

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



THE BUILDING	
Street address:	184 HORTON Road
Suburb:	TASMAN
Town/City:	Postcode:

THE PROJECT
Building consent number: 160 487

THE OWNER(S)	
Name(s): GERRINT + LINDE PHILP	
Mailing address:	
Suburb:	PO Box/Private Bag:
Town/City:	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 ☒	If necessary, describe the restricted building work	Tick ☒ whether you carried out the work or supervised someone else.
Foundations and subfloor framing ☐	SITED By Surveyor Boxed By US + REINFORCED checked By ENGINEER	☒ Carried out ☒ Supervised
Walls ☐	FRAMES SUPPLIED By ITM WE STOOD + Bolted checked By TDC Building Inspector	☒ Carried out ☒ Supervised

PRIMARY STRUCTURE CONT'D

Roof	☐	Roof Trusses Supplied By ITW Steel By US & Special Fixings By us. checked By TDC Inspector	☒ Carried out ☒ Supervised
Columns and beams	☐	Steel Columns & Bracing By others Timber Bolted By us & checked By Engineer & Building Inspector at inspection	☒ Carried out ☒ Supervised
Bracing	☐	Galv Bracing By us TDC inspection at Final of Hold cladding & Special Fixings TDC inspection at Postline	☒ Carried out ☒ Supervised
Other	☐		☐ Carried out ☐ Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing	☐	Building wrap & Flashing, Topsoil By us checked By inspector at Post wrap	☒ Carried out ☒ Supervised
Roof cladding or roof cladding system	☐	By others	☐ Carried out ☐ Supervised
Ventilation system (for example, subfloor or cavity)	☐	Vents in soffits, Gable vents on upstairs soffits as instructed By designer at 200 mm centres	☒ Carried out ☒ Supervised

EXTERNAL MOISTURE MANAGEMENT SYSTEMS CONT'D

Wall cladding or wall cladding system ☐	<u>others.</u>	☐ Carried out ☐ Supervised
Waterproofing ☐		☐ Carried out ☐ Supervised
Other ☐		☐ Carried out ☐ 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>Tom Collins</u>	LBP number: <u>111 467</u>
Class(es) licensed in: <u>CARPENTRY</u>	
Plumbers, Gasfitters and Drainlayers registration number (if applicable):	
Mailing address (if different from below): <u>P.O. Box 59 TAPPINERH</u>	
Street address/Registered office: <u>15 KATA AVE</u>	
Suburb: <u>TAPPINERH</u>	Town/City:
PO Box/Private Bag:	Postcode: <u>7055</u>
Phone number: <u>0274 866 054</u>	Mobile:
After hours:	Fax:
Email address: <u>Tom Collins Builders Hdr @vta.co.nz</u>	Website:

DECLARATION

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

Signature: T. CollinsDate: 11-4-2017

RNS9475

Memorandum from licensed building practitioner:

Record of building work

Section 88, Building Act 2004

The Building

Street address of building: 184 Horton Rd. Tasman
Nelson.

The Project

Building consent number: 160489

The Owner

Name: Philp / OBG

Address:

Telephone number:

Email address:

Record of work that is restricted building work

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

Primary structure

Foundations and subfloor framing	()	() Carried out () Supervised
Walls	()	() Carried out () Supervised
Roof	(✓) metal tile roof.	(✓) Carried out (✓) Supervised
Columns and beams	()	() Carried out () Supervised
Bracing	()	() Carried out () Supervised
Other	()	() Carried out () Supervised

External moisture management systems

Damp proofing ()		() Carried out () Supervised
Roof cladding or roof cladding system (✓)	metal tile roof underlay + flashings	✓ Carried out ✓ Supervised
Ventilation system (for example, subfloor or cavity) ()		() Carried out () Supervised
Wall cladding or wall cladding system ()		() Carried out () Supervised
Waterproofing ()		() Carried out () Supervised
Other ()		() Carried out () Supervised

Note: continue on another page if necessary.

Issued by

Name: **Tony Pearce**

LBP number: **BP122382**

Class(es) licensed in: **R2 + R3**

Mailing address: **41 Venice Place, Stoke, Nelson (Contour Roofing Ltd)**

Street address or registered office: **41 Venice Place, Stoke, Nelson (Contour Roofing Ltd)**

Phone number: Landline: **03 538 0824** Mobile: **021 179 7178**

Email address: **pearcea@xtra.co.nz**

Declaration

I **Tony Pearce**

[name of practitioner]

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

Signature: 

Date: **29-11-16**

Memorandum from Licensed Building Practitioner:
Record of building work
Section 88, Building Act 2004



THE BUILDING		
Street address: <u>184 Horton Road</u>		
Suburb: <u>Bewlah estate</u>		
Town/City: <u>Tasman</u>		Postcode:
THE PROJECT		
Building consent number: <u>160489</u>		
THE OWNER(S)		
Name(s): <u>Geriant 3 unda phup</u>		
Mailing address: <u>184 Horton road</u>		
Suburb: <u>Bewlah estate</u>		PO Box/Private Bag:
Town/City: <u>Tasman</u>		Postcode:
Phone number:		Email address:
RECORD OF WORK THAT IS RESTRICTED BUILDING WORK		
PRIMARY STRUCTURE		
Work that is restricted building work Tick	Description of restricted building work If necessary, describe the restricted building work	Carried out or supervised Tick ☒ whether you carried out the RBW or supervised someone else.
Foundations and subfloor framing ☐		☐ Carried out ☐ Supervised
Walls ☐		☐ Carried out ☐ Supervised
Roof ☐		☐ Carried out ☐ Supervised
Columns and beams ☐		☐ Carried out ☐ Supervised
Bracing ☐		☐ Carried out ☐ Supervised
Other ☐		☐ Carried out ☐ Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing ☐		☐ Carried out ☐ Supervised
Roof cladding or roof cladding system ☐		☐ Carried out ☐ Supervised
Ventilation system (for example, subfloor or cavity) ☐		☐ Carried out ☐ Supervised
Wall cladding or wall cladding system ☒	Installed DuLux 50mm EIFS System with 3 coats of plaster & 5 coats of paint	☒ Carried out ☐ Supervised
Waterproofing ☐		☐ Carried out ☐ Supervised
Other ☐		☐ Carried out ☐ Supervised

ISSUED BY

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

Name: Austair Read

LBP number: BP 124376

Class(es) licensed in: E1, E2

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

Mailing address (if different from below):

Street address/Registered office: 34 grey Street motueka

Suburb:

Town/City:

PO Box/Private Bag:

Postcode:

Phone number:

Mobile: 0272688148

After hours:

Fax:

Email address:

Website:

DECLARATION

I, Austair Read, carried out or supervised the restricted building work recorded on this form.

Signature: M. Read.

Date: 31/3/17

10751

9 September 2016

C. Tocker
Orange Residential Ltd
264 Queen Street,
PO Box 3441
Richmond 7050



PO Box 2144
1 Fuji Court
Stoke, Nelson
P (03) 928 0217
M 022 657 9815
F
E chris@landdimensions.co.nz

Attn: C. Tocker

Dear Cameron

**Surveyors Set-Out Certification – 187 Horton Rd, Beulah Estate, Tasman. Lot 2
DP 324764.
BC Ref 160489.**

The residential building at the above site was set out by Land Dimensions Ltd in accordance with the building design data provided, Orange Residential Homes Ltd Plan Ref. 598/05, sheets 02, 03, and 27). A site datum was also established in terms of TDC Datum, in order to set the floor level of 66.65m.

Yours faithfully
Land Dimensions Ltd

Chris Walker



DrainMAX
REGISTERED DRAINLAYERS

*for all your drainage requirements -
residential & commercial*

Aaron: 021 360 451
Richard: 027 4987 004

Email: drainmax@hotmail.co.nz
A/H: 03 547 6511 • Fax: 03 547 6515
PO Box 2426, Stoke, Nelson 7041

MAINTAINANCE INSPECTION AGREEMENT

It is hereby agreed that **Drainmax Ltd** will provide the services of a trained and authorised technician to perform the preventative maintenance inspections.

