

COPY



William Fraser Building
1 Dunorling Street, Alexandra 9320
PO Box 122, Alexandra 9340
New Zealand

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FAX +64 3 448 9196
EML info@codc.govt.nz
WEB www.codc.govt.nz

CODE COMPLIANCE CERTIFICATE

Section 95, Building Act 2004

THE BUILDING

Street Address:	25C MISSY CRESCENT, PISA MOORINGS
Legal Description:	LOT 19 DP 468242
Valuation Number:	2842114625
Project:	Erect a new dwelling
Level/Unit Number:	
Current, lawfully established use:	Residential
Intended Use (if change of use):	Residential
Year of Construction (approx):	

OWNER*

Owner's Name and Mailing Address:

L H M & C A Beulink
30 Brockworth Place
Riccarton
Christchurch 8011

Phone Number:	03-9855570
Fax Number:	
Email Address:	l.c.beulink@xtra.co.nz

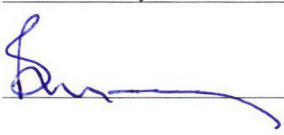
BUILDING WORK

Building Consent No:	BC 140476
Issued by:	Central Otago District Council

CODE COMPLIANCE CERTIFICATE

The Building Consent Authority named below is satisfied, on reasonable grounds, that:

- The building work complies with the building consent.
-

Building Consent Officer:	Bill Massey	On behalf of:
Signature:		Central Otago District Council
Date:	11 March 2015	PO Box 122 Alexandra

Code Compliance Certificate Checklist



Building Consent Number: 140 476

Tick the "yes" box if the information has been provided and is complete and approved.

Tick the "no" box if the required information has not been provided, or is not complete, or is not approved.

Send CCC further information letter requesting the information.

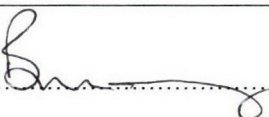
Tick "N/A" if the information identified below is not needed.

BUILDING INSPECTOR	Notes	Yes	No	N/A
<i>Have you changed the status to CCC application received?</i>				
Check:				
• New or amended Compliance schedule <i>[If yes to COB when CCC issued]</i>				✓
• Owners address matches rates <i>Use 'change' feature in NCS if required</i>		✓		
• EQPB upgrade occurred? <i>[If yes to COB to update status on register.]</i>				✓
Check:				
• Fees paid		✓		
• Development and/or reserves contributions paid <i>[Check with PAO]</i>				✓
• Outstanding notices to fix				✓
• Contractors are as nominated on consent <i>[If none are nominated enter them as per inspection details.]</i>		✓		
• Have there been any changes to the design				✓
• If yes, amended plan? <input type="checkbox"/> or new building consent? <input type="checkbox"/>				✓
• Was this application subject to Section 72 or 75? Yes <input type="checkbox"/> No <input type="checkbox"/>				✓
• If Yes has the Certificate of Title been updated? <i>(See COB/LIMO if unsure)</i>				✓
DOCUMENTATION ON THE BUILDING CONSENT FILE				
<i>Note: Remove duplicate and superseded plans/docs from file</i>				
• BC application and PIM (Form 2 issued)		✓		
• Job card and cover sheet		✓		
• User guide		✓		
• Certificate of Design [COW]		✓		
• Completed processing checklist		✓		
• Approved plans		✓		
• Approved specifications		✓		
• As-built drainage plan received and scanned in to NCS		✓		
• Approved amended documents/plans				✓
• Approved alternative solution form(s)				✓
• CCC application		✓		
• Other documents not identified		✓		
DOCUMENTATION SAVED ON NCS				
• All inspections notes entered and inspections approved? <i>Unreasonably high number of unsatisfactory inspections? [Need to be invoiced prior to CCC – see COB.]</i>		✓		
• All letters saved		✓		
• Inspection checklists saved	computer record	✓		
• BC issued and conditions met		✓		
• PIM issued and conditions met		✓		

