



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

MultiProof Certificate

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

Housing NZ Corporation

One Level Standard Plans

**2 Bedroom Dwelling
RH - DN1 Design**

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 July 2019
Date Issued

A10176
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 A10176

Permitted Variations:

Foundations:

Reinforced concrete waffle raft on the ground floor slab can be replaced with timber pile foundation system

Cladding:

Horizontal timber bevel back weatherboards can be replaced with horizontal fibre cement weatherboards

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/a10176-housingnz for the approved drawings and documents. Check for current version of drawings and documents.

Architectural Drawings - Context Architects 17185
 RH-DN1-A1001 Rev 01 Cover Page
 RH-DN1-A1002 Rev 01 General Notes
 RH-DN1-A1003 Rev 01 House Typologies
 RH-DN1-A1101 Rev 01 Ground Floor GA Plan
 RH-DN1-A1102 Rev 01 Roof Plan
 RH-DN1-A1201 Rev 01 Elevations
 RH-DN1-A1202 Rev 01 Elevations
 RH-DN1-A1301 Rev 01 Sections
 RH-DN1-A1302 Rev 01 Sections
 RH-DN1-A3101 Rev 01 Slab Setout
 RH-DN1-A3201 Rev 01 Ground Floor Setout Plan
 RH-DN1-A4601 Rev 02 Openings Schedule

A4501 Rev 01 W/B Timber - Eave
 A4504 Rev 01 W/B Timber - Barge
 A4514 Rev 01 W/B Timber - Soffit Junction
 A4520 Rev 01 W/B Timber - Window Details w/ Facing
 A4523 Rev 01 W/B Timber - Exterior Door Details
 A4530 Rev 01 W/B Timber - Sliding Door Details - No RAB
 A4533 Rev 01 W/B Timber - Wall base - TIMBER w/RAB
 A4535 Rev 01 W/B Timber - Wall Base Details
 A4536 Rev 01 W/B Timber - Level Threshold Details
 A4538 Rev 01 W/B Timber - Typical Wall Penetrations
 A4539 Rev 01 W/B Timber - INT & EXT Corners
 A4551 Rev 01 W/B Fibre - Eave
 A4554 Rev 01 W/B Fibre - Barge
 A4564 Rev 01 W/B Fibre - Soffit Junction
 A4570 Rev 01 W/B Fibre - Window Details w/ Facing
 A4573 Rev 01 W/B Fibre - Exterior Door Details
 A4580 Rev 01 W/B Fibre - Sliding Door Details - No RAB
 A4583 Rev 01 W/B Fibre - Wall base - TIMBER w/RAB
 A4585 Rev 01 W/B Fibre - Wall Base Details
 A4586 Rev 01 W/B Fibre - Level Threshold Details
 A4588 Rev 01 W/B Fibre - Typical Wall Penetrations
 A4589 Rev 01 W/B Fibre - INT & EXT Corners

A4863 Rev 01 Roof - Ridge
 A4868 Rev 01 Roof - Roof Penetration
 A4924 Rev 01 Insulated Slab Edge - with Openings
 A4925 Rev 01 Sliding Door - Timber and Concrete Sill
 A4927 Rev 01 Front Door - Timber and Concrete Sill
 A4933 Rev 01 Insulated Slab Edge
 A4935 Rev 01 Regional Screen
 A4942 Rev 01 Insulated Slab Edge - with Slot Drain
 A5401 Rev 01 Vinyl Coving Details
 A5402 Rev 01 Vinyl Coving Details
 A5403 Rev 01 FWG Details
 A5404 Rev 01 Flooring Details
 A5405 Rev 01 Wet Area Details Misc.
 A5406 Rev 01 Bath Details
 A5407 Rev 01 Shower Tray Detail
 A5408 Rev 01 Shower Threshold Detail
 A5712 Rev 01 Accessible Bathroom 2 Bed (C & CN shown & D & DN handed)
 A5713 Rev 01 Non-Accessible Bathroom 2 Bed (C & CN shown & D & DN handed)
 A5751 Rev 01 Accessible Kitchen 2 Bed (CN shown & DN handed)