Payment for this service to be – \$250+GST

The frequency of maintenance service inspections for your wastewater system is – 1/ Annual 2/6 monthly 3/ 3 monthly 4/ Other

The owner will be informed of how the system is operating and also any repairs required to the wastewater system prior to the next maintenance inspection.

All repairs are to be done as a quote and agreed upon terms; settled on prior to commencement of work.

All invoices are to be paid 20th day of the month following invoice date.
Ownership of goods/services supplied remains property of Drainmax Ltd until payment received.

This agreement shall remain in force for a period of 3 years; beginning

OWNERS NAME PRINT/ GERAINT PHILIP

OWNER SIGNATURE / *Geraint Philip*

SIGNED ON BEHALF OF DRAINMAX / Richard Nicholls *CL*

DATE/ 9/5/17

ADDRESS/ 184 Horton Rd.



Tasman District Council: Richmond Office
189 Queen Street, Private Bag 4, Richmond 7050, New Zealand
Phone 03 543 8400 Fax 03 543 9524
Email: info@tasman.govt.nz Website: www.tasman.govt.nz

DRAINLAYING FIRM Drainmax

BUILDING CONSENT NO. 160489

PROPERTY OWNER Ge L Philp.

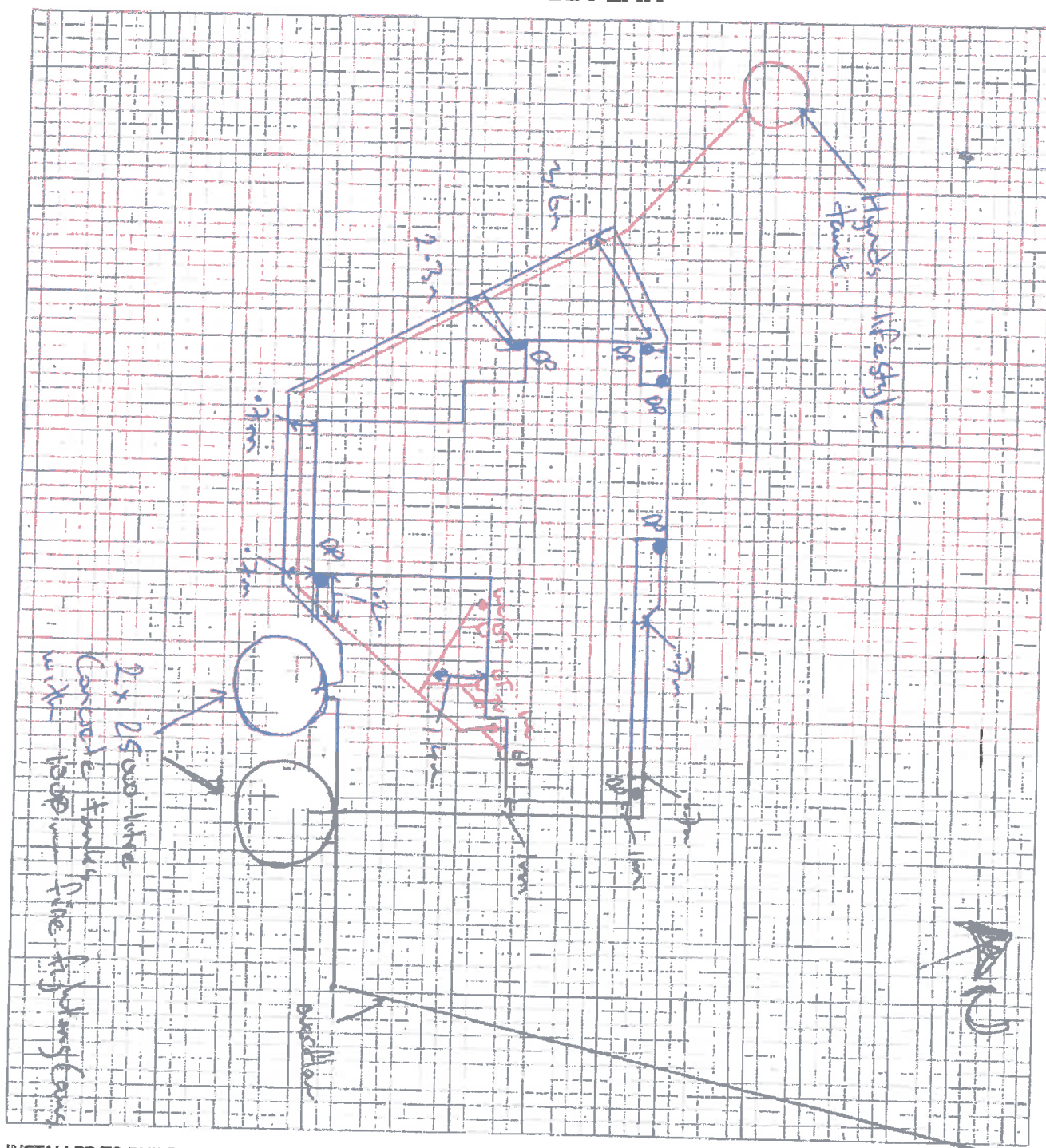
LOCATION/STREET 184 Horton Rd.

DATE 2/5/17

TOWNSHIP Beulah estate Tasman
(House draining)

Reg: 17662

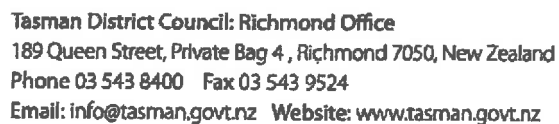
DRAINAGE PLAN



INSTALLED TO BUILDING CODE

SIGNED BY REGISTERED DRAINLAYER [Signature]

INSPECTED BY [Signature]



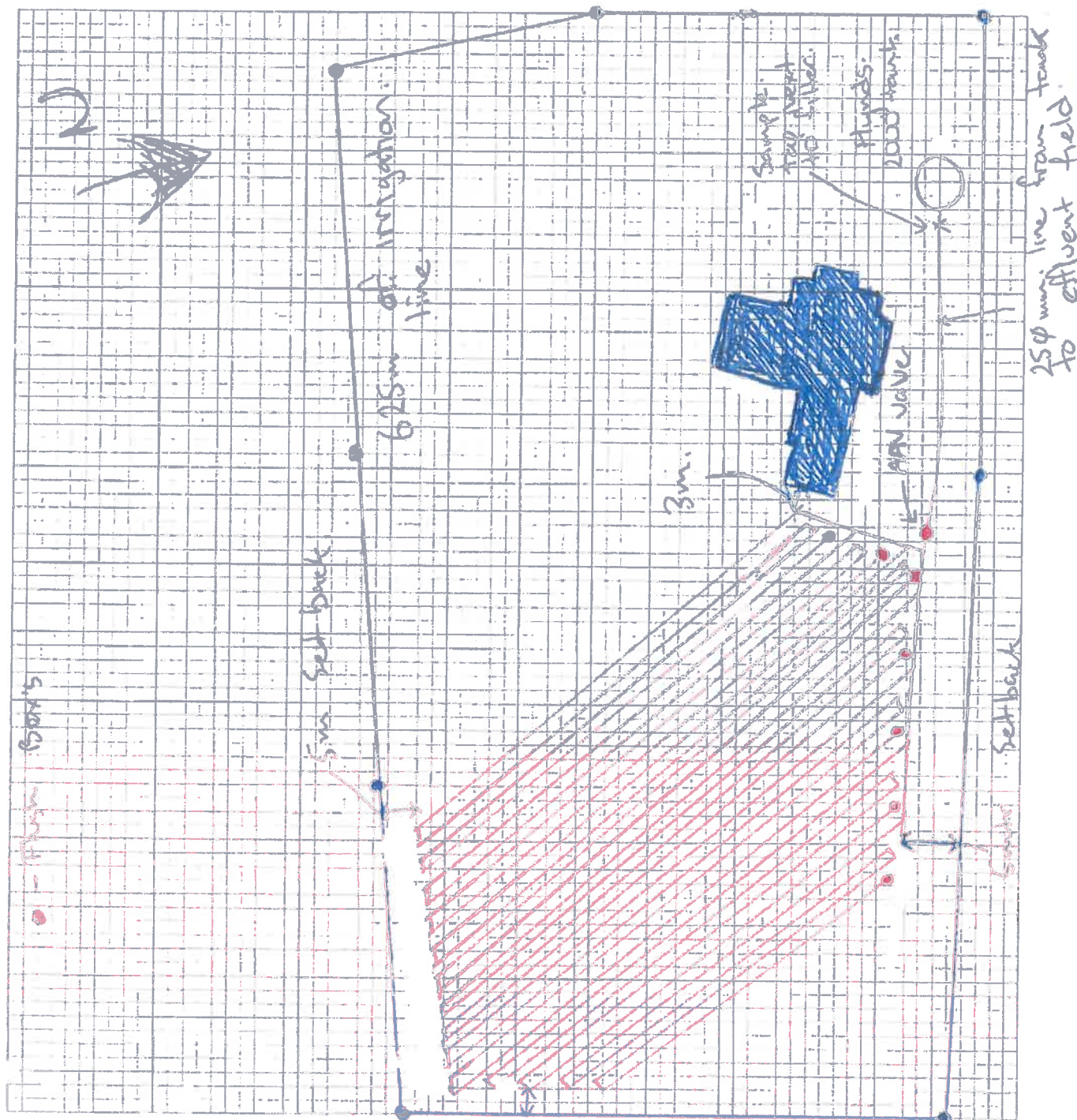
BUILDING CONSENT NO. 160489.

