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Property Info

Property Number: 3904

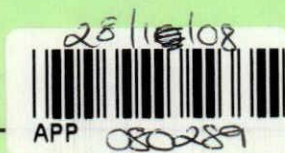
Address: 29 Bedford Street Eltham 4322

Assessment Number: 1220052800

Street: Bedford Street

Locality: Eltham

Requires Review: undefined



Application Form

South Taranaki District Council
Private Bag 902, Hawera
Ph: 06 278 0555 or 0800 111 323
Fax: 06 278 8757



- ☐ Building or Relocation Consent
☐ Project Information Memorandum

1. Applicant Details

1a. I am the ☒ Property Owner ☐ Lessee ☐ Agent

1b. Name Sara Griffiths

1c. Postal Address 29 Bedford St
Eitham 4322.

1d. Contact Numbers Phone 06 7647401 Mobile 027 4903689 Fax

1e. Email saragriffiths@glonz.co.nz

1f. Preferred means for correspondence ☐ Mail ☒ Email ☐ Fax

1g. Builder (Name & Address) Sara Griffiths
Phone 29 Bedford St Mobile Reg No.
Plumber (Name & Address) Eitham
Phone Mobile Reg No.

Property Owner Details (if different from Applicant)

1h. Name

1i. Postal Address

1j. Contact Numbers Phone Mobile Fax

Property Details

1k. Site Address 29 Bedford St
Wanganui

1l. Current use of site Residential

1m. Legal Description 1n. Rapid Number

2. The Project

2a. Type of work ☒ New building ☐ Alteration ☐ Log fire
☐ Plumbing & drainage only ☐ Relocation ☐ Addition
☐ Demolition/Removal ☐ Re-pile existing building

2b. Category of work ☒ Residential ☒ Accessory Building ☐ Milking shed
☐ Commercial/Industrial/Community ☐ Replacement or upgrade of septic tank

2c. Detailed description of the Development/Project new double garage

- 2d. Will business activities take place when building is completed? ☐ Yes ☒ No
- 2e. Will the building work result in a change of use of an existing building? ☐ Yes ☒ No

Current Use

Intended Use

2f. Year building was constructed

2g. Total floor area affected by building work: 48 m²

2h. The completed building will be: ☒ Single storey, single unit building ☐ Multi-storey, or multi-unit building
Number of units: Number of storeys:

2i. Intended life of the building ☒ Indefinite but not less than 50 years ☐ Less than 50 years
please specify number of years

2j. Estimated value of the building work (including GST) \$ 11,000.00

2k. Have any building consents been issued previously for this project? ☒ No ☐ Yes (Provide details below)

Date of consent

Consent number

3. Project Information Memorandum (PIM) - Do not fill in this section if the application is for a Building Consent only

- 3a. The project involves:
- ☐ Land undergoing subdivision, where title has not yet been issued
 - ☐ Alterations to land contours
 - ☐ New or altered connections to public utilities (water / stormwater / sewer)
 - ☐ New or altered locations and/or external dimensions of buildings
 - ☐ Building work over, or adjacent to, any road or public place
 - ☐ Building work over, or adjacent to, any existing drains or sewers, or in close proximity to wells or water mains
 - ☐ New or altered access for vehicles
 - ☐ Disposal of stormwater and wastewater
 - ☐ Other matters known to the applicant that may require authorisations from the Council

please specify:

4. Building Consent - Do not fill in this section if the application is for a PIM only

The following plans and specifications are attached to this application:

- ☒ Three sets of plans (at least one in A3) drawn to a recognised metric scale; include a north arrow, in black ink (not pencil or red pen). Two sets of specifications and other documentation
- ☒ Site / location plan (clearly showing distances to the site's boundaries)
- ☒ Floor plan
- ☒ Foundation plan
- ☒ Bracing design and calculations
- ☒ Manufacturer's specifications
- ☒ Elevations
- ☒ Cross sections and building design details
- ☒ Specific engineering design
- ☐ Plumbing and drainage design

☐ Other - please specify

5. Compliance with New Zealand Building Code - Do not fill in this section if the application is for a PIM only

Clause Tick relevant building code clauses	Means of Compliance (Refer to the relevant compliance document(s) or detail of alternative solution in the plans and specifications. If not applicable, write N/A)	Waiver / Modification Requested (State nature of waiver or modification of building code requested. If not applicable, write N/A)
<input checked="" type="checkbox"/> B1 Structure	NZS 3604 / UB2000	N/A
<input checked="" type="checkbox"/> B2 Durability	NZS 3604 / UB2000	N/A
<input type="checkbox"/> C1 Outbreak of fire		
<input type="checkbox"/> C2 Means of escape		
<input type="checkbox"/> C3 Spread of fire		
<input type="checkbox"/> C4 Structural stability during fire		
<input type="checkbox"/> D1 Access routes		
<input type="checkbox"/> D2 Mechanical installations for access		
<input type="checkbox"/> E1 Surface water		
<input type="checkbox"/> E2 External moisture		
<input type="checkbox"/> E3 Internal moisture		
<input type="checkbox"/> F1 Hazardous agents on signs		
<input type="checkbox"/> F2 Hazardous building materials		
<input type="checkbox"/> F3 Hazardous substances and processes		
<input type="checkbox"/> F4 Safety from falling		
<input type="checkbox"/> F5 Construction and demolition hazards		
<input type="checkbox"/> F6 Lighting for emergency		
<input type="checkbox"/> F7 Warning systems		
<input type="checkbox"/> F8 Signs		
<input type="checkbox"/> G1 Personal hygiene		
<input type="checkbox"/> G2 Laundering		
<input type="checkbox"/> G3 Food preparation and prevention of contamination		
<input type="checkbox"/> G4 Ventilation		
<input type="checkbox"/> G5 Interior environment		
<input type="checkbox"/> G6 Airborne and impact sound		
<input type="checkbox"/> G7 Natural light		
<input type="checkbox"/> G8 Artificial light		
<input type="checkbox"/> G9 Electricity		
<input type="checkbox"/> G10 Pipes services		
<input type="checkbox"/> G11 Gas as an energy source		
<input type="checkbox"/> G12 Water supplies		
<input type="checkbox"/> G13 Foul water		
<input type="checkbox"/> G14 Industrial liquid waste		
<input type="checkbox"/> G15 Solid waste		
<input type="checkbox"/> H1 Energy efficiency		

If you need more space to detail how you propose to comply with the building code, please attach a separate sheet.

6. Compliance Schedule - Do not fill in this section if the application is for a PIM only

- ☐ There are no specified systems in the building - Proceed to section 7
- ☐ The specified systems for the building are indicated below
 - ☐ Automatic systems for fire suppression (for example, sprinkler systems)
 - ☐ Automatic or manual emergency warning systems for fire or other dangers (other than a warning system for fire that is entirely within a household unit and serves only that unit)
 - ☐ Electromagnetic or automatic doors or windows (for example, ones that close on fire alarm activation)
 - ☐ Automatic back-flow preventers connected to a portable water supply
 - ☐ Lifts, escalators, travelators, or other systems for moving people or goods within buildings
 - ☐ Emergency power systems for, or signs relating to, a system or feature specified in any of the above
 - ☐ Mechanical ventilation or air conditioning systems
 - ☐ Building maintenance units providing access to exterior and interior walls of buildings
 - ☐ Audio loops or other assistive listening systems
 - ☐ Smoke control systems
 - ☐ Emergency lighting systems
 - ☐ Escape route pressurisation systems
 - ☐ Riser mains for use by fire services
 - ☐ Laboratory fume cupboards
- ☐ The following specified systems are being altered, added to, or removed in the course of the building work

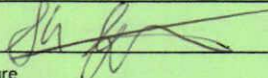
7. Applicant's Declaration

I understand that as the applicant, the Council will send all invoices to me, and all correspondence related to the application will be made to me.

I confirm that I have read and understood the Privacy Statement and that the information provided on the Application Form is true and correct.

Privacy Statement

Information on these forms is required to be provided under the Acts, Regulations and bylaws administered by the Council and is required to process your application. This information has to be made available to members of the public, including business organizations. In appropriate circumstances, it may also be made available to other units of the Council, Council's approved contractors, Department of Building and Housing, Building Research Association of NZ, Statistics NZ and other government agencies. Under the Privacy Act 1993, you have the right to access the personal information held about you by the Council and you can also request that the Council correct any personal information it holds about you.

	28 10/108
Signature	Date

PARA	GRIFITHS
Name (print clearly)	

Application Form

South Taranaki District Council
Private Bag 902, Hawera
Ph: 06 278 0555 or 0800 111 323
Fax: 06 278 8757

South Taranaki
District Council

- ☐ Building or Relocation Consent
☐ Project Information Memorandum

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1a. I am the ☒ Property Owner ☐ Lessee ☐ Agent

1b. Name Sara Griffiths

1c. Postal Address 29 Bedford St
Eitham 4322.

1d. Contact Numbers Phone 06 764 7401 Mobile 027 490 3689 Fax

1e. Email saragriffiths@glon2.co.nz

1f. Preferred means for correspondence ☐ Mail ☒ Email ☐ Fax

1g. Builder (Name & Address) Sara Griffiths
Phone 29 Bedford St Mobile Reg No.
Plumber (Name & Address) Eitham
Phone Mobile Reg No.

Property Owner Details (if different from Applicant)

1h. Name

1i. Postal Address

1j. Contact Numbers Phone Mobile Fax

**APPROVED PLANS
TO BE KEPT ON-SITE
THESE MUST BE AVAILABLE FOR
VIEWING AT ALL TIMES
No inspection will be made without
these documents. A further inspection**

Property Details

1k. Site Address 29 Bedford St
Wanganui

1l. Current use of site Residential

1m. Legal Description 1n. Rapid Number

2. The Project

2a. Type of work ☒ New building ☐ Alteration ☐ Log fire
☐ Plumbing & drainage only ☐ Relocation ☐ Addition
☐ Demolition/Removal ☐ Re-pile existing building

2b. Category of work ☒ Residential ☒ Accessory Building ☐ Milking shed
☐ Commercial/Industrial/Community ☐ Replacement or upgrade of septic tank

2c. Detailed description of the Development/Project new double garage

Code Compliance Certificate

Form 7, Section 95, New Zealand Building Act 2004

Private Bag 902
Hawera 4640
Phone: 06 278 0555
Freephone: 0800 111 323
Fax: 06 278 8757
Website: www.stdc.co.nz

Owner

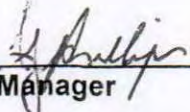
S K Griffiths
29 Bedford Street
Eltham 4322



Project

Building Consent No	BC080289
Consent Issue Date	21/04/2008
Description	New Garage
Intended Life (Years)	Specified as 30
Estimated Value	\$11000.00
Location	29 Bedford Street Eltham 4322
Applicant	S K Griffiths
Legal Description	LOT 2 DP 4488
Valuation No	1220052800

Signed for and on behalf of the Council:

Name: Andre Phillips 
Building Control Manager

Date: 29/03/2010

CODE COMPLIANCE CHECKSHEET

Address: <u>29 Bedford St</u> <u>Edinburgh</u>	Date: <u>29 3 10</u>
	Building Consent No: <u>050287</u>

Tick in "Required" column all inspections required by the consent. For each required inspection write "Y" or "N" in the "Completed" and "Passed" columns.

Tick in "Required" column all documentation required. For each required document write "Y" or "N" in the "Supplied" and "Accepted" columns.

Required Inspections	Required	Completed	Passed	Required Documents	Required	Supplied	Accepted
Site - Location of the building on site				Application for Code Compliance form			
Foundation				Copy of electrical certificate			
Piles				Copy of gas certificate			
Pre-slab-building				"As built" drainage plan			
Subfloor framing				Construction Review (PS4) statement for:			
Pre wrap				Structural engineering			
Preclad				Geotechnical engineering			
Weathertightness				Fire engineering			
Preline building				HVAC engineer			
Wet area membranes				Electrical engineer			
Postline				Hydraulic engineer			
Block							
Brick Veneer				Certificate from the alarm installer			
Retaining wall: before backfilling, tanking, protection and field drain				Certificate from the sprinkler installer			
Free Standing Fireplace				Certificate for lift			
In Built Fireplace				HVAC installers certificate			
Final building				Roofer installers warrantee			
Plumbing and Drainage inspections				Truss design certificate			
Drainage - surface water, foul water				Texture coating/cladding warrantees			
Pre-slab plumbing				Window and door joinery warrantee			
Preline plumbing				Membrane applicators certificate			
Final plumbing							

If inspections have been missed, what supporting info and methods of verification have been provided to compensate for missed inspections. (describe):

N/A

If specific supporting documents have not been provided, what alternative information of verification method has been provided to compensate. (describe):

N/A

Is the work in accordance with the building consent and approved amendments?	Y/N
If no, has a notice to fix been issued?	
Have items of non compliance been resolved and NTF uplifted?	

CODE COMPLIANCE CHECKSHEET

Note: if work is not in accordance with consent, (and approved amendments) or NTF matters have not been resolved, suspend application for Code Compliance Certificate

Compliance Schedule

Licensed building practitioners to certify restricted building work

(1) Each licenced building practitioner who carries out or supervises restricted building work under a building consent must, on completion of the restricted building work, give to the person specified in subsection (2) a certificate, in the prescribed form, stating that-

- (a) the restricted building work complies with the building consent; and
- (b) if applicable any specified systems in the building to which the restricted work relates are capable of performance standards set out in the compliance schedule attached to the building consent.

