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Property Info

Property Number: 3847

Address: 80 Conway Road Eltham 4322

Assessment Number: 1220046200

Street: Conway Road

Locality: Eltham

Requires Review: undefined

INFORMATION TO ACCOMPANY YOUR BUILDING CONSENT APPLICATION

The Building Act 1991 states that every application for a building consent shall be accompanied by such plans, specifications and other information as required to show compliance with the New Zealand Building Code.

To ensure that adequate information is provided with the application it is suggested that the plans and specifications include:

Site Plan showing the proposed building in relation to other buildings on the site and all boundaries. (Please show existing or proposed vehicle access). This may be included on the site plan.

Drainage Plan showing the position of drains, location of fittings and method of stormwater disposal.

Floor Plan showing the shape of the building, room sizes and the overall layout with the location of doors, windows and fittings.

Elevations showing the view of each side of the proposed building indicating heights, windows, doors, exterior cladding and the general appearance of the building.

Cross Section through the building, showing the foundation and sub-floor details, wall framing and roof construction, insulation, wall and roof cladding.

Details that will show specific parts of construction which require further clarification.

Wall Bracing Calculations showing how the location and type of brace has been worked out to comply with NZS 3604.

Specification describing the construction, the quality of materials and workmanship, sizes and spacings of piles, bearers, joists, studs, rafters, purlins, etc. Specifications should be concise and describe the work for which the consent is being sought.

NOTE: Information required will vary depending on the size and type of your project

The plans and specifications should be submitted in duplicate on good quality paper and drawn in ink to scale. (Pencil drawings are not acceptable).

The drawings, specifications and other documents according to which the building is proposed to be constructed to comply with the provisions of the New Zealand Building Code.

Building certificates issued by a Building Certifier approved by the Building Industry Authority.

References to determinations issued by the Building Industry Authority.

References to accreditation certificates issued by the Building Industry Authority.

Reference to Approved Documents

Producer Statements issued by the producer of a product or system or by a Registered Engineer or Architect.

Note: A producer statement will be accepted when the South Taranaki District Council is convinced that it covers the job applied for and is issued by a reputable person or organisation.

Please indicate the proposed procedures for inspection of building work during the construction period.

Note: A minimum of one working day's notice is required for all inspections carried out by the South Taranaki District Council Building Control Officers.

Request for Inspections and appointments with Building Inspectors can be made at any Council Service Centre.

PLEASE NOTE THAT THIS IS A GUIDE ONLY. PLEASE CONTACT YOUR LOCAL SERVICE CENTRE FOR ANY ADDITIONAL INFORMATION.

Code Compliance Certificate

Section 43(3), Building Act 1991



FILE COPY

Private Bag 902
Hawera

P: 06 278 0555
P: 0800 111 323
F: 06 278 8757
E: contact@stdc.govt.nz
W: www.stdc.co.nz

Applicant

J GAUDIN
80 CONWAY ROAD
ELTHAM




Project

No.	040101
Issue date	15/03/04
Overseer	Keith Scott
Description	Alterations, Repairs or Extensions Being Stage 1 of an intended 1 Stages INSTALL INBUILT LOGFIRE
Intended Life	Specified as 15 years
Intended Use	DOMESTIC HEATING
Estimated Value	\$3,000
Location	80 CONWAY RD, ELTHAM
Legal Description	LOT 1 DP 1212
Valuation No.	1220046200

This is a final Code Compliance Certificate issued in respect of all the building work under the above building consent.

Signed for and on behalf of the Council:

Name: Graham Young
Group Manager Environmental Services



SOUTH TARANAKI DISTRICT COUNCIL



Owner's Name: J Gardin Consent No. BC: 040101

Project Address: 80 Conway Rd ELton

Project: New fire Installation

Contact Person: _____

Phone: _____ Cellphone No.: _____

Date: 12, 3, 06 Time of Inspection: 2:00



PURPOSE OF INSPECTION - CODE COMPLIANCE CERTIFICATE

- | | |
|--|---|
| <input type="checkbox"/> Egress | <input type="checkbox"/> Septic Tank Installation |
| <input type="checkbox"/> Drainage | <input type="checkbox"/> Effluent field/line |
| <input type="checkbox"/> Disabled access | <input type="checkbox"/> Wastes/gully trap |
| <input type="checkbox"/> Flashing Installations | <input checked="" type="checkbox"/> Inbuilt/Freestanding Fire |
| <input type="checkbox"/> External claddings | <input type="checkbox"/> Re-inspection required - refer to report |
| <input type="checkbox"/> Hot water seismic restraint | <input type="checkbox"/> Correct valuing |
| <input type="checkbox"/> Sub Floor | <input type="checkbox"/> Vehicle Crossing |
| <input type="checkbox"/> Finished floor levels above finished ground level | <input type="checkbox"/> Fire code requirements |
| <input type="checkbox"/> General - refer to report | <input type="checkbox"/> Insulation |
| <input type="checkbox"/> As Laid Drainage plan supplied | <input type="checkbox"/> Safety glass |
| <input type="checkbox"/> Compliance Schedule | <input type="checkbox"/> Damage deposit refund |
| | <input type="checkbox"/> Resource consent sign off |

Building Control Officer's Report:

Fire Installation Complies with the
Manufacturers Requirements.

A Code Compliance Certificate will
be issued

Building Control Officer: _____

Date: _____

Building Consent

Section 35, Building Act 1991



FILE COPY



Applicant

J GAUDIN
80 CONWAY ROAD
ELTHAM

Project

Consent No.	040101	Home Phone:
Consent Issue date	4/03/04	Bus Hours Phone:
Application date	25/02/04	Fax No:
Overseer	Keith Scott	
Description	Alterations, Repairs or Extensions Being Stage 1 of an intended 1 Stages INSTALL INBUILT LOGFIRE	
Intended Life	Specified as 15 years	
Intended Use	DOMESTIC HEATING	
Estimated Value	\$3,000	
Location	80 CONWAY RD, ELTHAM	
Legal Description	LOT 1 DP 1212	
Valuation No.	1220046200	

Plumber: TOM FITZGERALD C/-STOKES PLUMBING,GAS & HEATING, P O BOX 26,
STRATFORD

This building consent is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the building code. It is not a consent under the Resource Management Act and does not affect any duty or responsibility under any other Act nor permit any breach of any other Act.

This building consent is issued subject to the conditions specified in the attached page(s) headed Conditions of Building Consent 040101.

Signed for and on behalf of the Council:

Name: _____

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. The approvals required for this project are listed on the Project Information Memorandum.

The owner shall as soon as practical after completion of the building work, notify a Council Service Centre that the work has been completed in accordance with this building consent by completing and returning the attached Notice of Completion form.

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.

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 Consents Department is to be notified at least 24 hours BEFORE any inspection is due.

FIRE APPLIANCE: The firebox, hearth and flue are to be installed in accordance with the manufacturer's specifications.

FIRE APPLIANCE: The person installing the appliance shall notify Council within 48 hours that the appliance has been installed and arrange for a final inspection.

SMOKE DETECTION DEVICES: These are to be fitted at the time of fire installation and completion of building work.

NZ GENERAL: All work is to comply with the New Zealand Building Code.

Project Information Memorandum 040101

Section 31, Building Act 1991

Issued in accordance with Building Consent No. 040101

This project information memorandum is confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991, and any requirements of the building consent attached.

This Project Information Memorandum has been prepared for the purposes of Section 31(2) of the Building Act 1991 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.

Signed by or for and on behalf of the Council:

Name: _____

Date: _____

BUILDING CONSENT PROCESSING SHEET

DATE	ACTIVITY	OFF	HRS	AMT	DATE	INSP REQ	INSP COM	HRS	AMT
25/2	Admin.	J.F.	25	15-50					
4/3	Chf	J.F.							
					SITE				
					FOOTING				
					FLASHINGS				
					FOUNDATION WALLS				
					CONCRETE FLOOR SLAB				
					TIMBER SUBFLOOR				
					CONCRETE BRICKWORK BLOCKWORK				
					PRELINE - INSULATION/ MOISTURE/STRUCTURE				
					BRACING PANEL CHECK PRIOR TO DECORATING				
					PRELINE - PLUMBING PIPEWORK				
					DRAINAGE				
					FIRES FREESTANDING/ INBUILT				
					FIRE CODES				
					COMPLETION BUILDING/ PLUMBING				
					VEHICLE CROSSING CHECK				
					EXTERIOR COATINGS				
					TOTAL SUB TOTALS				
					AMOUNT PAID				
					REFUND/PAY				



FEES (INCLUSIVE OF G.S.T.)

ADMINISTRATION COMPONENT	\$ 50-00
PIM FEE	\$
BRANZ LEVY	\$
DAMAGE DEPOSIT	\$
CODE COMPLIANCE CERTIFICATE	\$ 30-00
RURAL/RESIDENTIAL INSPECTIONS	\$ 30-00
PROCESSING COSTS	\$ 30-00
VEHICLE CROSSING CHECK	\$
COMMERCIAL/INDUSTRIAL INSPEC.	\$
UTILITY CHECK	\$
STRUCTURAL CHECK	\$
PHOTOCOPYING	\$
WATER CONNECTION	\$
SEWER CONNECTION	\$
BIA LEVY	\$
INITIAL CASH RECEIVED	\$ 150-00

RECEIPT NO: R 703176
DATE 25/2/04

RECEIPT NO: R
DATE

RECEIPT NO: R
DATE

RECEIPT NO: R
DATE

INVOICE ☒
LETTER ☒
PIM ☐
CONSENT ☒
CCC ☒
NTR ☐

OWNER: J. Gaudin
SITE ADDRESS: 80 Conway Rd,
BUILDER: Tom Fitzgerald Eltham
DESCRIPTION OF PROPOSED WORK: Install
inbuilt logfire

VALUATION NO: 12200/462/00
VALUE OF WORK \$ 3,000-00
KIWI NO: RAPID NO:

QUALITY CONTROL COMPLETED

CONSENTS OFFICER

APPLICATION NO: BC...040101...

OWNER: J. Gaudin

OFFICER'S NAME

Keith

(BLG) /

COMPLETED (PLNG)

BUILDING:

*Five Installation Details are
required.*

S. G. SMh. M2.

NOT APPROVED *[Signature]*

DATE *27/2/04*

APPROVED *[Signature]*

DATE *4/3/04*

VEHICLE CROSSING:

NEW CROSSING REQUIRED YES/NO FEE PAYABLE \$

TYPE

INSPECTION FEE YES/NO FEE PAYABLE \$

NOT APPROVED

DATE

APPROVED

DATE

BUILDING:

HAZARDOUS SECTION ☐ (Checked against the requirements of Section 31 of the Building Act 1991)

CHECKED AGAINST STDC REGISTER ☐

CHECKED AGAINST TRC REGISTER ☐

Signature

Date

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? YES/NO If yes application/information to be sent with building consent.	

Consents Officer

Date

HERITAGE STATUS CHECK



Officer Initials

27 February 2004

J GAUDIN
c/- Stokes Plumbing
P O Box 26, STRATFORD
Att: Tom Fitzgerald



Dear Sir/Madam

**Re: Your building consent application no. 040101
INSTALL INBUILT LOGFIRE
80 CONWAY RD, ELTHAM**

Your application for a building consent has been checked and the proposal does not comply with the requirements of the New Zealand Building Code in the following respects:

- Flue installation details are required for this installation.

When your plans and/or specifications have been amended to comply with the above requirements, approval of your application will again be considered.

Yours faithfully

Keith Scott

Tax Invoice

Customer Number BC040101



J GAUDIN
80 CONWAY ROAD
ELTHAM

Private Bag 902, Hawera
Phone: 0800-111-323
Fax: 06-278 8757

Tax Invoice GST Reg. No 52-769-477

Issue Date: 4/03/04

FILE COPY

Tax Invoice 71957

Qty	Description	Rate	Amount
	ADMINISTRATION COMPONENT		50.00 *
	CODE COMPLIANCE CERTIFICATE		30.00 *
	RURAL/RESIDENTIAL INSPECTION FEE		40.00 *
	PLAN CHECKING/APPLICATION PROCESSING		30.00 *

(* Incl Gst \$16.66)

TOTAL NOW DUE

\$150.00

PAID

Remittance Notice

Customer Number: BC040101

Invoice Number: 71957

Name: J GAUDIN

South Taranaki
District Council
Private Bag 902, Hawera



LAST DAY FOR PAYMENT

20 FEB 04

TOTAL NOW DUE

0.00



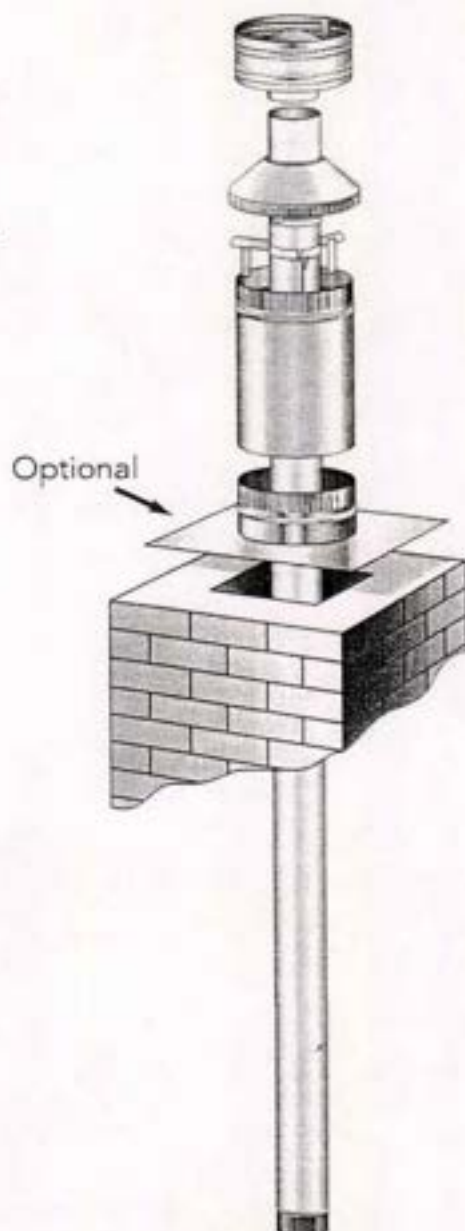
Amount Paid if Different
from Total Due:

\$

PAID

CHIMNEY FLUE KIT INSTALLATION INSTRUCTIONS

This flue kit has been manufactured in accordance with AS/NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. The appliance to which it is connected must be installed in accordance with its manufacturers specifications.



- 1) Ensure the chimney is clean and free of soot. Check the chimney for structural soundness.
- 2) Install heater into fireplace according to manufacturers specifications
- 3) By looking down chimney, check that heater flue outlet is in line with chimney. If not an OFFSET or BENDS will be required.
- 4) Assemble FLUE PIPES together ensuring seams are in line. Joints must be compressed fully and secured with 3 rivets or self-tapping screws.
- 5) Lower assembled FLUE PIPE, crimped end down, into heater flue outlet. On some installations it may be desirable to assemble FLUE PIPE lengths as they are lowered into the chimney.
- 6) Secure CHIMNEY FLASHING PLATE and/or OUTER CASING to chimney with suitable fasteners and weather seal to the chimney top with mortar and/or silicone.
- 7) Check the FLUE PIPE extends above the top of the CHIMNEY FLASHING PLATE or OUTER CASING 145 mm. Add sufficient stainless steel FLUE PIPE or trim OUTER CASING to attain this measurement.
- 8) Fix TOP FLUE SPACER BRACKET to the FLUE PIPE making sure the lugs fit snugly inside the OUTER CASING.
- 9) Fit CASING COVER over FLUE PIPE and push down firmly onto TOP SPACER BRACKET. Secure with a rivet or self-tapping screw.
- 10) Fit COWL but do not secure, as removal for flue cleaning will be necessary.



N.B It is the responsibility of the installer to ensure that the installation of this flue kit complies with AS/NZS 2918:2001, the appliance manufacturers specifications for flues and that relevant Local Body requirements are adhered to.

HEARTH

The masonry hearth for LE 3000 Provincial woodfires should be at least 900mm wide, and LE 7000 Provincial hearths must be at least 1080 wide.

MINIMUM HEARTH EXTENSIONS, measured from the face of the masonry surround:-

AUSTRALIA — 375mm for the LE 3000 Provincial, and 430mm for the LE 7000 Provincial. (Both regardless of hearth height).

NEW ZEALAND — For LE 3000/S and /W Provincials:-

Hearth Elevation	60 or more	50 mm	25 mm	Zero
Min. Hearth extension	300 mm	325 mm	400 mm	450 mm

INSTALLING THE FIREBOX AND FLUE

The flue recommended for use in Australia is a stainless steel chimney kit such as the Shamic #4. In New Zealand, we recommend the use of the Masport Provincial flue kit.

Measure the fireplace recess and remove bricks as necessary to accept the firebox outer case which is 560mm high, 590mm wide and 460mm deep for the LE 3000 models. The LE 7000 case is 603mm high, 630mm wide and 485 deep. Clear away any rubble and inspect and seal the chimney and fireplace as detailed under INSTALLATION REQUIREMENTS.

Remove the polystyrene packing from above the baffle taking care not to damage the baffle.

Check the distance back from the face of the surround to the clear space in the centre of chimney where the flue will run to determine whether the flue will mate with the flue socket in the stove without requiring an offset. If an offset is needed, fix it to the lower end of the assembled flue sections in the chimney and lift the flue assembly up while the firebox case is pushed back into the recess. Adjust the case position so that it is level and its flange is in line with the face of the surround. (If a fascia extending kit is being used, the flange should be 10mm forward from the surround face).

Where seismic restraint is necessary, screw the case to the base of the fireplace recess with at least two 12 gauge screws through the holes in the bottom panel of the firebox outer case.

If space above the case for positioning and fixing the flue is limited, access can be provided by sliding out the top front section of the case (LE 3000 models only). In the case of the LE 7000 model, it will be found easier to fit the flue to the firebox spigot if the top baffle inside the firebox is removed. Removal is described in the MAINTENANCE section under FIREBOX TOP BAFFLE. The flue can then be lowered into position.

Always seal the flue at the firebox spigot using fire cement or fibreglass rope. Fix the flue to the spigot through the hole at the front of the spigot. Re-fit the sliding panel with the insulating blanket on top in New Zealand. Do not forget to replace the baffle and secondary air tube if they have been removed.

Instructions for fixing and weather-proofing the top end of the flue are supplied with the flue kit.

FITTING INTERNAL PARTS

The internal components are identical to the free-standing models. See page 9 – FINAL ASSEMBLY.

FASCIA

All fascias except the LE 7000 are delivered fully assembled and can be simply screwed to the flange of the firebox case. We recommend sealing any gaps between the rear of the fascia and the surround using appropriate insulating material.

To assemble the LE 7000 fascia:-

Lay the fascia components face down on the floor and use the wafer-head screws to assemble the two side panels, the mantel-shelf and the bottom brace. (See illustration on page 13). The wafer-head screws go through the back flanges of the side panels into the flanges of the mantel-shelf and bottom brace. (See illustration). Make sure the assembly is square.

Once this is complete, carefully turn the fascia over and confirm that the spacing between the side panels is correct by offering the ash shelf up to the fascia. The ash shelf hangs on two posts at the lower ends of the side panels. (Feed the mains flex for the fan through the side panel while placing the shelf in position). First engage the right end of the shelf and then the left. If the side panel spacing does not permit easy assembly, slacken the assembly screws and adjust as necessary.



WOOD FIRES

Masport

Masport

Triple Air

Combustion

All Masport wood fires have been built with a unique triple air

combustion system designed to efficiently burn all the fuel put in

the fire. Primary air passes through the air-wash which helps

keep the glass clean. Secondary air is fed through the secondary

air tube situated at the top of the firebox as well as tertiary air from

below the door ensuring a complete combustion.

Clean Air Friendly

Our wood fires have been designed and tested to meet the

strictest clean air requirements and emission standards in New

Zealand. Our 'multiple burn' technology means that as the

wood burns, the combustion gases released are also burned,

creating more heat from less fuel and with less pollution.

Guaranteed for 10 Years



Most Masport cast iron fireboxes are guaranteed for 10 years. We warrant our fireboxes to be free from defects in materials or workmanship under normal use and service. The Horizon is guaranteed for 5 years.

Over 90 Years of

Manufacturing

Excellence

Founded in the early 1900's, Masport has been leading the market in home heating since the early 1970's. Our reputation has been built on producing a high quality product backed by a comprehensive warranty and customer service network.

Superior Cast Iron Fireboxes
The key to an efficient, long lasting fire lies in the design and construction of the firebox. Masport wood fires feature an advanced firebox design with an array of heat dispersing fins that increase the available heating surface of the firebox.



Heat radiates through the cast iron firebox for longer warmth.





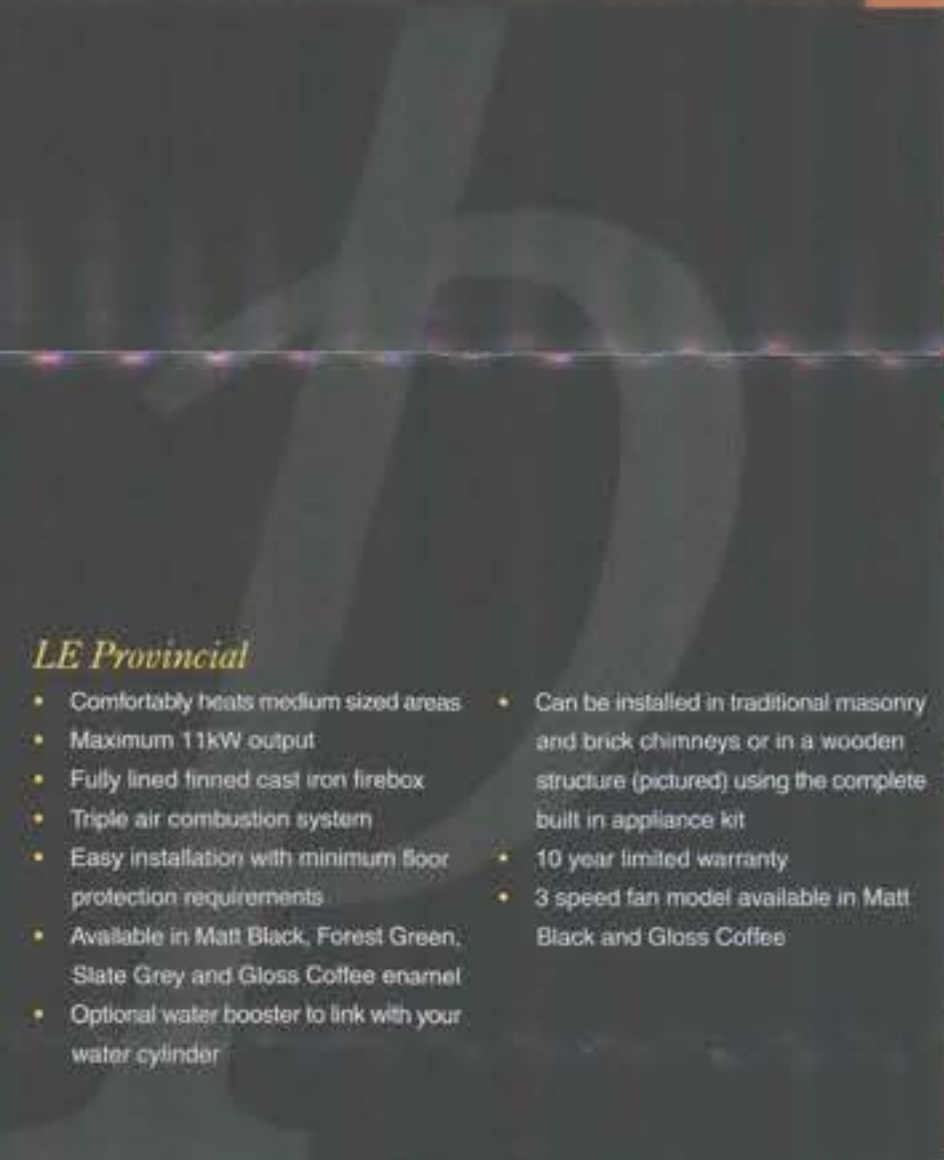
Verona

- European styling with panoramic window design
- Comfortably heats medium to large sized areas
- Maximum 20kW output
- Fully lined flined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available with optional Silver or Gloss Coffee enamel
- Optional water booster to link with your water cylinder
- Width 620mm, Depth 535mm, Height 690mm



Utopia

- Comfortably heats medium to large sized rooms
- Maximum 16kW output
- Burns more efficiently than an open fire, with low emissions and less pollution
- Can be either top or rear flue optional
- Optional traditional Venice door design (pictured) or Plain door design
- Heat food or liquids on top or on optional warming trays
- Optional fire screen
- Optional water booster to link with your water cylinder
- Optional multi-fuel kit available to burn coal
- Width 620mm, Depth 535mm, Height 690mm



LE Provincial

- Comfortably heats medium sized areas
- Maximum 11kW output
- Fully lined flined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black, Forest Green, Slate Grey and Gloss Coffee enamel
- Optional water booster to link with your water cylinder
- Can be installed in traditional masonry and brick chimneys or in a wooden structure (pictured) using the complete built in appliance kit
- 10 year limited warranty
- 3 speed fan model available in Matt Black and Gloss Coffee



The Stirling's Steel Fire Surround shown has been custom-made and is not available from Magma

LE 2000

- Comfortably heats small to medium sized areas
- Maximum 16kW output
- Fully lined flined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black (pictured) or Forest Green vitreous enamel
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- Width 555mm, Depth 440mm (with ashshelf 525mm), Height 615mm

LE 3000

- Comfortably heats medium to large sized areas
- Maximum 19kW output
- Fully lined flined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black (pictured) vitreous enamel or Charcoal Black high temperature paint
- Optional 3 speed fan
- Optional ash shelf to reduce floor protection requirements
- Optional water booster to link with your water cylinder
- Width 660mm, Depth 490mm (with ashshelf 585mm), Height 680mm

LE 5000

- Comfortably heats medium to large sized areas
- Maximum 19kW output
- Fully lined flined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black and Slate Grey vitreous enamel with Silver trim or Midnight Blue vitreous enamel with Gold trim
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- Width 680mm, Depth 490mm (with ashshelf 585mm), Height 680mm



in Matt Black vitreous enamel
 Optional combinations of Black,
 Gold plated grille bars
 3 speed fan
 water booster to link with your
 cylinder
 30mm, Depth 570mm, Height



Pot Belly Stoves

Masport Pittsburgh

- Comfortably heats large sized rooms and open plan areas
- Width 510mm, Depth 580mm, Height 850mm



Masport Fatso

- Comfortably heats large sized rooms and open plan areas
- Two large hot plates for cooking
- Width 560mm, Depth 580mm, Height 675mm



Masport Klondike

- Comfortably heats medium sized rooms
- Width 390mm, Depth 460mm, Height 660mm



Masport Oregon

- Comfortably heats small to medium sized rooms
- Two hot plates for cooking
- Width 460mm, Depth 500mm, Height 565mm



Masport Yukon

- Comfortably heats small sized rooms
- Rear flue outlet
- Ideal for placement in front of existing fireplace
- Width 370mm, Depth 490mm, Height 545mm



Toronto

- Comfortably heats very large rooms and open plan areas
- Maximum 24kW output
- Large arched door showing more of the flames
- Fully lined finned cast iron firebox
- 175mm flue to ensure complete burn
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black vitreous enamel
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- Width 660mm, Depth 545mm (with ashshelf 660mm), Height 825mm

Arcadia

- Comfortably heats smaller sized areas
- Arched cast iron door with decorative grille front
- Maximum 13kW output
- Burns more efficiently than an open fire, with low emissions and less pollution
- Heat food or liquids on top
- Can be either top or rear flue option
- Optional water booster to link with your water cylinder
- Width 525mm, Depth 435mm, Height 610mm

Horizon

- Comfortably heats small to medium sized areas
- Maximum 16kW output
- Steel firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Optional Black steel floor protector available (may differ to the one pictured)
- Available in Charcoal Black high temperature paint
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- 5 year limited warranty
- Width 555mm, Depth 440mm (with ashshelf 525mm), Height 615mm





- New European styling with panoramic window design
- Comfortably heats medium sized rooms
- Maximum 17kW output
- Fully lined lined cast iron firebox
- Triple air combustion system
- Easy installation with minimum floor protection requirements
- Available in Matt Black vitreous enamel with optional combinations of Black, Silver or Gold plated grille bars
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- Width 555mm, Depth 490mm, Height 640mm

Sienna



- Comfortably heats very large rooms and open plan areas
- Panoramic Bay Window design
- Maximum 28kW output
- Fully lined lined cast iron firebox
- Triple air combustion system
- Available in Charcoal Black high temperature paint with stylish Gold and Black louvres
- Optional 3 speed fan
- Optional water booster to link with your water cylinder
- Width 760mm, Depth 620mm, Height 790mm

Grandview

Optional cast iron wood box



and deep lining of the effective heat flow from the improving the heating fire, enabling it to heat effectively.