LOCATION/STREET 184 Horton Rd.

TOWNSHIP Beulah estate Tazman

Reg: 17662

DRAINAGE PLAN



**INSTALLED TO BUILDING CODE
SIGNED BY REGISTERED DRAINLAYER**

INSPECTED BY

Waterproofing installation confirmation.

Complete one form for each type of application i.e. showers, decks.

Complete fully, Product specification may be asked for.

9/4/17
Ensuite

Principal waterproofing contractor.

Reg 600
Prime Tiling Ltd
Eric Jansen-Mendrich
62 Jansen
Company name
signature, duly authorized person
print name

Subcontracted waterproofing contractor.

Company name
signature installer
print name

In respect of the waterproofing completed -

at: 181 Horton Road (address)

for: Orange Building Company (client) I

confirm that the waterproofing products used have been installed in strict accordance with the manufacturers installation instructions and that the substrate has been installed in strict accordance with the manufacturer's instructions.

Products used (list product name and manufacturer)

Substrate Hardies 9mm Wallboard / concrete
Primer Ardex Multiprime
First coat Ardex Superflex 002
Second coat Ardex Superflex 002
Reinforcing Polyester Baradex / Butyrol Fabric.
Junction tape
Top coat
Sealant Slate Grey Ardex.

Combined Certificate of Compliance & Electrical Safety Certificate

MASTER
ELECTRICIANS

Electrical Contractors Association of NZ

Customer Name: G & L PHILP

Location of Installation: LOT 2, 184 HORTONS ROAD
BEULAH RIDGE, TASMAN CE 86913

Description of work: (or see attached): Wire new house 30 Wiring

as per plan: METABOX, MCBs, COATED, LIGHTS and
DOMESTICS as per plan, 1x OVAL, 1x USB, 2x RAS
2x DOWNERS, 2x T/PLATES, 1x HWC, 1x Panel Read, 1x
SEPTIC tank OUTLET.



Reference / Job / ID

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

Name of Issuer of Certified Design: N/A

ICP Number (if known)

Supplier Declaration of Conformity Attached: ☐ (please attach or list Certificate serial numbers or web address below)

Manufacturers Instructions used or relied on in this work: ☐ (please attach or list web address below)

All parts of the installation are safe to connect to a power supply
If not, please detail which parts are safe to connect.

☒ AS ABOVE

This work is:
Low Risk ☐
(Certificate of Compliance not required)
General ☐
High Risk ☒
(Record of Inspection required)

This work has been done in accordance with:
Part 2 of AS/NZS 3000 ☒
Part 1 of AS/NZS 3000 ☐

Supply system this work is suitable for:
230/400V MEN system ☒
Other (Please specify) ☐

Other Standards this work complies with:

Record of Inspection (If Required)

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

- ☒ Work on Mains
☐ Work on Main Earthing System
☐ Electromedical
☐ Hazardous Area

Name of Inspector:

- ☐ Mains Parallel Generation
☐ Mines
☐ Photovoltaic

- ☐ Animal Stunning
☐ Work to Part 1 of AS/NZS 3000 *
☐ High Voltage *

* Certified Design Required

Date on, or period in, which the work was done:

FEB - APRIL 2017

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.

This certificate is issued by: Bob Preston

Registration No: E2266

Signature: [Signature]

Date: 1/5/17

Name and Registration Numbers of Workers Under Supervision Attached ☐

Electrical Safety Certificate To be completed once all work on the CoC above is completed.

Date the connection was done: _____

I am satisfied that the work detailed in this Electrical Safety Certificate and the installation or part installation to which it relates is connected to a power supply and is safe to use.

The work described above was connected by: Bob Preston

Registration No: E2266

Signature: [Signature]

Date: 1/5/17

This work is backed by the MASTERELECTRICIANS \$10,000 Workmanship Guarantee, details can be found at www.ecan.org.nz

RECORD OF INSPECTION CERTIFICATION OF ELECTRICAL SAFETY COMPLIANCE



Customer **Paul Morris Electrical**

Job No.

Installation address **184 Hortons Road
Tasman**

ICP No. **54233NT4A5**

Unique ID **65483**

Description of work: The risk of this work is:

Number of attachments:

**Inspect and connect new house (Mains work only)
Hang Meter**

COL: CE 86913

2999MSL Main E: 0.08s EFLI: 0.29s PSSC: 0.8KA

Declaration

I hereby confirm that the work described above has been done **in / not in** accordance with the regulations; and the **installation / part installation** on which the work has been done is, and will **be / not be**, when enlivened, electrically safe.
(Note: Strike out or delete the inapplicable words highlighted in **italic bold** above.)

This work has been done in accordance with:

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

Supply system is suitable for:

- ☒ 230/400 V MEN system
☐ Other:

The risk of this work is:

- ☐ Low
☐ General
☒ High

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

☐ YES ☐ NO

☐ Certified design (attached)

Name of issuer of certified design:

☐ Supplier declarations of conformity (attached)

Please list certificate serial numbers or web address:

☐ Manufacturers instructions used or relied in this work

Please attach or list web address:

CERTIFICATE OF COMPLIANCE/ELECTRICAL SAFETY CERTIFICATE

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

Certified by

Registration No.

Date

Signature

☐ Name and registration no. of all workers attached

RECORD OF INSPECTION (if required)

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

☒ Work on mains AS/NZS 3000

☐ Photovoltaic AS/NZS 5033

☐ Electromedical AS/NZS 3003

☐ Hazardous area AS/NZS 60079

☐ Mains parallel generation AS 4777

☐ Animal stunning NZS 6116

☐ High voltage* ECP34 and ESR2010

☐ Mines

☐ Work to part 1 of AS/NZS 3000*

☐ Work on main earthing system AS/NZS 3000

*certified design required

Other

INSPECTION / ELECTRICAL SAFETY CERTIFICATE

Date of inspection

2-5-2017

Inspected by

Alec Buchan

Registration No.

