



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

# MultiProof Certificate

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

*N Z Construction Ltd*

**Modulock  
Type A Type B & Type C House Designs**

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

5 September 2017

Date Issued

A10133 Rev 1 issued 22 March 2019

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](http://www.building.govt.nz)

## Schedule for certificate number A10133

### Permitted Variations:

#### Floor Plan:

The deck can be positioned off the living area (Type B). Garage can be deleted (Type C). Duplex with FRR wall at garage – Types A+A, B+B, A+B

#### Cladding:

Fibre Cement Weatherboards (Siding) can be replaced with Fibre Cement sheet or BNBM profiled siding

#### Roof:

Pitched 15° roof can be replaced with Mono Pitch 11° roof

Refer to the Ministry's website [www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/multiproof/multiproof-register/a10133-nzconstruction](http://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/multiproof/multiproof-register/a10133-nzconstruction) for the approved drawings and documents. Check for current version of drawings and documents.

### Building Design Reference to Drawings

#### Modulock Main Plans 15203

|        |     |                                     |
|--------|-----|-------------------------------------|
| Sheets | A1  | Type A Floor Plan & Garage          |
|        | A2  | Type A Elevations Gable Roof        |
|        | A3  | Type A Elevations Mono Pitch Roof   |
|        | A4  | Type A Framing and Bracing          |
|        | A5  | Type A Floor/Roof Layout            |
|        | A6  | Type B Floor Plan & Garage          |
|        | A7  | Type B Elevations Gable Roof        |
|        | A8  | Type B Elevations Mono Pitch Roof   |
|        | A9  | Type B Framing and Bracing          |
|        | A10 | Type B Floor/Roof Layout            |
|        | A11 | Type C Floor Plan                   |
|        | A12 | Type C Elevations Gable Roof        |
|        | A13 | Type C Elevations Mono Pitch Roof   |
|        | A14 | Type C Framing and Bracing          |
|        | A15 | Type C Floor/Roof Layout            |
|        | A16 | Flip Plan Options                   |
|        | A17 | Flip Plan Options                   |
|        | A18 | Mono Pitch Roof Floor Plan & Garage |
|        | A19 | Separate Guest Room Option Type C   |
|        | A20 | Cross Sections 1                    |
|        | A21 | Cross Sections 2                    |
|        | A22 | Roof Beam Fixing Ridge Flashing     |
|        | A23 | Wet Area Details                    |
|        | A24 | Drainage Trench Details             |
|        | A25 | Typical Electrical Plan             |
|        | A26 | Kitchen Plan & Elevation Option 1   |
|        | A27 | Kitchen Plan & Elevation Option 2   |

#### Modulock Detailed Construction Plans 15203

|        |          |   |
|--------|----------|---|
| Sheets | B1       | Erection of Modular Dwelling              |
|        | B2       | Erection of Modular Dwelling              |
|        | B3       | Erection of Modular Dwelling              |
|        | B4       | General Notes                             |
|        | B5       | Site Preparation                          |
|        | B6       | Site Preparation Option for 2 Bed House   |
|        | B7       | Floor Components Panels & Joists          |
|        | B8       | Floor Components Panels & Joists          |
|        | B9       | Joist Panel - Premanufactured             |
|        | B10      | Joist Panel - Onsite Installation         |
|        | B11      | Detail A Floor & Joists                   |
|        | B12      | Install Floor Detail A                    |
|        | B13      | Edge Floor Joists & Roof Down Pipes       |
|        | B14      | Exterior Wall-frame to Floor Joist Detail |
|        | B15      | Basement Skirting                         |
|        | B16      | Basement Skirting                         |
|        | B17      | Basement Skirting Assembly                |
|        | B18      | Deck Floor, Ramps & Old Detail            |
|        | B19, B20 | Deck Floor Steps & Ramps                  |
|        | B21      | Ramp Options                              |
|        | B22, B23 | Deck Floor Steps & Ramps                  |
|        | B24      | General Notes For Waffle Slab             |
|        | B25, B26 | Waffle Slab Options 1 & 2                 |
|        | B27, B28 | Waffle Raft Slab                          |
|        | B29      | Posts on Deck Slab                        |
|        | B31      | Frame Erection                            |
|        | B32      | Wall Corner Detail                        |
|        | B33      | OSB Bracing Option                        |

