

Hurunui District Council

P. O Box 13

Amberley 744

PRODUCER STATEMENT PIPEWORK TESTING

BC No. 170328

Issued by (Plumber):

Graeme Litt

For (Owner):

Mercedes Lampela

At (address):

6 Denton St
Amberley

In respect of the testing of water pipe work prior to concealment.

I hereby state that I have personally tested the water pipe work installed in the building authorised under this Building Consent by the method indicated hereunder

☒ By pressurising the pipe work to 1500 kPa for a period of not less than 15 minutes for the hot and cold water supply and checking to see there are no leaks. (NZBC G12/AS1 7.5.1 (a), (b).)

☐ By pressurising the uPVC pipe work to 1.5 times the maximum working pressure for a period of not less than 15 minutes and checking that there are no leaks. (NZBC G12/AS1 7.5.2, NZS 7643).

Max working pressure was: 1500

☐ By pressurising the pipe work to 1500 kPa for a period of not less than 5 minutes and checking to see there are no leaks. (NZBC G12 VM1 AS3500:Part 1.2 1998)

And believe on reasonable grounds that the pipe work has passed that test.

☒ All work complies with the NZBC

I also understand that Hurunui District Council in accepting this producer statement will be relying on it to issue the Code Compliance Certificate at the completion of the building work.

SIGNATURE OF LICENSED CERTIFYING PLUMBER:

Signature:

Graeme Litt

Registration Number:

04198

Company Name:

Graeme Litt Plumbing LTD

Date:

31.8.18

Memorandum from licensed building practitioner: Record of building work

Section 88, 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:	6 Denton st
Suburb:	Oakfields
Town/City:	Amberley:
Postcode:	

THE PROJECT
Building consent number:

THE OWNER(S)	
Name(s):	
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 restricted building work or supervised someone else carrying out the restricted building work.
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

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

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 restricted building work or supervised someone else carrying out the restricted building work.
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 ☒	20 series brick veneer	☐ Carried out ☒ Supervised
Waterproofing ☐		☐ Carried out ☐ Supervised
Other ☐		☐ Carried out ☐ Supervised

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.	
Name: <u>Trevor Brown</u>	LBP number: <u>116119</u>
Class(es) licensed in: <u>Brick Veneer</u>	
<u>structural block.</u>	
Plumbers, Gasfitters and Drainlayers registration number (if applicable):	
Mailing address (if different from below):	
Street address/Registered office: <u>213 Hursley Terrace Rd</u>	
Suburb:	Town/City: <u>Amberley Rd.</u>
PO Box/Private Bag	Postcode: <u>7431</u>
Phone number:	Mobile: <u>0273441144</u>
After hours:	Fax:
Email address: <u>trevorjb3@hotmail.co.nz</u>	

DECLARATION	
I <u>Trevor Brown</u> carried out or supervised the restricted building work recorded on this form.	
Signature:	<u>[Signature]</u>
Date:	<u>11/6/2018</u>

Memorandum from licensed building practitioner: Record of building work

Section 88, 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 page and attach the additional sheet(s) to this form.

THE BUILDING	
Street address of building: 6 Denton Street	
Suburb: Oakfields	
Town / City: Amberley	Postcode: 7482

THE PROJECT	
Building consent number: 170328	

THE OWNER(S)	
Name(s): Meehan & Lamplough	
PO / Reference:	
Mailing address:	
Suburb:	P O Box:
Town / City:	Postcode:
Phone number:	Email address:

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 restricted building work or supervised someone else carrying out the restricted building work.
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

EXTERNAL WALL AND FINE MANAGEMENT SYSTEMS

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 restricted building work or supervised someone else carrying out the restricted building work
Damp proofing ☐		☐ Carried out ☐ Supervised
Roof cladding or roof cladding system ☒	Installation of Longrun Roofing and 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.

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.	
Name: Mark James Roofing	LBP number: 105507
Class(es) licensed in:	
Roofing R2	
Plumbers, Gasfitters and Drainlayers registration number (if applicable):	
Mailing address (if different from below): RD 2, Amberley	
Street address/Registered office: 2/297 Mound Road	
Suburb: Broomfield	Town/City:
PO Box/Private Bag	Postcode: 7482
Phone number: 021 460 400	Mobile:
After hours:	Fax:
Email address: admin@jamesroofing.nz	Website:

DECLARATION	
I, Mark James _____, carried out or supervised the restricted building work recorded on this form.	
Signature:	
Date:	8-6-18

Form 6A

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

The building

Street address of building:

6 Denton St
Amberley

The project

Building consent number:

170328

The owner

Name:

Meehan & Lamplough

Address:

6 Denton Street Amberley

Telephone number:

0211566504

Email address:

Justin.lamplough@hotmail.com

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	☒	☒ 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	☐		☐ 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: Ben Taylor

LBP number:

Class(es) licensed in: Carpenter

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

Mailing address: 1/297 Mound Rd R02 Amberley

Street address or registered office:

Phone number: Landline: Mobile: 027 586 2989

Daytime: After hours:

Fax number:

Email address: ben@btaylorbuilders.co.nz

Website:

Declaration

I Ben Taylor [name of practitioner]
carried out or supervised the restricted building work recorded on this form.

Signature: Ben Taylor

Date: 18/06/18

5142

31 January 2018

KF Consilium
PO Box 37
Amberley



Attention Hayden Kent
hayden@kfconsilium.co.nz

Dear Hayden

Foundation testing at 6 Denton Street, Amberley

This letter is to confirm our email and phone correspondence of 9 January 2018. I have reviewed the following information for the new dwelling under construction at 6 Denton Street, including:

- Scala penetrometer testing by KFConsilium (dated 8 January 2018)
- Approved building consent plans (BC No 170328);
- As-built earthworks plan for Oakfields Stage 3 subdivision;
- subdivision geotechnical report (dated 27 July 2010).

We understand that foundation trenches have been excavated through topsoil and into natural ground and that there is no fill on this site. Scala testing was conducted from the bottom of the foundation trenches at 400 mm below finished ground level and the results are such that the site should not be regarded as "good ground" in terms of NZS 3604 but they do indicate bearing capacities of 200 kPa (geotechnical ultimate) at foundation level.

Loads on the foundations from the single storey, light timber framed dwelling, with 70 series brick veneer, impose a design bearing pressure of about 65 kPa with a 300 mm foundation width. This is less than the design bearing capacity of 100 kPa (0.5 x 200 kPa).

Accordingly, 300 mm wide foundations are suitable for the load bearing walls of the proposed dwelling on this site.

Yours faithfully:

Andrew Hurley
Geotechnical Engineer
MIPENZ, CPEng (civil)

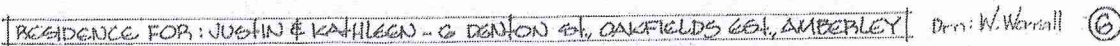
Disclaimer. This letter has been prepared solely for the benefit of KF Consilium, Mr & Mrs Brown and the Hurunui District Council. No liability is accepted by this Company or any employee or sub-consultant of this company with respect to its use by any other person. This disclaimer shall apply notwithstanding that the report may be made available to other persons for an application for permission or approval or to fulfil a legal requirement.

Appended – location diagram and Scala records

Dr. Mark Yetton E-mail myetton@geotech.co.nz
Nick Traylen E-mail ntraylen@geotech.co.nz
Ian McCahon E-mail mccahon@geotech.co.nz

Tel (03) 9822 538
Fax (03) 3257 555
PO Box 130 122
4 / 6 Raycroft Street
Christchurch 8141 New Zealand

GEOLOGICAL & ENGINEERING SERVICES



SCALA PENETROMETER TEST SHEET



Project:											
Location: <u>6 Canton</u>											
Date: <u>8 January 2018</u>											
Ref: <u>1</u>	Ref: <u>2</u>	Ref: <u>3</u>	Ref: <u>4</u>	Ref: <u>5</u>	Ref:						
RL: <u>-400</u>	RL: <u>-400</u>	RL: <u>-400</u>	RL: <u>-400</u>	RL: <u>-400</u>	RL:						
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200	1	200	1	200	1	200	2	200	2	200	
250	1	250	1	250	1	250	2	250	4	250	
300	1	300	1	300	1	300	2	300	4	300	
350	1	350	1	350	1	350	2	350	4	350	
400	1	400	1	400	1	400	2	400	3	400	
450	2	450	1	450	1	450	2	450	4	450	
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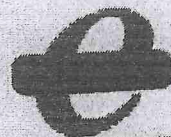
Notes:



Compliance and Electrical Safety Certificate

This form has been issued by the Electrical Workers Registration Board

Unique ID: 6 Denham Sh



Safety - Compliance

This form has been designed to be used by licensed electrical workers to certify low voltage installations or part installations that comply with Part 2 of BS723 2000 and are safe to be connected to a 230/400 volt multiple earth neutral (MEN) system of electrical supply.

Address: 6 Denham St Amberley

Name: Andrew Taylor

Postal Address: 6 Denham St Amberley

Phone and Email: 0274895375

Name: Julian Gabbihai

Registration/Practising Licence Number: E18975

Organisation: A Team Electrical Ltd

Telephone Number: 021466587

Email: teamelectrical@windonshire.com

Name of person(s) being supervised: Isaac Furham

The work is (tick): ☐ Additions ☐ Alterations ☒ New work

The prescribed electrical work is:

☒ High Risk

☐ General

☐ Low Risk

☐ The homeowner has undertaken part of the electrical installation work.

Indicate the number of each item installed or altered:

Number of lighting outlets:

45

Other Work?

3x fans

Number of socket outlets:

34

2x heaters

Number of ranges:

1

2x tuf rails

Number of water heaters:

1

Tick ☒ if work includes:

☒ Mains

☒ MEN switchboard closest to point of supply

☒ Main Earthing System

☒ Electric Lines

I certify that the completed prescribed electrical work to which this certificate applies, has been done lawfully and safely and the information in the certificate is correct in that the installation, or part of the installation:

- ☒ has been installed in accordance with a certified design
- ☒ has an earthing system that is correctly rated
- ☒ contains fittings which are safe to connect to a power supply
- ☒ relies on supplier's Declaration of Conformity (attach or reference!)
- ☒ relies on manufacturer's instructions (attach or reference!)
- ☒ has been satisfactorily tested in accordance with Electricity (Safety) Regulations 2010

☒ is safe to connect

Electronic reference:

www.telerelectrical.co.uk

Electrical Worker's Signature:

Date:

1. If it is impossible to make a copy of a particular certificate or any certified design or supplier declaration of conformity, provide a reference to where the documents can be found, in a readily accessible format, through electronic means.

	Electrical Worker	Inspector
Polarity (independent earth):	☒	
Insulation resistance:	<u>720 MΩ</u>	<u>100 MΩ</u>
Earth continuity:	<u>0.01 Ω</u>	<u>1 Ω</u>
Bonding:	<u>0.02 Ω</u>	<u>2 Ω</u>
Other (specify):		

I certify that the installation, or part of the installation, to which the Electrical Safety Certificate applies is connected to a power supply and is safe to use

Name: Julian Gabbihai

Registration/Practising Licence Number: E18975

Signature:

Date: 5/5/18

(If neither is different from electrical worker)

Compaction Certificate

Site Address 6 Denton St Amberley
Client Name Meehan & Lamplough
Building Consent Number 170328
Builder/Contractor Name B Taylor Builders Ltd
Address 1/297 Mound Rd RD2 Amberley
Phone Number 027 576 2989
LBP Number _____

This is to confirm that on the (date) 18/01/18, I/we have placed and compacted AP40 or _____ in layers not exceeding 150mm per layer for the floor slab and finished with 25mm sand blinding on top.

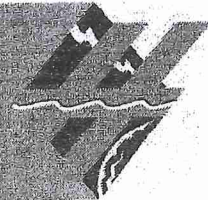
I can confirm that the compacted hard fill in this foundation has been completed to meet the New Zealand Building Standards 3604.


Signed

Ben Taylor
Name

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
 Phone 03 314-8816 | Fax 03 314-9181 | Email info@hurunui.govt.nz
 Web hurunui.govt.nz | facebook.com/HurunuiDistrictCouncil
 Skype hdc_customer_services | twitter.com/hurunuidc



FORM 6 CODE COMPLIANCE CERTIFICATE APPLICATION

Section 92, Building Act 2004

APPLICATION

Building Consent No :

170328

Consent issued by Hurunui District Council

THE OWNER	AGENT – APPLICANT	N/A ☐ (leave section blank)
Owner's Name : <i>Meohan, Lampbough</i>	Agent's Name :	
Contact Person : (if owner is not an individual)	Contact Person :	
Mailing Address : <i>6 Denton St Amberley</i>	Mailing or Billing Address	
Postcode : <i>7482</i>	Postcode :	
Street Address or : Registered Office	Street Address or : Registered Office	
Postcode :	Postcode :	
Mobile Phone : <i>0211566504</i>	Mobile Phone :	
Phone :	Phone :	
After Hours Phone :	After Hours Phone :	
Landline number :	Landline number :	
Daytime phone :	Daytime phone :	
Fax number :	Fax number :	
E-mail Address : <i>justin.lampbough@hotmail.com</i>	E-mail Address :	
Website :	Website :	

Note – The Agent (if appointed) will be the first point of contact for communications with the Council / Building Consent Authority regarding this application / building work and will receive all correspondence including all invoices

The Code Compliance certificate should be sent to : ☒ Owner ☐ Agent

All building work carried out under the above Building Consent was completed on - Date :

1/06/18

The following evidence of ownership is attached to this application : ☐ Certificate of Title
☐ Sale and Purchase Agreement (only if new purchase)

SIGNATURE

I request that the Hurunui District Council Building Consent Authority issue a Code Compliance Certificate for this work (under section 95 of the Building Act 2004)

Signature of owner / or agent on behalf of and with the authority of the owner :

☐ Owner

☒ Agent

Date :

18/06/18

Note : If acting "for and on behalf", please read the following declaration before signing :

"I hereby declare that I am authorised to act as Agent of the Owner"

THE PERSONNEL WHO CARRIED OUT WORK OTHER THAN RESTRICTED BUILDING WORK	
Name of Builder : Ben Taylor	Phone Number : 027 567 2989
Postal Address : 297 Mound Rd R02 Amberley	Registration Number : 438 131 021
E-mail Address : ben@btaylorbuilders.co.nz	Phone Number : 021 334 836
Name of Craftsman Plumber : Graeme Liff	Registration Number : 04198
Postal Address : c/o 297 Mound Rd R02 Amberley	Phone Number :
E-mail Address : graeme15@slingshot.co.nz	Registration Number :
Name of Craftsman Gasfitter :	Phone Number :
Postal Address :	Registration Number :
E-Mail Address :	Phone Number :
Name of Registered Drain-layer : Raika Drainage	Registration Number : 18659
Postal Address : 163 Easterbrook Rd R01 Kaiapoi	Phone Number : 021 221 0032
E-mail Address : raikadrainage@gmail.co.nz	Registration Number :
Name of Electrician : Julien Gabbitas	Phone Number : 021 466 587
Postal Address : c/o 297 Mound Rd R02 Amberley	Registration Number : E18915
E-mail Address : ateamelectrical@undashive.com	Phone Number :
Name of solid / liquid fuel burner installer :	Registration Number :
Postal Address :	Phone Number :
E-mail Address :	Registration Number :
Name of other Contractor / Tradesperson :	Phone Number :
Postal Address :	Registration Number :
E-mail Address :	
Add any additional persons on another (separate) sheet.	
ATTACHMENTS	
The following supporting documents are attached to this application : ☐ Certificates / other documents from the personnel who carried out the work ☐ Certificates that relate to the energy work ☐ Evidence that Specified Systems are capable of performing to the performance standards set out in the building consent ☐ Memoranda from Licensed Building Practitioner(s) stating what Restricted Building Work they carried out or supervised	

Notes by applicant: (Other notes or comments which you as the applicant may wish to add)

RESTRICTED BUILDING WORK

Did the Building Consent work include any restricted building work ☐ Yes ☒ No
 If yes, provide the following details of all licensed building practitioners who were involved in the carrying out or supervising the restricted building work

Restricted Building Work	Name and address	Licensed Building Practitioner's name and address	Does the Building Consent include any restricted building work?
Foundations	Ben Taylor 297 Mound Rd Amberley	BP131021	Carried out
Carpentry	Ben Taylor 297 Mound Rd Amberley	131021	Carried out
Exterior Plasterer			
Brick-layer	David Brown 213 Hurstley Tce Amberley	116119	Carried out
Block-layer			
Roofer	Mark James Roofing 2/297 Mound Rd Rd Amberley	105507	Carried out

SPECIFIED SYSTEMS

Are there specified systems associate with this project? ☐ Yes (as listed below) ☒ No

The following specified systems are contained on the compliance schedule for the building and, in the opinion of the personnel who installed them, are capable of performing to the performance standards set out in the building consent.

- | | |
|--|---|
| SS1 Automatic systems for fire suppression | SS11 Laboratory fume cupboards |
| SS2 Emergency warning systems | SS12/1 Audio loops |
| SS3/1 Automatic doors | SS12/2 FM radio and infrared beam transmission systems |
| SS3/2 Access controlled doors | SS13/1 Mechanical smoke control |
| SS3/3 Interfaced fire or smoke doors and / or windows | SS13/2 Natural smoke control |
| SS4 Emergency lighting systems | SS13/3 Smoke curtains |
| SS5 Escape route pressurisation systems | SS14/1 Emergency power systems |
| SS6 Riser Mains | SS14/2 Sign44s for SS1-13 |
| SS7 Automatic back flow preventers | SS15/1 Spoken information intended to facilitate evacuation |
| SS8/1 Passenger carrying lifts | SS15/2 Final exits |
| SS8/2 Service lifts | SS15/3 Fire separations |
| SS8/3 Escalator and moving walks | SS15/4 Signs for facilitating evacuation |
| SS9 Mechanical ventilation or air conditioning systems | SS15/5 Smoke separations |
| SS10 Building maintenance units | SS16 Cable cars |

Additional Information to Note

1. A final inspection must have been completed prior to this application being sought.
2. The Code Compliance Certificate will be based on the approved building consent documents, so any variations to the original approved plans are required to be documented and approved prior to the work being carried out.
3. A Code Compliance Certificate will not be issued until all of the information required on this form that is relevant to the job is provided to the Council. This includes all names, certificates from personnel who carried out the work, registration numbers, producer statements, or any other required documents.

GoGet Inspection Audit Report

Consent No: **170328**
 Applicant: **K & J Meehan and Lamplough**
 Site Address: **6 Denton Street, Amberley**
 Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Final - Residential**
 Inspection Outcome: **Pass**
 Inspected By: **John Arthur**
 Inspection Date: **1 June 2018 1:42 p.m.**
 Duration: **60 minutes**

Inspection Element	Status
General	Pass
Inspection carried out Yes.	Pass
Exterior	Pass
FFL above GL Good - sufficient	Pass
FFL above paving Good - sufficient - OK	Pass
Cladding clearances Good - sufficient for cladding types - OK	Pass
Flashings correct All as designed - OK	Pass
Penetrations sealed YES - silicone sealed - OK	Pass
Access level height Compliant steps & landings - OK	Pass
Non-slip access Broomed/floated concrete	Pass
Stair/step access, tread/riser/pitch, head clearance	N/A
Handrails/barriers	N/A
Roof fixed sufficiently Appear adequate	Pass
Roof penetrations Boot flashing(s)	Pass
Snow straps/boards	N/A
Vermin proofing Gaps sealed as required - OK	Pass
Effluent field/tank	N/A
S/W discharge location From DP's through drains to swale	Pass
S/W sumps/strip drain	N/A
Downpipes clipped YES - 2 x clips each	Pass
ORG clipped	N/A
Gully heights Min 100mm above natural ground	Pass
MV/BV size/location 80mm in place as drawn	Pass
Gas bottle location	N/A
Weep holds sealed (at gas storage)	N/A

Veneer top vented	Pass
YES - Every 3rd perpend clear	
Mechanical vents to exterior	Pass
YES - vented to soffit outlets	
Duct covers installed	Pass
YES - exterior grilles in place	
Soffit lines sealed	Pass
YES - sealant to all joinery heads - OK	
Solar panel fitting	N/A
Fire fighting water provided as per consent documents	N/A
Photo Record	Pass
YES - All relevant photos taken	
Interior	Pass
Wet areas sealed	Pass
Yes	
Safety glass installed	Pass
In place where required	
Window restraints	N/A
Aluminium joinery ID	Pass
Labels fitted - H zoned	
Ventilation/Light	Pass
Natural - sufficient glazing & openings	
Smoke dectectors	Pass
In place where required, tested	
Impervious flooring	Pass
In place where required	
Stair/step access, tread/riser/pitch, head clearance	N/A
Handrails/barriers	N/A
Gas hob protection	N/A
Means of heating	Pass
Heat pump(s)	
Heating unit	N/A
Plumbing	Pass
HWC - type/size	Pass
>300 <=400L mains pressure	
Safe tray installed to HW cylinder	Pass
Seismic restraints	Pass
3 x steel straps securely fixed - OK	
Mains valves fitted	Pass
All in place as required	
Temp valve and temp	Pass
In correct place, OK - temp tested @ 52°C	
Open vent fitted	N/A
Header tank/safe tray	N/A
Fixtures sealed/connected/vented	Pass
All connected, all sealed to walls, AAV's in place as reqd	
Shower leak test	Pass
Tested - all showers watertight	
Overflow relief	N/A
Water main/isolation valve accessible	Pass
In place, access cover in Garage	
Roof space	Pass
Insulation fitment	Pass
Good cover, tidy, no gaps	

Downlight clearance Covering allowed	Pass
Ducting connected YES - all extract vent ducts connected	Pass
Underlay fitment/laps Fitment & laps OK	Pass
Pipework insulated Yes	Pass
Pipework clipped/supported Yes	Pass
Amendments/Site Instructions	Pass
As-built building aligns with consent plans/documents Yes	Pass
Site instructions signed off Yes	Pass
Support Documentation	
PS3 - Foundation work	Required



Taken at 1:47 PM on Friday 1/06/2018



Taken at 1:48 PM on Friday 1/06/2018



Taken at 1:48 PM on Friday 1/06/2018



Taken at 1:49 PM on Friday 1/06/2018



Taken at 1:50 PM on Friday 1/06/2018



Taken at 1:50 PM on Friday 1/06/2018



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Final - Residential**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **1 June 2018**

Passed Items

General

Inspection carried out **Yes.**

Exterior

FFL above GL	Good - sufficient
FFL above paving	Good - sufficient - OK
Cladding clearances	Good - sufficient for cladding types - OK
Flashings correct	All as designed - OK
Penetrations sealed	YES - silicone sealed - OK
Access level height	Compliant steps & landings - OK
Non-slip access	Broomed/floated concrete
Roof fixed sufficiently	Appear adequate
Roof penetrations	Boot flashing(s)
Vermin proofing	Gaps sealed as required - OK
S/W discharge location	From DP's through drains to swale
Downpipes clipped	YES - 2 x clips each
Gully heights	Min 100mm above natural ground
MV/BV size/location	80mm in place as drawn
Veneer top vented	YES - Every 3rd perpend clear
Mechanical vents to exterior	YES - vented to soffit outlets
Duct covers installed	YES - exterior grilles in place
Soffit lines sealed	YES - sealant to all joinery heads - OK
Photo Record	YES - All relevant photos taken

Interior

Wet areas sealed	Yes
Safety glass installed	In place where required
Aluminium joinery ID	Labels fitted - H zoned
Ventilation/Light	Natural - sufficient glazing & openings
Smoke detectors	In place where required, tested
Impervious flooring	In place where required

Means of heating	Heat pump(s)
Plumbing	
HWC - type/size	>300 <=400L mains pressure
Safe tray installed to HW cylinder	
Seismic restraints	3 x steel straps securely fixed - OK
Mains valves fitted	All in place as required
Temp valve and temp	In correct place, OK - temp tested @ 52°C
Fixtures sealed/connected/vented	All connected, all sealed to walls, AAV's in place as reqd
Shower leak test	Tested - all showers watertight
Water main/isolation valve accessible	In place, access cover in Garage
Roof space	
Insulation fitment	Good cover, tidy, no gaps
Downlight clearance	Covering allowed
Ducting connected	YES - all extract vent ducts connected
Underlay fitment/laps	Fitment & laps OK
Pipework insulated	Yes
Pipework clipped/supported	Yes
Amendments/Site Instructions	
As-built building aligns with consent plans/documents	Yes
Site instructions signed off	Yes
Support Documentation	Status
As-built drainage plan	Accepted
Application for CCC	Required
Electrical safety certificate	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 - Foundation work	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required
Licensed Building Practitioners	Status
Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required



Hurunui District Council
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SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Cladding - Mid Cladding**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **24 April 2018**

Passed Items

General

Inspection carried out

Garage gable only

Cladding System

Cavity Batten size

Nom. 40 x 19mm vert. timber (50 x 20)

Cavity Batten spacing

600mm centres

Cavity Batten treatment

H3.1 timber

Vermin proofing

PVC vent strip in place

Head flashings

Most joinery to soffit; folded alum. w/stop-ends to other

Inspection Type: **Half-Height Masonry**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **24 April 2018**

Passed Items

Half-Height Veneer

Veneer siting on foundations

Slight overhang

Foundation has been solid plastered to support brick work

Inspection Type: **Pre-Stop**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **24 April 2018**

Passed Items

General

Inspection carried out

Pre stop inspection carried out ok to stop

Bracing

Locations

D3 completed

Support Documentation

	Status
As-built drainage plan	Accepted
Application for CCC	Required
Electrical safety certificate	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

	Status
Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Stop**

Inspection Outcome: **Pass**

Inspected By: **John Arthur**

Inspection Date: **24 April 2018 12:16 p.m.**

Duration: **15 minutes**

Inspection Element

Status

General

Pass

Inspection carried out

Pass

Pre stop inspection carried out ok to stop

Bracing

Pass

Locations

Pass

D3 completed

All as drawn

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Cladding - Mid Cladding**

Inspection Outcome: **Pass**

Inspected By: **John Arthur**

Inspection Date: **24 April 2018 12:17 p.m.**

Duration: **30 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Garage gable only	
Cladding System	Pass
Cavity Batten size	Pass
Nom. 40 x 19mm vert. timber (50 x 20)	
Cavity Batten spacing	Pass
600mm centres	
Cavity Batten treatment	Pass
H3.1 timber	
Vermin proofing	Pass
PVC vent strip in place	
Head flashings	Pass
Most joinery to soffit; folded alum. w/stop-ends to other	
Sill flashings	N/A
Jamb flashings	N/A
WANZ bars fitted	N/A
Photos taken	N/A

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Half-Height Masonry**

Inspection Outcome: **Pass**

Inspected By: **John Arthur**

Inspection Date: **24 April 2018 12:09 p.m.**

Duration: **15 minutes**

Inspection Element	Status
Half-Height Veneer	Pass
Veneer siting on foundations	Pass
Slight overhang	
Foundation has been solid plastered to support brick work	



Hurunui District Council
66 Carters Road
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SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Stop**
Inspection Outcome: **Pass Non Compliance**
Inspected By: **Mark Milnes**
Inspection Date: **17 April 2018**

Pass Non-Compliance

General

Inspection carried out

Pre stop inspection carried out ok to stop

Bracing

Locations

D3 to be completed - provide photo (GS2)

Passed Items

Bracing

Types

All GIB systems - as drawn

Edge Nailing

Wall bracing fixings

Holes in elements

All OK

Materials

Wet Areas

ensuite & bathroom - GIB "Aqualine"® board 10mm - walls

Wet Area Ceilings

13mm aqua gib - as drawn

Other Walls

10mm gib - as drawn

Other Ceilings

13mm standard gib - as drawn

Support Documentation

Status

As-built drainage plan

Accepted

Application for CCC

Required

Electrical safety certificate

Required

Plumbers pressure test declaration

Required

Design statement (truss manufacturer)

Required

Design statement (frame manufacturer)

Required

Engineer ground bearing report

Required

PS3 (Specify)

Required

For joint test to sewer pipes

Under-slab hardfill compaction certificate

Required

Licensed Building Practitioners

Status

Carpentry

Required

17 April 2018

FORM 625: KEEP ON SITE FOR RECHECK

Page 1 of 2

Foundations
Bricklaying and Blocklaying
Roofing

Required
Required
Required

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Stop**
Inspection Outcome: **Pass Non Compliance**
Inspected By: **Mark Milnes**
Inspection Date: **17 April 2018 3:29 p.m.**
Duration: **15 minutes**

Inspection Element	Status
General	Pass Non Compliance
Inspection carried out	Pass Non Compliance
Pre stop inspection carried out ok to stop	
Bracing	Pass Non Compliance
Locations	Pass Non Compliance
D3 to be completed - provide photo (GS2)	
Types	Pass
All GIB systems - as drawn	
Ceiling Diaphragms	N/A
Edge Nailing	Pass
Wall bracing fixings	
Holes in elements	Pass
All OK	
Materials	Pass
Wet Areas	Pass
ensuite & bathroom - GIB "Aqualine"® board 10mm - walls	
Wet Area Ceilings	Pass
13mm aqua gib - as drawn	
Other Walls	Pass
10mm gib - as drawn	
Other Ceilings	Pass
13mm standard gib - as drawn	
Fire Walls	N/A



living side of GS2 to complete
Taken at 3:29 PM on Tuesday 17/04/2018



Hurunui District Council
66 Carters Road
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SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Stop**
Inspection Outcome: **Fail**
Inspected By: **John Arthur**
Inspection Date: **17 April 2018**

Failed Items

General

Inspection carried out

Not ready-not notified

Support Documentation

Status

As-built drainage plan	Accepted
Application for CCC	Required
Electrical safety certificate	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Status

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Stop**

Inspection Outcome: **Fail**

Inspected By: **John Arthur**

Inspection Date: **17 April 2018 8:14 a.m.**

Duration: **15 minutes**

Inspection Element

Status

General

Fail

Inspection carried out

Fail

Not ready-not notified

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Line**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **10 April 2018 8:26 a.m.**
Duration: **45 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Framing	Pass
Framing Moisture	Pass
<10%	
<14%	
Ceiling Batten Material	Pass
Pinus timber	
Ceiling Batten Size	Pass
70 x 35mm	
Ceiling Batten Centres	Pass
600mm	
Ceiling Batten Moisture	Pass
<12%	
<14%	
Bracing location and type	Pass
Previously checked	
Bracing clear of wet areas	Pass
Bracing fixings/connections	Pass
Previously checked	
Brace openings	Pass
All OK	
Dragon ties	N/A
Diaphragms	N/A
Other	Pass
Fire Walls	N/A
Safety Glazing	Pass
In place - as drawn & required - OK	
Window/joinery Rating	Pass
Joinery displays correct ID rating for site wind speed	
Internal Ventilation	Pass
Natural - opening windows & doors	
Metal angle to showers	N/A
Insulation Material	Pass
Pink Batts®	
R Value Walls	Pass
R2.6 - as designed	
R Value Ceilings	Pass
R3.6 - as designed	

Insulation Placement	Pass
Good - tidy	
Stair Head Clearance (2m min)	N/A
Opening Air Seals	Pass
Good, tidy	
Water Services	Pass
Pipework	Pass
Polybutylene to holt & cold	
Jointing	Pass
Brass, crimped	
Support/Clipping	Pass
Good - secure - OK	
Lagging	Pass
Inside insulation & lagged outside	
Shut Off Valve	Pass
In place, as required (in Garage)	
Pressure Test	Pass
Equipotential Bonding in place	N/A
Waste Services	Pass
Pipework	Pass
PVC	
Sizes	Pass
All as drawn	
Support	Pass
Gradients	Pass
All in slab - prev. inspected - appear OK	
Internal AAV's (hidden)	N/A



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SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Line**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **10 April 2018**

Passed Items

General

Inspection carried out

Framing

Framing Moisture	<10%
	<14%
Ceiling Batten Material	Pinus timber
Ceiling Batten Size	70 x 35mm
Ceiling Batten Centres	600mm
Ceiling Batten Moisture	<12%
	<14%
Bracing location and type	Previously checked
Bracing clear of wet areas	
Bracing fixings/connections	Previously checked
Brace openings	All OK

Other

Safety Glazing	In place - as drawn & required - OK
Window/joinery Rating	Joinery displays correct ID rating for site wind speed
Internal Ventilation	Natural - opening windows & doors
Insulation Material	Pink Batts®
R Value Walls	R2.6 - as designed
R Value Ceilings	R3.6 - as designed
Insulation Placement	Good - tidy
Opening Air Seals	Good, tidy

Water Services

Pipework	Polybutylene to holt & cold
Jointing	Brass, crimped
Support/Clipping	Good - secure - OK
Lagging	Inside insulation & lagged outside

Shut Off Valve	In place, as required (in Garage)
Pressure Test	
Waste Services	
Pipework	PVC
Sizes	All as drawn
Support	
Gradients	All in slab - prev. inspected - appear OK

Support Documentation

As-built drainage plan	Accepted
Application for CCC	Required
Electrical safety certificate	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required



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SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Half-Height Masonry**
Inspection Outcome: **Fail**
Inspected By: **Robbie Brannen**
Inspection Date: **26 March 2018**

Failed Items

Half-Height Veneer

Veneer siting on foundations

>20mm overhang - rectification reqd to be solid plastered.

Passed Items

General

Inspection carried out

**Inspection carried out
Previous site notices reviewed**

Half-Height Veneer

Cavity Width

>40mm less than or equal to 50mm - OK

Cavity clear

Yes

Cavity closed soffit

Brick tie spacing

600mm centres horiz. generally; Every 3rd course & every course @ openings - OK

Brick type

70 series hollow clay

Cover to window and door joinery

>20mm

Mortar widths

8 - 10mm

Weep holes/perpend

Every 3rd perpend

Penetrations

Lintel material (galv/S/S)

Galvanised steel as designed

Flashing and support

Vermin proofing

Drainage gap as required

Sill flashings

DPC on kick-out as drawn

Jamb flashings

DPC dressed into alum. jamb

WANZ bars fitted

Fitted to every window & door

Support Documentation

Status

As-built drainage plan

Accepted

Application for CCC

Required

Electrical safety certificate

Required

Plumbers pressure test declaration

Required

26 March 2018

FORM 625: KEEP ON SITE FOR RECHECK

Page 1 of 2

Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Status

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Half-Height Masonry**
Inspection Outcome: **Fail**
Inspected By: **Robbie Brannen**
Inspection Date: **26 March 2018 10:29 a.m.**
Duration: **30 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Inspection carried out	
Previous site notices reviewed	
Half-Height Veneer	Fail
Cavity Width	Pass
>40mm less than or equal to 50mm - OK	
Cavity clear	Pass
Yes	
Cavity closed soffit	Pass
Brick tie spacing	Pass
600mm centres horiz. generally; Every 3rd course & every course @ openings - OK	
Brick type	Pass
70 series hollow clay	
Veneer siting on foundations	Fail
>20mm overhang - rectification reqd to be solid plastered.	
Cover to window and door joinery	Pass
>20mm	
Mortar widths	Pass
8 - 10mm	
Weep holes/perpend	Pass
Every 3rd perpend	
Penetrations	Pass
Lintel material (galv/S/S)	Pass
Galvanised steel as designed	
Lintel fixing	N/A
Flashing and support	Pass
Vermin proofing	Pass
Drainage gap as required	
Head flashings	N/A
Sill flashings	Pass
DPC on kick-out as drawn	
Jamb flashings	Pass
DPC dressed into alum. jamb	
WANZ bars fitted	Pass
Fitted to every window & door	



Taken at 10:28 AM on Monday 26/03/2018



Taken at 10:29 AM on Monday 26/03/2018



Taken at 10:29 AM on Monday 26/03/2018

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Half-Height Masonry**

Inspection Outcome: **Fail**

Inspected By: **Robbie Brannen**

Inspection Date: **23 March 2018 9:21 a.m.**

Duration: **15 minutes**

Inspection Element

Status

General

Fail

Inspection carried out

Fail

Not ready

Bricks up on south wall only to half high

Spoke to bricklayer on site to rebook inspection



Hurunui District Council
66 Carters Road
PO Box 13
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Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Half-Height Masonry**
Inspection Outcome: **Fail**
Inspected By: **Robbie Brannen**
Inspection Date: **23 March 2018**

Failed Items

General

Inspection carried out

Not ready

Bricks up on south wall only to half high

Spoke to bricklayer on site to rebook inspection

Support Documentation

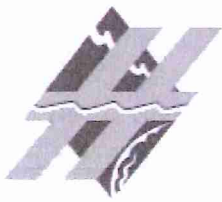
Status

As-built drainage plan	Accepted
Application for CCC	Required
Electrical safety certificate	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Status

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required



HURUNUI DISTRICT COUNCIL

Application form for

DISTRICT ON DEMAND WATER SUPPLY

Appl. No. WS18033

BC No. BC170328

Pty File No. 1802/6

Val. Roll No. 2143015188

I, Kathleen Meehan & Justin Carpbugh (name of owner)
of 6/143 Salisbury St, Christchurch (postal address)

hereby make an application for connection to the: AMBERLEY CULVERDEN
HANMER SPRINGS HAWARDEN LEITHFIELD BEACH WAIKARI
WAIKARI On - Demand Water Supply. (circle the one that applies)

Address of Property 6 Denton Street, Amberley

Legal Description Lot 89 DP 485034

Contact Phone Number BUS 355 9333 (work) AH 021 026 430 65

Email Kathleenmeehan@gmail.com

I hereby submit the connection fee (including GST) of:

\$660.00 for a domestic connection (20mm)

The connection fee includes a \$160.00 modelling fee and provides for a pipe installation from the main line to the property a distance of up to 4 metres, a toby box, valve and water meter and foot path reinstatement if required. Council advises applicants to install a gate valve on their side of the meter. A Works Order Form will be required with this application if Council staff is required to install additional water lines for distances over 4 metres. These lines may however be installed by the applicant using Council approved pipe & fittings.

NB: if the lateral to which this application applies is not within private property and excavation of the Road Reserve is required then a CAR (Corridor Access Request) request along with a traffic management plan must be applied for through a Beforeudig application.

Applicants Signature [Signature] Date 11-7-17

For Office Use:

Receipt Number	<u>Internet banking</u>	Date	<u>1/11/2017</u>
Invoice Number	<u>25297</u>	Date	<u>3/8/2017</u>
Connection made by	<u>Rick Fyfe</u>	Date	<u>6-3-18</u>
Meter Number	<u>17MC241093</u>	Meter Type	<u>SENSUS</u>
Meter Location	<u>North East Bdy</u>	<u>left side of Drive</u>	
Meter Reading	<u>00000, 215</u>	No. of digits	<u>8</u>
Rated by		Date	
Drawn on Plans by	<u>Cynthia</u>	Date	<u>6/3/2018</u>

Water bill acc.

143015188 created 6/3/18

G:\Office\ENG\Utilities\EA0\Standard Forms\New Township Water Forms\2016-2017

Updated 01 July 2016

Rates
9.150 0.50 to 1.00
13/3/18



17 MC 241093



Raika

DRAINAGE

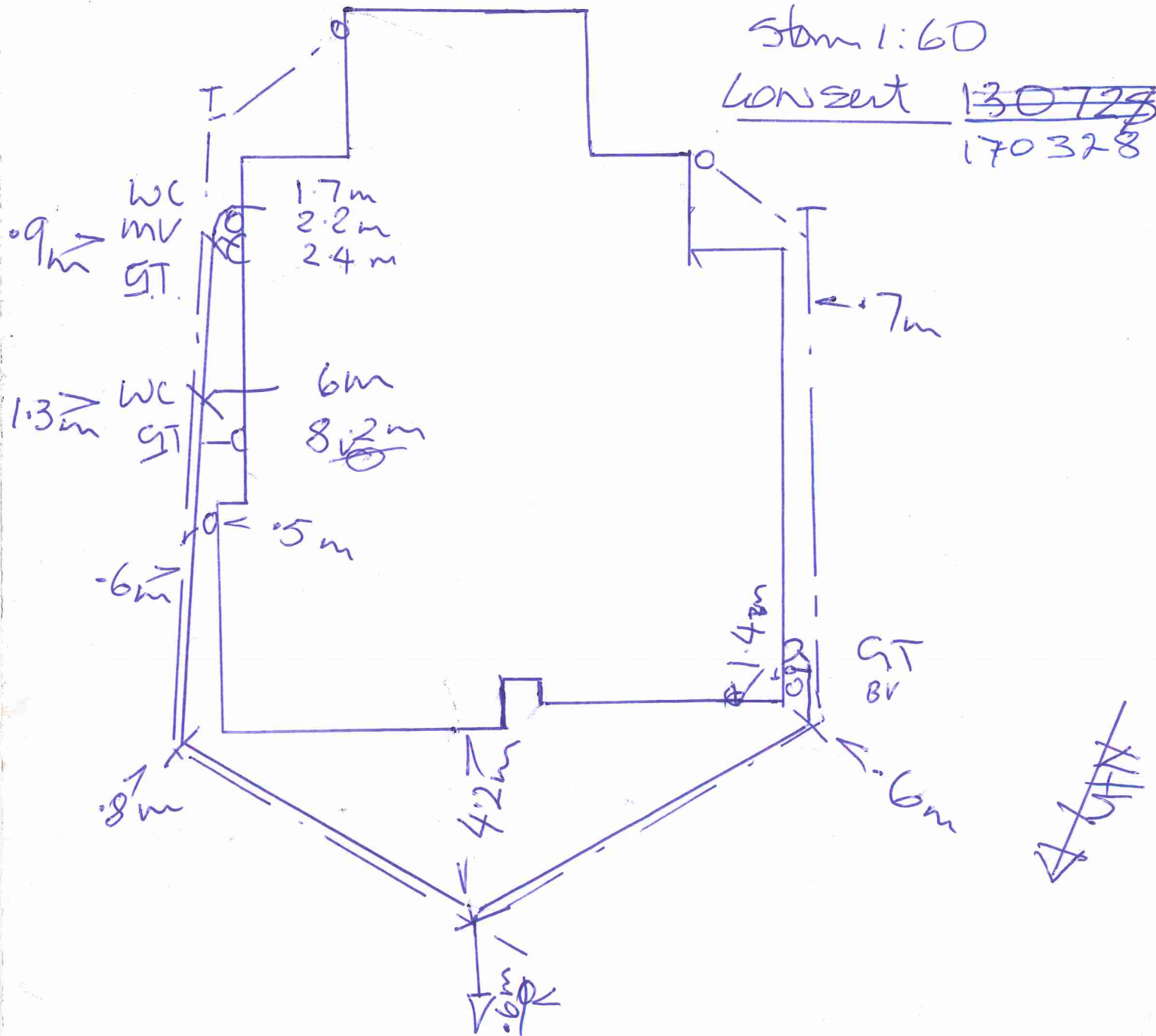
raikadrainage@gmail.com

0212210032

Sew 1:60

Stm 1:60

Consent ~~130729~~
170328



6 Dentrow St.



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Cladding - Wrap**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **9 March 2018**

Passed Items

General

Inspection carried out

Wrap/tape

Wrap/Barrier type	Dristud
Wrap/Barrier fixing	Good - well fixed with blue banding
Wrap overhang to founds	
Sill tape type	Dristud
Roof Underlay	Thermakraft 215 bituminous self supporting

Flashings

Flashing tape sill fixing	Full length as per manuf. specs
Flashing tape head fixing	Fitted at corners as per manuf. specs
Flashing tape jamb fixing	

Support Documentation

	Status
Application for CCC	Required
Electrical safety certificate	Required
As-built drainage plan	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

	Status
Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Cladding - Wrap**

Inspection Outcome: **Pass**

Inspected By: **John Arthur**

Inspection Date: **9 March 2018 10:11 a.m.**

Duration: **45 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Wrap/tape	Pass
Wrap/Barrier type	Pass
Dristud	
Wrap/Barrier fixing	Pass
Good - well fixed with blue banding	
Wrap overhang to founds	Pass
Sill tape type	Pass
Dristud	
Roof Underlay	Pass
Thermakraft 215 bituminous self supporting	
Netting support	N/A
Flashings	Pass
Flashing tape sill fixing	Pass
Full length as per manuf. specs	
Flashing tape head fixing	Pass
Fitted at corners as per manuf. specs	
Flashing tape jamb fixing	Pass
Wrap Penetrations	N/A
Meter box flashing	N/A
Direct Fix cladding requirements met (sill and jamb blocks)	N/A
Thermal Barrier	N/A



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Drains**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **5 March 2018**

Passed Items

General

Inspection carried out

Drainlayer details

Drainlayer registration number

Raika Drainage
Emmanual Raika
Rego No-18659

Sewerage

Drain Material

PVC

Gradients

>1 in 60

Inspection Points

In place where required

Bedding Material

20mm chip

Cover

>375mm

Lateral Connection

Connection with IA in place

Joint Test

Sighted

Main Vent size/location

100mm stub-up(s) in place as drawn

Branch Vent size/location

100mm stub-up(s) in place as drawn

Stormwater

Drain Material

PVC

Gradients

>1 in 60

Inspection Points

In place where required

Bedding Material

20mm chip

Cover

>375mm

Lateral Connection

Storm water to on-site overland out-flow at swale

Gutter Sizes and Overflows

Standard external box/quad as drawn

Downpipe Positions

All sufficient sizes

Support Documentation

Status

Application for CCC

Required

Electrical safety certificate

Required

As-built drainage plan

Required

Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
PS3 (Specify)	Required
For joint test to sewer pipes	
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners	Status
Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Drains**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **5 March 2018 7:17 a.m.**
Duration: **45 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Drainlayer details	Pass
Drainlayer registration number	Pass
Raika Drainage	
Emmanuel Raika	
Rego No-18659	
Sewerage	Pass
Drain Material	Pass
PVC	
Gradients	Pass
>1 in 60	
Inspection Points	Pass
In place where required	
Bedding Material	Pass
20mm chip	
Cover	Pass
>375mm	
Lateral Connection	Pass
Connection with IA in place	
Joint Test	Pass
Sighted	
Main Vent size/location	Pass
100mm stub-up(s) in place as drawn	
Branch Vent size/location	Pass
100mm stub-up(s) in place as drawn	
Septic Tank Type	N/A
Septic Tank Location	N/A
ECAN Effluent approved	N/A
Effluent Location	N/A
Effluent Type	N/A
Stormwater	Pass
Drain Material	Pass
PVC	
Gradients	Pass
>1 in 60	
Inspection Points	Pass
In place where required	
Bedding Material	Pass
20mm chip	
Cover	Pass

>375mm

Lateral Connection	Pass
--------------------	------

Storm water to on-site overland out-flow at swale

Soak Pit sizes	N/A
----------------	-----

Soak Pit filter cloth	N/A
-----------------------	-----

Soak Pit Locations	N/A
--------------------	-----

Gutter Sizes and Overflows	Pass
----------------------------	------

Standard external box/quad as drawn

Downpipe Positions	Pass
--------------------	------

All sufficient sizes

Deck Drains	N/A
-------------	-----

Internal Deck Overflows	N/A
-------------------------	-----

Internal Deck Overflows	N/A
-------------------------	-----

Bubble-up Sumps	N/A
-----------------	-----

Support Documentation

PS3 (Specify)	Required
---------------	----------

For joint test to sewer pipes



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Foundation - Concrete footings**
Inspection Outcome: **Pass Non Compliance**
Inspected By: **Mark Milnes**
Inspection Date: **5 March 2018**

Pass Non-Compliance

Excavations

Passed Items

Excavations

Level Bottom	Yes - OK.
--------------	-----------

Inspection Type: **Pre-Roof**
Inspection Outcome: **Pass**
Inspected By: **Mark Milnes**
Inspection Date: **5 March 2018**

Passed Items

General

Inspection carried out	Pre wrap inspection carried out previous inspection items now completed ok to fit building wrap.
------------------------	--

Fixings

Trusses - top plate	All as per manuf. specs
---------------------	-------------------------

Lintels	All as per manuf. specs
---------	-------------------------

Bracing and flat roof

Location/type	All bracing to be checked at pre wrap inspection.
---------------	---

Fixing/Connections	All as drawn
--------------------	--------------

Ply nailing	All galv nailed 150mm centres
-------------	-------------------------------

Roof bracing	Steel strap cross bracing as spec
--------------	-----------------------------------

Support Documentation

Support Documentation	Status
Application for CCC	Required
Electrical safety certificate	Required
As-built drainage plan	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required

Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Status

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Roof**

Inspection Outcome: **Pass**

Inspected By: **Mark Milnes**

Inspection Date: **5 March 2018 2:02 p.m.**

Duration: **30 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Pre wrap inspection carried out	
previous inspection items now completed ok to fit building wrap.	
Fixings	Pass
Trusses - top plate	Pass
All as per manuf. specs	
Lintels	Pass
All as per manuf. specs	
Bracing and flat roof	Pass
Location/type	Pass
All bracing to be checked at pre wrap inspection.	
Fixing/Connections	Pass
All as drawn	
Ply nailing	Pass
All galv nailed 150mm centres	
Roof bracing	Pass
Steel strap cross bracing as spec	

GoGet Inspection Audit Report

Consent No: **170328**

Applicant: **K & J Meehan and Lamplough**

Site Address: **6 Denton Street, Amberley**

Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Foundation - Concrete footings**

Inspection Outcome: **Pass Non Compliance**

Inspected By: **Mark Milnes**

Inspection Date: **5 March 2018 1:32 p.m.**

Duration: **15 minutes**

Inspection Element

Excavations

Level Bottom

Yes - OK.