I259617

Date

Signature

WHITE = CUSTOMER COPY

YELLOW = WORKER COPY

BLUE = INSPECTOR COPY

VIRCOM EMS
www.vircom-ems.co.nz



ACRATEX EXSULITE EIFS CLADDING SYSTEM MATERIAL WARRANTY

Warranty Number	G00116/EXU
Owner Name	Geriant & Linda Philp
Project Address	184 Horton Rd, Beulah Estate, Tasman
Date of Purchase	01.02.2017
Specification No	NZSA08687
Contractor	Alistair Read (Tasman Bay Plasterers)

This warranty in respect of the installed products and components of the Dulux NZ Exsulite EIFS Cladding System is made up of the terms set out expressly in this document (the **Warranty**). The benefits of the Warranty are in addition to other rights and remedies under any applicable law.

The Warranty

Dulux AcraTex a division of DuluxGroup (New Zealand) Pty Ltd ACN 133 404 118 (**Dulux NZ**) warrants to the Customer that the Dulux NZ products and components of the Dulux NZ Exsulite EIFS Cladding System as installed by the and maintained in accordance with the Dulux NZ Exsulite EIFS Installation Manual will comply with New Zealand Building Code sections; B1 Structure; B2 Durability; E2 External Moisture; E3 Internal Moisture; F2 Hazardous Building Materials; and H1 Energy Efficiency. **The Warranty applies for 15 years from the date of purchase.**

If, subject to the terms of the Warranty, the products and components do not comply with the Specification, Dulux NZ will (after undertaking all reasonable investigations and assessments) supply replacement or equivalent materials selected by Dulux NZ to enable refinishing or repair of affected areas. This warranty is limited to the replacement of product only and excludes all labour and other charges.

The Warranty is personal to the Customer and supersedes any and all other prior agreements and understandings between the parties in relation to its subject matter.

Limitations of the Warranty

1. Dulux NZ will not be liable under the Warranty if the installation of the Dulux NZ products and components of the Dulux NZ Exsulite EIFS Cladding System are not in strict accordance with the instructions provided by or available from Dulux NZ including the Specification, current product data sheets, installation sheets or related technical notes.
2. Dulux NZ does not warrant workmanship or the preparation, application and installation of the Dulux NZ Exsulite EIFS Cladding System. The Customer should request a workmanship warranty from the Installer. Dulux NZ has no obligation and will not endorse the workmanship of another party beyond their control.
3. Dulux NZ will not be liable under the Warranty if the substrate on which the system is installed to:

- (a) is not of a standard and fitness meeting all statutory requirements and NZ Building Code standards; or
 - (b) has not been prepared strictly in accordance with the instructions provided by or available from Dulux NZ Exsulte EIFS installation manual.
4. Dulux NZ will not be liable under the Warranty for any loss or damage wholly or partly caused by one or more of:
- (a) hydrostatic pressure, settling, movement, cracking, lifting, peeling, flaking, failure or other deterioration of the substrate or previous coating or non compliance products; or
 - (b) corrosion, Ingress of moisture or other contaminants, maltreatment, excessive wear/tear, staining or discolouration; or
 - (c) faulty design and / or construction of the building; or
 - (d) defective products manufactured by a third party and supplied or specified by Dulux NZ provided that Dulux NZ has notified Customer that the product is a third party product; or
 - (e) without limitation any other cause outside the reasonable control of Dulux NZ.
5. Dulux NZ will not be liable under the Warranty if a non Dulux NZ specified product has been applied over the Dulux NZ Exsulte EIFS Cladding System.
6. Dulux NZ will not be liable under the Warranty if a substitute non Dulux NZ component has been installed as a part of the Dulux NZ Exsulte EIFS Cladding System.
7. Dulux NZ will not be liable under the Warranty unless the Customer makes a claim pursuant to the procedure set out in this Warranty.
8. Dulux NZ will not be liable under the Warranty unless the Installer has signed the Installer's confirmation and provided their PPCS and LBP numbers below.

Limitation of liability

9. Dulux will not be liable under this Warranty:
- (a) for any costs associated with site establishment, access and administrative costs associated with any required rectification works;
 - (b) for any consequential or indirect loss or any kind of loss or income, profit, business, goodwill or reputation arising out of or in any way connected with the sale or application of the Dulux NZ Exsulte EIFS Cladding System; or
 - (c) except as expressly provided to the contrary in this Warranty, Dulux NZ will be under no liability in respect to any loss or damage howsoever caused and whether arising directly or indirectly out of negligence or otherwise.

Dulux NZ will not be liable under the Warranty unless the installer has signed the Installer's Confirmation below.

10. Dulux NZ will not be liable under the Warranty for any consequential or indirect loss of any kind or loss of income, profit, business, goodwill or reputation arising out of or in any way

connected with the sale, application or installation of the Dulux NZ Exsulte EIFS Cladding System.

Indemnity

11. The Customer will indemnify Dulux NZ for any loss, cost, damage or expense Dulux NZ may suffer as the result of a breach of the Warranty by the Customer.

Making a claim under the Warranty

12. The Customer must give Dulux NZ written notice of any claim pursuant to the Warranty within fourteen (14) days of any defect coming to the Customer's notice and within ninety (90) days of the defect becoming apparent.
13. The Customer must contact Dulux NZ by post: Dulux NZ Customer Services, Po Box 30749, Lower Hutt, Wellington, telephone 0800 800 424 or email ordersduluxnz@duluxgroup.com.au. The Customer must show proof of purchase and bear all expenses incurred in making a claim.

Dated this 10th day of April 2017
On behalf of Dulux NZ

Signed:  Name: Robert Knol

Installer's Confirmation

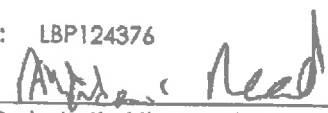
The Installer hereby confirms that the Dulux NZ products and components of the Dulux NZ Exsulte EIFS Cladding System have been installed to the Project in strict accordance with the instructions provided by or available from the NZ Building Code, Dulux NZ including the Dulux NZ Exsulte EIFS Specification Manual, and that the Installer will be responsible for any loss or damage caused or contributed to by its faulty preparation, installation and application.

Dated this 10th day of April 2017

Installer Company Name: Tasman Bay Plasterers

Installer Name: Alistair Read

LBP Number: LBP124376

Signed: 
On behalf of the Installer

****IMPORTANT: Please note the Warranty is invalid if the Dulux NZ and customer signed copies do not include the installer company name, Installer Name, LBP Number and is signed by the installer.**



DULUX ACRATEX TEXTURE COATINGS MATERIAL WARRANTY GUIDE FOR COATING PRESERVATION AND MAINTENANCE

- The exterior of your home or building should be maintained and cleaned on a regular basis or twelve monthly intervals. This will help improve your home's appearance and help to preserve the coating system. A clean once every year will remove any light soil as well as grime and airborne pollutants.
- The exterior can be cleaned with a low-pressure water wash (less than 450 psi) using a fan jet at a 45° angle from the wall surface (not perpendicular). The fan of the water should be kept at a minimum of 20cm from the wall surface to avoid any damage to the paint coating.
- Any localised grime or ingrained dirt should be removed by cleaning with a scrubbing brush using a mixed solution of detergent and warm water. Under no circumstances should you attempt to remove heavy staining using a high pressure water blast as this will damage the paint coating.
- It is important to check for any cracked, loose or missing sealant from around windows, junctions and any penetrations as a part of your regular maintenance inspections. All deteriorated or damaged sealant should be removed and replaced with new sealant as soon as possible. Use a recommended paintable MS sealant available from any paint, hardware or building merchant.
- If any accidental damage occurs to the Dulux Acratex paint coating on your home contact your local Dulux Trade Centre for professional advice, they will provide the technical expertise required to fix the problem.
- During your regular maintenance inspection be sure to check under decks or heavy foliage that is against your home. Plant roots can cling to the paint coating which will cause the paint coating to deteriorate or receive damage.
- Depending on the type of paint system, environment and depth of colour used on your home most paint systems may require repainting within 10 years. For repainting we recommend at least two coats of a compatible Dulux paint coating system.
- Ensure that you follow the Dulux paint systems specification for preparation and application or contact your local Dulux Trade Centre and they will recommend a trade painter who will quote to do all works required and do the preparation and application for you.
- Under the New Zealand building code rules all monolithic cladding systems must not be painted with a paint colour with an LRV (light reflectance value) of lower than 40%.