SPECIFICATIONS

Performance

	LE 2000	Horizon	Sienna	LE 3000	LE 5000	Verona	Toronto	Grandview	LE Provincial	Arcadia	Utopia
Estimated peak output (kW)	16	18	17	16	19	20	24	28	17	13	18
Normal heat output range (kW)	1-14	1-14	1-16	1-14	1-17	1-17	1-21	1-25	1-15	1-12	1-14

* Heat output and burn time with dry, seasoned wood on the log rack, type and moisture content.

Minimum Wood Fire to Wall Distances

		A	B	C	D	E	F
LE 2000/Horizon	With flue heat deflector**	50	300	220	575	50	365
	Without flue heat deflector	300	300	470	375	150	455
Sienna	With flue heat deflector**	100	250	270	525	50	355
	Without flue heat deflector	350	250	530	525	50	535
LE 3000	With flue heat deflector**	50	245	275	575	25	390
	Without flue heat deflector	300	275	525	600	225	580
LE 5000	With flue heat deflector**	50	245	275	575	25	360
	Without flue heat deflector	300	270	525	600	225	580
Toronto	With flue heat deflector**	125	400	320	730	50	425
	Without flue heat deflector	475	400	670	730	300	875
Grandview	With flue heat deflector**	200	350	395	730	50	455
	Without flue heat deflector	440	350	645	730	250	655
Verona	With flue heat deflector**	125	300	345	630	125	480
	Without flue heat deflector	300	315	450	775	350	600
Arcadia	With flue heat deflector**	125	300	345	630	125	480
	Without flue heat deflector	300	315	450	775	350	600
Utopia	With flue heat deflector**	125	300	345	630	125	480
	Without flue heat deflector	300	315	450	775	350	600

* Protected stainless steel Flue Heat Deflector, 1200mm long with 180° wrap-around and top heat dispersal cap.

** Protected stainless steel Flue Heat Deflector, 900mm long with 180° wrap-around and top heat dispersal cap.

***Measured to shaft extremities if fitted.

Minimum Floor Protector Requirement

	A	W	B	C	D	H	I	J	K	L
									Flue Shield	No Flue Shield
LE 2000/Horizon	50	875	735**	300**	160	215	485	555	785	1035
Sienna	100	875	790	300	160	255	530	555	890	1150
LE 3000		835	910**	420**	138	275	540	600		
LE 5000	50	830	790**	300**	138	275	540	600	840	1090
Verona	125	840	960	300	140	345	630	680	885	
Toronto	125	865	940**	300**	153	320	695	680	965	1315
Grandview		965	1255**	820**	103	385	810	760		
Arcadia		975***	855*	345*	225	450	635	525		
Utopia		1065***	1145**	470**	225	500	775	815		

* Increased by 80mm, if the floor protector top is not at least 30mm above the floor.

** Increased by 100mm to comply with AS/NZS 2915:2001 from Nov. 2003.

*** Increased by 100mm if the floor protector top is not at least 30mm above the floor.

Figures relating to W, D and H apply only when the flue heat deflector is fitted and the heater is installed at the minimum allowable wall clearance.

Minimum Hearth Extension for LE Provincial (standard fascia)

(Measured from the face of the masonry surround)

Hearth Elevation	50mm or more	50mm	25mm	Zero
Min. Hearth Extension	300mm	325mm	400mm	450mm

If the optional (fan type) fascia is fitted, the maximum hearth extension is 300mm for any hearth height. All Provincial hearths must be at least 900mm wide.

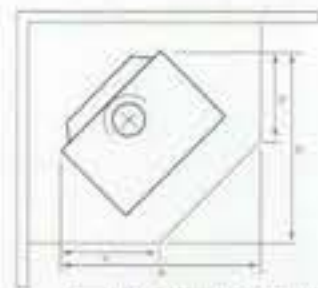
Wood Fire Dimensions

	WIDTH (W)	HEIGHT (H)	DEPTH (D)
LE 2000/Horizon	560	620	520
Sienna	580	640	500
LE 3000	660	660	490
LE 5000	660	680	500
Verona	680	680	570
Toronto	660*	620	545
Grandview	760	790	620
Arcadia	525	810	435
Utopia	620	690	535



Corner Floor Protector Requirement

	X	Y
LE 2000	380	565
Horizon	380	565
Sienna	380	600
LE 5000	380	570
Toronto	1015	540



Masport is always improving its range of products. All specifications are subject to change or variation without notification. For confirmation of Masport product details, please call (09) 571-1200. NOTE: Specifications given on this page are indicative only. Please refer to the installing and operating instructions before installing your Masport Wood Fire. Full installation instructions are supplied with each Masport Wood Fire.

YOUR SPECIALIST MASPORT HEATING RETAILER

MASPORT LIMITED NEW ZEALAND
1-37 Mt Wellington Highway, PO Box 14-349
Panmure, Auckland 1006
Phone: 09 571 1200
Facsimile: 09 571 5854

MASPORT PTY. LTD. AUSTRALIA
PO Box 533, Braeside 3195
Phone: 1300 366 225
Facsimile: 1800 035 594



HALL *
TO
BEDROOM.

SMOKE ALARM.

6 MTRS.

WINDOW.

LOUNGE.

LE PROVINCIAL STANDARD
INSTALL IN FIREPLACE

3.8 MTRS

CHIMNEY
ON OUTSIDE
WALL.

KITCHEN / DINING AREA

NOT TO SCALE.

Application Form

Form 2, Section 33 & 45 of the Building Act 2004

- ☐ Building or Relocation Consent
☐ Project Information Memorandum

South Taranaki District Council
 Private Bag 902, Hawera
 Telephone: 06 278 0555 or 0800 11 1022
 Facsimile: 06 278 8752



1. Property Details

1a. Site Address	80 CONWAY ST, ELTHAM		
1b. Legal Description	LOT 1, DP 1212	1c. Rapid Number	N/A
1d. Building Name	GARAGE		
1e. Location of building within site/block number	80 Conway St, Eltham	1f. Number of levels	1
		1g. Level/unit number	1
		1h. Total floor area	48 m ²
1i. Current, lawfully established use	N/A		
1j. Year first constructed	N/A		

2. Property Owner Details

2a. Name	KJBR Limited								
2b. Contact person	Stuart Rye								
2c. Postal Address	80 Conway St, Eltham								
2d. Street address / registered office	N/A	2e. Contact numbers	<table border="1"> <tr> <td>Phone</td> <td></td> </tr> <tr> <td>Mobile</td> <td></td> </tr> <tr> <td>Fax</td> <td></td> </tr> </table>	Phone		Mobile		Fax	
Phone									
Mobile									
Fax									
2f. Email address									
2g. Evidence of ownership attached (tick as appropriate)	<input type="checkbox"/> Certificate of Title <input type="checkbox"/> Lease	<input type="checkbox"/> Agreement for sale and Purchase <input checked="" type="checkbox"/> Other (please specify) Rates Invoice							



3. Agent Details

3a. Name	Schrader Construction		
3b. Contact person	Joel Schrader		
3c. Postal Address	PO Box 391, Hawera, 4640		
3d. Street address / registered office	329 Waihi Rd, Hawera		
3e. Contact Numbers	Phone 278 7267	Mobile 0274955779	Fax 278 7213
3f. Email	s.taranaki@kiwispan.co.nz		
3g. Relationship to owner	Builder		
3h. First point of contact for communications with the council / building consent authority	/		

4. The Project

4a. Type of work	<input checked="" type="radio"/> New building <input type="radio"/> Plumbing & drainage only <input type="radio"/> Demolition/Removal	<input type="radio"/> Alteration <input type="radio"/> Relocation <input type="radio"/> Re-pile existing building	<input type="radio"/> Log fire <input type="radio"/> Addition
4b. Category of work	<input type="radio"/> Residential <input type="radio"/> Commercial/Industrial/Community	<input checked="" type="radio"/> Accessory Building <input type="radio"/> Replacement or upgrade of septic tank	<input type="radio"/> Farm Building
4c. Detailed description of the Development/Project	8m x 6m Garage		

- 4d. Total floor area affected by building work: 48 m²
- 4e. The completed building will be: ☒ Single storey, single unit building ☐ Multi-storey, or multi-unit building
Number of units: Number of storeys:
- 4f. Intended life of the building ☒ Indefinite but not less than 50 years ☐ Less than 50 years
please specify number of years
- 4g. Estimated value of the building work (including GST) \$ 16,000.00

5. Application

- 5a. I request that you issue a project information memorandum / project information memorandum and building consent / building consent for the building work described in this application.
- 5b. 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.
- 5c. 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.

Joel Schrader 17/4/2010

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

Date

JOEL SCHRADER

Name (print clearly)

(For Council Use)

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

- 6a. 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
 - ☐ New or altered access for vehicles
 - ☐ Disposal of stormwater and wastewater
 - ☐ Other matters known to the applicant that may require authorizations from the Council

please specify:

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

7a. 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 ☒ Elevations
- ☒ Foundation plan ☒ Cross sections and building design details
- ☒ Bracing design and calculations ☒ Specific engineering design
- ☒ Manufacturer's specifications ☐ Plumbing and drainage design
- ☐ Other - please specify

Specifically Engineered Design

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

(Refer to the relevant compliance document(s) or detail of alternative solution in the plans and specifications. If not applicable, write N/A)

Clause Tick relevant building code clauses			Means of Compliance	Clause Tick relevant building code clauses			Means of Compliance
<input type="checkbox"/>	B1	Structure		<input type="checkbox"/>	F8	Signs	
<input type="checkbox"/>	B2	Durability		<input type="checkbox"/>	G1	Personal Hygiene	
<input type="checkbox"/>	C1	Outbreak of fire		<input type="checkbox"/>	G2	Laundry	
<input type="checkbox"/>	C2	Means of escape		<input type="checkbox"/>	G3	Food preparation and prevention of contamination	
<input type="checkbox"/>	C3	Spread of fire		<input type="checkbox"/>	G4	Ventilation	
<input type="checkbox"/>	C4	Structural stability during fire		<input type="checkbox"/>	G5	Interior Environment	
<input type="checkbox"/>	D1	Access routes		<input type="checkbox"/>	G6	Airborne and impact sound	
<input type="checkbox"/>	D2	Mechanical installations for access		<input type="checkbox"/>	G7	Natural Light	
<input type="checkbox"/>	E1	Surface water		<input type="checkbox"/>	G8	Artificial Light	
<input type="checkbox"/>	E2	External moisture		<input type="checkbox"/>	G9	Electricity	
<input type="checkbox"/>	E3	Internal moisture		<input type="checkbox"/>	G10	Pipes services	
<input type="checkbox"/>	F1	Hazardous agents on signs		<input type="checkbox"/>	G11	Gas as an energy source	
<input type="checkbox"/>	F2	Hazardous building materials		<input type="checkbox"/>	G12	Water supplies	
<input type="checkbox"/>	F3	Hazardous substances and processes		<input type="checkbox"/>	G13	Foul water	
<input type="checkbox"/>	F4	Safety from falling		<input type="checkbox"/>	G14	Industrial liquid waste	
<input type="checkbox"/>	F5	Construction and demolition hazards		<input type="checkbox"/>	G15	Solid waste	
<input type="checkbox"/>	F6	Lighting for emergency		<input type="checkbox"/>	H1	Energy efficiency	
<input type="checkbox"/>	F7	Warning systems					

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

Specifically Engineered Design

9. Building Practitioners

9a. Builder (Name & Address)	Schvader Construction		
	Phone 278 1267	Mobile 027 4955779	Reg No.
9b. Plumber (Name & Address)	N/A		
	Phone	Mobile	Reg No.
9c. Drainlayer (Name & Address)	N/A		
	Phone	Mobile	Reg No.

10. COMPLIANCE SCHEDULE APPLICATION FORM - 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 11

☐ The specified systems for the building are indicated below (Please tick)

SS1	Automatic systems for fire suppression (for example sprinkler systems)	SS10	Building maintenance units providing access to exterior and interior walls of buildings
SS2	Automatic or manual emergency warning systems for fire	SS11	Laboratory fume cupboards
SS3	Electromagnetic or automatic doors or windows	SS12	Audio Loops or other assistive listening systems
SS4	Emergency lighting systems	SS13	Smoke control systems
SS5	Escape route pressurisation systems	SS14/1 SS14/2	Emergency Power systems for or Signs relating to a specified system in any of specified systems 1-13
SS6	Riser mains	SS15 SS15/2 SS15/4	Other fire safety systems or features - Final Exits/Mean of escape from fire - Signs for communicating information intended to facilitate evacuation
SS7	Automatic back-flow preventers connected to a potable water supply	CS14	Safety Barriers
SS8	Lifts, escalators, travelators, or other systems for moving people or goods within buildings	CS15	Access and facilities for disabled
SS9	Mechanical ventilation or air conditioning systems	CS16	Fire Hose Reels

11 Attachments

The following documents are attached to this application:

<input checked="" type="checkbox"/>	Plans and specifications
<input type="checkbox"/>	Project Information Memorandum (if applicable)
<input type="checkbox"/>	Certificate attached to Project Information Memorandum (if applicable)
<input checked="" type="checkbox"/>	Evidence of ownership



Building Code Clause(s)

PRODUCER STATEMENT - PS1 - DESIGN

ISSUED BY: **emc2 limited**
(Design Firm)

TO: **KJBR Limited**
(Owner/Developer)

TO BE SUPPLIED TO: **South Taranaki District Council**
(Territorial Authority)

IN RESPECT OF: **8 mWide x 6 mLong x 2.4 mHigh Enclosed Building**
(Description of Building Work) **with Region A7 Terrain Cat 2.5**

AT: **80 Conway Street, Eltham**
(Address)

LOT **1** **DPS** **1212** **SO**

We have been engaged by the owner/developer referred to above to provide

structural design
(Extent of Engagement)

services in respect of the requirements of

Clause(s) **B1**

of the Building Code for

☒ All or

☐ Part only

Refer attached emc2 limited Member Schedule dated 22/04/2010
Refer to KiwiSpan plan sheets & builders schedule (attached).
Loadings are to AS/NZS 1170 in accordance with clauses 1.1 & 2.1 of Verification Method B1/VM1.

The design carried out by us has been prepared in accordance with:

☒ Compliance Documents issued by Department of Building & Housing

verification method B1/VM1

(verification method /acceptable solutions)

or

☐ Alternative solution as per attached schedule

The proposed work covered by this producer statement is described on the drawings titled prepared by **KiwiSpan Limited**
titled **Steel Framed Building** and numbered **SB 03 F1 B2 B3**
B5 B6 R1 S1

together with the specification, and other documents set out in the schedule attached to this statement.

On behalf of this Design Firm, and subject to:

- (i) Site verification of the following design assumptions
- (ii) All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code.

I, **Eric MacLeod**
(Name of Design Professional)

am: ☒ CPEng 165229 #

☐ Reg Arch

BE, MIPENZ, CPEng, INTPE
(Professional Qualifications)

I am a Member of: ☒ IPENZ ☐ NZIA and hold the following qualifications

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

The Design Firm is a member of ACENZ ☐ YES ☒ NO

SIGNED BY **Eric MacLeod**

ON BEHALF OF

emc2 limited
(Design Firm)

Date **22 April 2010**

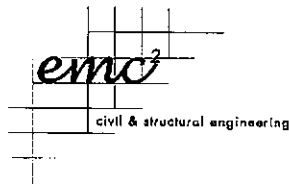
(Signature)

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

This form to accompany Form 2 of the Building (Forms) Regulations 2004 for the application of a Building Consent

PRODUCER STATEMENT PS1

May 2007
KWST 1494

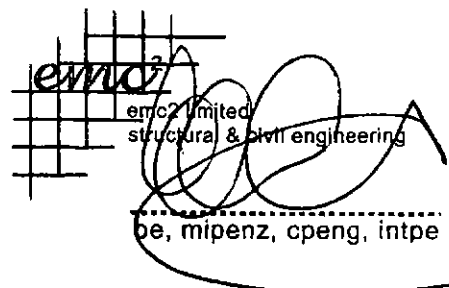


project **KJBR Limited**
description **80 Conway Street, Eltham**
prepared | **em**
ref/dwgs **KiwiSpan South Taranaki**
po box 25 599, st hellers, auckland p 09 575 3094 f 09 575 3095 e eric@emc2ltd.co.nz

Client Code **KWST**
project no. **1494**
date **22/04/2010**
sheet

Member Schedule

Location	Member	@
Building		
Internal Portals (Clear Span)	C200/18 HST	3 metre centres
Knee Brace	none	
Apex Brace	none	
End (Clad) Frame Portals	C150/18 HST	
Eaves Purlins	C150/15 HST	
Purlins	100 x 0.75 tophat lapped	1 metre centres max.
Girts	100 x 0.75 tophat lapped	1.2 metre centres max.
End Wall Mullions	C200/15 HST	1 each end frame
Roller Door Columns End	none	
Roller Door Columns Side	C150/15 HST	
Roof Bracing	25 x 0.75 (G550) strap bracing	2 bays
Side Wall Bracing	25 x 0.75 (G550) strap bracing	2 total braces
End Wall Bracing	25 x 0.75 (G550) strap bracing	2 total no. of wall braces
Internal Portal Footings	0.45 x 0.45 x 0.45 deep	Square
End (Clad) Frame Portal Ftgs	0.3 x 0.3 x 0.4 deep	Square
End Wall Mullion Footings	0.45 x 0.45 x 0.45 deep	Square
End R/D Column Ftgs	none	
Side R/D Column Ftgs	0.3 x 0.3 x 0.35 deep	Square
Slab	100 thick	


emc2 Limited
structural & civil engineering
be, mipenz, cpeng, intpe



South Taranaki
District Council

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

KJBR Limited
C/- Rob MacKinlay
20 Nixon Street
Kensington
Whangarei 0112



Project

Building Consent No	BC100224
Consent Issue Date	24/05/2010
Description	New Garage
Intended Life (Years)	Specified as 30
Estimated Value	\$16000.00
Location	80 Conway Road Eltham 4322
Applicant	Schrader Construction Limited
Legal Description	LOT 1 DP 1212
Valuation No	1220046200

Signed for and on behalf of the Council:

Name: Andre Phillips
Building Control Manager

Date: 02/07/2010



CODE COMPLIANCE CHECKSHEET

Address: <u>30 Conway Rd</u>	Date: <u>2 July 10</u>
<u>E. Hume</u>	Building Consent No: <u>100224</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):

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

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

Y/N

☒

NA

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
If the new/ revised compliance schedule has not been issued, what action has been taken to ensure it will be issued. Outline:	
<div style="position: relative; height: 100%;"> <div style="position: absolute; top: 0; right: 0; font-size: 2em; color: black;">NA</div> </div>	

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 checked="" type="checkbox"/> N

Reason for granting CCC	Form 6 Received
<i>Plans and documents submitted</i>	<input checked="" type="checkbox"/>
Electrical/Gas Certs received	
CCC can be granted	CCC cannot be granted
<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Building Officer:

Signature *[Signature]*

Name *[Signature]*

SOUTH TARANAKI DISTRICT COUNCIL

PURPOSE OF INSPECTION - CODE COMPLIANCE CERTIFICATE

6409

Owner's Name:

Project Address:

Project:

Contact Person:

Phone:

Date:

Consent No. BC:

Cellphone No:

Time of Inspection:



ENTERED

BUILDERS NAME:

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 33078

FIELD INSPECTION NOTES

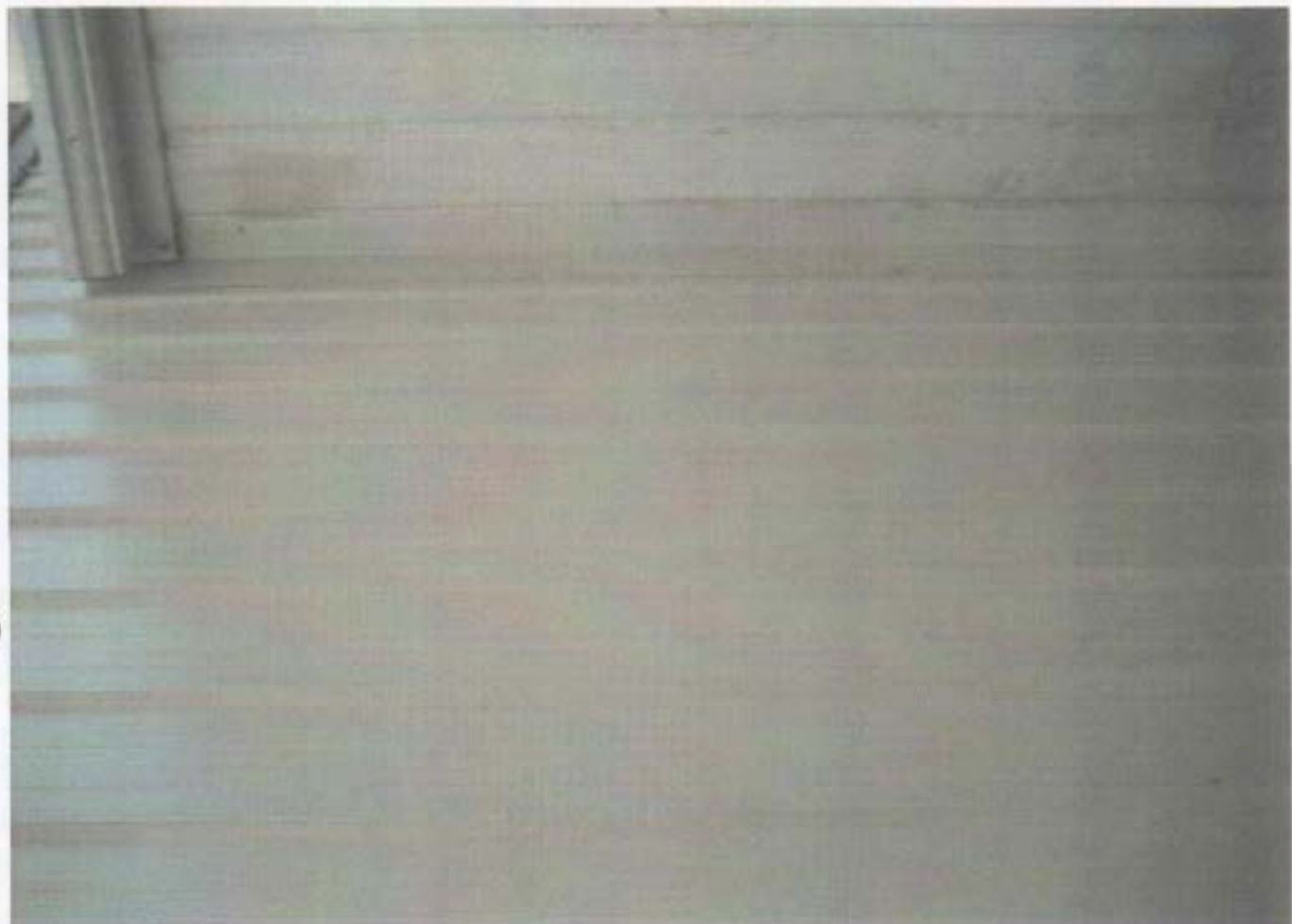
All completed as per consented plans.
 Stormwater to soakhole, All sewer
 lining in place. FINAL IS ADVISED.