Status

Pass Non Compliance

Pass



HURUNUI DISTRICT COUNCIL

Application form for

DISTRICT ON DEMAND WATER SUPPLY

Appl. No. WS18033

BC No. BC170328

Pty File No. 1802/6

Val. Roll No. 2143015188

I, Kathleen Meehan & Justin Campbell (name of owner)
of 6/143 Salisbury St, Christchurch (postal address)

hereby make an application for connection to the: AMBERLEY CULVERDEN
HANMER SPRINGS HAWARDEN LEITHFIELD BEACH WAIAU WAIKARI
WAIPARA On - Demand Water Supply. (circle the one that applies)

Address of Property... 6 Denton Street, Amberley

Legal Description... Lot 89 DP 485034

Contact Phone Number.BUS. 355 9333 (work) AH. 021 026 430 65

Email Kathleenmeehan@gmail.com

I hereby submit the connection fee (including GST) of:

\$660.00 for a domestic connection (20mm)

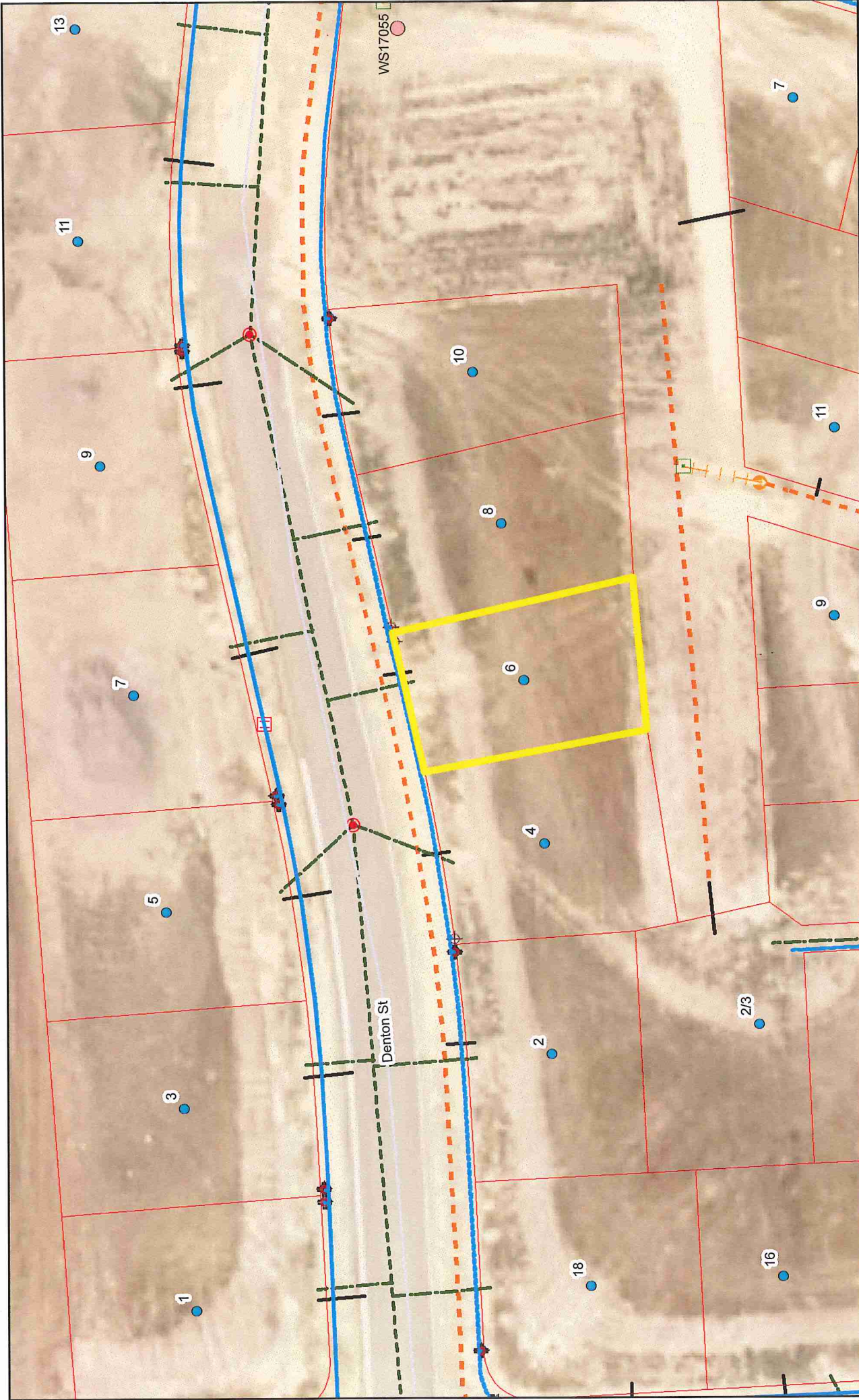
The connection fee includes a \$160.00 modelling fee and provides for a pipe installation from the main line to the property a distance of up to 4 metres, a toby box, valve and water meter and foot path reinstatement if required. Council advises applicants to install a gate valve on their side of the meter. A Works Order Form will be required with this application if Council staff is required to install additional water lines for distances over 4 metres. These lines may however be installed by the applicant using Council approved pipe & fittings.

NB: if the lateral to which this application applies is not within private property and excavation of the Road Reserve is required then a CAR (Corridor Access Request) request along with a traffic management plan must be applied for through a Beforeudig application.

Applicants Signature [Signature] Date 11-7-17

For Office Use:

Receipt Number	<u>Internet banking</u>	Date	<u>1/11/2017</u>
Invoice Number	<u>25297</u>	Date	<u>3/8/2017</u>
Connection made by	<u>Rick Fyfe</u>	Date	
Meter Number		Meter Type	
Meter Location			
Meter Reading		No. of digits	
Rated by		Date	
Drawn on Plans by		Date	



6 Denton Street, Amberley **WS18033 - K Meehan & J Lampbough**

Hurunui District Council does not guarantee that the data in this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequences which may arise from relying on any information depicted. Cadastral and topographic data sourced from LINZ. Crown Copyright Reserved.

Date:	28/02/2018
Scale:	1:629
Print Size:	A4 Landscape
Projection:	NZTM
Produced by:	cxo





HURUNUI DISTRICT COUNCIL

Application form for connection to

DISTRICT SEWERAGE SCHEME

Appl. No. WS18034

BC No. BC170328

Pty File No. 1802/6

Val. Roll No. 2143015188

Kathleen Meehan + Justin Langbough (name of owner)
of 6/143 Salisbury St, Christchurch (postal address)

Make application for connection to the: AMBERLEY AMBERLEY BEACH CHEVIOT GRETA VALLEY
HANMER SPRINGS HAWARDEN LEITHFIELD LEITHFIELD BEACH MOTUNAU BEACH WAIKARI
Sewerage Scheme. (Circle the one that applies)

Address of Property 6 Denton Street, Amberley

Legal Description Lot 89 DP 485034

Contact Phone No. BUS 355 9333 (work) AH 021 026 430 65

Email Address kathleenymeehan@gmail.com

Connection Fee \$100.00 (including GST)

Generally each property has a lateral from the sewer main to the boundary provided it was included in the original scheme. Most subdivisions since that time have also had the property connected to the main sewer line as far as the property boundary. However in the instance where this is not provided or where a different connection point is chosen then the full cost of connection to the sewer main will be met by the applicant. This work will be done by a certified drain layer and will require a Building Consent.

No work is to start on the sewer connection until building consent approval is obtained

NB: If the lateral to which this application applies is not within private property and excavation of the road reserve is required then a CAR (Corridor Access Request) request along with a traffic management plan must be applied for through a Beforeudig application.

Applicants Signature Kathleen Meehan Date 11-7-17

For Office Use:

Receipt Number	<u>Internet banking</u>	Date	<u>1/11/2017</u>
Invoice Number	<u>25297</u>	Date	<u>3/8/2017</u>
Connection made by		Date	
Rated by		Date	
Captured on ARC by		Date	
As-builts to Utilities		Date	
Inspected by		Date	

GoGet Inspection Audit Report

Consent No: **170328**
 Applicant: **K & J Meehan and Lamplough**
 Site Address: **6 Denton Street, Amberley**
 Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Pre-Roof**
 Inspection Outcome: **Fail**
 Inspected By: **Mark Milnes**
 Inspection Date: **19 February 2018 2:53 p.m.**
 Duration: **30 minutes**

Inspection Element	Status
General	Fail
Inspection carried out	Fail
Ok to fit roof cladding on completion of roof strap bracing	
NOTE:	
Next inspection required prior to building wrap being fitted (Pre - Wrap) in order to see lintel fixings.	
Also to inspect	
All bracing hold downs	
Ply bracing fixing	
Truss joist hangers (nets) & internal CPC's	
Framing	Pass
Timber Species	Pass
Pinus Radiata generally.	
Timber Grades	Pass
SG8 generally	
Timber treatments	Pass
H1.2 throughout	
Stud sizes	Pass
90 x 45mm throughout	
Stud spacing	Pass
600mm centres throughout	
DPC bottom plates	Pass
Lintel sizes	Pass
All as per consent	
Beam sizes	N/A
Post sizes	N/A
Truss layout	Pass
Truss support	Pass
Double top plates - good	
Girder truss support	Pass
Support in place as reqd	
Purlin size/spacing	Pass
70 x 45mm SG8 on flat @ 900mm centres	
Tile Batten size/spacing	N/A
Rafters	N/A
Steel beams	N/A
Portal frames	N/A
Fixings	Fail
Bottom Plates	Pass
Pryda cast in straps @ 900mm centres ext. & drive pins @ 600mm centres int	
Top plate - stud	Pass

mitek screw system as per photo.	
Trusses - top plate	Pass Non Compliance
All as per manuf. specs joist hangers and internal wall cpc fixings to complete	
Rafters - top plate	N/A
Purlins/Tile Battens	Pass
1 gun nail & 1 blue screw	
Lintels	Fail
Not yet provided	
Steel angles	N/A
Steel beams	N/A
Portal frames	N/A
Post to foundations	N/A
Post to beams	N/A
Fire wall frames	N/A
Stingers	N/A
Bracing and flat roof	Fail
Location/type	Pass Non Compliance
All bracing to be checked at pre wrap inspection.	
Fixing/Connections	Pass Non Compliance
All bracing hold downs to be checked at pre wrap inspection	
Ply nailing	Fail
Ply bracing not yet fitted	
Roof bracing	Fail
Roof bracing not yet fitted	
Dragon ties	N/A
In place as drawn	
Ply treatment	N/A
Substrate design	N/A
Slopes to gutters and roof edges	N/A
Angle/Fall	N/A
Substrate material	N/A
Substrate fixing	N/A
Substrate support	N/A



mitek approved framing
Taken at 2:09 PM on Monday 19/02/2018



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Pre-Roof**
Inspection Outcome: **Fail**
Inspected By: **Mark Milnes**
Inspection Date: **19 February 2018**

Failed Items

General

Inspection carried out

Ok to fit roof cladding on completion of roof strap bracing

NOTE:

Next inspection required prior to building wrap being fitted (Pre - Wrap) in order to see lintel fixings.

Also to inspect

All bracing hold downs

Ply bracing fixing

Truss joist hangers (nets) & internal CPC's

Fixings

Lintels

Not yet provided

Bracing and flat roof

Ply nailing

Ply bracing not yet fitted

Roof bracing

Roof bracing not yet fitted

Pass Non-Compliance

Fixings

Trusses - top plate

All as per manuf. specs joist hangers and internal wall cpc fixings to complete

Bracing and flat roof

Location/type

All bracing to be checked at pre wrap inspection.

Fixing/Connections

All bracing hold downs to be checked at pre wrap inspection

Passed Items

Framing

Timber Species

Pinus Radiata generally.

Timber Grades

SG8 generally

Timber treatments

H1.2 throughout

Stud sizes

90 x 45mm throughout

Stud spacing

600mm centres throughout

DPC bottom plates

Lintel sizes	All as per consent
Truss layout	
Truss support	Double top plates - good
Girder truss support	Support in place as reqd
Purlin size/spacing	70 x 45mm SG8 on flat @ 900mm centres
Fixings	
Bottom Plates	Pryda cast in straps @ 900mm centres ext. & drive pins @ 600mm centres int
Top plate - stud	mitek screw system as per photo.
Purlins/Tile Battens	1 gun nail & 1 blue screw

Support Documentation

	Status
Application for CCC	Required
Electrical safety certificate	Required
As-built drainage plan	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

	Status
Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

Detailed Activity Report

Report Period : All Dates

Date	Employee	Customer	Project Number	Project Name	Activity	Non Billable Hrs	Billable Hrs	Invoiced
21/11/2017								
	Kent, Hayden	All Customers	BC170328	6 Denton Street		0.0000	0.5000	N
			Description:	Formation inspection / Approve				
			Total for Employee			0.0000	0.5000	
Total for Day						0.0000	0.5000	
11/01/2018								
	Kent, Hayden	All Customers	BC170328	6 Denton Street		0.0000	0.2500	N
			Description:	Corro HDC re crossing inspection.				
			Total for Employee			0.0000	0.2500	
Total for Day						0.0000	0.2500	
Report Total						0.0000	0.7500	



Manufacturing Statement

This statement, supplied to the Carters customer listed below, has been provided to assist a Building Consent Authority in determining compliance with the NZ Building Code and is issued subject to Carters Standard Terms and Conditions of Sale. (available at www.carters.co.nz)

25-January-2018

MURCHISON HOMES LIMITED

6 DENTON STREET, AMBERLEY

RG1253780M1 (Mitek Job Ref: 253780M1)

Roof Trusses

Roof trusses supplied by Carters to the above project have been manufactured as per any Producer Statement Design issued by MiTek for consent purposes on the above project using verified timber grades that meet the requirements of NZS3603 and NZS3622. Any laminated veneer lumber that has been supplied as part of a roof truss meets the requirements of AS/NZS4357 and NZS3603. Carters is a licensed MiTek fabricator.

Pre Nailed Wall Frames

Pre-nailed Wall frames supplied by Carters to the above project have been manufactured using verified timber grades, where required, that meet the requirements of NZS3603 and NZS3622. Any Laminated veneer lumber lintels that have been supplied as part of a pre-nailed wall frame meet the requirements of AS/NZS4357 and NZS3603.

Timber Treatment

All treated timber and engineered wood products used in any items manufactured by Carters in the above project, are not less than the minimum levels specified in the plans, specifications and information supplied by the customer.

NZ Standards

NZ Standards listed in this statement are cited as acceptable solutions in the approved documents NZBC B1/AS1 Structure or B2/AS1 Durability as a means of complying with the NZ Building Code.

A handwritten signature in blue ink, appearing to read "John Bannon".

John Bannon

MANUFACTURING MANAGER

CHRISTCHURCH



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 4.7.184.0

Printed: 14:37:15 25 Jan 2018

PRODUCER STATEMENT for MiTek 20/20[®] TRUSS DESIGN - Version 4.7

ISSUED BY: **MiTek New Zealand Limited**

TO: **CARTERS**

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 **253780M1** 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 Clauses B1 and B2 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
- vi) Timber is graded to the requirements of NZS 3603:1993
- vii) Minimum timber treatment for these MiTek[®] trusses shall be in accordance with B2/AS1 Table 1A and the relevant sections of NZS 3602:2003

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: Thursday, 25 January 2018

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

Job:	253780M1	Client:	Murchison Homes Ltd	Site:	Justin and Kathleen 6 Denton Street Oakfields Amberley
Description:	Justin and Kathleen	Phone:			
Building Consent No.:					
MiTek 20/20 Engineering 4.7.184.0			MiTek New Zealand Limited	Phone:	Printed: 14:37:15 25 Jan 2018

MITEK FABRICATOR DESIGN STATEMENT

This statement is issued by MiTek accredited fabricator **CARTERS**, being licensed to use the MiTek 20/20® software, to the client listed above and may be used by the Building Consent Authority to assist in determining compliance with the New Zealand Building Code.

MiTek 20/20® TRUSS DESIGN DATA

The MiTek 20/20® computer design for this job is based on the following design parameters entered into the program. The Fabricator shall ensure that these job details are current and relevant to the project for the design of the MiTek® trusses.

Job Details			Importance Level :	2	Design Working Life :	50 years
Roof Truss						
Timber Group:	MSG8 DDP H1.2	Pitch:	25.000 deg	Nominal Overhang:	600 mm	
Roof			Ceiling	Wind		
Material:	Galv Iron .5mm	Material:	Gib 10mm/Timber Battens	Area:	High (44.0 m/s)	
Dead Load:	0.210 kPa	Dead Load:	0.200 kPa	Pressure Coeff:	Cpe = varies; Cpi = -0.30, 0.20	
Restraints:	900 mm centres	Restraints:	400 mm centres	Snow		
Live Load:	Qur = 0.250 kPa	Live Load:	Qc = 1.400 kN	Location:	Christchurch (N4) at 100 m	
	Qc = 1.100 kN			Open Ground Load:	0.900 kPa	
				Basic Roof Load:	0.441 kPa	

The minimum timber treatment for these MiTek® trusses shall be in accordance with B2/AS1 Table 1A and the relevant sections of NZS 3602:2003. The timber for these MiTek® trusses shall be graded to the requirements of NZS 3603:1993. Proprietary fixings and timber connectors shall be selected in accordance with NZS3604:2011 Section 4 - Durability.

MiTek® Truss List

Legend: * = detail only, ? = input only, ✕ = failed design, Ø = non certified, Unmarked trusses = designed successfully, LB = lateral bracing required
GB = gable brace required

Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)	Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)	Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)
*CNOG	26	855	0.000	900	J19	1	3327	25.000	900	V3	2	915	25.000	900
*ET1	1	5780	25.000	900	J21	2	2427	25.000	900	V3A	1	915	25.000	900
*FR	1	6980	25.000	900	J23	1	1527	25.000	900	V4	1	1815	25.000	900
*HB1	2	4874	18.249	900	J24	2	1527	25.000	900	V5	1	1935	25.000	900
*HB2	1	4881	18.249	900	J26	1	1527	25.000	900	V6	1	1035	25.000	900
*HB3	1	643	18.249	900	*OR	12	1260	0.000	900	V7	1	1750	25.000	900
*HB4	1	4461	18.249	900	*R1	2	1653	25.000	900	J2	1	2862	25.000	900
*HB5	2	8120	18.249	900	*R2	14	891	25.000	900	J2A	1	2862	25.000	900
*HB6	1	2483	18.249	900	*R3	1	1058	25.000	900	J6	1	2867	25.000	900
*HB7	2	6805	18.249	900	*R4	2	1248	25.000	900	J13	1	2457	25.000	900
HT1	1	2868	25.000	900	*R5	2	1218	25.000	900	J13A	1	2457	25.000	900
J1	1	2862	25.000	900	T3	1	5780	25.000	900	J16	1	2457	25.000	900
J3	2	1962	25.000	900	T4	2	5780	25.000	900	J22	1	2427	25.000	900
J4	2	1962	25.000	900	T6	1	10360	25.000	900	J22A	1	2427	25.000	900
J7	1	1967	25.000	900	T8	1	10360	25.000	900	J20	1	3327	25.000	900
J8	1	1967	25.000	900	T9	1	10360	25.000	900	J25	1	3327	25.000	900
J9	1	2457	25.000	900	T10	2	8500	25.000	900	T1	1	5770	25.000	900
J10	1	2457	25.000	900	T11	1	10360	25.000	705	T7	1	10360	25.000	900
J11	1	2457	25.000	900	T12	1	2763	25.000	900	TG1	1	8447	25.000	900
J12	1	2457	25.000	900	TR1	1	8447	25.000	900	J5	1	2867	25.000	900
J14	2	1557	25.000	900	TR2	1	5670	25.000	900	T2	1	5770	25.000	900
J15	2	1557	25.000	900	TR3	1	10360	25.000	900	TG2	1	8500	25.000	900
J17	1	3327	25.000	900	V1	1	3970	25.000	900	T5	1	5780	25.000	900
J18	1	3327	25.000	900	V2	1	2170	25.000	900					

Total quantity : 135

The computer design input has been carried out by:

MiTek 20/20 Software Operator: Bruce Barrow

MiTek Candidate Number and Qualifications: **10579 - MiTek 101, 201, 301, COC**

Accredited Fabricator:



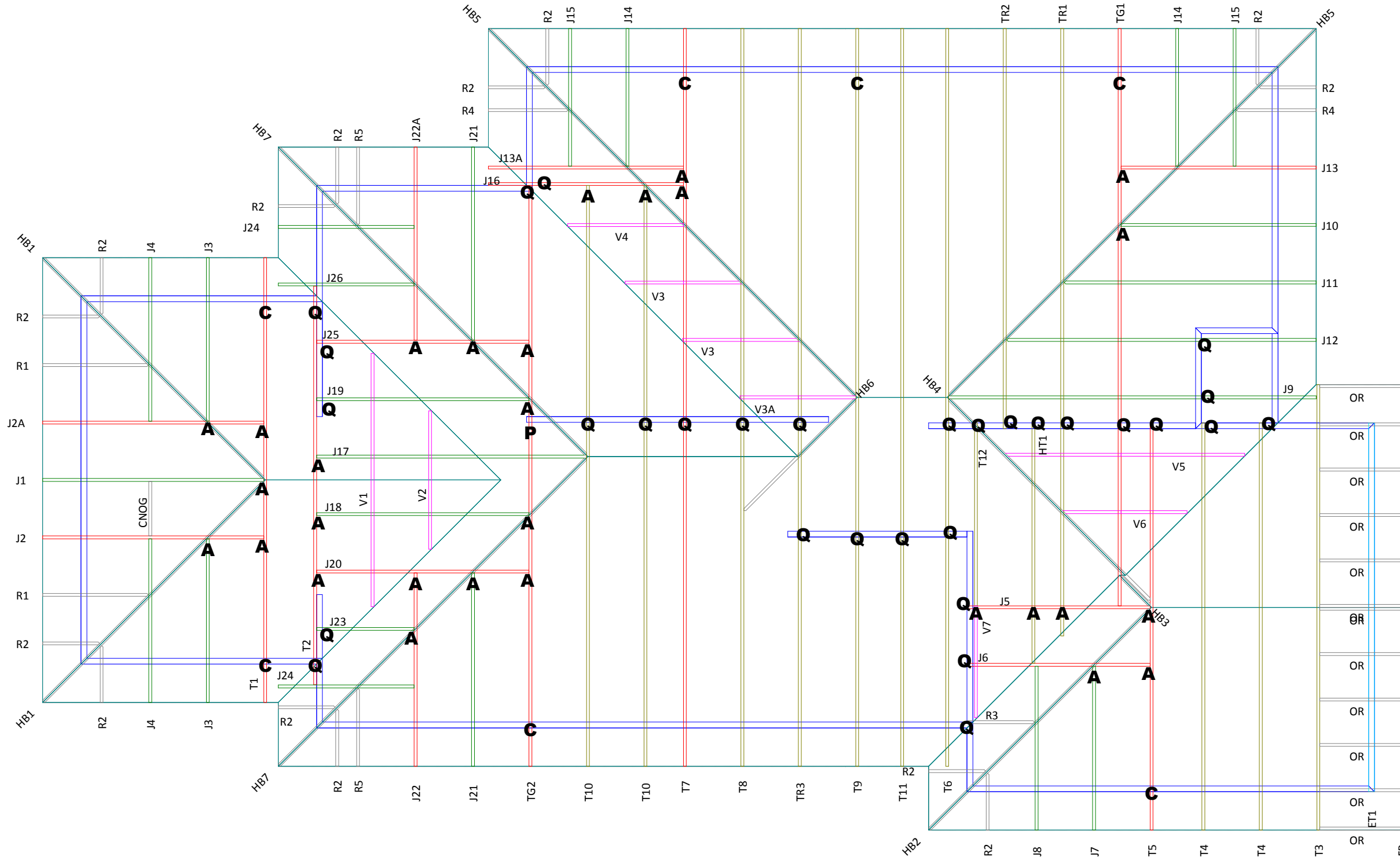
AS BUILT FINAL LAYOUT

For valley/saddle truss fixing unless stated otherwise use a pair of wire dogs at 900mm centres for up to and including a very high wind zone. Or a pair of CT200's at 900mm centres for extra high wind zone. This fixing is to meet the minimum requirements as per NZS3604.



Your Building Partner

Consent Number: BC 170328



CARTERS
Carters Manufacturing Christchurch
(03) 3592731

JOB No **253780M1**

Client: Murchison Homes Ltd
Job: Justin and Kathleen
Site: 6 Denton Street
Oakfields
Amberley

Pitch: 25.0deg
Roof Type: Galv Iron .5mm
Overhang: 600mm
Wind Area: High
Roof Snow: 0.441kPa

Trusses and rafters at 900 mm
max centres unless stated otherwise.
This layout is to be read in conjunction
with the Architectural plans.

DRAWN Keren Love

25 Jan,2018

FIXINGS

A = 47x90 Joist Hanger
B = 47x120 Joist Hanger
C = CT200 (pair)
D = 47x190 Joist Hanger
E = 95x165 Joist Hanger
F = SH-140 Split Hanger
G = SH-180 Split Hanger
H = SH-220 Split Hanger
J = 2x6kN Strap (12kN Total)
K = 6kN Strap
L = Multigrip (single)
M = Multigrips (pair)
N = Nailon Plate (200x100)
P = 16kN Pack
Q = 9kN Pack
S = CPC 40 Single Cleat
T = CPC 40 Short (pair)
U = CPC 80 Single Cleat
V = 16kN Uplift
W = 24kN Uplift
X = 25kN Uplift
Y = 35kN Uplift
Z = 45kN Uplift

Unless otherwise indicated, all specified truss fixings are to use L/Lok product nail fasteners (as per the MiTek On-site Guide) when the choice of using screws or nails is optional.

All truss to frame fixings require 2 additional 2/90x3.15dia skew nails.

All truss fixings not indicated as above must have 2 wire dogs for cross joints and 2/90x3.15dia nails for butt joins.

Fixings shown are for fixing trusses to the top plate. Any other point load uplift fixings down through the framing stud to top plate, stud to bottom plate, bottom plate to floor remain the responsibility of the architect / draughtsman.

Truss Layout



All gable trusses are designed to suit cladding manufacturer's framing requirements. If a gable truss requires a windbeam brace, the type of MiTek brace will be noted as such on the layout.

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required.
No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.

AS BUILT FINAL LAYOUT

Consent Number: BC 170328



Your Building Partner

CARTERS
Carters Manufacturing Christchurch
(03) 3592731

JOB No **253780M1**

Client: Murchison Homes Ltd
Job: Justin and Kathleen
Site: 6 Denton Street
Oakfields
Amberley

Pitch: 25.0deg
Roof Type: Galv Iron .5mm
Overhang: 600mm
Wind Area: High
Roof Snow: 0.441kPa

Trusses and rafters at 900 mm max centres unless stated otherwise. This layout is to be read in conjunction with the Architectural plans.

DRAWN Keren Love	25 Jan,2018
------------------	-------------



Notification of point loaded lintels
or point loads on internal walls
where the downward load is
higher than 8kN (85mm raft type slab)
or 10kN (100mm standard slab), or
the upward load is greater than 10kN.

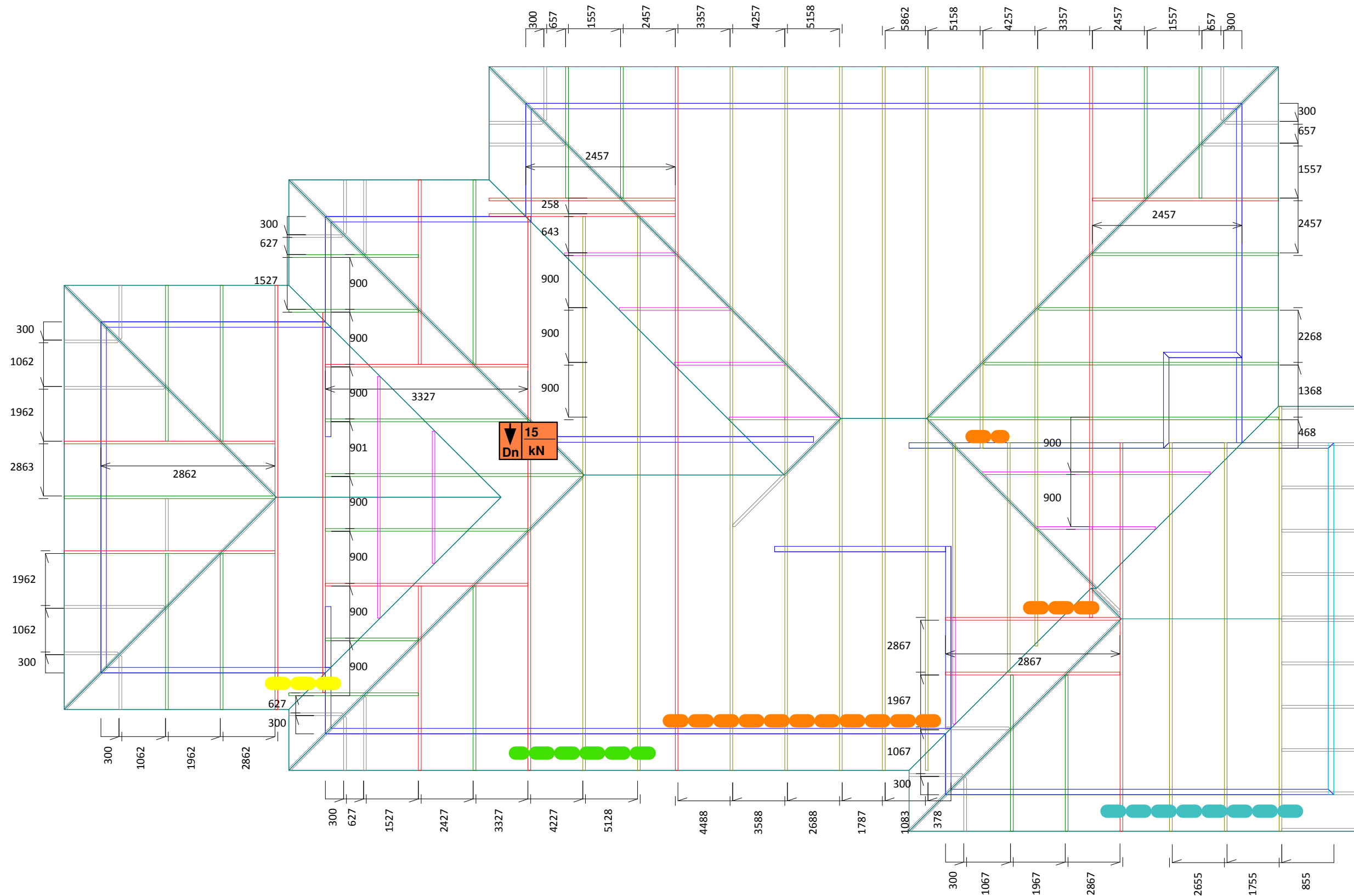
No allowance for any loading within the truss space has been allowed for including storage unless specificl stated.

Any roof loads as stated on this layout over 16kN up or down are outside the scope of NZS3604, and the architect / draughtsperson is responsible for the design to transfer the loads to the ground.

Coloured Lines
Indicate Left Hand
Side of Truss

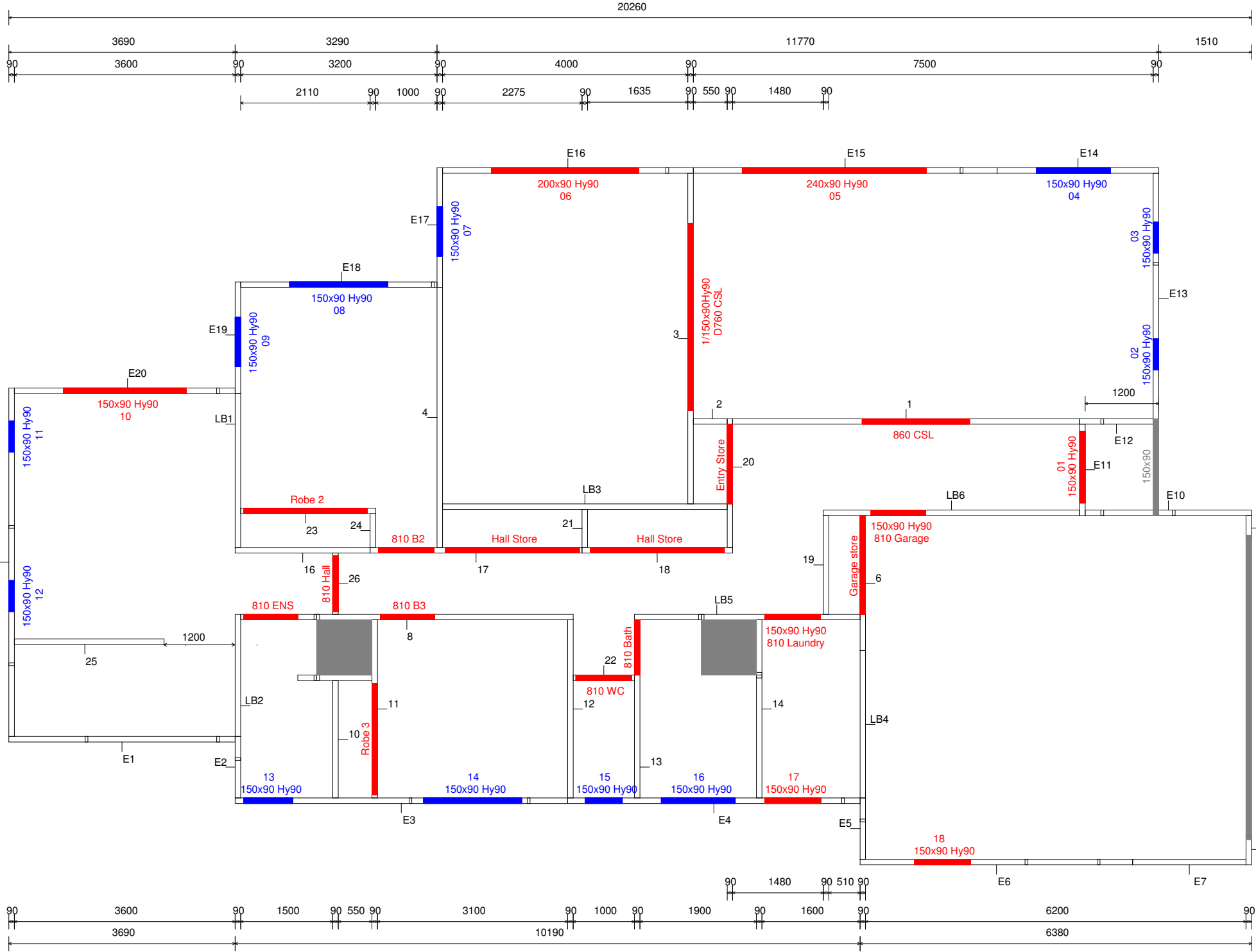
Truss Dimensions

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required. No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.



AS BUILT
FINAL LAYOUT

Consent Number: BC 170328



CARTERS
Carters Manufacturing Christchurch
(03) 3592731

JOB No **253780M1**

Client: Murchison Homes Ltd
Job: Justin and Kathleen
Site: 6 Denton Street
Oakfields
Amberley

Wind Area: High
Roof Snow: 0.441kPa
Ext Stud Spacing: 600mm
Int Stud Spacing: 600mm
Nog Spacing: 800mm
Frame Height: 2420mm

DRAWN Keren Love 25 Jan,2018

The lintels have been sized using one of the following:

hy90, hyONE and hySPAN lintels have been sized using the designIT for houses - New Zealand series 6 software.

GANGLAM and FLITCH BEAMS have been sized using the MiTek Beam Program V1.10 June 2011.

Any treated LVL product is H3.1, which satisfies the minimum treatment requirement of H1.2 as per NZS3602.

Unless otherwise stated the timber grade for all lintels is SG8. Lintels not shown are to be selected as per NZS3604: 2011.

Please contact your local CARTERS Manufacturing Branch, for any queries regarding this layout, or if any on site remedial work is required.

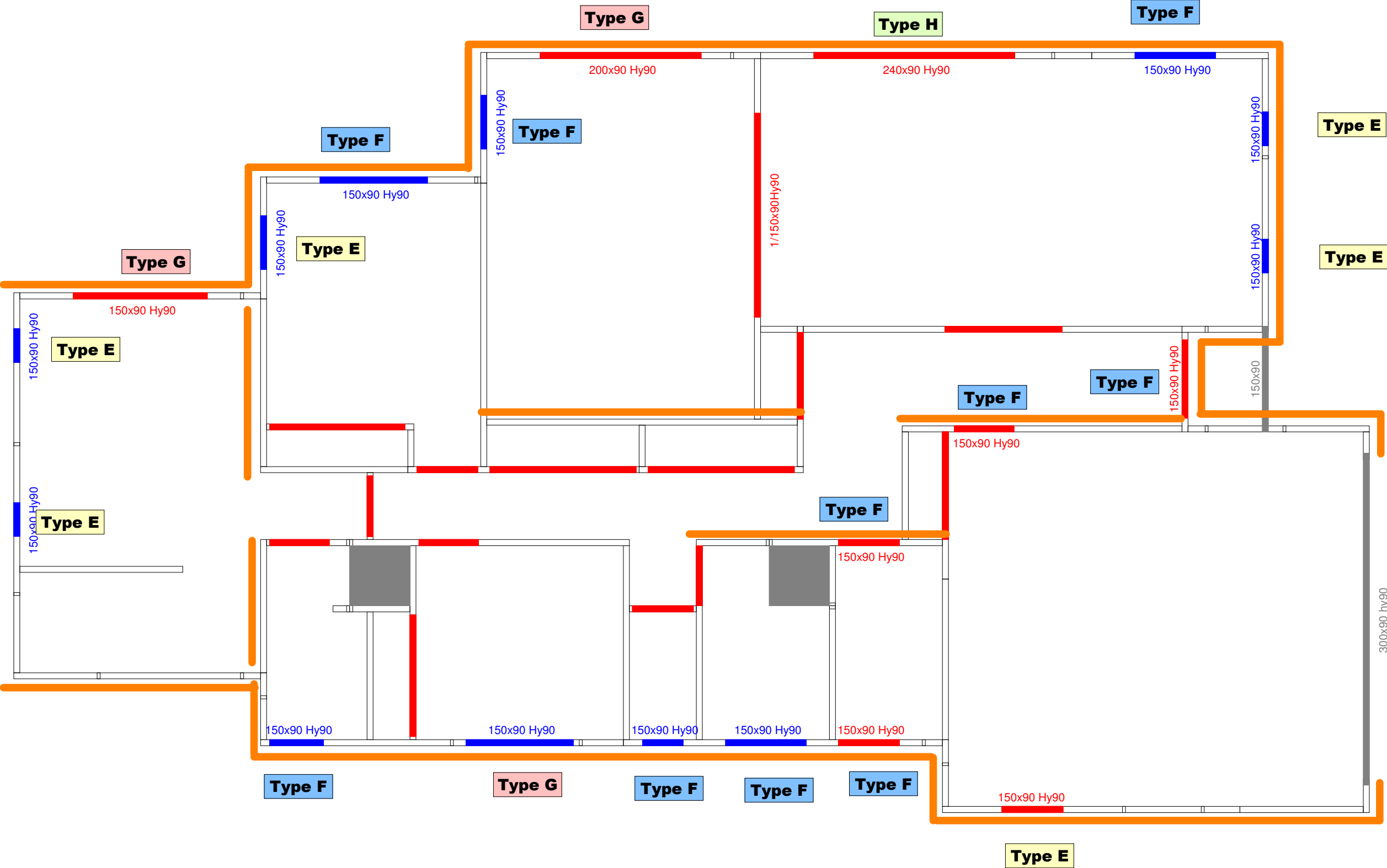
No modifications to Roof Trusses or Wall Frames are to be undertaken without first obtaining written authority from CARTERS.

Level 1 Frames



AS BUILT
FINAL LAYOUT

Consent Number: BC 170328



CARTERS
Carters Manufacturing Christchurch
(03) 3592731

JOB No **253780M1**
Client: Murchison Homes Ltd
Job Name: Justin and Kathleen
Address: 6 Denton Street
Oakfields
Amberley

DRAWN Keren Love 25 Jan,2018

The lintels have been sized using one of the following:

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GANGLAM and FLITCH BEAMS have been sized using the MiTek Beam Program V1.10 June 2011.

Any treated LVL product is H3.1, which satisfies the minimum treatment requirement of H1.2 as per NZS3602.

Unless otherwise stated the timber grade for all lintels is SG8. Lintels not shown are to be selected as per NZS3604: 2011.

Lintel Fixings

- Type E - 1.4 kN
- Type F - 4.0 kN
- Type G - 7.5 kN
- Type H - 13.5 kN

Stud to Top Plate Fixings

Fixing Type B

Level 1 Fixings



If Barrier Ply is used and nailed in accordance with the Ecoply Barrier System Fact Sheet it replaces the need for the Stud to Top Plate Fixings Type B

Refer to the Details Page for the lintel and stud to top plate fixing guide

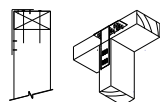
Stud to Top Plate Fixings

All Fixings are Type A
(2x90mm x 3.15 dia. plain
steel wire nails driven vertically
into stud) unless shown as
Fixing Type B

Fixing Type B

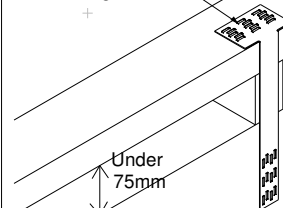
2 x 90mm x 3.15 dia. plain steel wire
nails driven vertically into stud.
AND

Plus LUMBERLOK
Stud Strap
(One face only)



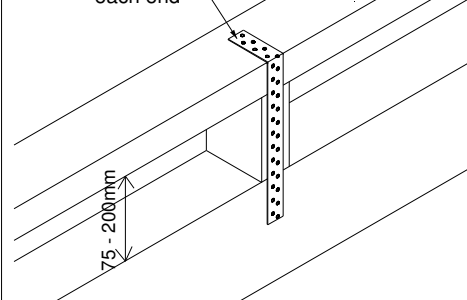
To apply the correct number of B type
fixings, divide the wall length by the stud
centres and add 1 to this figure. Attach
this number of fixings to the studs as
evenly as possible along the wall length
(include first and last stud).