Is a new amended compliance schedule required?	Y/N
Has it been issued? (refer to note below)	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If the new/ revised compliance schedule has not been issued, what action has been taken to ensure it will be issued. Outline:	

Note: if the draft/ revised compliance schedule has not been issued, the Code Compliance Certificate cannot be issued. Suspend issuing CCC until this matter is addressed.

Building Consent requirements.

Are there any items specified in the consent that have not been completed?	Y/N
Outline:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Reason for granting CCC	Form 6 Received
<i>per building consent as submitted as</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Electrical/Gas Certs received	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CCC can be granted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		CCC cannot be granted	<input type="checkbox"/>

Approve to issue Code Compliance Certificate if all outstanding fees are paid Yes / No

Building Officer:

Signature *[Signature]*

Name *[Signature]*

Application for Code Compliance Certificate

Form 6, Section 92 of the Building Act 2004

Please return to the South Taranaki District Council

Private Bag 902, Hawera
Phone 0800 111 323 or 06 278 0555
Facsimile No: 06 278 8757

Consent Details

Applicant:	Application No:	BC080289
S K Griffiths	Home Phone:	06 7647401
29 Bedford Street	Business Phone:	
Eltham 4322	Mobile Phone:	

Project

Description:	New Garage
Owner:	S K Griffiths
Location:	29 Bedford Street Eltham 4322
Legal Description:	LOT 2 DP 4488
Valuation Reference No:	1220052800

You are hereby advised that

____ All of the building work under the above Building Consent is believed to have been completed to the extent required by that Building Consent.

You are requested to issue a Code Compliance Certificate accordingly (except where a Code Compliance Certificate has been issued by a building certifier as stated below).

The attached particulars include:

- ____ Building Certificates
- ____ A Code Compliance Certificate issued by a Building Certifier
- ____ Producer Statements

*late arrive
Thursday
or Friday*

ENTERED
Open

*3, 4, 5
18/3/10*

☒ *confirmed*
☒ *event*

Signed for and on behalf of the Owner:

Name: SARA GRIFFITHS

Contact Phone number: 017 490 3689

SOUTH TARANAKI DISTRICT COUNCIL

PURPOSE OF INSPECTION - CODE COMPLIANCE CERTIFICATE

3439

Owner's Name:

Griffiths

Consent No. BC:

080289

Project Address:

29 Bedford St E Man.

Project:

New Garage



Contact Person:

ENTERED

Phone:

Cellphone No:

Date:

18/3/2010

Time of Inspection:

BUILDERS NAME:

Owner

REG. NO:

	PASS	FAIL	N/A		PASS	FAIL	N/A
SITE / BOUNDARIES	✓			PILE FOOTINGS			✓
FOOTINGS / FOUNDATIONS	✓			PILE DEPTHS			✓
PLACEMENT OF REINFORCING	✓			SUB FLOOR BRACING			✓
BLOCKWORK			✓	SUB FLOOR FIXINGS			✓
SUB SLAB WASTES			✓	SUB FLOOR INSULATION			✓
DAMP PROOF MEMBRANE	✓			CEILING INSULATION			✓
PLACEMENT OF MESH			✓	WALL INSULATION			✓
DAMP PROOF COURSE	✓			AIR SEALS			✓
BOTTOM PLATE FIXINGS	✓			PROPRIETARY FLASHINGS			✓
SEISMIC BRACING	✓			FLASHINGS	✓		
TRUSS FIXINGS	✓			CAVITY SYSTEM			✓
LINTEL FIXINGS			✓	EXTERIOR COATINGS			✓
BRICKWORK			✓	PLUMBING PIPE-OUT			✓
CONCRETE FLOOR SLAB	✓			DRAINAGE	✓		
DISABLED ACCESS & FACILITIES			✓	SEPTIC TANK			✓
WARNING SYSTEMS			✓	EFFLUENT FIELD			✓
INBUILT / FREESTANDING FIRE			✓	FIRE WALLS			✓

CERTIFICATES

	YES	NO	N/A		YES	NO	N/A
ELECTRICAL	✓			GAS			✓
PRODUCER STATEMENTS			✓	ENGINEER CALC'S			✓

VISION 33076

FIELD INSPECTION NOTES

All completed as per consented plans and documentation, All storm water directed away from building.

Form is AS4

BUILDING OFFICER:

[Signature]

DATE:

18/3/10



Electrical Certificate of Compliance

for prescribed electrical work that is carried out on electrical installations and involves the placing or positioning or the replacing or repositioning of conductors (including fittings attached to those conductors).
To be completed whether or not an inspection is required.

No. **2640927**

No. of attachments

CUSTOMER INFORMATION - PLEASE PRINT CLEARLY

Name of customer **Ms J Griffiths**

Phone: **0274903689**

Address of installation **29 Bedford St Eltham**

Postal address of customer (if not as above)

WORK DETAILS

2 No. of lighting outlets

☐ No. of ranges

8 No. of socket outlets

☐ No. of water heaters

Was any installation work carried out by the homeowner?

☐ Yes ☒ No

Please tick (✓) as appropriate where work includes:

☐ Mains

☐ Main earthing system

☐ Switchboard

☐ Electric lines

Description **Install Power to carshed**
Install lights + Plugs

It is recommended that test results be recorded here:

Visual Examination ☒

Earth Continuity ☒

Bonding ☒

Polarity ☒

Insulation Resistance **72** Mohm

Other

If necessary attach any pages with sketches of work done

CERTIFICATION OF WORK

I certify that the above electrical work has been carried out in accordance with the requirements of the Electricity Act 1992 and Electricity Regulations 1997.

ELECTRICAL WORKER DETAILS

Name **Mark Frost**

Registration no. **E11173**

Company **MFE**

Signature **[Signature]**

Date **03-08-08**

Contact Ph No. **0274446276**

CERTIFICATION OF ELECTRIC LINES

(to be completed where a separate electrical worker has installed the electric line portion of the mains)

Name

Registration no.

Company

Signature

Date

Contact Ph No.

INSPECTION DETAILS

Electrical work requiring inspection by a registered electrical inspector

☐ New mains

☐ Switchboard

☐ Earthing system

☐ Installation work in hazardous areas

I certify that the inspection has been carried out in accordance with the requirements of regulation 41 of the Electricity Regulations 1997.

Name

Registration no.

Signature

Date

Daytime Contact Ph No.

BUILDING/PLUMBING PRELINE CHECKLIST

SOUTH TARANAKI DISTRICT COUNCIL

Owners Name: *Wright* Consent No. BC: *080289*
 Project Address: *29 Sefton St Ewham* Phone No.:
 Contact Person: Cell Phone No.:
 Date and Time of Inspection: *13 June 08*

ENTERED

Builder: *Owner* Reg No.:

Plumber: Reg No.:

	YES	NO
Building weatherproof - cladding complete		
Exterior joinery fitted		

Subfloor:	PASS	FAIL	N/A
Pile bracing & bolted connections			
Anchor / brace pile connections			
Timber sizes, spacing & spans			
Timber treatment			
Foil sisalation / vermin proofing			
Solid blocking / strutting			
Load bearing joists			
DPC in place			
450mm crawl space			

1st Floor structure:	PASS	FAIL	N/A
Stair pitch / headroom			
Joist sizes / spacing / span			
Proprietary joist layout			
Timber treatment			
Foil sisalation exposed subfloor			
Timber beams sizes / fixing			
Timber beams direct support			
Solid blocking / strutting			
Load bearing joists			
Trimming joists			
Photos	YES	NO	

Walls/Roof:	PASS	FAIL	N/A
Bottom plate fixing			
DPC in place			
Moisture content <i>15</i> %	✓		
Building wrap / paper complete			
Stud sizes / spacing / spans			
Jamb seals / sill tape			
Lintel size / fixing - wind zone			
Wall / ceiling insulation			
Exterior wall cavity system			
Gib bracing / diagonal brace			
BB bracing / connections			
CB bracing / connections			
Truss spacing / fixing			
Purlin spacing / fixing			
Ceiling batten size / span / fixing			
Nail plates			
Metal connections			
Timber treatment			
Roof bracing / strutting			
Dragon ties / plane braces			
Ceiling diaphragm requirements			
Hardies bracing			
Ecoply bracing			
Other bracing			

PLUMBING PRELINE

System used:	A/NZS 3500	NZBC G13		
HWC Type:	Low pressure	Mains pressure		
Pipework:		PASS	FAIL	N/A
Pressure test				
Fixing & support				
Insulation of pipework				
Frost protection for pipework				
Protection from movement noise				
HWC drain discharge				

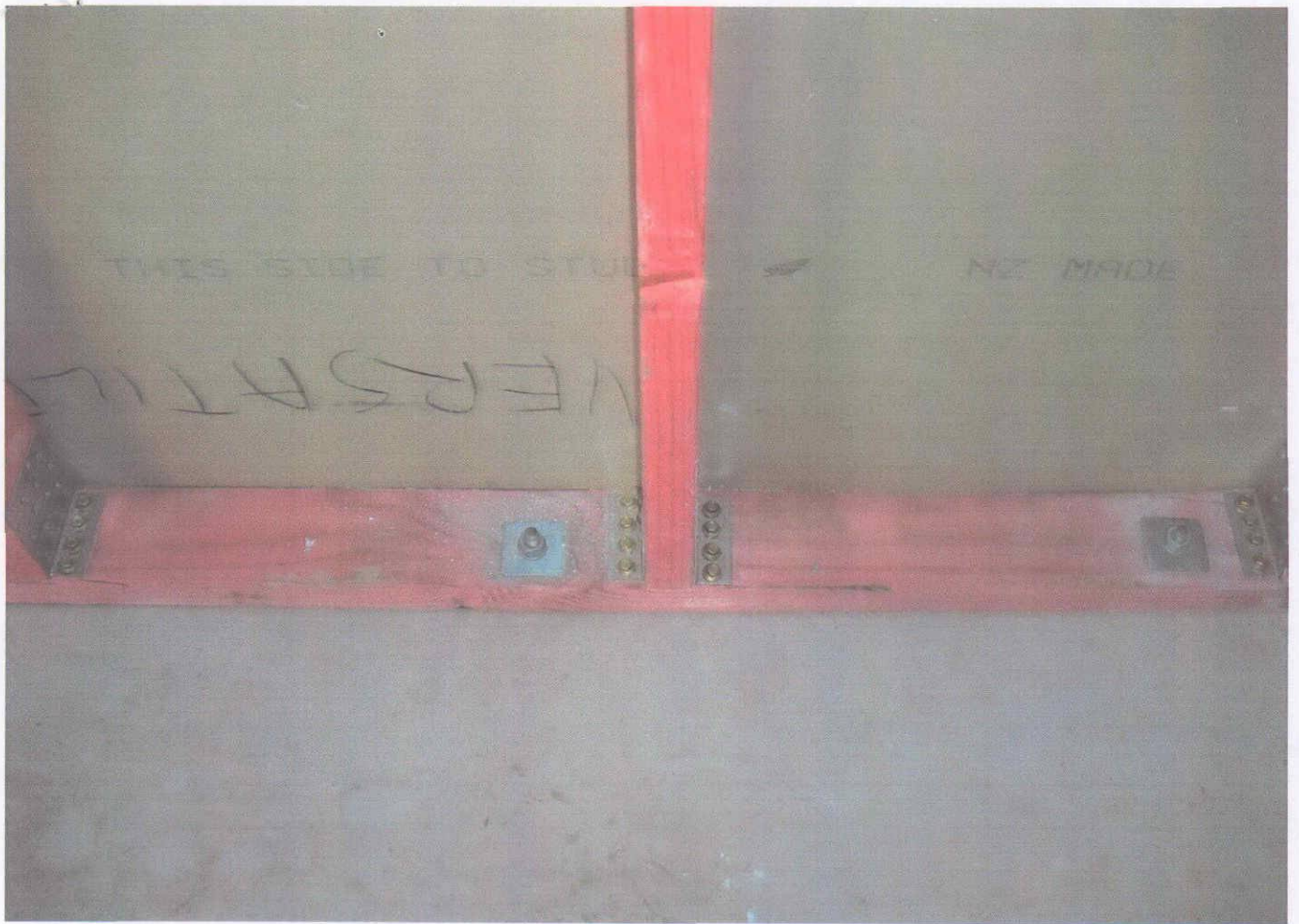
Wastes:	PASS	FAIL	N/A
Size of wastepipes			
Gradient - wastes / stacks			
Access / rodding points			
Floor waste gully placement			
Fixing & support			
Soil pipe stack size			
2/45° bends at stack base			
No connections zone on stack			
Vent pipe size			
Vent pipe termination			
Photos taken		YES	NO

VISION 33079

FIELD INSPECTION NOTES:

Moisture content down to 15%.
OK TO USE FIRE WALL
 Building Control Officer: *[Signature]* Date: *13 June 08* P.T.O.
3976





BUILDING/PLUMBING PRELINE CHECKLIST

SOUTH TARANAKI DISTRICT COUNCIL

Owners Name: S. GRIFFITHS Consent No. BC: 080289
 Project Address: 29. BERSO Phone No.: _____
 _____ Cell Phone No.: _____
 Contact Person: _____
 Date and Time of Inspection: 27/5/08 - 2:30p