**If you require any further advice go to dulux.co.nz
or contact your nearest Dulux Trade Centre.**



tasman
district council

Pressure Test Certificate Piped Services at Pre-line

FORM NUMBER: BC44

DATE REVISED: 19 July 2010

Issued by: (print name) GLYNE MCLEAN

Registration Number: 15639

To: Tasman District Council

In respect to the following:

Piped services installed in accordance with G12/AS1 or NZS/AUS3500.1 and 3 (delete one) as shown on the approved plans or as per the attached amendment plan.

Installed at: (property address) 184 Horton Road, Tasman

Building consent number: 1160489

Pipe brand used: BUTELYNE

Type of test: 15 BAR

Duration: 30 MINUTES

As a craftsman plumber, currently holding an annual practising licence, I certify that I, or personnel under my control, have carried out the installation of the above system and I believe on reasonable grounds that the installation complies with the New Zealand Building Code.


Signature of Client/Builder


Signature of Plumber

For Council Use Only

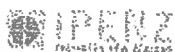
Register checked: ☐

Date: _____

Inspector name: _____

Signature: _____

Tasman District Council Environmental Services
Murchison 06 438 1111 Fax 06 438 1112
Motueka 06 438 1111 Fax 06 438 1112
Golden Bay 06 438 1111 Fax 06 438 1112



Building Code Clause(s) ...B1.....

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

(Guidance notes on the use of this form are printed on page 2)

ISSUED BY: Andrew Melvin King-Turner Ltd
(Construction Review Firm)

TO: G & L Philp
(Owner/Developer)

TO BE SUPPLIED TO: Tasman District Council
(Building Consent Authority)

IN RESPECT OF: New House - foundation excavation and reinforcing
(Description of Building Work)

AT: 184 Horton Road (Beulah Estate)
(Address)

..... TASMAN LOT DP SO

... Andrew Melvin King-Turner Ltd has been engaged by Orange Building Group Ltd
(Construction Review Firm)

To provide ☐ CM1 ☒ CM2 ☐ CM3 ☐ CM4 ☐ CM5 (Engineering Categories) or ☐ observation as per agreement with owner/developer
or ☐ other services
(Extent of Engagement)

In respect of clause(s) B1 of the Building Code for the building work described in
documents relating to Building Consent No. and those relating to
Building Consent Amendment(s) Nos. issued during the
course of the works.

Authorised Instructions / variations(s) No.

or by the attached Schedule ☐ have been issued during the course of the works.

On the basis of ☒ this ☐ these review(s) and information supplied by the contractor during the course of the works and on
behalf of the firm undertaking this Construction Review, I believe on reasonable grounds that ☐ All ☒ Part only of the
building works have been completed in accordance with the relevant requirements of the Building Consent and Building
Consent Amendments identified above, with respect to Clause(s) B1 of the Building Code.
I also believe on reasonable grounds that the persons who have undertaken this construction review have the necessary
competency to do so.

I, ... Steven Geoffrey KING-TURNER am: ☒ CPEng No. ... 142318
(Name of Construction Review Professional)

☐ Reg Arch No.

I am a Member of: ☒ IPENZ ☐ NZIA and hold the following qualifications: ... CPEng IntPE(NZ)

The Construction Review Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less
than \$200,000*.

The Construction Review Firm is a member of ACENZ: ☐

SIGNED BY Steven King-Turner ON BEHALF OF Andrew Melvin King-Turner Ltd

Date: 26-10-16 Signature:

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design
Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent
Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000*.

This form is to accompany Forms 6 or 8 of the Building (Form) Regulations 2004 for the issue of a Code Compliance
Certificate.

DrainMax
Registered Drainlayers
Email: drainmax@hotmail.co.nz

P O Box 2426
Stoke, Nelson 7041
a/h: 035476511

Report for: Philp house. (DB6).

184 Horton's Rd.
Tagman.

Date: 15/5/17 Time: 12:30pm

Council: TOC.

ELECTRICAL				COMMENTS	MATERIALS USED
General Condition	☒ Good	☐ Fair	☐ Poor		
Alarms Tested	Water ☒ Yes ☐ No	Air ☒ Yes ☐ No			
Electrical Compartment Clean	☒ Yes	☐ No			
PRIMARY					
Crust Thickness			mm	N/A. New	
Clarification Thickness			mm	N/A. New	
Sludge Thickness			mm	N/A. New	
Inlet Clear	☒ Yes	☐ No			
Sludge Return Operational	☒ Yes	☐ No			
Clean Filter	☒ Yes	☐ No			
Chamber Sound	☒ Yes	☐ No			
Odour	☒ Yes	☒ No			
AERATION					
Pump Operational	☒ Yes	☐ No			
Venturis (x2) clear	☒ Yes	☐ No			
Tank Sound	☒ Yes	☐ No			
Inlet Clear	☒ Yes	☐ No			
CLARIFICATION					
Clarity Reading	☒ Yes	☐ No	N/A	mm	
Sludge Return Venturi Clear	☒ Yes	☐ No			
Pipework Sound	☒ Yes	☐ No			
Remove Build up of Sludge/Scum	☒ Yes	☐ No	N/A		
Chamber Sound	☒ Yes	☐ No			
DISCHARGE					
Chamber Clean	☒ Yes	☐ No			
Discharge Pipework Sound	☒ Yes	☐ No			
Pump Operational	☒ Yes	☐ No			
Chamber Sound	☒ Yes	☐ No			
Clean Filter	☒ Yes	☐ No			
IRRIGATION FIELD					
Buried ☒ Yes ☐ No	Planted Yes ☒ No	Bark/Mulch Covered Yes ☒ No	Ponding Yes ☒ No		
Comments: New system. first start up. Irrigation. field buried 150mm deep as per plan. Flush Valves and AAV valve working. fine.					
Service Technician: Richard Nicholls					
Signed: 					

PRODUCER STATEMENT CONSTRUCTION REVIEW

Gary Stevens Consultant
Plumbing Drainage Consultant

13 June 2017

This Producer Statement of Construction Review GLP-01 has been issued by **Gary Stevens** to R Nicholls (Drainmax) in respect of the following project:

Project Description	On-site Wastewater & Land Application System
Street Address	184 Hortons Road, Tasman
Legal Description	Lot 2 DP 324764

Gary Stevens has been engaged by R Nicholls to provide design observation services in respect of clause/s G13 of the New Zealand Building Code and AS/NZS 1547:2012 for the building work described on the approved plans.

Based upon this review and information supplied by the contractor during the course of the works, I believe on reasonable grounds that all work as specified under the above building consent with respect to clause/s G13 of the Building Code has been completed to the extent required by that consent.