Stud Strap Only when
Top Jack is under
75mm



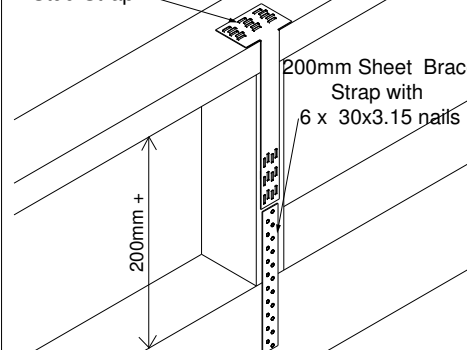
**Top Jack Option A
(Under 75mm)**

400mm Sheet Brace Strap
with 6 x 30x3.15 nails
each end



**Top Jack Option B
(75 - 200mm)**

Stud Strap



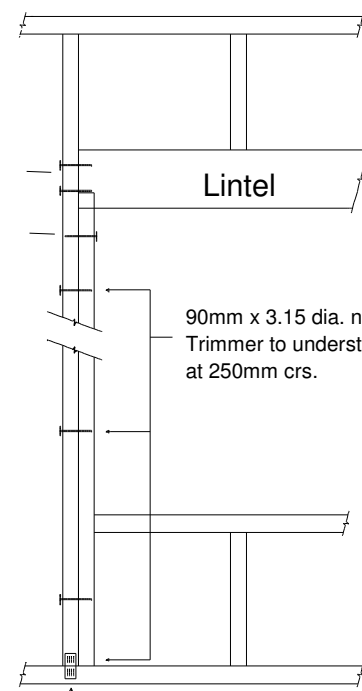
**Top Jack Option C
(200mm and Over)**

Lintel Fixings

Type E - 1.4 kN

4 x 90mm x 3.15 dia. nails

2 x 90mm x 3.15 dia. nails
directly below lintel



Lintel

90mm x 3.15 dia. nails
Trimmer to understud
at 250mm crs.

Tylok 2T4 one side

For fixing of jack studs
to lintel & top plate,
refer to "Stud to Top
Plate Fixing Detail"

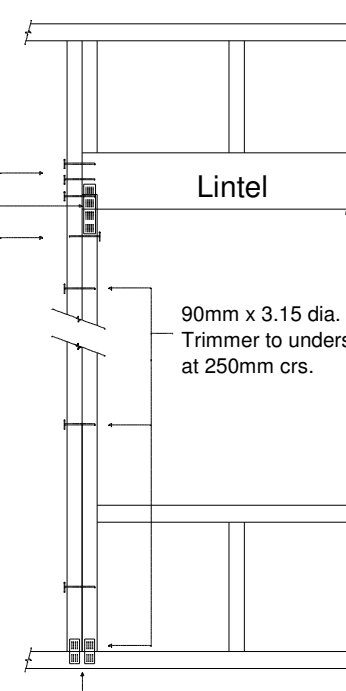
Stud numbers
indicative only.
Refer Table 8.5
NZS 3604:2011

Type F - 4.0 kN

6 x 90mm x 3.15 dia. nails

4T5 one side

2 x 90mm x 3.15 dia. nails
directly below lintel



Lintel

90mm x 3.15 dia. nails
Trimmer to understud
at 250mm crs.

2 x Tylok 2T4 for Radiata Pine
2 x Strap Nail for Douglas Fir

For fixing of jack studs
to lintel & top plate,
refer to "Stud to Top
Plate Fixing Detail"

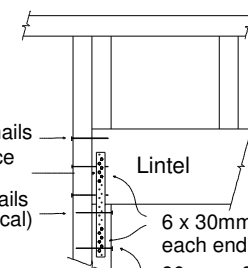
Stud numbers
indicative only.
Refer Table 8.5
NZS 3604:2011

Type G - 7.5 kN

6 x 90mm x 3.15 dia. nails

400mm Sheet Brace
Strap to one side

2 x 90mm x 3.15 dia. nails
directly below lintel (typical)



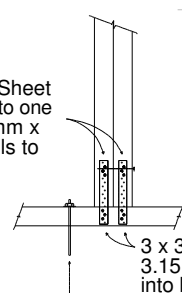
6 x 30mm x 3.15 dia. nails
each end

90mm x 3.15 dia. nails at 250 crs.
trimmer to understud (typical)

For fixing of jack studs
to lintel & top plate,
refer to "Stud to Top
Plate Fixing Detail"

Stud numbers
indicative only.
Refer Table 8.5
NZS 3604:2011

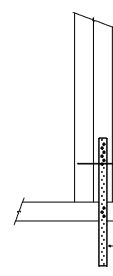
2 x 200mm Sheet
Brace Strap to one
side 3 x 30mm x
3.15 dia. nails to
each stud



M12 proprietary concrete fixing bolt with 50x50x3mm square washer or
M12 x 150mm coach screw with 50x50x3mm square washer into timber joist/bearer.

OR

400mm Sheet Brace
Strap to one side
6 x 30mm x 3.15 dia. nails to stud
3 x 30mm x 3.15 dia. nails to
bottom plate



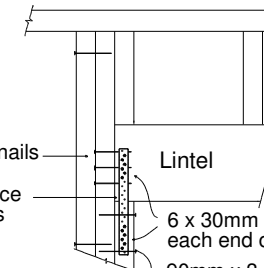
6 x 30mm x 3.15 dia. nails to timber
joist/bearer

Type H - 13.5 kN

8 x 90mm x 3.15 dia. nails

400mm Sheet Brace
Strap to both sides

90mm x 3.15 dia. nails @
250mm crs. both sides
(typical)



6 x 30mm x 3.15 dia. nails
each end of each strap

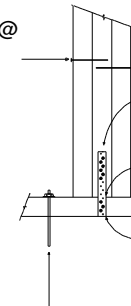
90mm x 3.15 dia. nails at 250 crs.
trimmer to understud (typical)

For fixing of jack studs
to lintel & top plate,
refer to "Stud to Top
Plate Fixing Detail"

Stud numbers
indicative only.
Refer Table 8.5
NZS 3604:2011

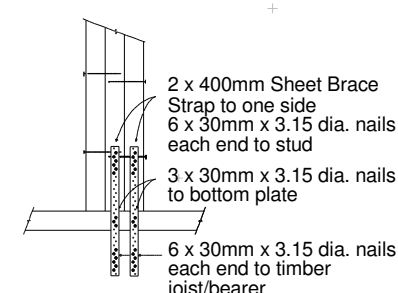
6 x 30mm x 3.15 dia. nails
to each side of stud

3 x 30mm x 3.15 dia. nails
to each side of bottom plate



400mm Sheet Brace
Strap wrap around bottom
plate and up the other side

OR



2 x 400mm Sheet Brace
Strap to one side
6 x 30mm x 3.15 dia. nails
each end to stud
3 x 30mm x 3.15 dia. nails
to bottom plate

6 x 30mm x 3.15 dia. nails
each end to timber
joist/bearer

NOTE: These fixings are suggested fixings only. Alternative fixings may be used provided the indicated hold-down is achieved. For alternative fixings, refer to the "MiTek Structural Fixings On-Site Guide 2012 Edition" or "NZStandards3604-2011".



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Foundation - Slab**
Inspection Outcome: **Pass**
Inspected By: **Mark Milnes**
Inspection Date: **22 January 2018**

Passed Items

General

Inspection carried out

pre-pour floor slab inspection carried out - ok to place concrete after completion of:

D12 x 2 rods at internal corner where shown on foundation plan

Damp Proofing

DPM

Heavy polythene

Lapping/Sealing

Lapped & taped

Penetrations

Slab thickness

Nom. 100mm

Base Course

Material

AP40

Depth

300 - 400mm

Compaction

Reinforcing

Mesh size

SE62 500E

Mesh lapping

1¼ laps

Mesh concrete cover

Nom. 30mm

Mesh chairs

Floor tie lapping

Min. 600mm

Floor tie connection

Services

Materials

PVC

Gradients

Sizes

Sleeving

Plastic & foam wrapped & taped

Cylinder Drain

Copper pipe, in place

Safe Tray Drain

40mm minimum drain installed

Other items

Bottom plate anchors
Shrinkage control

Cast-in galv anchors
Sawcuts made later

Support Documentation

Application for CCC
Electrical safety certificate
As-built drainage plan
Plumbers pressure test declaration
Design statement (truss manufacturer)
Design statement (frame manufacturer)
Engineer ground bearing report
Under-slab hardfill compaction certificate

Status

Required
Required
Required
Required
Required
Required
Required
Required

Licensed Building Practitioners

Carpentry
Foundations
Bricklaying and Blocklaying
Roofing

Status

Required
Required
Required
Required

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Foundation - Slab**
Inspection Outcome: **Pass**
Inspected By: **Mark Milnes**
Inspection Date: **22 January 2018 5:07 p.m.**
Duration: **30 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
pre-pour floor slab inspection carried out - ok to place concrete after completion of:	
D12 x 2 rods at internal corner where shown on foundation plan	
Damp Proofing	Pass
DPM	Pass
Heavy polythene	
Lapping/Sealing	Pass
Lapped & taped	
Penetrations	Pass
Slab thickness	Pass
Nom. 100mm	
Base Course	Pass
Material	Pass
AP40	
Depth	Pass
300 - 400mm	
Compaction	Pass
Reinforcing	Pass
Mesh size	Pass
SE62 500E	
Mesh lapping	Pass
1¼ laps	
Mesh concrete cover	Pass
Nom. 30mm	
Mesh chairs	Pass
Floor tie lapping	Pass
Min. 600mm	
Floor tie connection	Pass
Equipotential Bonding in place	N/A
Thickenings	N/A
Services	Pass
Materials	Pass
PVC	
Gradients	Pass
Sizes	Pass
Sleeving	Pass
Plastic & foam wrapped & taped	
Cylinder Drain	Pass

Copper pipe, in place	
Safe Tray Drain	Pass
40mm minimum drain installed	
Other items	Pass
Bottom plate anchors	Pass
Cast-in galv anchors	
Shrinkage control	Pass
Sawcuts made later	
Heating	N/A
Insulation	N/A



Taken at 4:55 PM on Monday 22/01/2018



Taken at 4:55 PM on Monday 22/01/2018

GoGet Inspection Audit Report

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**

Inspection Type: **Foundation - Concrete footings**
Inspection Outcome: **Pass Non Compliance**
Inspected By: **John Arthur**
Inspection Date: **15 January 2018 2:19 p.m.**
Duration: **45 minutes**

Inspection Element	Status
General	Pass
Inspection carried out	Pass
Site Factors	Pass
Survey Pegs	Pass
Sighted - locations OK	
Boundary Clearances	Pass
All distances as shown on plans	
Site Stability	Pass
Level site	
Ground Bearing	Pass
Very firm, hard dry clay	
Vegetation	Pass
Excavations	Pass Non Compliance
Horizontal Rods	Pass Non Compliance
2 x D16 - Still to complete	
Vertical Rods	N/A
2 x D16 Still to complete	
Starters/Floor Ties	Pass Non Compliance
D10 @ 600mm crs - Still to complete	
Steel Identified	Pass
Seismic 300 E	
Bottom Cover	Pass Non Compliance
Side Cover	Pass Non Compliance
Lapping	Pass Non Compliance
Tying	Pass Non Compliance
Depth	Pass
min 400mm as drawn	
min 500mm as drawn	
Width	Pass
min 300mm	
Formwork	Pass
Constructed timber	
Level Bottom	Pass
Yes - OK	
Stepped Foundations	N/A
Other items	Pass Non Compliance
Waste Ducts	Pass Non Compliance
Still to complete	
Steel around blockouts	N/A

Drains under building
Subfloor ventilation
Engineer Design

N/A
N/A
N/A



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Foundation - Concrete footings**
Inspection Outcome: **Pass Non Compliance**
Inspected By: **John Arthur**
Inspection Date: **15 January 2018**

Pass Non-Compliance

Excavations

Horizontal Rods	2 x D16 - Still to complete
Starters/Floor Ties	D10 @ 600mm crs - Still to complete
Bottom Cover	
Side Cover	
Lapping	
Tying	

Other items

Waste Ducts	Still to complete
-------------	--------------------------

Passed Items

General

Inspection carried out

Site Factors

Survey Pegs	Sighted - locations OK
Boundary Clearances	All distances as shown on plans
Site Stability	Level site
Ground Bearing	Very firm, hard dry clay
Vegetation	

Excavations

Steel Identified	Seismic 300 E
Depth	min 400mm as drawn
	min 500mm as drawn
Width	min 300mm
Formwork	Constructed timber
Level Bottom	Yes - OK

Support Documentation

Application for CCC

Status

Required

Electrical safety certificate	Required
As-built drainage plan	Required
Plumbers pressure test declaration	Required
Design statement (truss manufacturer)	Required
Design statement (frame manufacturer)	Required
Engineer ground bearing report	Required
Under-slab hardfill compaction certificate	Required

Licensed Building Practitioners

Status

Carpentry	Required
Foundations	Required
Bricklaying and Blocklaying	Required
Roofing	Required

ACCESSWAY CONSTRUCTION BOND
BUILDING CONSENT BC170328

BY THIS BOND made the 10th day of NOVEMBER 2017

BETWEEN the Hurunui District Council (called "the Council") of the one part

AND Justin Alan LAMPLOUGH and Kathy Sinead MEEHAN of Flat 6, 143 Salisbury Street, Christchurch (with his/her/their successors and assigns called "the Owner(s)")

BACKGROUND:

- A. The Owner(s) wishes to undertake building works on the property situated at 6 Denton Street, Amberley, legal description – Lot 89 Deposited Plan 485034 (hereinafter called "the Land").
- B. The Council's District Plan for the Land provides that the creation of any new vehicle crossing, or the use of an existing vehicle crossing for a new activity, (including the relocation of such) shall meet the standards of Rule 8.4.2 of the Proposed District Plan as Amended by Decision 2016. In this instance the vehicle crossing specifications are set out in the Consent Notice registered to the Certificate of Title.
- C. The Applicant has applied for a building consent (BC170328) under the Building Act 2004. The proposed activity complies in all other aspects with District Plan requirements with the exception of the vehicle crossing formation and construction. In order for the Council to issue a Building Consent for a permitted activity, the Owner agrees to provide a Bond to secure the carrying out of the vehicle crossing construction. The construction of the vehicle crossing shall be undertaken within 12 months of the bond being entered into or before the use of the proposed activity commences, whichever is the lesser.
- D. The estimated cost of the construction and formation of the vehicle crossing to the required standard under the Consent Notice is estimated to be the sum of \$2500.

CONDITIONS OF BOND:

Urban Vehicle Crossing

A vehicle crossing shall be provided to the Land in accordance with a formed vehicle crossing in accordance with the approved Type B crossing as per KF Consilium drawings 1023/1300 and 1023/1302.

Notes:

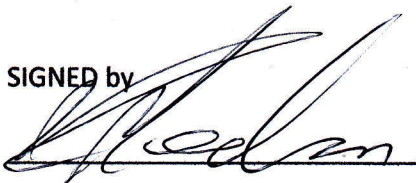
- 1. District Plan rules set out the location and sight distance requirements.
- 2. The Bond will not be deemed to be given effect to until the accessway is dug out and inspected by the Council's engineer. As such, the hold will remain on the consent until this time.
- 3. Note that anyone working in the road reserve will first need to obtain a Corridor Access permit from Council via the beforeUdig service (online at beforeUdig.co.nz or by phone at 0800 248 344).

THIS AGREEMENT RECORDS:

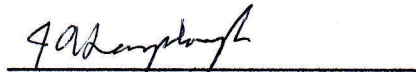
1. The Owner(s) has deposited with the Council the sum of **\$3025** as surety for this Bond and agree that the Council may hold the said sum of money until the conditions of this Bond have been fully met or the moneys shall have otherwise been disbursed in accordance with the terms of this Agreement.
2. The Owners acknowledges that the following vehicle crossing inspections are compulsory and the owner is required to give the Councils engineer 48 hours' notice prior to any inspection.
 - Pre-construction
 - Excavation to sub grade
 - Pre Seal
 - Final
3. The Owner(s) shall complete the Work to the reasonable satisfaction of the Council within 12 months of the date of this bond or within such longer period as the Council may approve.
4. The sum deposited with the Council includes a non-refundable fee of \$525 for administration and inspection costs incidental to the preparation and release of this Bond.
5. The Owner(s) acknowledges that their liability under this Agreement shall not be released, varied or affected in any way by any delay, extension of time, or other indulgence suffered or permitted by the Council or by any failure or neglect by the Council to enforce the terms of this Agreement.
 - 5.1 If the Owner(s) shall be in breach of any of the obligations under this Agreement, it shall be lawful for the Council, at the sole option of the Council to arrange for the satisfactory completion of all of the works and for this purpose the Council may employ its servants or agents or such contractors as the Council may see fit.
 - 5.2 The Owner(s) shall pay all costs incurred by the Council in arranging for the completion of those works and the Owner(s) shall be liable for any sum so expended by the Council or any expenses incurred by the Council in excess of the sum bonded.
 - 5.3 The Council may apply the moneys deposited with the Council towards payment of all such costs and expenses and in the event that the sum deposited with the Council is not sufficient to carry out the said works the Council may recover any excess from the Owner as a liquidated debt.
 - 5.4 In the event that costs and expenses incurred by the Council for the formation of the vehicle crossing are less than that sum deposited with the Council then the Owners shall be entitled to the repayment of the balance in accordance with the provisions in Clause 5.
6. Upon completion of the work being completed to the reasonable satisfaction of the Council in accordance with the Consent Notice the Owner(s) shall be entitled to repayment to them of the moneys deposited with the Council but without any entitlement to interest and any of the costs payable under clause 5 of this bond.

7. In the event of the Owner not proceeding with the building works then the sum bonded will be refunded to them in accordance with Clause 5.
8. The Owner(s) shall pay any costs and disbursements incurred by the Council for additional inspections and in the enforcement by the Council of any of its rights under this Agreement.
9. If there is dispute between the parties arising out of, or in connection with, this bond, neither of the parties is to commence any proceedings relating to that dispute until the following procedure had been complied with:
 - 9.1 The party claiming a dispute has arisen must give written notice to the other party specifying the nature of the dispute.
 - 9.2 The parties will endeavour, in good faith to resolve the dispute referred to in the notice by using informal dispute resolution techniques.
 - 9.3 If the parties do not agree on a dispute resolution technique within 14 days after the date notice of a dispute was given, the dispute is to be mediated according to the standard Bond of LEADR New Zealand Incorporated (Lawyers Engaged in Alternative Dispute Resolution), and the Chair of LEADR (or the Chair's nominee) will select the mediator and determine the mediator's remuneration.
 - 9.4 A party seeking urgent interlocutory relief may, by notice to the other party, elect not to comply with the provisions of this clause, but only to the extent of the relief sought, and only for the period required to dispose of the application for interlocutory.
 - 9.5 Pending resolution of the dispute, this Bond will remain in full effect without prejudicing the parties' respective rights and remedies.

SIGNED by



and



in the presence of:

Cherie Amy Marsh

Name of Witness



Signature of Witness

23d Beveridge Street, Central city 8013, chm

Address of Witness

Retail Manager

Occupation of Witness



Address: PO Box 13, Amberley
Telephone: (03) 314 8816
Facsimile: (03) 314 9181

K & J Meehan and Lamplough
6/143 Salisbury Street
Christchurch 8013

Customer No BC170328
Date 3/08/17
GST Reg No 53-915-477

Tax Invoice 25297

170328 : 6 Denton Street, Amberley
Three bedroom dwelling with attached double garage
Owner: K & J Meehan and Lamplough

BRANZ Levy	260.00	OG
DBH Levy	522.60	*
Set Fee	3,713.00	*
Planning/PIM Processing	405.00	*
Water Connection	660.00	*
Sewer Connection	100.00	*
BCA Levy	208.00	*
Code Compliance Certificate	200.00	*
Less invoice previously charged	1,500.00	CR*

	BEFORE GST	4,006.60
(* Includes GST)	GST	562.00
	Sub Total	\$4,568.60

Total incl GST

\$4,568.60

Council's bank account 03-0802-0946666-00

K & J Meehan and Lamplough

Customer No BC170328
Date 3/08/17
Invoice No 25297
Total Due \$4,568.60

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
Phone 03 314-8816 | Fax 03 314-9181 | Email info@hurunui.govt.nz
Web hurunui.govt.nz | facebook.com/HurunuiDistrictCouncil
Skype [hdc_customer_services](https://www.skype.com/en/customer-services) | twitter.com/hurunuidc



Form 5

Building consent 170328

Section 51, Building Act 2004

The building

Street address of building: 6 Denton Street, Amberley
Legal description of land where building is located: LOT 89 DP 485034
Building Name:
Location of building within site/block number:
Level/unit number:

The owner

Name of owner: K & J Meehan and Lamplough
Contact person:
Mailing address: 6/143 Salisbury Street, Christchurch 8013
Street address/registered office:
Phone number: 0211566504 Daytime: 033559333 Mobile: 02102643065
Landline: Fax number:
Email: kathleenmeehan@gmail.com Website:
First point of contact for communications with the council/building consent authority:
As above

Building work

The following building work is authorised by this building consent:
Project: Three bedroom dwelling with attached double garage
Current, lawfully established, use: Detached Dwelling

This building consent is issued under section 51 of the Building Act 2004. This building consent does not relieve the owner of the building (or proposed building) of any duty or responsibility under any other Act relating to or affecting the building (or proposed building).

This building consent also does not permit the construction, alteration, demolition, or removal of the building (or proposed building) if that construction, alteration, demolition, or removal would be in breach of any other Act.

CONDITIONS OF BUILDING CONSENT

There are no conditions attached to this consent.

BUILDING CONSENT ADVICE NOTES

This building consent is issued subject to the following conditions:

1. NO BUILDING WORK CAN COMMENCE UNTIL A RESOURCE CONSENT IS GRANTED.
2. A minimum of 24 hrs notice must be given to the Building Officer prior to any inspections.
3. Construction, fixings and materials are to be in accordance with the approved consent documents authorised under the Building Act 2004, any variance may require an application for an amendment
4. At least one copy of the approved plans and specifications must be kept on site at all times and made available to the Building Control Officer on request.
5. Under section 52 of the Building Act 2004 a building consent will lapse in 12 months from date of issue if the building works concerned have not been commenced

Compliance schedule

A compliance schedule is not required for the building.

Attachments

Copies of the following documents are attached to this building consent:

Project information memorandum 170328

Certificate attached to project information memorandum

Required Items

Signature:



Position: Building Administration Officer

On behalf of: Hurunui District Council

Date: 3/08/17



Project Information Memorandum 170328

Section 34, Building Act 2004 (BAM 005-B)

Issued in accordance with Building Consent No. 170328

This project information memorandum is confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 2004, and any requirements of the building consent attached.

This project information memorandum includes:

___ Notification of any other authorisations which must be obtained before the proposed building work may be undertaken

1. The Council is nearing the end of our District Plan Review process. The Proposed Hurunui District Plan as Amended by Decisions 2016 ('PDP') is at the stage where decisions on submissions and further submissions have been released and all appeals on provisions have been received. It is noted that the rules relevant to your proposal in the PDP are not subject to appeal and therefore in accordance with s86F of the Resource Management Act 1991, the PDP rules are to be treated as operative. As such this planning check has been completed against the PDP and not the Operative Hurunui District Plan.
2. VEHICLE CROSSING: There is a consent notice registered against the Certificate of Title related to vehicle crossing requirements. A bond will need to be entered into with Council or the vehicle crossing constructed to the required standard prior to building work starting. Access is to be via an approved KF Consilium drawing 1023/1300 and 1023/1302 - Type B vehicle crossing; which should be excavated and metalled before site works start. Please contact the duty planner on 03 314 8816 to arrange a pre-construction meeting before excavation. Accessway bond letter sent.
3. RESOURCE CONSENT required for breach of District Plan rule 4.6.1 - 580m² lot size in breach of the minimum site area required, 700m².
4. Water: Connection to Amberley Township Water Supply available upon application. \$660.00 connection fee applies. Completed forms have been received.
Wastewater: Connection to Amberley Township Sewerage available upon application. \$100.00 connection fee applies. Completed forms have been received.
Stormwater: Soakage not viable or permitted. All stormwater to lateral for disposal in drainage swale along northern boundary as per RC120123.
5. This structure must withstand the following:
Wind Region: A
Snow Zone: N4 - Altitude: 40m
Earthquake Zone: 3
Exposure Zone: B (low)
Liquefaction zone: 3

Signature 

Position Building Administration Officer

On behalf of: Hurunui District Council

Date: 3/08/17



Form 4

Certificate attached to project information memorandum 170328

Section 37, Building Act 2004

Restrictions on commencing building work under the Resource Management Act 1991

The building work referred to in the attached project information memorandum is also required to have the following resource consents under the Resource Management Act 1991:

- **VEHICLE CROSSING:** There is a consent notice registered against the Certificate of Title related to vehicle crossing requirements. A bond will need to be entered into with Council or the vehicle crossing constructed to the required standard prior to building work starting. Access is to be via an approved KF Consilium drawing 1023/1300 and 1023/1302 - Type B vehicle crossing; which should be excavated and metalled before site works start. Please contact the duty planner on 03 314 8816 to arrange a pre-construction meeting before excavation. Accessway bond letter sent.
- **RESOURCE CONSENT** required for breach of District Plan rule 4.6.1 - 580m² lot size in breach of the minimum site area required, 700m².

As these resource consents will or may materially affect the building work to which the attached project information memorandum relates, until they have been granted no building work may proceed.

Failure to comply with the requirements of this notice may result in legal action being taken against you under the Resource Management Act 1991.

Signature:

Position: Building Administration Officer

On behalf of: Hurunui District Council

Date: 3/08/17

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
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 Web hurunui.govt.nz | facebook.com/HurunuiDistrictCouncil
 Skype [hdc_customer_services](https://www.skype.com/en/customer-services) | twitter.com/hurunuidc



FORM 6 CODE COMPLIANCE CERTIFICATE APPLICATION

Section 92, Building Act 2004

APPLICATION

Building Consent No : Consent issued by Hurunui District Council

THE OWNER	AGENT – APPLICANT N/A ☐ (leave section blank)
Owner's Name :	Agent's Name :
Contact Person : (if owner is not an individual)	Contact Person :
Mailing Address :	Mailing or Billing Address
Postcode :	Postcode :
Street Address or : Registered Office	Street Address or : Registered Office
Postcode :	Postcode :
Mobile Phone :	Mobile Phone :
Phone :	Phone :
After Hours Phone :	After Hours Phone :
Landline number :	Landline number :
Daytime phone :	Daytime phone :
Fax number :	Fax number :
E-mail Address :	E-mail Address :
Website :	Website :

Note – The Agent (if appointed) will be the first point of contact for communications with the Council / Building Consent Authority regarding this application / building work and will receive all correspondence including all invoices

The Code Compliance certificate should be sent to : ☐ Owner ☐ Agent

All building work carried out under the above Building Consent was completed on - Date :

The following evidence of ownership is attached to this application : ☐ Certificate of Title
☐ Sale and Purchase Agreement (only if new purchase)

SIGNATURE

I request that the Hurunui District Council Building Consent Authority issue a Code Compliance Certificate for this work (under section 95 of the Building Act 2004)

Signature of owner / or agent on behalf of and with the authority of the owner :

☐ Owner

☐ Agent

Date :

Note : If acting "for and on behalf", please read the following declaration before signing :

"I hereby declare that I am authorised to act as Agent of the Owner"

THE PERSONNELWHO CARRIED OUT WORK <u>OTHER THAN</u> RESTRICTED BUILDING WORK	
Name of Builder :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Name of Craftsman Plumber :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Name of Craftsman Gasfitter :	Phone Number :
Postal Address :	
E-Mail Address :	
	Registration Number :
Name of Registered Drain-layer :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Name of Electrician :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Name of soild / liquid fuel burner installer :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Name of other Contractor / Tradesperson :	Phone Number :
Postal Address :	
E-mail Address :	
	Registration Number :
Add any additional persons on another (separate) sheet.	
ATTACHMENTS	
The following supporting documents are attached to this application : ☐ Certificates / other documents from the personnel who carried out the work ☐ Certificates that relate to the energy work ☐ Evidence that Specified Systems are capable of performing to the performance standards set out in the building consent ☐ Memoranda from Licensed Building Practitioner(s) stating what Restricted Building Work they carried out or supervised	

Notes by applicant: (Other notes or comments which you as the applicant may wish to add)

RESTRICTED BUILDING WORK

Did the Building Consent work include any restricted building work ☐ Yes ☐ No

If yes, provide the following details of all licensed building practitioners who were involved in the carrying out or supervising the restricted building work

Licensing Class	Name and address	Licensed building practitioner number (or registration number treated as being licensed under section 291 of the building Act 2004)	Description of particular work carried out or supervised
Foundations			
Carpentry			
Exterior Plasterer			
Brick-layer			
Block-layer			
Roofer			

SPECIFIED SYSTEMS

Are there specified systems associate with this project? ☐ Yes (as listed below) ☐ No

The following specified systems are contained on the compliance schedule for the building and, in the opinion of the personnel who installed them, are capable of performing to the performance standards set out in the building consent.

SS1 Automatic systems for fire suppression	SS11 Laboratory fume cupboards
SS2 Emergency warning systems	SS12/1 Audio loops
SS3/1 Automatic doors	SS12/2 FM radio and infrared beam transmission systems
SS3/2 Access controlled doors	SS13/1 Mechanical smoke control
SS3/3 Interfaced fire or smoke doors and / or windows	SS13/2 Natural smoke control
SS4 Emergency lighting systems	SS13/3 Smoke curtains
SS5 Escape route pressurisation systems	SS14/1 Emergency power systems
SS6 Riser Mains	SS14/2 Sign44s for SS1-13
SS7 Automatic back flow preventers	SS15/1 Spoken information intended to facilitate evacuation
SS8/1 Passenger carrying lifts	SS15/2 Final exits
SS8/2 Service lifts	SS15/3 Fire separations
SS8/3 Escalator and moving walks	SS15/4 Signs for facilitating evacuation
SS9 Mechanical ventilation or air conditioning systems	SS15/5 Smoke separations
SS10 Building maintenance units	SS16 Cable cars

Additional Information to Note

1. A final inspection must have been completed prior to this application being sought.
2. The Code Compliance Certificate will be based on the approved building consent documents, so any variations to the original approved plans are required to be documented and approved prior to the work being carried out.
3. A Code Compliance Certificate will not be issued until all of the information required on this form that is relevant to the job is provided to the Council. This includes all names, certificates from personnel who carried out the work, registration numbers, producer statements, or any other required documents



Required Items for Building Consent No 170328

Proposal: Three bedroom dwelling with attached double garage
Site Address: 6 Denton Street, Amberley

Before Council can issue a Code Compliance Certificate, you will need to ensure the following inspections are completed and that you have provided the paperwork requested.

Inspections Required

- | | | |
|---|--------------------------------|--|
| 1 | Foundation - Concrete footings | |
| 1 | Foundation - Slab | |
| 1 | Pre-Roof | |
| 1 | Pre-Cladding - Wrap | |
| 1 | Half-Height Masonry | Gable end above Garage door, Linea on cavity battens. Please check before cladding fixing. |
| 1 | Pre-Line | |
| 1 | Pre-Stop | |
| 1 | Drains | |
| 1 | Final - Residential | |
| 9 | Total Inspections | |

Documentation Required

Application for CCC
Electrical safety certificate
As-built drainage plan
Plumbers pressure test declaration
Design statement (truss manufacturer)
Design statement (frame manufacturer)
Engineer ground bearing report
Under-slab hardfill compaction certificate

Licensed Building Practitioner Forms Required

Carpentry
Foundations
Bricklaying and Blocklaying
Roofing

Your application for Code Compliance Certificate and all requested documents will be required prior to booking a final inspection.

How do I book an inspection?

- Please give at least 24 hours' notice prior to any inspection
- HDC will make every attempt to book inspections when required. However, this is not always possible - flexibility is often required. Please note that inspections are not available in all areas every day, please check the table below to see when an inspector will be in your area
- When you call to book an inspection, please supply: Your building consent number, site address, type of inspection, contact name and phone number
- To make a booking for inspection, email building@hurunui.govt.nz or telephone 03 314 8816
- Standard inspections are included in the consent fee.

Hurunui District Council Building Inspection - days/areas

- | | |
|---|---------------------------|
| - Amberley/Leithfield/Waipara areas: | Monday - Friday, all days |
| - Hanmer Springs/Waiarau/Culverden/Waikari areas: | Monday, Wednesday, Friday |
| - Omihi/Scargill/Cheviot/Parnassus areas: | Tuesday & Thursday |

What does the inspector require on site?

- The council approved building consent documents must be on site at the time of the inspection
- The work to be inspected must be completed
- Once the inspection is completed, the inspector will email a copy of the site notice to the email address provided

What happens when the building project is finished?

On completion of the project, please download and complete the Code Compliance Application (Form 6) and arrange for a final inspection. The Form 6 is an important legal document and indicates that consented building work has been completed in accordance with the consent documents

We look forward to working with you during the construction of your project. Please feel free to contact the Hurunui District Council Building Department to discuss any aspect of your project. Our contact details are Ph: 03 314 8816 or email: building@hurunui.govt.nz.

GoGet Processing Summary Report

Consent No: 170328

Site Address: 6 Denton Street, Amberley

Description: Three bedroom dwelling with attached double garage

Checklist/Elements	Status	Notes	Processed By
Vetting Checklist	Fail		Angus Malcolm
Building consent/PIM checklist	Fail		AXM3
Deposit/fee supplied	Pass	Yes	AXM3
Building Consent Application - Form 2	Pass		AXM3
Planning check/PIM declaration form	Fail	Missing	AXM3
Certificate of Title	Fail	S&P agreement - no settlement yet so Agent Nomination reqd	AXM3
Agent Nomination form	Fail	required as no settlement yet	AXM3
Design Memorandum Form 2A	Pass		AXM3
Site plan	Pass		AXM3
Floor plan	Pass		AXM3
Elevations	Pass		AXM3
Cross sections	Pass		AXM3
Construction details	Pass		AXM3
Drainage plan	Pass		AXM3
Bracing Plan & Schedule/Calculations	Pass		AXM3
Weathertightness Risk Matrix	Pass		AXM3
Written specifications	Pass		AXM3
Roof truss	Pass		AXM3
Liquefaction assessment	Pass	Zone 3 - No assessment required	AXM3
Compliance schedule information	N/A	Residential - no CS required	AXM3
Delivery of consent documents	Pass		AXM3
Approval	Fail	Application is not yet accepted All information not yet supplied	AXM3
1 Storey Dwelling	Pass		Kevin Roberts
General	Pass		KBR
Property File Information Considered	Pass	Considered. No issues noted.	KBR
PIM Information Considered	Pass	Considered. PIM RFI items added to list. Lot size only 580m2, Min required 700m2	KBR
Earthquake zone	Pass	3	KBR
Snow zone	Pass	N4	KBR
Wind zone	Pass	LA	KBR
Exposure zone	Pass	B	KBR
Altitude	Pass	0-100m - (40m)	KBR
Ground	Pass	3 (VL)	KBR
Wind speed	Pass	H	KBR
Importance level	Pass	2	KBR
Schedule 2 building use	Pass	SH	KBR
Procedure for inspections included	Pass	Yes, Engineers site visit to verify ground conditions/bearing etc.,	KBR
Building Act 2004 Sections	Pass		KBR
Sec 28 - Cases Involving Bans	Pass	N/A none identified in documents	KBR
Sec 113 - Specified Intended Life	Pass	Indefinite but not less than 50 years	KBR
NZ Building Code Handbook	Pass		KBR
A1 Classified Use	Pass	Housing - Detached dwelling (3 Bedroom/attached garage.)	KBR
B1 Structure	Pass		KBR
Foundations	Pass	Means of compliance - Alternative Solution,	KBR

Checklist/Elements	Status	Notes	Processed By
		Alternative solution based on NZS 3604:2011 Fig 13(b) or 15 (b) - in situ concrete with 2/ D16	
Floor Slab and mesh	Pass	Means of compliance - NZS 3604:2011, 100mm 500E mesh reinforced concrete	KBR
DPM	Pass	Means of compliance - NZS 3604:2011, Moistop 250 micron 1 ply polyethylene sheet.	KBR
Mesh laps	Pass	Means of compliance - NZS 3604:2011, 1 ... laps, laced together	KBR
Laced to starters	Pass	Means of compliance - NZS 3604:2011, Yes	KBR
Mesh chairs	Pass	Means of compliance - NZS 3604:2011, Adequate support, min 30mm to concrete top surface	KBR
Supplementary bars	Pass	Means of compliance - NZS 3604:2011, Positions comply (Fig. 7.18) See Plan sheet 4.	KBR
Shrinkage control	Pass	Means of compliance - NZS 3604:2011, Saw-cuts - positions comply (Fig 7.19) Crack inducer - positions comply (Fig 7.19) See Plan Sheet 4.	KBR
Slab thickenings (see truss design data)	Pass	Means of compliance - NZS 3604:2011, Mixed types - comply with NZS 3604:2011 - Refer drawings by Carters.	KBR
Load-bearing walls	Pass	All loads transferred to exterior walls/footings Ext.footings/slab thickenings in place where required	KBR
Stud centres (ground level)	Pass	Means of compliance - NZS 3604:2011, SG8 90 x 45mm @ 600mm crs	KBR
Long studs	Pass	All studs 2.420m	KBR
Lintels	Pass	Means of compliance - Alternative Solution, By truss manufacturer - see drawings and PS1, Carters/MiTek.	KBR
Garage lintel	Pass	Means of compliance - Alternative Solution, CHH Woodproducts LVL - see dwgs and manuf. certificate	KBR
Bracing (ground level)	Pass	Means of compliance - NZS 3604:2011, Means of compliance - Alternative Solution, GIB "Ezybrace" system.	KBR
Brace calculations	Pass	Means of compliance - Alternative Solution, See drawings - calculations all OK. (Eq = 1730)	KBR
Bracing distribution	Pass	Means of compliance - NZS 3604:2011, Sufficiently even bracing distribution - complies	KBR
Support beams	Pass	Means of compliance - Alternative Solution, CHH Woodproducts LVL - see dwgs and manuf. certificate	KBR
Trusses	Pass	Means of compliance - Alternative Solution, Proprietary timber trusses - refer manufacturer's details and PS1.	KBR
Trusses - Truss point loads	Pass	Means of compliance - Alternative Solution, Means of compliance - engineer designed. Refer truss manuf. details and PS1 for specific design	KBR
Trusses - Truss fixings	Pass	Means of compliance - engineer designed, MiTek NZ Ltd., Proprietary manufacturer's fixings - see dwgs and PS1. CT200 (pair) 2/90 x 3.15mm skew nails + 2 wire dogs	KBR
Purlins/tile battens	Pass	Means of compliance - NZS 3604:2011, SG8 70 x 45mm on flat @ 900mm crs less than or equal to 900mm span	KBR
Purlin/batten fixings	Pass	Means of compliance - NZS 3604:2011, 1/10g self-drilling screw, min 80mm long.	KBR
Roof bracing	Pass	Means of compliance - NZS 3604:2011, Series of Hips and Valleys.	KBR
Gable braces	Pass	Means of compliance - engineer designed, SG8 90 x 45mm 1.85m max length (complies Fig 10.23)	KBR
Ceiling battens/restraints	Pass	Means of compliance - NZS 3604:2011, 70 x 35mm timber @ less than or equal to 400mm crs less than or equal to 900mm span.	KBR

Checklist/Elements	Status	Notes	Processed By
B2 Durability	Pass		KBR
Fixings	Pass	Means of compliance - NZBC, Quality materials from reputable manufacturers	KBR
Durability evaluation	Pass	Means of compliance - NZBC, Quality materials from reputable manufacturers	KBR
Durability; materials suitable for application	Pass	Means of compliance - NZBC, Durability of all materials specified suitable for proposed applications - OK	KBR
Timber treatments - In ground	Pass	None	KBR
Timber treatments - Sub-floor	Pass	None	KBR
Timber treatments - Floor	Pass	None	KBR
Timber treatments - Ext. trims	Pass	Means of compliance - NZS 3602:2003; H3.1	KBR
Timber treatments - Cavities	Pass	Means of compliance - NZS 3602:2003; H3.2	KBR
Timber treatments - Plywood	Pass	Means of compliance - NZS 3602:2003; H3.2	KBR
Timber treatments - Interior wall framing	Pass	Means of compliance - NZS 3602:2003; H1.2	KBR
Timber treatments - Exterior wall framing	Pass	Means of compliance - NZS 3602:2003; H1.2	KBR
Timber treatments - Roof framing	Pass	Means of compliance - NZS 3602:2003; H1.2	KBR
C1 - C6 Protection from Fire	Pass		KBR
Solid Fuel heater (heat transfer)	N/A	Heat Pump	KBR
Risk group assessed	Pass	SH	KBR
Fire protection system	Pass	Means of compliance - NZBC, Type 1 - Domestic smoke alarms only	KBR
Escape path lengths	Pass	Means of compliance - NZBC AS1, Match protection system, Yes	KBR
Distance to boundary (1m min)	Pass	Means of compliance - NZBC AS1, (1.650m min)	KBR
Life/Property rating system	Pass	Means of compliance - NZBC AS1, Rating correct	KBR
D1 Access Routes	Pass		KBR
Slip resistance to external access	Pass	Means of compliance - NZBC, Broomed/wood floated conc. compliant with Table 2	KBR
Slip resistance to internal entry	Pass	Means of compliance - NZBC, Carpeted entry, compliant with Table 2	KBR
E1 Surface Water	Pass		KBR
Minimum FFLs	Pass	Means of compliance - NZBC, Adequate FFL height above road crown(150mm min) Actual 400mm.	KBR
Gutters	Pass	Means of compliance - NZBC, Quad/box ext gutters - comply with E1 Fig. 15	KBR
Down pipes	Pass	Means of compliance - NZBC, Standard downpipes - comply with E1, Table 5	KBR
Discharge pipe size	Pass	Means of compliance - NZBC, 100mm diameter	KBR
Pipe gradients: mains	Pass	Means of compliance - NZBC, 1:120 minimum	KBR
Protection from flooding	Pass	Means of compliance - NZBC, Adequate contours to direct surface water away - OK	KBR
Soak pit/other	Pass	Means of compliance - NZBC, Streetside Swale.	KBR
E2 External Moisture	Pass		KBR
Floors	Pass	Means of compliance - NZBC, Adequate FFL height above road crown - OK (150mm min)	KBR
Weathertightness risk factors	Pass	Means of compliance - NZBC, See Risk Matrix calcs - all complies	KBR
Building Wrap type	Pass	Means of compliance - NZBC, Tekton "House-wrap"	KBR
Sill tape type	Pass	Means of compliance - NZBC, Marshall Tekton"Protecto Sill" flashing tape system throughout (BRANZ No. 450)	KBR
Cladding systems	Pass	Means of compliance - NZBC, Hardies "Linea" board - fixed on cavity - to Garage Gable End.	KBR

Checklist/Elements	Status	Notes	Processed By
		70 series conc. brick veneer on nom. 40mm cavity to remainder.	
Cladding on frame - bare GL	Pass	Means of compliance - NZBC, Brick Veneer	KBR
Clad on frame - paved GL	Pass	Means of compliance - NZBC, Brick Veneer	KBR
Cav. veneer clad - bare GL	Pass	Means of compliance - NZBC, Greater than or equal to 150 and <225mm	KBR
Cav. Veneer clad - paved GL	Pass	Means of compliance - NZBC, Greater than or equal to 150 and <225mm	KBR
Flashings	Pass	Means of compliance - NZBC, Standard flashings - Comply with E2 Table 7	KBR
Roofing systems	Pass	Means of compliance - NZBC, Longrun coated metal - corrugated	KBR
Roof pitch	Pass	Means of compliance - NZBC, Greater than or equal to 0°less than or equal to 25°. (25deg)	KBR
Roofing underlay type	Pass	Means of compliance - NZBC, Bitumac 750 self supporting.	KBR
E3 Internal Moisture	Pass		KBR
Surface finishes	Pass	Means of compliance - NZBC, Refer drawings and spec	KBR
Fungal growth prevention	Pass	Means of compliance - NZBC, Appropriate surfaces/finishes installed/applied. Impervious Surface.	KBR
Overflow	Pass	Means of compliance - NZBC, Safe Tray for HWC. All affected devices fitted with overflow protection	KBR
Water splash	Pass	Means of compliance - NZBC, At risk surfaces finished/protected appropriately	KBR
Wet area shower	Pass	Proprietary shower cubicle - refer spec for manuf. Data	KBR
F2 Hazardous Building Materials	Pass		KBR
Hazardous building materials	Pass	Means of compliance - NZBC, Glazing only to consider; issues addressed OK	KBR
F3 Hazardous Substances	Pass		KBR
F3 Hazardous Substances	Pass	Means of compliance - NZBC, Safety glassed installed where required	KBR
F4 Safety from Falling	Pass		KBR
Opening windows	Pass	Means of compliance - NZBC, FFL - GL <1m - protection not required	KBR
F5 Construction Hazards	Pass		KBR
F5 Construction Hazards	Pass	Means of compliance - NZBC, N/A - outside public access area	KBR
F6 Visibility in Escape Routes	Pass		KBR
F6 Visibility in Escape Routes	Pass	Means of compliance - NZBC,	KBR
F7 Warning Systems	Pass		KBR
Locations	Pass	Means of compliance - NZBC, 3m max from all bedroom doors - OK	KBR
G1 Personal Hygiene	Pass		KBR
No. of sanitary fixtures - WC's	Pass	Means of compliance - NZBC, 2	KBR
No. of sanitary fixtures - Baths	Pass	Means of compliance - NZBC, 1	KBR
No. of sanitary fixtures - Showers	Pass	Means of compliance - NZBC, 2	KBR
No. of sanitary fixtures - Basins	Pass	Means of compliance - NZBC, 2	KBR
No. of sanitary fixtures - Sinks	Pass	Means of compliance - NZBC, 1 & Half (veg sink)	KBR
Location	Pass	Means of compliance - NZBC, Kitchen; Laundry, Main bathroom; sep. WC; sep. WC; En-Suites;	KBR
Basin in WC space	Pass	Means of compliance - NZBC, No - wash basin in immediate adjacent room	KBR