Builder: _____ Reg No.: _____
 Plumber: _____ Reg No.: _____

	YES	NO
Building weatherproof - cladding complete		
Exterior joinery fitted		

Subfloor:	PASS	FAIL	N/A
Pile bracing & bolted connections			
Anchor / brace pile connections			
Timber sizes, spacing & spans			
Timber treatment			
Foil sisalation / vermin proofing			
Solid blocking / strutting			
Load bearing joists			
DPC in place			
450mm crawl space			

ENTERED

Walls/Roof:	PASS	FAIL	N/A
Bottom plate fixing			
DPC in place			
Moisture content <u>27</u> %			
Building wrap / paper complete			
Stud sizes / spacing / spans			
Jamb seals / sill tape			
Lintel size / fixing - wind zone			
Wall / ceiling insulation			
Exterior wall cavity system			
Gib bracing / diagonal brace			
UL bracing / connections			
UL bracing / connections			
Truss spacing / fixing			
Purlin spacing / fixing			
Ceiling batten size / span / fixing			
Nail plates			
Metal connections			
Timber treatment			
Roof bracing / strutting			
Dragon ties / plane braces			
Ceiling diaphragm requirements			
Hardies bracing			
Ecoply bracing			
Other bracing			

1st Floor structure:	PASS	FAIL	N/A
Stair pitch / headroom			
Joist sizes / spacing / span			
Proprietary joist layout			
Timber treatment			
Foil sisalation exposed subfloor			
Timber beams sizes / fixing			
Timber beams direct support			
Solid blocking / strutting			
Load bearing joists			
Trimming joists			

	YES	NO
Photos		

PLUMBING PRELINE

System used:	A/NZS 3500	NZBC G13
HWC Type:	Low pressure	Mains pressure

Pipework:	PASS	FAIL	N/A
Pressure test			
Fixing & support			
Insulation of pipework			
Frost protection for pipework			
Protection from movement noise			
HWC drain discharge			

Wastes:	PASS	FAIL	N/A
Size of wastepipes			
Gradient - wastes / stacks			
Access / rodding points			
Floor waste gully placement			
Fixing & support			
Soil pipe stack size			
2/45° bends at stack base			
No connections zone on stack			
Vent pipe size			
Vent pipe termination			
Photos taken			

VISION 33079

FIELD INSPECTION NOTES:

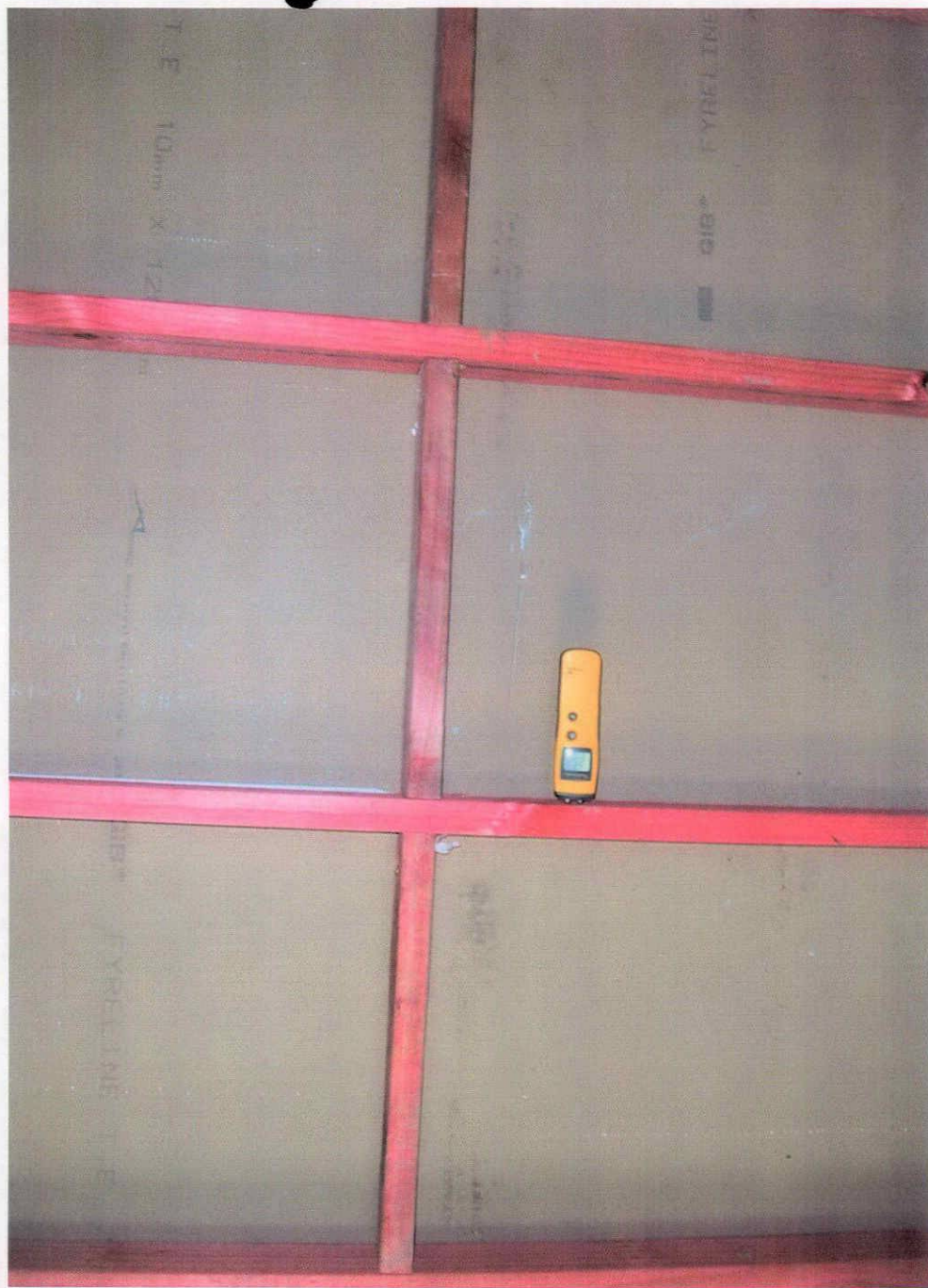
Building Control Officer: _____

Date: _____

P.T.O

4564

moisture - 27% RECHECK



SOUTH TARANAKI DISTRICT COUNCIL

Owners Name:

Project Address:

Consent No. BC:

Phone No.:

Cell Phone No.:

Contact Person:

Date and Time of Inspection:

Commercial ☐Dwelling ☒Garage ☐Garage/Sleepout ☐Farm Building ☐

Builder:

Reg No.:

Site Parameters:

	PASS	FAIL	N/A
Sitting confirmed	✓		
Footprint layout checked	✓		

Slab Foundations:

	PASS	FAIL	N/A
Bearing capacity	✓		
Height pegs placed	✓		
Foundation depth & width	✓		
Reinforcing bars - No., size, laps	✓		
Starter reinforcing - spacing, size	✓		
Cover to reinforcing	✓		
Bridging drains (SED)			✓
Specific design required		YES	NO

Pile Foundations:

	PASS	FAIL	N/A
Bearing capacity			↑
Excavation sizes and depths			↑
450mm crawl space achieved			↑
Anchor piles			↑
Braced piles			↑
Ordinary piles			↑
Pole foundation (SED)			↑
Specific design required		YES	NO

SED = Specific engineering design

Photo taken	YES	NO
-------------	-----	----

Pre Slab:

	PASS	FAIL	N/A
Floor to ground level confirmed	✓		
Thickness of floor slab	✓		
Correct hardfill compacted	✓		
Blinding layer compacted	✓		
Approved DPM lapped & taped	✓		
Slab size (max. 24m)			✓
HRC on mesh chairs			✓
Mesh chairs spacing			✓
HRC correct size & lapped			✓
Top cover (30mm)			✓
Supplementary bars in place			✓
Perimeter bars under starters			✓
Reinforcing at penetrations			✓
Starters turned into slab			✓
Isolated pads to beam supports			✓
Load bearing thickenings in place			✓

Pre Slab Plumbing:

	PASS	FAIL	N/A
Pipework lagged thru slab			↑
Pipework water / air tested			↑
Cleaning access provided			↑
Gradients of pipework			↑
Copper piping protected			↑
Plumbing method used	A/NZS 3500	NZBC G13	

General:

	YES	NO	N/A
Specific design floor slab-Ribcraft/Conraq/...			↑
Fibremesh or similar reinforcing			↑
Photos taken	YES	NO	

Field Inspection Notes:

all hard fill in place
all steel in place
DPM in place.

OK to pour.

Building Control Officer:

Date:

3507

VISION 33081

FILE COPY

Building Consent

Form 5, Sections 40 to 52
New Zealand Building Act 2004



Application Details

Applicant:	Application No:	BC080289
S K Griffiths	Consent Issue Date:	21/04/2008
29 Bedford Street	Application Date:	10/04/2008
Eltham 4322		

Project Detail

Description of Project:	New Garage
Intended Life (Years):	30
Owner:	S K Griffiths
Estimated Value:	\$ 11,000.00
Location:	29 Bedford Street Eltham 4322
Legal Description:	LOT 2 DP 4488
Valuation Reference No:	1220052800

Contractor Details


Builder:	S K Griffiths
Designer:	No Designer advised for this application
Plumber:	No Plumber advised for this application
Drainlayer:	No Drainlayer advised for this application

Signed for and on behalf of the Council:

Building Control Officer: _____

Date: 21/04/2008

FILE COPY

Note
Resource Consent
Still not
approved 12/13


Conditions of Building Consent No: BC080289

COMMENCEMENT OF WORK:

The Owner or person undertaking the building work shall give at least 2 working day's notice of the intended commencement of building work.

INSPECTION NOTIFICATION:

The request for inspections is to be made at least 24 hours before any inspection is required.

COMPLIANCE:

This building consent confirms compliance with the New Zealand Building Code. It does not give approval to commence building work until all other approvals have been obtained. Any approvals required for this project are listed on the Project Information Memorandum.

COMPLETION ADVICE:

The owner shall as soon as practical after completion of the building work, notify the Hawera Administration Office that the work has been completed in accordance with this building consent by completing and returning the attached Advice of Completion form.

COMMENCEMENT OF WORK:

This Consent shall lapse and be of no effect if the building work has not started within 6 months or reasonable progress made after 12 months.

REQUIRED INSPECTIONS

24hrs notice is required for all inspection bookings

FOOTING/FOUNDATIONS:

The owner or person undertaking the building work shall arrange for an inspection, for the checking of bearing capacity, depth and diameter, height pegs, steel placement, tying and laps.

PRE CONCRETE SLAB BUILDING:

The owner or person undertaking the building work shall arrange for an inspection before placing any concrete prior to the checking of the following: fill compaction, correct placement thickness and sealing of damp proof membrane, starter lengths into concrete slab, supplementary bar placement, correct mesh size, elevation and placement, location of construction and expansion joints.

MAIN FLASHING INSTALLATION:

The owner or person undertaking the building work shall arrange for an inspection to check the installation of the main flashing systems in compliance with the approved plans and Clause E2 of the Compliance Documents for New Zealand Building Code (External Moisture).

DRAINAGE:

The Registered Plumber/Drainlayer undertaking the work shall arrange for an inspection prior to covering for the following checks: bedding materials used, water test, falls, location of terminal vents, depth, boundary roding eye and inspection caps.

CODE COMPLIANCE CERTIFICATE:

The owner or person undertaking the work shall arrange for a FINAL inspection so compliance with the New Zealand Building Act can be verified, as soon as the work has been completed to enable a CODE COMPLIANCE CERTIFICATE to be issued.

THE ADDITIONAL INFORMATION IS ALSO APPLICABLE TO THIS CONSENT

All building work is to comply with the New Zealand Building Code.

An Electrical Certificate is to be submitted at the final inspection.

Project Information Memorandum

Sections 31 to 39

New Zealand Building Act 2004

Issued in accordance with Building Consent No: BC080289

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 has been prepared for the purposes of Section 31 to 39 of the Building Act 2004 and contains all relevant information held by the South Taranaki District Council.

The information provided is based on a search of Council's property records and there may be other information relating to the land, which has not been specifically recorded against this property or known to Council.

Any changes to the approved plans and specifications require an amendment form to be completed with appropriate changes and then submitted and approved by Council prior to any further work being carried out.

All storm water is to be disposed of on site to soak holes.

Where connection to Council's sewer is required a drainage rodding eye is to be installed within one (1) metre of the boundaries for all sewerage lines.

Gas/Electrical certificate is required to be submitted to building consent authority (Council) prior to Code Compliance being issued, where applicable.

No building work is to be undertaken until a resource consent has been obtained.

Signed for and on behalf of the Council:

Building Control Officer: _____

Date: 21/04/2008

Application for Code Compliance Certificate

Form 6, Section 92 of the Building Act 2004

Please return to the South Taranaki District Council

Private Bag 902, Hawera
Phone 0800 111 323 or 06 278 0555
Facsimile No: 06 278 8757

Consent Details

Applicant:	Application No:	BC080289
S K Griffiths	Home Phone:	06 7647401
29 Bedford Street	Business Phone:	
Eltham 4322	Mobile Phone:	

Project

Description:	New Garage
Owner:	S K Griffiths
Location:	29 Bedford Street Eltham 4322
Legal Description:	LOT 2 DP 4488
Valuation Reference No:	1220052800

You are hereby advised that

___ All of the building work under the above Building Consent is believed to have been completed to the extent required by that Building Consent.