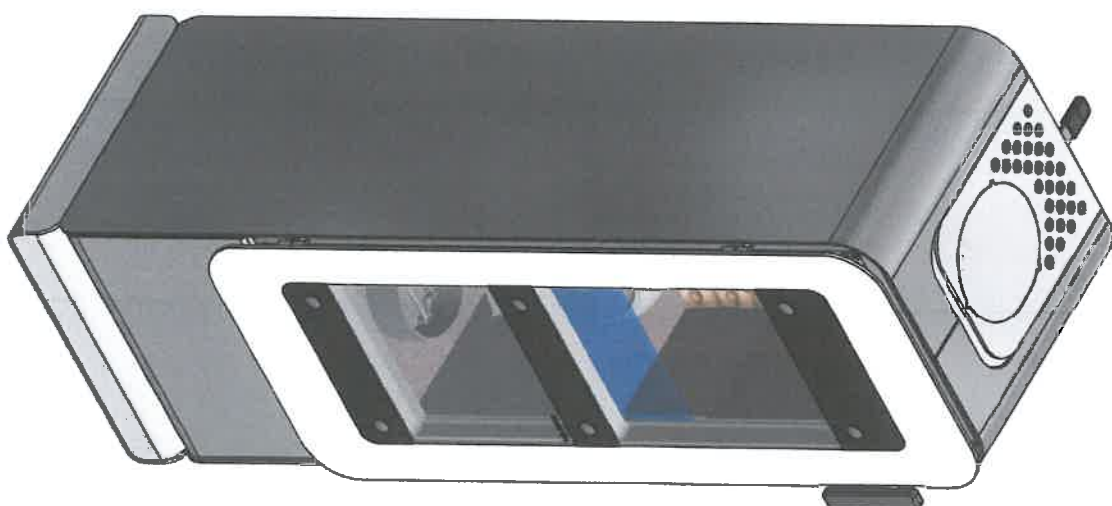
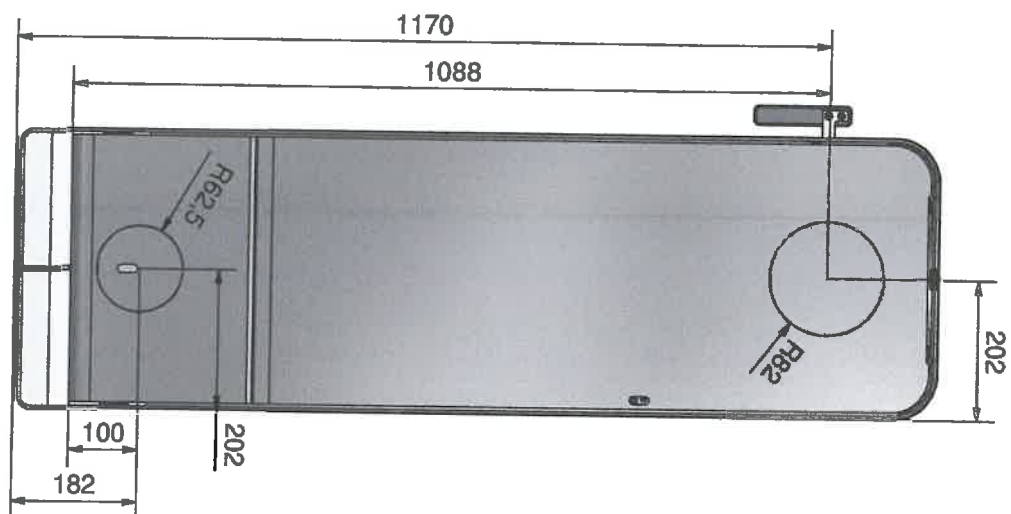
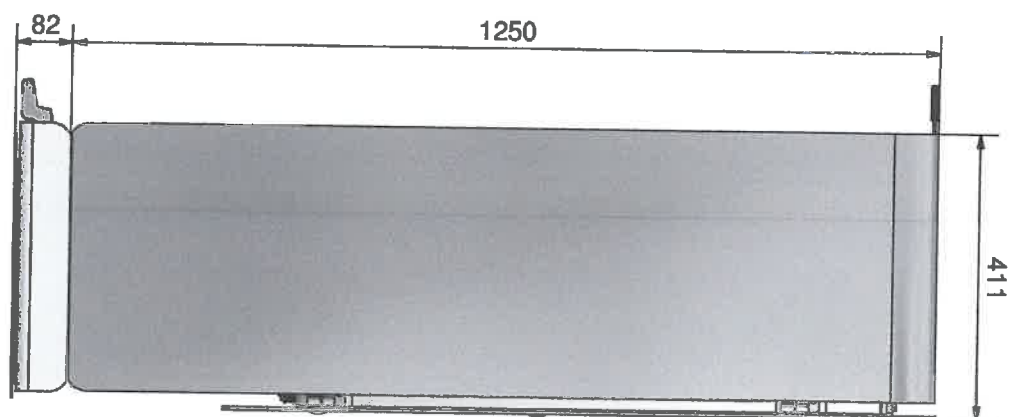
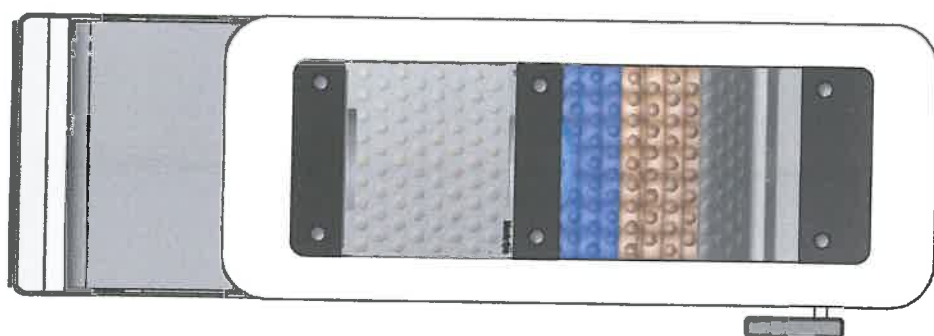
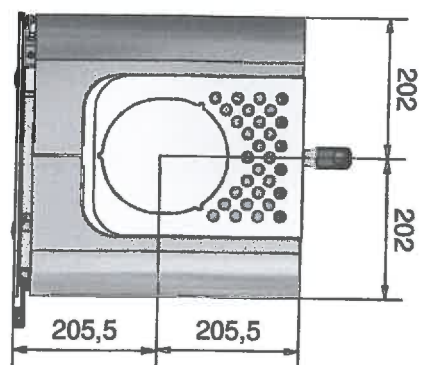
Gary Stevens Consultant

www.gsconsulting.co.nz
gary.gsconsulting@gmail.com
mobile 021-108-1391

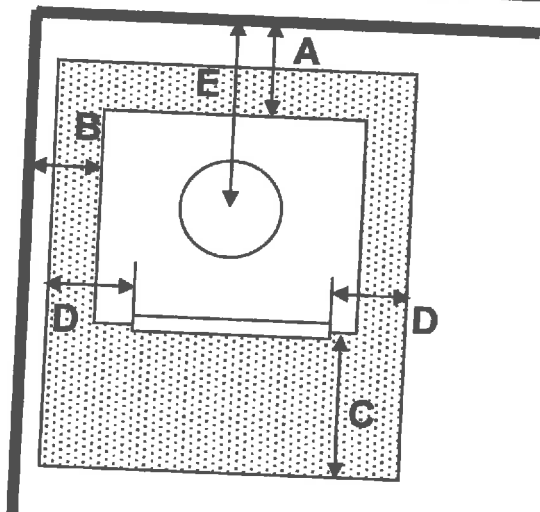
bionic fire™

Nominal Output (kW)	4.6
Min. / Max. Output (kW)	3.9 – 4.6
Heating area (m ²)	45 - 83
Stove's width/depth/height (mm) without socket	472-482-1064
Combustion chamber's width/depth/height (mm) Upper combustion chamber	280-200-300
Efficiency	76.%
Recommended amount of when fuelling (kg) Distributed p 1 -2 logs of wood approx. 25 cm	1.1
Weight socket included (kg)	approx. 180 kg
Intermittent operation	Refuelling should be undertaken within 1 ½ hours

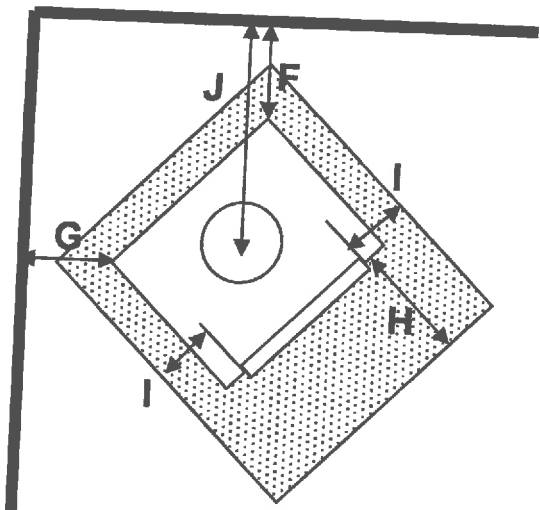
Accordingly to New Zealand Rules and Regulation the fire has to be bolted to the floor. If the bionic fire sits on a swivel, the bionic fire has to be bolted to the swivel through the pre-drilled holes with the provided screws and the swivel has to be bolted to the ground through the pre-drilled holes in the swivel.