Checklist/Elements	Status	Notes	Processed By
G2 Laundering	Pass		KBR
Laundering facilities	Pass	Means of compliance - NZBC, Wash tub; washing machine connection provided	KBR
G3 Food Prep and Prevention of Contamination	Pass		KBR
Appliances and Facilities	Pass	Means of compliance - NZBC, Prep sink: Cooktop: Storage: Pantry. Refrigerator:	KBR
G4 Ventilation	Pass		KBR
Ventilation	Pass	Means of compliance - NZBC, Natural openings + extract to Bathrooms, Ensuite and Kitchen.	KBR
Ventilation rate	Pass	Means of compliance - NZBC, Natural - min. 5% of floor area opening windows	KBR
G5 Interior Environment	Pass		KBR
Temperature control and space	Pass	Means of compliance - NZBC, Note Power Points on Plan/Sheet 1C. Heat Pump.	KBR
G6 Airborne and Impact Sound	Pass		KBR
Separation to habitable spaces	Pass	Means of compliance - NZBC, Household unit habitable spaces sufficiently sound insulated	KBR
G7 Natural Light	Pass		KBR
Vertical windows in external walls	Pass	Means of compliance - NZBC, Greater than or equal to 10% of floor area for window area to all habitable spaces	KBR
Outside environment awareness	Pass	Means of compliance - NZBC, Sufficient natural light levels and outside env. awareness	KBR
G8 Artificial Light	Pass		KBR
Illuminance	Pass	Means of compliance - NZBC, See Plan/Sheet1C. Illuminance at floor level will meet 20 lux minimum	KBR
G9 Electricity	Pass		KBR
Electrical installation	Pass	Means of compliance - NZBC, Refer dwgs for all electrical fitting locations and details. Plan sheet 1C.	KBR
G10 Piped Services	Pass		KBR
Piping systems - robust	Pass	Means of compliance - NZBC, Pipework suitable for proposed usage and conditions - OK,	KBR
Isolated from contamination	Pass	Means of compliance - NZBC, Suitably designed to prevent contents contamination - OK	KBR
Isolated from services	Pass	Means of compliance - NZBC, Suitably isolated from electrical and other services - OK	KBR
Isolated from inadvertent contact	Pass	Means of compliance - NZBC, Suitably isolated/guarded from inadvertent contact - OK	KBR
Protected from corrosion	Pass	Means of compliance - NZBC, Adequate corrosion protection for environment shown - OK	KBR
Contents identified (if required)	Pass	Means of compliance - NZBC, Suitable identification of pipe contents shown - OK	KBR
Enclosed spaces ventilated	Pass	Means of compliance - NZBC, All spaces adequately ventilated - OK	KBR
Isolation valves	Pass	Means of compliance - NZBC, All systems suitably fitted with isolation valves necessary - OK	KBR
G12 Water Supply	Pass		KBR
Water supply - source	Pass	Means of compliance - NZBC, Connected to Local Authority supply.	KBR
Water supply - quantity	Pass	Means of compliance - NZBC, Adequate council supply - OK	KBR
Water supply - quality	Pass	Means of compliance - NZBC, Adequate council supply quality - OK.	KBR
HW Storage size (l)	Pass	Means of compliance - NZBC, >225 less than or	KBR

Checklist/Elements	Status	Notes	Processed By
		equal to 300 - supplementary to existing hot water (270)	
Safe tray installed	Pass	Means of compliance - NZBC, Yes	KBR
HW Tempering	Pass	Means of compliance - NZBC, Output max 55°C	KBR
Seismic restraints	Pass	Means of compliance - NZBC, Standard restraints - Fig.14	KBR
Drain/relief vent material	Pass	Means of compliance - NZBC, Suitably sized copper pipe to outside building	KBR
Materials - supply	Pass	Means of compliance - NZBC, 25mm Alkathene main supply - OK	KBR
Materials - pipe-work	Pass	Means of compliance - NZBC, Polybutylene to hot and cold reticulation	KBR
G13 Foul Water	Pass		KBR
Effluent disposal system (EDS)	Pass	Means of compliance - NZBC, Connected to local authority services	KBR
Bedroom numbers	Pass	Means of compliance - NZBC, Three bedrooms; system complies - OK	KBR
Gully traps	Pass	Means of compliance - NZBC, See drainage plan for locations, 3 GT.	KBR
Support and thermal movement	Pass	Means of compliance - NZBC, Adequate support and thermal movement allowed for - OK	KBR
Discharge pipe size	Pass	Means of compliance - NZBC, 100mm diameter	KBR
Drain ventilation	Pass	Means of compliance - NZBC, 80mm TV/MV at head of drain.	KBR
Pipe/joint materials	Pass	Means of compliance - NZBC, PVC	KBR
Pipe gradients: mains	Pass	Means of compliance - NZBC, 1:80 minimum	KBR
Pipe gradients: fittings	Pass	Means of compliance - NZBC, 40mm@1:40	KBR
Sanitary plumbing	Pass	Means of compliance - NZBC, Refer fitting layout on designer's drawings, Plan/Sheet 4.	KBR
Bedding and backfill	Pass	Means of compliance - NZBC, Bedded in adequate fill, to Fig. 7 - OK	KBR
Drains under buildings	Pass	Means of compliance - NZBC, falls adequate - OK	KBR
H1 Energy Efficiency	Pass		KBR
Means of Compliance	Pass	Means of compliance - NZBC, Calculation method.	KBR
Thermal Envelope	Pass	Means of compliance - NZBC, Insulation R values: Floor: R1.3, Wall: 2.6, Ceiling: R3.6	KBR
Hot water system	Pass	Means of compliance - NZBC, HWC and pipework suitably insulated.	KBR
Utilities BC Checklist	Pass		Brett Beer,Cynthia Otto
Services	Pass		OTTOC
Utilities Service Plans attached	Pass		OTTOC
Water	Pass		OTTOC
Water connection urban/metered	Pass	There is a standard urban/metered water connection available to the property.	OTTOC
New connection application	Pass	An application form for a new water connection is required. A connection fee of \$660.00 applies. Completed application forms have been received.	OTTOC
Sewer	Pass		BB,OTTOC
Standard sewer connection	Pass	There is a standard sewer connection available on the property.	OTTOC
Application for a new connection	Pass	An application form for a new sewer connection is required. A connection fee of \$100.00 applies. Completed application forms have been received.	BB,OTTOC
Stormwater	Pass		OTTOC

Checklist/Elements	Status	Notes	Processed By
Stormwater connection	Pass	There is a stormwater connection for the property.	OTTOC
Stormwater type	Pass	Disposal to lateral for disposal into swale	OTTOC
Consents	Pass	Resource Consent conditions (HDC) RC120123	OTTOC
Technical Utilities Officer approval	Pass		BB,OTTOC
Services	Pass		BB
Water	Pass		BB
Sewer	Pass		BB
Stormwater	Pass		BB,OTTOC
Producer Statement Assessment 1	Pass		Kevin Roberts
Producer statement category	Pass		KBR
Category	Pass	PS 1 Design (PS1) - Intended for use by the person responsible for the design in circumstances where the Building Consent Authority will rely on the producer statement to issue a building consent.	KBR
Producer statement content	Pass		KBR
Heading	Pass	Headed with Producer Statement	KBR
Address details	Pass	While not addressed to Hurunui District Council but the Truss Manufacturer, the Fabricators Design Statement is Site Specificate.	KBR
Author details	Pass	Clear identification of the person who has completed the design work, Yes The author's name and signature, In Ling Ng, MiTek New Zealand Ltd., Qualifications suitable for work undertaken, Yes Address of author, Provided. Registration number: CPEng 146585 Membership of professional organisation, MIPENZ	KBR
Written statement	Pass	That clearly identifies the building consent work covered by the Producer Statement The product name and specifications for application of products used, On Design Plans. The parts/clauses of the Building Code that the work relates to, Yes The appropriateness of the Producer Statement for site specific conditions, Site Specific.	KBR
Date	Pass	Date the PS1 was produced: 8/06/2017	KBR
Professional indemnity insurance	Pass	The sum of Professional Indemnity Insurance held is identified: \$500,000.00	KBR
Decisions and outcome	Pass		KBR
Acceptance	Pass	I have accepted this Producer Statement because the documentation is COMPLETE	KBR

I am satisfied on reasonable grounds that the provisions of the Building Code will be met if the building work in relation to the attached application is properly completed in accordance with the attached plans and specifications.

Signed: _____ Date: 3 August 2017 9:30 am
Brendon Wells

HURUNUI DISTRICT COUNCIL LIVE ENVIRONMENT

Consent No: 170328

Building Category: R1

Site Address: 6 Denton Street, Amberley

Owner/Agent: K & J Meehan and Lamplough

Inspections

The following inspections are required:

1 Foundation - Concrete footings

1 Foundation - Slab

1 Pre-Roof

1 Pre-Cladding - Wrap

1 Half-Height Masonry

Gable end above Garage door, Linea on cavity battens. Please check before cladding fixing.

1 Pre-Line

1 Pre-Stop

1 Drains

1 Final - Residential

9 Total Inspections

Support Documentation

Application for CCC

Electrical safety certificate

As-built drainage plan

Plumbers pressure test declaration

Design statement (truss manufacturer)

Design statement (frame manufacturer)

Engineer ground bearing report

Under-slab hardfill compaction certificate

Licensed Building Practitioners

Carpentry

Foundations

Bricklaying and Blocklaying

Roofing



View Instrument Details

Instrument No. 10128020.9
Status Registered
Date & Time Lodged 28 Jul 2015 11:34
Lodged By McCormick, Nicola Helen
Instrument Type Consent Notice under s221(4)(a) Resource Management Act 1991

Toitu te
Land whenua
Information
New Zealand



Affected Computer Registers Land District

688471	Canterbury
688474	Canterbury
688475	Canterbury
688476	Canterbury
688477	Canterbury
688478	Canterbury
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688529	Canterbury

Annexure Schedule: Contains 7 Pages.

Signature

Signed by Toby Ross Giles as Territorial Authority Representative on 23/07/2015 01:01 PM

***** End of Report *****

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
Phone 03 314-8816 | Fax 03 314-9181 | Email info@hurunui.govt.nz
Web hurunui.govt.nz | [facebook.com/HurunuiDistrictCouncil](https://www.facebook.com/HurunuiDistrictCouncil)
Skype [hdc_customer_services](https://www.skype.com/en/customer-services) | twitter.com/hurunuidc



IN THE MATTER OF the Resource Management Act 1991

AND

IN THE MATTER OF Subdivision Consent RC 120123 and 150036
51 Amberley Beach Road, Amberley

CONSENT NOTICE PURSUANT TO SECTION 221 OF THE RESOURCE MANAGEMENT ACT 1991

To: The Registrar-General of Lands
Canterbury Land Registration District

TAKE NOTICE that the land hereinafter described is subject to conditions in relation to the subdivision consents **RC 120123 and 150036** as follows:

THAT with regard to Lots 43, 46 – 49, 50 – 66, 70 – 75, 79, 80 and 83 – 101 under Plan number DP 485034

32a) The owners of Lots 43, 46 – 49, 50 – 66, 70 – 75, 79, 80 and 83 – 101 shall construct a vehicle crossing in accordance with KF Consilium drawings 1023/1300 – 1203/1304 as appropriate at the time of building on the lots.

THAT with regard to Lot 50 under Plan number DP 485034

32c) The vehicle crossing to be constructed on Lot 50 shall be located on the northern road frontage and constructed in accordance with condition 32a).

THAT with regard to Lot 75 under Plan number DP 485034,

32e) The vehicle crossing to be constructed on Lot 75 shall be located on the northern part of the western boundary and constructed in accordance with condition 32a).

DESCRIPTION OF LAND AFFECTED BY CONSENT NOTICE

All that piece of land containing:

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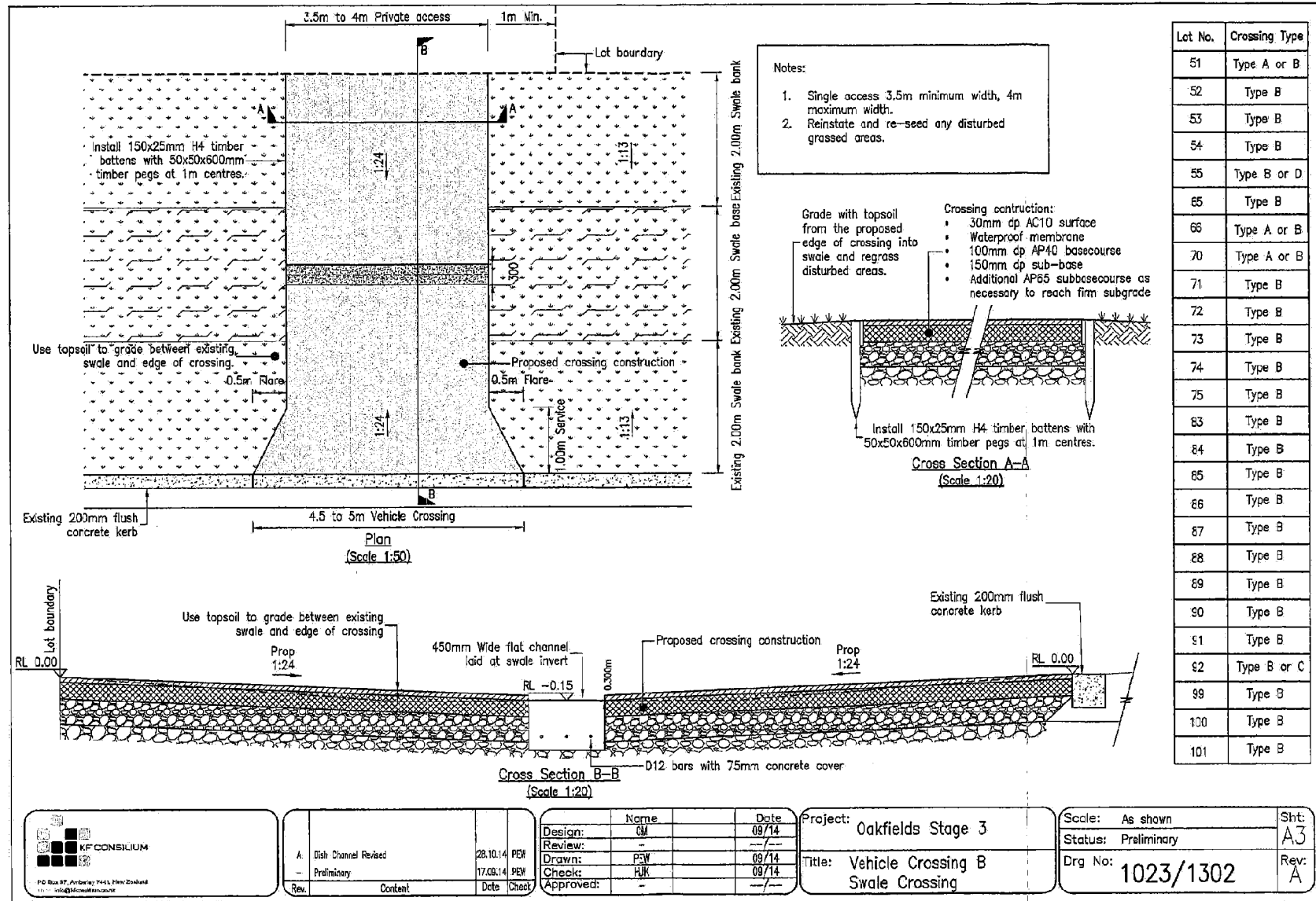
DATED this 20 day of July 2015

SIGNED for and on behalf of
THE HURUNUI DISTRICT COUNCIL
Pursuant to Section 221 of the
Resource Management Act 1991



Authorised Officer (for the purposes of
Section 221 Resource Management Act 1991)







View Instrument Details

Instrument No. 10128020.9
Status Registered
Date & Time Lodged 28 Jul 2015 11:34
Lodged By McCormick, Nicola Helen
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Annexure Schedule: Contains 7 Pages.

Signature

Signed by Toby Ross Giles as Territorial Authority Representative on 23/07/2015 01:01 PM

*** End of Report ***

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Skype [hdc_customer_services](https://www.skype.com/en/customer-services) | twitter.com/hurunuidc



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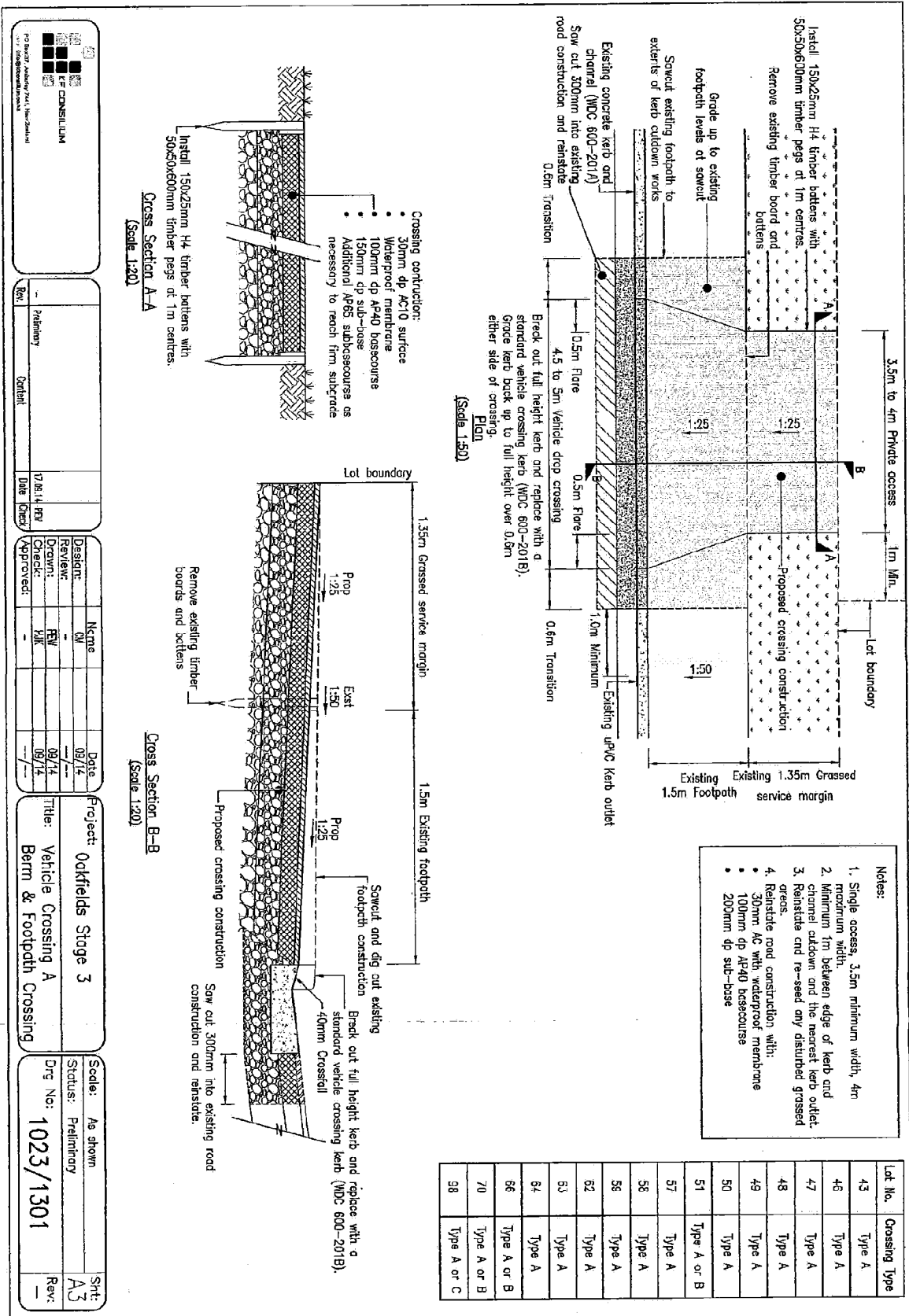
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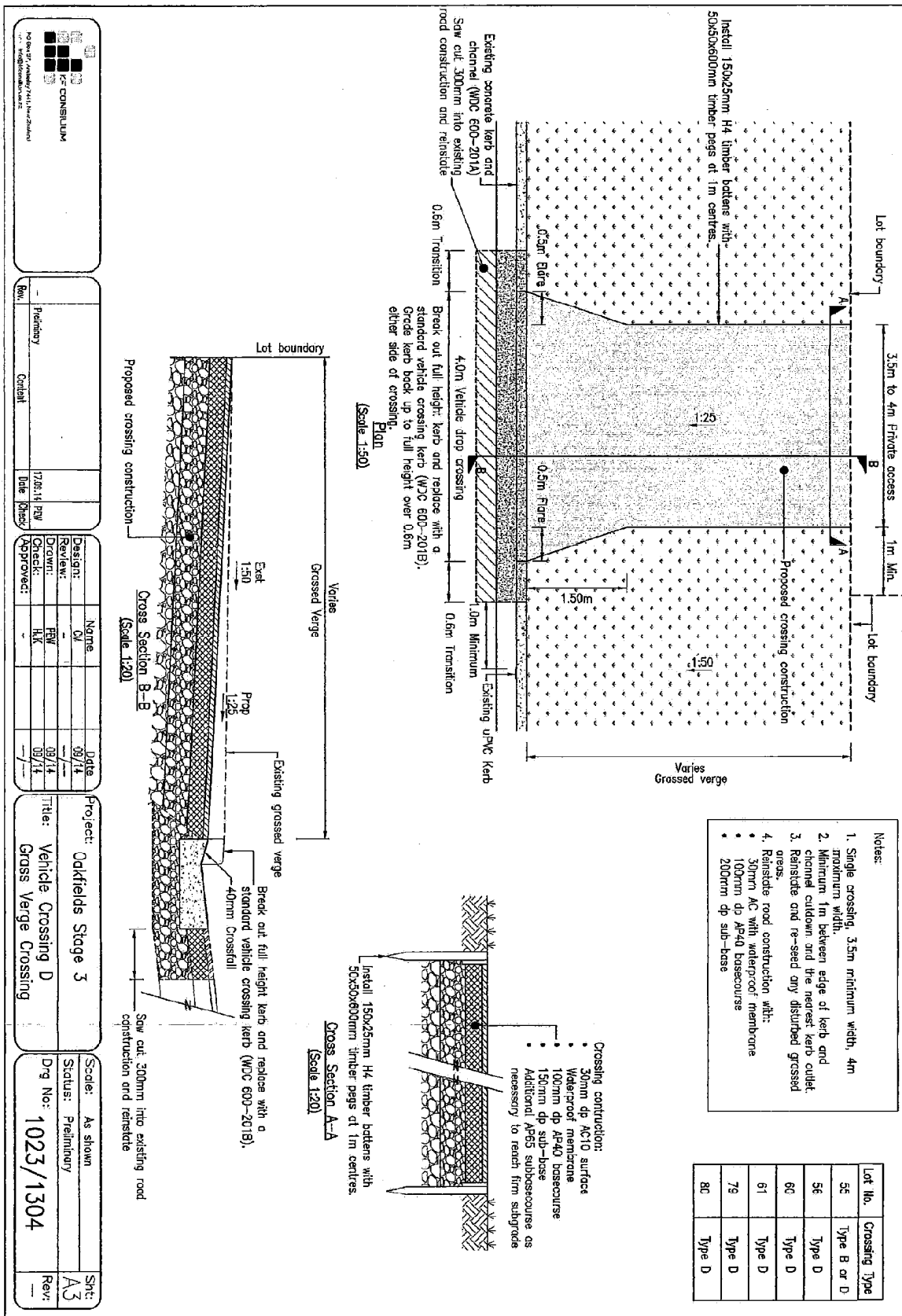
DATED this 20 day of July 2015

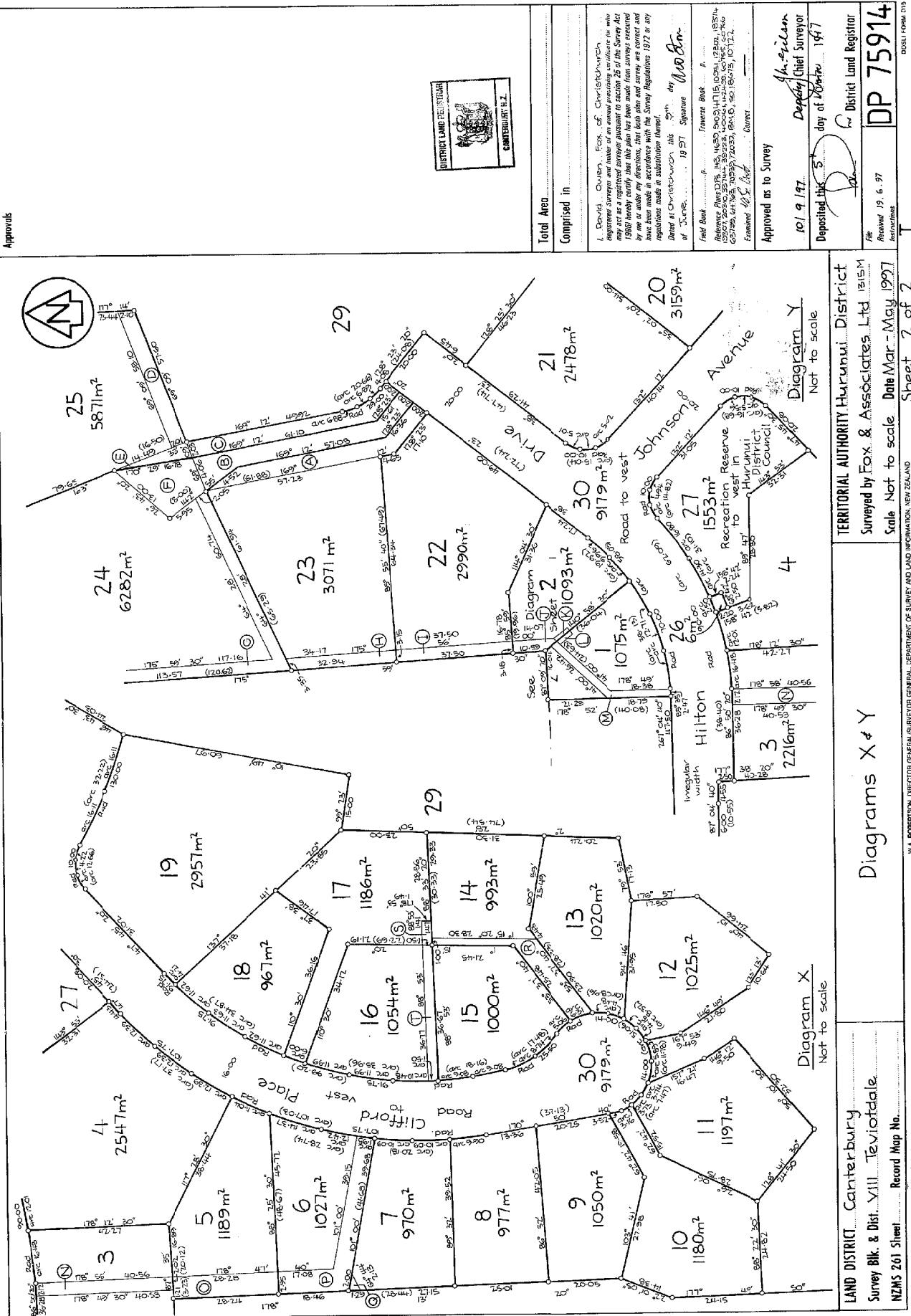
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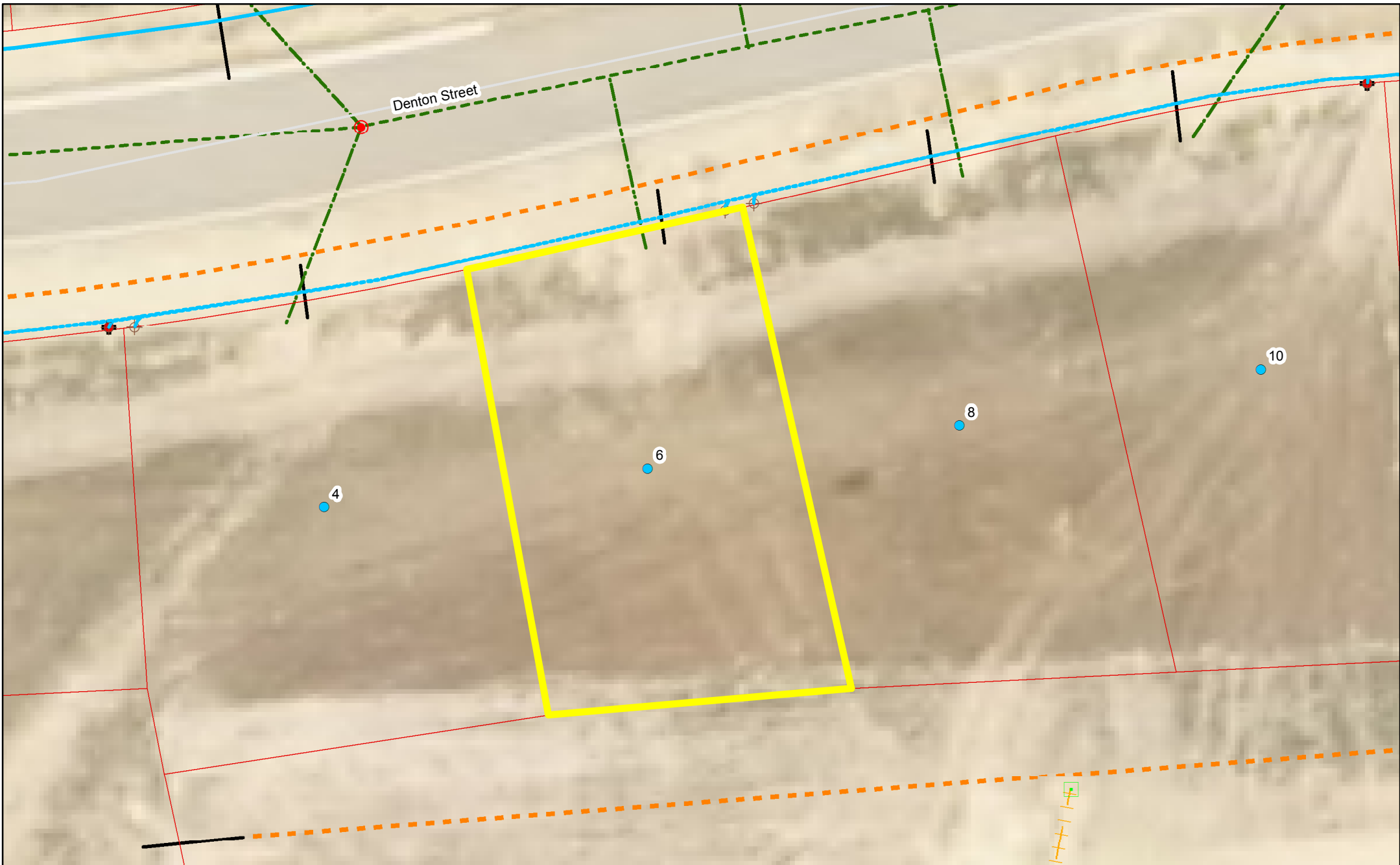


Authorised Officer (for the purposes of
Section 221 Resource Management Act 1991)









170328 - PIM - Utility Services Plan
6 Denton Street, Amberley

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Date:	11/07/2017
Scale:	1:317
Print Size:	A4 Landscape
Projection:	NZTM
Produced by:	cxo



HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
Phone 03 314-0006 | Fax 03 314-9181 | Email info@hurunui.govt.nz
Web hurunui.govt.nz | [facebook.com/HurunuiDistrictCouncil](https://www.facebook.com/HurunuiDistrictCouncil)
Skype [hdc_customer_services](https://www.skype.com/en/contacts/hdc_customer_services) | twitter.com/hurunuidc



Agent Nomination

I AMBERS PROPERTY DEVELOPMENTS

(Name of owner)

Being the owner of LOT 89 6 DENTON PLACE

(Property address)

Hereby give consent for JUSTIN CAMPLOUGH / KATHY MEEHAN.

(Name of agent)

To act as my agent for this building project.

Signed

A handwritten signature in black ink, appearing to be 'AM' or similar, written over a horizontal line.

Date

6/7/17

GoGet Processing Summary Report

Consent No: 170328

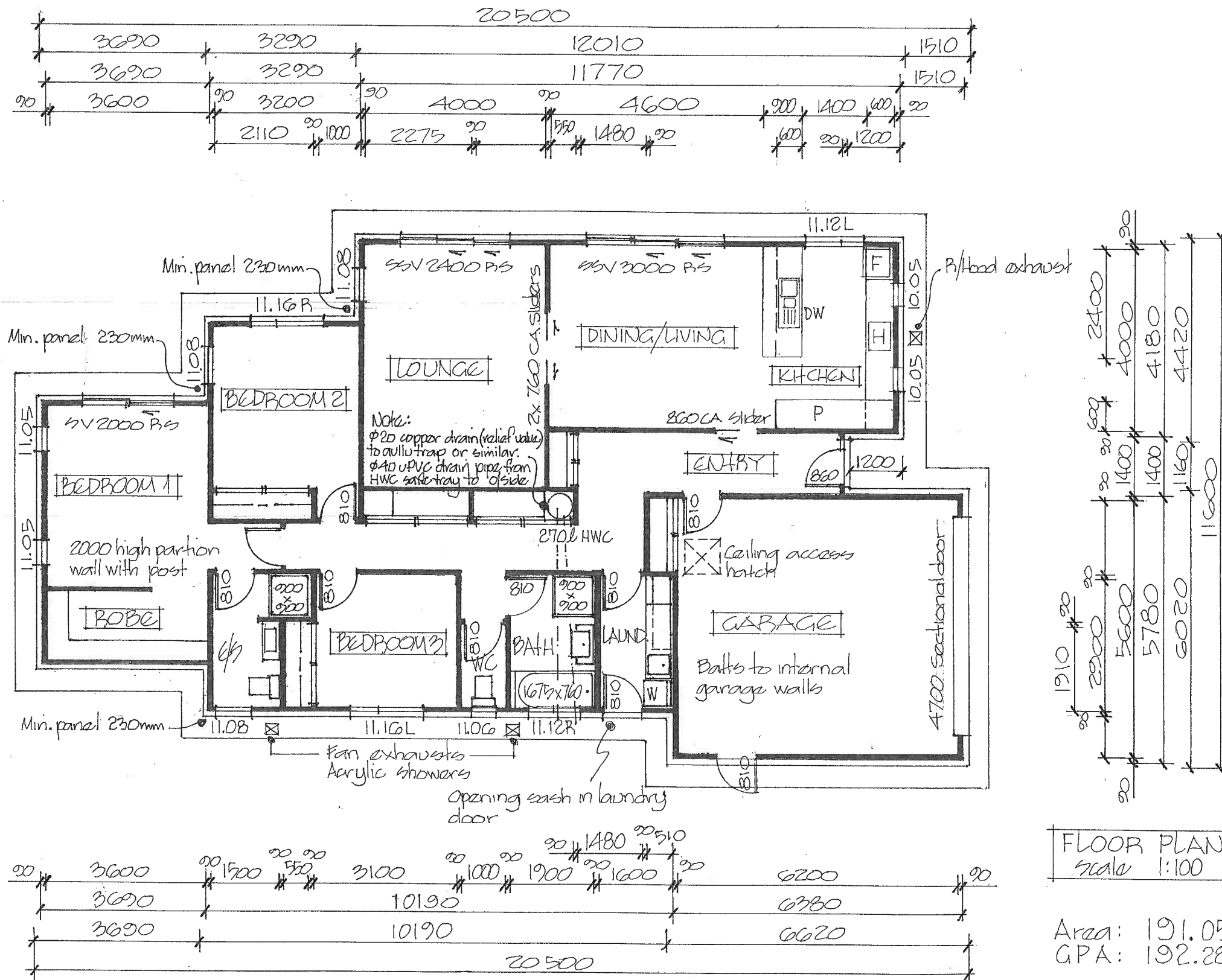
Site Address: 6 Denton Street, Amberley

Description: Three bedroom dwelling with attached double garage

Checklist/Elements	Status	Notes	Processed By
Vetting Checklist	Fail		Angus Malcolm
Building consent/PIM checklist	Fail		AXM3
Deposit/fee supplied	Pass	Yes	AXM3
Building Consent Application - Form 2	Pass		AXM3
Planning check/PIM declaration form	Fail	Missing	AXM3
Certificate of Title	Fail	S&P agreement - no settlement yet so Agent Nomination reqd	AXM3
Agent Nomination form	Fail	required as no settlement yet	AXM3
Any relevant Resource Consents	N/A		AXM3
Design Memorandum Form 2A	Pass		AXM3
Project Drwg/Specification required:	N/A		AXM3
Site plan	Pass		AXM3
Floor plan	Pass		AXM3
Elevations	Pass		AXM3
Cross sections	Pass		AXM3
Construction details	Pass		AXM3
Drainage plan	Pass		AXM3
Bracing Plan & Schedule/Calculations	Pass		AXM3
Weathertightness Risk Matrix	Pass		AXM3
Written specifications	Pass		AXM3
Roof truss	Pass		AXM3
Other producer statements	N/A		AXM3
Liquefaction assessment	Pass	Zone 3 - No assessment required	AXM3
Compliance schedule information	N/A	Residential - no CS required	AXM3
Receipt of consent documents	Pass		AXM3
Approval	Fail	Application is not yet accepted All information not yet supplied	AXM3
Wood burner consent checklist	N/A		AXM3

I am satisfied on reasonable grounds that the provisions of the Building Code will be met if the building work in relation to the attached application is properly completed in accordance with the attached plans and specifications.

Signed: _____ Date: 3 July 2017 4:37 pm
Angus Malcolm

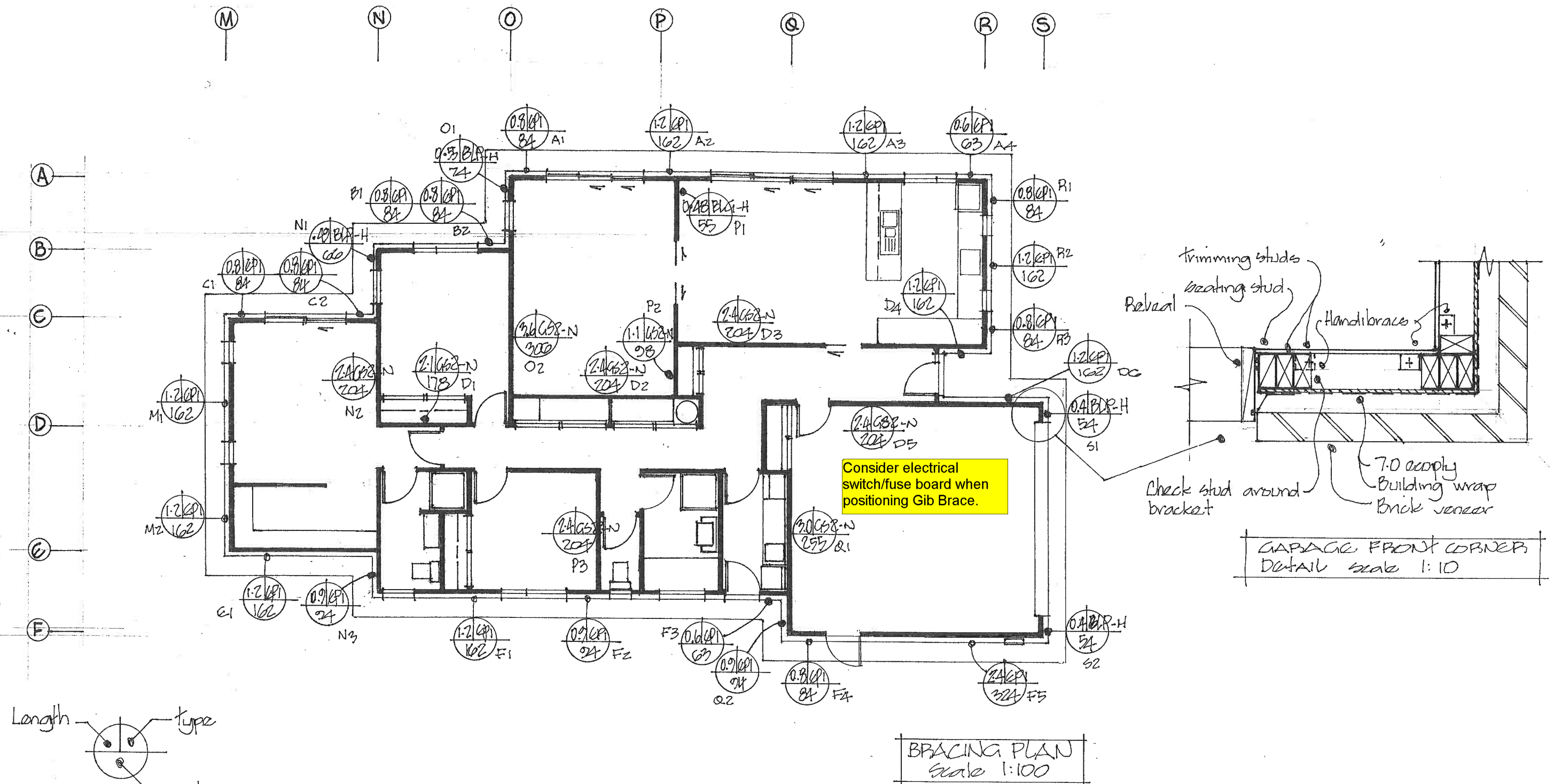


All work to comply with NZBC and approved documents NZS 3604/2011 and any local body regulations.