You are requested to issue a Code Compliance Certificate accordingly (except where a Code Compliance Certificate has been issued by a building certifier as stated below).

The attached particulars include:

___ Building Certificates

___ A Code Compliance Certificate issued by a Building Certifier

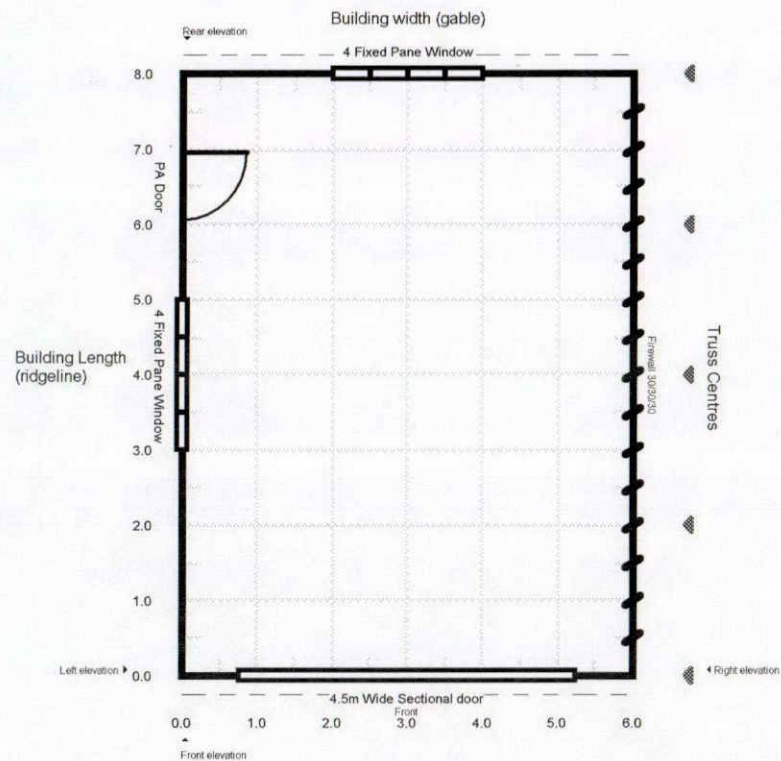
___ Producer Statements

Signed for and on behalf of the Owner:

Name: _____

Contact Phone number: _____

Versatile Buildings 1000 Series Floor Plan
 Customer: Miss. Sara Griffiths
 Site Address: 29 Bedford St, 4322, Eltham
 Reference: Warren-1
 Contact: Warren Johnson, Wanganui, 06 3482471



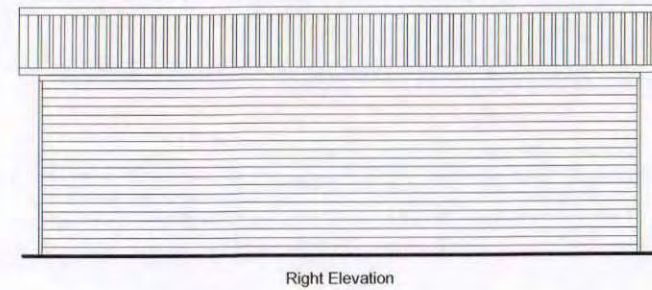
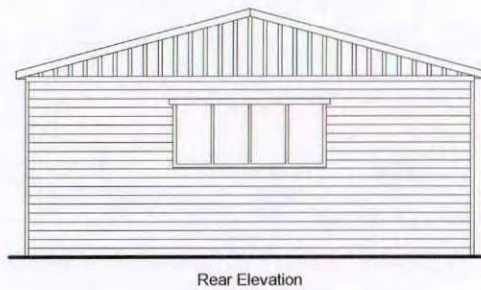
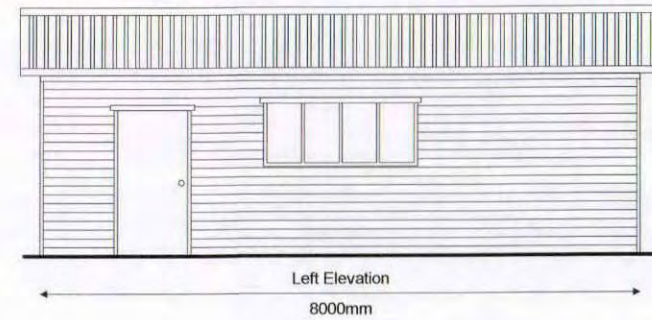
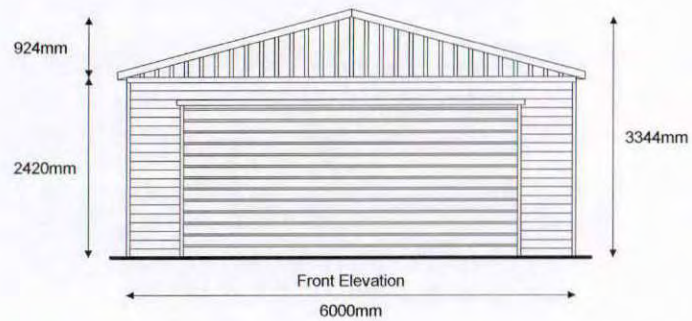
Versatile Buildings 1000 Series Elevations

Customer: Miss. Sara Griffiths

Site Address: 29 Bedford St, 4322, Eltham


Reference: Warren-1

Contact: Warren Johnson, Wanganui, 06 3482471



BUILDING CONSENT PROCESSING SHEET

OWNER: S. Griffiths APPLICATION NO: BC 080289

SITE ADDRESS: <u>29 Bedford St, Eltham</u>		PROPERTY NO: <u>3904</u>
BUILDER: <u>S. Griffiths</u>	REG #:	VALUATION NO: <u>12200/528/00</u>
PLUMBER:	REG #:	VALUE OF WORK \$ <u>11,000</u>
DESCRIPTION OF PROPOSED WORK: <u>New Garage</u>		RAPID NO:  PROC

DATE	ACTIVITY	OFF	HRS	AMT	DATE	INSP REQ	INSP COM	HRS	AMT
10/14	Admin	4	4	50-	SITE				
14/14	PROCES	108	5	43-	FOOTING	✓			
					FLASHINGS PROPRIETARY				
					FLASHINGS				
					FOUNDATION WALLS				
					CAVITY SYSTEM				
					CONCRETE FLOOR SLAB				
					SUB SLAB WASTES				
					CONCRETE BRICKWORK				
					BLOCKWORK				
					PRELINE - INSULATION/				
					MOISTURE/STRUCTURE				
					TIMBER SUBFLOOR				
					PRELINE BRACING				
					BRACING PANEL CHECK				
					PRIOR TO DECORATING				
					PRELINE - PLUMBING				
					PIPEWORK				
					DRAINAGE				
					DISABLED FACILITIES				
					FIRES FREESTANDING/				
					INBUILT				
					FIRE CODES				
					EXTERIOR COATINGS				
					COMPLETION BUILDING/	✓			
					PLUMBING				
					AMOUNT PAID				
					REFUND/PAY				

FEES (INCLUSIVE OF G.S.T.)		INVOICE	<input checked="" type="checkbox"/>
ADMINISTRATION COMPONENT	\$ <u>50-00</u>	LETTER	<input type="checkbox"/>
PIM FEE	\$ <u>21-50</u>	PIM	<input type="checkbox"/>
CODE COMPLIANCE CERTIFICATE	\$ <u>58-50</u>	CONSENT	<input checked="" type="checkbox"/>
INSPECTIONS	\$ <u>150-</u>	CCC	<input checked="" type="checkbox"/>
PROCESSING COSTS	\$ <u>43-</u>	NTF	<input type="checkbox"/>
UTILITY CHECK	\$		
STRUCTURAL CHECK	\$		
PHOTOCOPYING <u>66</u>	\$ <u>19-80</u>		
WATER CONNECTION	\$		
SEWER CONNECTION	\$		

QUALITY CONTROL COMPLETED

[Signature]

CONSENTS OFFICER

NOT APPROVED ☐

APPROVED ☒

OFFICER'S NAME WAYNE (BLG) / Cool (PLNG)

BUILDING:

CONSENT CONDITIONS

- | | |
|--|--|
| 1. <input type="checkbox"/> FOOTINGS | 18. <input type="checkbox"/> CHIMNEY INSPECTION |
| 2. <input type="checkbox"/> BLOCKWORK | 19. <input type="checkbox"/> PRE FIRE INSTALLATION |
| 3. <input type="checkbox"/> PRE CONCRETE FLOOR SLAB (PLUMBING) | 20. <input type="checkbox"/> FIRE APPLIANCE |
| 4. <input type="checkbox"/> PRE CONCRETE FLOOR SLAB (BUILDING) | 22. <input type="checkbox"/> FIRE INSTALLATION NOTIFICATION |
| 5. <input type="checkbox"/> SUB FLOOR FIXINGS / INSULATION | 23. <input type="checkbox"/> SMOKE DETECTION |
| 6. <input type="checkbox"/> FRAMING / ROOF STRUCTURE FIXINGS | 24. <input type="checkbox"/> EXTERIOR WALLS (COATINGS) |
| 7. <input type="checkbox"/> EXTERIOR CAVITY SYSTEMS | 25. <input type="checkbox"/> LOADINGS FOR RELOCATED BUILDINGS |
| 8. <input type="checkbox"/> FLASHINGS (PROPRIETARY & MAIN) | 26. <input type="checkbox"/> CONCRETE (SLUMP TEST) |
| 9. <input type="checkbox"/> PRELINE MOISTURE / BRACING / FIXINGS | 27. <input type="checkbox"/> DEMOLITION (SITE LEFT TIDY) |
| 10. <input type="checkbox"/> BRACING COMPLETION | 28. <input type="checkbox"/> WATER / SEWER DISCONNECTIONS |
| 11. <input type="checkbox"/> PRELINE INSULATION | 29. <input type="checkbox"/> DEMOLITION / FOOTPATH DAMAGE DEPOSIT |
| 12. <input type="checkbox"/> PRELINE PLUMBING | 30. <input type="checkbox"/> SEPTIC TANK REMOVAL |
| 13. <input type="checkbox"/> PLUMBING / VALVING | 31. <input type="checkbox"/> INFORMATION (PLUMBING DRAINAGE FURTHER CONSENT) |
| 14. <input type="checkbox"/> DRAINAGE | 32. <input type="checkbox"/> ELECTRICAL CERTIFICATE |
| 15. <input type="checkbox"/> SEPTIC TANK | 33. <input type="checkbox"/> Ps4 PRODUCER STATEMENT |
| 16. <input type="checkbox"/> DISABLED FACILITIES | 34. <input type="checkbox"/> BUILDING WORK |
| 17. <input type="checkbox"/> FIRE CODE COMPLIANCE | |

NOTES:

BUILDING:

- HAZARDOUS SECTION ☐ (Checked against the requirements of Section 31 of the Building Act 1991)
- CHECKED AGAINST STDC REGISTER ☐
- CHECKED AGAINST TRC REGISTER ☐

QUALITY CONTROL CHECK LIST

B1 Structure	<input type="checkbox"/> Site area of building <input type="checkbox"/> Footings <input type="checkbox"/> Reinforcing <input type="checkbox"/> DPM <input type="checkbox"/> Floor slabs <input type="checkbox"/> Holding down bolts <input type="checkbox"/> Pile spacings under floor access	<input type="checkbox"/> Subfloor framing <input type="checkbox"/> Framing general <input type="checkbox"/> Lintel sizes <input type="checkbox"/> Roof framing <input type="checkbox"/> Truss spacing and fixing <input type="checkbox"/> Bracing <input type="checkbox"/> Roof bracing
B2 Durability	<input type="checkbox"/> All above <input type="checkbox"/> External joinery <input type="checkbox"/> External cladding	<input type="checkbox"/> Roof <input type="checkbox"/> Plumbing <input type="checkbox"/> Fixtures and fittings
C1 Outbreak of fire	<input type="checkbox"/> Fire installations <input type="checkbox"/> Solid fuel appliances	<input type="checkbox"/> Gas appliances
C2 Means of escape	<input type="checkbox"/> Stairs <input type="checkbox"/> Corridors <input type="checkbox"/> Travel distances	<input type="checkbox"/> Fire safety systems <input type="checkbox"/> Number of occupants <input type="checkbox"/> Exit ways
C4 Structural stability	<input type="checkbox"/> Footings <input type="checkbox"/> Subfloor <input type="checkbox"/> Framing <input type="checkbox"/> Framing general	<input type="checkbox"/> Lintels <input type="checkbox"/> Roof fixing and framing <input type="checkbox"/> Bracing
C3 Spread of fire	<input type="checkbox"/> Fire walls <input type="checkbox"/> Occupants to have time to escape	<input type="checkbox"/> Fire filters to undertake rescue apps
D1 Access routes	<input type="checkbox"/> Disabled access <input type="checkbox"/> Stairwells	<input type="checkbox"/> Corridors
D2 Mechanical installations for access	<input type="checkbox"/> Lifts	<input type="checkbox"/> Escalators
E1 Surface Moisture	<input type="checkbox"/> Floor slabs above ground level	<input type="checkbox"/> Site stormwater disposal
E2 External Moisture	<input type="checkbox"/> Ventilation under house <input type="checkbox"/> Foil floor insulation <input type="checkbox"/> DPM <input type="checkbox"/> Building paper	<input type="checkbox"/> External joinery <input type="checkbox"/> External claddings (floors/walls) <input type="checkbox"/> Drainage
E3 Internal Moisture	<input type="checkbox"/> Wall linings	<input type="checkbox"/> Floor coverings and membranes
F1 Hazardous agents on site	<input type="checkbox"/> Dangerous goods, stores etc	
F2 Hazardous building material	<input type="checkbox"/> Site	<input type="checkbox"/> Asbestos etc.
F3 Hazardous substances and processes	<input type="checkbox"/> Paint shops	<input type="checkbox"/> Spray painters etc.
F4 Safety from falling	<input type="checkbox"/> Floor slabs <input type="checkbox"/> Window heights	<input type="checkbox"/> Balustrades <input type="checkbox"/> Disabled access
F5 Construction and demolition hazards	<input type="checkbox"/> Site area of building	<input type="checkbox"/> Safe practices
F6 Lighting for emergency	<input type="checkbox"/> Public buildings <input type="checkbox"/> Rest homes	<input type="checkbox"/> Hospitals etc.
F7 Warning systems	<input type="checkbox"/> Public buildings <input type="checkbox"/> Rest homes	<input type="checkbox"/> Hospitals etc. <input type="checkbox"/> Domestic Dwellings