		Yes	No	N/A
ENERGY CERTIFICATES	Author			
Electrical		✓		
Gas				✓
PRODUCER STATEMENTS	Author [approved?]			
Fire Alarm PS3				
Fire Alarm PS4 (Certification)				
Structural				
Truss				
Waterproof membrane				
ROWS AND LBP MAINTENANCE				
ROWS provided for all RBW by LBPs with appropriate license(s). Use DBH Public Register search in LBP maintenance to confirm licencing (as required).	Check ROWs against COW. Use LBP maintenance in NCS to update ROW dates received section.	✓		
IS APPLICATION FOR CCC MORE THAN 5 YEARS AFTER BC WAS ISSUED?				
DURABILTY MODIFIED?	Has correct process been followed?			
Follow procedure 12.34 from QAS	Follow procedure 12.34 from QAS			

Further information is required - Letter sent ☐ Date

Notes: _____

I  am satisfied on reasonable grounds that:

1. The building work carried out complies with the building consent to the extent that the Code Compliance Certificate can be issued; and
2. All information relevant to the application for this building consent has been put on the application's file.
3. Specified Systems and standards are correctly described in compliance schedule attached to consent [if applicable]. Complete office use section of SBCG27. Whole building consent to go to COB with issued CCC.

Date 11/3/15

**APPLICATION FOR CODE
COMPLIANCE CERTIFICATE**
Section 92, Building Act 2004

Building Consent No: BC 140476
Issued by: Central Otago District Council

THE BUILDING

Valuation Number: 2842114625
Street Address: 25C MISSY CRESCENT, PISA MOORINGS
Description of Building Work: Erect a new dwelling

OWNER

Owner's Name and Mailing Address: L H M & C A Beulink 30 Brockworth Place Riccarton Christchurch 8011	Contact Details: Phone Number: 03-9855570 Fax Number: Email Address: l.c.beulink@xtra.co.nz
--	--

AGENT (if not owner)

Agents Name and Mailing Address: A1 Homes PO Box 276 Cromwell 9342	Contact Details: Phone Number: 03-4454789 Fax Number: Contact Person: John Fitzgerald
--	--

APPLICATION

I request that a Code Compliance Certificate be issued for the building work described in this application, under section 95 of the Building Act 2004.

Name: John Fitzgerald
Please Print

Signature: John Fitzgerald **Date:** 28/1/2015
☐ Owner ☒ Agent on behalf of and with the authority of the Owner

KEY PERSONNEL

The personnel who carried out the building work are as follows:

Carpentry Christopher Dickey : 021 946 171 BP106739
Design Nicola Davis : 027 523 1310 BP125092
Bricklaying and Blocklaying Kirk Stuart : 027 232 7425 BP114757
Drainlayer: Mike May P O Box 109 CROMWELL : 03 445 1663
Plumber: Mike May P O Box 109 CROMWELL : 03 445 1663

ATTACHMENTS

The following documents are attached to this application:

- ☐ Certificates that relate to energy work (if applicable)
- ☐ Records of Work from Licensed Building Practitioners (if applicable)
- ☐ As-built drainage plan from registered drain layer (if applicable)
- ☐ Producer Statement(s) (if applicable)

Memorandum from licensed building practitioner:
Record of building work
 Section 88, Building Act 2004



THE BUILDING

Street address: 25c Missy Crescent	
Suburb:	
Town/City: Cromwell	Postcode: 9342

THE PROJECT

Building consent number: BC 140476

THE OWNER(S)

Name(s): Cheryl + Louis Beulink.	
Mailing address:	
Suburb:	PO Box/Private Bag:
Town/City: Christchurch.	Postcode:
Phone number:	Email address:

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

PRIMARY STRUCTURE

Work that is restricted building work	Description of restricted building work	Carried out or supervised
Tick <input checked="" type="checkbox"/>	If necessary, describe the restricted building work	Tick <input checked="" type="checkbox"/> whether you carried out the work or supervised someone else.
Foundations and subfloor framing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Walls <input checked="" type="radio"/>	Pre fabricated 4x2	<input type="radio"/> Carried out <input type="radio"/> Supervised

PRIMARY STRUCTURE CONT'D

Roof	<input checked="" type="checkbox"/>	Tross Roof	<input type="radio"/> Carried out <input type="radio"/> Supervised
Columns and beams	<input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Bracing	<input checked="" type="checkbox"/>	Gib and Ply	<input type="radio"/> Carried out <input type="radio"/> Supervised
Other	<input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing	<input checked="" type="checkbox"/>	Molseal to brick foundation	<input type="radio"/> Carried out <input type="radio"/> Supervised
Roof cladding or roof cladding system	<input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Ventilation system (for example, subfloor or cavity)	<input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

EXTERNAL MOISTURE MANAGEMENT SYSTEMS CONT'D

Wall cladding or wall cladding system <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Waterproofing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Other <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

ISSUED BY

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.