Drn: W. Worral

RESIDENCE FOR: JUSTIN & KATHLEEN - 6 DENTON ST., OAKFIELD EST. AMBERLEY

①



Length
Type
Value

Braces used : G52-N; BLP-H; BLP-H & EP1

Drn: W. Warrall

RESIDENCE FOR: JUSTIN & KATHLEEN 6 DENTON ST, OAKFIELD EST. AMBERLEY



Wall Bracing Calculation Sheet A

Job Details (tick appropriate boxes)

Box 1

Name			
Street Address		6 DENTON ST	
Lot No	89	DPS No	
City/Town		AMBERLEY	
Location of Storey:		Floor type:	
Single upper storey		Sub-floor	
Upper storey of two		Slab	✓
Lower storey of two		Floor load:	
		2kPa	✓
		3kPa	
Key dimensions		Cladding weight	
Building height to apex	5.6 Metres	Light	Medium
Roof height above eaves	3.0 Metres	Sub-floor	
Stud height	2.4 Metres	Lower storey	
Average roof pitch	25 Degrees	Upper or Single Storey	✓
Building Length	BL 20.5 Metres	Roof weight	Light
Building Width	BW 11.6 Metres		✓
Gross Plan Area	GPA 192.3 Sq Metres	Room-in-roof space	Yes
Note: When the average roof pitch is over 25 degrees, use the eaves length and width to determine BL and BW			No
			✓

Wind Zone

Box 2

Action	Reference	Values available	Outcome
Wind Region	Figure 5.1	A, W	A
Lee Zone	Figure 5.1	Yes, No	NO
Ground Roughness	Page 6	Urban, Open	URBAN
Site Exposure	Page 7	Sheltered, Exposed	EXPOSED
Topographic Class	Tables 5.2 and 5.3 + Fig 5.2	Gentle to Steep	T1
Wind Zone	Table 5.4	L, M, H, VH, EH, SED	H

Earthquake Zone

Box 3

Action	Reference	Values available	Outcome
Earthquake Zone	Figure 5.4	1, 2, 3, 4	3
Site subsoil classification	Page 9	A, B, C, D, E	D/E

BUs required Wind

Box 4

W Across		75	BUs per m	(From NZS 3604:2011 tables 5.5, 5.6 and 5.7)
W Along		65	BUs per m	
Total Wind Load				
W Across	Enter BL from box 1	Multiply by	BUs per m Across	Equals Across W required
	20.5	x	75	1537
W Along	Enter BW from box 1	Multiply by	BUs per m Along	Equals Along W required
	11.6	x	65	754

BUs required Earthquake

Box 5

E = 9 (x1)	9	BUs per m²	(From NZS 3604:2011 tables 5.8, 5.9 and 5.10)
Note: For a room in the roof space use E + 3 BU/m²			
Total Earthquake Load			
EQ Requirement Along and Across	Enter GPA from box 1	Multiply by	E
	192.3	x	9
Transfer to calculation sheet B			

For manual calculations only

GIB EzyBrace® Systems



Wall Bracing Calculation Sheet B

Along

WALL OR BRACING LINE		BRACING ELEMENTS PROVIDED			WIND		EARTHQUAKE	
1	2	3	4	5	6 W	7 W	6 E	7 E
Line Label	Minimum BUs Required	Bracing Element No.	Bracing Type	Length Element (m) L	Rating BU/m W	BUs Achieved (BU/m x L) W	Rating BU/m E	BUs Achieved (BU/m x L) E
A		A1, A4	EPI	0.8, 0.6	20	112	95	133
		A2, A3	EPI	1.2(x2)	120	288	135	324
B		B1, B2	EPI	0.8(x2)	95	152	105	168
		C1, C2	EPI	0.8(x2)	95	152	105	168
C		D1, D2, D3, D5	G52-N	2.1, 2.4(x3)	95	883	85	720
		D4, D6	EPI	1.2(x2)	120	288	135	324
D		E1	EPI	1.2	120	144	135	162
E		F1, F5	EPI	1.2, 2.4	120	432	135	486
		F2, F3, F4	EPI	0.9, 0.6, 0.8	95	218	105	241

Totals Achieved	
From Sheet A	Totals Required

W achieved	2669	E achieved	2790
W required*	754	E required*	1730
W achieved must exceed W required*		E achieved must exceed E required*	

* from Calculation Sheet A

Across

WALL OR BRACING LINE		BRACING ELEMENTS PROVIDED			WIND		EARTHQUAKE	
1	2	3	4	5	6 W	7 W	6 E	7 E
Line Label	Minimum BUs Required	Bracing Element No.	Bracing Type	Length Element (m) L	Rating BU/m W	BUs Achieved (BU/m x L) W	Rating BU/m E	BUs Achieved (BU/m x L) E
M		M1, M2	EPI	1.2(x2)	120	288	135	324
		N1	BLP-H	0.49	135	66	135	66
		N2	G52-N	2.4	95	228	85	204
		N3	EPI	0.9	95	85	105	94
N		O1	BLP-H	0.55	135	74	135	74
		O2	G52-N	3.6	95	342	85	306
		P1	BLP-H	0.48	110	53	115	55
O		P2	G52-N	1.1	70	77	65	71.5
		P3	G52-N	2.4	95	228	85	204
		Q1	G52-N	3.0	95	285	85	255
P		Q2	EPI	0.9	95	85	105	94
		R1, R3	EPI	0.8(x2)	95	152	105	168
		R2	EPI	1.2	120	144	135	162
Q		S1, S2	BLP-H	0.4(x2)	135	108	135	108

Totals Achieved	
From Sheet A	Totals Required

W achieved	2215	E achieved	2185
W required*	1537	E required*	1730
W achieved must exceed W required*		E achieved must exceed E required*	

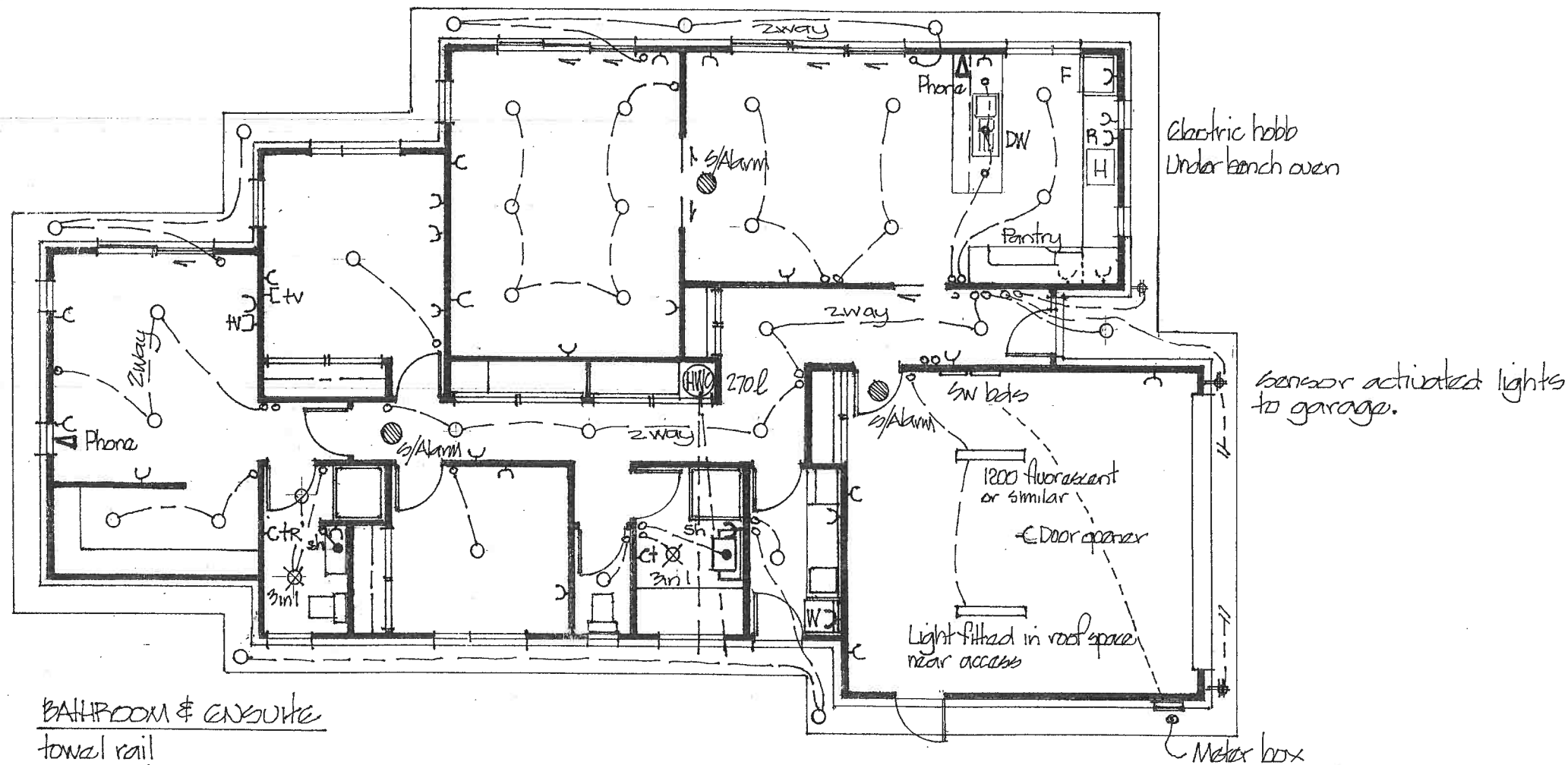
* from Calculation Sheet A

For manual calculations only



KITCHEN

Dishwasher
Hob, rangehood
U/bench oven
Fridge point, Microwave point
Phone jack
Spotlights over bench



BATHROOM & ENSUITE

towel rail
shower pt
3 in 1 (heat, light, fan)
spot over vanity

NOTES:

1. Downlights to be CA rated
2. Smoke alarms to have both test & hush facility (3 off)
3. Heating : Heatpump system
4. HWC : 270L mains pressure
5. Wire for data systems
6. Sensor activated lights to front of garage
7. Suggest dimmers to lounge & living rooms.
8. Final layout to be ascertained on site

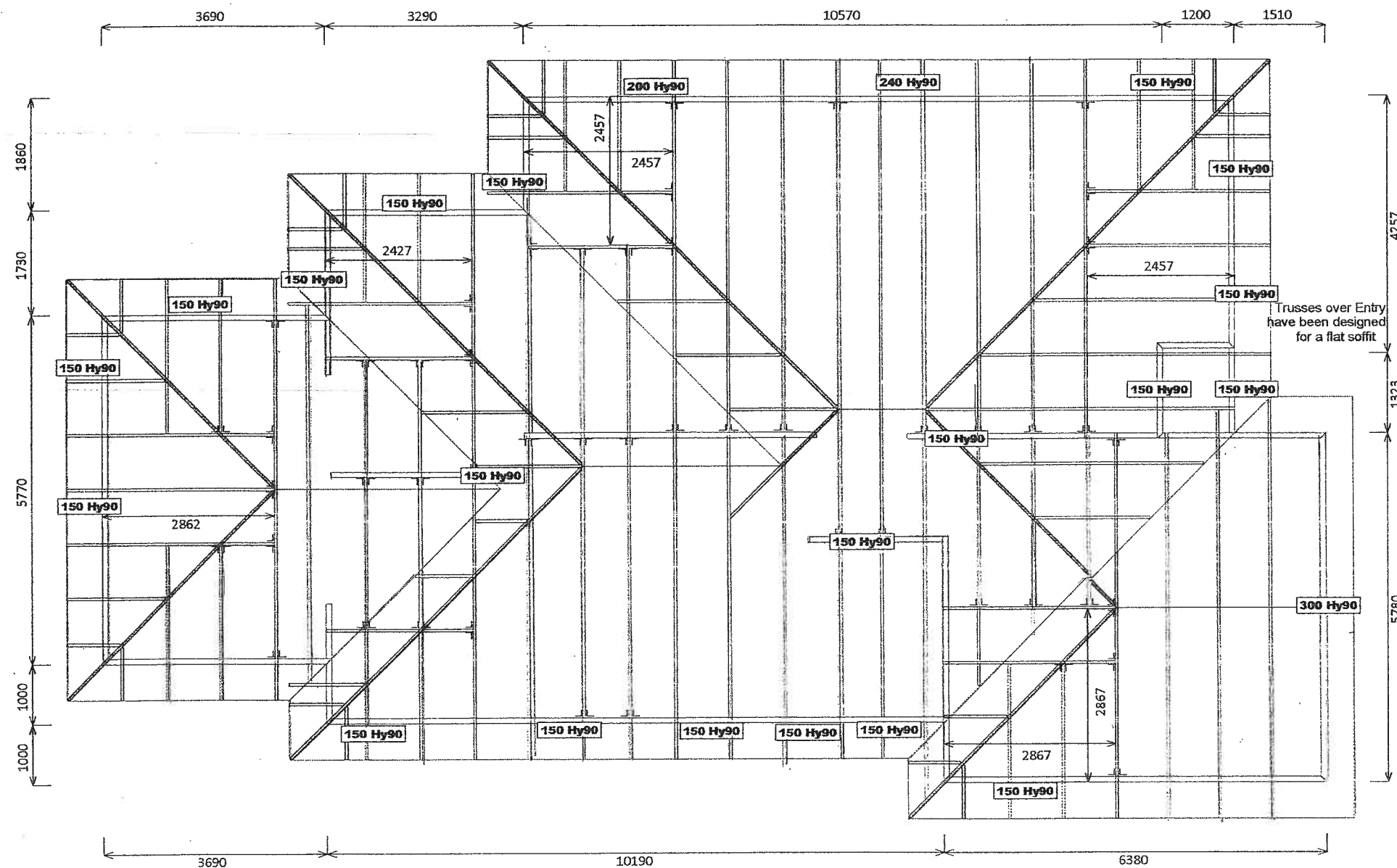
TYPICAL ELECTRICAL PLAN
Scale 1:100

Drn: W. Worrell

RESIDENCE FOR: JUSTIN & KATHLEEN 6 DENTON ST., OAKFIELD EST. AMBERLEY

BUILDABLE CONSENT LAYOUT

Any internal walls shown on this layout are considered to be loadbearing



NOTE: If metal ceiling battens on clips are used, bottom chord bracing is required at 1500mm centres.

Reference only

CARTERS
YourBuildingPartner

Carters, a division of Carter Holt Harvey Limited
Carters Manufacturing Christchurch
(03) 359 2731

JOB No **CD288512**

Client: Justin & Kathleen
Job Name: Justin & Kathleen
Address: 6 Denton Street
Oakfields, Amberly
Hurunui

Pitch: 25.0deg
Roof Type: Galv Iron .5mm
Overhang: 600mm
Wind Area: High
Roof Snow: 0.441kPa

Trusses and rafters at 900mm
max centres unless stated otherwise.
This layout is to be read in conjunction
with the Architectural plans.

DRAWN Bruce Barrow 8 Jun, 2017

The lintels have been sized using
one of the following:

hy90, hyONE and hySPAN lintels
have been sized using the designIT
for houses - New Zealand series 6
software.

GANGLAM and FLITCH BEAMS
have been sized using the MiTek
Beam Program V1.10 June 2011.

Any treated LVL product is H1.2, which
satisfies the minimum treatment
requirement of H1.2 as per NZS3602.

Unless otherwise stated the timber grade
for all lintels is SG8. Lintels not shown
are to be selected as per NZS3604: 2011.

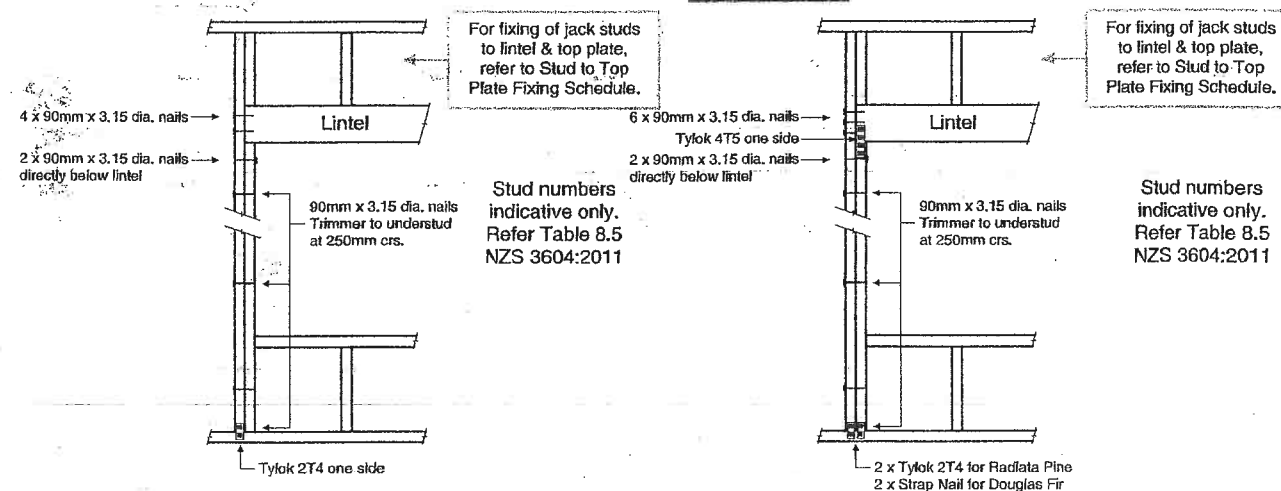
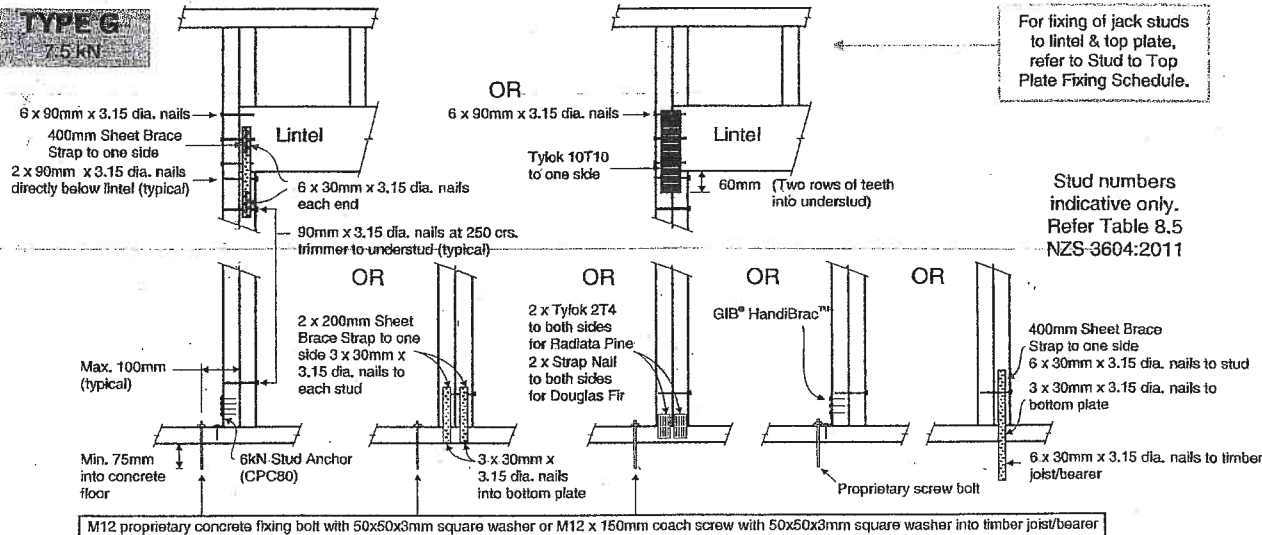
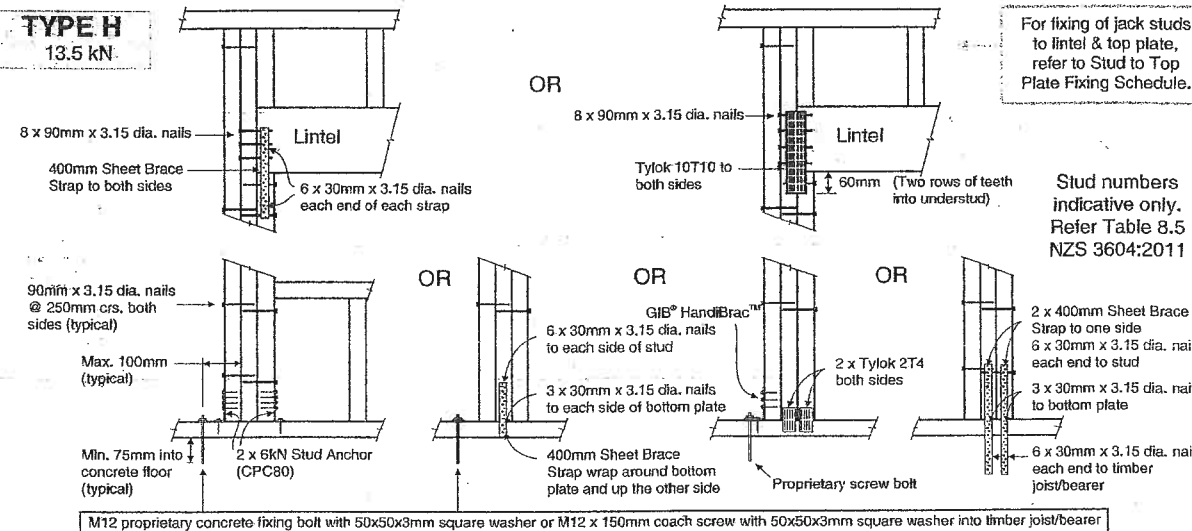


Notification of point loaded lintels
or point loads on internal walls
where the downward load is
higher than 10kN, or the
upward load is greater than 12kN.

See Front Page for Truss
Layout and Fixings



LINTEL FIXING OPTIONS


TYPE E
1.4 kN

TYPE G
7.5 kN

TYPE H
13.5 kN


LUMBERLOK

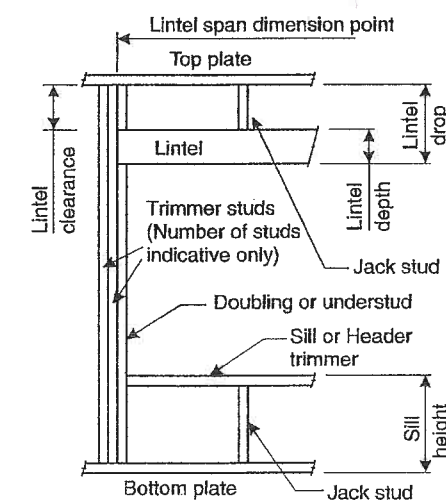
LINTEL FIXING SCHEDULE

ALTERNATIVE TO TABLE 8.14 & FIGURE 8.12 NZS 3604:2011

NOTE:

- All fixings are designed for vertical loads only. Dead loads include the roof weight and standard ceiling weight of 0.20 kPa.
- Refer to Table 8.19 NZS 3604:2011 for nailing schedule to resist horizontal loads.
- These fixings assume the correct choice of rafter/truss to top plate connections have been made.
- All fixings assume bottom plate thickness of 45mm maximum. Note: TYLOK options on timber species.
- Wall framing arrangements under girder trusses are not covered in this schedule.
- All timber selections are as per NZS 3604:2011.

DEFINITIONS



Lintel Supporting Girder Trusses:

Roof Tributary Area	Light Roof Wind Zone					Heavy Roof Wind Zone				
	L	M	H	VH	EH	L	M	H	VH	EH
8.6 m ²	G	G	H	G	G	H	G	G	H	H
11.6 m ²	G	H	H	G	G	H	G	H	H	H
12.1 m ²	G	H	H	G	H	H	G	H	H	H
15.3 m ²	H	H	-	G	H	H	H	H	-	-
19.1 m ²	H	-	-	H	H	-	-	-	-	-
20.9 m ²	H	-	-	H	H	-	-	-	-	-
21.8 m ²	H	-	-	H	-	-	-	-	-	-
34.3 m ²	-	-	-	H	-	-	-	-	-	-

Notes:

- Roof Tributary Area = approx. 1/2 x (Total roof area on girder and rafter trusses supported by lintel)
- Assumed girder truss is at mid-span or middle third span of lintel
- Use similar fixings for both ends of lintel
- All other cases require specific engineering design

SELECTION CHART FOR LINTEL FIXING

Lintel Span	Loaded Dimension (See Fig. 1.3 NZS 3604:2011)	Light Roof Wind Zone					Heavy Roof Wind Zone				
		L	M	H	VH	EH	L	M	H	VH	EH
0.7	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
0.9	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
1.0	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
1.2	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
1.5	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
2.0	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
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	5.0	E	E	E	E	E	E	E	E	E	E
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2.4	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
3.0	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
3.6	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
4.2	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
4.5	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
	4.0	E	E	E	E	E	E	E	E	E	E
	5.0	E	E	E	E	E	E	E	E	E	E
	6.0	E	E	E	E	E	E	E	E	E	E
4.8	2.0	E	E	E	E	E	E	E	E	E	E
	3.0	E	E	E	E	E	E	E	E	E	E
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	6.0	E	E	E	E	E	E	E	E	E	E



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Fax: 09-274 7100

CHRISTCHURCH
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Phone: 03-348 8691
Fax: 03-348 0314

www.mitek.co.nz

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BUILDABLE CONSENT LAYOUT

CARTERS
Your Building Partner

Carters, a division of Carter Holt Harvey Limited
Carters Manufacturing Christchurch
(03) 359 2731

JOB No **CD288512**

Client: Justin & Kathleen
Job Name: Justin & Kathleen
Address: 6 Denton Street
Oakfields, Amberley
Hurunui

Pitch: 25.0deg
Roof Type: Galv Iron .5mm
Overhang: 600mm
Wind Area: High
Roof Snow: 0.441kPa

Trusses and rafters at 900mm
max centres unless stated otherwise.
This layout is to be read in conjunction
with the Architectural plans.

DRAWN Bruce Barrow 8 Jun, 2017

FIXINGS

A = 47x90 Joist Hanger
B = 47x120 Joist Hanger
C = CT200 (pair)
D = 47x190 Joist Hanger
E = 95x165 Joist Hanger
G = SH-140 Split Hanger
H = SH-180 Split Hanger
K = SH-220 Split Hanger
L = 6kN Strap
M = Multigrips (pair)
N = Nailon Plate
S = CPC 40 Single Cleat
T = CPC 40 Short (pair)
U = CPC 80 Single Cleat
Q = 9kN Pack
P = 16kN Pack
X = 25kN Uplift
Y = 35kN Uplift
Z = 45kN Uplift

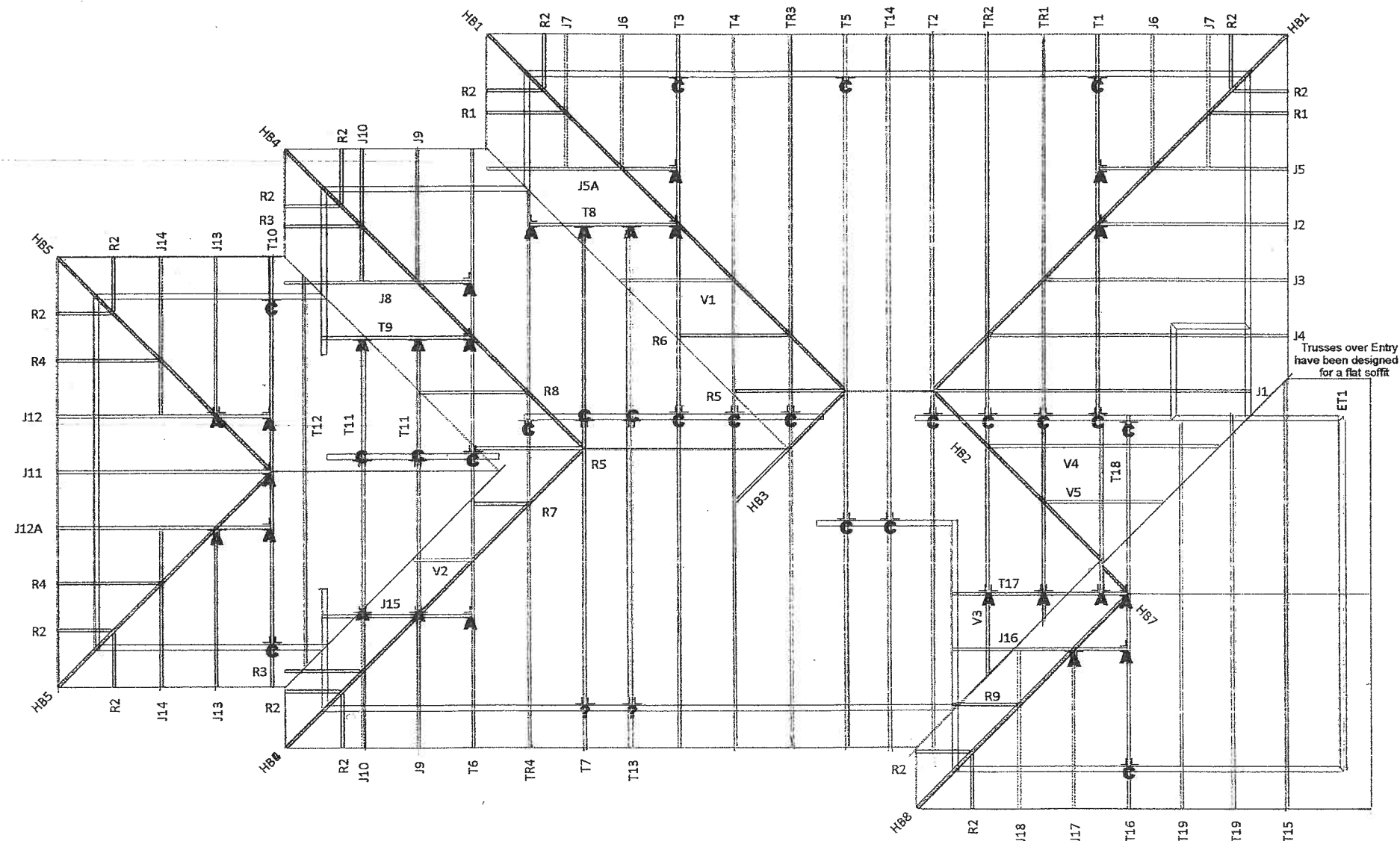
All truss fixings not indicated as
above must have two wire dogs.

Please contact your local CARTERS
Manufacturing Branch for any queries
regarding this layout.

See Back Page for Dimensions, Lintel
Statement & Point Load Notification.

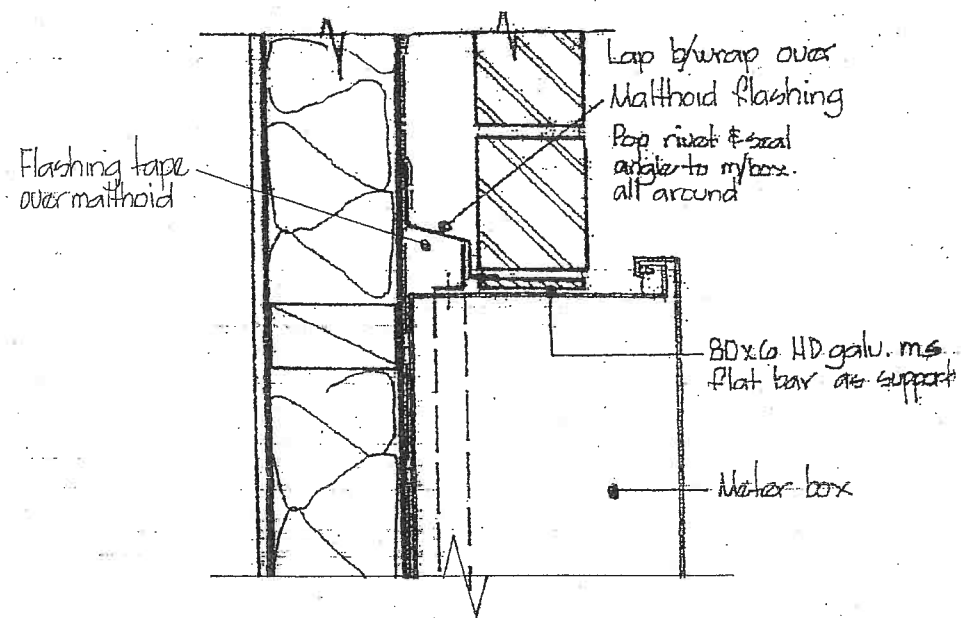
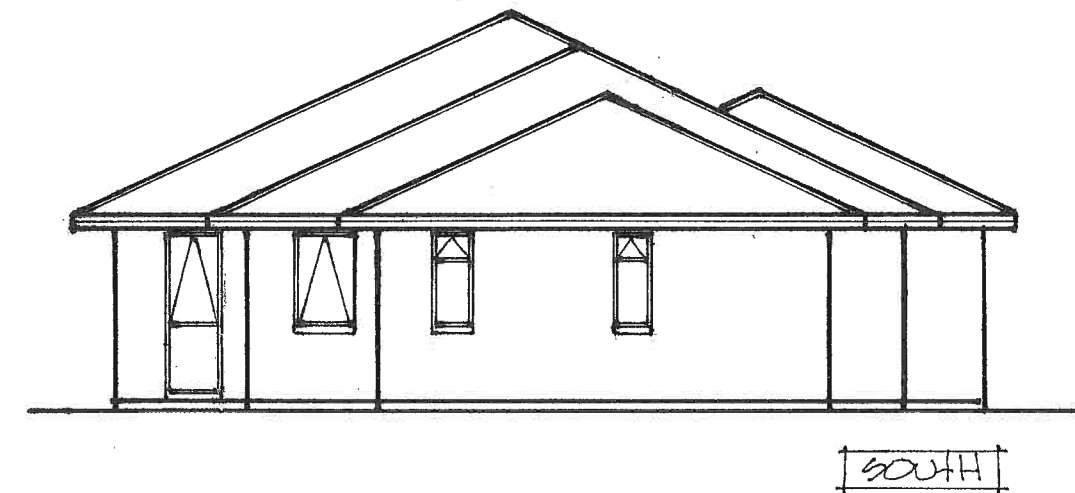
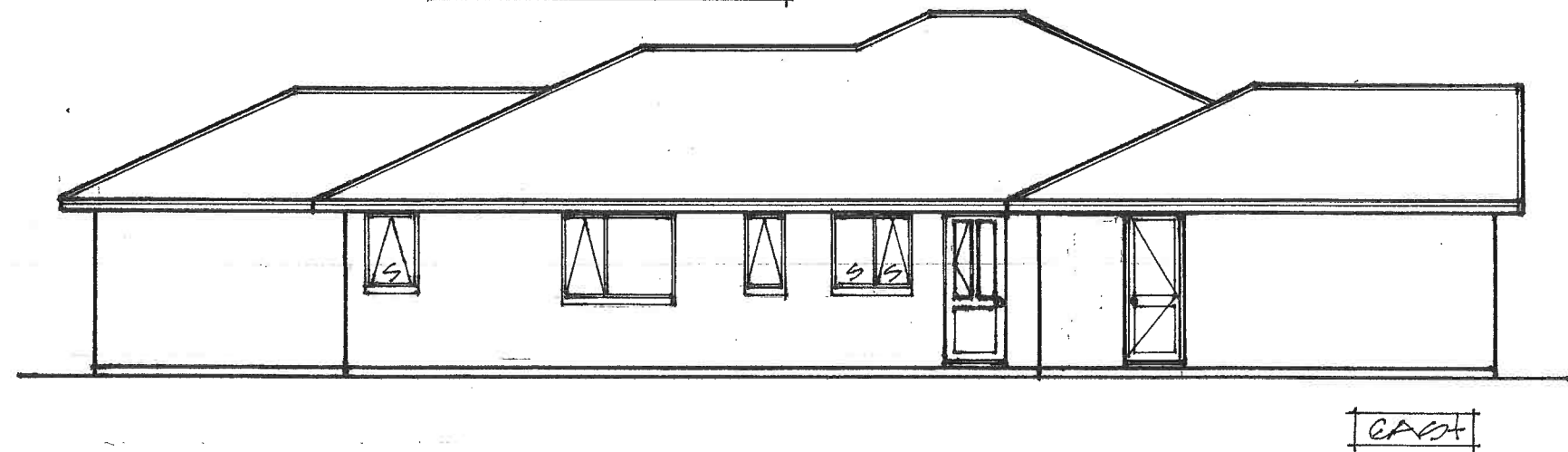
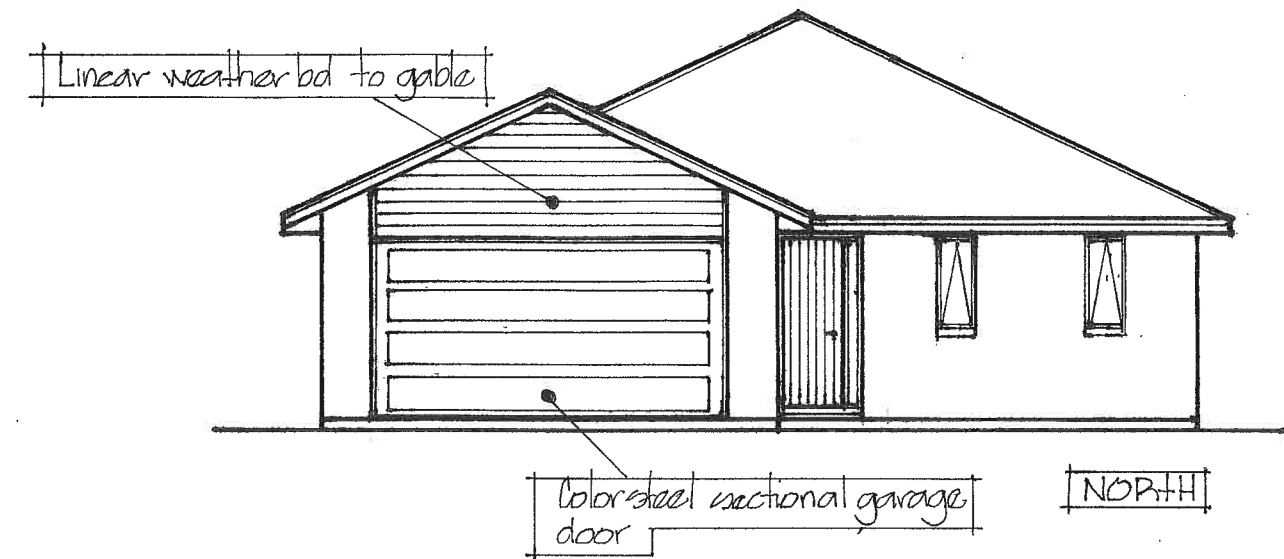
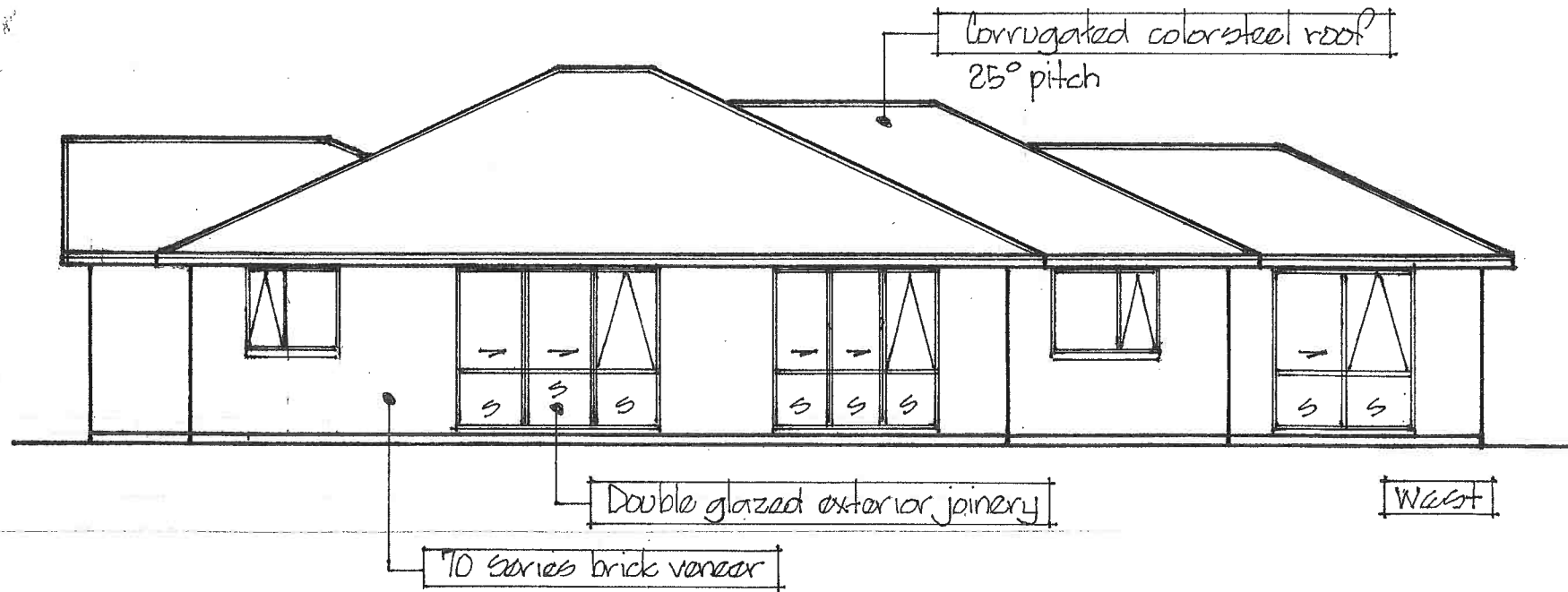


Any internal walls shown on
this layout are considered
to be loadbearing



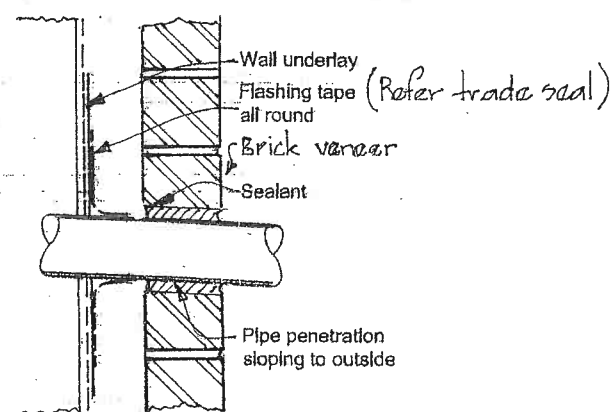
NOTE: All gable trusses are designed to suit cladding manufacturers framing requirements.
If a gable truss requires a windbeam brace, the type of MiTek brace will be noted as such on the layout

