



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKINA WHAKATUTUKI

MultiProof Certificate

This is to certify that a National Multiple-Use Approval has been issued to:

Pacific Lakes Village
Titoki Villa Design

**Two bedroom dwelling with garage attached
Stand-alone and Duplex**

under Section 30F of the Building Act 2004 in respect of the approved plans and specifications* and subject to the conditions** specified:

Details of this National Multiple-Use Approval have been entered in the register of National Multiple-Use Approvals in accordance with Section 273 of the Building Act 2004.

Simon Thomas
National Manager Building System Assurance
Consumer Protection and Standards Branch
Ministry of Business, Innovation and Employment

19 February 2020
Date Issued

A10403
Certificate Number

*The approved plans and specifications are those held by the Ministry

**See Schedule for specific drawing references, permitted variations and conditions of approval

Note: The National Multiple-Use Approval referred to in this certificate is subject to change, suspension or revocation. For the current status of this National Multiple-Use Approval, check the Ministry's website www.building.govt.nz

Schedule for certificate number A10403

Permitted Variations:

Foundations:

None

Cladding:

None

Roof:

None

Building Design Reference to Drawings

Refer to the Ministry's website www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/multiproof/multiproof-register/a10403-housingnz for the approved drawings and documents. Check for current version of drawings and documents.

Architectural Drawings - ASC Architects 17401
A000 Cover Page
Base design Titoki - duplex single garage
A100 Rev 03 Reference Floor Plan
A101 Rev 02 Roof Reference Plan
A102 Rev 02 Electrical Lighting Plan
A200 Rev 02 Exterior Elevations
A300 Rev 02 Cross Sections
A400 Rev 03 Drainage Plan
A401 Rev 03 Slab Plan
A700 Rev 02 Window & Door Schedule

Handed floor plan Titoki-H - duplex single garage
A100 Rev 03 Reference Floor Plan (replaces above)

Double garage Titoki-DG - duplex double garage
A100 Rev 03 Reference Floor Plan (replaces above)
A101 Rev 02 Roof Reference Plan (replaces above)
A200 Rev 02 Exterior Elevations (replaces above)
A700 Rev 02 Window & Door Schedule (replaces above)

Stand Alone Titoki-SA - stand-alone single garage
A100 Rev 03 Reference Floor Plan (replaces above)
A101 Rev 02 Roof Reference Plan (replaces above)
A200 Rev 02 Exterior Elevations (replaces above)
A700 Rev 02 Window & Door Schedule (replaces above)

Stand Alone Double Garage Titoki-DG-SA
A100 Rev 01 Reference Floor Plan (replaces above)
A101 Rev 01 Roof Reference Plan (replaces above)
A200 Rev 01 Exterior Elevations (replaces above)
A700 Rev 01 Window & Door Schedule (replaces above)

Architectural Detail Drawings - ASC Architects 17401
(Common details)
A001 Rev 02 Keynotes & Legend
A002 Rev 02 Keynotes & Legend
A600 Rev 03 Exterior Details & Legend
A601 Rev 03 Exterior Details - Fire Rating IT Wall Details
A602 Rev 03 Exterior Details - Wall Cladding
A603 Rev 03 Exterior Details - Foundation Details
A604 Rev 04 Exterior Details - Wall Base Cladding
A605 Rev 04 Exterior Details - Joinery Details
A606 Rev 03 Exterior Details - Joinery Details
A607 Rev 04 Exterior Details - Roof Details
A608 Rev 02 Exterior Details - Sun Tunnel Details
A609 Rev 03 Exterior Miscellaneous Details
A611 Rev 03 Interior Details - Wet Areas

Architectural Specifications - ASC Architects 17401
Pacific Lakes Village Villas — Project Specification Rev 04

Structural Drawings - Stratum Consultants 633559
(Common details)
Base design Titoki - duplex single garage
02 Rev B Foundation Plan
03 Rev A Structural Plan
04 Rev A Bracing Plan
Truss information Mount ITM Q0619-29 (2 sheets)

Handed floor plan Titoki-H - duplex single garage
04 Rev A Bracing Plan (replaces above)
Truss information Mount ITM Q0619-28 (2 sheets)

Double garage Titoki-DG - duplex double garage
02 Rev B Foundation Plan (replaces above)
03 Rev A Structural Plan (replaces above)
04 Rev A Bracing Plan (replaces above)
Truss information Mount ITM Q0719-85 (2 sheets)

Stand Alone Titoki-SA - stand-alone single garage
02 Rev B Foundation Plan (replaces above)
03 Rev A Structural Plan (replaces above)
04 Rev A Bracing Plan (replaces above)
Truss information Mount ITM PLV_Mahoe_SA (2 sheets)

Stand Alone Double Garage Titoki-DG-SA
02 Rev A Foundation Plan (replaces above)
03 Rev A Structural Plan (replaces above)
04 Rev A Bracing Plan (replaces above)
Truss information Mount ITM Q1219-24 (2 sheets)

Structural Detail Drawings - Stratum Consultants 633559
(Common details)
01 Rev A Structural Notes
100 Rev C Foundation details
101 Rev A Foundation details
102 Rev A Structural Details
103 Rev A Structural Details
104 Rev A Bracing Details

Structural Specifications — Stratum Consultants
Pacific Lakes Village Single Level Dwellings May 2019

Certificate Holder

Pacific Lakes Village Partnership
PO Box 3461
Christchurch, 8140
Company number: N/A
Certificate number: A10403

Issued by

Ministry of Business, Innovation and
Employment
PO Box 1473, Wellington 6140

Website:
www.building.govt.nz/multiproof

Email: multiproof@mbie.govt.nz

Date issued: 19 February 2020

Restricted Building Work

Certificates of Work received from:

Stephen Bos
CPEng 154367

- Primary Structure

Neil Cotton
Registered Architect No 1464

- External Moisture Management Systems

This National Multiple-Use Approval is subject to the following conditions:

1. This national multiple-use approval may only be used in its entirety, and does not apply to any one part of the plans and specifications.
2. If there are any changes to the approved plans and specifications, this national multiple-use approval does not apply.
3. Minor variations to the design as defined in the Building (Minor Variations) Regulations 2009 are permitted; and must be assessed at the building consent stage.
4. The building must be connected to a sewer or foul water disposal system and connected to a portable water supply.
5. Mirror images and flipped images of the floor plan and roof plan are permitted.
6. This National Multiple-Use Approval can only be used where the following conditions apply:
 - a. Wind zone: Limited to sites up to and including High wind zone (44m/s) as defined in Table 5.4 of NZS 3604:2011
 - b. Seismic zone: Limited to sites in earthquake zone 1 as defined in Figure 5.4 of NZS 3604: 2011 and in all subsoil classes as defined in 5.3.3 of NZS 3604:2011.
 - c. Exposure zone: Limited to sites up to and including Zone B as defined in 4.2.3.1 of NZS 3604: 2011. Except where adverse microclimatic factors (e.g. geothermal areas).
 - d. Climate zone: Limited to sites up to and including Zone 2 as defined in Appendix B of NZS 4218:2009
 - e. Snow Loading: Limited to a maximum 1kPa ground snow load.
 - f. Ground bearing capacity: Good ground as defined in definition section of B1 Structure Acceptable Solutions and Verification Methods