BUILDING OFFICER: *[Signature]* DATE: 2/7/10





BC No. 100224



BC No. 100224

SOUTH TARANAKI DISTRICT COUNCIL

Owners Name:

KJB Limited

Consent No. BC:

100224

Project Address:

30 Conway Rd
Ehara

Phone No.:

Cell Phone No.:

Contact Person:

Date and Time of Inspection:

26 May 2010

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

Builder:

Nini Spun

Reg No.:

Site Parameters:

	PASS	FAIL	N/A
Sitting confirmed	<input checked="" type="checkbox"/>		
Footprint layout checked	<input checked="" type="checkbox"/>		

Slab Foundations:

	PASS	FAIL	N/A
Bearing capacity	<input checked="" type="checkbox"/>		
Height pegs placed	<input checked="" type="checkbox"/>		
Foundation depth & width	<input checked="" type="checkbox"/>		
Reinforcing bars - No., size, laps	<input checked="" type="checkbox"/>		
Starter reinforcing - spacing, size	<input checked="" type="checkbox"/>		
Cover to reinforcing	<input checked="" type="checkbox"/>		
Bridging drains (SED)			<input checked="" type="checkbox"/>
Specific design required		YES	<input checked="" type="checkbox"/>

Pile Foundations:

	PASS	FAIL	N/A
Bearing capacity			<input checked="" type="checkbox"/>
Excavation sizes and depths			<input checked="" type="checkbox"/>
450mm crawl space achieved			<input checked="" type="checkbox"/>
Anchor piles			<input checked="" type="checkbox"/>
Braced piles			<input checked="" type="checkbox"/>
Ordinary piles			<input checked="" type="checkbox"/>
Pile foundation (SED)			<input checked="" type="checkbox"/>
Specific design required		YES	<input checked="" type="checkbox"/>

SED = Specific engineering design

Photo taken

YES

NO

Pre Slab:

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

Pre Slab Plumbing:

	PASS	FAIL	N/A
Pipework lagged thru slab			<input checked="" type="checkbox"/>
Pipework water / air tested			<input checked="" type="checkbox"/>
Cleaning access provided			<input checked="" type="checkbox"/>
Gradients of pipework			<input checked="" type="checkbox"/>
Copper piping protected			<input checked="" type="checkbox"/>
Plumbing method used	ANZS 3500	NZBC G13	

General:

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

VISION 33081

Field Inspection Notes:

1/2 perimeter bar, down
and support pads in place.
OK TO PLACE SLAB
Next Time No Plans No Inspection.

Building Control Officer:

R. [Signature]

Date:

26/5/10

6167

BC No. 100224



Htn: Erin

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:	BC100224
Schrader Construction Limited	Home Phone:	
PO Box 391	Business Phone:	06 2787267
Hawera 4640	Mobile Phone:	

Project

Description:	New Garage
Owner:	KJBR Limited
Location:	80 Conway Road Eltham 4322
Legal Description:	LOT 1 DP 1212
Valuation Reference No:	1220046200

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:

- ___ Compliance Schedule Specified Systems and Maintenance Programme
- ___ Building Certificates
- ___ A Code Compliance Certificate issued by a Building Certifier
- ___ Producer Statements

Signed for and on behalf of the Owner:

J.W. Schrader

Name:

Joel Schrader

Contact Phone number: 0274 955 779

FOR OFFICE USE ONLY:

Inspector: *chen*

Booked by: *Erin*

Date: *2/7/10*

Time: *8am*

Confirmed: *yes*

Event updated: *yes*



FILE COPY



Building Consent

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

Application Details

Applicant:	Application No:	BC100224
Schrader Construction Limited	Consent Issue Date:	24/05/2010
PO Box 391	Application Date:	Received
Hawera 4640		

Project Detail

Description of Project:	New Garage
Intended Life (Years):	30
Owner:	KJBR Limited
Estimated Value:	\$16000.00
Location:	80 Conway Road Eltham 4322
Legal Description:	LOT 1 DP 1212
Valuation Reference No:	1220046200

Contractor Details

Builder:	Schrader Construction Limited
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: 24/05/2010

Conditions of Building Consent No: BC100224

COMMENCEMENT OF WORK:

The Owner of 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 (Form 6).

COMMENCEMENT OF WORK:

This Consent shall lapse and be of no effect if the building work has not started within 12 months from date of issue.

COMPLIANCE SCHEDULE

A compliance schedule is not required for this building.

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.

PROPRIETARY FLASHING INSTALLATION:

The owner or person undertaking the building work shall arrange for an inspection before the installation of any exterior joinery to enable a check for the correct placement of proprietary flashing systems in compliance with the manufacturers specifications and Clause E2 of the Compliance Documents for New Zealand Building Code (External Moisture).

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**

Project Information Memorandum

Sections 31 to 39
New Zealand Building Act 2004

Issued in accordance with Building Consent No: BC100224

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.

Signed for and on behalf of the Council:



Building Control Officer: _____

Date: 24/05/2010

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:	BC100224
Schrader Construction Limited	Home Phone:	
PO Box 391	Business Phone:	06 2787267
Hawera 4640	Mobile Phone:	

Project

Description:	New Garage
Owner:	KJBR Limited
Location:	80 Conway Road Eltham 4322
Legal Description:	LOT 1 DP 1212
Valuation Reference No:	1220046200

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:

- ___ Compliance Schedule Specified Systems and Maintenance Programme
- ___ 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: _____

FOR OFFICE USE ONLY:

Inspector:	Booked by:	
Date:	Time:	Confirmed:
Event updated:		

BUILDING CONSENT PROCESSING SHEET

OWNER: **KJBR Ltd**

APPLICATION NO: BC **100224**

SITE ADDRESS:

80 Conway Rd, Eltham

PROPERTY NO: **3847**

BUILDER:

Schrader Construction

REG #:

VALUATION NO: **12200/462100**

PLUMBER:

REG #:

VALUE OF WORK \$ **16,000**

DESCRIPTION OF PROPOSED WORK:

RAPID NO:

New Garage

DATE	ACTIVITY	OFF	HRS	AMT	DATE		INSP REQ	INSP COM	HRS	AMT
28/4	Complete Admin			100-		SITE				
6/5	Plank	HK	1/2			FOOTING				
7/5	PC	HK	1/2			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.)

ADMINISTRATION COMPONENT

\$ **100**

PIM FEE

\$ **27-50**

CODE COMPLIANCE CERTIFICATE

\$ **100**

INSPECTIONS

\$ **220**

PROCESSING COSTS

\$ **110**

FIRE DESIGN REVIEW

\$

STRUCTURAL CHECK

\$

PHOTOCOPYING

\$

RECEIPT NO: R **352674**

DATE **21/8/10**

RECEIPT NO: R

DATE

INVOICE



LETTER



CONSENT



CCC



NTF



QUALITY CONTROL COMPLETED

CONSENTS OFFICER

NOT GRANTED ☐

GRANTED ☒

OFFICER'S NAME

Henry

(BLG) /

Maria

(PLNG)

BC.....100 224

Continue on separate sheet if necessary

NOTES:

BUILDING:

HAZARDOUS SECTION

☐

(Checked against the requirements of Section 31 of the Building Act 1991)

CHECKED AGAINST STDC REGISTER

☐

Compliance schedule

Is compliance schedule required?

If yes application/information to be sent with building consent.

YES

NO

☐☐

HERITAGE STATUS CHECK ☐

NA ☐

Where you can pay:

Eltham LibraryPlus
Hawera Administration Office
Hawera LibraryPlus
Kaponga LibraryPlus

Manaia LibraryPlus
Opunake LibraryPlus
Patea LibraryPlus
Waverley LibraryPlus

KJBR Limited
C/- Robb Mackinlay
PO Box 41
Kerikeri 0245

*changed on tel
to 20 Nixon*

23/2/10

South Taranaki
District Council

Private Bag 902, Hawera 4640
Phone: 0800 111 323
Phone: (06) 278 0555

Rates Tax Invoice - Instalment 3 of 4

Tax Invoice for 03/02/2010

GST Reg No. 52-769-477

Rating Year 01/07/2009 to 30/06/2010

Valuation Number: 1220046200
Property Number: 3847

Property Location:
80 Conway Road

Area: 0.2023

Legal Description:
LOT 1 DP 1212

Land Value: 60,000

Capital Value 124,000

Instalment 3 of 4

Council's bank account for direct
payments into our account is
03 0647 0220100 03.
Please include your property number in
the payee reference field.

	District	Regional	TOTAL
Annual Rates	\$1,640.11	\$71.73	\$1,711.84
Last Years Arrears	\$67.28	\$2.87	\$78.81
Previous Instalments	\$820.11	\$35.73	\$855.84
Remissions	\$0.00	\$0.00	\$0.00
Adjustments	\$0.00	\$0.00	\$0.00
Penalties	\$17.70	\$0.00	\$17.70
Payments received (Up to 02/02/2010)	\$800.75CR	\$34.59CR	\$844.00CR
Current Instalment (Includes \$47.56 GST)	\$410.00	\$18.00	\$428.00
Current Balance	\$514.34	\$22.01	\$536.35
TOTAL AMOUNT DUE			\$536.35

Total to clear account for the year \$964.35

PAYMENT DUE DATE 24/02/2010

A 10% penalty will be incurred if payment is not received by 24/02/2010

Rates Remittance Notice

Please detach and return this portion with your payment

Private Bag 902 Hawera 4640

South Taranaki
District Council

Valuation No 1220046200
Property No 3847
Name KJBR Limited
C/- Robb Mackinlay
RATES0003847000053635

LAST DAY FOR PAYMENT: 24/02/2010
TOTAL DUE NOW: \$536.35



Amount paid if different
from total due: \$



Processing Checklist – Garage

Page 1 of 5

Applicant Name: _____

BC No: _____

Site Address: _____

Date: _____

Notes:

Section 112 Alteration to Existing Buildings

Assessed: ☐

Schedule 1. Exempt Building Work

Assessed: ☐

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	Non-Complying	N/A	
Application checklist completed & attached?	Yes/No			
Building PIM detail				
Is this a sloping site?	Yes/No			
Site Checked	Yes/No			
Floor to finished ground level noted on plan	Yes/No			
Classification of exposure zones	Yes/No			
Building consent detail				
Site plan showing measurements to all boundaries?	Yes/No			
Foundations				
Footing dimensions				Depth: _____ Width: _____
Concrete block foundation details				Block size: _____
Concrete strength specified				Specified mPa: _____

(1) Utilise one of the following:

Tick (✓) This item complies with the NZ Building Code at the date of processing

Cross (✗) This item does not comply with the NZ Building Code at the date of processing

N/A Means this item is not applicable to this project and has not been assessed.

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	Non-Complying	N/A	
Reinforcing: size, type, placement on plans				Size of reinforcing:
Fire wall footing details				
Foundation walls				
Floor heights in relation to finished ground levels				FFL: Above FGL:
Heights & dimensions of foundation walls shown				
Reinforcing: size, type, placement on plans				Details:
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				FFL: Above FGL:
Hardfill detail				Type:
Compacted fill (report required if > 600mm in depth)				
Damp proof membrane details				Type:
Slab Thickening				
Pod details				
Steel mesh details				Size:
Supplementary reinforcing details				
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				Type & Size:
Stud height & spacings				Details:
Lintel sizes & specifications shown on plans				
Engineers beam design & calculations				
Fire rated wall design				
Truss schedule				
Truss fixing details				
Rafter size, spacing & span				
Rafter fixing details				
Ridge board details				
Purlin size, spacing & span				
Purlin fixing details (wind zone)				Type:
Building paper/wrap specified – walls				Type:
Building paper/wrap specified – roof				Type:

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	Non-Complying	N/A	
Roof membrane substrate detail shown on plans				Type:
Roof framing set out suitable for substrate				
Roof cladding specified				Type:
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				Type:
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				
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				Name of Author:

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	Non-Complying	N/A	
Application suspended for further information?	Suspended Date: Suspended Date:		Lifted Date: Lifted Date:	
OK TO GRANT: Signed:.....Dated:.....				

PIM NOTES

OWNER: K.J.B.R. Ltd

APPLICATION NO: BC - 100224 - -

CONTACT PERSON:

VALUATION NO: 12200/462.00

ADDRESS OF WORK:

PROPOSED USE:

80 Conway Rd, Eltham

BUILDER:
Schroder Construction

DESCRIPTION OF WORK:

New Garage

DATE	ACTIVITY	OFFICER	HOURS	RATE	AMOUNT
12/5	Planning	MC	0.15	110	27.50
				TOTAL	
				PAID	
				BALANCE	

PROPERTY INFORMATION MEMORANDUM PROCESSING

	Date Placed in Tray	Date Completed
Planning	28/4/10	12/5
Water and Sewer		
Vehicle Crossing		

- ☒ Compliance Check with District Plan rules
- ☒ PIM Note
- ☒ Compliance Check with Resource Consent number RM granted / /
- ☒ 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 Ukashma

Date 12/5

Officers' Names

Maria / Henry

SOUTH TAVANUI DISTRICT COUNCIL
Planning Approved

SERVICES

WATER MAIN

APPLICATION FORM SENT

SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$ SIZEmm

SEWER MAIN

APPLICATION FORM SENT

SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$ SIZEmm

STORMWATER

APPLICATION FORM SENT

MAIN SIZEmm LOCATION

CONNECTION REQUIRED YES/NO FEE PAYABLE \$ SIZEmm

DISCONNECTION AND RECONNECTION FEES (DEMOLITION & REMOVALS)

WATER

SEWER

SIGNATURE

DATE

OTHER (e.g. HEALTH/STRUCTURAL etc)

LICENCES REQUIRED (Health/Dangerous Goods etc)

SIGNATURE

DATE

Producer Statement Assessment

BC

Instructions:

Beside each place a tick ✓ to verify each item or cross Y/N as rejection, refusal, or unacceptability and N/A if not applicable.

Features/Items to be checked			
Register checked		Author qualifications	
If not registered – Application actioned		Insurance type shown	
Original		Insurance cover provided	
Category shown		Any limitations and/or assumptions shown	
Project specific		Statement signed	
Location identified		Other verifications considered are listed	
Owner identified		Does it reference BC documents?	
Building work described		Supporting information provided	
Standards or codes specified		Has a peer review been conducted?	
Basis of issue stated		Should a peer review be undertaken?	
Author name		Any conflict of interest?	
Author address		Any special inspection requirements	

PS1 ☐

PS2 ☐

PS3 ☐

PS4 ☐

List the supporting information provided:

.....

.....

Engineer required on site when the following inspections are carried out:

.....

.....

Checking Officer:

Signed:

Date:

Tax Invoice/Statement: 8399

GST Reg. No: 52-769-477

Invoice Date: 14 May 2010

Schrader Construction Limited
Po Box 391
Hawera 4640

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: BC100224
Description: New Garage
Owner: KJBR Limited
Location Address: 80 Conway Road Eltham 4322

Charge Description	Charge	GST	Amount
Building Consent Administration Fee	\$88.89	\$11.11	\$100.00
Code of Compliance Certificate Fee	\$88.89	\$11.11	\$100.00
Inspection Fee*	\$195.56	\$24.44	\$220.00
Building Consent Processing/Plan Checking	\$97.78	\$12.22	\$110.00
Planning Assessment	\$24.44	\$3.06	\$27.50
Total	\$495.56	\$61.94	\$557.50

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

**Inspection fee calculated @ \$110.00 x 2 inspections*

Remittance Advice

Please post to:

South Taranaki District Council
Private Bag 902
Hawera 4640

If you wish to pay online details are as follows - 030647-0220100-03
Please quote the Application Number as the reference

Application Number: BC100224
Applicant: Schrader Construction Limited
Amount Due: \$557.50

Categorisation of Building Consent Applications and Allocation for Processing

Address 80 Conway Rd, E Hām BC 100224

CATEGORY		CATEGORY		CATEGORY		
1.1		2.1		3.1		
1.2		2.2		3.2		
Initial triggers						
	Cat 1.1	Cat 1.2	Cat 2.1	Cat 2.2	Cat 3.1	Cat 3.2
Risk (E2)	7	< 13	< 21	< 21	> 20	> 20
Structure Attribute	Outbuildings Ancillary Buildings Sheds	Simple single storey design up to two dwellings side by side only NZS 3604 and 4229, assoc plumbing PS if applicable	Multi storey residential up to 3 storeys Ret. walls Specific design Pool in ground	Residential complex design >3 storeys	> 3 storeys High Weathertight risk residential High level residential care Complex plumbing	Publicly owned buildings Multi storey Waste water plants Bridges
Use	Not intended for human habitation	Residential Dairy sheds	Multiple Residential Specific design Dairy Sheds	Residential Shop fit outs or uncomplicated commercial less than FHC 3 less than 10 people, not open to public, no food handling	Care facility either residential or assembly Commercial SED engineer design	Restrained care Assisted care Unlimited
Crowd activity		SH	SR	SA , WL	CS.,CO, WM	CL, SC, SD, WH Open ended
Other	No plumbing work Heating Units	Decks up to 3.0 metres Plumbing works	Decks over 3.0 metres Alternative solutions	May require assessment for accessibility and compliance schedule	Compliance schedule required Alternative solutions may require Peer review	Historic buildings Bridges SED Mechanical services

Application consists of (circle as applicable)

Acceptable solution	Alt solution	Specific fire design
Plumbing or drainage	Geotech report	Specific eng design
Mech ventilation	Compliance schedule	Other spec design

Building Category Verified	<u>YES/NO</u>	<u>ANORZ</u> (Allocating Officer's Name)
BC Allocated To:	<u>HEINZ</u> Officer's Name)	<u>25-4-2010</u> Date

- Reviewed for accuracy of category

80 Conway Rd, Eltham
LOT 1 DP 1212
0.2023ha

24/5/10

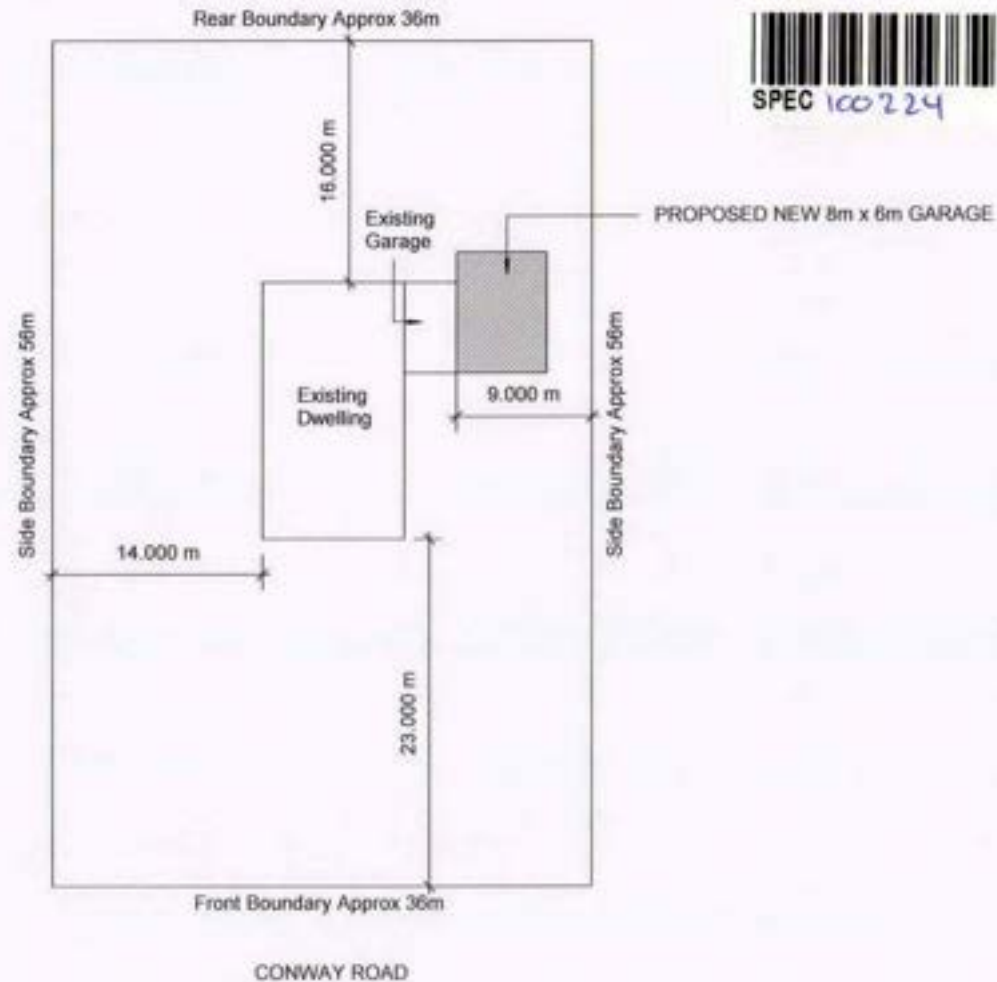


SPEC 100224



NORTH

SITE PLAN
NOT TO SCALE



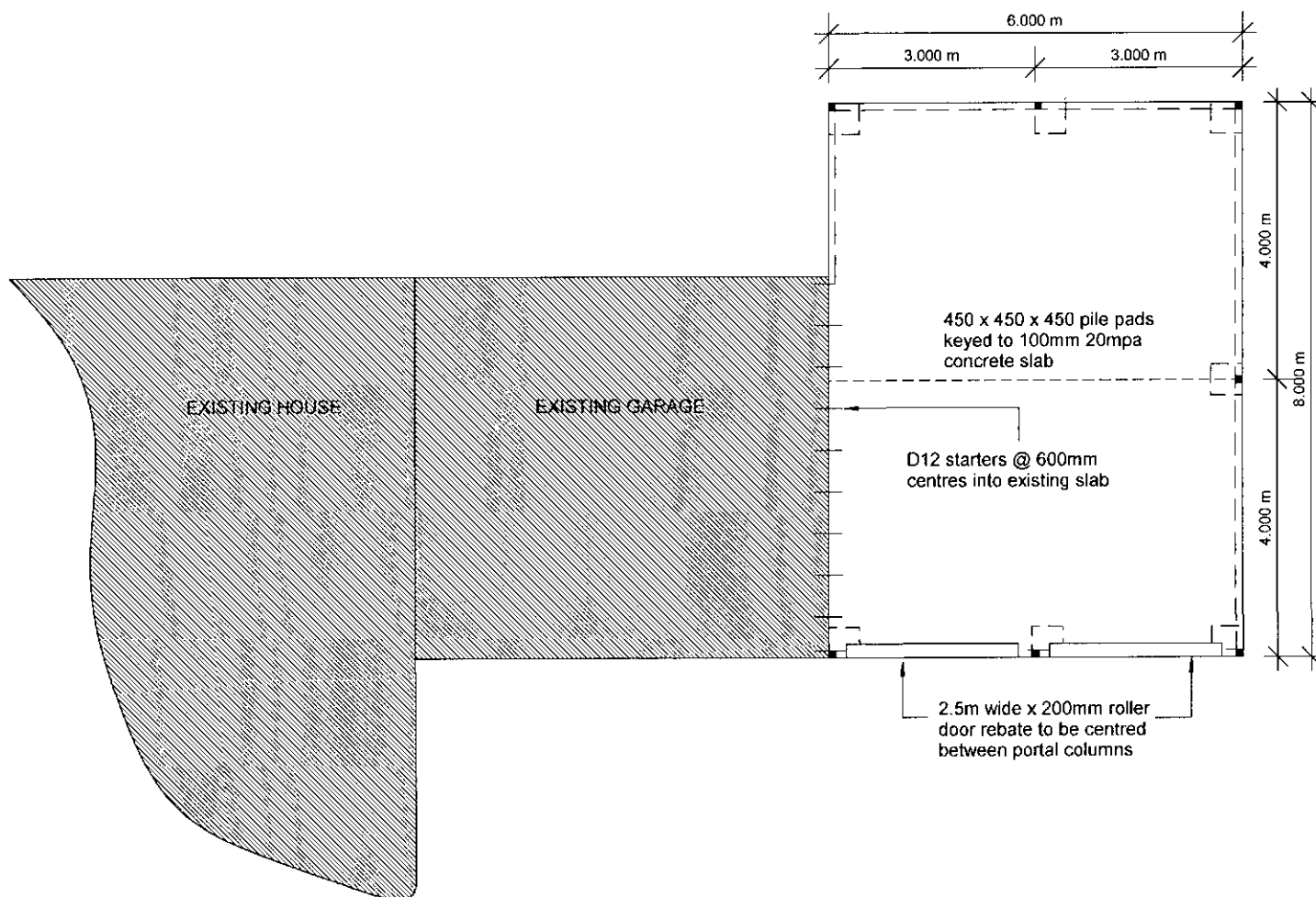
Project: GARAGE
For: KJBR Limited
At: 60 Conway St, Eltham, 4322

Job No: JaNZS14040913572792
Quote No: 325715

Wall colour: Cloud
Roof colour: Karaka

Barge colour: Karaka
Door colour: Karaka

SCHRADER CONSTRUCTION LTD
P O Box 391, Hawera, South Taranaki
Ph 06 278 7267 Fax 06 278 7213
Mob 027 495 5779



FLOOR / FOUNDATION PLAN
Scale 1 : 100

Project: NEW KIWISPAN GARAGE
For: KJBR Limited
At: 80 Conway St, Eltham

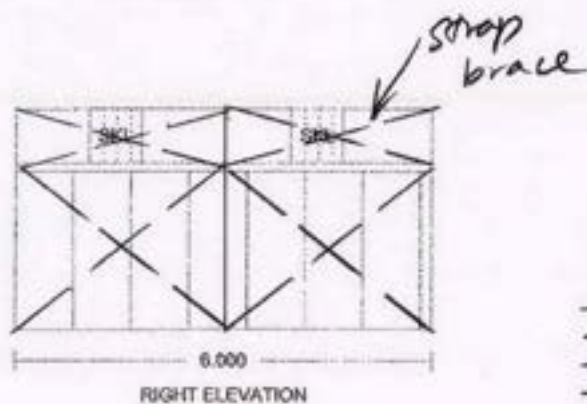
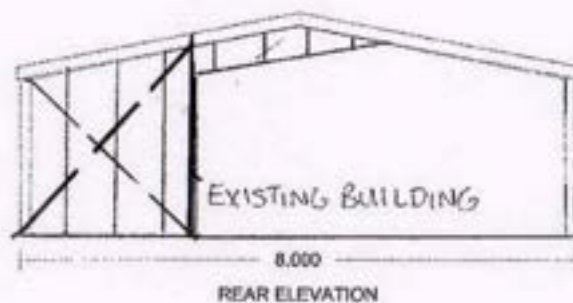
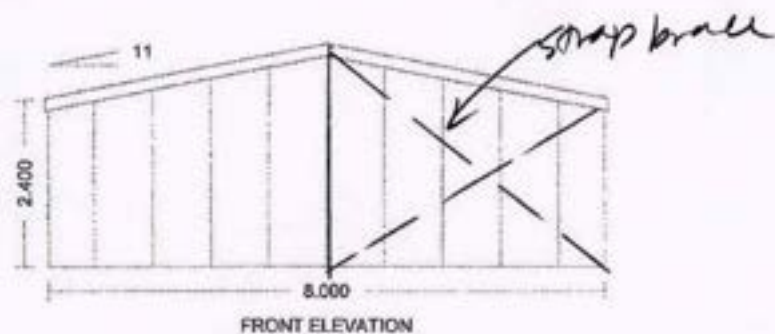
Job No: JaNZS14040913572792
Quote No: 325715

Wall colour: CLOUD
Roof colour: KARAKA

Barge colour: KARAKA
Door colour: KARAKA

SCHRADER CONSTRUCTION LTD
P O Box 391, Hawera, South Taranaki
Ph 06 278 7267 Fax 06 278 7213
Mob 027 495 5779

Saw cut No further apart than 3m.