Reference only



METER BOX FLASHING Brick veneer
1:5

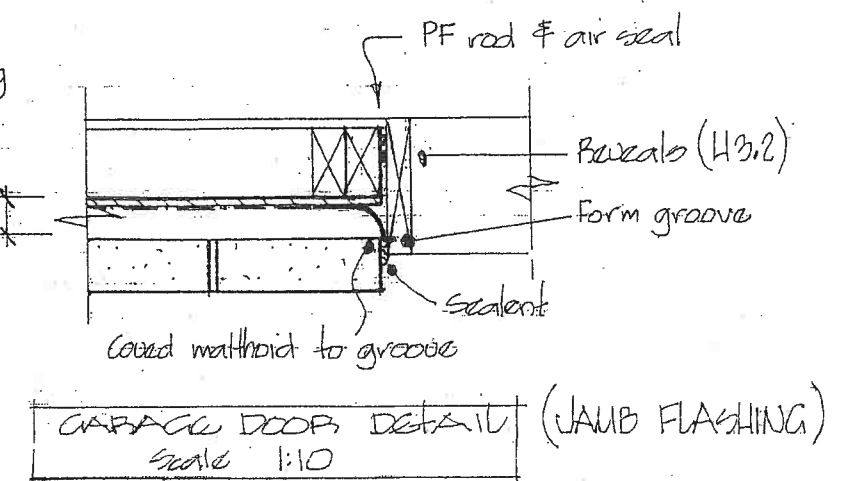
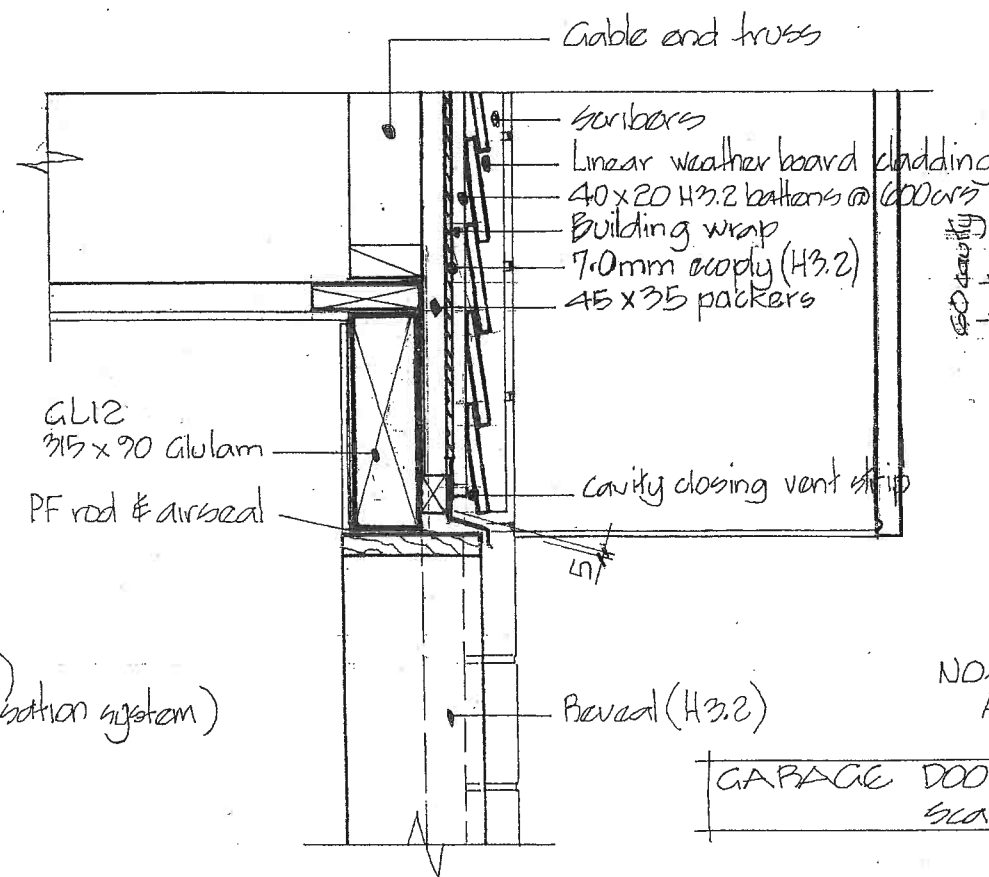
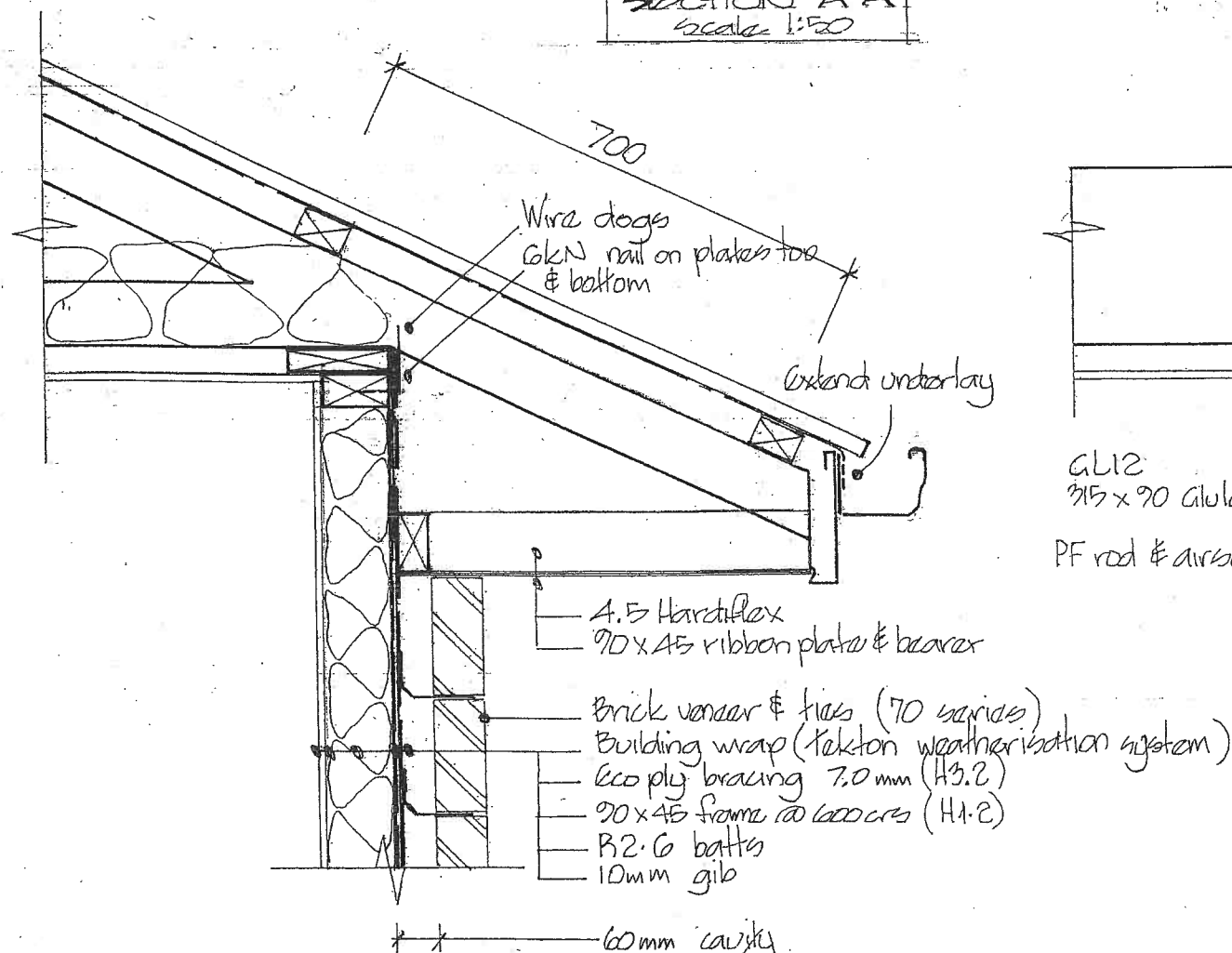
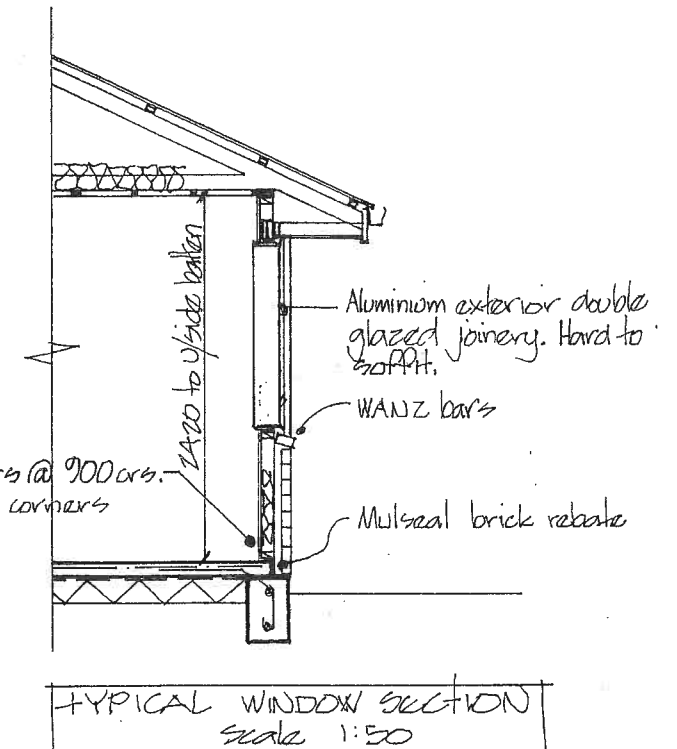
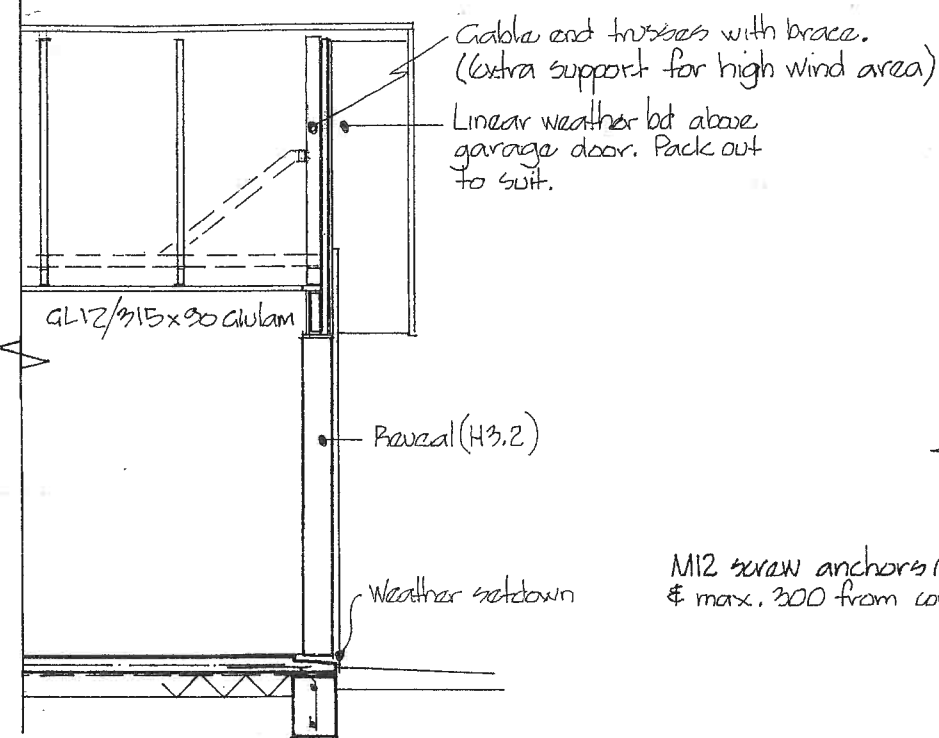
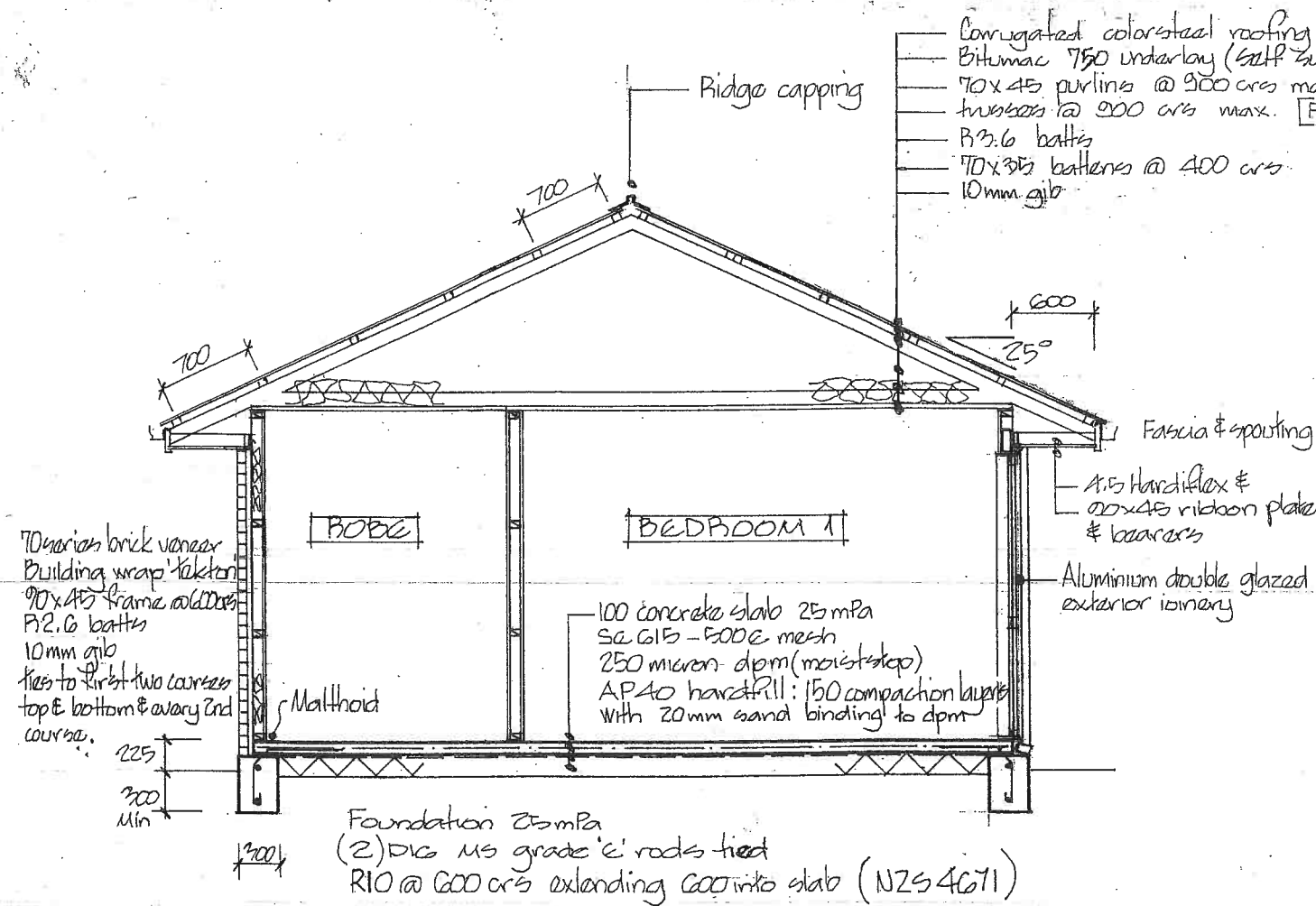
Figure 68: General pipe penetration
Paragraph 9.1.3.3, Figure 124



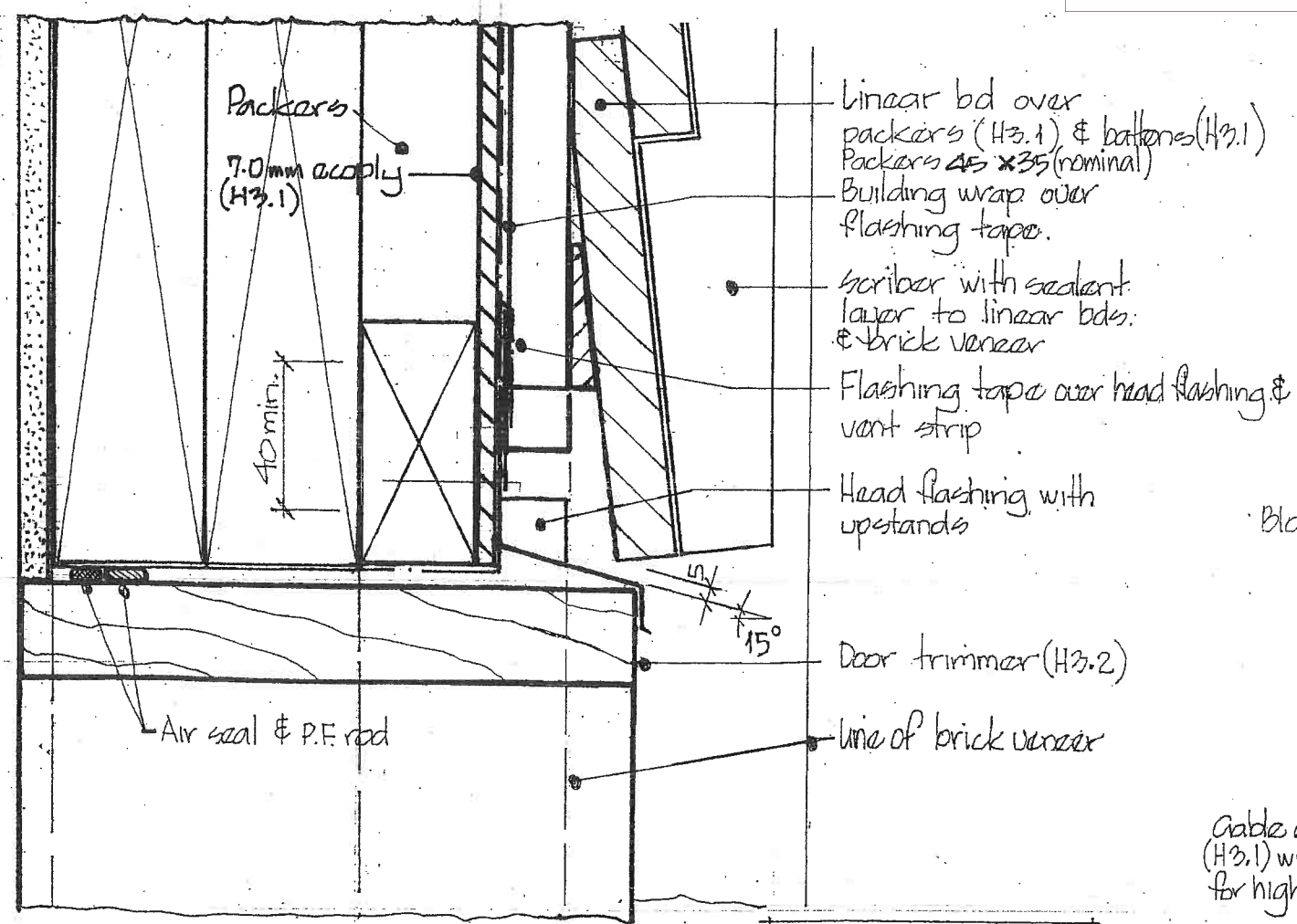
Drn: W. Worrall

RESIDENCE FOR: JUSTIN & KATHLEEN 6 DENTON ST. OAKFIELDS EST AUBRELEY

2

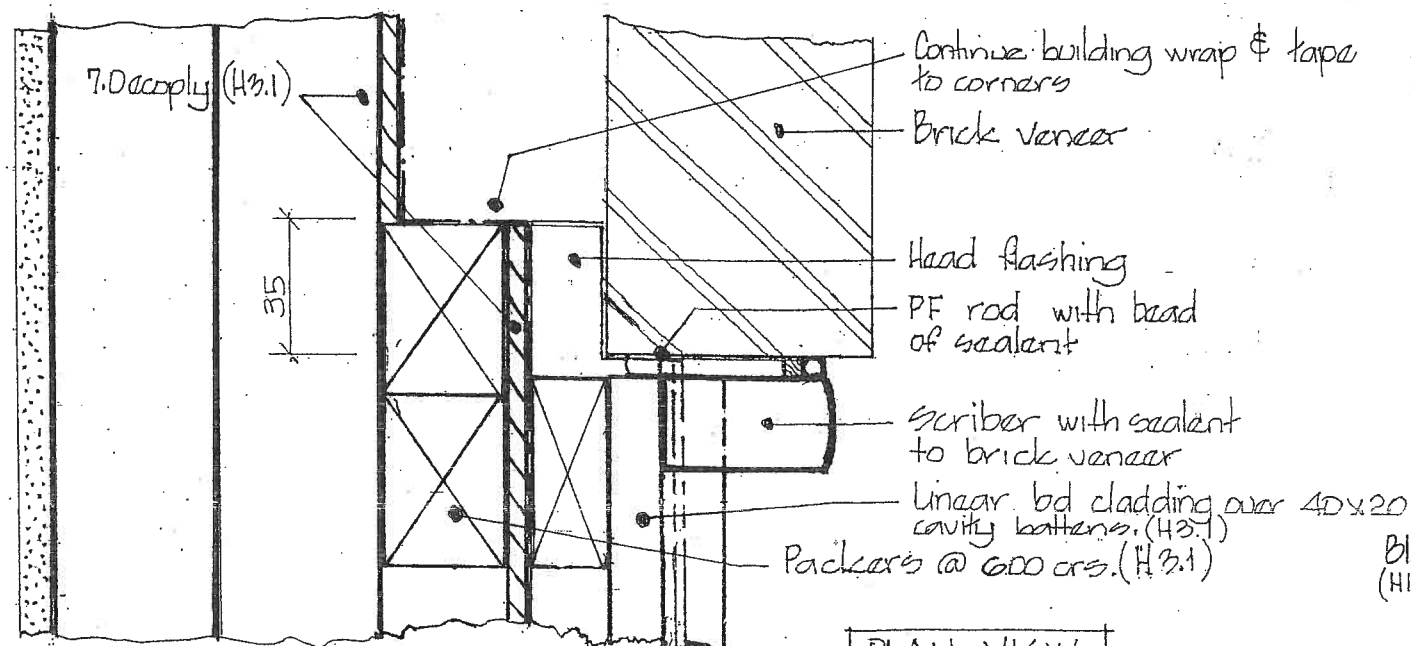


Note:
All reinforcing steel grade 'E' (NZS. 4671)



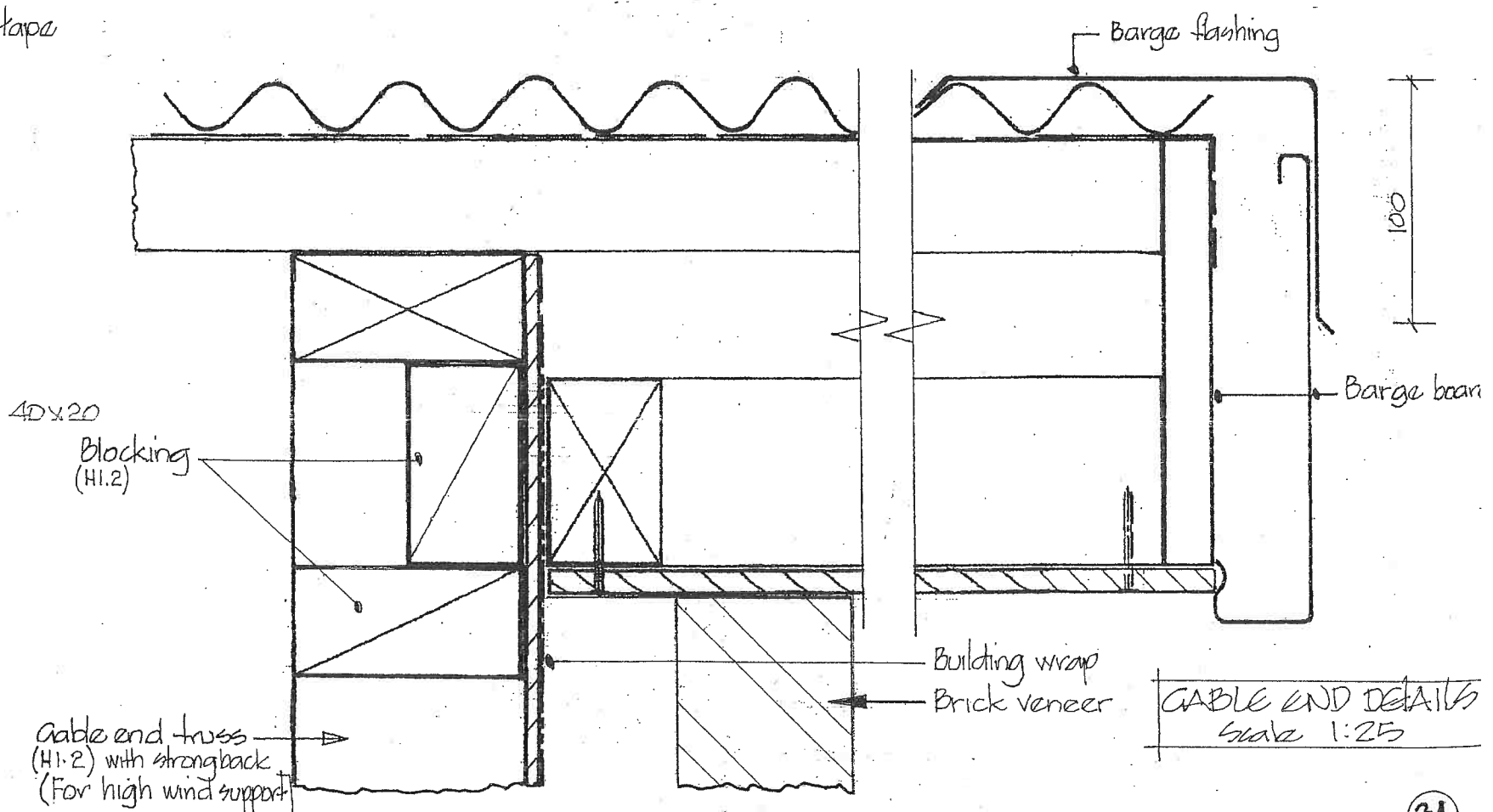
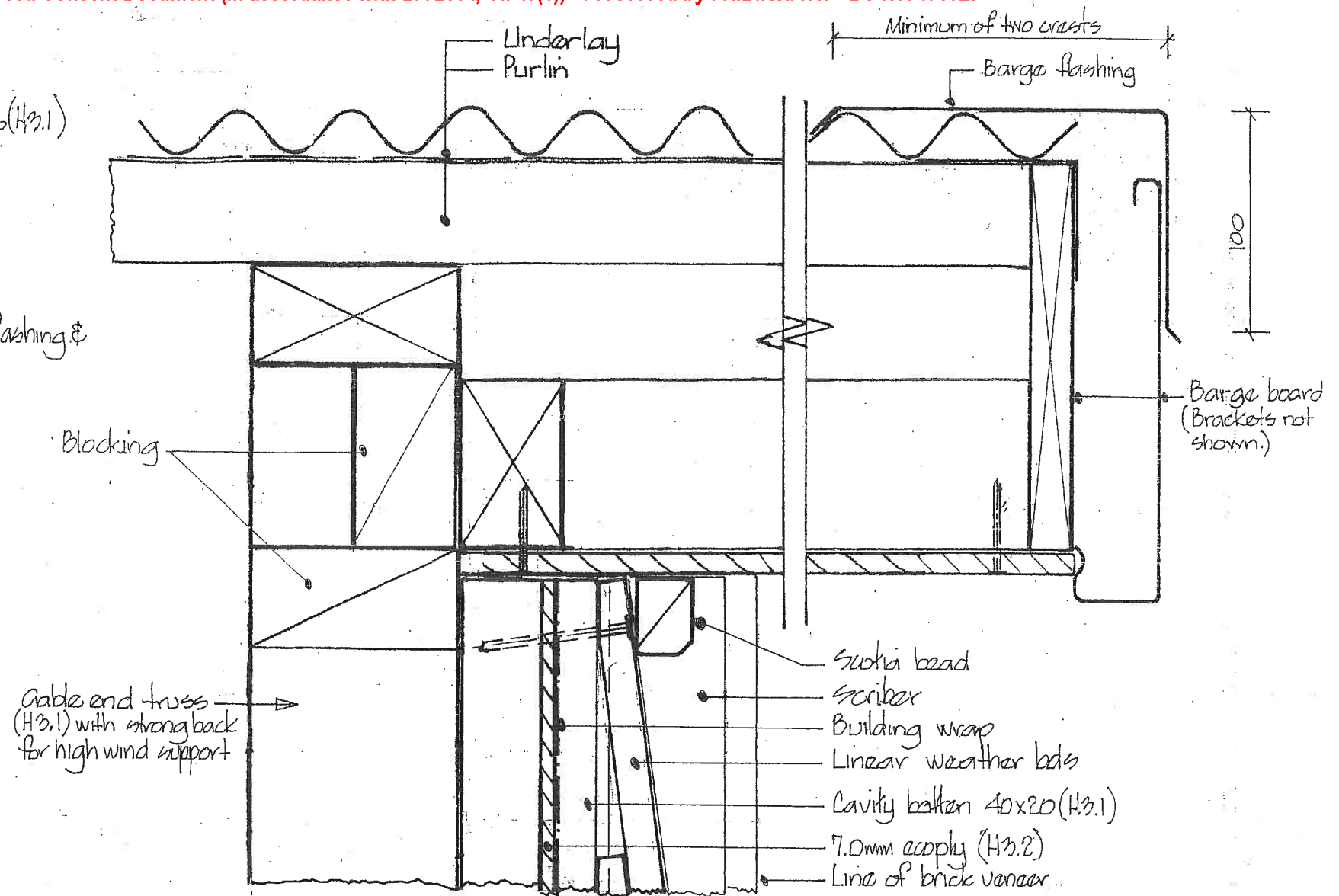
NOTE: Return wrap to opening. Flashing tape to corners (150 each way)

CROSS SECTION
Scale 1:2

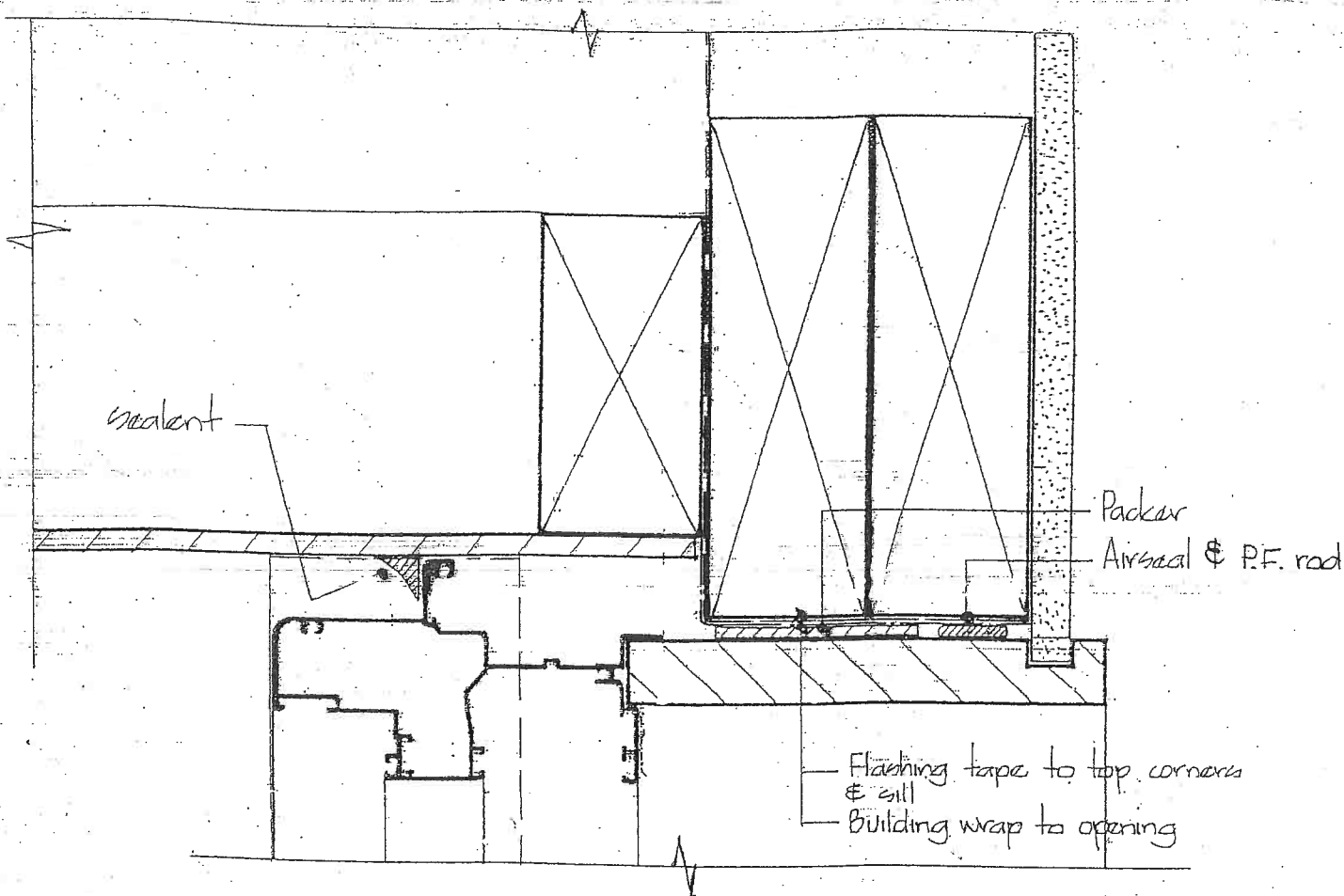


PLAN VIEW
Scale 1:2

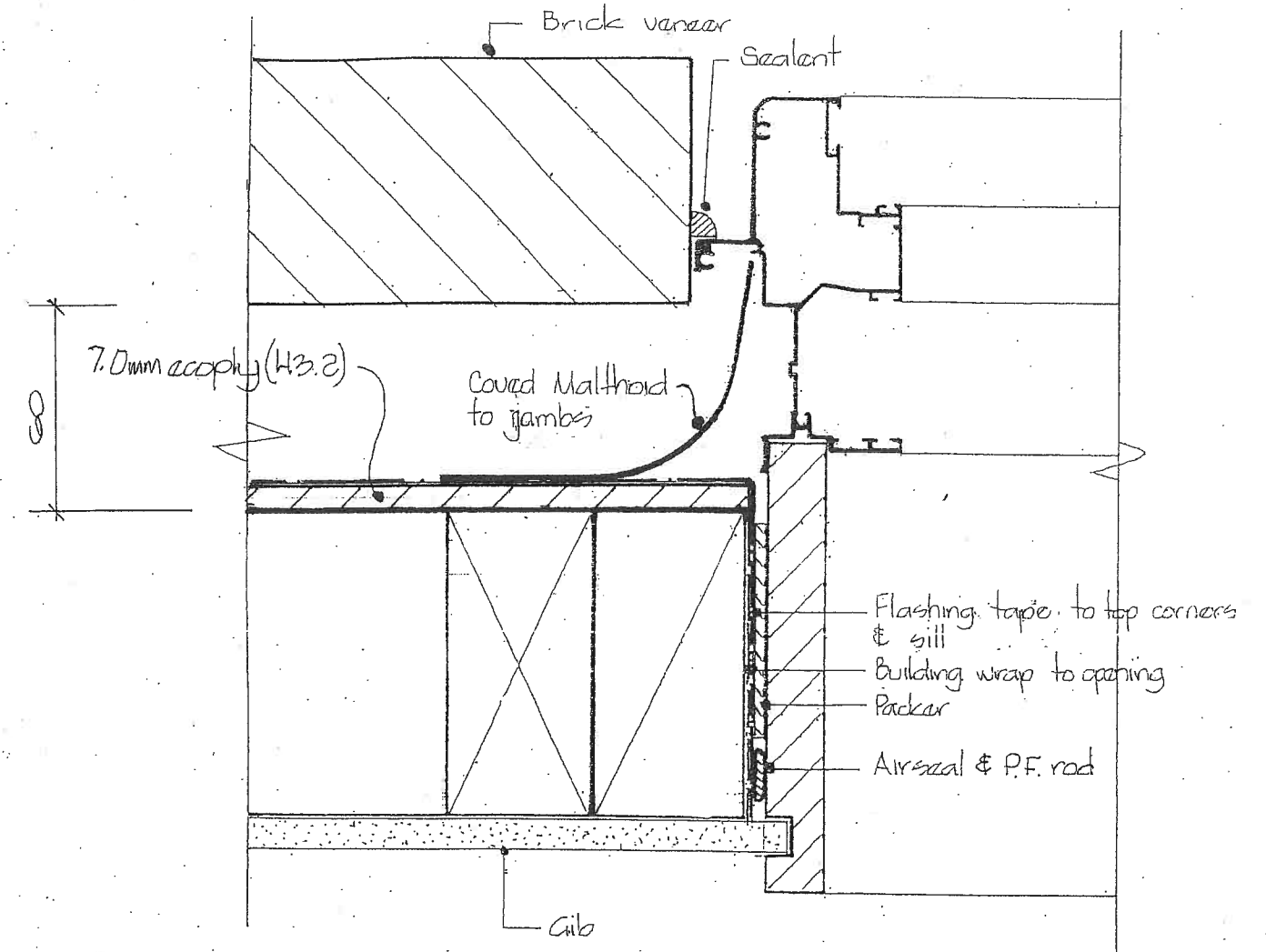
HEAD FLASHING (GARAGE DOOR)



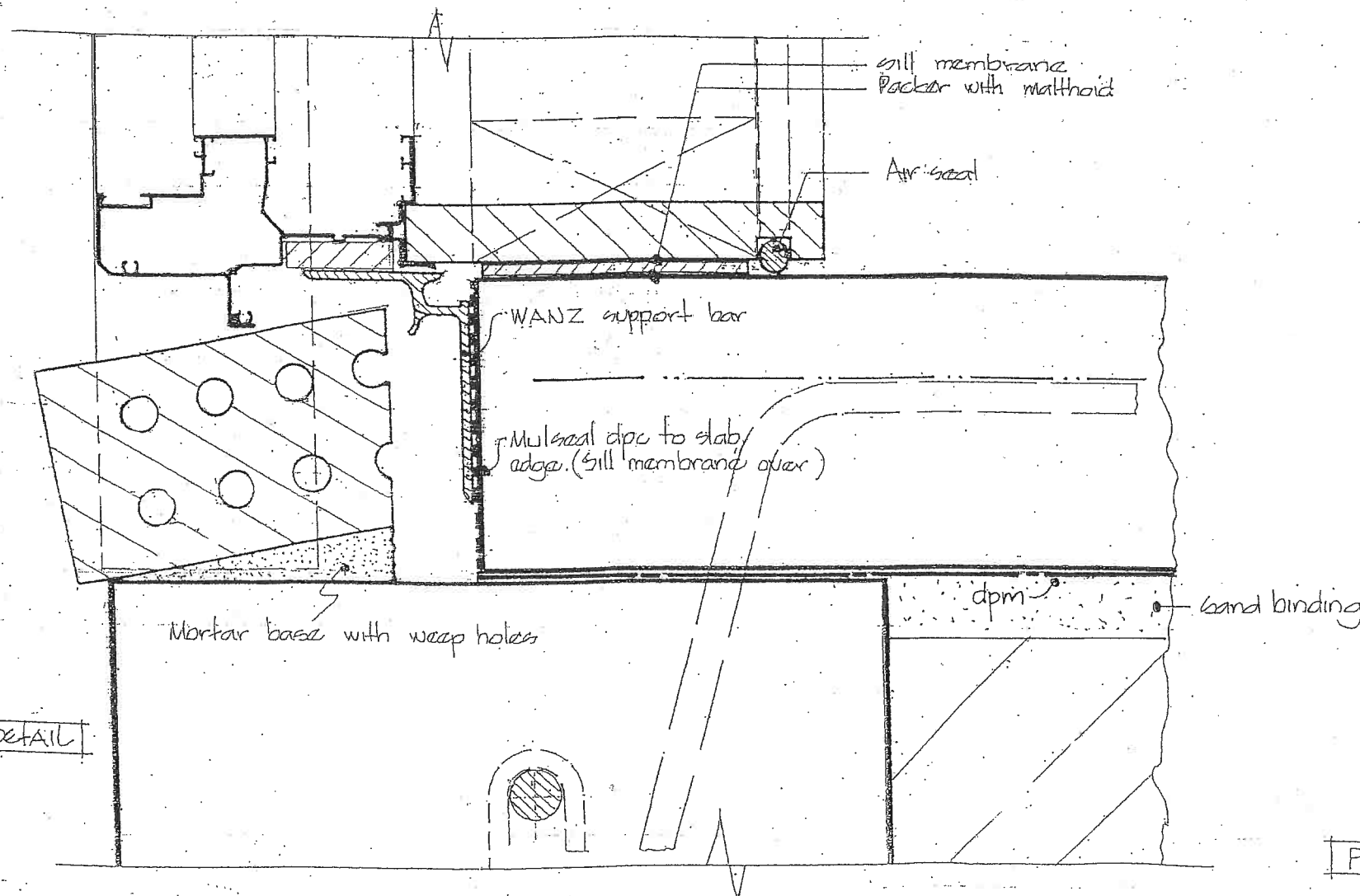
CABLE END DETAILS
Scale 1:25



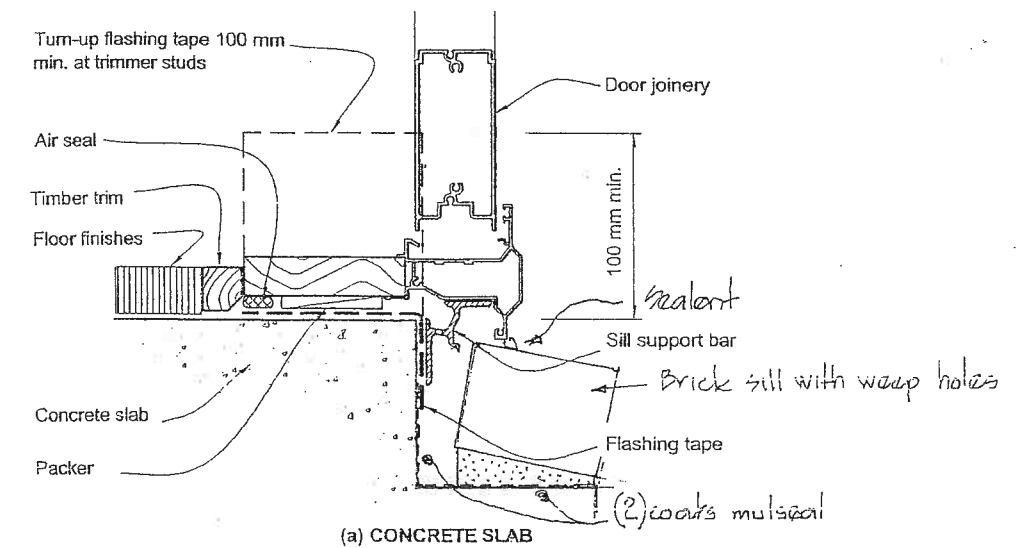
HEAD DETAIL



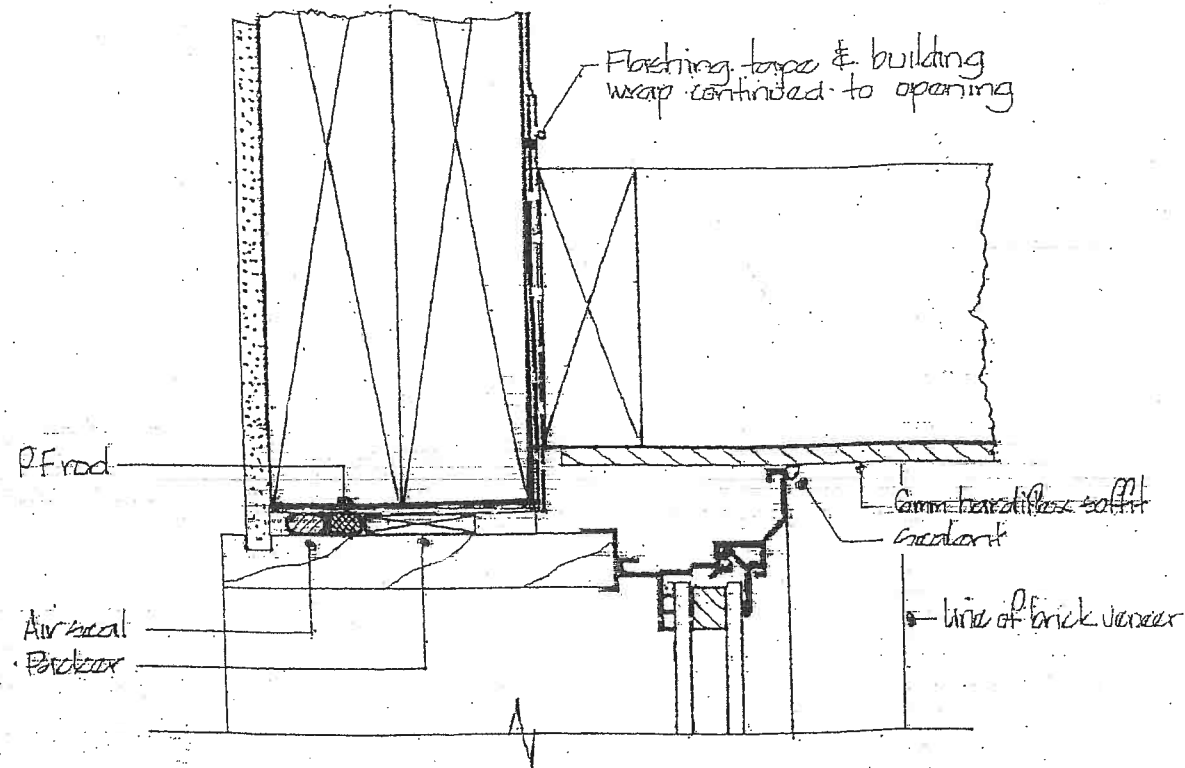
JAMB DETAIL



SILL DETAIL

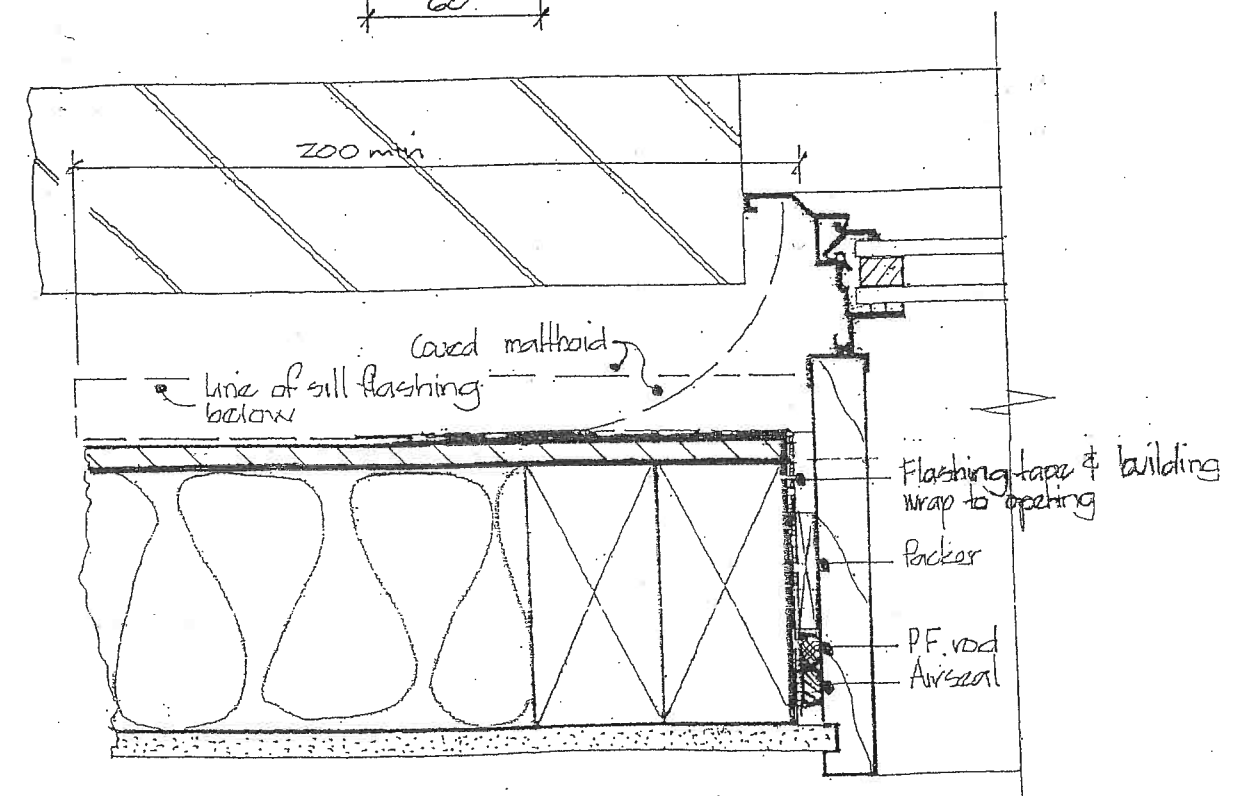
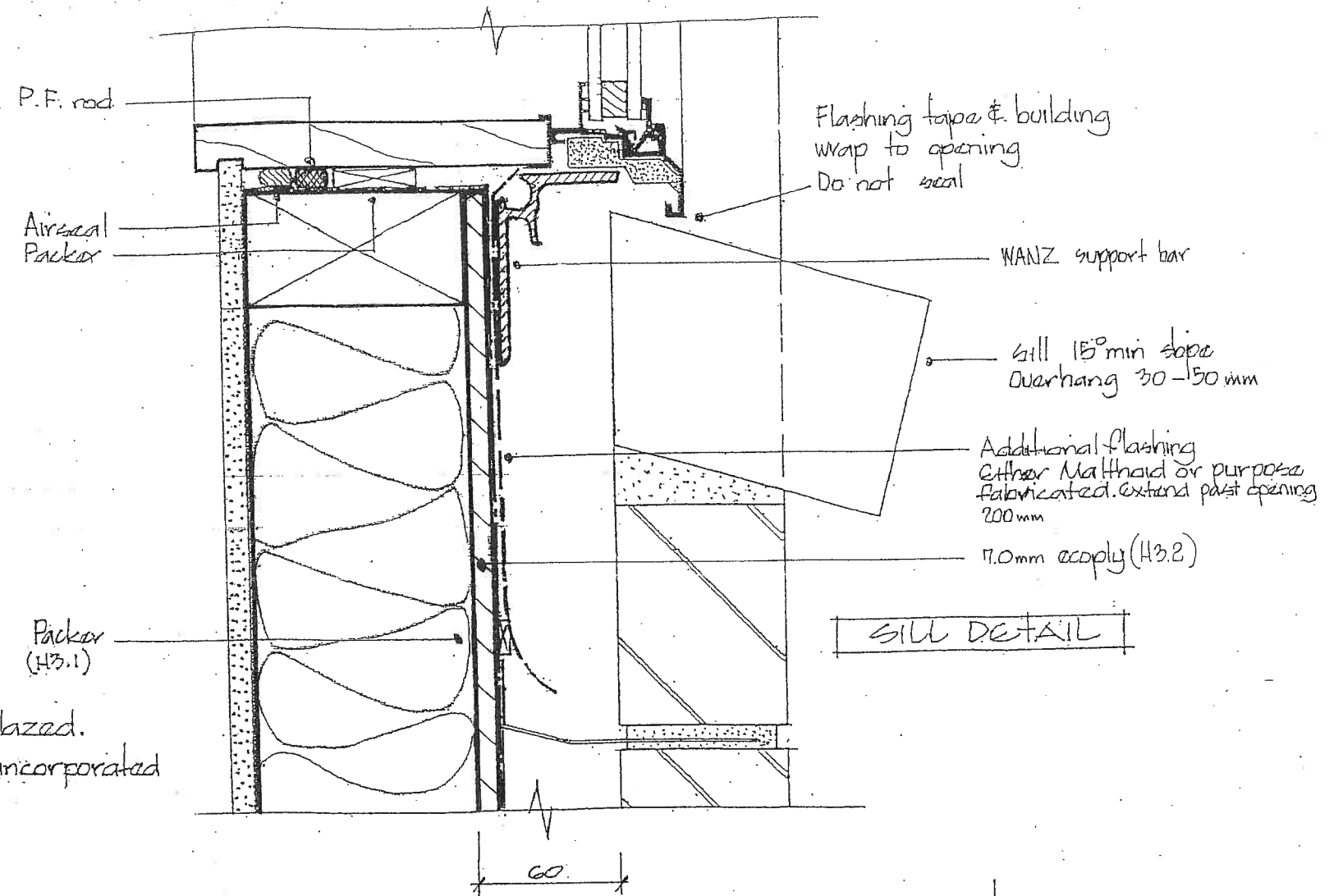