Truss Layout and Fixing Information - Buildable Layouts

Architectural Specification - Context Architects 17185
 Performance Specification dated 20/06/2019

Structural Drawings - Kirk Roberts Consulting 1830020 - HN2C
 Regional Housing Programme - Matrix
 M1.0 Rev B Structural Cases Matrix
 M2.0 Rev A Durability Matrix

Structural Drawings - Kirk Roberts Consulting 1830020

Case 1 Case 2 Case 3
 S0.00 Rev C General Notes & Specification
 S0.01 Rev C Typical NZS-3604 Details
 S0.10 Rev C Typical Timber Sub-Floor Details
 S0.20 Rev C Typical Set-out and Rib-Raft Details
 S0.21 Rev C Typical Pipe Penetration Details
 S1.10 Rev C Pile Set-out Plan
 S1.11 Rev C Floor Plans (Case 1 & Case 3)
 S1.11 Rev D Floor Plans (Case 2)
 S2.01 Rev C Wall Bracing & Roof Framing Plans
 S4.01 Rev C Framing Details
 S5.01 Rev A Specific Details
 S5.02 Rev A Specific Details
 S5.03 Rev A Specific Details
 S5.04 Rev A Specific Details
 S5.05 Rev A Specific Details
 S5.06 Rev A Specific Details
 S5.07 Rev A Specific Details
 S5.08 Rev A Specific Details
 S5.09 Rev A Specific Details
 S5.10 Rev A Specific Details
 S5.11 Rev A Specific Details

Structural Specification - Kirk Roberts Consulting 1830020
 dated July 2018

Electrical Drawings - 22 Degrees Building Services 4782/2018
 E022 Rev A Legend & General Notes
 E023 Rev A Power Single Line Diagram
 E024 Rev A Communications Schematics
 E109 Rev A Lighting, Power & ICT Layout

Electrical Specification - 22 Degrees Building Services dated
 October 2018 Job No. 4782 Issue Rev B

Hydraulic Drawings - 22 Degrees Building Services
 4782/2018
 H009 Rev A Drawing Symbol Sheet
 H109 Rev A Sanitary Waste & Stormwater Layouts
 H209 Rev A Water Supply Layout

Hydraulic Services Specification - 22 Degrees Building
 Services dated July 2018 Job No. 4782 Issue Rev A

Mechanical Drawings - 22 Degrees Building Services
 4782/2018
 M000 Rev A Drawing Symbol Sheet
 M009 Rev A Schedules and Details
 M109 Rev A Mechanical Layout

Certificate Holder

Housing NZ Corporation
 PO Box 2628
 Wellington 6140
 Company number: N/A
 Certificate number: A10176

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: 5 July 2019

Restricted Building Work

Certificates of Work received from:

Jan Jaber Studnicka
 CPEng 1013092

- Primary Structure

Scott Cracknell

Registered Architect No 3102

- External Moisture Management 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. This National Multiple-Use Approval can only be used where the following conditions apply:
 - a. Wind zone: Limited to sites up to and including Very High wind zone as defined in NZS 3604:2011.
 - b. Seismic zone: Sites in all earthquake zones and in all subsoil classes as defined in NZS 3604:2011.
 - c. Exposure zone: Up to and including Zone D as defined in NZS 3604:2011. Except where adverse microclimatic factors (e.g. geothermal areas)
 - d. Climate zones: Up to and including Zone 3 as defined in NZS 4218:2009.
 - e. Snow Loading: Limited to sites with a maximum ground snow load of 2.25kPa as defined in NZS 3604:2011.
 - f. Ground bearing capacity: Good ground as defined in B1 Structure Compliance Document