QUALITY CONTROL CHECK LIST – continued

G1 Personal Hygiene	<input type="checkbox"/> Water temperature <input type="checkbox"/> Sanitary fixtures and fittings	<input type="checkbox"/> Floor surfaces (disabled access)
G2 Laundry facilities	<input type="checkbox"/> As required by regulations	
G3 Good preparation and prevention of contamination	<input type="checkbox"/> Surfaces used <input type="checkbox"/> Water temperatures <input type="checkbox"/> Availability of water	<input type="checkbox"/> Safeguard food from contamination <input type="checkbox"/> WHB/sinks in kitchens etc.
G4 Ventilation	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Manual (opening windows)
G5 Interior Environment	<input type="checkbox"/> Insulation <input type="checkbox"/> Heating	<input type="checkbox"/> Ventilation <input type="checkbox"/> Linings
G6 Airborne and sand impact	<input type="checkbox"/> Industrial areas <input type="checkbox"/> Residential close to industrial	<input type="checkbox"/> Isolation of tenancies
G7 Natural light	<input type="checkbox"/> External joinery <input type="checkbox"/> Light wells	<input type="checkbox"/> Windows etc.
G8 Artificial light	<input type="checkbox"/> Lux at floor level throughout building	<input type="checkbox"/> Energy lighting
G9 Electricity	<input type="checkbox"/> Electrical energy certificate	
G10 Piped services	<input type="checkbox"/> Piping plumb out	<input type="checkbox"/> Gas pipe out
G11 Gas as an energy source	<input type="checkbox"/> Ventilation available <input type="checkbox"/> Isolation valves safe	<input type="checkbox"/> Gas pressures
G12 Water Supplies	<input type="checkbox"/> Safety of potable water <input type="checkbox"/> Water temperatures	<input type="checkbox"/> Pipe out of building <input type="checkbox"/> Valving to be used
G13 Foul water	<input type="checkbox"/> Disposed to reticulated disposal	<input type="checkbox"/> Disposed via onsite disposal
G14 Industrial hazardous waste	<input type="checkbox"/> Disposal of	
G15 Solid waste	<input type="checkbox"/> Disposal of	
H1 Energy efficiency	<input type="checkbox"/> Insulation <input type="checkbox"/> Glazing etc (% of glass per wall area)	
Compliance schedule	Is compliance schedule required? If yes application/information to be sent with building consent. YES/NO	

HERITAGE STATUS CHECK



05 January 2010

Sara Kathryn Griffiths
29 Bedford Street
Eltham 4322

Private Bag 902
Hawera 4640
Phone: 06 278 0555
Freephone: 0800 111 323
Fax: 06 278 8757
Website: www.stdc.co.nz

Dear Sir/Madam

Application for Code Compliance Certificate

Re: Building Consent No. BC080289, New Garage, 29 Bedford Street Eltham 4322

Section 93(2) of the Building Act requires that if after 24 months from the granting of a consent, a Code Compliance Certificate has not been applied for, the Council's Building Consent Authority must decide whether or not to issue one. With respect to your consent, the date for this decision falls due on 14 April 2010.

Under Section 92 of the Building Act 2004, the building owner must apply for a code compliance certificate (CCC) after all building work to be carried out under a building consent is completed.

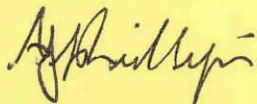
If your building is **complete**, please ring the South Taranaki District Council on 0800 111 323 and book a final inspection. You will need to bring in a completed Form 6 Application for Code Compliance Certificate before we are able to book the inspection. This can be located at the back of your building consent. If your building work is **nearly complete** and will be **completed** within the two-year timeframe, please ring and book a final inspection once the work is completed.

If you anticipate that the building work will **not be completed** within the two-year timeframe, you have 2 options:

1. Apply to the Council for an extension of time to complete the project under Section 93 of the Building Act 2004, or
2. Apply to the Council for an amendment to this building consent to cover only those parts of the work that will be completed within the two-year timeframe.

If you would like to discuss this matter further please contact me on 0800 111 323.

Yours sincerely



Andre Phillips
Building Control Manager

01 March 2010

Sara Kathryn Griffiths
29 Bedford Street
Eltham 4322

Private Bag 902
Hawera 4640
Phone: 06 278 0555
Freephone: 0800 111 323
Fax: 06 278 8757
Website: www.stdc.co.nz

Dear Sir/Madam

Application for Code Compliance Certificate

Re: Building Consent No. BC080289, New Garage, 29 Bedford Street Eltham 4322

We recently wrote to you to advise and remind you of your obligation to apply for a Code Compliance Certificate (CCC). The content of our previous letter is set out below.

Under Section 92 of the Building Act 2004, the building owner must apply for a code compliance certificate (CCC) after all building work to be carried out under a building consent is completed. The Council, under Section 93 of the same Act, must decide whether to issue a CCC within 20 working days of the two-year anniversary (21 April 2010) of the date the building consent was issued.

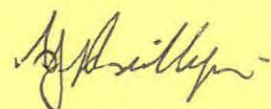
If your building is **complete**, please ring the South Taranaki District Council on 0800 111 323 and book a final inspection. You will need to bring in a completed Form 6 Application for Code Compliance Certificate before we are able to book the inspection. This can be located at the back of your building consent. If your building work is **nearly complete** and will be **completed** within the two-year timeframe, please ring and book a final inspection once the work is completed.

If you anticipate that the building work will **not be completed** within the two-year timeframe, you have 2 options:

1. Apply to the Council for an extension of time to complete the project under Section 93 of the Building Act 2004, or
2. Apply to the Council for an amendment to this building consent to cover only those parts of the work that will be completed within the two-year timeframe.

As this is our final notice on this matter please urgently advise us, in writing, of your intentions around this building consent.

Yours sincerely



Andre Phillips
Building Control Manager

PIM NOTES

OWNER: **S. Griffiths**

APPLICATION NO: BC - **080289**

CONTACT PERSON:

VALUATION NO: **12200/528/00**

ADDRESS OF WORK:

PROPOSED USE:

29 Bedford St, Eltham

BUILDER:

S. Griffiths

DESCRIPTION OF WORK:

New Garage

DATE	ACTIVITY	OFFICER	HOURS	RATE	AMOUNT
11/4/08	Planning	CD	1/4	86 -	21.50.
				TOTAL	
				PAID	
				BALANCE	

PROPERTY INFORMATION MEMORANDUM PROCESSING

	Date Placed in Tray	Date Completed
Planning	10/4/08	11/4/08
Water and Sewer		
Vehicle Crossing		

- ☒ Compliance Check with District Plan rules
- ☒ PIM Note *No building work is to be undertaken until a resource consent has been obtained.*
- ☒ Compliance Check with Resource Consent number RM granted *1* *1*
- ☒ Designations/Protected Trees/Historic sites etc
- ☒ Site Plan required. Date

Please indicate on the enclosed map the distances from the proposed
to all boundaries

Complies: Yes/No *Yes* Date *11/4/08*

Officers' Names

CARL

WAYNE

SERVICES

WATER MAIN

APPLICATION FORM SENT

SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$..... SIZE..... mm

SEWER MAIN

APPLICATION FORM SENT

SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$..... SIZE..... mm

STORMWATER

APPLICATION FORM SENT

MAIN SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$..... SIZE..... mm

DISCONNECTION AND RECONNECTION FEES (DEMOLITION & REMOVALS)

WATER

SEWER

SIGNATURE

DATE

OTHER (e.g. HEALTH/STRUCTURAL etc)

LICENCES REQUIRED (Health/Dangerous Goods etc)

SIGNATURE

DATE

Tax Invoice/Statement: 5357

GST Reg. No: 52-769-477

Invoice Date: 14 April 2008

S K Griffiths
29 Bedford Street
Eltham 4322

PAID
FILE COPY

Address: Private Bag 902
Hawera
Phone: 06 278 0555
Free Phone: 0800 111 323
Facsimile: 06 278 8757
Email: contact@stdc.govt.nz
Website: www.stdc.co.nz

Application Number: BC080289
Description: New Garage
Owner: S K Griffiths
Location Address: 29 Bedford Street Eltham 4322

Charge Description	Charge	GST	Amount
Building Consent Administration Fee	\$44.44	\$5.56	\$50.00
Code of Compliance Certificate Fee	\$52.00	\$6.50	\$58.50
Rural/Residential Inspection Fee	\$133.33	\$16.67	\$150.00
Building Consent Processing/Plan Checking	\$38.22	\$4.78	\$43.00
Photocopying Charge	\$17.60	\$2.20	\$19.80
Planning Assessment	\$19.11	\$2.39	\$21.50
Total	\$304.70	\$38.10	\$342.80

We look forward to receipt of your payment to enable completion of your consent.

Remittance Advice**Please post to:**

South Taranaki District Council
Private Bag 902
Hawera

Application Number: BC080289
Applicant: S K Griffiths
Amount Due: \$342.80

Processing Checklist – Garage

Applicant Name:

G Griffiths

PIM No:

BC No:

080289

Site Address:

29 Bedford St Eltham.

Date:

11 4 08

Notes:

P51 Design.

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents <small>Note: N/A = this item is not applicable to this application and has not been assessed</small>	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Application checklist completed & attached?	Yes/No			
Planning PIM detail				
Planning check & requirements noted?	Yes/No			
Is this a sloping site	Yes/No			
Floor to finished ground level noted on plan	Yes/No			
Min. floor heights for areas subject to flood shown on plans				
Building PIM detail				
Classification of exposure zones	Yes/No			
Building requirements from PIM noted?	Yes/No			
Building consent detail				
Site plan showing measurements to all boundaries?	Yes/No			
Sloping site accurately shown on plans				
Vehicle crossing required?	Yes/No			
Foundations				
Footing dimensions				
Concrete block foundation details				
Concrete strength specified				Specified mPa:
Reinforcing: size, type, placement on plans				
Fire wall footing details				

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents Note: N/A = this item is not applicable to this application and has not been assessed	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Foundation walls				
Floor heights in relation to finished ground levels				
Heights & dimensions of foundation walls shown				
Reinforcing: size, type, placement on plans				
Retaining wall details (incl. landscape walls)				
Waterproofing details of retaining walls on plans				
Protection of waterproofing detailed on plans				
Drainage of retaining walls detailed on plans				
Slab on Ground				
Concrete strength specified				Specified mPa:
Floor heights above FGL shown on plans				
Hardfill detail				
Compacted fill (report required if > 600mm in depth)				
Damp proof membrane details				
Slab Thickening				
Pod details				
Steel mesh details				
Supplementary reinforcing details				

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents <small>Note: N/A = this item is not applicable to this application and has not been assessed</small>	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Shrinkage control joints detailed on plans				
Free joints (slabs > 24m) detailed on plans				
Approved Engineers Producer Statements				
Framing				
Wind zone identified (so fixings can be checked)				
Exposure zones identified (so fixings can be checked)				
Bottom plate fixing details				
Stud height & spacings				
Lintel sizes & specifications shown on plans				
Engineers beam design & calculations				
Fire rated wall design				
Rafter size, spacing & span				
Rafter fixing details				
Ridge board details				
Purlin size, spacing & span				
Purlin fixing details (wind zone)				
Building paper/wrap specified – walls				
Building paper/wrap specified – roof				
Roof membrane substrate detail shown on plans				
Roof framing set out suitable for substrate				