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Schrader Constuction Ltd
P O Box 391 Hawera

PROPOSED 8.000x6.000x2.400 High Wind

At 80 Conway St Eltham

For Stu Rye

Wall Colour - Cloud

Roof colour - Karaka

Barge Colour - Karaka

Roller Door Colour - Karaka

Ref No stu rye

Quote No QaNZS14041209325715 scale 1:100

All Work To Be In Accordance With Accompanying Engineers Details

Kiwispan - Specification Sheet
Schrader Construction Ltd

Client Details

16/04/2010

Stu Rye
 80 Conway St
 Home: , Work:
 Ref No: stu rye

Council:

8,000x6,000x2,400 High Wind

Wind Rating: High Wind

Length 6,000 Height 2,400

Width 8,000

Site

80 Conway St, Eltham, .

Wall color: Cloud
 Roof color: Karaka
 Barge color: Karaka

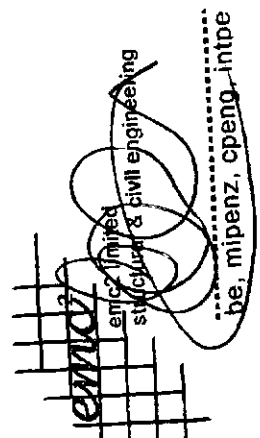
Downpipe color: PVC
 Roller door color: Karaka
 Gutter color: Karaka

No	Description	Length	Qty	Color
+ Barn Window Note				
1	NO JAMBS OR FLASHINGS FOR BARN WINDOW		1	
+ END/WALL MULLION				
2	If R/D in Gable End Check Mullions 10m+Span		2	
+ Paper Coverage				
3	NOTE: PAPER NOT ADDED TO LEAN-TO's		1	
+ Roller Door A3 Sht				
4	Roller Door A3 R101 C150 Over 2.7 Eave		2	
+ Strap Brace A3 Sht				
5	Strap Brace A3 S101 25mm Single Row		12	
+ Strap Brace Note				
6	Length By 30 or 100= Qty S/Bracing Rolls***		1	
+Ridge & Gutter Note				
7	Check Ridge & Gutter Lengths*****		1	
Barge Flashing				
8	B1 Std Barge CB (60/100 T/H) Girth:395	4,4300	4	Karaka
Barge Flashing Fast				
9	10G 16TPI x 16mm Hex Tek, Seal & Paint		112	Karaka
Corner Fasteners				
10	Aluminum Rivets Painted 73 AS 4-4		36	Karaka
Corner Flashing				
11	C1 Corner 50x50 3 Bend CB Girth:198	2,5000	4	Karaka
Door Parts				
12	2.2h x 2.40w (DLO) Roller Door S1 CB	2,4000	2	Karaka
Door Roller Base Cle				
13	C100 Hold Down Bracket		4	
Door Roller BaseFast				
14	12mm Dia x 80 Galv Thru Bolt		4	
15	M12 x 30 Flanged Purlin Bolt & Nut		4	
Door Roller Column				
16	C15015 Punched (14mm Holes)	2,4000	4	
Door Roller Corner F				
17	Aluminum Rivets Painted 73 AS 4-4		32	Karaka
18	C14 R/D Corner S2/S3 CB Girth: 300	2,2000	4	Karaka
Door Roller Freight				
19	Freight S1 Roller Door		2	
Door Roller Head Bra				
20	C150 Universal Bracket		4	
Door Roller Head Fla				
21	H3 R/D Header 20mm Rib CB Girth: 155	2,8500	2	Karaka
Door Roller HeadFast				
22	M12 x 30 Flanged Purlin Bolt & Nut		8	

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No	Description	Length	Qty	Color
23	14G 14TPI x 20mm Hex Framing Screw (Custom)		28	
Door Roller Header				
24	C15012 Unpunched	2.3950	2	
25	100x0.75 Top Hat	2.4950	2	
Door Roller Notes				
26	S1 Roller Doors need C150 Frame & Header		2	
Door Roller Parts				
27	Tracks, Fitting Bag 4 Steel Frame (S1)		2	
Door Roller Top Brac				
28	C100 Universal Bracket		8	
Door Roller Top Fast				
29	M12 x 30 Flanged Purlin Bolt & Nut		16	
30	14G 14TPI x 20mm Hex Framing Screw (Custom)		48	
Door Roller Under FI				
31	H11 R/D Under Head C150 100TH CB Girth:285	2.4950	2	
Door Roller Under He				
32	Aluminum Rivets 73 AS 4-4		16	
Eave Purlin Brackets				
33	Eave Purlin Bracket (100mm Top Hats)		6	
Eave Purlin Fastener				
34	14G 14TPI x 20mm Hex Framing Screw (Custom)		72	
Eaves Girts				
35	C15015 Unpunched	6.0000	2	
End Wall Girt Brkt				
36	100/120mm Angle Bracket		12	
End Wall Girt Brkt F				
37	14G 14TPI x 20mm Hex Framing Screw (Custom)		30	
End Wall Girts				
38	100x0.75 Top Hat	4.0500	8	
End Wall Sheets				
39	Trimklad 0.4 BMT CB (12mm)	2.7100	3	Cloud
40	Trimklad 0.4 BMT CB (12mm)	2.8700	3	Cloud
41	Trimklad 0.4 BMT CB (12mm)	3.0400	3	Cloud
42	Trimklad 0.4 BMT CB (12mm)	3.2000	3	Cloud
43	Trimklad 0.4 BMT CB (12mm)	3.3300	3	Cloud
Fly Brace				
44	F2 Flybrace C150/C200 100mm+ Girt		6	
Fly Brace Fasteners				
45	14G 14TPI x 20mm Hex Framing Screw (Custom)		60	
Gutter				
46	Down Pipe 80mm 3.0m	2.4000	2	
47	Customline Gutter CB	6.0000	2	Karaka
Gutter Bracket Faste				
48	Aluminum Rivets 73 AS 6-6		54	
Gutter Brackets				
49	Customline Gutter Int Bracket		18	
Gutter Clip Fast				
50	Aluminum Rivets 73 AS 6-6		12	
Gutter DownPipe Clip				
51	Down Pipe 80mm Clip		4	
Gutter DownPipe Drop				



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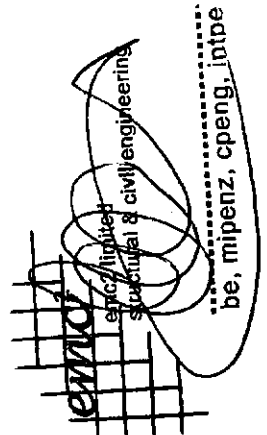
No	Description	Length	Qty	Color
52	Down Pipe Dropper 75mm PVC		2	
Gutter Join Fastener				
53	Aluminum Rivets Painted 73 AS 4-4		72	Karaka
Gutter S/End Fastene				
54	Aluminum Rivets Painted 73 AS 4-4		24	Karaka
Gutter Stop End				
55	Customline Gutter Stop End LH - PVC		2	
56	Customline Gutter Stop End RH - PVC		2	
Mullion Base Bracket				
57	C200 Hold Down Bracket		2	
Mullion BaseFastener				
58	12mm Dia x 80 Galv Thru Bolt		4	
59	M12 x 30 Flanged Purlin Bolt & Nut		4	
Mullion End Wall				
60	C20015 Punched (14mm Holes)	3.0488	2	
Mullion Top Brackets				
61	C200 Universal Bracket		2	
Mullion TopFasteners				
62	M12 x 30 Flanged Purlin Bolt & Nut		4	
63	14G 14TPI x 20mm Hex Framing Screw (Custom)		12	
PS1 Fee				
64	PS1 Fee (Eric Macleod)		1	
Packing Sheet				
65	Packing Sheet 4 Underside of Wall Cladding	2.0000	1	
Portal Apex Brackets				
66	Apex Bracket C150 @ 11deg		1	
67	Apex Bracket C200 @ 11deg		2	
Portal Apex Fastener				
68	M12 x 30 Flanged Purlin Bolt & Nut		24	
Portal Base Cleat Fa				
69	12mm Dia x 80 Galv Thru Bolt		12	
70	M12 x 30 Flanged Purlin Bolt & Nut		12	
Portal Base Cleats				
71	C150 Hold Down Bracket		2	
72	C200 Hold Down Bracket		4	
Portal Columns				
73	C15018 Punched (14mm Holes)	2.4000	2	
74	C20018 Punched (14mm Holes)	2.4000	4	
Portal Haunch Bracke				
75	Haunch Bracket C150 @ 11deg Left		1	
76	Haunch Bracket C150 @ 11deg Right		1	
77	Haunch Bracket C200 @ 11deg Left		2	
78	Haunch Bracket C200 @ 11deg Right		2	
Portal Haunch Fasten				
79	M12 x 30 Flanged Purlin Bolt & Nut		56	
Portal Rafters				
80	C15018 Punched (14mm Holes)	3.7836	2	
81	C20018 Punched (14mm Holes)	3.7217	4	
Ridge Cap				
82	R1 Ridge Cap Flashguard all deg CB	6.2000	1	Karaka
Roof PurlinFastening				



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 by: mipenz, cpeng, inpe

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No	Description	Length	Qty	Color
83	14G 14TPI x 20mm Hex Framing Screw (Custom)		176	
Roof Purlins				
84	100x0.75 Top Hat	6.0000	8	
Roof Sheet Fasteners				
85	12G 14TPI x 45mm Hex Tek, Seal & Paint		365	Karaka
Roof Sheets				
86	Custom Orb 0.4 BMT CB	4.1400	14	Karaka
Side Wall Girts				
87	100x0.75 Top Hat	6.0000	4	
Side Wall Sheets				
88	Trimklad 0.4 BMT CB (12mm)	0.2000	4	Cloud
89	Trimklad 0.4 BMT CB (12mm)	2.4500	13	Cloud
Side/End Wall Girt F				
90	14G 14TPI x 20mm Hex Framing Screw (Custom)		300	
Side/End Wall Sheet				
91	10G 16TPI x 16mm Hex Tek, Seal & Paint		600	Cloud
Silicone				
92	Neutral Cure Silicone		1	
Skylight				
93	Topglass Standard (Custom Orb) (Opal) 2400g	4.1400	2	
Skylight Roof Tek				
94	12G 14TPI x 45mm Hex Tek, Seal & Paint		46	Karaka
Skylight Roof Washer				
95	Dome Washer (for ClearLite Sheets)		46	
Skylight S/L Fast				
96	12g 11TPI x25mmTek, Seal &Paint (C/L SideLap		20	Karaka
Skylight S/L Wash				
97	Dome Washer (for ClearLite Sheets)		20	
Skylight Stop End				
98	Translucent Stop End - Coro - Girth: 88		2	
Strap Brace				
99	Strap Brace 25mm Tensioners		12	
Strap Bracing				
100	Strap Brace 25mm x 30m Roll	30.0000	3	
Strap Bracing Note				
101	\Lenght By 30 or 100= Qty S/Bracing Rolls***		12	
Strap Fasteners				
102	14G 14TPI x 20mm Hex Framing Screw (Custom)		240	
Trimklad Pallet				
103	Pallet for Trimklad		1	



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 Registered Structural & Civil Engineering

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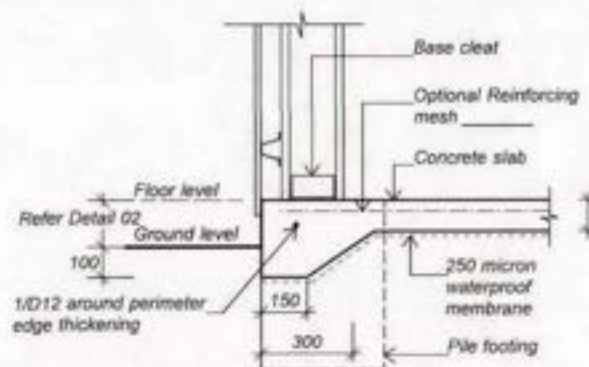
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Table 10 Square Pile Footings

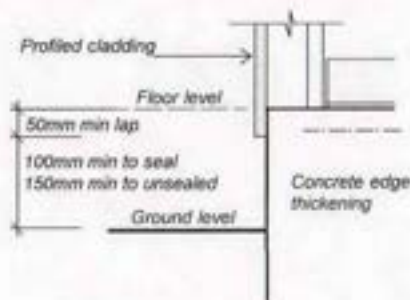
C-Section	Min. Footing Size	
	A	B
C150/12	300sq mm	300 mm
C150/15	300sq mm	350 mm
C150/18	300sq mm	400 mm
C200/12	450sq mm	450 mm
C200/15	450sq mm	450 mm
C200/18	450sq mm	450 mm
C250/13	550sq mm	550 mm
C250/15	550sq mm	550 mm
C250/18	550sq mm	550 mm
C300/15	600sq mm	600 mm
C300/18	600sq mm	600 mm
C350/18	700sq mm	600 mm
C400/20	700sq mm	700 mm
C400/24	700sq mm	700 mm
C400/30	700sq mm	700 mm
2 x C250/13	700sq mm	700 mm
2 x C250/15	700sq mm	700 mm
2 x C250/18	700sq mm	700 mm
2 x C300/15	700sq mm	700 mm
2 x C300/18	700sq mm	700 mm
2 x C350/18	800sq mm	750 mm
2 x C400/20	1000sq mm	1000 mm
2 x C400/24	1000sq mm	1000 mm
2 x C400/30	1000sq mm	1000 mm

Note: For expansive soils, portal column footings shall be a minimum depth below ground level of:-
 - 300mm for slightly expansive
 - 450mm to moderately expansive
 - 600mm for highly expansive

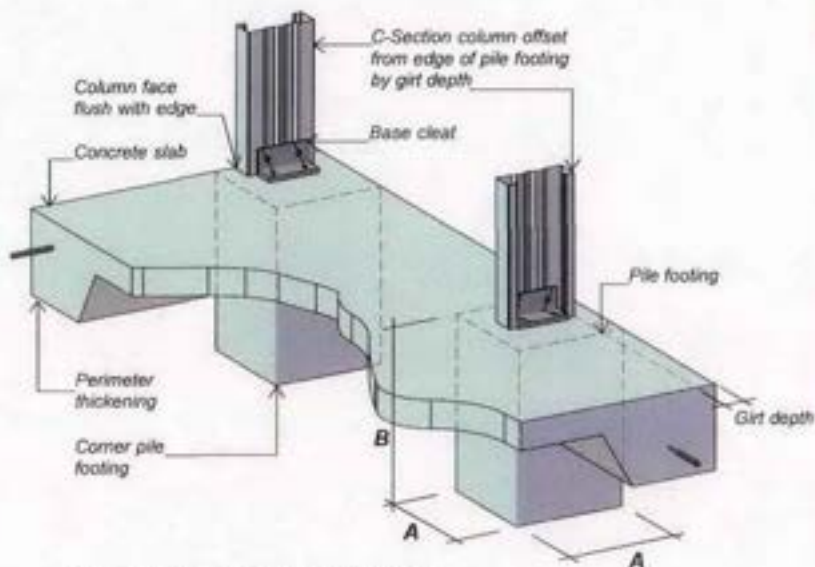
Notes: Concrete work shall be in accordance with NZS 3109:1997 with a min concrete strength of 17.5mpa.
 Floor slab min thickness 100mm.
 Provide saw cuts at a maximum of 6m centres (3/4m for unreinforced slabs). Saw cuts should be 5mm wide x 1/4 slab depth and should be cut no later than the next day.
 Mesh reinforced slabs should use 665 mesh (or equivalent) for 100mm thick, 664 mesh (or equivalent) for 125mm thick, and 663 mesh (or equivalent) for 150mm thick, or use alternative such as fiber reinforcing.
 Foundation soil bearing pressures are assumed to have a minimum allowable bearing pressure of 100kpa.
 If foundation soils are soft an engineer shall be consulted.
 Fill must be compacted in layers of 150mm to a max of 600mm.
 A "free joint" (or use a proprietary dowel joint system) should be provided at a max of 20m centres.
 The concrete must be kept moist (or otherwise cured) for 7 days.
 Buildings may be constructed on slab within 7 days with due care not to over tighten Trubolts.



TYPICAL EDGE THICKENING - Non-loadbearing (Detail 01)



GROUND CLEARANCE (Detail 02)



PILE FOOTINGS WITH FLOOR SLAB

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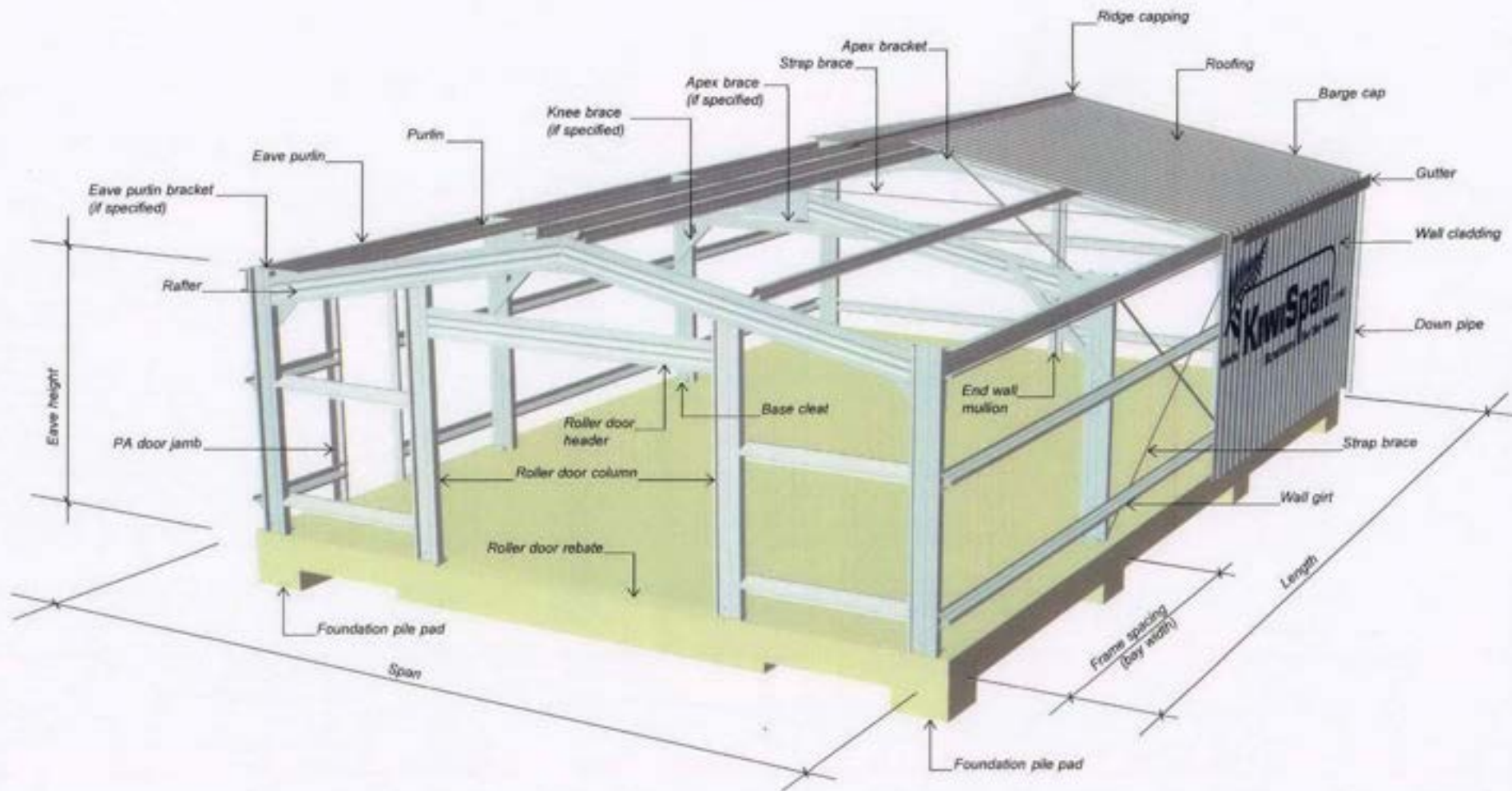
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**FOUNDATION DETAILS -
SQUARE FOOTINGS WITH FLOOR**

drawing no. F1
date
page no.

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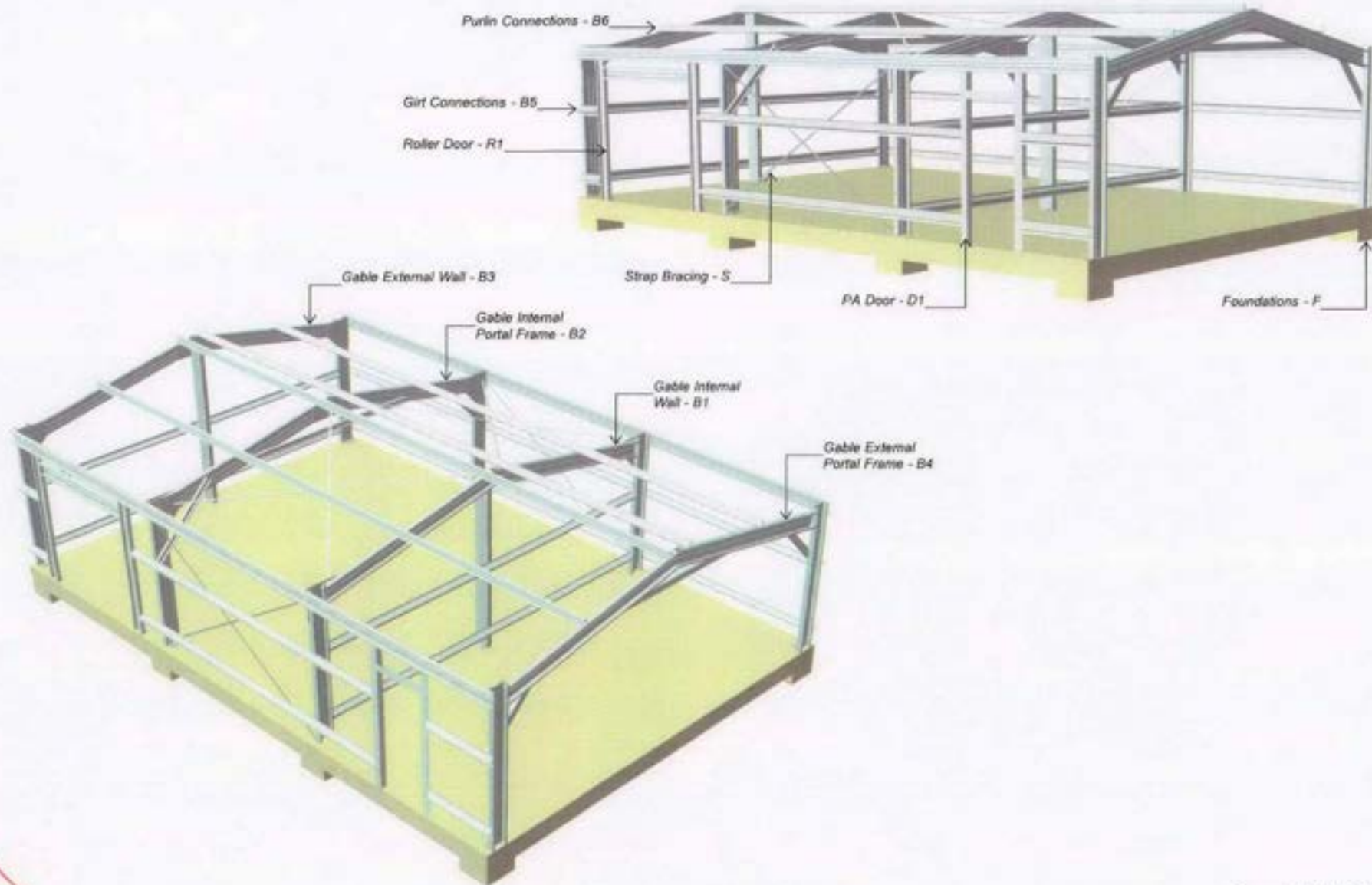
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SB 02
 date:
 page no.