Name: Chris Dickey	LBP number: BP 106739
Class(es) licensed in:	
Plumbers, Gasfitters and Drainlayers registration number (if applicable):	
Mailing address (if different from below):	
Street address/Registered office:	
Suburb:	Town/City: Cromwell
PO Box/Private Bag: 43 Cromwell	Postcode: 9342
Phone number:	Mobile: 021 946 171
After hours:	Fax:
Email address:	Website: chris@atdbuilding.co.nz

DECLARATION

I, Chris Dickey carried out or supervised the restricted building work recorded on this form.

Signature: Date: 22/1/15

NZ BRICK & BLOCKLAYERS ASSOCIATION



Memorandum from licensed building practitioner:
Record of building work
Section 88, Building Act 2004 Form 6A



JOB No.

INVOICE No. 15906

The Building

Street address of building:

Missy Crescent

The project

Building consent number:

The owner

Name:

Bowlink

Address:

Telephone:

Email:

Record of work that is restricted building work

Work that is restricted building work	Description	Carried out/ supervised
Primary structure		
Foundations and subfloor framing ()		() Carried out () Supervised
Walls ()		() Carried out () Supervised
Columns and beams ()		() Carried out () Supervised
Other ()		() Carried out () Supervised
External moisture management systems		
Damp proofing & Penetrations ()		() Carried out () Supervised
Wall cladding or wall system ()	70 Series Veneer	() Carried out () Supervised
Other ()		() Carried out () Supervised

Issued by

Name:

KIRK STUART

LBP number:

114757

Class(es) licensed in

B1/B2.

Mailing address:

6 Clare Plc

Street address or registered office:

Telephone:

Landline:

Mobile:

Daytime:

0272327425

After hours:

Facsimile:

Email:

Declaration

I

KIRK STUART

(name of practitioner)

carried out or supervised the restricted building work recorded on this form.

Signature:

[Handwritten Signature]

Date:

29/1/2015

Form 6A

Memorandum from licensed building practitioner: Record of building work
Section 88, Building Act 2004

The building

Street address of building: 25C Missy Crescent

Pisa Moorings

Cromwell

The project

Building consent number:

The owner

Name: Beulink

Address: 25C Missy Crescent, Pisa Moorings, Cromwell

Telephone number:

Email address:

Record of work that is restricted building work

Work that is restricted building work	Description	Carried out/ supervised
<i>[Tick]</i>	<i>[If necessary, describe the restricted building work]</i>	<i>[Specify whether you carried out the restricted building work or supervised someone else carrying out the restricted building work]</i>

Primary structure

Foundations and subfloor framing	()	N/A	() Carried out () Supervised
Walls	()	N/A	() Carried out () Supervised
Roof	()	N/A	() Carried out () Supervised
Columns and beams	()	N/A	() Carried out () Supervised
Bracing	()	N/A	() Carried out () Supervised
Other	()		() Carried out () Supervised

External moisture management systems		
Damp proofing ()	N/A	() Carried out () Supervised
Roof cladding or roof cladding system (✓)	Supply & Install Colorsteel Corrugate Roofing system and all associated Colorsteel Flashings	(✓) Carried out (✓) Supervised
Ventilation system (for example, subfloor or cavity) ()	N/A	() Carried out () Supervised
Wall cladding or wall cladding system ()	N/A	() Carried out () Supervised
Waterproofing ()	N/A	() Carried out () Supervised
Other ()	N/A	() Carried out () Supervised

Note: continue on another page if necessary.