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents <small>Note: N/A = this item is not applicable to this application and has not been assessed</small>	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Roof cladding specified				
Roof cladding suitable for min. roof pitches (length of sheet may effect min. pitch)				
Internal gutter(s) construction detail shown on plans				
Internal gutter(s) overflow detail shown on plans				
Bracing				
Bracing Schedule				
Fixing details for framing and sheet material provided				
Elements equally distributed throughout building				
Roof bracing details				
Exterior				
Exterior cladding(s) specified				
System specification provided				
E2 Risk Matrix Assessment checked				
Cavity system details (batten size, fixing & treatment)				
Vermin proofing of cavity				
Internal & external corner details				
Junction details of dissimilar materials				
Bottom edge clearances to FGL				

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents <small>Note: N/A = this item is not applicable to this application and has not been assessed</small>	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Brick veneer cavity, fixing & rebated waterproofing detail				
Double studs or blocking to openings for brick veneer ties				
Brick veneer > 4m high				
Brick veneer lintel bars				
Flashings				
Proprietary window/door flashing details				
Window/door head flashing details				
Window/door side flashing details				
Window/door sill flashing details				
Apron/saddle flashing details				
Stop end apron flashing details				
Internal corner flashing details				
Stormwater				
Stormwater disposal shown on plans				
Gutter & outfall sizes in relation to roof size				
Kitset Garage Design accepted under Approved Producer Statement Author				

Processing Checklist – Garage

Item to be checked for compliance: with the NZ Building Act 2004, NZBC & Approved Documents <small>Note: N/A = this item is not applicable to this application and has not been assessed</small>	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC was achieved
	Complies	N/A	Non-Complying	
Application suspended for further information?				Suspended Date: _____ Suspended Date: _____ Lifted Date: _____ Lifted Date: _____
Structural - Application approved: Conditions & Inspections entered on C?				Yes/No _____ Officer: _____ Signed: _____ Date: _____
Building - Application approved: Conditions & Inspections entered on C?				Yes/No _____ Officer: _____ Signed: _____ Date: _____

VB2000



CONTENTS

SECTION 1	SPECIFICATION DETAILS
SECTION 2	FOUNDATION DETAILS
SECTION 3	WALL FRAMING DETAILS
SECTION 4	ROOF FRAMING DETAILS
SECTION 5	HARDWARE FIXING DETAILS
SECTION 6	WALL & ROOF BRACING DETAILS

CLIENT

Miss. Sara Griffiths

29 Bedford St
4322
Eltham



MiTek New Zealand Ltd.

HOME OF GANG-NAIL® BUILDING SYSTEMS



VERSATILE®
BUILDINGS

VB2000

PRODUCERS STATEMENT DESIGN

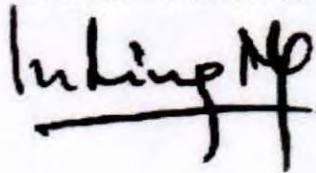
MiTék New Zealand Ltd has been engaged by Versatile Buildings Limited to provide engineering design services in respect of the requirements of clause(s) B1 of the building regulations 1992 for that part of the building work as specified. The design has been prepared in accordance with NZS4203, NZS3603 & NZS3604, approved documents of the NZ Building Code and the work as described on the MiTek New Zealand drawings titled VB2000.

As an independant design professional covered by a current policy of Professional Indemnity Insurance to a minimum value of \$500,000 I believe on reasonable grounds that subject to:

1. The verification of the design assumptions within the VB2000 documentation.
2. All proprietary products meeting the performance specification requirements.

the drawings, specifications and other documents according to which the building is proposed to be constructed, comply with the relevant provisions of the building code.

For and on behalf of MiTek New Zealand Ltd



In Ling Ng
B.E. (Hons) MIPENZ (Structural)
CPEng, IntPE
Member ID 146585

for MiTek New Zealand Ltd.
20 Kotzikas Place
Christchurch
New Zealand

1st April 2008

VB2000

MANUFACTURERS STATEMENT DURABILITY

To satisfy the requirements of Clause B2: 'Durability' of the New Zealand Building Code, the metal cladding material needs to meet a 50-year durability life. To achieve that, the following provisions must apply:

Range of Product and Use.

Specification:	AS1397:2001
Coating type:	Zinc/Aluminium & painted
Steel thickness range:	0.35mm - 0.95mm BMT
Steel grade range:	G300 - G550
Application:	Standard Versatile Walls on Class IV Building category as per NZS4203:1992
Fasteners:	Heavy Zinc or Zinc-tin coated clouts to comply with AS3566.2-2002 Classes 3 & 4. Aluminium rivets for all steel components. IFI114:1986

Requirements, Limitations and Exclusions.

- Applicable to buildings in Sea-Spray zone and exposure zones 1,2,3 & 4 in accordance with Clause 4, Durability, NZS 3604:1999 which is an acceptable solution under clause B2 of the NZBC
- Fixing and installation of the cladding must be done exactly in accordance with Versatile Buildings Specifications.
- Normal and regular maintenance must be carried out on the exterior surface of the cladding and the following guide must be followed to ensure the durability requirements are met.

Regular Maintenance.

Exposure zones 1,2,3 & 4. (All areas other than sea spray zones - see below)

- Rain washing only required on exposed sections, sheltered or protected areas such as under spouting, top cladding boards and tops of doors require washing every 3 months.

Sea spray zones (Within 500m from the sea or 100m from sheltered harbours or inlets) and areas of Geothermal activity.

- Rain washing only required on exposed areas. Sheltered and protected areas such as under spouting, top cladding boards and tops of doors require washing down every month and when corrosive salts are present.

Extended Maintenance, Painting or Repainting.

• Extended Durability

Once the metallic coating or the paint system has weathered away, signs of red rust for bare material or signs of the metallic coating for painted material, painting of the entire surface is required to extend the life of the cladding product. Paint manufacturer's recommendations are to be followed for surface preparation and paint type to be used.

• Evident Corrosion

Areas that show signs of white or red rust/ corrosion (typically in unwashed areas) require cleaning back with a stiff brush and cleaner to remove all dust, surface contaminants and corrosion products and present a sound substrate for painting. Priming of the surface and application of two coats of paint as per the Paint Manufacturer's recommendations is then required. Particular attention needs to be paid to laps (side, end, flashing etc) where earlier corrosion may start due to moisture and dirt entrapment.

If evident corrosion is not treated quickly rapid deterioration of the sheet may occur which could result in perforation. At this stage replacement of the affected sheet is the best option.

References.

1. NZS 3604:1999, clause 4, Durability.
2. Versatile Buildings Assembly Instructions.
3. New Zealand Building Code 1992



Jeffrey Geayley
for Versatile Buildings Ltd
112 Waterloo Road, Christchurch
New Zealand
Dated: 1st April 2008

VB2000

EXPLANATION

The following designs cover the structural aspects (excluding floor details) of the construction of Versatile Buildings Ltd standard range of garages for both the 600 and 1000 Series. The sequence of design information is broken down into the following categories:

- Wall Framing.
- Truss Design.
- All Structural Fixings.
- Building Stability Design for both roof and walls.

All other aspects of the Structure are constructed in accordance with the standard Versatile Buildings Ltd details for garages.

Copyright: These drawings must not be used without express prior permission from MiTek NZ Ltd. and Versatile Buildings Ltd.

BRANZ Note: Copies of Bracing Test Report for wall cladding, Test number STR346, available for inspection from Versatile Buildings Ltd., 112 Waterloo Road, Christchurch.

Building Classification: Buildings designed for Class 5 Category as defined in NZS4203:1992 Table 2.3.1

Patent: 'FlexiBrace' subject to Patent No: 504428 MiTek N.Z. Ltd.

Steel 'Stud Saver' subject to registered Patent No's 330803 & 314494



MiTek New Zealand Ltd.

HOME OF GANG-NAIL® BUILDING SYSTEMS

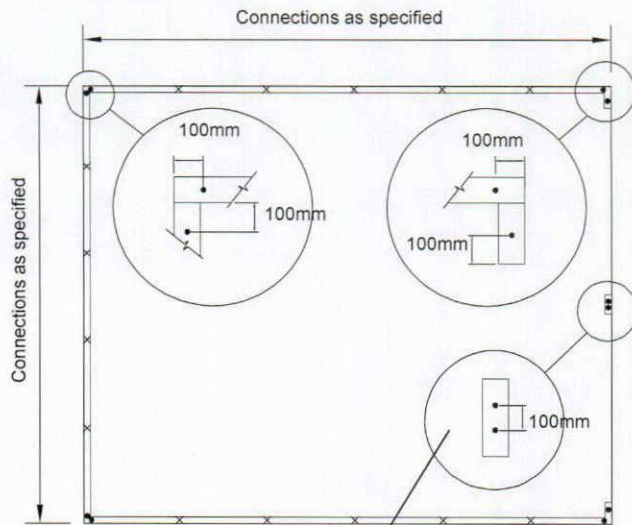


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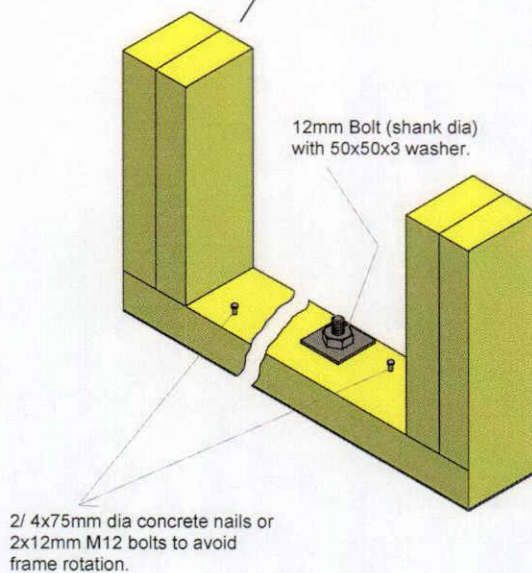
VB2000

FOUNDATION DETAILS

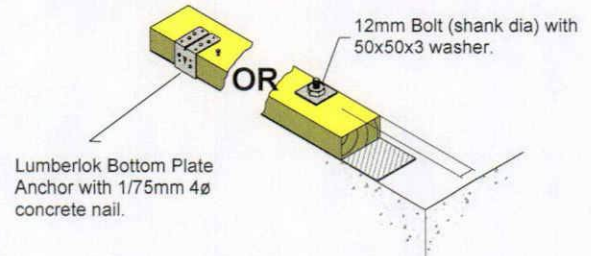
2.4m WALL HEIGHT BOTTOM PLATE FIXING LOCATIONS



NOTE: Connections must be applied to all corners and door openings shown and then spaced, as per layout above, between these points



BOTTOM PLATE CONNECTION TYPE



NOTE: For fastener spacing @ 900 ctrs, truss spans building width can be increased by 25%

Wind Load	Max Building	Fixing Spacing
medium	10600 12000	1200 900

VB2000

DESIGN INFORMATION

Design Scope

The VB2000 design series covers the structural requirements for the Purlin fixing, Truss fixing, Truss design, Truss bracing, Wall & Roof Bracing, Lintels, Verandah / decks & Garaports. All other structural requirements are as per NZS3604: 1999

Building Erection

Proper bracing must be installed to hold the components true and plumb and in a safe condition until permanent bracing is fixed. All permanent bracing and fixings must be installed before applying any loads.

Design References

NZS3603:1993
NZS3604:1999
NZS4203:1992
NZS3602:2003
AS1649:2001

Truss Joints

GANG-NAIL plates are to be pressed into both sides at each joint by a licensed GANG-NAIL fabricator

Load Details

These drawings have been prepared using the above design loads.
It is the responsibility of the user to ensure that the design data and loads are still correct at the time of construction.

Design Loads

Dead loads for Light Roof

Top Chord = 0.15kPa (includes weight of trusses, purlins, associated framing and zincalume roof).
Bottom Chord = 0.2kPa for trusses @ 1200 crs with ceiling.

Live loads

1.0kN concentrated load, 0.25kPa uniform load on roof section & 2.0kPa uniform load for decks.

Wind loads

Buildings designed for UP TO HIGH wind conditions as per the attached selection charts and as defined by NZS3604:1999.

Seismic loads

Seismic Zones A, B or C.

Snow loads

Buildings designed for up to 1.00kPa Snow load as shown on the attached selection chart.

Refer to MiTek New Zealand Limited for any design modifications required for increase in snow loads or wind loads above those stated on the drawings.

Buildings designed for class V category as NZS4203:1992 Table 2.3.1



MiTek New Zealand Ltd.

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WALL FRAME DETAIL

Stud Design Table

Wind Load	Wall Height (mm)	Stud Ctrs (mm)	Size & Grade
medium	2400	1000	90X35 MSG10

Timber Grade & Design

- Top plates, bottom plates & studs are to be constructed in 90 x 35 minimum grade to be MSG10 or better in all situations as described in the table shown above.
- All other wall framing members not specified can be non structural grade.
- All purlins and stiffening added to the lintels to be minimum 90x45 MSG8 grade.
- Note: 1000 Series buildings do not have dwangs.