(a) CONCRETE SLAB



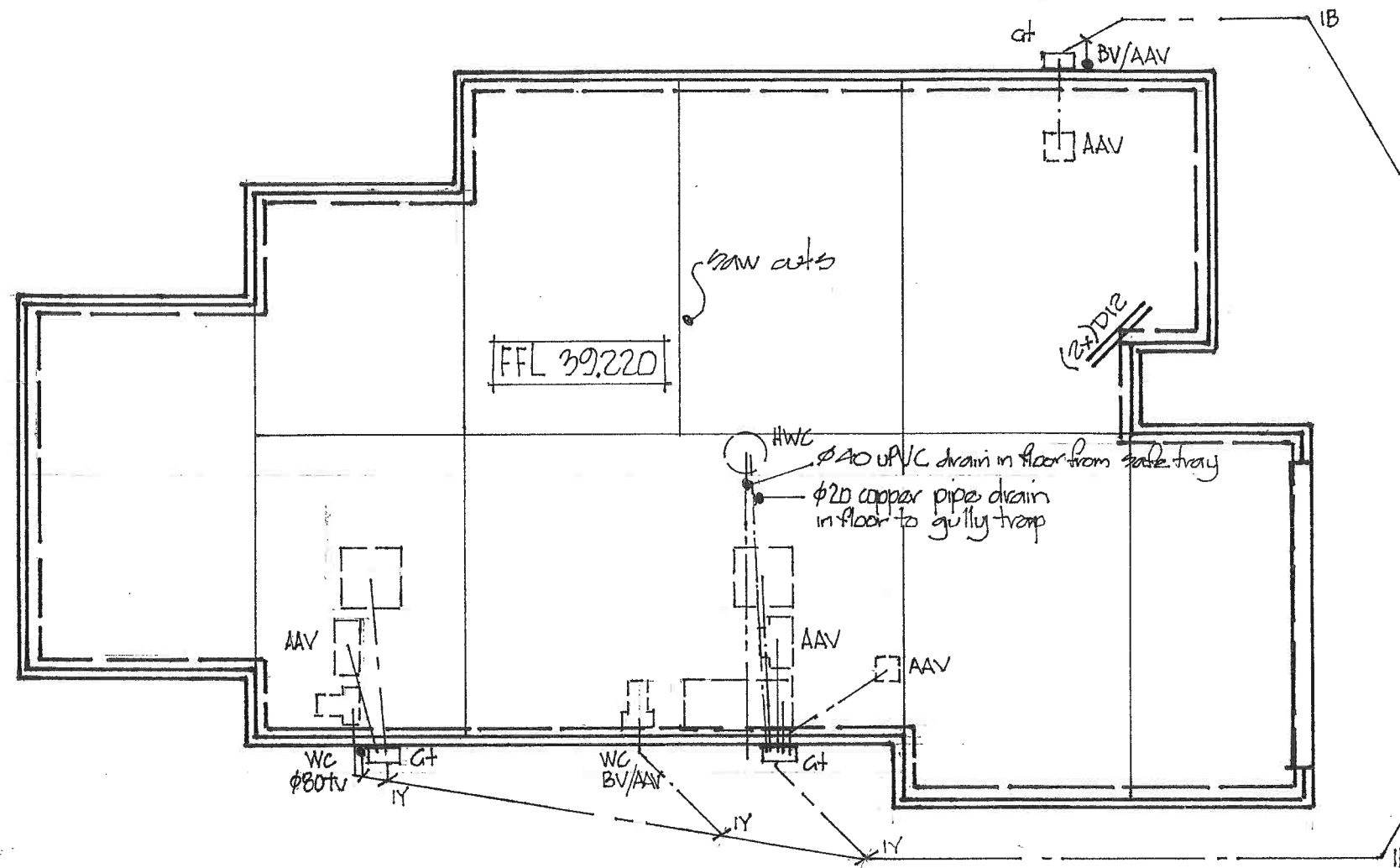
WINDOW & DOOR HEAD DETAIL

All aluminium joinery double glazed.
WANZ support bars to be incorporated



JAMB DETAIL

WINDOW FLASHING DETAILS
scale 1:2.5



SLAB PLAN
Scale 1:100

FOUNDATION & SLAB

Concrete: 25 mPa @ 28 days. (2) D16. M.S. rods tied P10 @ 600 c/s extending 600 into slab (Grade 'E' NZS 4671)

Slab: 25 mPa 100mm thick. Mesh S6615-500 grade 'E' minimum. (S662 may be used)

Saw cuts: 6mm wide x 25 deep. Avoid cuts to tiled areas if possible. (Cuts to be made when concrete is green)

Under slab foul water pipes: sink- $\phi 50$; vanity, tub bath & showers - $\phi 40$; WC - $\phi 100$

Gradients - 1:40; laundry - 1:30

$\phi 20$ copper pipe as HWC drain to gully trap

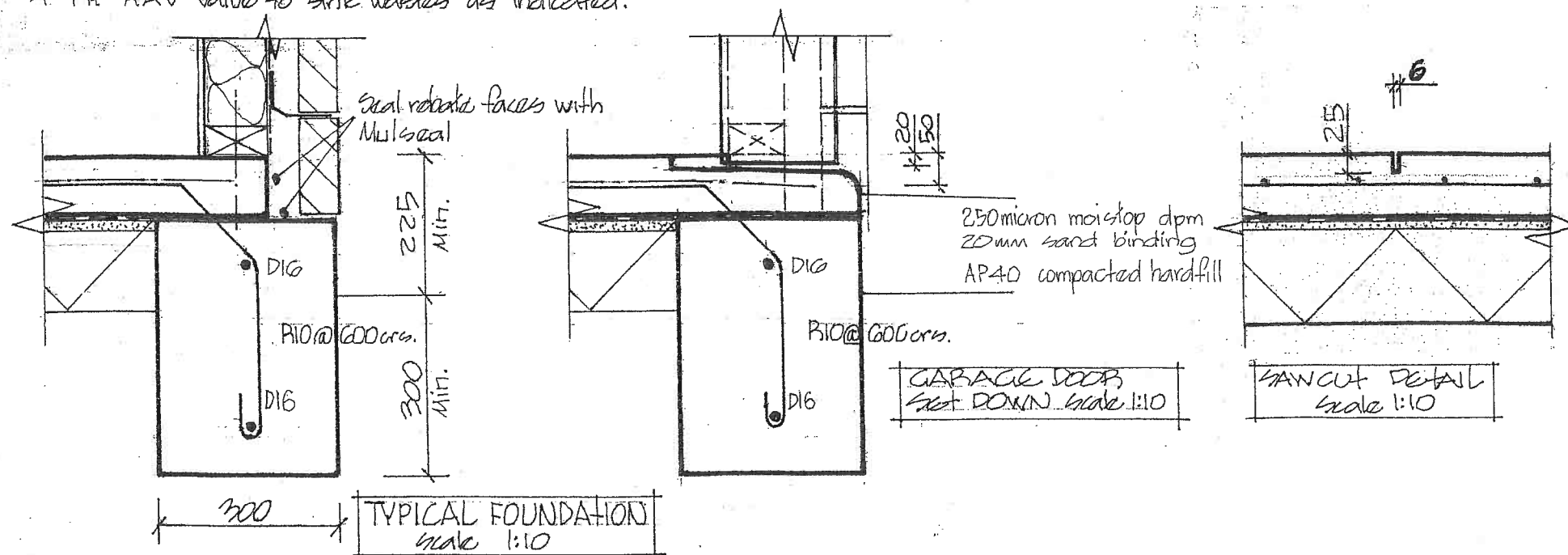
$\phi 40$ UPVC pipe from HWC safe tray [C12/AS1 (amendment 10)]

NOTE:

1. Engineer required to verify ground condition & bearing @ excavation stage.
2. All footings should be compacted prior to concreting.
3. If site test pits are encountered @ foundation stage they are to be excavated to depth of 1.5m & backfilled with appropriate compacted backfill.

NOTE:

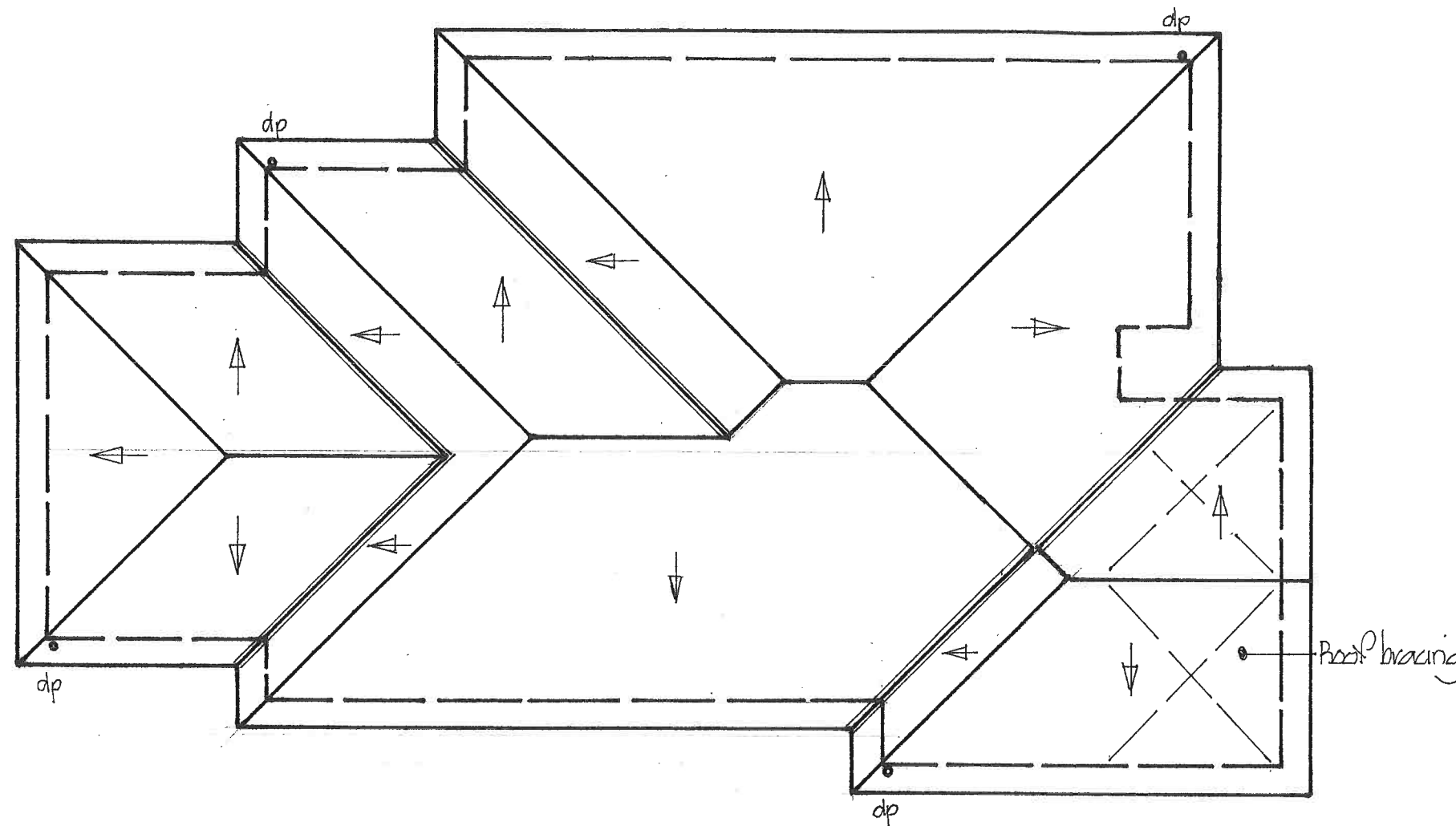
1. All hardstand areas to comply with D1/AS1 (Non slip finish) broom or similar. (table [2]).
2. Lagging to all under slab pipes: "Plumbest pipe sleeve" or similar thermal protection.
3. Pipe supports per: C13/AS1 table (1) sections: G.2 & G.3.
4. Fit AAV valve to sink wastes as indicated.



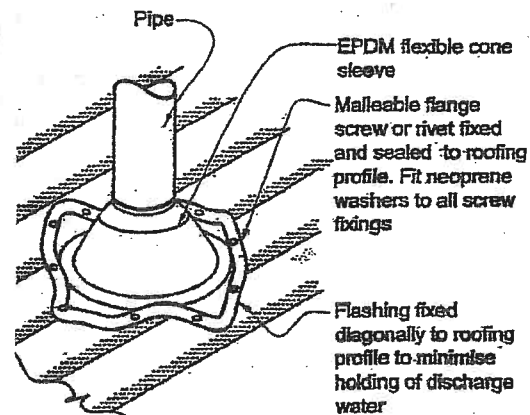
Max. rise of 190mm from hardstand areas to FFL @ entry points

NOTES

1. Roofing 25° pitch
Corrugated colorsteel 0.48 BMt with 600 overhang.
450 overhang to gables.
'Bitumac' 750' self supporting underlay
70x45 (H.2) purlins @ max. 900 c/s (700 c/s @ top & bottom.)
trusses @ max. 900 c/s.
2. Fascia & spouting: colorsteel. Downpipes 75x50.
(1) downpipe per 55m² roof area max. (table:5)
Total roof area: 224 m², NO. d/p's (4) = 56 m²/dp OK ✓
Leaf grates to all d/p outlets

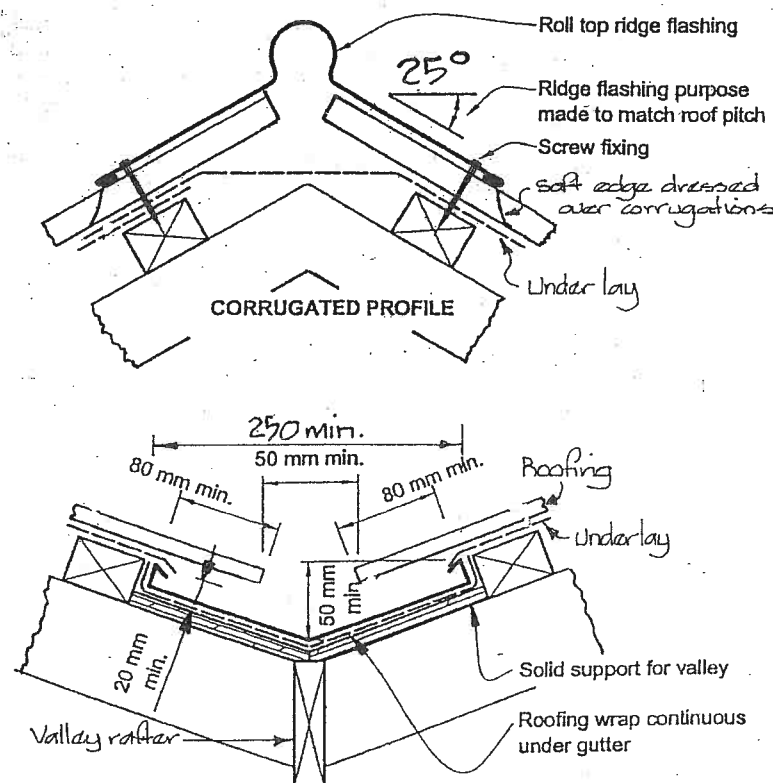


ROOF PLAN
scale 1:100

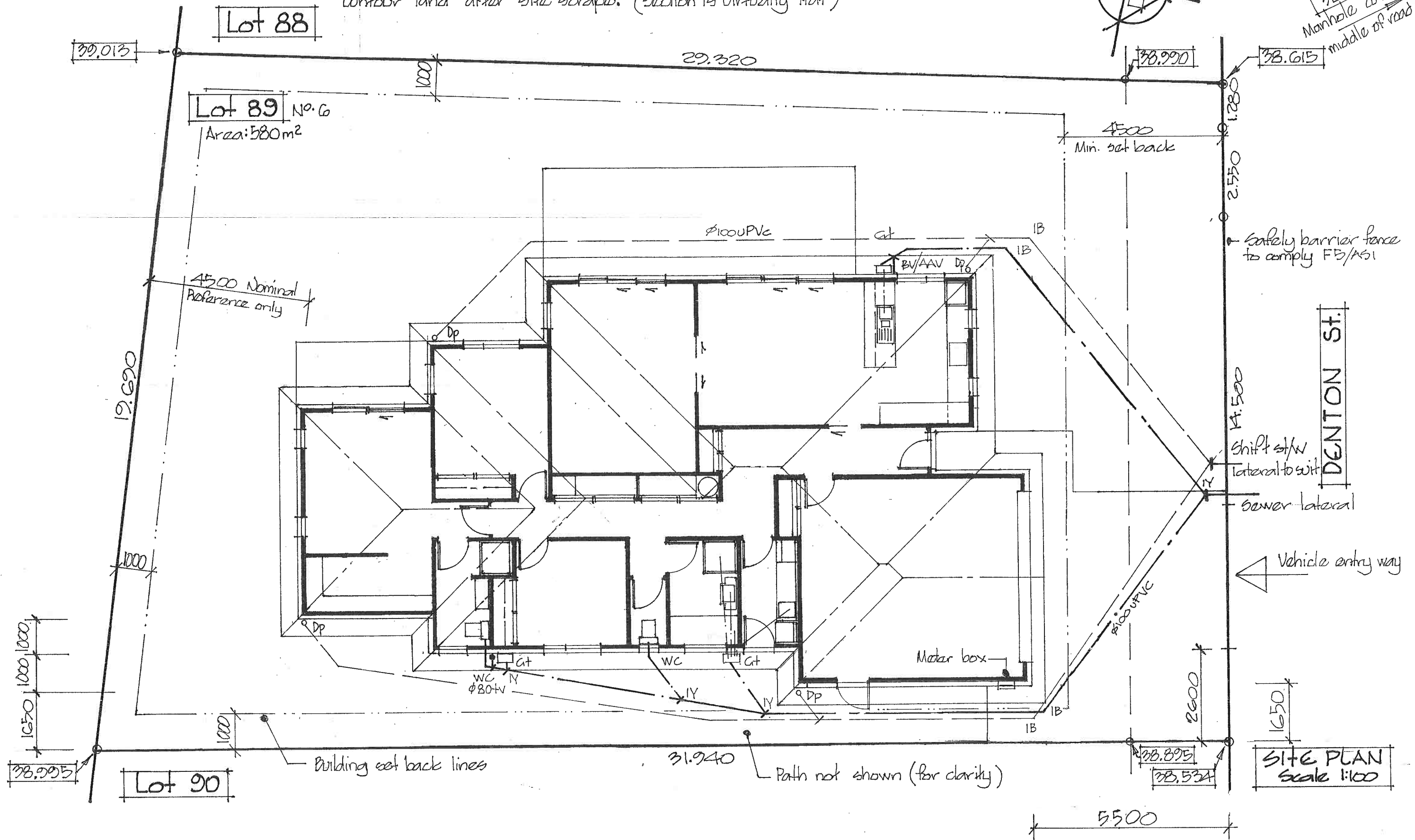


NOTE:

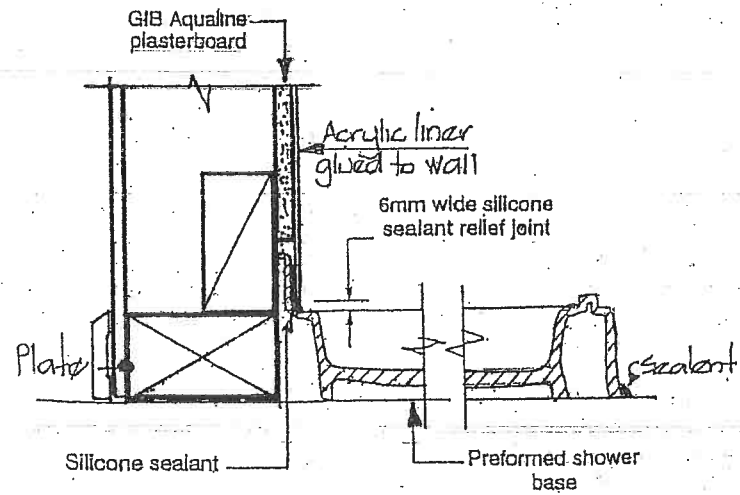
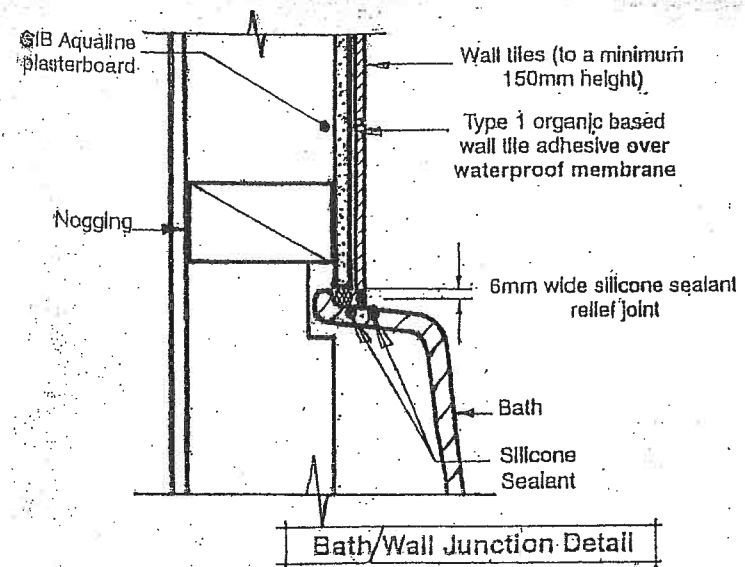
- (1) Max. roof pitch for this flashing 45°, minimum pitch 10°.
- (2) For pipes up to 60 mm diameter.



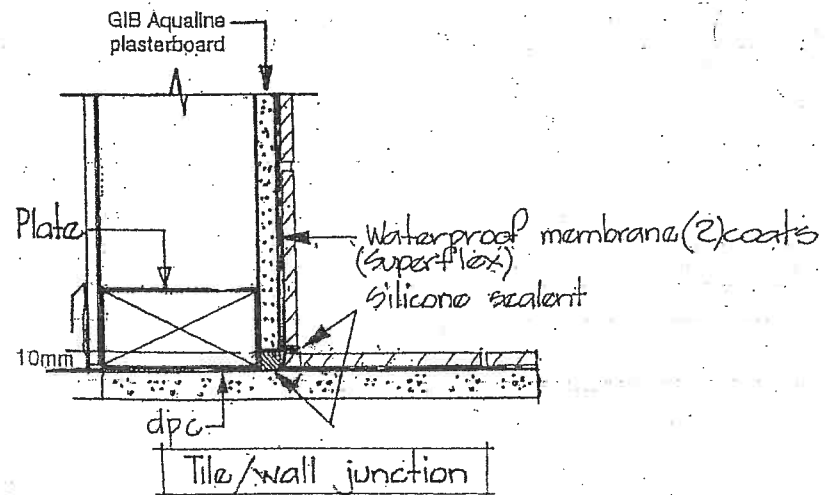
1. Saver & 4" water pipes \$100 PVC min. grad. 1:120
 2. FFL: **39.220** site scrape: **38.995**
 3. Site coverage: $192.28 / 580 = 33.15\%$
 4. All entry access ways max. rise 130mm.
 5. All paths etc to fall away from building to allow run off
- Contour land after site scrape. (section is virtually flat)



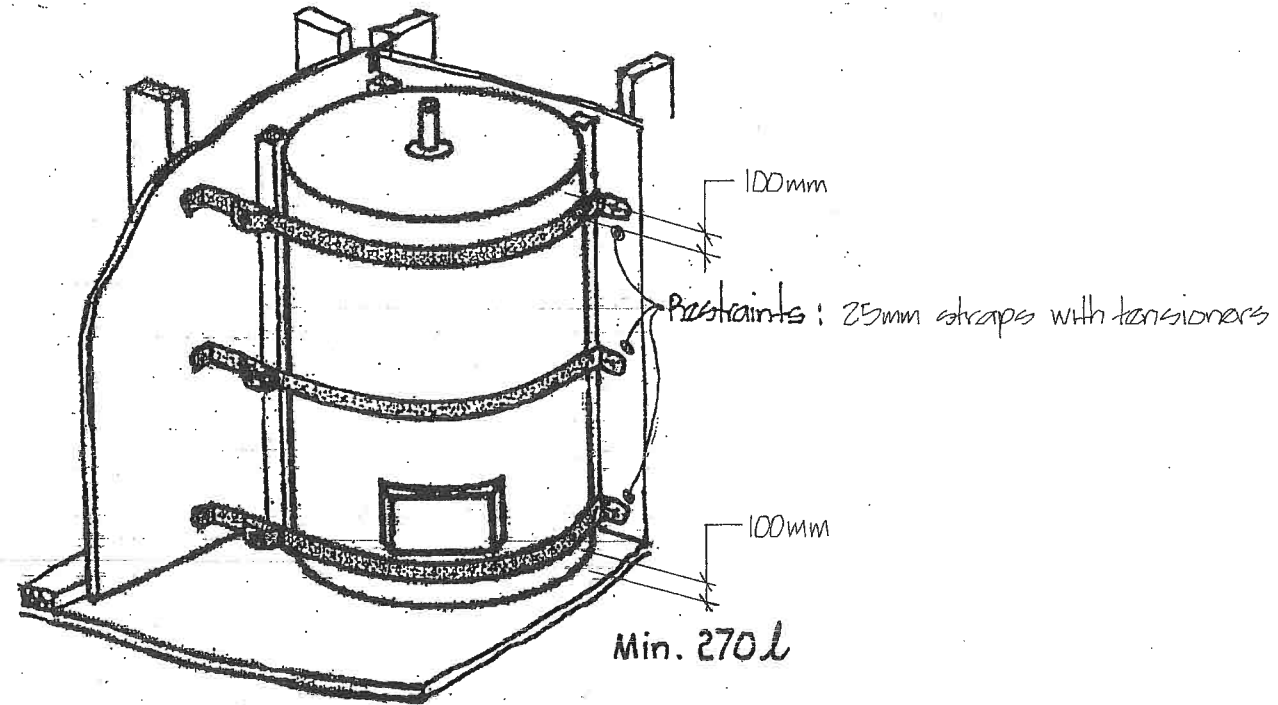
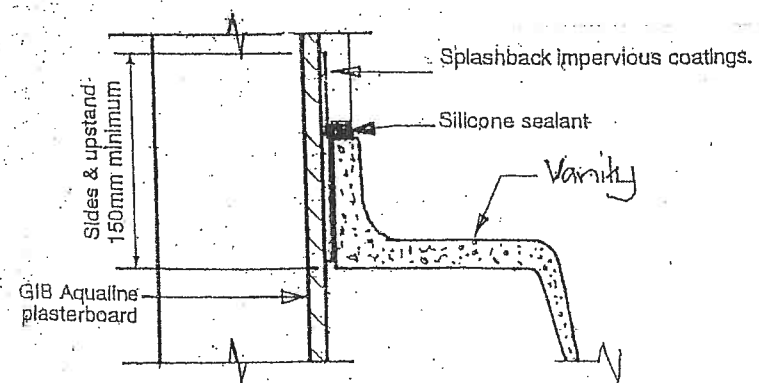
RESIDENCE FOR: JUSTIN & KATHLEEN - 6 DENTON ST., OAKFIELDS EST., AMBERLEY Drn: W. Worrall (6)



Preformed Shower Base Wall Junction
(Bathroom)

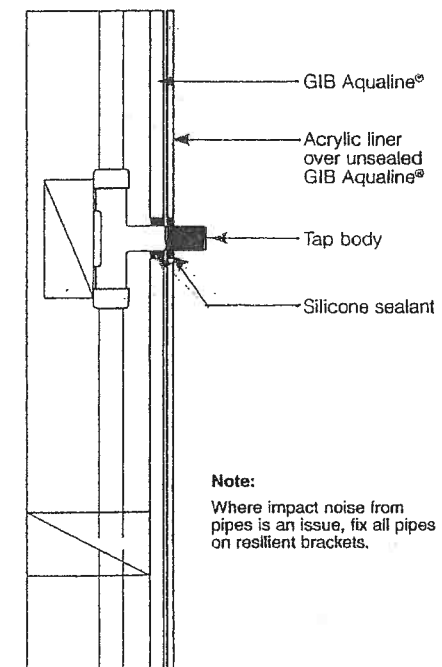
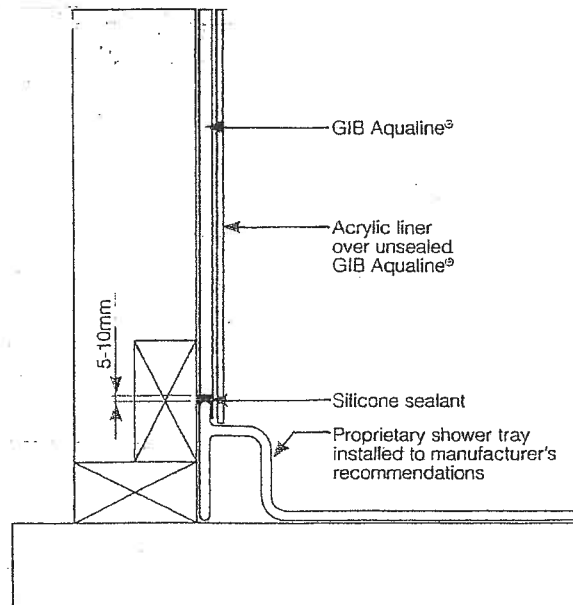


Tile/wall junction

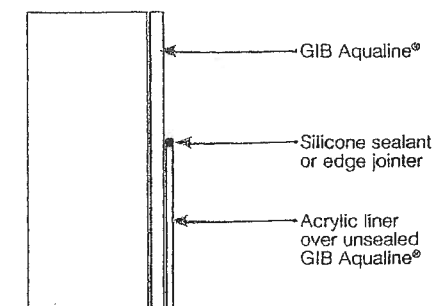
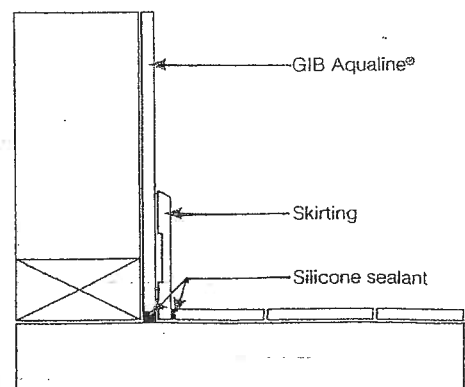


Shower – Acrylic Liner and Base

MARCH 2007



Note:
Where impact noise from pipes is an issue, fix all pipes on resilient brackets.



GoGet Processing Summary Report

Consent No: 170328

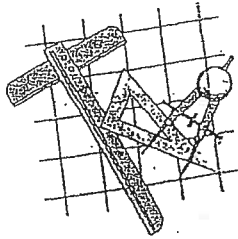
Site Address: 6 Denton Street, Amberley

Description: Three bedroom dwelling with attached double garage

Checklist/Elements	Status	Notes	Processed By
Vetting Checklist	Fail		Angus Malcolm
Building consent/PIM checklist	Fail		AXM3
Deposit/fee supplied	Pass	Yes	AXM3
Building Consent Application - Form 2	Pass		AXM3
Planning check/PIM declaration form	Fail	Missing	AXM3
Certificate of Title	Fail	S&P agreement - no settlement yet so Agent Nomination reqd	AXM3
Agent Nomination form	Fail	required as no settlement yet	AXM3
Any relevant Resource Consents	N/A		AXM3
Design Memorandum Form 2A	Pass		AXM3
Project Drwg/Specification required:	N/A		AXM3
Site plan	Fail	Missing	AXM3
Floor plan	Fail	Missing	AXM3
Elevations	Fail	Missing	AXM3
Cross sections	Fail	Missing	AXM3
Construction details	Fail	Missing	AXM3
Drainage plan	Fail	Missing	AXM3
Bracing Plan & Schedule/Calculations	Fail	Missing	AXM3
Weathertightness Risk Matrix	Pass		AXM3
Written specifications	Pass		AXM3
Roof truss	Pass		AXM3
Other producer statements	N/A		AXM3
Liquefaction assessment	Pass	Zone 3 - No assessment required	AXM3
Compliance schedule information	N/A	Residential - no CS required	AXM3
Receipt of consent documents	Pass		AXM3
Approval	Fail	Application is not yet accepted All information not yet supplied	AXM3
Wood burner consent checklist	N/A		AXM3

I am satisfied on reasonable grounds that the provisions of the Building Code will be met if the building work in relation to the attached application is properly completed in accordance with the attached plans and specifications.

Signed: _____ Date: 3 July 2017 4:06 pm
Angus Malcolm



SPECIFICATION : 6 Denton St. (Lot 89)
Oakfields Est. Amberley

PRELIMINARIES

EXCAVATION

CONCRETE AND REINFORCING

BRICKLAYER

WINDOWS

CARPENTER

JOINERY

PLUMBER

DRAINLAYER

ELECTRICIAN

PAINTER

ROOFING CONTRACTOR

DESIGNER: WAYNE WORRALL Ph. 03-313 3744

INSURANCE OF WORKS:

The Contractor shall insure the works under a "Contract Works" insurance policy as commonly is in use in New Zealand. Such a policy and the insurer shall both be acceptable to the Employer.

The contractor shall effect insurance against earthquakes.

The Contractor shall effect insurance against fire.

VARIATIONS :

No variations of any kind shall be made to the contract without direct instruction in writing from the employer. The price of any variation must be agreed to in writing before being proceeded with.

SAFETY PRECAUTIONS:

Allow for complying with all requirements of the New Zealand Building Code.

POWER SUPPLY:

The contractor will arrange for the contractors power supply connection on site and arrange all necessary fees to be paid.

ATTENDANCE OF TRADES:

Make good after all trades. The contractor shall leave all necessary holes, chases, sleeves, ducts etc. as required by subsequent trades.

SETTING OUT:

Any discrepancy between work as set out and the drawings must be reported to the designer before any work is carried out. The contractor is responsible for the accuracy of the setting out.

The levels shown on the drawings are approximately correct but tenders shall verify these as no claims for extra will be allowed on the basis of incorrect levels shown.

INTERPRETATION:

Work or materials shown on the drawings or specified and not shown, must be supplied as though both shown and specified. Materials shown but not specified must be of the kinds commonly employed for the service they are intended to perform and shall be the best of there respective kinds, qualities, classes, and grades and shall be in compliance with the NZBC. All figured dimensions shall be taken in preference to scale. The Contractor shall be held responsible for the setting out of work and he shall make good at his own expense any errors that occur through his lack of checking or faulty workmanship.

SCAFFOLDING:

Allow for the provision and the erection of all external and internal scaffolding required , allowing the free use of the same to all tradesmen engaged in the works, maintaining to the satisfaction of the authorities and removing at the completion.

FINISHED WORK:

It should be clearly understood that a high standard of workmanship and finish is required throughout the contract. Should any trade consider that any surface finish or fitting be not in a satisfactory condition to ensure a proper fitting for his own before anything further is done, and under no circumstances what ever shall such finishing work be proceeded with until the necessary improvements have been made. Failing such notification and correction, the finishing Trade concerned will be held responsible for a poor finish due to such unsatisfactory conditions.

EXCAVATOR

PRELIMINARY AND GENERAL:

Note Preliminary and General clauses apply to this trade.

ALLOWANCE OF TENDER:

Allow for foundation depths as shown on the drawings. If there are to be any variations from dimensions shown there is to be prior written notice given.

SETTING OUT:

Set out the work as shown or implied on the drawings. Check accuracy in terms of position, levels and square.

BACKFILLING:

Backfilling around foundations with approved material and thoroughly consolidate. Remove all timber and other rubbish and loose material before backfilling.

Spread top soil over backfill and leave suitable for sowing grass.

HARDFILL:

Hardfill shall consist of AP40 well consolidated. in layers max. 150mm thick

REMOVAL OF SPOIL:

The excavator shall remove all surplus material away from the area of the building. Stockpile on the site where directed by the owner.

GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

MATERIALS AND WORKMANSHIP:

The whole of the concrete work shall comply with the New Zealand Building Code and the relevant New Zealand Standards.

CONCRETE STRENGTH:

The following shall be used unless specified otherwise on the plans:

- | | |
|------------------|--------------------|
| (A) Foundations. | 25.0 Mpa @ 28 Days |
| (B) Floor Slab | 25.0 Mpa @ 28 Days |

FORMWORK:

The formwork and the false work shall be constructed to provide a high standard of "fairface" finish. The surface to steps in entry ways are to have a wood float finish to comply with the N.Z.B.C. D1/AS1

REINFORCING:

The reinforcing steel shall comply with the following requirements:

- | | | |
|---------------------------------------|--------------------------|------------------------|
| (A) Mild steel reinforcing (Plain) | Shall be grade 300E | } NZS 4671
NZS 3109 |
| (B) Mild steel reinforcing (Deformed) | Shall be grade 300E | |
| (C) Mild steel reinforcing mesh | Extra ductile grade 500E | |

FLOOR SLAB:

- (A) Damp proofing:

Lay 0.25mm minimum polythene, lap joints 150mm and seal with pressure sensitive tape.

- (B) Floor slab:

The concrete floor slab laid over the Barrier and hardfill shall be 100mm thick unless otherwise specified on the plans. *Mul seal the rebated area for bricks*

- (C) Floor Finish:

The slab shall be finished while still green. Any resulting ridges shall be trowelled off with a steel float. A high standard of finish is expected. Allow to fill and finish with a steel float all pockets, recesses, chases, etc. left for pipework and other trades.

- (D) Shrinkage Control Joints:

Provide shrinkage control joints at 6 metre centres maximum by 6mm wide saw cuts to a depth of 25mm at an appropriate time but not more than two days.

CHASES ETC:

Form all chases, pockets, flashing grooves etc as are necessary for the complete and proper execution of the work.

EMBEDDED ITEMS

To foundations use M12 screw anchors @ 900mm c/s max and 300mm c/s from corners

BRICKWORK

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

GENERAL

Brick veneer shall be built in accordance with NZS 3604/2011 and NZS 4210P 1981 Code of Practice for Masonry Buildings

SCOPE

The laying of bricks to House and Garage.

Bricklayer to supply all: mortar, galvanized steel angles at lintels, and ties.

MATERIALS

Bricks shall be 70mm series (Clay type)

Cement for mortar shall be ordinary Portland Cement.

Sand for mortar shall comply with NZS 3103:1976 Sands for Mortars.

Plasticizer for mortar shall be followed exactly to the manufacturers instructions.

Water shall be of drinking quality and free from impurities.

Mortar shall be colored to match bricks and composed of one part cement to one part lime to four parts of sharp sand mixed for not less than five minutes. All mortar shall be used within 90 minutes of mixing.

WORKMANSHIP

Work shall be carried out by expert bricklayers & only the highest standard of workmanship will be accepted.

Bricks shall be laid fairface, stretcher bond, and perpend kept true.

Provide weep holes vertical at every third brick at bottom course and similar ventilation slots at top row of bricks next to soffit lining.

Care shall be taken to prevent mortar droppings from falling into the cavities.

Joints shall be tooled to a concave shape.

Brickwork shall overhang foundation by 10mm and butt up to all window and door frames.

Fix galvanized ties to timber framing at every 4th course and spaced out along the course at 600mm intervals as work proceeds. If over size bricks are used fix ties @ every 2nd course, top & bottom two courses also to be tied. On completion clean down and make good around pipes and vents etc. penetrating the brickwork.

METAL WINDOWS AND DOORS

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

GENERAL

Workmanship and materials shall where applicable comply with NZS 4211 and NZS 504.

MATERIALS

Windows and doors shall be aluminum with epoxy powder coat finish, colour to be (see Owner).

Timber reveals shall be ex 25mm and be of selected H3 Radiata having joints mitred at corners. grooved to receive wall linings.

All sill sections to have condensation channels.

HARDWARE

Each sash shall have two tongueless nylon wedge fasteners.

Friction stays shall be Interlock or similar approved.

Entry door to have keyed lockset. awning Garage door to have a patio locksets.

WANZ support bars to be used.

GLAZING

All windows to be double glazed.

Glass to aluminum windows and doors shall be sized, supplied, and fitted by window manufacturer all to AS/NZS 4666 together with NZS 4223 Part(1) & Part(3)

Obscure glass at all bathroom windows shall be Pacific pattern.

Safety glass as required. (below 800mm above Floor & ensuite & bathroom)

ENTRY DOOR

Front Entry door shall be timber in alloy frame. approx size 1980 x 860mm flush paneled door.

CARPENTRY**PRELIMINARY AND GENERAL:**

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

GENERAL

Workmanship and materials shall comply with NZS 3604: 2011 Timber Framed Buildings. All finished work shall be protected from discoloration, surface injury or other damage.

MATERIALS

All timbers shall be of the grades and qualities scheduled, where applicable, to comply with NZS 3631.

Precut / Prenail Frames Priced On The Following

Prenailed External Frames:	90x45 KD/H1.2 J Frame	@	600 ctrs
Prenailed Internal Frames:	90x45 KD/H1.2 J Frame	@	600 ctrs
Dwangs:	2	(rows)	

Wall framing only

Includes All Lintel & Stud To Top Plate Fixings, Supplied Loose, (Not Fitted To Frames)

Includes DPC To All Bottom Plates Of Frames

Associated Loose Timber Required Priced On The Following

External Top Plate Batten 140x35 KD/H1.2
Internal Top Plate Batten 140x35 KD/H1.2
Ceiling Battens @ 400ctrs 70x35 KD/H1.2

Purlins 70x45 KD/H1.2
Valleyboards 150x25 RS/H1.2
Garage Door Reveals 200x40 FJPP/H3
Garage door lintel Included

Roof Trusses

Truss Timber:	90x45 KD/H1.2	Roofing Material	Longrun	Degree roof pitch:	25
Truss Spacing:	900	Soffit Width	600		

Skirting etc.

Customwood

Nil

WALL FRAMING

Plates shall be in long lengths. use nail plates at all connection points.

Frame up walls with 90x45 studs at 600mm cts. Cut in dwangs at 800mm cts to suit linings.

Brace walls with "Gib. ozy brace system" bracing where indicated on the bracing schedule. (Refer gib bracing manual)

Other bracing : 75 structural 60ply (H3.2) (Use stainless nails)

ROOF FRAMING

Pitched roofs shall be framed up with Gangnall type trusses at 900mm c/s max. : *M42B*

Licensed manufacturer to supply a truss layout plan and producer statement to the Builder.

Fix trusses to top plate with pair of galv Z nails. (per connection) \$ (2) 100 x 3.75 nails *skewed*

Fix 70 x 45 purlins at 900 c/s max. *M42B (H1-2)* Fixing (1) 10g x 80 self drilling purlin screw
 Bitumac 750 self supporting underlay. (Use netting if dark roof colour is used)

CEILING FRAMING

At all ceilings fix 70 x 35mm battens at 400mm c/s. packed to provide a true level surface for fixing of 10mm gib ceiling linings.

EXTERIOR WALL COVERINGS

(i) Building Paper: Use 'tektion' weatherisation system to line framework.

(ii) Hardiflex
 Fix 4.5mm hardiflex to all soffits.

INSULATION

At exterior walls fit R 2.6 batts at brick veneer. Fit R2.6 batts at Garage/House internal wall.

Fix R3.6 fibreglass batts to all ceilings.

INTERIOR LININGS

(i) Gibraltor board.
 Generally line all interior framed timber walls with 10mm gib board and ceilings with 10mm gib board.

Use 10mm Gib Water Resistant board at all wet areas. (Aqualine)

Generally lay sheets horizontally and loosely butt sheets and plaster to a smooth finish suitable for a paint finish. Use only Winstones gib bedding compound and finishing compound.

All joints to be taped including cornice, with exterior corners to be reinforced with Beadex angles.

Fix all types of gib board as per manufacturers instructions for that particular product. Note extra fixing straps required at bracing panels.

INTERIOR FINISHINGS

Provide and fix all necessary skirtings, architraves and mouldings etc. type to be discussed with owner.