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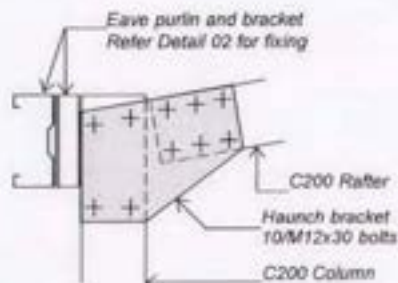
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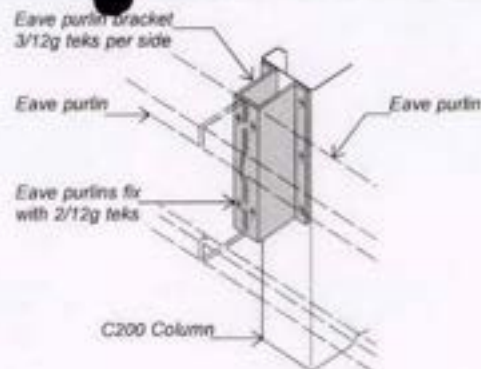
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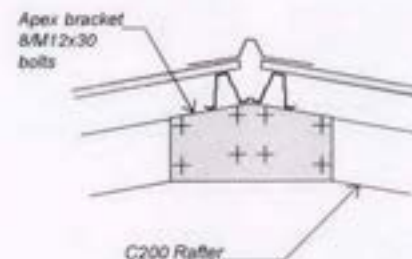
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HAUNCH BRACKET (Detail 01)



EAVE PURLIN CONNECTION (Detail 02)



APEX BRACKET (Detail 03)



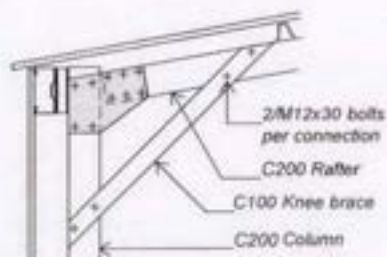
**HAUNCH PLATE
C200
3.0mm Galvabond**



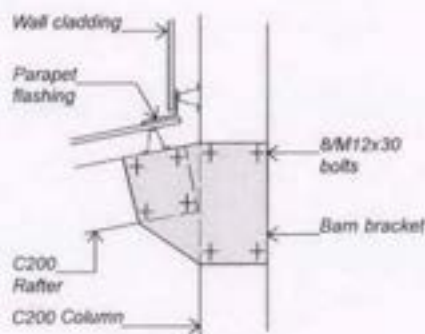
**APEX BRACKET
C200
3.0mm Galvabond**



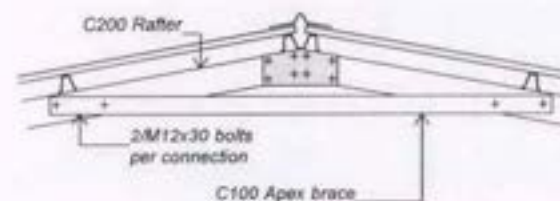
**BARN BRACKET
C200
2.0mm Galvabond**



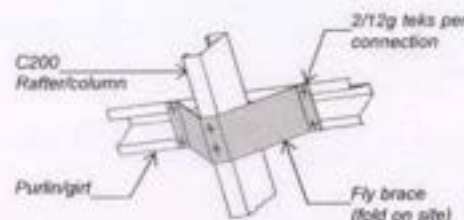
KNEE BRACE (Detail 04)



LEAN TO CONNECTION (Detail 05)



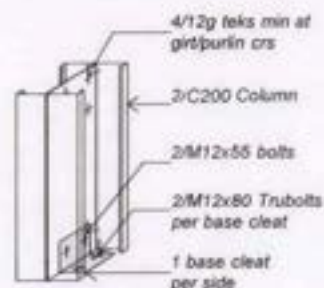
APEX BRACE (Detail 06)



FLY BRACE (Detail 09)



**BASE CLEAT SINGLE
COLUMN (Detail 07)**



**DOUBLE OPEN
COLUMN (Detail 08)**

Member Schedule:	
Column	
Rafter	
Eave Purlin	
Girt	Refer Drawing No. B5
Purlin	Refer Drawing No. B6
Mullion	
Knee Brace	
Apex Brace	

NOTES:
Cold formed C-sections shall comply with AS 4203:1992 & AS/NZS 1252:19996.
This design covers conditions up to very high wind with 100% snow loading.
Structure to be maintained in a stable condition and not to overstress any part during construction.
All dimensions are in millimeters unless otherwise stated.
Tek screws and bolts to be installed as per manufactures instructions. Bolts to be fully tensioned by snug tightening then fully tensioned another 1/3 turn rotation of nut.
Fly bracing fixed to closest girt/purlin from Eave Purlin, then every second row thereafter.
Roof and wall cladding to be fixed as per manufactures instructions.
Engineering responsibility only covers items shown in these drawings.

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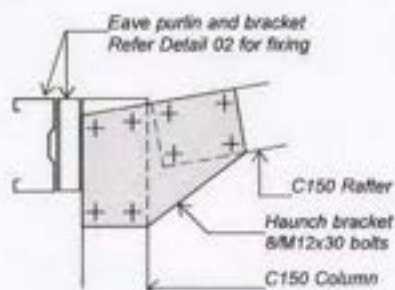
BRACKET CONNECTIONS - C200 GABLE INTERNAL PORTAL FRAME

drawing no.
B2

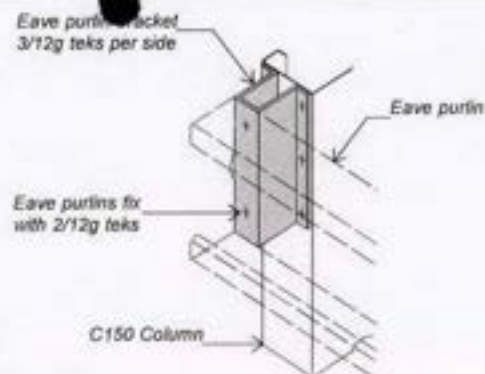
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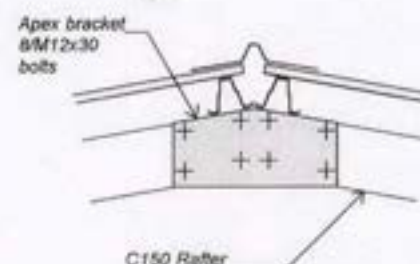
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HAUNCH BRACKET (Detail 01)



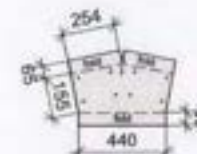
EAVE PURLIN CONNECTION (Detail 02)



APEX BRACKET (Detail 03)



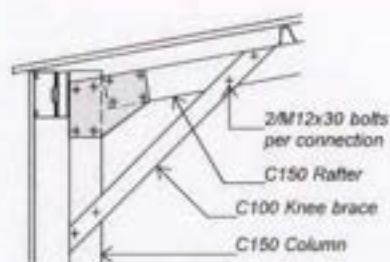
**HAUNCH PLATE
C150
2.0mm Galvabond**



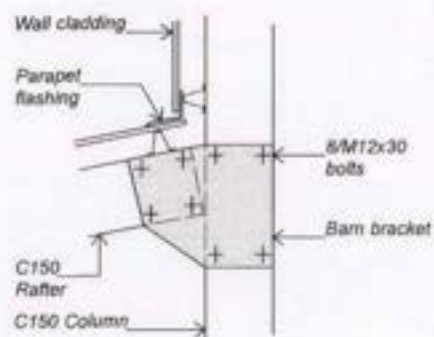
**APEX BRACKET
C150
2.0mm Galvabond**



**BARN BRACKET
C150
2.0mm Galvabond**



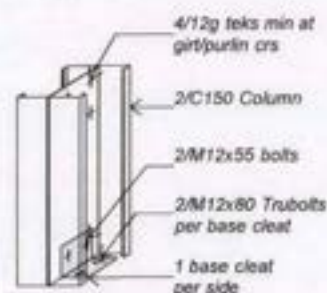
KNEE BRACE (Detail 04)



LEAN TO CONNECTION (Detail 05)



**BASE CLEAT SINGLE
COLUMN (Detail 07)**



**DOUBLE OPEN
COLUMN (Detail 08)**

Member Schedule:

Column	
Rafter	
Eave Purlin	
Girt	Refer Drawing No. B5
Purlin	Refer Drawing No. B6
Mullion	
Knee Brace	
Apex Brace	

NOTES:

Cold formed C-sections shall comply with AS 4203:1992 & AS/NZS 1252:19996.
This design covers conditions up to very high wind with 1kpa snow loading.
Structure to be maintained in a stable condition and not to overstress any part during construction.
All dimensions are in millimeters unless otherwise stated.
Tek screws and bolts to be installed as per manufactures instructions. Bolts to be fully tensioned by snug tightening then fully tensioned another 1/3 turn rotation of nut.
Fly bracing fixed to closest girt/purlin from Eave Purlin, then every second row thereafter.
Roof and wall cladding to be fixed as per manufactures instructions.
Engineering responsibility only covers items shown in these drawings.

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Engineering & Civil Engineering
Inc, Napier, Otago, NZ

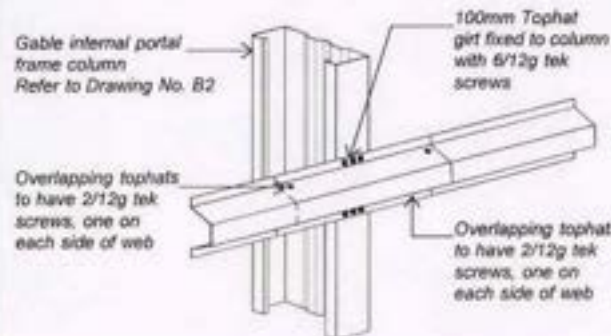
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original size
A3

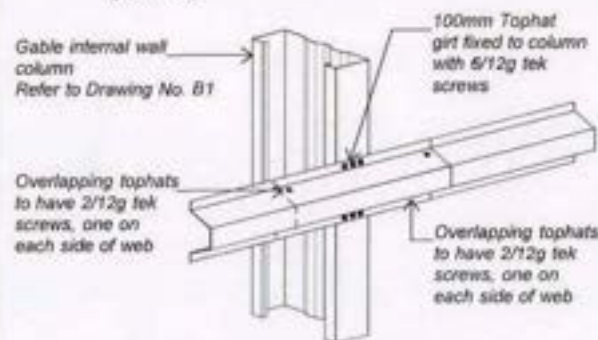
**BRACKET CONNECTIONS - C150
GABLE EXTERNAL PORTAL FRAME**

drawing no.
B4
date:
page no.

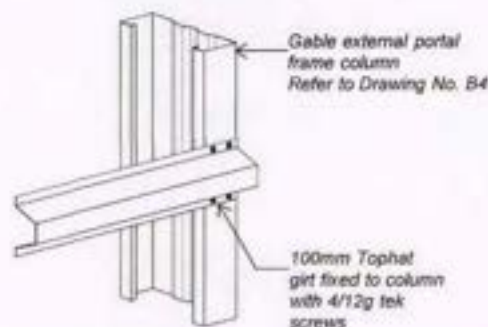
KiwiSpan CO. NZ
Buildings for the future



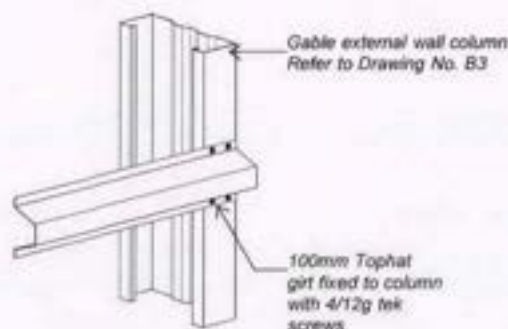
GABLE INTERNAL PORTAL FRAME COLUMN
(Detail 01)



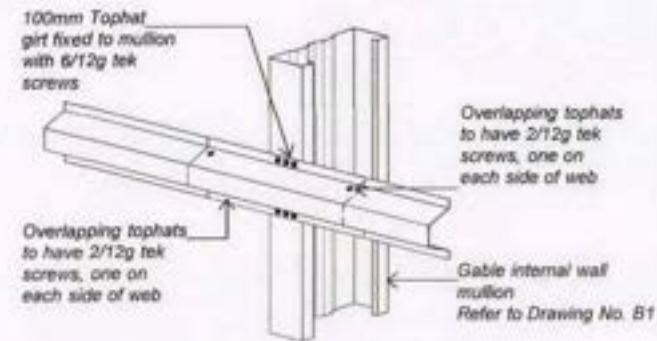
GABLE INTERNAL WALL COLUMN
(Detail 04)



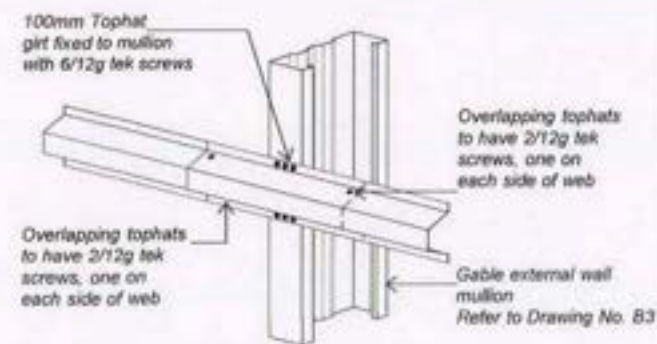
GABLE EXTERNAL PORTAL FRAME COLUMN
(Detail 02)



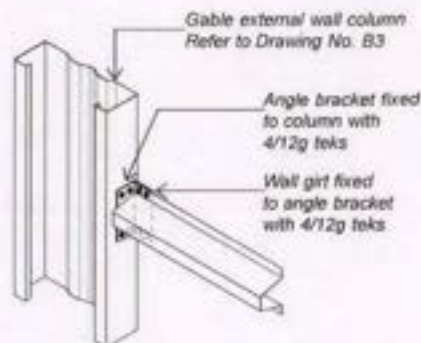
GABLE EXTERNAL WALL COLUMN
(Detail 05)



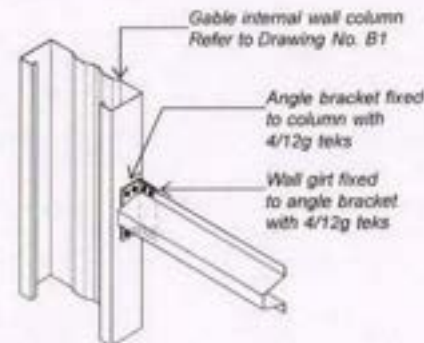
GABLE INTERNAL WALL MULLION (Detail 03)



GABLE EXTERNAL WALL MULLION (Detail 06)

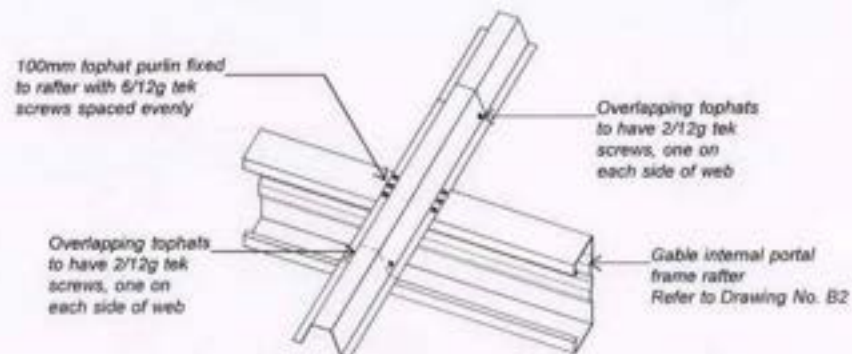


GABLE EXTERNAL WALL COLUMN
(Detail 07)

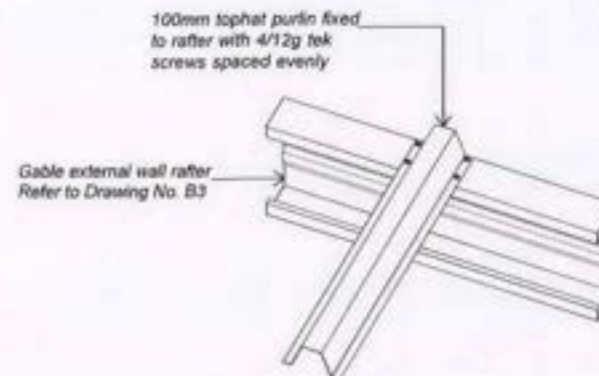


GABLE INTERNAL WALL COLUMN
(Detail 08)

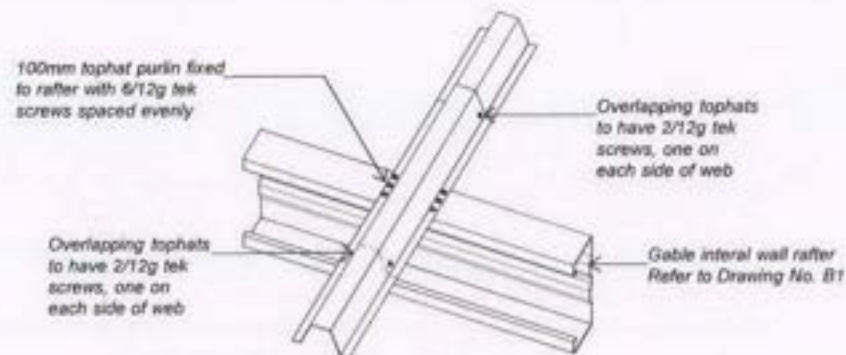
© copyright KIWISPAN N.I. LTD



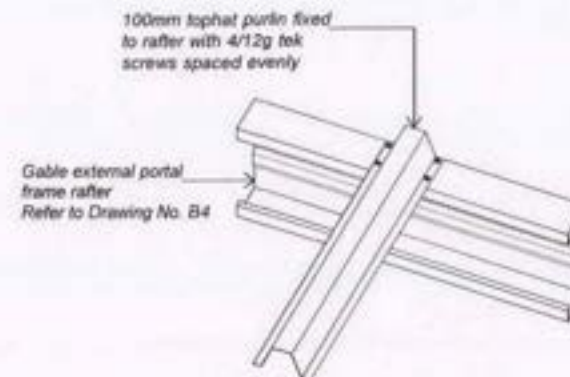
GABLE INTERNAL PORTAL FRAME RAFTER
(Detail 01)



GABLE EXTERNAL WALL RAFTER
(Detail 02)

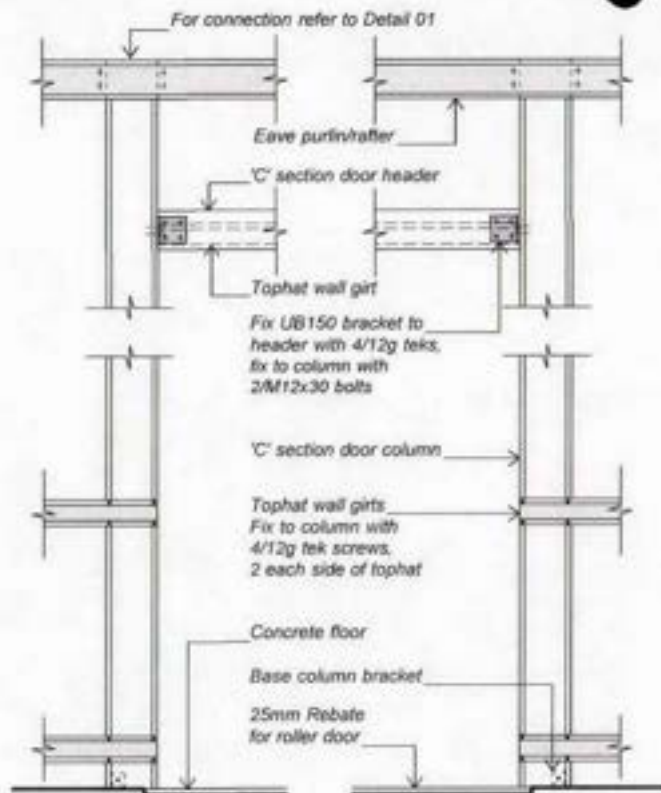


GABLE INTERNAL WALL RAFTER
(Detail 03)

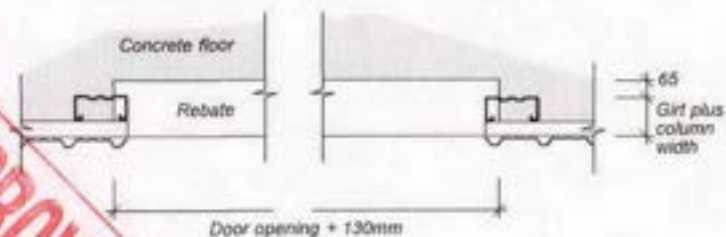


GABLE EXTERNAL PORTAL FRAME RAFTER
(Detail 04)

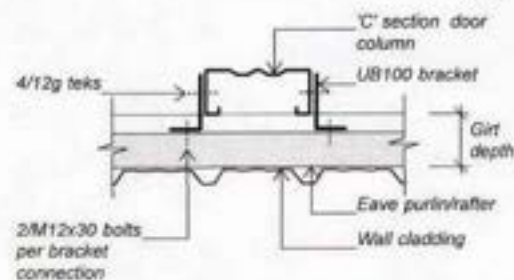
© copyright KIWISPAN N.Z. LTD



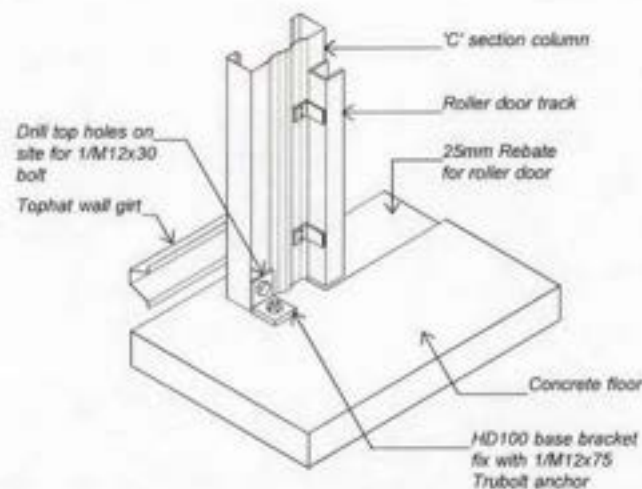
ELEVATION VIEW



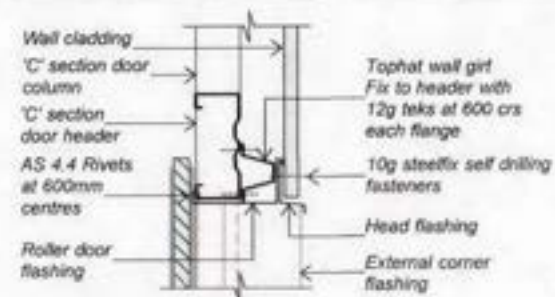
PLAN VIEW



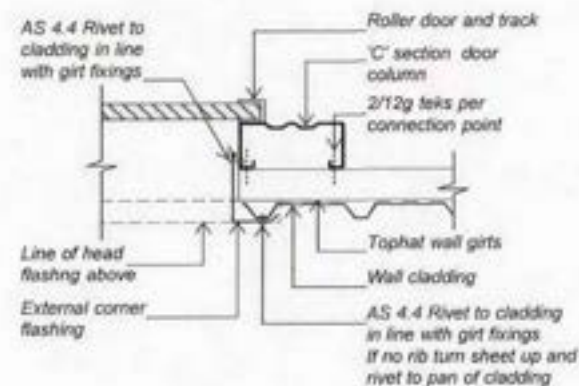
EAVE PURLIN/RAFTER FIXING (Detail 01)



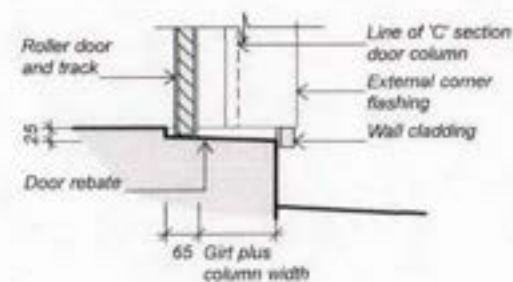
ROLLER DOOR BASE BRACKET (Detail 02)



ROLLER DOOR HEAD (Detail 03)

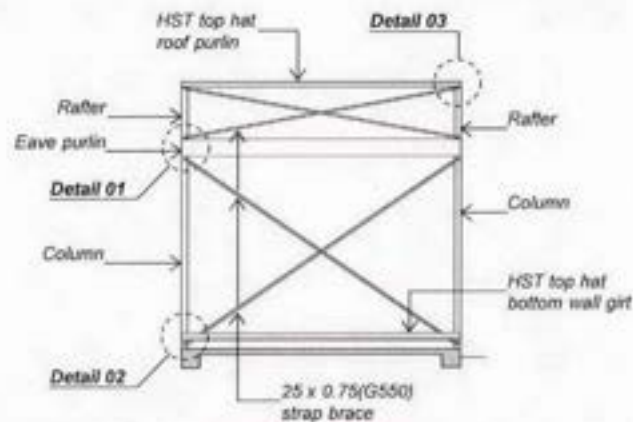


ROLLER DOOR JAMB (Detail 04)

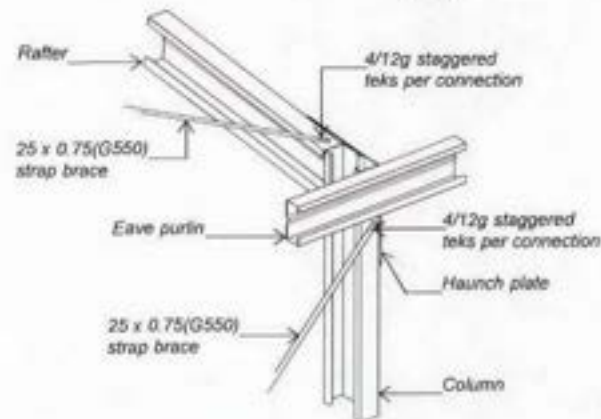


ROLLER DOOR REBATE (Detail 05)

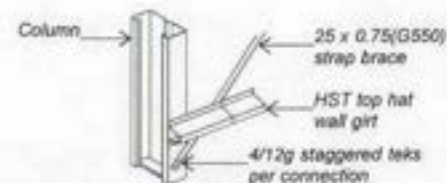
© copyright KIWISPAN N.I. LTD



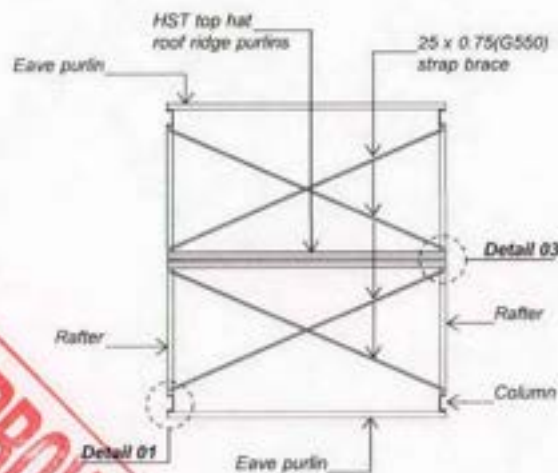
WALL BRACE CONNECTIONS Note: Additional wall girts removed for clarity



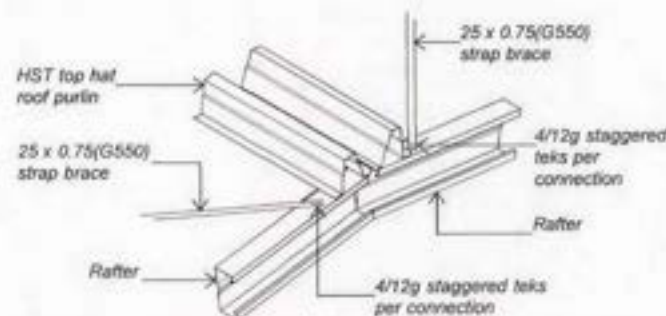
BRACE CONNECTION TO COLUMN AND RAFTER (Detail 01)



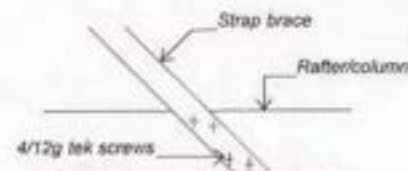
BRACE CONNECTION TO FOOT OF COLUMN (Detail 02)



ROOF BRACE CONNECTIONS Note: Additional roof purlins removed for clarity



BRACE CONNECTION TO RAFTERS AT APEX (Detail 03)



STAGGERED TEK PATTEN (Detail 04)

© copyright KiwiSPAN N.I. LTD

Producer Statement

Structural Products on KiwiSpan Buildings

Structural products supplied by Steel & Tube to Kiwispan Buildings, comprising HST Cee section purlins used as portal legs, rafters and struts, HST Tophat sections used as purlins and girts, folded sections used as mullions, Mezzanine floor sections and strap bracing, are protected from corrosion by hot dip galvanising to the following specification:

Standard A.S. 1397:2001
Class Z275

Fly Bracing straps are protected from corrosion either by the above process, or by a hot dipped Zinc/Aluminium alloy to the following specification

Standard A.S. 1397:2001
Class AZ 150

Signed on behalf of Steel & Tube Roofing Products



Rod Newbold
Commercial Manager

10 October 2007



DURABILITY STATEMENT 23 November 2005

Buildings and structures sold by Kiwi Span buildings, using cold-formed hot dip galvanised steel sections supplied by Steel & Tube Roofing Products as structural elements will meet durability expectations as defined in the attached table.

