decisions:

- ☐ This assessment has been peer reviewed.
- ☐ The peer reviewer agrees with the decisions made.
- ☐ The peer reviewer disagrees with the decisions made.

Reason for decision:

Outcome of decision:

Name: _____ Signature: _____ Date: _____