Issued by

Name: Andrew Monk

LBP number: BP109550

Class(es) licensed in: Metal roofing

Plumbers, Gasfitters and Drainlayers registration number (if applicable):

Mailing address: PO Box 235 Cromwell

Street address or registered office: 52 Charles Court Hawea

Phone number: Landline: 034450553 Mobile: 021767585

Daytime: After hours:

Fax number: 034450573

Email address: info@extremeroofing.co.nz

Website: www.extremeroofing.co.nz

Declaration

I Andrew Monk [name of practitioner]

carried out or supervised the restricted building work recorded on this form.

Signature:



Date: 16/01/2015

CERTIFICATION OF ELECTRICAL SAFETY COMPLIANCE



CRO 0502914

Customer: Louis Beylink

Installation address: 25c Missy Cres
Pisa Mornings
Cromwell

Job No. 9604

ICP No.

1 Description of work:

Number of attachments:

Unique ID

Prewire + Installation of

47x light fittings
33x power outlets
tower rails
extract fans

The risk of this work is:

- ☐ Low skip to section 9
- ☒ General complete steps 3, 4, 5, 6, 8
- ☐ High complete steps 3, 4, 5, 6, 7, 8

This work has been done in accordance with:

- ☒ Part 2 of AS/NZS 3000
- ☐ Part 1 of AS/NZS 3000*

Additional standards this work complies with:

Supply system is suitable for:

- ☒ 230/400 V MEN system
- ☐ Other:

This work has been carried out in accordance with a Certified Design:

☐ YES ☒ NO

<input type="radio"/> Certified design (attached)	Name of issuer of certified design:
<input type="radio"/> Supplier declarations of conformity (attached)	Please list certificate serial numbers or web address (www.aoteaelectric.co.nz):
<input type="radio"/> Manufacturers instructions used or relied in this work	Please attach or list web address:

All parts of the installation are safe to connect to a power supply:

☒ YES ☐ NO

Please detail which parts are NOT safe to connect

RECORD OF INSPECTION (if required)

The aspects of the work which make it high risk are:

Inspector:

- | | | | | |
|-------------------------------------|--------------------------------------|---|-------------------------------------|--|
| <input type="radio"/> Work on mains | <input type="radio"/> Electromedical | <input type="radio"/> Mains parallel generation | <input type="radio"/> High voltage* | <input type="radio"/> Work to part 1 of AS/NZS 3000* |
| <input type="radio"/> Photovoltaic | <input type="radio"/> Hazardous area | <input type="radio"/> Animal stunning | <input type="radio"/> Mines | <input type="radio"/> Work on main earthing system |

*certified design required

CERTIFICATE OF COMPLIANCE

I confirm that I am satisfied that the work detailed in this certificate of compliance has been done lawfully and safely, and that the information contained in this certificate is correct and accurate

Date of work performed: 23/12/14

Certified by: DAN WILSON

Registration No.: E250894

Date: 23/12/14

Signature: [Signature]

☐ Name and registration no. of all workers attached

ELECTRICAL SAFETY CERTIFICATE

I am satisfied that the work detailed in this electrical safety certificate is completed and the installation or related parts installation is connected to a power supply and is safe to use.

Date of connection:

Connected by:

Registration No.:

Date:

Signature:



Ph: 03 445 1374 | Email: cromwell.reception@aoteaelectric.co.nz | www.aoteaelectric.co.nz

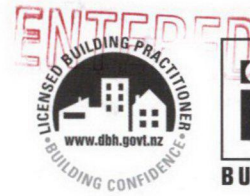
AOTEA ELECTRIC CROMWELL LTD

49 Barry Avenue, Cromwell | PO Box 21, Cromwell

CUSTOMER COPY

Memorandum from licensed building practitioner: Record of building work

Section 88, Building Act 2004



THE BUILDING

Street address: 25c Missy Crescent

Suburb:

Town/City: Cromwell

Postcode: 9342

THE PROJECT

Building consent number: BC 140476

THE OWNER(S)

Name(s): Cheryl + Louis Beulink.

Mailing address:

Suburb:

PO Box/Private Bag:

Town/City: Christchurch.