Timber Treatment

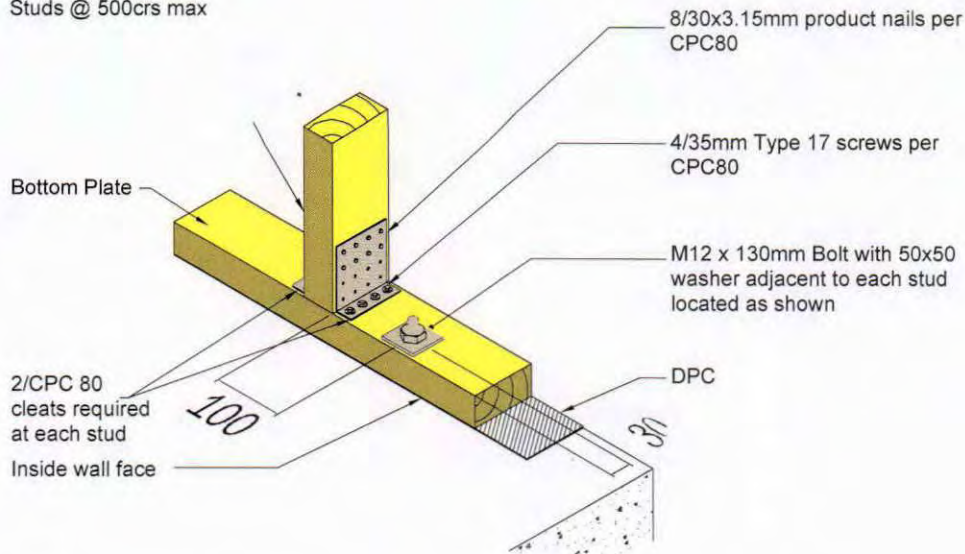
- Treated Timber is to be used in the construction of the buildings as defined by the frame and truss requirements in NZS3602:2003. All treated timber is to meet the required standards.
- Minimum H1.2 timber treatment is to be used in all wall framing which are enclosed with GIB board lining, i.e. sleepouts etc.
All unlined wall framing shall be kiln dried, chemical free.
- Treatment of Verandah & Deck construction refer to Verandah and Deck details in this document (if included)
- Trusses including Gable Ends can be untreated.

VB2000

FIREWALL FRAMING DETAILS

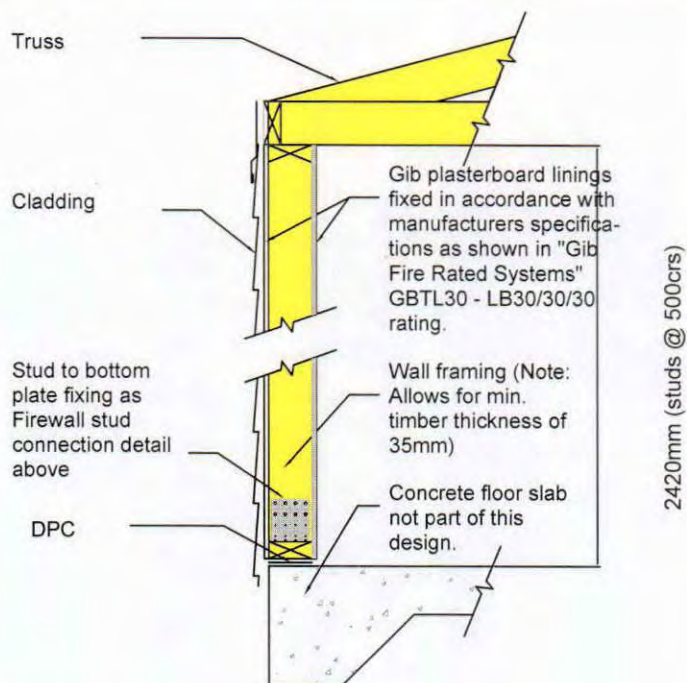
FIREWALL CONNECTION/CROSS SECTION

Studs @ 500crs max



NOTES:

Both faces of wall clad in fireproof lining. Not shown for clarity.



NOTES:

This detail covers an alternative Stud to Bottom Plate connection for a firewall situation.

VB2000

SPAN, LOAD AND TRUSS DETAILS

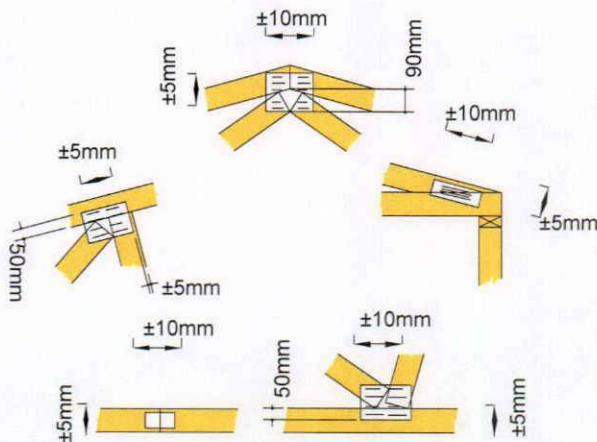
Load Chart

Live Load =	0.25 kPa (Distr)
	1.0 kN (Conc)
Dead Load =	0.15 kPa (Top Chord)
	0.20 kPa (Bottom Chord)
	on 900 & 1200 crs with ceiling
Wind Load Cpi =	0.50 max
Cpe =	0.80 max
Purlin Spacing =	1000 max

Span Chart

Truss Centers	Wind Load	Snow Load (kPa)
2000	medium	0.5

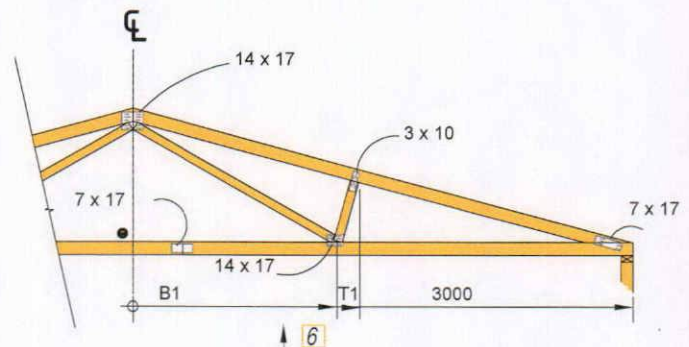
Construction Tolerances



NOTE:

Plates are to be fully pressed home on both sides of joints.
The plate axis must be located in the specified or indicated direction.
Typical positioning tolerances for plates

6,000 Span



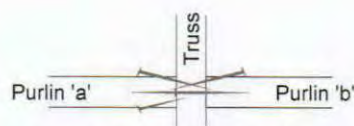
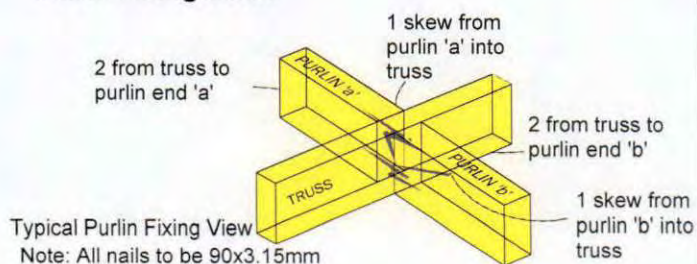
NOTE:

1. Truss Top Chord pitch range is 15°, 20°, 25°, 30°
2. ● Indicates location of Bottom chord brace (truss stiffener)
3. ↑ 6 Indicates the truss camber (typical)
4. All truss plates are Gang-Nail® GN10 type
5. All top & bottom chords are to be MSG10 90x35 Douglas Fir
6. All webs are to be a min. MSG8 - 70x35 Douglas Fir

VB2000

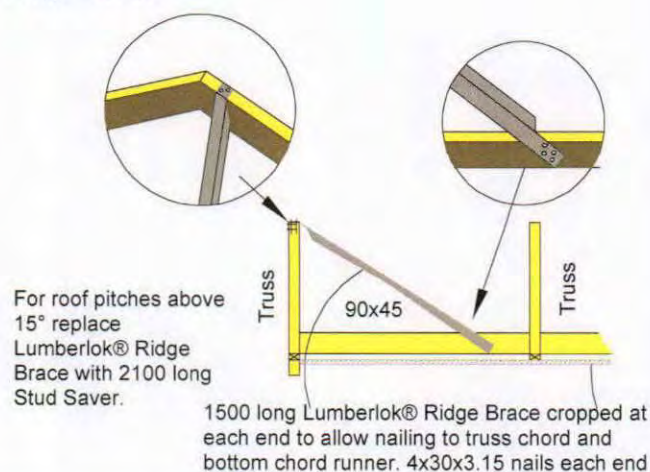
TRUSS DETAILS

Purlin Fixing Detail

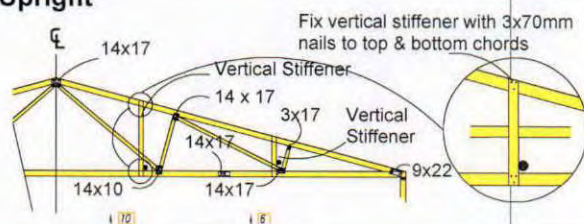


Note: All nails to be 90x3.15mm

Ridge Brace

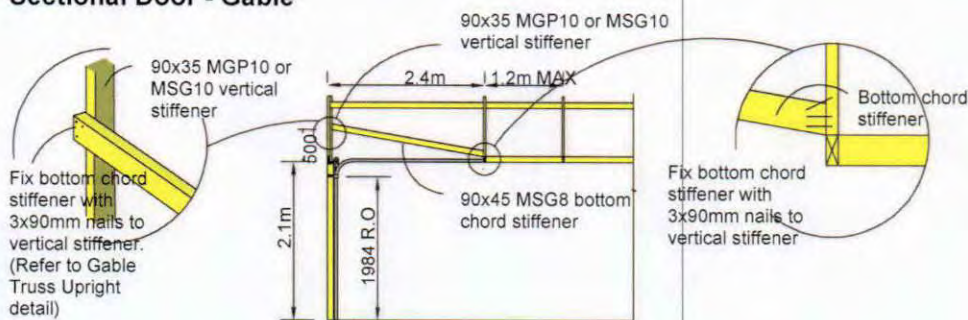


Gable Truss Upright



For Roller & Sectional Doors

Sectional Door - Gable



NOTE:

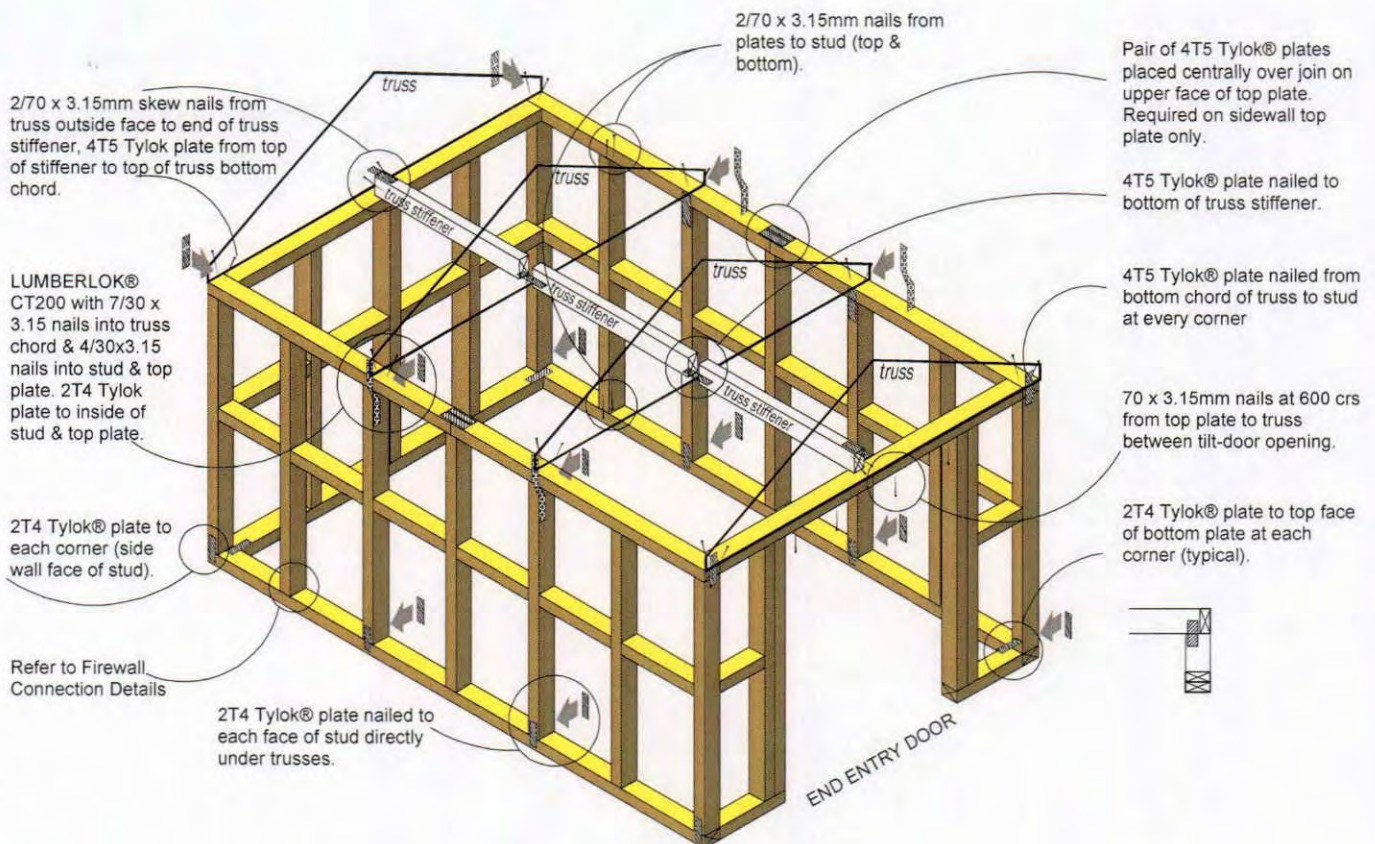
1000 Series Truss Set-Back. When 2.4 truss set-back on 1000 series, a solid blocking between studs under the top plate shall be provided under the truss position. 2/90x35mm framing as blocking.