Specifications

Zinc coating class: Z275
Complying with: AS 1397:1993
Steel grade range: G300-G550
Steel thickness range: 0.55mm – 2.45mm

Scope

Applicable to structures marketed by KiwiSpan buildings, using materials selected, designed, installed and maintained in accordance with manufacturer's recommendations and good trade practice.

Environmental categories are as described in New Zealand Steel: "Environmental Categories" and the attached table.

This Durability Statement assumes that ambient external marine environments will be the dominating influence on durability of the structure.

Limitations and Exclusions

Material to be so stored as to be free of corrosion at time of installation.

Local conditions such as geothermal and industrial influences and aggressive internal environments must be individually and separately evaluated with reference to the appropriate literature. (Refer New Zealand Steel "Specifiers and Builders Guide" September 2003.)

Internal activities known to be injurious to galvanised coatings, such as bulk fertiliser storage and hot dip galvanising activities, are specifically excluded.

Material to be used in accordance with the following publications

New Zealand Steel "Galvsteel™ Product Manual"; "Environmental Categories" September 2003; "Installer Guide" September 2003; "Specifiers and Builders Guide" September 2003, Durability Statement Rev 3 March 03.

Maintenance

Maintenance is necessary when the galvanised coating ceases to provide sacrificial protection to the steel base, or when the appearance is no longer aesthetically appealing.

The breakdown of galvanising is usually indicated by rust staining, or the growth of rust spots. At the first sign of breakdown, the surface should be treated with an appropriate maintenance coating system. Regular inspections must be carried out so that maintenance may be undertaken at the first signs of any problems.

Further references

"HERA: "Protection of Steel from Atmospheric Corrosion"; "Protection Guide for Steelwork Interiors."

BHP New Zealand Steel survey report: "The Performance of Galvanised Components in the Subfloor Environment".

BRANZ: "Durability Opinion BDO 97/4 on BHP Galvanised Steel Floor Joists".

Corrosion Australia, vol. 18 no.3: "Newcastle Earthquake and Wall Cavity Corrosion. Implications for the rest of Australia".

BRANZ: Reprint 145 Atmospheric Corrosion Survey of New Zealand – Six Year Exposure Results

DEFINITIONS APPLYING TO THE FOLLOWING TABLE

Residential

Buildings designed for residential habitation including effective thermal break between external cladding and structure.

Enclosed

Buildings such as storage sheds, garages and workshops that are typically closed-in when not in use.

Open Fronted

Open front lean-to or gable structure closed in on three sides.

Awning

Open sided structures such as carports, or structures closed in on one side only.

Durability of Steel & Tube Cold Formed Sections used in KiwiSpan buildings

Category	Characterised By	Typically	Durability				
			Building Type (Refer Definitions)				
			Residential	Enclosed		Open Front	Awning
				Lined	Unlined		
Very Severe Marine	Heavy salt deposits. Almost constant smell of salt spray in the air	Within 50 metres from breaking surf on East coast, and 100 metres from breaking surf on West Coast					
		Within 50 – 100 metres from breaking surf on East coast, 100-200 metres from breaking surf on West Coast	15 years	15 years	10 years		
Severe Marine	Light Salt deposits. Frequent smell of salt in the air.	Commencing from Very Severe zone up to 500 metres or more inland from breaking surf. In the immediate vicinity of calm salt water such as harbour foreshores.	50 years	50 years	15 years	10 years	10 years
Moderate Marine	Little or no salt deposits. Occasional smell of salt in the air.	500 metres to 1km from breaking surf. In the immediate vicinity of calm salt water such as estuaries.	50 years	50 years	15 years	15 years	15 years
Moderate Inland	No obvious marine influences	More than 1000 metres from salt water	50 years	50 years	50 years	15 years	15 years

Rod Newbold
Commercial Manager

Application Form

Form 2, Section 33 & 45 of the Building Act 2004

- ☒ Building or Relocation Consent
☐ Project Information Memorandum

RECEIVED

17 MAY 2013

South Taranaki District Council

Private Bag 902, Hawera

Telephone: 06 278 0555 or 0800 111 323

Facsimile: 06 278 8757



1. Property Details

1a. Site Address	80 Conway Road ELTHAM		
1b. Legal Description	Lot 1 DP1212	1c. Rapid Number	
1d. Building Name			
1e. Location of building within site/block number		1f. Number of levels	
		1g. Level/unit number	
		1h. Total floor area	m ²
1i. Current, lawfully established use			
1j. Year first constructed			

2. Property Owner Details

2a. Name	KJBR Ltd		
2b. Contact person	Stuart Rye		
2c. Postal Address	4- Rob McKinlay P.O. Box 106155 Auckland 1143		
2d. Street address / registered office		2e. Contact numbers	Daytime Ph After Hours Mobile 027 872 8152 Fax
2f. Email address			
2g. Evidence of ownership attached (tick as appropriate)	<input type="radio"/> Certificate of Title <input type="radio"/> Lease	<input type="radio"/> Agreement for sale and Purchase <input checked="" type="radio"/> Other (please specify) Rotes	

3. Agent Details (only required if application is being made on behalf of the owner)

3a. Name	Houghton's Plumbing Heating & Gas Ltd 16 / 5 / 17		
3b. Contact person	Steve		
3c. Postal Address	PO BOX 696, Hawera 4640		
3d. Street address / registered office	164 Princes Street, Hawera		
3e. Contact Numbers	Daytime Ph 278 8888	Mobile	After Hours Fax 2783048
3f. Email address			
3g. Website			
3h. Relationship to owner	Agent + installers		
3i. First point of contact for communications	Agent		

4. The Project

4a. Type of work	<input type="radio"/> New building <input type="radio"/> Plumbing & drainage only <input type="radio"/> Demolition/Removal	<input type="radio"/> Alteration <input type="radio"/> Relocation <input type="radio"/> Re-pile existing building	<input checked="" type="radio"/> Log fire <input type="radio"/> Addition
4b. Category of work	<input checked="" type="radio"/> Residential <input type="radio"/> Commercial/Industrial/ Community	<input type="radio"/> Accessory Building <input type="radio"/> Replacement or upgrade of septic tank	<input type="radio"/> Farm Building
4c. Detailed description of the Development/ Project	Woodman Coaster Multifuel Fire Free Standing		

4d. Will the building work result in a change of use of the building? ☐ Yes ☒ No If Yes, provide details of the new use:

4e. List building consents previously issued for this project (if any):

4f. Total floor area affected by building work: m²

4g. The completed building will be: ☐ Single storey, single unit building ☐ Multi-storey, or multi-unit building
Number of units: Number of storeys:

4h. Intended life of the building ☐ Indefinite but not less than 50 years ☐ Less than 50 years
please specify number of years

4i. Estimated value of the building work (including GST) \$ 5300.00

5. Application

5a. I request that you issue a project information memorandum / project information memorandum and building consent / building consent for the building work described in this application.

5b. 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.

5c. I confirm that I have read and understood the Privacy Statement and that the information provided on the Application Form is true and correct. All contact details must be in New Zealand.

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 organisations. 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.

S. BATCHELOR

16/5/13

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

Date

STEVEN BATCHELOR

Name (print clearly)

(For Council Use)

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

- 6a. 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
 - ☐ New or altered access for vehicles
 - ☐ Disposal of stormwater and wastewater
 - ☐ Building work over any existing drains or sewers or in close proximity to wells or water mains
 - ☐ Other matters known to the applicant that may require authorisations from the Council

please specify:

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

7a. 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
- ☐ Other - please specify
- ☐ Elevations
- ☐ Cross sections and building design details
- ☐ Specific engineering design
- ☐ Plumbing and drainage design

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

(Refer to the relevant compliance document(s) or detail of alternative solution in the plans and specifications. If not applicable, write N/A)

Clause	Tick relevant building code clauses	Means of Compliance (circle relevant means of compliance)	OR	Alternative Solutions
<input type="radio"/> B1	Structure	B1/AS2 NZS 4229	NZS 3604	NZS 4203
<input checked="" type="radio"/> B2	Durability	B2/AS1 NZS 3604	NZS 3101	NZS 3602
<input checked="" type="radio"/> C1	Outbreak of fire	C1/AS1 NZS 3604		
<input type="radio"/> C2	Means of escape	C2/AS1		
<input type="radio"/> C3	Spread of fire	C3/AS1		
<input type="radio"/> C4	Structural stability during fire	C4/AS1		
<input type="radio"/> D1	Access routes	D1/AS1	NZS 4121	
<input type="radio"/> D2	Mechanical installations for access	D2/AS1	NZS 4322	EN/8
<input type="radio"/> E1	Surface water	E1/AS1	AS/NZS 3500.3	
<input type="radio"/> E2	External moisture	E2/AS1	Specific Design	
<input type="radio"/> E3	Internal moisture	E3/AS1		
<input type="radio"/> F1	Hazardous agents on signs	F1/AS1		
<input type="radio"/> F2	Hazardous building materials	F2/AS1	NZS 4233	
<input type="radio"/> F3	Hazardous substances and processes	F3/AS1		
<input type="radio"/> F4	Safety from falling	F4/AS1	Fencing of Swimming Pools Act	
<input type="radio"/> F5	Construction and demolition hazards	F2/AS1		
<input type="radio"/> F6	Lighting for emergency	F6/AS1		
<input checked="" type="radio"/> F7	Warning systems	F7/AS1 AS/NZS 1668	NZS 4512	NZS 4515
<input type="radio"/> F8	Signs	F8/AS1		
<input type="radio"/> G1	Personal Hygiene	G1/AS1		
<input type="radio"/> G2	Laundering	G2/AS1		N/A
<input type="radio"/> G3	Food preparation and prevention of contamination	G3/AS1		
<input type="radio"/> G4	Ventilation	G4/AS1 AS 1668.2		
<input type="radio"/> G5	Interior Environment	G5/AS1		
<input type="radio"/> G6	Airborne and impact sound	G6/AS1		
<input type="radio"/> G7	Natural Light	G7/AS1		
<input type="radio"/> G8	Artificial Light	G8/AS1	NZS 6703	
<input type="radio"/> G9	Electricity	G9/AS1		
<input type="radio"/> G10	Pipes services	G10/AS1	NZS 5261	
<input type="radio"/> G11	Gas as an energy source	G11/AS1		
<input type="radio"/> G12	Water supplies	G12/AS1	AS/NZS 3500.2	AS/NZS 3500.5
<input type="radio"/> G13	Foul water	G13/AS1 AS/NZS 3500.2	AS/NZS 1547	
<input type="radio"/> G14	Industrial liquid waste	G14/AS1		
<input type="radio"/> G15	Solid waste	G15/AS1		
<input type="radio"/> H1	Energy efficiency	H1/AS1 NZS 4214	NZS 4218	NZS 4243

Waiver/Modification to Building Code (state nature of waiver or modification)

9. RESTRICTED BUILDING WORK / NON - RESTRICTED BUILDING WORK

Will the building work include any restricted building work? () Yes (X) No

If Yes, provide the following details of all Licensed Building Practitioners who will be involved in carrying out or supervising the restricted building work: (If these details are unknown at the time of the application, they must be supplied BEFORE the work begins.)

If No, provide Contractor Name and Address details only

LBP Name / Contractor Name	Licensing Class / Address	Licensed Building Practitioner No. (or registration no. if treated as being licenced under Section 291 of the Building Act 2004)
NOUCCATONS BUILDING	164 PRINCES ST HULL	10680

10. COMPLIANCE SCHEDULE APPLICATION FORM - 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 11

☐ The specified systems for the building are indicated below (Please tick)

SS1	Automatic systems for fire suppression (for example sprinkler systems)		SS9	Mechanical ventilation or air conditioning systems	
SS2	Automatic or manual emergency warning systems for fire		SS10	Building maintenance units providing access to exterior and interior walls of buildings	
SS3	Electromagnetic or automatic doors or windows		SS11	Laboratory fume cupboards	
SS4	Emergency lighting systems		SS12	Audio Loops or other assistive listening systems	
SS5	Escape route pressurisation systems		SS13	Smoke control systems	
SS6	Riser mains		SS14/1	Emergency Power systems for or	
			SS14/2	Signs relating to a specified system in any of specified systems 1-13	
SS7	Automatic back-flow preventers connected to a potable water supply		SS15	Other fire safety systems or features	
			SS15/1	- Systems for communicating spoken information intended to facilitate evacuation	
			SS15/2	- Final exits	
			SS15/3	- Fire separations	
			SS15/4	- Signs for communicating information intended to facilitate evacuation	
			SS15/5	- Smoke separations	
SS8	Lifts, escalators travelators or other systems for moving people or goods				

The following specified systems are being altered, added to, or removed in the course of the building work.

11 ATTACHMENTS : The following documents are attached to this application

<input checked="" type="checkbox"/>	Plans and specifications
<input type="checkbox"/>	Project Information Memorandum (if applicable)
<input type="checkbox"/>	Certificate attached to Project Information Memorandum (if applicable)
<input checked="" type="checkbox"/>	Evidence of ownership
<input type="checkbox"/>	Project Information Memorandum
<input type="checkbox"/>	Development Contribution Notice



Code Compliance Certificate

Form 7, Section 95, Building Act 2004

THE OWNER:

Name of Owner:
KJBR Limited
C/- Rob Mckinlay
PO Box 106155
Auckland City
Auckland 1143

Phone (Hm):

Mobile:

Contact Person*: S J Batchelor

THE BUILDING:

Street Address of Building:
80 Conway Road Eltham 4322

Legal Description of Land Where Building is Located:
LOT 1 DP 1212

Building Name: [if applicable]

Location of Building Within Site/Block Number:
N/A

Current Lawfully Established Use: Residential

Building Work

Building Consent Number:

BC130312

Project Description:

**Install Woodsman Coaster
Multifuel F/Stdg Logfire**

**Records of Work Supplied for Restricted
Building Work**

N/A

Issued by: South Taranaki District Council

22 July 2013

Code Compliance

The South Taranaki District Council is satisfied, on reasonable grounds, that the building work complies with the building consent.

Signed for and on behalf of the South Taranaki District Council:

Name: *B. Yca*
Building Control Officer

Signature: *[Signature]*

Date:

22/7/2013

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

CODE COMPLIANCE CHECKLIST

Address: 80 Conway Rd. Eltham				Date: 19/7/2013			
Tick in "Required" column all inspections required by the consent. For each result place a tick in the "Completed" and/or "Passed" columns.				Building Consent No: 130312			
Tick in "Required" column all documentation required. Tick in the "Supplied" and "Accepted" columns for documents received.							
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 (fixings)				Structural engineering			
Preclad (cavity & proprietary flashings)				Geotechnical engineering			
Masonry block work				Fire engineering			
Preline building				HVAC engineer			
Wet area membranes				Electrical engineer			
Postbrace				Hydraulic engineer			
Block				Truss design certificate			
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 installer's certificate			
Smoke alarm installation				Roofer installer's warrantee			
Final Building Inspection				Texture coating / cladding warranty			
Plumbing & Drainage Inspections				Window and door joinery warranty			
Drainage - surface water, foul water				Membrane applicators certificate			
Pre-slab plumbing							
Preline plumbing							
Final plumbing							

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

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

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

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.

	Y	N
Is a new amended compliance schedule required?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has it been issued? (refer to note below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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.

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

Reason for granting CCC

Satisfaction on Reasonable grounds
that installation meets required
standards by the NZBC

Approve to issue Code Compliance Certificate if all outstanding fees are paid

Yes / No

Building Officer:

Signature

Name

[Signature]
Byrce

Application for Code Compliance Certificate (CCC)

Form 6, Section 92 of the Building Act 2004

Please return all 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

Consent Number: **BC130312**

Issued by: **The South Taranaki District Council**

The Owner

Name of owner: **KJBR Limited**

Contact Person: **S Rye (Stuart)**

Postal Address: **OwnerAddress1**

Home Phone:

Business Phone:

Mobile Phone: **027 872 852**

Email address:

The following evidence of ownership is attached to this application:

(copy of certificate of title, lease, agreement for sale and purchase, or other document showing full name of legal owners(s) of the building)

The Project

Description: **Install Woodsman Coaster Multifuel F/Stdg Logfire**

Owner: **KJBR Limited**

Location: **80 Conway Road Eltham 4322**

Legal Description: **LOT 1 DP 1212**

Valuation Ref. Number: **1220046200**

The Agent

Name of Agent: Houghtons Plumbing Heating & Gas Limited
(only required if application is being made on behalf of the owner)

Contact Person : S J Batchelor
Mailing Address: PO Box 696 Hawera 4640

Phone Number: **Mobile:**

Email address: steve@houghtonsplumbing.co.nz

First point of contact for communications with the building consent authority:

(state full name, mailing address, phone and fax numbers, email addresses)

The Application

All building work to be carried out under the above building consent was completed on:

11-7-13

(insert date)

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

Doughton's Plumbing, Heating & Gas Ltd
P.O. Box 696, Hawera 4640

(list names, addresses, phone numbers and where relevant, registration numbers)

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:

I request you issue a Code Compliance Certificate (CCC) for this work under Section 95 of the Building Act 2004. The Code Compliance Certificate should be sent to:

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:

- ☐ Compliance Schedule Specified Systems and Maintenance Programme
- ☐ Building Certificates
- ☒ A Consent Completion Certificate (CCC) issued by a Building Certifier
- ☐ Producer Statements

Signed for and on behalf of the Owner:

Signature of Owner: [Signature]

Name of person signing: Irene McKnight

Date: 11.7.13

ENTERED

FOR OFFICE USE ONLY:

Inspector: Bryce

Date: 19.07.13

Event updated:

Booked by: Sylvia

Time: 1.00pm

Confirmed: YES

SOLID FUEL HEATER CHECKLIST

CODE COMPLIANCE CERTIFICATE

Preinstallation: YES ☐ NO ☐

SOUTH TARANAKI DISTRICT COUNCIL

Ref: RD.26

Owners Name: <u>K.J.B.R. LTD</u>	Consent No. BC: <u>130312</u>
Project Address: <u>80 Conway Rd</u>	Phone No.: _____
Contact Person: <u>Stuart</u>	Cell Phone No.: _____
Date and Time of Inspection: <u>19/7/2013 1:00 pm</u>	

SCANNED

Installer: <u>Houghton Plumbing</u>	Reg No.: _____
Installed to Manufacturers Specifications	
Make: <u>woodman</u>	
Model: <u>Coaster</u>	

In-built Appliance - 1st	PASS	FAIL	N/A
Internal chimney checked			
Fire surround & register checked			
Gaps filled with Fire Seal etc.			
Hearth distances comply			
Mantle clearance complies			
Seismic restraints			
Mantle heat deflector in place			
Flashing to top of chimney			
Flue height above roof			



Free standing Appliance	PASS	FAIL	N/A
Clearance to combustible materials	✓		
Hearth distances comply	✓		
Flue thru ceiling complies	✓		
Supports inside roof space	✓		
Heat deflector fitted to flue	✓		
Plate spaced off ceiling	✓		
Seismic restraints	✓		
Flue height above roof	✓		
Flashing flue to roof	✓		
Flue supports (if required)	✓		
Smoke alarms	✓		

Wet Backs	PASS	FAIL	N/A
Pipe sizing & supports			
Pipe gradients			
Open vent to cylinder			
Tempering valve fitted to cylinder			

VISION 33078

Field Inspection Notes:

- Fire fitted to installation instructions
- hearth distance complies
- fire guard fitted
- ~~space~~ plate spaced off ceiling (no photo)
- Spider fitted all ok.

Form 6 -
Supplied.

Building Control Officer: [Signature]

Date: 19/7/2013
3161

BUILDING CONSENT

Form 5, Section 51



New Zealand Building Act 2004

Application No: BC130312

Description of Project: Install Woodsman Coaster Multifuel F/Stdg Logfire

Consent Issue Date: 23/05/2013

THE OWNER

Name: KJBR Limited

Contact Person: S Rye

Mailing Address:

Street Address/Registered Office:

Business Phone:

Mobile:

Home Phone:

Email:

THE APPLICANT

Name: Houghtons Plumbing Heating & Gas Limited

Contact Person: S J Batchelor

Mailing Address: Princes Street Hawera

Business: 06 278 8883

Mobile:

Home Phone: 06 278 9176

Email: steve@houghtonsplumbing.co.nz

THE BUILDING

First point of contact for communications with the building consent authority: Steve Batchelor

Street Address: 80 Conway Road Eltham 4322

Legal Description: LOT 1 DP 1212

Valuation Number: 1220046200

Location of building within site: N/A

Current lawfully established use: Residential

Building Name:

Level/Unit Number: 0

Year constructed: 0

BUILDING WORK:

The following building work is authorised by this building consent:

Install Woodsman Coaster Multifuel F/Stdg Logfire

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 No: BC130312

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.

RESTRICTED BUILDING WORK REQUIREMENTS:

As per Section 87 of the Building Act 2004 prior to the commencement of any building work the owner/agent must provide in writing to the Building Consent Authority the name and licence number of all practitioners engaged to carry out the work within this consent if not already stated on the application.

The owner/agent must notify the Building Consent Authority of any changes to Licensed Building Practitioners that may be engaged during the course of the building project.

INSPECTION NOTIFICATION:

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

The contact person is to ensure that someone is on site at the time of the inspection.

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.

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 (Form 6).

LAPSING OF CONSENT:

This Consent shall lapse and be of no effect if the building work has not started within 12 months from date of issue.

Project Information Memorandum

Sections 31 to 39
New Zealand Building Act 2004

Issued in accordance with Building Consent No: BC130312

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 Certificate (CCC) being issued, where applicable.

Approved smoke detection units (smoke alarms) are to be installed within 3 metres of every sleeping space door and must be in working order.

REQUIRED INSPECTIONS

24hrs notice is required for all inspection bookings

SMOKE ALARMS:

The owner or person undertaking the building work shall arrange for an inspection for a compliance check for the installation of an approved smoke detection unit installed within 3 metres of every sleeping space door and in working order.

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.

ATTACHMENTS:

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

- Stamped Approved Consented Plans.
- Application for Code of Compliance Certificate.

PROJECT INFORMATION:

This Project Information 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 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.

Signature: 

Position: **Building Control Officer**

On behalf of The South Taranaki District Council

Date: 23/5/13

Application for Code Compliance Certificate (CCC)

Form 6, Section 92 of the Building Act 2004

Please return all 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

Consent Number: BC130312

Issued by: The South Taranaki District Council

The Owner

Name of owner: KJBR Limited

Contact Person: S Rye

Postal Address: OwnerAddress1

Home Phone:

Business Phone:

Mobile Phone:

Email address:

The following evidence of ownership is attached to this application:

.....
(copy of certificate of title, lease, agreement for sale and purchase, or other document showing full name of legal owners(s) of the building)

The Project

Description: Install Woodsman Coaster Multifuel F/Stdg
Logfire

Owner: KJBR Limited

Location: 80 Conway Road Eltham 4322

Legal Description: LOT 1 DP 1212

Valuation Ref. Number: 1220046200

The Agent

Name of Agent: Houghtons Plumbing Heating & Gas Limited
(only required if application is being made on behalf of the owner)

Contact Person : S J Batchelor

Mailing Address: PO Box 696 Hawera 4640

Phone Number: :

Mobile:

Email address: :steve@houghtonsplumbing.co.nz

First point of contact for communications with the building consent authority:

.....

.....

(state full name, mailing address, phone and fax numbers, email addresses)

The Application

All building work to be carried out under the above building consent was completed on:

.....

(insert date)

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

.....

.....

(list names, addresses, phone numbers and where relevant, registration numbers)

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:

.....

.....

I request you issue a Code Compliance Certificate (CCC) for this work under Section 95 of the Building Act 2004. The Code Compliance Certificate should be sent to:

.....

.....

.....

.....