Postcode:

Phone number:

Email address:

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

PRIMARY STRUCTURE

Work that is restricted building work	Description of restricted building work	Carried out or supervised
Tick <input checked="" type="checkbox"/>	If necessary, describe the restricted building work	Tick <input checked="" type="checkbox"/> whether you carried out the work or supervised someone else.
Foundations and subfloor framing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Walls <input checked="" type="radio"/>	Pre fabricated 4x2	<input type="radio"/> Carried out <input type="radio"/> Supervised

PRIMARY STRUCTURE CONT'D

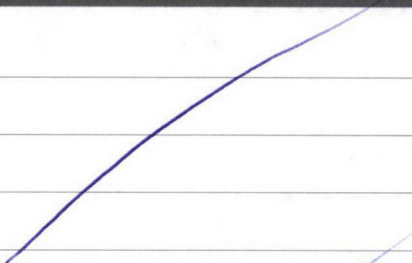
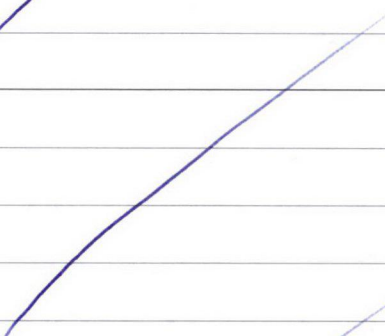
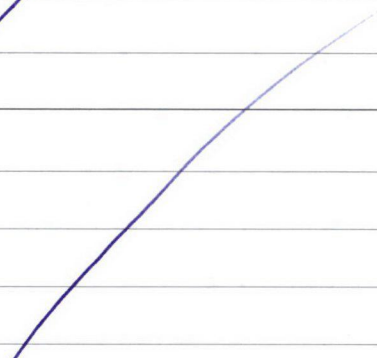
Roof	<input checked="" type="checkbox"/>	Truss Roof	<input type="radio"/> Carried out <input type="radio"/> Supervised
Columns and beams	<input type="checkbox"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Bracing	<input checked="" type="checkbox"/>	Gib and Ply	<input type="radio"/> Carried out <input type="radio"/> Supervised
Other	<input type="checkbox"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing	<input checked="" type="checkbox"/>	Molseal to brick foundation	<input type="radio"/> Carried out <input type="radio"/> Supervised
Roof cladding or roof cladding system	<input type="checkbox"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Ventilation system (for example, subfloor or cavity)	<input type="checkbox"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

EXTERNAL MOISTURE MANAGEMENT SYSTEMS CONT'D


Wall cladding or wall cladding system <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Waterproofing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Other <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised


ISSUED BY

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.

Name: <u>Chris Dickey</u>	LBP number: <u>BP 106739</u>
Class(es) licensed in:	
Plumbers, Gasfitters and Drainlayers registration number (if applicable):	
Mailing address (if different from below):	
Street address/Registered office:	
Suburb:	Town/City: <u>Cromwell</u>
PO Box/Private Bag: <u>93 Cromwell</u>	Postcode: <u>9342</u>
Phone number:	Mobile: <u>021 946 171</u>
After hours:	Fax:
Email address:	Website: <u>chris@otdbuilding.co.nz</u>

DECLARATION

I  Chris Dickey carried out or supervised the restricted building work recorded on this form.

Signature:  Date: 22/1/15

Memorandum from licensed building practitioner: Certificate of design work

Section 45 and Section 30C, Building Act 2004

Please fill in the form as fully and correctly as possible.

If there is insufficient room on the form for requested details, please continue on another sheet and attach the additional sheet(s) to this form.

THE BUILDING

Street address: 25c Missy Cres

Suburb: Pisa Moorings

Town/City: Central Otago

Postcode:

THE OWNER

Name(s): Beulink

Mailing address:

Suburb:

PO Box/Private Bag:

Town/City:

Postcode:

Phone number:

Email address:

BASIS FOR PROVIDING THIS MEMORANDUM

I am providing this memorandum in my role as the: Please tick the option that applies (✓)	
()	sole designer of all of the RBW design outlined in this memorandum – I carried out all of the RBW design myself – no other person will be providing any additional memoranda for the project
(✓)	lead designer who carried out some of the RBW design myself but also supervised other designers – this memorandum covers their RBW design work as well as mine, and no other person will be providing any additional memoranda for the project
()	lead designer for all but specific elements of RBW – this memorandum only covers the RBW design work that I carried out or supervised and the other designers will provide their own memoranda relating to their specific RBW design
()	specialist designer who carried out specific elements of RBW design work as outlined in this memorandum – other designers will be providing a memorandum covering the remaining RBW design work

IDENTIFICATION OF DESIGN WORK THAT IS RESTRICTED BUILDING WORK (RBW)

I Nicola Davis carried out / supervised the following design work that is restricted building work

PRIMARY STRUCTURE: B1

Design work that is restricted building work	Description	Carried out/ supervised	Reference to plans and specifications
Tick (✓) if included Cross (X) if excluded	[If appropriate, provide details of the restricted building work]	[Specify whether you carried out this design work or supervised someone else carrying]	[If appropriate, specify references]

		out this design work]		
Primary structure				
All RBW Design work relating to B1	(√)	-	() Carried out () Supervised	-
Foundations and subfloor framing	(√)	Ribraft	() Carried out (√) Supervised	Sht 5
Walls	(√)	Timber Frame	() Carried out (√) Supervised	Sht 11
Roof	(√)	Timber Trusses	() Carried out (√) Supervised	Sht 15 + Prenail Truss Design
Columns and beams	(√)	Timber	() Carried out (√) Supervised	Sht 15 + Prenail Truss Design
Bracing	(√)	GIB Ezybrace system	() Carried out (√) Supervised	Sht 19 + Bracing calculations
Other	(X)		() Carried out () Supervised	
EXTERNAL MOISTURE MANAGEMENT SYSTEMS: E2				
All RBW design work relating to E2	(√)	-	() Carried out (√) Supervised	-
Damp proofing	(√)	0.25 polythene on sand blinding	() Carried out (√) Supervised	Sht 11
Roof cladding or roof cladding system	(√)	Longrun corrugate	() Carried out (√) Supervised	Sht 9,10,15
Ventilation system (for example, subfloor or cavity)	(√)	vented cavity	() Carried out (√) Supervised	
Wall cladding or wall cladding system	(√)	Masonry brick veneer	() Carried out (√) Supervised	Sht 9,10,11
Waterproofing	(X)		() Carried out () Supervised	
Other	(X)		() Carried out () Supervised	
FIRE SAFETY SYSTEMS: C1 – C6				
Emergency warning systems, evacuation and fire service operation systems, suppression or control systems. or	(X)		() Carried out () Supervised	

other			
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Note: The design of fire safety systems is only restricted building work when it involves small-to-medium apartment buildings as defined by the Building (Definition of Restricted Building Work) Order 2011.

Note: continue on another page if necessary.

WAIVERS AND MODIFICATIONS

Waivers or modifications of the building code are required () Yes (√) No

If Yes, provide details of the waivers or modifications below:

Clause	Waiver/modification required
<i>[List relevant clause numbers of building code]</i>	<i>[Specify nature of waiver or modification of building code]</i>

Note: continue on another page if necessary.

ISSUED BY

Name: Nicola Davis	LBP or Registration number: BP125092
The practitioner is a: (√) Design LBP () Registered architect () Chartered professional engineer	
Design Entity or Company (optional): I Design Architecture NZ Ltd	
Mailing address (if different from below):	
Street address / Registered office: 24 Park Street	
Suburb:	Town/City: Tauranga
PO Box/Private Bag:	Postcode: 3110
Phone number: 07 578 7345	Mobile: 027 523 1310
After Hours:	Fax:
Email address: nicola@idesignarchitecture.co.nz	Website:

DECLARATION

I Nicola Davis [name of practitioner], LBP,

state that I have applied the skill and care reasonably required of a competent design professional in carrying out or supervising the Restricted Building Work (RBW) described in this form, and that based on this, I also state that the RBW:

- Complies with the building code; or
- Complies with the building code subject to any waiver or modification of the building code recorded on this form.