|        |          |                                     |
|--------|----------|-------------------------------------|
| Sheets | B34      | K Brace HD Options                  |
|        | B35-B37  | Wall Framing                        |
|        | B38-B39  | Exterior Options                    |
|        | B40-B44  | Flashing Details                    |
|        | B45      | Horizontal Joint Cladding           |
|        | B46-B53  | Window Details                      |
|        | B54      | Wall plan                           |
|        | B55-B58  | Exterior Wall                       |
|        | B59-B63  | Framing and Bracing                 |
|        | B64-B66  | Fixing of Adjoining Wall Frames     |
|        | B67      | Fire Wall                           |
|        | B68-B77  | Plasterwork                         |
|        | B78-B79  | Door and Window plan                |
|        | B80      | Flooring and Skirting Plan          |
|        | B82      | Roof Detail K                       |
|        | B83      | Rafter to Beam Connection           |
|        | B84, B85 | Rafter Beam & Roof Panel Connection |
|        | B86      | Deck Roof Detail                    |
|        | B87      | Deck Post Details                   |
|        | B88-B93  | Roof Panels                         |
|        | B94      | Roof Iron                           |
|        | B95      | Roof Iron Detail                    |
|        | B96-B98  | Roof Details                        |
|        | B99      | Flashings Downpipes                 |
|        | B100     | Under Eaves & Outdoor Ceiling       |
|        | B101     | Material Schedule                   |
|        | B102     | Engineer & BCA Inspection Schedule  |
|        | B103     | Engineer & BCA Inspection Schedule  |

### Certificate Holder

NZ Construction Limited  
PO Box 47032  
Ponsonby  
Auckland 1144  
Company number: 1774384  
Certificate number: A10133

### Issued by

Ministry of Business, Innovation and  
Employment  
PO Box 1473, Wellington 6140  
Website:  
[www.building.govt.nz/multiproof](http://www.building.govt.nz/multiproof)  
Email: [multiproof@mbie.govt.nz](mailto:multiproof@mbie.govt.nz)  
Date issued: 5 September 2017

### Restricted Building Work

#### Certificates of Work received from:

- Franswa Jooste CPEng 232746
- Primary Structure
- Jamie Macredie CPEng 160766
- Primary Structure
- Peter Geddes CPEng 54125
- Primary Structure
- Yi Tong (Adam) Liao LBP 130022
- External Moisture Management Systems
  - Fire Safety Systems

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

1. This National Multiple-Use Approval includes the Permitted Variations set out in this Schedule. If there are any changes to the approved plans and specifications this National Multiple-Use Approval does not apply.
2. Minor variations in accordance with Building (Minor Variations) Regulations 2009 are permitted.
3. More than one Permitted Variation may be used.
4. Mirror images and flipped images of the floor plan are permitted.
5. Site aspects of compliance with NZBC clauses C-Protection from Fire and D Accessibility are to be assessed at Building Consent stage by the BCA.
6. This National Multiple-Use Approval can only be used where the following conditions apply:
  - a. Seismic zones: Limited to sites in earthquake zones 1 to 3, and in subsoil classes C or D as defined in NZS 3604:2011.
  - b. Snow Loading: Limited to sites with a maximum ground snow load of 0.9kPa as defined in NZS 3604:2011.
  - c. Wind zones: Limited to sites up to and including Very High wind zone as defined in NZS 3604:2011.
  - d. Climate zones: Up to and including Zone 3 as defined in NZS 4218:2009.
  - e. Exposure zone: Up to and including Zone D as defined in NZS 3604:2011. Except where adverse microclimatic factors (e.g. geothermal areas)
  - f. Ground bearing capacity: Good ground as defined in B1 Structure Compliance Document