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:

- ☐ Compliance Schedule Specified Systems and Maintenance Programme
- ☐ Building Certificates
- ☐ A Consent Completion Certificate (CCC) issued by a Building Certifier
- ☐ Producer Statements

Signed for and on behalf of the Owner:

Signature of Owner:

Name of person signing:

Date:

FOR OFFICE USE ONLY:

Inspector:

Booked by:

Date:

Time:

Confirmed:

Event updated:

BUILDING CONSENT PROCESSING SHEET

OWNER: KJBR Ltd APPLICATION NO: BC 130312

SITE ADDRESS: <u>80 Conway Rd, Eltham</u>	PROPERTY NO: <u>3847</u>
DESIGNER: 	VALUATION NO: <u>12200/462/00</u>
BUILDER: 	VALUE OF WORK: <u>5,300</u>
PLUMBER/DRAINLAYER: <u>Houghtons</u>	REG #:
DESCRIPTION OF PROPOSED WORK: <u>Install Woodsman Coaster Multifuel F/Stdg</u> <u>Logfire</u>	

DATE	ACTIVITY	OFF	HRS	AMT		INSP REQD		INSP REQD
20/5	Admin	#		106 -	SITE		WET AREAS	
21/5	Process	O. H. 301			FOOTING/FOUNDATION		MEMBRANE SYSTEMS	
					BLOCKWORK		PRE-LINE PLUMBING	
					PRE-SLAB PLUMBING		POST-SHEET BRACE FIXINGS	
					PRE-SLAB BUILDING		DRAINAGE	
					TIMBER SUB-FLOOR		SEPTIC TANK & EFFLUENT SYSTEM	
					PRE-CLAD		FIRE WALLS	
					CAVITY SYSTEM		FREE-STANDING FIRE	
					PROPRIETARY FLASHINGS		INBUILT/INSERT FIRE	
					BRICK VENEER		EXTERIOR COATINGS	
					PRE-LINE INSULATION		DISABLED FACILITIES	
					MOISTURE/STRUCTURE/AIRSEALS		COMPLETION: BUILDING/ PLUMBING	
					PRE-BRACE FIXINGS			
TOTAL NO.								1



FEES (INCLUSIVE OF G.S.T.) ADMINISTRATION COMPONENT \$ <u>106 -</u> PIM FEE \$ <u>-</u> CODE COMPLIANCE CERTIFICATE \$ <u>118-00</u> INSPECTIONS \$ <u>59-00</u> PROCESSING COSTS \$ <u>-</u> FIRE DESIGN PEER REVIEW \$ <u>-</u> STRUCTURAL PEER REVIEW \$ <u>-</u> PHOTOCOPYING \$ <u>-</u> LINKING CERTIFICATE \$ <u>-</u>	RECEIPT NO: R <u>554591</u> DATE <u>22.5.13</u>	INVOICE <input checked="" type="checkbox"/> LETTER <input type="checkbox"/> CONSENT <input checked="" type="checkbox"/> CCC <input checked="" type="checkbox"/> NTF <input type="checkbox"/>
---	--	--

QUALITY CONTROL COMPLETED [Signature]

 CONSENTS OFFICER

OKAY TO INVOICE ☒
 GRANTED ☐

OFFICER'S NAME Owen (BLG) / _____ (PLNG)

BC 130312

BC

130312

Continue on separate sheet if necessary

TES:

ILDING:

HAZARDOUS SECTION

☐

CHECKED AGAINST STDC REGISTER

☐

NOT APPLICABLE

☒

Compliance Schedule

Is compliance schedule required?

If yes application/information to be sent with building consent.

YES

☐

NO

☒

HERITAGE STATUS CHECK

☐

NA

☒

Where you can pay:

Eltham LibraryPlus
Hawera Administration Office
Hawera LibraryPlus
Koponga LibraryPlus

Manaia LibraryPlus
Opunake LibraryPlus
Patea LibraryPlus
Waverley LibraryPlus

KJBR Limited
C/- Rob Mckinlay
PO Box 106155
Auckland City
Auckland 1143



Private Bag 902, Hawera 4640
Phone: 0800 111 323
Phone: (06) 278 0555

Rates Tax Invoice - Instalment 2 of 4

Tax Invoice for 25/10/2012

GST Reg No. 52-769-477

Rating Year 01/07/2012 to 30/06/2013

Valuation Number: 1220046200
Property Number: 3847

Property Location:
80 Conway Road

Area: 0.2023

Legal Description:
LOT 1 DP 1212

Land Value: 66,000

Capital Value 170,000

Instalment 2 of 4

Council's bank account for direct
payments into our account is
03 0647 0220100 03.
Please include your property number in
the payee reference field.

	District	Regional	TOTAL
Annual Rates	\$2,061.82	\$99.92	\$2,161.74
Last Years Arrears	\$190.98	\$8.74	\$199.72
Previous Instalments	\$515.50	\$24.90	\$540.40
Remissions	\$0.00	\$0.00	\$0.00
Adjustments	\$0.00	\$0.00	\$0.00
Penalties	\$22.25	\$0.65	\$22.90
Payments received (Up to 17/10/2012)	\$579.59CR	\$27.41CR	\$607.00CR
Current Instalment (includes GST)	\$515.50	\$24.90	\$540.40
Current Balance	\$664.64	\$31.78	\$696.42
TOTAL AMOUNT DUE			\$696.42

Total to clear account for the year \$1,777.36

PAYMENT DUE DATE 28/11/2012

A 10% penalty will be incurred if payment is not received by 28/11/2012

Rates Remittance Notice

Please detach and return this portion with your payment

Private Bag 902 Hawera 4640

South Taranaki
District Council

Valuation No 1220046200
Property No 3847
Name KJBR Limited
C/- Rob Mckinlay
RATES0003847000069642

LAST DAY FOR PAYMENT: 28/11/2012
TOTAL DUE NOW: \$696.42



Amount paid if different
from total due:

\$ _____

Tax Invoice/Statement: 11556

GST Reg. No: 52-769-477

Invoice Date: 21 May 2013

Houghtons Plumbing Heating &
Gas Limited
PO Box 696
Hawera 4640

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: BC130312
Description: Install Woodsman Coaster Multifuel F/Stdg Logfire
Owner: KJBR Limited
Location Address: 80 Conway Road Eltham 4322

Charge Description	Charge	GST	Amount
Building Consent Administration Fee	\$92.17	\$13.83	\$106.00
Building Consent Fire Processing Fee	\$51.30	\$7.70	\$59.00
Inspection Fee*	\$102.61	\$15.39	\$118.00
Total	\$246.08	\$36.92	\$283.00

The consent will be granted and issued after the invoice is paid.

**Inspection fee calculated @ \$118.00 x 1 inspections*

Remittance Advice

Please post to:

South Taranaki District Council
Private Bag 902
Hawera 4640

If you wish to pay online details are as follows - 030647-0220100-03
Please quote the Application Number as the reference

Application Number: BC130312
Applicant: Houghtons Plumbing Heating &
Gas Limited
Amount Due: \$283.00

Processing Checklist – Inbuilt & Freestanding Wood Burners

Page 1 of 2

BC No: 130312

Date: 21/5/13

Item to be checked for compliance: with NZBC, Approved Documents & NZS 7421 1990	Plans/Specs Checked			Details of Processing & Comments: Comments must be made for: 1. Non-complying items 2. Alternative solutions & how compliance with NZBC is achieved
	Complies	Non-Complying	N/A	
Wood Burner				
Free Standing <input checked="" type="checkbox"/> In-Built <input type="checkbox"/>				
Type & Model	<input checked="" type="checkbox"/>			WOODSMAN Coaster MultiFuel.
Meets National Environmental Standards for clean air – list checked	<input checked="" type="checkbox"/>			
Manufacturer's specifications	<input checked="" type="checkbox"/>			
Separation distances to all flammable surfaces	<input checked="" type="checkbox"/>			
Reference to seismic fixing	<input checked="" type="checkbox"/>			
Hearth				
Type	<input checked="" type="checkbox"/>			TILED
Floor plan showing location	<input checked="" type="checkbox"/>			
Fixed directly to floor	<input checked="" type="checkbox"/>			
Reason/Outcome:				
Flue				
Manufacturer's installation specifications and details	<input checked="" type="checkbox"/>			
Upper floor penetration protection			<input checked="" type="checkbox"/>	
Connected to Wetback			<input checked="" type="checkbox"/>	
Valving Installation			<input checked="" type="checkbox"/>	
Piping Details			<input checked="" type="checkbox"/>	
Smoke Alarm Location	<input checked="" type="checkbox"/>			WITHIN 3Mtrs of sleeping areas
Reason/Outcome:				
Freestanding Fire Approved	Yes/No			
Inbuilt Fire Approved	Yes/No			
<div style="display: flex; justify-content: space-between;"> <div>OK TO GRANT</div> <div>Signed: <u>[Signature]</u></div> <div>Dated: <u>21/5/13</u></div> </div>				
<div style="display: flex; justify-content: space-between;"> <div>CHECKED UNDER SUPERVISION BY:</div> <div>Signed:</div> <div>Date:</div> </div>				

(1) Utilise one of the following:

Tick (✓) This item complies with the NZ Building Code at the date of processing
 N/A Means this item is not applicable to this project and has not been assessed.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. On the right side, there are two circular punch holes, one near the top and one near the bottom, indicating it was designed to be part of a binder or folder. The paper appears slightly aged or off-white.

RECEIVED

20 MAY 2013

Categorisation of Building Consent Applications and Allocation for Processing

Address.....80 Conway Rd, Ellerslie..... BC.....130312

CATEGORY		CATEGORY			CATEGORY	
1.1		2.1			3.1	
1.2		2.2			3.2	
Initial triggers						
	Cat 1.1	Cat 1.2	Cat 2.1	Cat 2.2	Cat 3.1	Cat 3.2
Risk (E2)	< 7	< 13	< 21	< 21	> 20	> 20
Structure Attribute	Outbuildings Ancillary Buildings Sheds	Simple single storey design up to two dwellings side by side only NZS 3604 and 4229, assoc plumbing PS if applicable	Multi storey residential up to 3 storeys Ret. walls Specific design Pool in ground	Residential complex design >3 storeys	> 3 storeys High Weathertight risk residential High level residential care Complex plumbing	Publicly owned buildings Multi storey Waste water plants Bridges
Use	Not intended for human habitation	Residential Dairy sheds	Multiple Residential Specific design Dairy Sheds	Residential Shop fit outs or uncomplicated commercial less than FHC 3 less than 10 people, not open to public, no food handling	Care facility either residential or assembly Commercial SED engineer design	Restrained care Assisted care Unlimited
Crowd activity		SH	SR	SA , WL	CS,,CO, WM	CL, SC, SD, WH Open ended
Other	No plumbing work Heating Units	Decks up to 3.0 metres Plumbing works	Decks over 3.0 metres Alternative solutions	May require assessment for accessibility and compliance schedule	Compliance schedule required Alternative solutions may require Peer review	Historic buildings Bridges SED Mechanical services

Application consists of (circle as applicable)

Acceptable solution	Alt solution	Specific fire design
Plumbing or drainage	Geotech report	Specific eng design
Mech ventilation	Compliance schedule	Other spec design

Building Category Verified	YES/NO	<u>Heather</u> (Allocating Officer's Name)
BC Allocated To:	_____ Officer's Name)	_____ Date

- Reviewed for accuracy of category

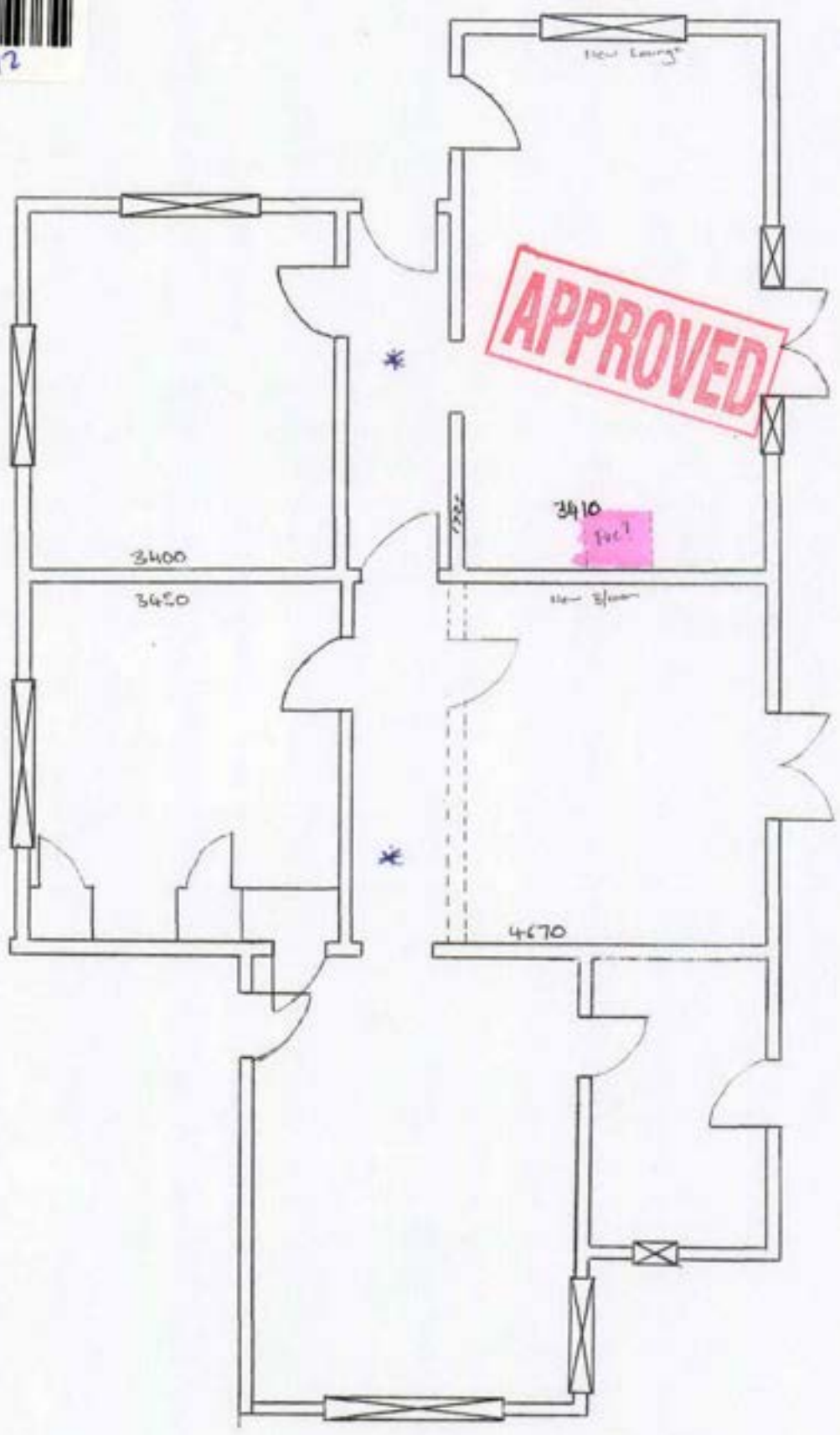
15/5/13

* Smoke Alarm

Seismic Restraint 2x Dynabolts

Street Rye
80 Conway Rd.
Eltham.

23/05/13



4000

6000

4000

4000

THE COASTER



FREE STANDING MULTI-FUEL STOVE

Designed for this country's most challenging environments, **The Coaster** provides the reliability you need, when keeping warm can be a matter of life or death. This rugged multi-fuel fire combines value, performance, efficiency and flexibility – with a cook top and a wet back option.

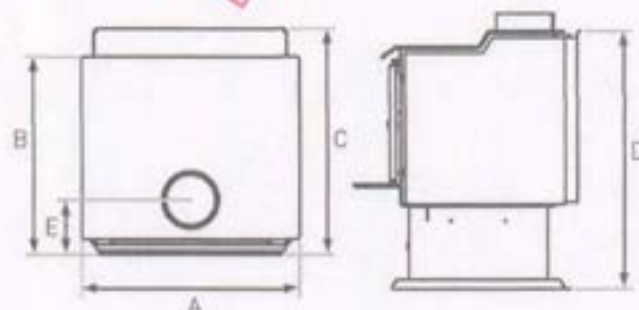
- Burns wood and coal
 - Powerful 22kW output
 - Generous fire box
 - Large ash pan
 - Dual air controls
 - Optional wet back
- APPROVED**
- 15 year warranty
 - Cook top – great for pot & grill
 - 15 year warranty

Available only from selected retailers

15
YEARS
WARRANTY



FREE STANDING
MULTI-FUEL STOVE



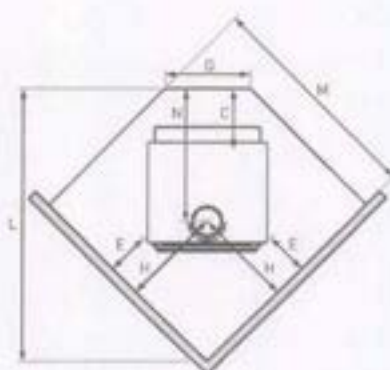
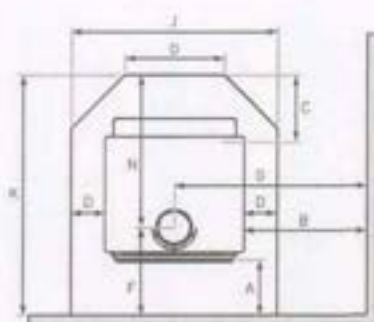
Dimensions [mm]

		THE COASTER
A	Overall Stove Width	615
B	Stove Depth - Door to Rear	554
C	Overall Stove Depth - Ledge to Rear	633
D	Overall Stove Height	726
E	Flue Centre to Back of Unit	149

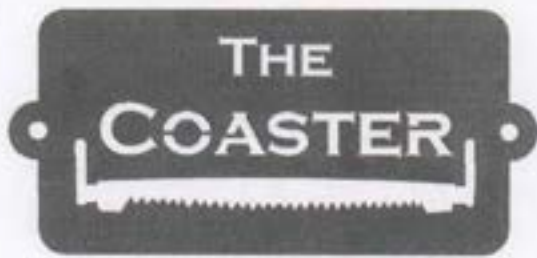
Clearances [mm]

	A	B	C	D	E	F	G	H	J	K	L	M	N	O
THE COASTER	250	550	300	150	225	391	858	516	915	1071	1410	1152	680	440

NOTE: All specifications are subject to change without notification. Please refer to the current installation instructions when installing your fire.



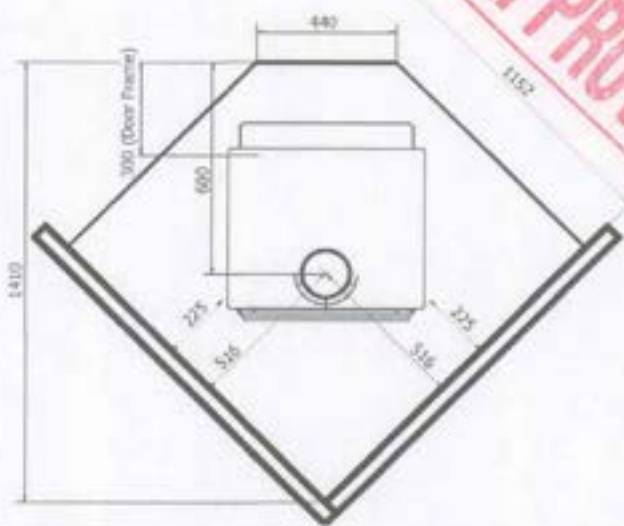
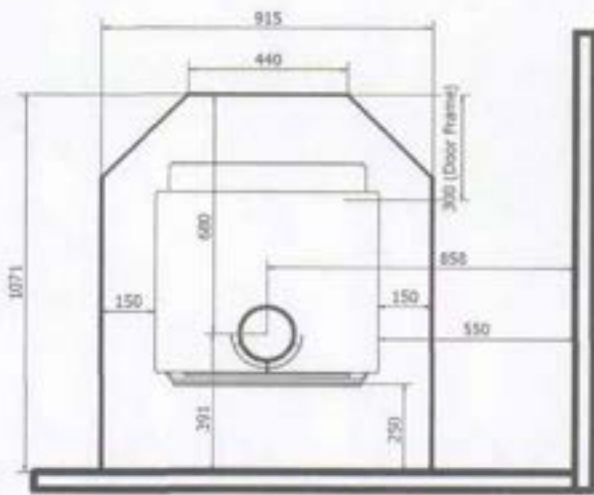
New Zealand's leading supplier
of advice and fires.



Installation Specifications

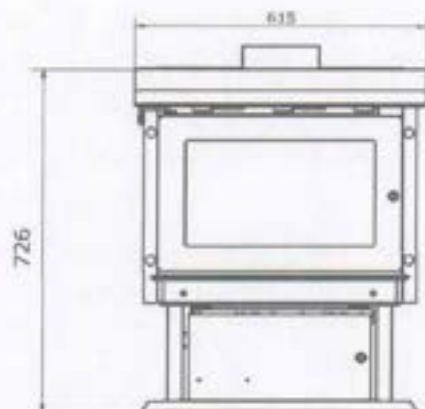
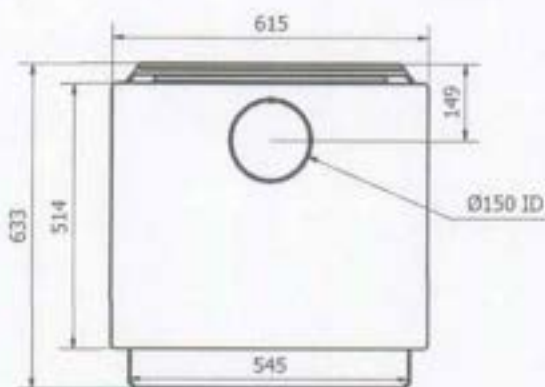
Tested to AS/NZS 2918:2001

Minimum Clearance & Hearth Dimensions



- Floor Protector Material: Minimum of 8mm Tiles, no additional insulation is required.
- Clearances are with a 1200mm high single heat shield fitted to the flue 10mm above the top plate of the fire box.

Appliance Dimensions



Proudly Manufactured By:



New Zealand's leading supplier
of advice and fires.

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alloy wall

pine wall

rimu wall

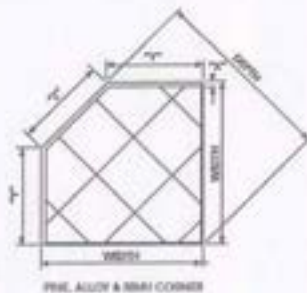
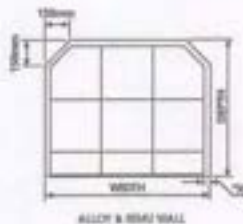
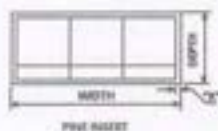
alloy corner

pine corner

rimu corner

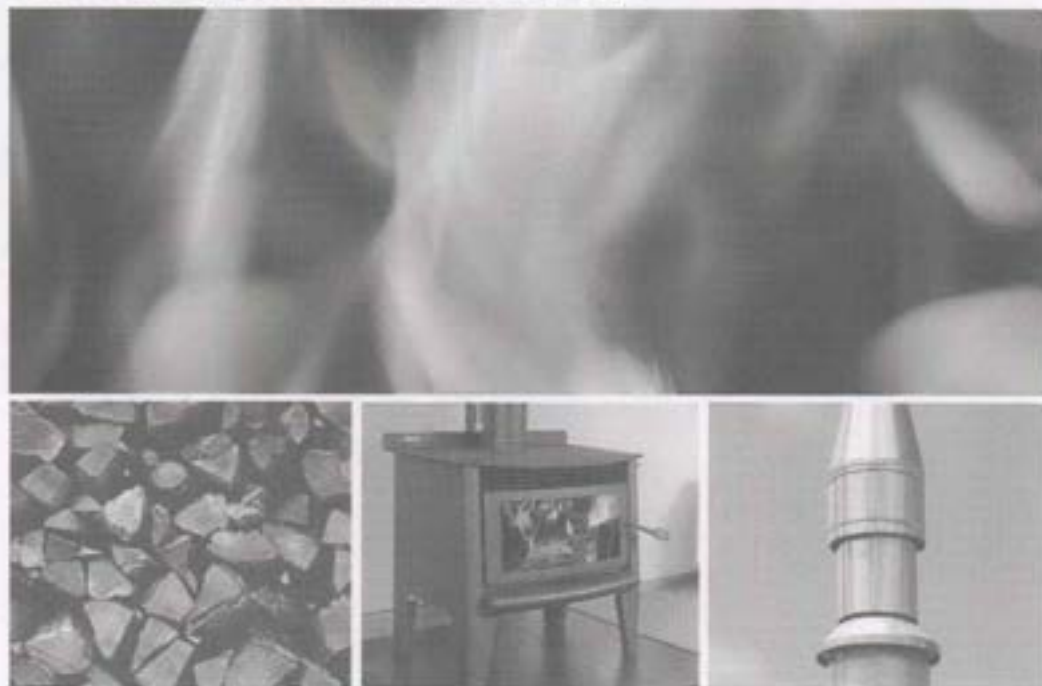
Floor Protector Dimensions

	Alloy Tiny	Alloy Small	Alloy Medium	Alloy Deep	Pine Medium	Pine Deep	Pine Insert	Rimu Medium	Rimu Deep	Alloy 1000	Alloy 1150	Alloy 1300	Pine 1000	Pine 1150	Rimu 1000	Rimu 1150
	Pioneer Wall Floor Protectors									Pioneer Corner Floor Protectors						
Width	650	840	1042	1042	955	955	1255	980	980	1000	1150	1300	1000	1150	1000	1150
Depth	830	840	1015	1150	935	1085	360	945	1100	1180	1310	1460	1180	1300	1180	1310
X Dimension					23	23	25	35	35				23	23	35	35
Y Dimension										670	700	760	670	700	670	700
Z Dimension										465	640	765	465	640	465	640
Thickness	26	26	30	30	25	25	40	40	40	30	30	30	25	25	40	40



Please note: All measurements detailed are in mm. The dimensions shown are nominal only. Actual floor protector dimensions may differ slightly to accommodate the varying sizes of the tiles used. **Pine and possible rimu trim floor protectors** - When calculating the min. size floor protector your heating appliance requires, the floor protector is the tiled area only; trim measurement "x" does not form part of the floor protector and must be deducted from your calculations. **Alloy trim floor protectors** - The overall dimensions constitute an "Ash Floor Protector" as the alloy trim is not a combustible material. Please consult your retailer for the full range of tile options available.