Signature: 

Date: 02 July 2014



Correspondence from : **AUCKLAND**
40 Neales Road, East Tamaki 2013
PO Box 58-014, Botany 2163
Phone: 09 274 7109
Fax: 09 274 7100

CHRISTCHURCH
14 Pilkington Way, Wigram 8042
PO Box 8387, Riccarton 8440
Phone: 03 348 8691
Fax: 03 348 0314

www.mitek.nz.co.nz

MiTek 20/20 Engineering 4.6.6.167

Printed: 11:12:18 01 Jul 2014

PRODUCER STATEMENT for MiTek 20/20[®] TRUSS DESIGN - Version 4.6

ISSUED BY: **MiTek New Zealand Limited**

TO: **PlaceMakers - Frame & Trusses**

IN RESPECT OF: **MiTek[®] Truss Designs**

This producer statement covers the MiTek 20/20[®] truss design and the structural performance of the GANG-NAIL[®] connector plate for the job reference **68920** and may be used by a Building Consent Authority to assist in determining compliance with the New Zealand Building Code.

The MiTek 20/20[®] truss design program has been developed by MiTek New Zealand Limited for the design of MiTek[®] timber roof, floor and attic trusses in New Zealand. The truss designs computed by MiTek 20/20[®] are prepared using sound and widely accepted engineering principles, and in accordance with compliance documents of the New Zealand Building Code and Verification Method B1/VM1; and internationally accepted standard ANSI/TPI 1 - 2002 as an alternative solution to satisfy the requirements of Clause B1 of the New Zealand Building Code.

On behalf of MiTek New Zealand Limited, and subject to:

- i) All proprietary products meeting their performance specification requirements
- ii) The provision of adequate roof bracing and overall building stability
- iii) Correct selection and placement of GANG-NAIL connector plates
- iv) Correct input of Truss Design Data as shown in the Fabricator Design Statement for this job
- v) The design being undertaken by the accredited fabricator under the terms of the software licence

I believe on reasonable grounds that the trusses, if constructed in accordance with the MiTek 20/20[®] truss design and shop drawings, will comply with the relevant provisions of the New Zealand Building Code.

MiTek New Zealand Limited holds a current policy of Professional Indemnity Insurance no less than \$500,000.

On behalf of MiTek New Zealand Limited,

Date: Tuesday, 1 July 2014

In Ling Ng, BE (Hons), CPEng, IntPE, MIPENZ (ID: 146585)
TECHNICAL SERVICES MANAGER, MiTek New Zealand Limited



Product Description

The Rib Raft Floor System comprises of polystyrene pods, steel reinforcing rods, plastic spacers and Firth RaftMix™ concrete.

Product Purpose or Use

The RibRaft Floor System is an innovative method of concrete floor construction, offering an insulated floor with a quick, practical and efficient construction method.

Certificate Holder

Fletcher Concrete and Infrastructure
Ltd T/A Firth Industries
585 Great South Road
Penrose Auckland
New Zealand 1061

CodeMark Certification Body

CertMark Australasia Pty Ltd
JAS-ANZ Accreditation No. Z4450210AK
PO Box 231
Tuakau NZ 2121
www.certmark.com.au

John Thorpe
Director
CertMark Australasia Pty Ltd

CERTIFICATE OF CONFORMITY

This is to certify that

RibRaft™ Floor System



Complies with the Building Code of New Zealand :

1. B1 Structure
2. B2 Durability
3. E2 External Moisture
4. F2 Hazardous Building Materials
5. H1 Energy Efficiency

Subject to the following conditions and limitations:

1. Must be installed according to RibRaft Technical Manual (CBI3100/3111/3112/4711) (Jan 12)
2. Specified products must be supplied by Firth Industries or an approved agency.



JAS-ANZ



WWW.JAS-ANZ.ORG/REGISTER

22-05-2012

Date of issue

22-05-2015

Date of expiry

CMNZ-2012-0522

Certificate Number

This certificate is issued by an independent certification body accredited by the product certification accreditation board appointed by the Chief Executive of the Department of Building and Housing under the Building Act 2004. The Department of Building and Housing does not in any way warrant, guarantee or in any way represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accepts any liability arising out of the use of the building method or product. The Department of Building and Housing disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or products (s) referred to in this certificate. This certificate may only be reproduced in its entirety.