1.1.1 Clearance Distance – Parallel Position

Parallel Position Clearance Distance	Position	Clearance (mm)
	(A) Rear	100
	(B) Side	250
	(C) Floor protector (front)	300
	(D) Floor protector (side)	200
	(E) Flue (rear)	

5.1.2. Clearance Distance – Corner Position

Corner Position Clearance Distance	Position	Clearance (mm)
	(F) Side	120
	(G) Side	120
	(H) Floor protector (front)	300
	(I) Floor protector (side)	200
	(J) Flue (rear)	

*Note that this temperature passed within the laboratories margin of uncertainty.

Technical Note: **!No flue shield is required!**

1. The clearance measurement A, B, F and J were taken from the distance between walls and closest point of the appliance, C and H was measured from the front of the fuel-loading opening to the edge of the floor protector, D and I was measured from each side of fuel-loading opening, E and J were calculated from the flue's centre to the rear wall.
2. The flue was installed onto the flue spigot, extended centrally and vertically without bend before and after penetration of the ceiling plane



bionic fire™

The fine art of green modern living

EnviroSolve Ltd. presents exclusive in New Zealand and Australia:

The first fully automatic ultra low emission down draught burner

- Very low emission
- Very environmentally friendly
- Very high efficiency
- No manual handling
- Double combustion
- Maximal use of the fuel
- Total burn off the flue gas
- Set new standards in New Zealand and Australia
- Stylish and modern design
- Innovative thinking

Your exclusive distributor:

EnviroSolve Ltd.

Dr. Rene Haerberli, Director

Ohakune Road, RD 3

Wanganui, New Zealand

Email: rene.haerberli@envirosolve.co.nz

Phone: +64 (0) 6 385 4871

Mobile: +64 (0) 21 24 24 211

Website: www.envirosolve.co.nz



P. & M. FIREPLACES



envirosolve



ENVIRONMENTALLY FRIENDLY FIRE

User Manual for New Zealand

Authorisation number: 152619 (AS/NZS 4012/4013)

Authorisation number: 154319 (ULEB)

Website for authorised burners:

<http://ecan.govt.nz/services/online-services/pages/authorised-solid-fuel-burners.aspx>



EnviroSolve Ltd

Exclusive Agent for New Zealand

Dr Rene Haeberli
Ohakune Road
RD 3
Raetihi

Phone: 06 485 4871
Mobile: 021 24 24 211
Email: rene.haeberli@envirosolve.co.nz
Web: www.envirosolve.co.nz

- 9. Interruption of operation21
 - 9.1. Smoke spillage around the door 21
 - 9.2 Soot on glass 21
 - 9.3 Stove is burning too strong 21
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- 10. Secure the fire22
- Appendix23
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 - 2. Legend for the spare parts 24
 - 3. Technical drawing of the bionic fire 25

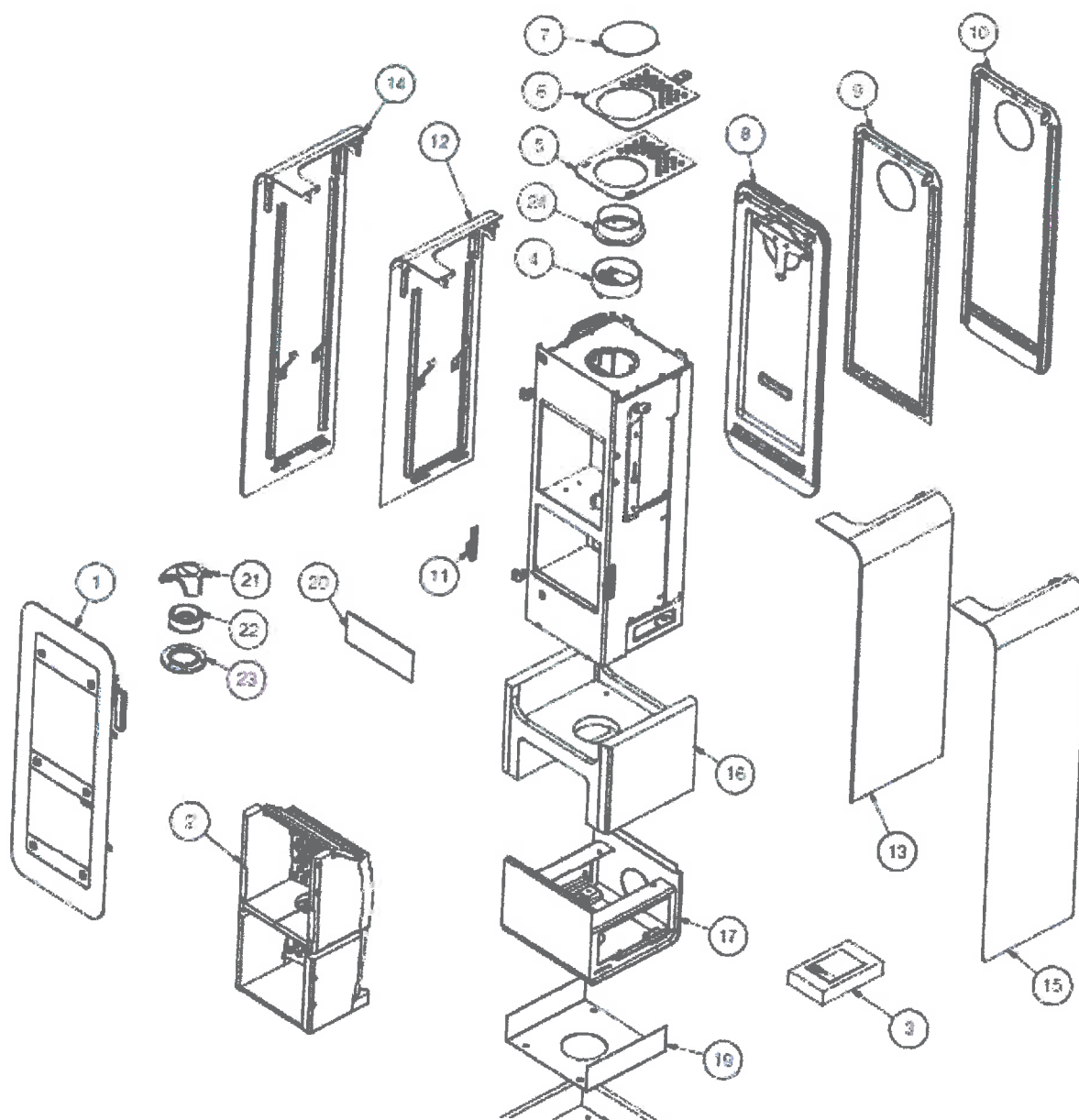
- Remove the adjustable feed from the stove.
- Use the M8 threads to bolt the fire to the floor.