HARDWARE

Door stops, toilet roll holders, door furniture and hardware etc. shall be supplied by the Builder.

GARAGE DOOR

Door jambs and heads shall be ex 200 x 40mm *H3.2 (or size to suit)*

Site measure doors before manufacture. Owner to chose colour of colorsteel cladding.

ROOFING CONTRACTOR

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

WORKMANSHIP AND MATERIALS:

Lay building paper over purlins having 150mm laps running parallel to ridge, and discharge into spouting.

Roofing shall be 0.4mm BMT x G25 X Z400 Colorsteel G2 or similar (Befer builder)

Ridge, hip, valley flashing shall be 0.55 BMT Colorsteel G2 standard ridge flashings. Ridge and hip flashings shall be alloy edged.

All roofing and flashings of the like are to be fitted in accordance to the manufactures specifications

CLEANING:

Brush down roofing with a soft brush to remove any offcuts, fillings etc., to prevent staining of the prefinished surface.

DOWN PIPES SPOUTING AND FASCIA:

Supply & fix approved suitable coloursteel FASCIA and gutter system. Colour to be chosen by the owner.

Provide plain Fascia gutter with fall to down pipes.

Down pipes to be 0.55mm 75 x 50 mm rectangular coloursteel fixed with coloursteel straps.

JOINERY

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

FINISH:

Timbers shall be machine dressed on four sides and machine glass papered to exposed surfaces.

DOOR FRAMES:

Interior door frames shall be Customwood flat jambs 25mm thick and fitted with 12mm plant on stops (unless the owner changes this).

DOORS:

All interior doors shall generally be 1980 x 810mm suitable for a paint finish.

Pre-hang interior doors on 1 1/2 pair 90mm butts

1980 x 810mm panelled entry door to be chosen by the Owner. Carpenter to supply to Aluminium window Manufacturer.

KITCHEN JOINERY:

Joinery shall be designed, manufactured and installed by a firm specialising in this type of work, although if the layout of the kitchen is to change the kitchen design is to insure it is comply with the New Zealand Building Code G3/AS1.

Bench top shall be Formica with 36mm round front edge, cove up stands with opening for sink.

Construct kitchen from white melteca board for frames and shelves, coloured melteca to cupboard door and drawer fronts and edges. *Note: lacquered paint finish may be preferred.*

Pantry to have 6 melteca shelves.

BATHROOM VANITY:

To be constructed as for kitchen joinery.

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

GENERAL

Sanitary plumbing shall comply with G12 & G13 of NZ Building Code.

MATERIALS

Copper tubing shall be cold drawn to comply with NZS 3501. All hot water to be run in Dux Secura plumbing system.

PLASTIC PIPE

- (i) Wastes, terminal vents, vent and soil pipes shall be rigid PVC to comply with NZS 7641 and 7642.
- (ii) Traps shall be polypropylene
- (iii) Polythene underground supply 25mm
- (iv) Polybutylene (Cold water inside house)

WORKMANSHIP

All piping shall be securely fixed to framing to adequately support prevent vibration and shall be concealed in all cases.

FLASHINGS

Where pipes penetrate roof use Dektile neoprene type seals.

DOWNPIPES & SPOUTING

Spouting to be 125 "D" profile with internal brackets fixed at 900mm c/s max.

Downpipes to be 0.55mm 75 x 50mm colorsteel.

COLD WATER SERVICE

Connect up to new water main @ street and run 25mm underground supply to house.

Provide two brass bar outside hose taps.

HOT WATER SERVICE

Connect 270L HWC (mains pressure)

Fit all necessary valves including a tempering valve to hot supply set at 55 degrees C.

Relief pipes to be copper.

Pipe out in 20mm with 15mm branches to all fittings.

TAPS

All to be supplied by the Builder. Allow to fix.

VENTS

Vents shall be solvent sealed PVC domes.

WASTE PIPES AND TRAPS

All traps shall be screwed polypropylene. Wastes shall be solvent welded PVC.

All traps shall be 40mm dia.

SANITARY FITTINGS

All fittings will be supplied by Builder. Allow to connect up.

DRAINAGE

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

WORKMANSHIP AND MATERIALS:

All work shall comply with G13 & E1 of the N.Z.B.C.

Storm water and sewer pipe shall be 100mm UPVC.

Concrete shall be 17 Mpa to N.Z.S. 3109, Specification for Concrete Construction.

TRENCHES:

Cut trenches, graded to falls and after approval backfill and thoroughly consolidate.

Lay drains on 100mm of crushed metal and haunch to centre line, after testing cover pipes to 100mm from top of pipe with crushed metal. (Minimum gradient 1:20.)

SEWER DRAINS:

Provide and install all necessary bends, inspection eyes, junctions, etc, and run drains as shown on the site plan to connect into existing sewer lateral

STORM WATER DRAINS:

Provide all necessary bends, junctions, and inspection eyes, and connect into existing lateral that discharge to swale.

Haunch drains to centre lines with crushed metal as for sewer drains.

ELECTRICIAN

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

SCOPE:

The complete installation and its execution shall comply totally with the N.Z Electrical Safety Regulations 1993, Electrical Codes of Practice, all Electrical Supply Authority regulations and other regulations governing the work involved. Conceal all wiring in framing, Electrician is to supply certifying certificate on completion.

MAINS:

Make all necessary connections to the local authority main, all wiring shall be underground within the site boundary.

Allow to provide temporary power to site for construction.

METER BOX:

Provide and install a galvanised 600 x 400mm meter box where decided with the owner but making sure not to be in a fire wall.

FINISH:

Particular care shall be taken with this section of work, as nothing but a high class finish shall be accepted.

SETTING OUT:

The Electrician shall sit down with the owner and discuss how many points, lights, 2 way switches etc are to be done and price the contract on this.

When frame up is complete the Electrician shall walk through with the owner positioning the points, lights etc.

TELEPHONES SECURITY & TELEVISION

Discuss all these items with the Owner and make allowances for them in the pricing.

APPLANCES:

To be supplied by the owner.

PAINTER

PRELIMINARY AND GENERAL:

Read and note all clauses under Preliminary and General of this Specification where they apply to this trade.

GENERAL

All work shall be carried out by a specialist firm of tradesmen painters in accordance with AS/NZS 2311 2000 Guide to Painting of Buildings.

Protect floors, etc, from paint droppings.

SCOPE

Paint complete interior and exterior of House and Garage.

MATERIALS

All primers, sealers and undercoats must be those recommended by the manufacturer of the finishing coats. Use only Resene paints.

WORKMANSHIP

Colours shall be as chosen by the owner.

At completion clear marks and spots off all surfaces.

PREPARATION OF SURFACES

Surfaces shall be dry, clean, smooth and rubbed down before painting and between coats.

EXTERIOR WORK

- (i) Hardiflex soffits and exposed timbers;
Apply two coats of Resene Lumbersider.
- (ii) New Timber ie. *Garage* door frame, front doors
Prime with enamel, one enamel undercoat, and two coats of full gloss enamel.

INTERIOR WORK

- (i) Gibraltar Board:
Seal with one coat Resene Surseal sealer.

Paint walls with two coats of Low Sheen vinyl acrylic.

Paint ceilings with two coats of flat Ceiling Paint.

Paint walls/ceilings of Bathrooms and Laundry with two coats of *semi gloss* enamel or approved acrylic.
- (ii) Timber to be painted: ie skirtings, architraves, doors
Give one sealing coat of Quick Dry, one enamel undercoat and two coats of semi-gloss enamel.

TILING

Concrete floors to be tiled shall be rendered with a sand-cement-ABACRETE render to a wood float finish.

Timber framed walls to be tiled shall be clad in Hardies 9mm Villaboard.

Prime walls and floors with ABA Multiprime and waterproof with 2 coats of paint-on Superflex waterproofing membrane.

Use compatible Ardex tile adhesive. (*Aba Optima tile to membrane adhesive*)

Tiles shall be laid with all top surfaces flush and consistent grout widths.

Grout with ABA Flexgrout Ultrasmooth in a selected colour.

See Ardex literature for more details regarding tiling.

SALE OF OWNERSHIP OR OCCUPANCY

Property #1	 Hurunui District Council 6 Denton Street Amberley 688517 Lot 89 DP 485034		21430/15188 14680 Source: Database	
	0.0580 Ha			
Owner / Ratepayer	Previous Owner	Postal Address	Contact Details	View in DB
	LAMPLOUGH, Justin Alan MEEHAN, Kathleen Sinead			
Transaction	New Owner			
	THOMPSON, Barry THOMPSON, Annette	048086 048087 6 Denton Street Amberley 6410		Yes Yes
Other details	Transaction Details	Sale of single property	Date of agreement	29 January 2021
	Tenure	Freehold	Date of possession	
Other details	Nature of transaction	Non-market (e.g. family, neighbours etc)	Date of settlement	08 April 2021
	Lease details	Not subject to lease	Vendor final rates instalment	
Other details	Vendor / Purchaser relationship	No known relationship		
	G.S.T. registered parties			
		Land and Buildings	530,000	
		Chattels not specified		
		G.S.T. included in sale price (if any)		
		Sale Price	\$ 530,000	
On completion of the SalesDirect process, final copies of this sale notice will be forwarded to:				
Hurunui District Council		Scheduled for delivery on 13 April 2021		
Environment Canterbury		Scheduled for delivery on 13 April 2021		
Mt Lyford Village Management (Hurunui District)		Scheduled for delivery on 19 April 2021		
Other details	Vendor's Lawyer	Purchaser's Lawyer*		
	Anna Lloyd Brandts-Giesen McCormick Rangiora PO Box 306 E anna@bgmlawyers.co.nz T 03 3134040 F 03 3135096	Brydie McFall Helmore Stewart Rangiora PO Box 44 E brydie@helses-law.co.nz T 03 3118008 F 03 3118011		

BAC - 4TH INSTAL
send copy

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
Phone 03 314-8816 | Fax 03 314-9181 | Email info@hurunui.govt.nz
Web hurunui.govt.nz | facebook.com/HurunuiDistrictCouncil
Skype [hdc_customer_services](https://www.skype.com/en/customer-services) | twitter.com/hurunuidc



PAYMENT REQUEST

Supplier Name and Address
Kathleen Sinead Meehan
6/143 Salisbury St
Christchurch

Customer # (or attach new supplier request)	041991
Supplier #	4808
Purchase order #	134384

Bank Account Number (Attach deposit slip)	
---	--

Details	GL Code	Amount	
Refund of vehicle crossing bond for BC170328	733007256	\$ 2,500	00
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
		\$	
TOTAL	GST Inclusive	\$ 2,500	00

Only required if No PO for an exceptional reason

Date	Prepared By	Authorised By



HURUNUI DISTRICT COUNCIL

Application form for connection to

DISTRICT SEWERAGE SCHEME

Appl. No. WS18034
BC No. BC170328
Pty File No. 1802/6
Val. Roll No. 2143015188

Kathleen Meehan + Justin Lamplough (name of owner)
of 6/143 Salisbury St, Christchurch (postal address)

Make application for connection to the: AMBERLEY AMBERLEY BEACH CHEVIOT GRETA VALLEY
HANMER SPRINGS HAWARDEN LEITHFIELD LEITHFIELD BEACH MOTUNAU BEACH WAIKARI
Sewerage Scheme. (Circle the one that applies)

Address of Property..... 6 Denton Street, Amberley

Legal Description..... Lot 89 DP 485034

Contact Phone No. BUS. 355 9333 (work) AH. 021 026 430 65

Email Address..... kathleenmeehan@gmail.com

Connection Fee \$100.00 (including GST)

Generally each property has a lateral from the sewer main to the boundary provided it was included in the original scheme. Most subdivisions since that time have also had the property connected to the main sewer line as far as the property boundary. However in the instance where this is not provided or where a different connection point is chosen then the full cost of connection to the sewer main will be met by the applicant. This work will be done by a certified drain layer and will require a Building Consent.

No work is to start on the sewer connection until building consent approval is obtained

NB: If the lateral to which this application applies is not within private property and excavation of the road reserve is required then a CAR (Corridor Access Request) request along with a traffic management plan must be applied for through a Beforeudig application.

Applicants Signature Kathleen Meehan + Justin Lamplough Date 11-7-17

For Office Use:

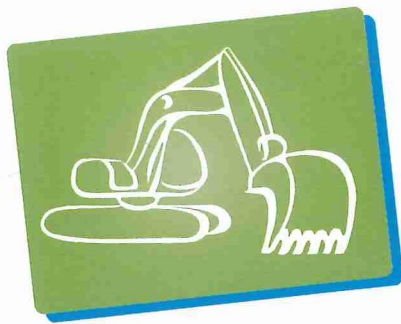
Receipt Number	<u>Internet banking</u>	Date	<u>1/1/2017</u>
Invoice Number	<u>25297</u>	Date	<u>3/8/2017</u>
Connection made by	<u>Drains Inspection</u>	Date	<u>5/3/18</u>
Rated by	<u>Kevan</u>	Date	<u>21/8/18</u>
Captured on ARC by	<u>Cynthia</u>	Date	<u>12/10/18</u>
As-builts to Utilities	<u>Lisa Sandrey</u>	Date	<u>28/9/18</u>
Inspected by	<u>John Arthur</u>	Date	<u>5/3/18</u>

Updated 01/07/2017

Barca Drainage

Part Charges 1/4/18 - 30/6/18 3mths \$ 64-24
1/7/18 - 30/6/19 12mths \$ 256-99
\$ 321-23

Meehan + Lamplough



Raika DRAINAGE

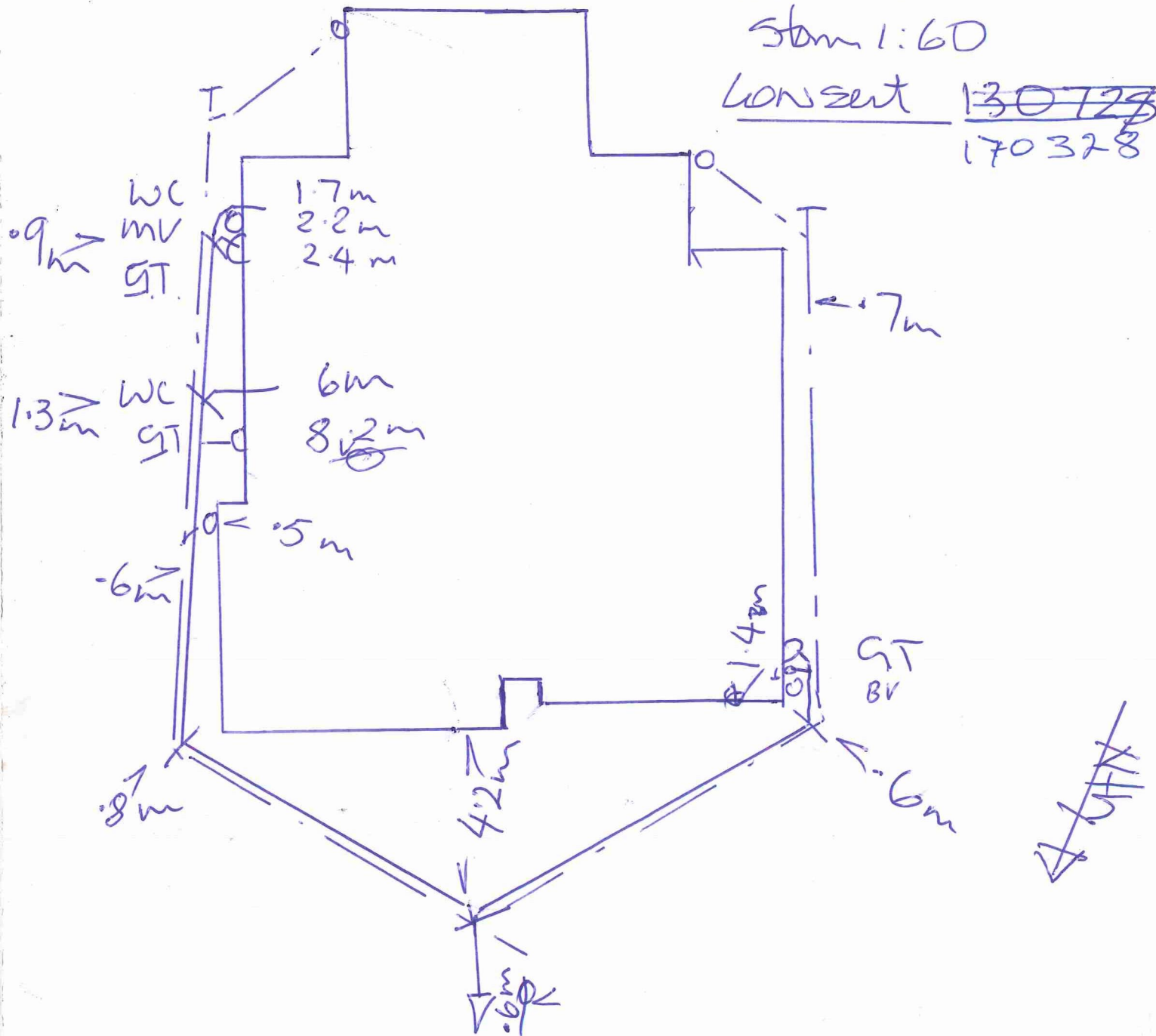
raikadrainage@gmail.com

0212210032

Sew 1:60

Stm 1:60

Consent ~~130729~~
170328



6 Dentrow St.



Form 7

Code Compliance Certificate

Section 95, Building Act 2004

The building:

Street address of building: 6 Denton Street, Amberley
Legal description of land where building is located: LOT 89 DP 485034
Building name:
Location of building within site/block number:
Level/unit number:
Current, lawful established, use: SH
Year first constructed:

The owner:

Name of owner: Lamplough Justin Alan & Meehan Kathleen Sinead
Contact person:
Mailing address: 6/143 Salisbury Street, Christchurch 8013
Street address/registered office:
Phone number: 0211566504 Daytime: 033559333 Mobile: 02102643065
Landline: Fax number:
Email: kathleenmeehan@gmail.com Website:
First point of contact for communications with the council/building consent authority:
As above

Building work:

Building consent number: 170328
Project: Three bedroom dwelling with attached double garage
Issued by: Hurunui District Council

Code Compliance:

The building consent authority named below is satisfied, on reasonable grounds, that –

- (a) The building work complies with the building consent

Signature:

Position: Building Administration Officer

On behalf of: Hurunui District Council

Date: 12/07/18

BC Number170328.....	 HURUNUI District Council
Rapid Number1802/6.....	
Final inspection Completed byJohn Arthur.....	

CHECKLIST PROMPT
CCC – RESIDENTIAL & HABITABLE (FORM 6 R)

Item 3 bd dwelling with attached double garage.	Completed/Received
CCC request form	✓
BC conditions Met	—
Record of Building work, form 6A. (Restricted building work only)	✓
Inspection notices complete and all items followed up.	✓
Final landscaping/completion photos	✓
PS4 - Engineers Construction Review- Structure	—
Drainage Plan	✓
Drainlayers registration number	18659
Effluent Field PS3 (drainlayer)	—
Electrical Certificate	✓
Gas Certification	—
Pressure Test Declaration	✓
Plumbers Registration number	04198
Exterior Cladding – Plaster Certification and Warranty	—
Cladding Type as per plans.	✓
High risk areas checked by inspector (decks, flat roofs, stucco, complex designs, unusual materials etc)	—
Membrane roof/deck PS3 and Warranty.(flat roof)	—
Membrane Roof deck pitch checked.	—
Potable Water supply sign off (private wells etc)	—
Wet Areas – Tanking Certification	—
Resource Consent issued	RC170128 ✓
Smoke Alarms	✓
Underslab fill compaction certificate	✓
PS3 for solar water systems	—
Solid/Liquid/Fuel Heater installer's installation certificate	—
Other producer statements received since issue of BC (not specified above)	PS3 Funds ✓ sewer/s/water

Council Files

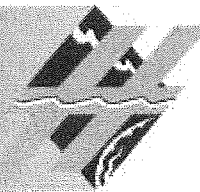
Correct BC Application / Documentation	✓
Inspections Charged	9
Inspections Completed	HHH HHH 1
Fees / Development contributions outstanding	no charge. 2 extra inspectors done at same as solns.
Correct Description of Building Works	✓

[illegible]

As supervised by ATaylor

HURUNUI DISTRICT COUNCIL

P.O. Box 13 | Amberley | 7441 | 66 Carters Road | Amberley | 7410
Phone 03 314-0006 | Fax 03 314-9181 | Email info@hurunui.govt.nz
Web hurunui.govt.nz | facebook.com/HurunuiDistrictCouncil
Skype hdc_customer_services | twitter.com/hurunuidc



Producer Statement Construction (PS3)

All sections of this PS3 must be completed

- | | | | |
|--|---|--|-------------------------------------|
| ☒ Building | ☐ Emergency Lighting | ☐ Fire Alarm | ☐ Drainlayer |
| ☐ Fire Sprinkler | ☐ Lift | ☐ Mechanical (HVAC) | |
| ☐ Cladding | ☐ Other (specify)..... | | |

Issued by (contractor / installer)..... B. Taylor Builders
to Hurunui District Council

OWNER'S DETAILS

Owner's name:	<u>K. Meehan & J. Lempough</u>
Project address:	<u>6 Denton Street Amberley</u>
Building consent number:	<u>BC170328</u>
Description of building work:	<u>Gib fix as per gib regulation for GS brace required</u>
Scope of work covered by statement:	<u>Gib bracing element D3</u>
System / Product used (if applicable):	

I (constructor/installer)..... Ben Taylor have been engaged by (building consent applicant)..... K. Meehan & J. Lempough to construct:

ALL

PART ONLY

(circle one)

As specified in the attached particulars of the above mentioned building consent number and its attached conditions, I am satisfied on reasonable grounds that the building work specified above has been completed to the extent required by that building consent and complies with the building consent.

Specific reference to the Building Code:	(B1)	(B2)	C1	C2	C3	C4	D1	D2
	E1	E2	E3	F1	F2	F3	F4	F5
	F6	F7	F8	G1	G2	G3	G4	G5
	G6	G7	G8	G9	G10	G11	G12	G13
	G14	G15	H1					

I understand that this Certificate, if accepted, will be relied upon by Hurunui District Council for the purpose of establishing compliance with the Building Consent.

CONTRACTOR'S / INSTALLER'S DETAILS

Name: <u>Ben Taylor</u>	
Company name (if applicable): <u>B. Taylor Builders</u>	
Address: <u>1297 Mound Rd R02 Amberley</u>	
Registration number: <u>BP131021</u>	Mobile phone: <u>0275762989</u>
Phone (work):	E-mail address: <u>ben@btaylorbuilders.co.nz</u>
Signature: <u>[Signature]</u>	Date: <u>11/07/18</u>



10 July 2018

K & J Meehan and Lamplough
6/143 Salisbury Street
Christchurch 8013

Dear Sir/Madam

**Re: Code Compliance Certificate (CCC) request for BC170328
Three bedroom dwelling with attached double garage
6 Denton Street, Amberley**

The Council has received a code compliance request in relation to Three bedroom dwelling with attached double garage at 6 Denton Street, Amberley. Your construction has been assessed for compliance with the Building Act 2004 and the granted building consent requirements.

Further information is required with regard to the following:

1. A PS3 is now required to confirm completion of Gs2 element D3. ✓

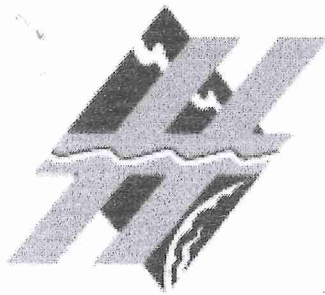
Please send the above information to us within 28 days of this letter. If the information is not received within this period, the CCC will be automatically refused.

If you provide the information within 28 days your application will again be considered.

Yours faithfully

Adele Patchett
Building Administration Officer

Email: building@hurunui.govt.nz



Hurunui District Council
66 Carters Road
PO Box 13
Amberley 7441
Phone (03) 314 8816

SITE NOTICE

Consent No: **170328**
Applicant: **K & J Meehan and Lamplough**
Site Address: **6 Denton Street, Amberley**
Work Type: **Three bedroom dwelling with attached double garage**
Building Category: **R1**

Inspection Type: **Final - Residential**
Inspection Outcome: **Pass**
Inspected By: **John Arthur**
Inspection Date: **1 June 2018**

Passed Items

General

Inspection carried out

Yes.

Exterior

FFL above GL

Good - sufficient

FFL above paving

Good - sufficient - OK

Cladding clearances

Good - sufficient for cladding types - OK

Flashings correct

All as designed - OK

Penetrations sealed

YES - silicone sealed - OK

Access level height

Compliant steps & landings - OK

Non-slip access

Broomed/floated concrete

Roof fixed sufficiently

Appear adequate

Roof penetrations

Boot flashing(s)

Vermin proofing

Gaps sealed as required - OK

S/W discharge location

From DP's through drains to swale

Downpipes clipped

YES - 2 x clips each

Gully heights

Min 100mm above natural ground

MV/BV size/location

80mm in place as drawn

Veneer top vented

YES - Every 3rd perpend clear

Mechanical vents to exterior

YES - vented to soffit outlets

Duct covers installed

YES - exterior grilles in place

Soffit lines sealed

YES - sealant to all joinery heads - OK

Photo Record

YES - All relevant photos taken

Interior

Wet areas sealed

Yes

Safety glass installed

In place where required

Aluminium joinery ID

Labels fitted - H zoned

Ventilation/Light

Natural - sufficient glazing & openings

Smoke detectors

In place where required, tested

Impervious flooring

In place where required

Means of heating
 Plumbing
 HWC - type/size
 Safe tray installed to HW cylinder
 Seismic restraints
 Mains valves fitted
 Temp valve and temp
 Fixtures sealed/connected/vented

 Shower leak test
 Water main/isolation valve accessible

Roof space
 Insulation fitment
 Downlight clearance
 Ducting connected
 Underlay fitment/laps
 Pipework insulated
 Pipework clipped/supported

Amendments/Site Instructions

As-built building aligns with consent plans/documents **Yes**
 Site instructions signed off **Yes**

Heat pump(s)

>300 <=400L mains pressure

3 x steel straps securely fixed - OK
All in place as required
In correct place, OK - temp tested @ 52°C
All connected, all sealed to walls, AAV's in place as reqd
Tested - all showers watertight
In place, access cover in Garage

Support Documentation

As-built drainage plan
 Application for CCC
 Electrical safety certificate
 Plumbers pressure test declaration
 Design statement (truss manufacturer)
 Design statement (frame manufacturer)
 Engineer ground bearing report
 PS3 - Foundation work
 PS3 (Specify)
 For joint test to sewer pipes
 Under-slab hardfill compaction certificate

Status

Accepted
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒
 Required ☒

Licensed Building Practitioners

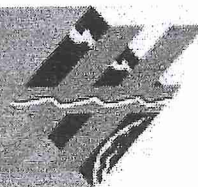
Carpentry
 Foundations
 Bricklaying and Blocklaying
 Roofing

Status

Required ☒
 Required ☒
 Required ☒
 Required ☒

HURUNUI DISTRICT COUNCIL

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Skype hdc_customer_services | twitter.com/hurunuidc



Producer Statement Construction (PS3)

All sections of this PS3 must be completed

- ☒ Building ☐ Emergency Lighting ☐ Fire Alarm ☐ Drainlayer
☐ Fire Sprinkler ☐ Lift ☐ Mechanical (HVAC)
☐ Cladding ☐ Other (specify).....

Issued by (contractor / installer).....
to Hurunui District Council

OWNER'S DETAILS

Owner's name:	Meehan & Lomplough
Project address:	6 Denton St Amberley
Building consent number:	170328
Description of building work:	Foundation Work
Scope of work covered by statement:	
System / Product used (if applicable):	

I (constructor/installer)..... Ben Taylor..... have been engaged by (building consent applicant)..... K. Meehan & J. Lomplough..... to construct:

(ALL)

PART ONLY

(circle one)

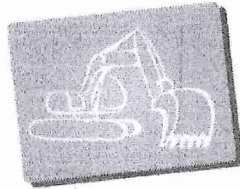
As specified in the attached particulars of the above mentioned building consent number and its attached conditions, I am satisfied on reasonable grounds that the building work specified above has been completed to the extent required by that building consent and complies with the building consent.

Specific reference to the Building Code:	(B1)	(B2)	C1	C2	C3	C4	D1	D2
	E1	E2	E3	F1	F2	F3	F4	F5
	F6	F7	F8	G1	G2	G3	G4	G5
	G6	G7	G8	G9	G10	G11	G12	G13
	G14	G15	H1					

I understand that this Certificate, if accepted, will be relied upon by Hurunui District Council for the purpose of establishing compliance with the Building Consent.

CONTRACTOR'S / INSTALLER'S DETAILS

Name:	Ben Taylor
Company name (if applicable):	B. Taylor Builders Ltd
Address:	1/297 Main Rd RD2 Amberley
Registration number:	68 131021
Mobile phone:	0275762989
Phone (work):	
E-mail address:	ben@btaylorbuilders.co.nz
Signature:	
Date:	18/06/18



Raika
DRAINAGE

raikadrainage@gmail.com

021 221 0032

Producer Statement Construction (PS3) & water test

Contractor: Drainlayer

Author Name: Emmanuel Raika

Company: Raika Drainage Limited

Site Address:

6 Denton street

Description of Building Work:

Sewer and storm water drainage systems -

Engaged by:

Andrew Taylor

Scope of works covered by statement:

Sewer and storm water drainage systems

As a certified Drainlayer, currently holding an annual practicing licence, I certify that I, or personnel under my supervision, have carried out installation and/or testing of the above systems and I believe on reasonable grounds that the installation complies with the New Zealand Building Code.

Emmanuel Raika - Registration: 18659

Qualifications/Experience: Certifying Drainlayer with 20 + years experience.

Address: 163 Easterbrook Road, RD1, Kaiapoi, 7691

Phone: 033135051

Mobile: 0212210032

Email: raikadrainage@gmail.com

Signature: Emmanuel Raika

Date: 4/4/18



MiTek New Zealand Limited

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

MiTek 20/20 Engineering 4.6.6.336

www.mitek.nz

Printed: 09:01:39 08 Jun 2017

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

ISSUED BY: MiTek New Zealand Limited

TO: Carters, a division of Carter Holt Harvey Limited

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 CD288512 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 Clauses B1 and B2 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
- vi) Timber is graded to the requirements of NZS 3603:1993
- vii) Minimum timber treatment for these MiTek[®] trusses shall be in accordance with B2/AS1 Table 1A and the relevant sections of NZS 3602:2003

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: Thursday, 8 June 2017

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

Job: CD28512

Client: Justin & Kathleen
Phone:Site: Justin & Kathleen
6 Denton Street
Oakfields, Amberly
HurunuiDescription: Justin & Kathleen
Building Consent No.:
MiTek 2020 Engineering 4.5.3.35

MiTek New Zealand Limited

Phone:
Printed 09:01:39 08 Jun 2017**MITEK FABRICATOR DESIGN STATEMENT**

This statement is issued by MiTek accredited fabricator **Carters, a division of Carter Holt Harvey Limited**, being licensed to use the MiTek 20/20® software, to the client listed above and may be used by the Building Consent Authority to assist in determining compliance with the New Zealand Building Code.

MiTek 20/20® TRUSS DESIGN DATA

The MiTek 20/20® computer design for this job is based on the following design parameters entered into the program. The Fabricator shall ensure that these job details are current and relevant to the project for the design of the MiTek® trusses.

Job Details

Importance Level : 2

Design Working Life : 50 years

Roof Truss

Timber Group: MSG8 DDP H1.2

Pitch: 25.000 deg

Nominal Overhang: 600 mm

Roof**Celling****Wind**

Material: Galv Iron .5mm

Material: Gib 10mm/Timber Battens

Dead Load: 0.210 kPa

Dead Load: 0.200 kPa

Restraints: 900 mm centres

Restraints: 400 mm centres

Live Load: Qur = 0.250 kPa

Live Load: Qc = 1.400 kN

Area: High (44.0 m/s)
Pressure Coeff: Cpe = varies; Cpi = -0.30, 0.20**Snow**

Location: Christchurch (N4) at 100 m

Open Ground Load: 0.900 kPa

Basic Roof Load: 0.441 kPa

The minimum timber treatment for these MiTek® trusses shall be in accordance with B2/AS1 Table 1A and the relevant sections of NZS 3602:2003. The timber for these MiTek® trusses shall be graded to the requirements of NZS 3603:1993. Proprietary fixings and timber connectors shall be selected in accordance with NZS3604:2011 Section 4 - Durability.

MiTek® Truss List

Legend: * = detail only, ? = input only, ✕ = failed design, Ø = non certified, Unmarked trusses = designed successfully, LB = lateral bracing required
GB = gable brace required

Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)	Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)	Truss	Qty	Span (mm)	Pitch (deg)	Spacing (mm)
*ET1	1	5780	25.000	900	*R1	2	1248	25.000	900	TR3	1	10360	25.000	900
*HB1	2	8120	18.249	900	*R2	14	891	25.000	900	TR4	1	8500	25.000	900
*HB2	1	3842	18.249	900	*R3	2	1218	25.000	900	V1	1	1815	25.000	900
*HB3	1	2505	18.249	900	*R4	2	1653	25.000	900	V2	1	955	25.000	900
*HB4	2	6805	18.249	900	*R5	2	1756	25.000	900	V3	1	1300	25.000	900
*HB5	2	4874	18.249	900	*R6	1	1746	25.000	900	V4	1	3735	25.000	900
*HB6	1	4258	18.249	900	*R7	1	855	-25.000	900	V5	1	1935	25.000	900
*HB7	1	602	18.249	900	*R8	1	1746	-25.000	900	J5	1	2457	25.000	900
*HB8	1	4881	18.249	900	*R9	1	1058	25.000	900	J5A	1	2457	25.000	900
J1	1	2457	25.000	900	T2	1	10360	25.000	900	J8	1	2427	25.000	900
J2	1	2457	25.000	900	T4	1	10360	25.000	900	J12	1	2862	25.000	900
J3	1	2457	25.000	900	T5	1	10360	25.000	900	J12A	1	2862	25.000	900
J4	1	2457	25.000	900	T7	1	7858	25.000	900	J15	1	2427	25.000	900
J6	2	1557	25.000	900	T11	2	4456	25.000	900	J16	1	2867	25.000	900
J7	2	1557	25.000	900	T12	1	5770	25.000	900	T8	1	2375	25.000	900
J9	2	1527	25.000	900	T13	1	7858	25.000	760	T9	1	2427	25.000	900
J10	2	1527	25.000	900	T14	1	10360	25.000	705	T17	1	2867	25.000	900
J11	1	2862	25.000	900	T15	1	5780	25.000	900	T1	1	5670	25.000	900
J13	2	1962	25.000	900	T18	1	2868	25.000	900	T3	1	10360	25.000	900
J14	2	1962	25.000	900	T19	2	5780	25.000	856	T6	1	8500	25.000	900
J17	1	1967	25.000	900	TR1	1	8448	25.000	900	T10	1	5770	25.000	900
J18	1	1967	25.000	900	TR2	1	8448	25.000	900	T16	1	5780	25.000	900

Total quantity : 94

The computer design input has been carried out by:

MiTek 20/20 Software Operator: Bruce Barrow

MiTek Candidate Number and Qualifications:

Accredited Fabricator:

CARTERS

BUILDABLE CONSENT LAYOUT

CARTERS
Your Building Partner

Carters, a division of Carter Holt Harvey Limited
Carters Manufacturing Christchurch
(03) 359 2731

JOB No CD288512

Client: Justin & Kathleen
Job Name: Justin & Kathleen
Address: 6 Denton Street
Oakfields, Amberly
Hurunui

Pitch: 25.0deg
Roof Type: Galv Iron .5mm
Overhang: 600mm
Wind Area: High
Roof Snow: 0.441kPa

Trusses and rafters at 900mm
max centres unless stated otherwise.
This layout is to be read in conjunction
with the Architectural plans.

DRAWN Bruce Barrow 8 Jun, 2017

FIXINGS

A = 47x90 Joist Hanger
B = 47x120 Joist Hanger
C = CT200 (pair)
D = 47x190 Joist Hanger
E = 95x165 Joist Hanger
G = SH-140 Split Hanger
H = SH-180 Split Hanger
K = SH-220 Split Hanger
L = 6kN Strap
M = Multigrips (pair)
N = Nailon Plate
S = CPC 40 Single Cleat
T = CPC 40 Short (pair)
U = CPC 80 Single Cleat
Q = 9kN Pack
P = 16kN Pack
X = 25kN Uplift
Y = 35kN Uplift
Z = 45kN Uplift

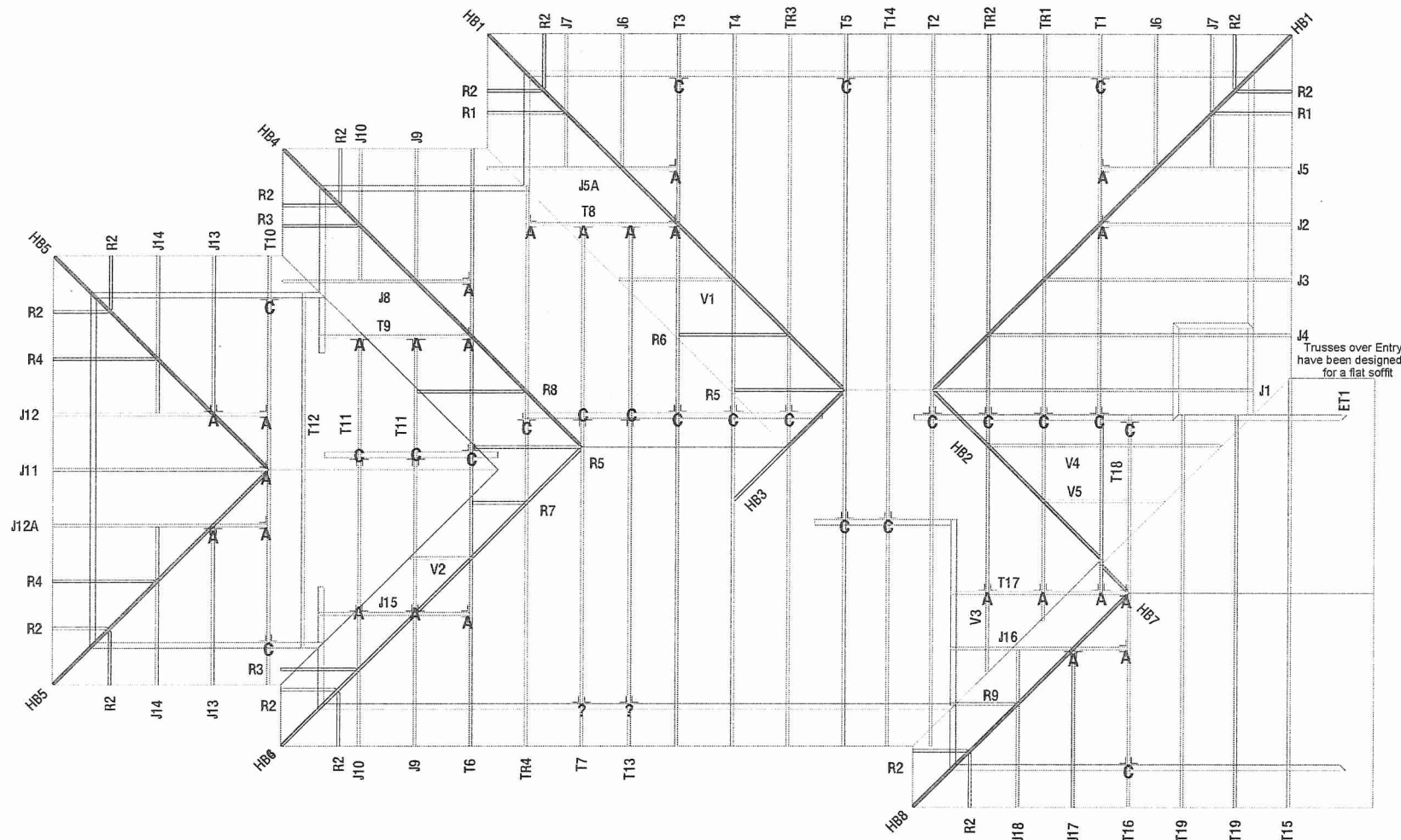
All truss fixings not indicated as
above must have two wire dogs.

Please contact your local CARTERS
Manufacturing Branch for any queries
regarding this layout.

See Back Page for Dimensions, Lintel
Statement & Point Load Notification.



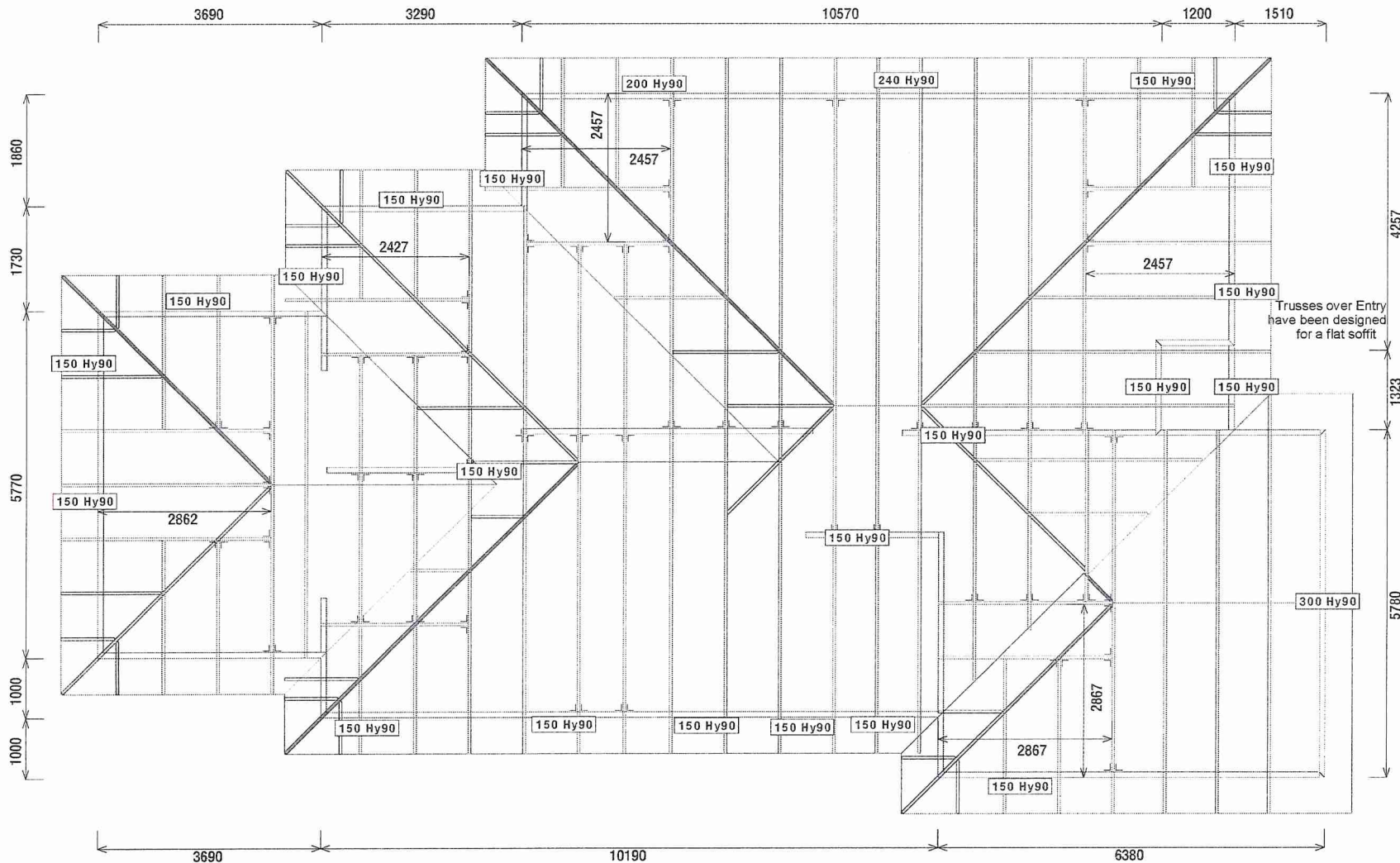
Any internal walls shown on
this layout are considered
to be loadbearing



NOTE: All gable trusses are designed to suit cladding manufacturers framing requirements.
If a gable truss requires a windbeam brace, the type of MiTek brace will be noted as such on the layout

BUILDABLE CONSENT LAYOUT

Any internal walls shown on this layout are considered to be loadbearing



NOTE: If metal ceiling battens on clips are used, bottom chord bracing is required at 1500mm centres.

CARTERS
YourBuildingPartner

Carters, a division of Carter Holt Harvey Limited
Carters Manufacturing Christchurch
(03) 359 2731

JOB No CD288512

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DRAWN Bruce Barrow 8 Jun, 2017

The lintels have been sized using
one of the following:

hy90, hyONE and hySPAN lintels
have been sized using the designIT
for houses - New Zealand series 6
software.

GANGLAM and FLITCH BEAMS
have been sized using the MITek
Beam Program V1.10 June 2011.

Any treated LVL product is H1.2, which
satisfies the minimum treatment
requirement of H1.2 as per NZS3602.

Unless otherwise stated the timber grade
for all lintels is SG8. Lintels not shown
are to be selected as per NZS3604: 2011.

kN	Dn	kN
	Up	kN

Notification of point loaded lintels
or point loads on internal walls
where the downward load is
higher than 10kN, or the
upward load is greater than 12kN.

See Front Page for Truss
Layout and Fixings