VB2000

HARDWARE FIXING DETAILS

Hardware Fixing Locations

Gable Entry



NOTE: 1) Hardware fixings apply to both 600 & 1000 series buildings. 2) 1000 series buildings do not have dwangs.

VB2000

EXPLANATION

The Building Stability Design of the standard range of garages is broken down into two separate areas, and are as follows: -

Roof Bracing

Using a diaphragm approach, the roof is braced using a series of Strip Brace and / or Multibrace patterns in the plane of the truss top chords to transfer the wall and roof wind demand to the top plates. The loads at the top plate level are then transferred to the foundation through the wall bracing system.

The layouts of Strip Brace and Multibrace patterns are determined by the size and shape of the building plus the relevant wind zones appropriate for that design. These layouts are determined on the VB2000 Series drawings on the following pages.

Wall Bracing

Using a Bracing Units approach the tables shown on the following pages give the loading demand of the respective buildings dimensions and wind loads. The use of wall cladding and / or Secondary Bracing systems provides the method of achieving the required bracing demand. These cladding and secondary bracing units are detailed on the following pages also.

Within allowable side wall and end wall length ratio there is an ability to brace buildings on all three sides only when large door openings make installation of braces impossible. The bracing demand in these situations is laid out in the tables on the following pages.

The VB2000 Series covers stand alone buildings up to but no greater than a width and or length of 12m. In cases where portion walls are available, buildings can be over the 12m overall dimension provided the rules on the following page are followed and installed as per the diagram shown on the following page.

All Angle Brace, Strip Brace, Multibrace & Flexi-Brace options can be located anywhere along the braced wall provided they fit the required dimensions.

VB2000

BRACING DEMAND RULES

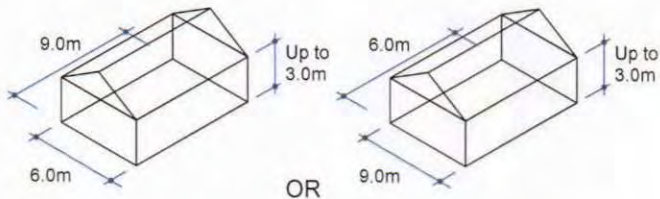
1. BUILDING DIMENSIONS

The maximum building dimensions must not exceed 12m in width and or length.

2. SIDE/END WALL RATIOS DEFINITION

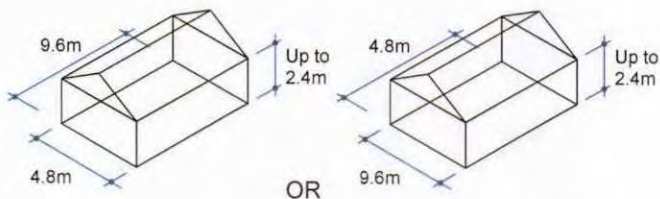
a. 1 to 1.5 Ratio applies only when 3 walls of bracing are available (See rule 4a) on L,M,H & V/High Wind Loads up to 3.0m high.

e.g.



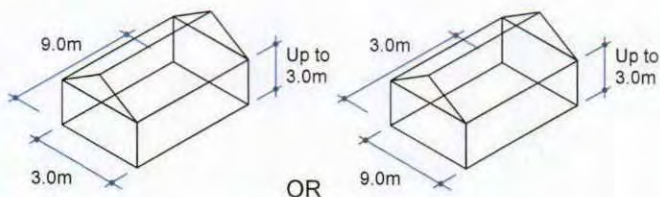
b. 1 to 2 Ratio applies only when 3 walls of bracing is available (See rule 3a) on L, M,H & V/High Wind Loads up to 2.4m high.

e.g.



c. 1 to 3 Ratio applies only when 4 walls of bracing is available (See rule 3b) on L, M,H & V/High Wind Loads up to 3.0m high.

e.g.



3. WALL BRACING DEMAND OPTIONS

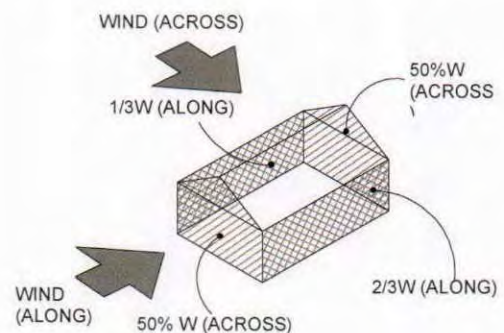
3a. Where 3 walls only are available, establish the demand for ALONG & ACROSS for the specific tables on the following pages. Apply the full bracing unit required to the respective walls and brace accordingly.

3b. Where four walls can be used for bracing, establish the demand on the following pages) by using the tables called "Both end walls available" and "Both side walls available".

NOTE

The shortest two walls must have bracing equally distributed between them.

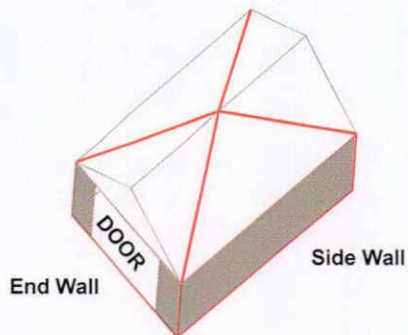
If that is achieved the Total Bracing Units in the longer walls maybe distributed on a 2/3 to 1/3 split, e.g. A total of 150 Bu's can be distributed in one of the longer walls and the remaining BU's distributed to the other longer wall. (See below)



VB2000

ROOF BRACING

BRACING 6.0m Width, 8.0m Length, medium Wind Zone



ROOF BRACING NOTES

Indicates a single row of Lumberlok Strip Brace tensioned up and laid over the top of the purlins, fix each end with 5/30 x 3.15 nails (typical) Fix at crossings with 2/30 x 3.15 nails.

VB2000

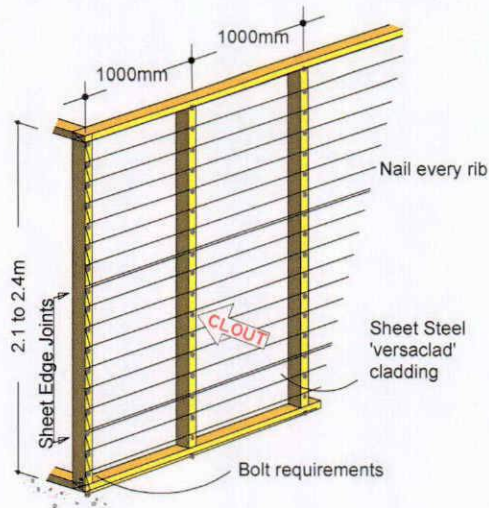
WALL BRACING

BRACING ELEMENT

VV1

Wind Bracing units per 1.0m wall:

50



LEGEND

refer to: Producer Statement, VB2000,
for bracing element & fixing details.



1000 SERIES BRACING V2.0

All secondary bracing ratings must only be used in conjunction with Supertiad or Versaclad on external walls. On internal walls lined one side with plaster board, customwood or similar the values can be used on their own to achieve required bracing units

Client : Griffiths
Order No:
Size : 8000 x 6000mm
Windzone: Medium
Roof Pitch: 15 Deg

STEP 1: BRACING DEMAND FOR WIND DIRECTION.
ALONG=(RIDGE LINE)

WALL WIDTH	LOW	MED	HIGH	V.HIGH
3000	35	46	66	
4000	47	62	88	
5000	59	77	110	
6000	70	92	132	
7000	82	107	154	
8000	94	122	176	
9000	105	138	198	

WRITE IN BOX: A
92
WALL B.U.'S REQ'D

WRITE FIGURE HERE
& WRITE FIGURE HERE
92
WALL B.U.'S REQ'D

WRITE IN BOX: B
92

CIRCLE SELECTED

STEP 4: BRACING DEMAND FOR WIND DIRECTION.
ACROSS=(GABLE END)

WALL WIDTH	LOW	MED	HIGH	V.HIGH
3000	49	65	95	
4000	65	86	126	
5000	81	108	158	
6000	97	130	189	
7000	113	151	221	
8000	130	173	252	
9000	146	194	284	
10000	162	216	315	
11000	178	238	347	
12000	194	259	378	

WRITE FIGURE HERE
173
WALL B.U.'S REQ'D

WRITE IN BOX: C
173

WRITE IN BOX: D
0
WALL B.U.'S REQ'D

CIRCLE SELECTED

STEP 2a: CLADDING: PRIMARY BRACING

CODE	RATING	QUANTITY	TOTAL
VV1	50	5	250
			$x =$

CLADDING ACHIEVED
250

STEP 2b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY
VA1	70	0
VT1	70	0
VF1	125	0
VF2	150	0
VF3	50	0
VF4	70	0

HARDWARE ACHIEVED
0

BOX: A
TOTAL BU'S REQ'D
92
from step 2 or 2a
HARDWARE REQ'D
0
TOTAL BU'S ACHIEVED
250

STEP 2a: CLADDING: PRIMARY BRACING

CODE	RATING	QUANTITY	TOTAL
VV1	50	8	400
			$x =$

CLADDING ACHIEVED
400

STEP 2b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY
VA1	70	0
VT1	70	0
VF1	125	0
VF2	150	0
VF3	50	0
VF4	70	0

HARDWARE ACHIEVED
0

BOX: B
TOTAL BU'S REQ'D
92
from step 2 or 2a
HARDWARE REQ'D
0
TOTAL BU'S ACHIEVED
400

STEP 5a: CLADDING: PRIMARY BRACING

CODE	RATING	QUANTITY	TOTAL
VV1	50	4	200
			$x =$

CLADDING ACHIEVED
200

STEP 5b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY
VA1	70	0
VT1	70	0
VF1	125	0
VF2	150	0
VF3	50	0
VF4	70	0

HARDWARE ACHIEVED
0

BOX: C
TOTAL BU'S REQ'D
173
from step 5 or 5a
HARDWARE REQ'D
0
TOTAL BU'S ACHIEVED
200

STEP 5a: CLADDING: PRIMARY BRACING

CODE	RATING	QUANTITY	TOTAL
VV1	50	0	0
			$x =$

CLADDING ACHIEVED
0

STEP 5b: HARDWARE: SECONDARY BRACING

BRACING CODE	RATING	QUANTITY
VA1	70	0
VT1	70	0
VF1	125	0
VF2	150	0
VF3	50	0
VF4	70	0

HARDWARE ACHIEVED
0

BOX: D
TOTAL BU'S REQ'D
0
from step 5 or 5a
HARDWARE REQ'D
0
TOTAL BU'S ACHIEVED
0

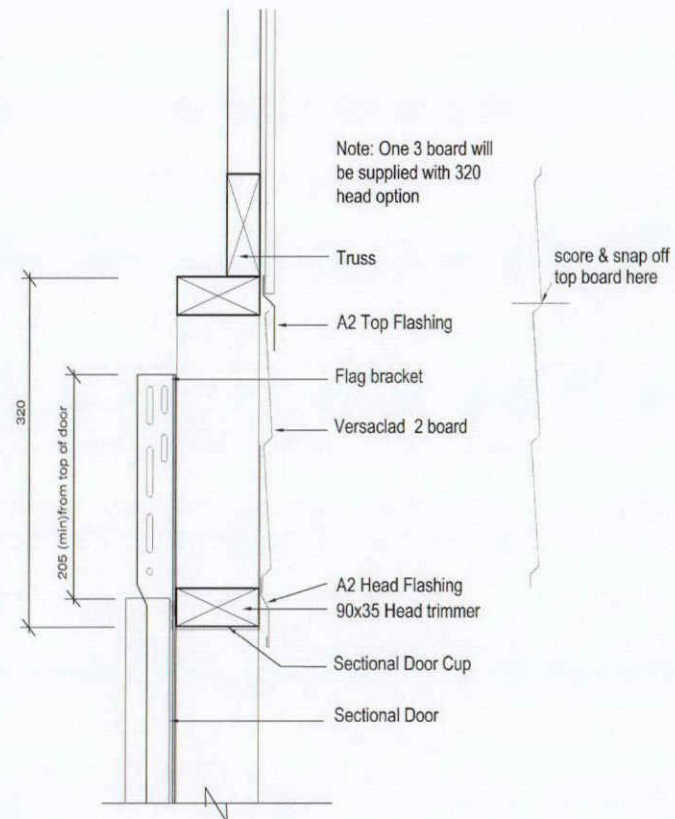
Versatile Buildings 1000 Series Specifications

Customer: Miss. Sara Griffiths

Site Address: 29 Bedford St, 4322, Eltham

Reference: Warren-1

Contact: Warren Johnson, Wanganui, 06 3482471



Sectional Door Head Detail
Standard Auto (320 head)

TITLE: Versaclad Sectional Front Entry