Appendix

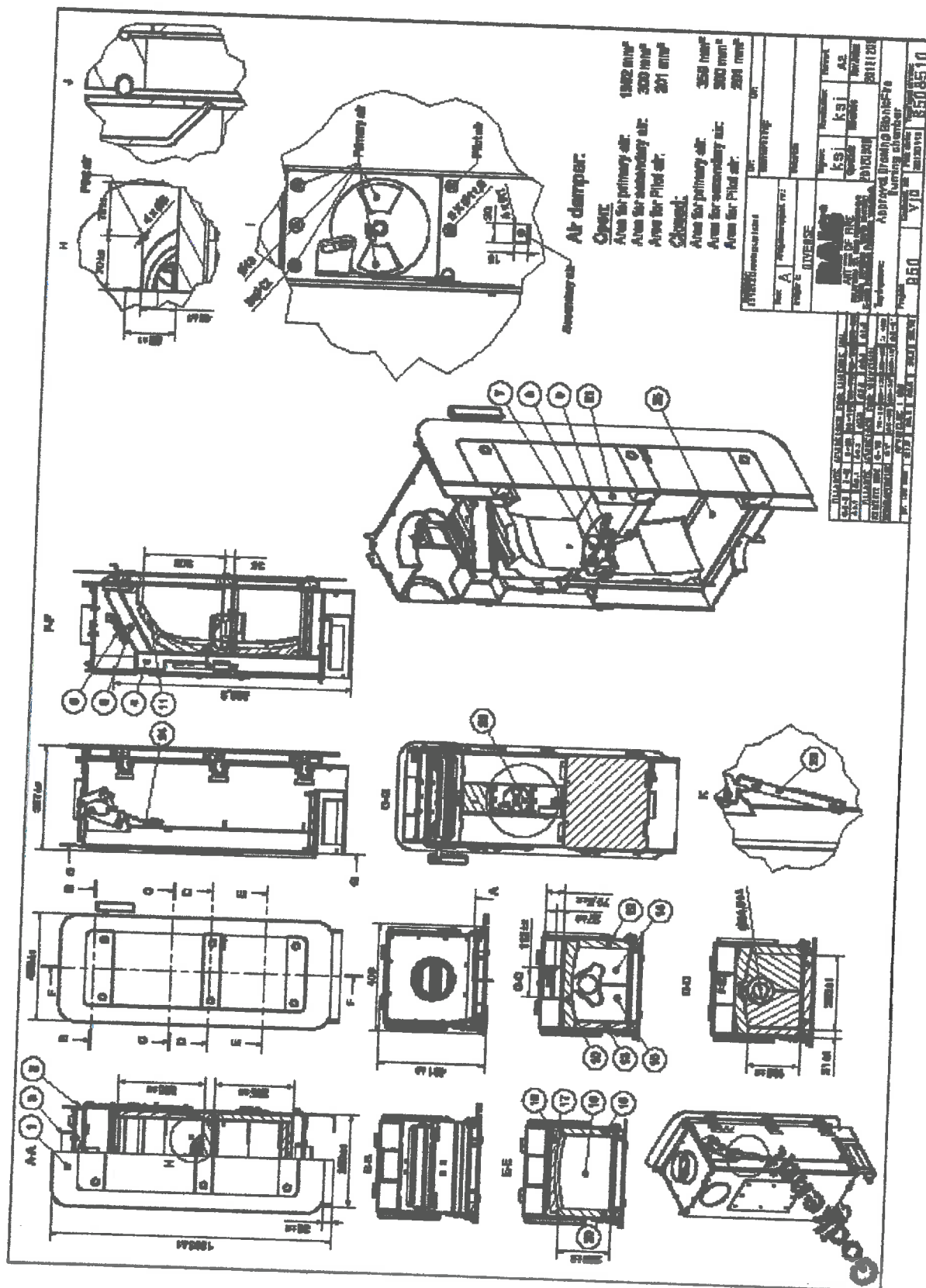
1. Drawings for the spare part

bionic fire

Reservedelstegning / Spare parts / Reservdelsritning / Varosapiitokset
 Dessin des pièces de rechange / Tekeningen van reserveonderdelen



3. Technical drawing of the bionic fire





IANZ
ACCREDITED LABORATORY
Accreditation No. 962

All tests reported
herein have been
performed in accordance
with the laboratory's
scope of accreditation



Spectrum Laboratories Ltd is accredited by International Accreditation New Zealand (formerly Telarc). The tests reported herein have been performed in accordance with the terms of our accreditation. This accreditation does not extend to any opinions or any interpretations of test results contained in this report.

(This report is endorsed)

Test Report Number: 0366.

Item Under Test (IUT):

Make: RAIS.
Model: Bionic Fire.
Type: Freestanding.

Client Details:

Attention: Mr. Rene Haeberli
Company Name: EnviroSolve Ltd.
Company Address: Ohakune Road, R D 3, Wanganui
Phone: +64 (0)6 385 4871
Manufacturer: Rais A/S
Industrivej 20, 9900 Frederikshavn, Danmark

Standard Specification:

AS/NZS 2918-2001 Appendix B Thermal testing of installation clearances;
Appendix B sets out the method for determining the maximum temperature rise above ambient temperature of heat sensitive materials as specified installation clearances from a solid fuel burning appliance.

Client Instructions:

The client requested the item be tested to the above standard in both parallel and corner positions.

Sample Details:

The sample supplied was a production model representative of the mass produced version.

Technical Notes:

The appliance was tested at both conventional and down drought modes, it was observed the conventional mode operation yielded higher temperature rises; herein the reported results are with respect to conventional mode operation.

Report Record:

Test Record (Free Standing) CD-10230 revision 1.1.
Report Preformat CD-00264 revision 2.1.


Checked by
Mr. P. Sparrow
Authorized Signatory


Tested by
Mr. P. Chen
Compliance Engineer

Issue Date: 13/02/2015

Unit 1/25 Highbrook Drive, East Tamaki, Auckland.
PO Box 204-252 Highbrook, Manukau Auckland, 2161.
Telephone +64 9 271 1616, Fax +64 9 271 1615.



Test Report:- 0366



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Section 2: Air inlets and outlet

Primary air:

The primary air supply entered the heater from the rear of the base and channeled into upper combustion chamber from the metal just below the glass seal, and lower combustion chamber via the opening on the rim located on the ceiling of the lower combustion chamber.

The primary air was uncontrolled

Refer to design drawings for detailed dimensions.

Flue gas outlet:

The flue gas outlet spigot was positioned centrally when viewed from the front of the firebox and the spigot's axial centre was 106 mm from the rear edge of the appliance's top panel.

The flue spigot had an internal diameter of 132 mm.

Refer to design drawings for detailed dimensions.

Cross sectional area:

The flue spigot outlet aperture was calculated to be 13685 mm²

Refer to design drawings for detailed dimensions.

Section 3: Flue System

Flue pipe:

The flue system consisted of a single skin flue pipe setup.

A single 150 mm diameter unpainted stainless steel flue that met the requirements of AS/NZS 2918:2001

Refer to design drawings for detailed dimensions.

Flue shield:

The heater was not fitted with a flue shield.

The heater was not fitted with a deflector.

Ceiling plate

A ceiling plate was fitted during test.

A 0.5 mm thick unpainted stainless steel ceiling plate measuring 345 mm x 345 mm with a central 180 mm circular hole was installed and spaced 11 mm from the ceiling; this allowed for a 6 mm air-gap around the edge of the plate. A 15 mm gap was maintained around the circumference of the 150 mm flue pipe.

The ceiling plate and spacers were sourced from Sheet-metal Fabricated Products Limited.



Test Report:- 0366



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Test Results for high/Flash fire:

Parallel Position Clearance Distance	Position	Clearance (mm)	Max temp rise (°C)	
			High	Flash
	(A) Rear	100	Rear Wall	
			53.04	59.64
	(B) Side	250	Side Wall	
			61.49	62.77
	(C) Floor protector (front)	300	Floor	
			15.78	17.74
	(D) Floor protector (side)	200	Ceiling	
			23.63	26.01

Corner Position Clearance Distance	Position	Clearance (mm)	Max temp rise (°C)	
			High	Flash
	(F) Side	120	Rear Wall	
			43.12	38.89
	(G) Side	120	Side Wall	
			42.42	39.18
	(H) Floor protector (front)	300	Floor	
			19.08	20.00
	(I) Floor protector (side)	200	Ceiling	
			25.64	23.92

* Note that this temperature passed within the laboratories margin of uncertainty.

Technical Note:

1. The clearance measurement A, B, F and J were taken from the distance between walls and closest point of the appliance, C and H was measured from the front of the fuel-loading opening to the edge of the floor protector, D and I was measured from each side of fuel-loading opening.
2. The flue was installed onto the flue spigot, extended centrally and vertically without bend before and after penetration of the ceiling plane.
3. Drawings shown above are not to scale.



Test Report- 0366



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Photo 3: Flash fire fuel load.