ECO Flue System Installation Manual



metrofires

ECO Flue Systems

Freestanding Flue Systems

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Insert Flue Systems

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ECO Flue System Minimum Heights	8
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PIONEER
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info@metrofires.co.nz • www.metrofires.co.nz

⚠ WARNING! Important Information

- Metro ECO Flue Systems must be installed to allow unrestricted air supply from either the ceiling cavity for an ECO Base Flue Kit, or above the roof line if the Base & Option Kits are both installed. Please read these instructions and familiarise yourself with the installation options and various components of the ECO Flue Systems
- The ECO Base Flue Kit must be installed into a "vented" flat ceiling cavity, or have an ECO Option Kit added to the flue system to provide an external air supply
- The ECO Flue Systems shall be installed in accordance with AS/NZS2918:2001 and the appropriate requirements of the relevant building codes
- Any modification to this flue system that has not been approved in writing by the testing authority is considered to be in breach of all approvals granted

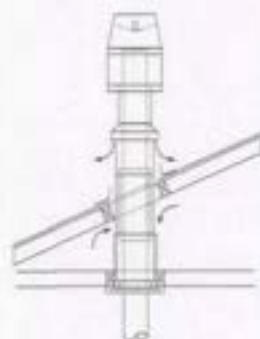
⚠ CAUTION! Important Information

- Mixing of flue system components from different sources or modifying the dimensional specification or components may result in hazardous conditions. Where such action is considered, the manufacturer should be consulted.
- Prior to installing the assembled flue pipe into a masonry chimney cavity, take careful note to ensure there are no overhead power lines in close proximity.

Installation Options ECO Flue Systems

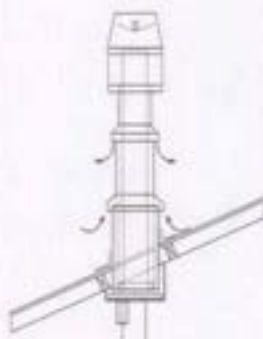
Detailed below are the more common installation methods for installing Metro ECO Flue Systems. To ensure a safe and efficient installation, this flue system must be installed as detailed below by either a registered installer, or someone competent in installing solid fuel appliances.

Single Storey Installations



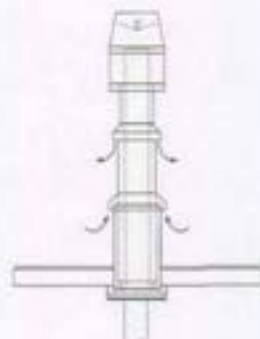
FLAT CAVITY CEILING

ECO Base Flue Kit only required as air is drawn into the flue system direct from the ceiling cavity.



SLOPING CEILING

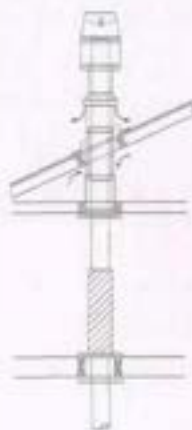
Both the ECO Base Flue Kit and ECO Option Kit are required to enable air to be drawn from outside the home.



FLAT CEILING/ROOF

Requires both ECO Base Flue Kit and ECO Option Kit as per sloping ceiling unless a vented ceiling cavity exists.

Two Storey Installations



2ND FLOOR
EXPOSED FLUE PIPE

Requires an ECO Base Flue Kit only with additional lengths of Flue pipe, a floor penetration kit, 1 x 1200mm long mesh/screen and one 250mm dia. x 300mm long black in accordance with AS/NZS2918:2001.



2ND FLOOR
ENCLOSED FLUE PIPE

Requires an ECO Base Flue Kit only with additional lengths of Flue pipe, 200mm & 250mm inner/outer combination liners. A 2nd floor vent cover and an additional ceiling plate with a 250mm diameter hole in accordance with AS/NZS2918:2001.

Component Checklist ECO Base Flue Kit & ECO Option Kit

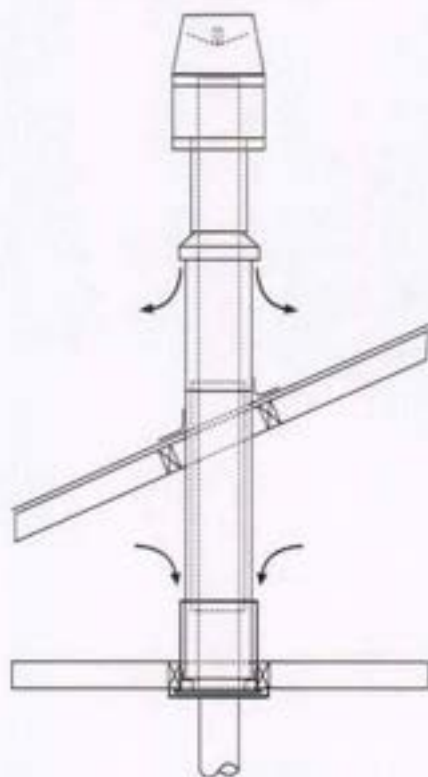
Metro offers both the ECO Base Flue Kit, which is designed to be installed on its own and the ECO Option Kit which is designed to be installed in conjunction with the ECO Base Flue Kit. The specific application for each of these two options is detailed below.

Metro ECO Base Flue Kit - Metro ECO Base Flue Kit is designed for installation into a building that has a "ceiling cavity" with unrestricted air supply as is the case with

conventional homes. A vented ceiling cavity is required as the Base Kit draws its cooling air from the ceiling cavity.

Metro ECO Option Kits - The Metro ECO Option Kit is designed to be "added to" the Metro ECO Base Flue Kit for installations that do not have a vented ceiling cavity and require the flue systems cooling air to be drawn in from above the roofline (outside the building).

ECO BASE FLUE KIT ASSEMBLED

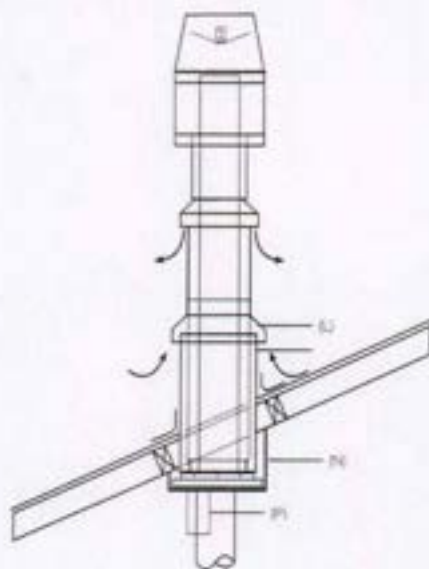


ECO BASE FLUE KIT COMPONENTS

- (A) 1 x Stainless steel weather butterfly
- (B) 1 x Stainless steel ECO cowl housing
- (C) 1 x 225mm x 200mm diameter stainless steel outer casing extension
- (D) 1 x 480mm long stainless steel flue pipe extension with flashing cone
- (E) 1 x 1200mm x 150mm diameter stainless steel flue pipe
- (F) 1 x 1200mm x 250mm diameter galvanised outer casing with 750mm long slip section
- (G) 1 x 800mm x 200mm diameter galvanised inner casing
- (H) 1 x Galvanised mounting plate with brackets and 300mm long x 300mm diameter casing attached
- (I) 1 x insulation gasket
- (J) 1 x black clip-on ceiling plate
- (K) 2 x 1200mm lengths of 150mm diameter stainless steel flue pipe painted metallic black
- (+) - 1 x Plastic bag of assembly bolts

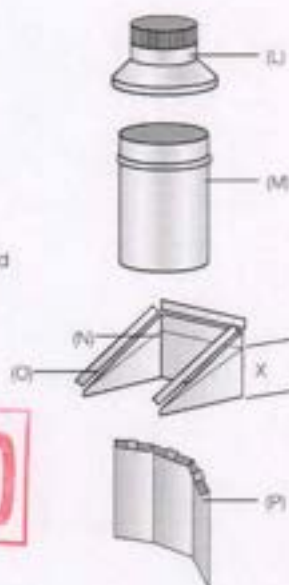


ECO BASE FLUE KIT & ECO OPTION KIT ASSEMBLED



ECO OPTION KIT COMPONENTS

- (L) External intake flashing cone
- (M) 300mm diameter outer liner extension
- (N) Drop box infill panel
- (O) Drop box edge covers
- (P) Ceiling plate mounted heat shield



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Installation Instructions ECO Base Flue Kit

Having positioned the wood fire in the desired location, check to ensure the wood fire and floor protector have adequate clearances/projections, and that the flue system is clear of ceiling joists, trusses etc. (refer to the Wood Fire Installation and Operation Manual).

Note: ECO Flue Systems use stainless steel brackets enabling movement due to expansion, while centralising flue pipes and casings. These brackets may require resetting after transport, if they are too loose or tight during assembly.

- At a point directly above the wood fires flue centre, cut a 300mm square hole through the ceiling and a 250mm diameter hole through the outer roof lining providing it is non combustible (iron, tiles etc) otherwise cut a 250mm square hole through the roof lining. "Trim out" the top face of the ceiling using timber nog's creating a square aperture measuring 300mm internally.

Note: Certain flashing manufacturers detail specific size and shape of the aperture to be cut for their flashing, which must be adhered to.

- Fit mounting plate (H) into the ceiling by sliding the 300mm diameter casing attached to the mounting plate up into the ceiling until the two upturned edges rest against the under side of the ceiling. Square the mounting plate to the wall and secure it in location with the four coach screws supplied, into the nogs just fitted. To further improve the rigidity of the installation, nail through the 300mm diameter casing at 4 points into the timber nogs.
- Moving onto the roof with the 1200mm x 250mm diameter galvanised outer casing (F) with 750mm long slip section fitted, lower the slotted end of this casing (F) into the roof cavity until it locates inside the brackets on the top face of the mounting plate. Return back into the room and using the 2 x 6mm bolts and washers supplied, securely bolt the base of the 250mm diameter outer casing into the rivet nuts pre-fitted into the mounting plate brackets.

Note: As there are two bolts, the outer casing can be rotated 180 degrees. Ensure the lock-form seam is rotated so the seam is sheltered as much as possible from the prevailing weather direction.

- Return back onto the roof and using a suitable flashing, weather proof the joint where the 250mm diameter outer casing penetrates the roof. Ensure the flashing used is compatible with the roofing material, and if fitting instructions are supplied with the flashing, these must be adhered to. Prior to fitting the flashing, by fitting brackets securing the outer casing (F) to the roof material will further improve rigidity of the installation.

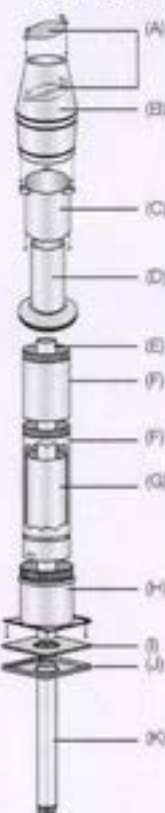
- While on the roof fit the 800mm x 200mm diameter galvanised inner casing (G).

Note: This inner casing has a top and bottom, the bottom end has both internal and external brackets while the top end has external only. Fit the bottom end of this inner casing (G) down into the 250mm diameter outer casing (F) until the casings lower external brackets locate on the internal swedge of the outer casing.

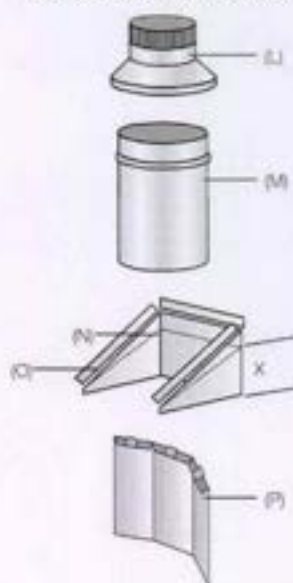
⚠ WARNING! Important Information

- If there is timber or combustibles within 25mm of the outer casing (F) in a zone "above the top end of the inner casing (G) and below the roof line" an additional 200mm inner casing must be fitted.

ECO BASE FLUE KIT COMPONENTS



ECO OPTION KIT COMPONENTS



- Moving back into the home, remove the plastic film from the ceiling plate (J) and place it black side down over the flue outlet of the wood fire. Using a high temperature black aerosol, spray around the hole in the centre of the white insulation gasket, and when dry lay this centrally on the ceiling plate.
- Unwrap the two painted flue pipes (K) taking care not to mark the painted surface (use a metallic black Stovebright aerosol for touch ups) and proceed to assemble the three flue pipe sections as described below;
 - Smear an adequate amount of Pioneer fire cement inside the "top/un-crimped" end of both painted flue pipes (K).
 - Taking the unpainted stainless steel flue pipe (E) insert its top "un-crimped" end up through the mounting plate (H) and up into the casings until its bottom "crimped" end is 1250mm above the top of the wood fire.
 - Take one of the two painted stainless steel flue pipes (K) and fit its lower "crimped" end into the Metro wood fires flue outlet. Now lower the unpainted stainless steel flue (E) which is protruding down from the mounting plate so that it fully connects into the lower painted flue pipe (K). Ensure these two flue pipe sections are firmly connected and aligned, then secure with three stainless steel or monel rivets spaced equally around the joint.
 - Lift the two assembled flue pipe sections so the bottom of the lower section is 1250mm above the top of the wood fire, and repeat the above procedure to fit the remaining painted flue pipe (K).

ECO Base Flue Kit - continued

- With all three flue pipe sections securely joined, lift this three section assembly out of the wood fires flue outlet, then move it slightly off centre and lower the flue pipe assembly "on top" of the wood fires flue outlet. Smear an adequate amount of Pioneer fire cement inside the wood fires flue outlet (move the flue pipe assembly as required to ensure the entire flue outlet is coated in fire cement) then lower the flue pipe back into the wood fires flue outlet, with the vertical flue seam facing the rear.
- 8. Taking the ceiling plate (J) with insulation gasket (I) fitted which are laying on top of the wood fire, with the flue pipe passing through them. Carefully lift them up the flue pipe trying not to mark the painted flue, and clip the ceiling plate onto the mounting plate.
- 9. While still on the ground, assemble the ECO vertical discharge cowl as follows:
 - Take the stainless steel weather butterfly (A) so the angled sections are facing up and fold "up" both arms at the slot provided to just over 90 degrees as shown.
 - With both arms and angled sections of the stainless steel weather butterfly (A) facing up, fit it into the stainless steel cowl housing (B), and secure in position through the holes provided with stainless steel rivets.

Note: Once fitted the weather butterfly will be slightly angled within the cowl housing.
- Now fit the base of the cowl housing (B) over the brackets of the outer casing extension (C) ensuring the 3 x pre-punched holes punched in its lower skirt align centrally over the three brackets attached to the casing extension as illustrated. Push the cowl housing down fully until its internal swage rests on the casing extension brackets (the brackets should be "just but fully" inside the base of the cowl housing). Drill through the three pre-punched holes in the cowl housing through the three brackets and secure with stainless steel rivets.
- 10. Making your way back onto the roof, slide the 750mm long slip section of the outer casing (F) until the top of this slip section is "level" (+ or -10mm) with the top of the 150mm stainless steel flue pipe, then secure this slip section of the outer casing with rivets.
- 11. Fit the 480mm long flue pipe extension/flashing cone (D), with the flashing cone at the bottom, fit its short flue section inside the top of the already installed 150mm diameter flue pipe. Ensure the three brackets extended below the flashing cone fit "outside" the outer casing slip section. Drill through the pre-punched hole in all three brackets into the outer casing slip and secure with rivets.
- 12. Taking the "removable section of the ECO cowl", position it over the top of the stainless steel flue pipe extension, and slide it down fully. This removable section does not require riveting and therefore enables easy removal for future flue cleaning.

Installation Instructions with ECO Option Kit

Dependent on whether you are installing into a flat roof/ ceiling or sloping ceiling situation as detailed on page 2, will determine if you require all the components of the ECO Option Kit, if installing into a flat ceiling/roof you will not require the drop box or drop box edge covers.

Note: The 300mm diameter outer liner extension (M) supplied with the ECO Option Kit is supplied at the maximum length it has been tested, and must not be extended.

1. Slip the 300mm outer extension liner supplied with the ECO Option Kit over the 300mm outer liner "stub" attached to the mounting plate (H) supplied with the Base Kit. Permanently secure these two components together by drilling four evenly spaced holes around the circumference and rivet with stainless steel rivets.
 2. At a point directly above the wood fires flue centre, cut a 300mm square hole through the ceiling and a 300mm diameter hole through the outer roof lining providing it is non combustible (iron, tiles etc) otherwise cut a 300mm square hole through the roof lining. "Trim out" the top face of the ceiling using timber nog's creating a square aperture measuring 300mm internally.
- Note: Certain flashing manufacturers detail specific size and shape of the aperture to be cut for their flashing, which must be adhered to.*
3. Fit mounting plate (H) into the ceiling by sliding the 300mm diameter casing attached to the mounting plate up into the ceiling until the two upturned edges rest against the under side of the ceiling. Square the mounting

plate to the wall and secure it in location with the four coach screws supplied, into the nogs just fitted. To further improve the rigidity of the installation, nail through the 300mm diameter casing at 4 points into the timber nogs.

- **If the ceiling is angled**, it is critical that the mounting plate is correctly positioned so the drop box in-fill panel can be fitted. Ensure the two "upturned folds" on the mounting plate are aligned parallel to the roof joists, i.e pointing towards the apex.

You will only be able to use two of the securing holes provided in the mounting plate. To give additional support to the installation nail through the 300mm diameter outer liner into the timber framing, access is through the 200mm hole in the base of the mounting plate.

4. Moving onto the roof with the 1200mm x 250mm diameter galvanised outer casing (F) with 750mm long slip section fitted, lower the slotted end of this casing (F) into the roof cavity until it locates inside the brackets on the top face of the mounting plate. Return back into the room and using the 2 x 6mm bolts and washers supplied, securely bolt the base of the 250mm diameter outer casing into the rivet nuts pre-fitted into the mounting plate brackets. Return back onto the roof and using a suitable flashing, weather proof the joint where the 250mm diameter outer casing penetrates the roof. Ensure the flashing used is compatible with the roofing material, and if fitting instructions are supplied with the flashing, these

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must be adhered to. Prior to fitting the flashing, by fitting brackets securing the outer casing (F) to the roof material will further improve rigidity of the installation.

Note: As there are two bolts, the outer casing can be rotated 180 degrees. Ensure the lock-form seam is rotated so the seam is sheltered as much as possible from the prevailing weather direction.

5. Fit the external "intake" flashing cone supplied with the Option Kit as illustrated, and secure it to the top of the 300mm diameter extension liner through the 4 x brackets which protrude below the base of the external "intake" flashing cone.
6. While on the roof fit the 800mm x 200mm diameter galvanised inner casing (G).

Note: This inner casing has a top and bottom, the bottom end has both internal and external brackets while the top end has external only. Fit the bottom end of this inner casing (G) down into the 250mm diameter outer casing (F) until the casings lower external brackets locate on the internal swadge of the outer casing.
7. Moving back into the home, remove the plastic film from the ceiling plate (J) and place it black side down over the flue outlet of the wood fire. Using a high temperature black aerosol, spray around the hole in the centre of the white insulation gasket, and when dry lay this centrally on the ceiling plate.
8. Unwrap the two painted flue pipes (K) taking care not to mark the painted surface (use a metallic black Stovebright aerosol for touch ups) and proceed to assemble the three flue pipe sections as described below;
 - Smear an adequate amount of Pioneer fire cement inside the "top/un-crimped" end of both painted flue pipes (K).
 - Taking the unpainted stainless steel flue pipe (E) insert its top "un-crimped" end up through the mounting plate (H) and up into the casings until its bottom "crimped" end is 1250mm above the top of the wood fire.
 - Take one of the two painted stainless steel flue pipes (K) and fit its lower "crimped" end into the Metro wood fires flue outlet. Now lower the unpainted stainless steel flue (E) which is protruding down from the mounting plate so that it fully connects into the lower painted flue pipe (K). Ensure these two flue pipe sections are firmly connected and aligned, then secure with three stainless steel or monel rivets spaced equally around the joint.
 - Lift the two assembled flue pipe sections so the bottom of the lower section is 1250mm above the top of the wood fire, and repeat the above procedure to fit the remaining painted flue pipe (K).
 - With all three flue pipe sections securely joined, lift this three section assembly out of the wood fires flue outlet, then move it slightly off centre and lower the flue pipe assembly "on top" of the wood fires flue outlet. Smear an adequate amount of Pioneer fire cement inside the wood fires flue outlet (move the flue pipe assembly as required to ensure the entire flue outlet is coated in fire cement) then lower the flue pipe back into the wood fires flue outlet, with the vertical flue seam facing the rear.

9. Taking the ceiling plate (J) with insulation gasket (I) fitted which are laying on top of the wood fire, with the flue pipe passing through them. Carefully lift them up the flue pipe trying not to mark the painted flue, and clip the ceiling plate onto the mounting plate.

10. While still on the ground, assemble the ECO vertical discharge cowl as follows;

- Take the stainless steel weather butterfly (A) so the angled sections are facing up and fold "up" both arms at the slot provided to just over 90 degrees as shown.
- With both arms and angled sections of the stainless steel weather butterfly (A) facing up, fit it into the stainless steel cowl housing (B), and secure in position through the holes provided with stainless steel rivets.

Note: Once fitted the weather butterfly will be slightly angled within the cowl housing.

- Now fit the base of the cowl housing (B) over the brackets of the outer casing extension (C) ensuring the 3 x pre-punched holes punched in its lower skirt align centrally over the three brackets attached to the casing extension as illustrated. Push the cowl housing down fully until its internal swage rests on the casing extension brackets (the brackets should be "just but fully" inside the base of the cowl housing). Drill through the three pre-punched holes in the cowl housing through the three brackets and secure with stainless steel rivets.

11. Measure dimension "X" as shown on page 3 and transfer this measurement to the drop box in-fill panel as shown.

- Cut the in-fill panel to the correct size and fit the 3 x edge covers.

Note: The side edge covers will require trimming on the ends to suit the angle of the ceiling.

- Secure the in-fill panel in position by fitting three rivets to each side through the holes provided.

12. Back in the room, lift the ceiling plate then attach the "ceiling plate mounted heat shield" to the lower face of the ceiling plate so that it acts as a deflector shield between the flue pipe and the lower side of the ceiling (refer assembled diagram on page 3). This heat shield has three tabs on its top face enabling it to be "clipped" into the 160mm diameter hole in the ceiling plate. Attach the ceiling plate by clipping it onto the mount plate and the installation is now complete.

WARNING! Important Information

- If there is timber or combustibles within 25mm of the outer casing (F) in a zone "above the top end of the inner casing (G) and below the roof line" an additional 200mm inner casing must be fitted.

Installation Instructions ECO Insert Flue Kit

This flue system has been manufactured and complies with AS/NZS2918:2001. To ensure a safe and efficient installation, this flue system must be installed as detailed below by either a registered installer, or someone competent in installing solid fuel appliances.

1. Check the masonry chimney for structural soundness and make any repairs that are necessary.

Note: Most councils require the masonry chimney to be inspected prior to installation. The masonry chimney cavity must also be swept prior to installation.

2. Once the fireplace insert has been installed correctly as per the manufacturers instructions, look directly down the chimney to ensure the wood fire flue spigot is in line with the masonry chimney. (A torch will be required).
3. If you cannot see the flue spigot, a flue pipe offset will be required. If so, install the flue pipe offset so the top of it can be clearly seen from the top of the masonry chimney.
4. If an offset is required, an adjustable telescopic type is recommended. Measure the amount of offset required and adjust the telescopic offset to suit, after smearing an adequate amount of Pioneer fire cement onto the slip section of the offset to ensure a good seal, then rivet the offset in three locations around its circumference. (If the offset is used in its fully compressed form, it will be necessary to modify the end of the female slip section otherwise it will restrict the internal diameter) Apply a liberal amount of Pioneer fire cement into the flue outlet of the fireplace insert, and fit the lower crimped end of the offset into position inside the flue outlet, and bolt into position.

Note: In some installations where it is not possible to fit offsets or rigid flue pipe due to the shape of the masonry chimney cavity, "Flexi flue" may be used.

5. Secure the flue pipes together and ensure the flue seams are in line. Flue pipe joints must be fully compressed with a considerable amount of fire cement to ensure a good seal, and then riveted together at three even points around the flue joint. Prior to installing the assembled flue pipe into the masonry chimney cavity, take careful note to ensure there are no overhead power lines in close proximity.
6. Lower the flue pipe into the masonry chimney, with the crimped end fitting into the fireplace insert flue outlet/offset, and securely attach with three rivets (offset/bend must be riveted to the flue pipe). For installations where extra lengths of flue pipe are required, or when the weather is poor, it will be easier to assemble the flue pipe lengths as they are lowered into the masonry chimney.

7. Secure the outer casing to the masonry chimney with suitable fasteners and weatherproof/seal to the masonry chimney top with mortar or silicone. Note: The top of the outer casing must be "level" (+ or -10mm) with the top of the 150mm stainless steel flue pipe. An optional masonry chimney flashing plate is available if required.

8. Assemble the ECO vertical discharge cowl as follows;

- Take the stainless steel weather butterfly (A) so the angled sections are facing up and fold "up" both arms at the slot provided to just over 90 degrees as shown.
- With both arms and angled sections of the stainless steel weather butterfly (A) facing up, fit it into the stainless steel cowl housing (B), and secure in position through the holes provided with stainless steel rivets.

Note: Once fitted the weather butterfly will be slightly angled within the cowl housing.

- Now fit the base of the cowl housing (B) over the brackets of the outer casing extension (C) ensuring the 3 x pre-punched holes punched in its lower skirt align centrally over the three brackets attached to the casing extension as illustrated. Push the cowl housing down fully until its internal swage rests on the casing extension brackets (the brackets should be "just but fully" inside the base of the cowl housing). Drill through the three pre-punched holes in the cowl housing through the three brackets and secure with stainless steel rivets.

The removable section of the ECO cowl is now fully assembled.

9. Making your way back onto the roof, fit the 480mm long flue pipe extension/flashing cone (D), with the flashing cone at the bottom, fit its short flue section inside the top of the already installed 150mm diameter flue pipe. Ensure the three brackets extended below the flashing cone fit "outside" the outer casing slip section. Drill through the pre-punched hole in all three brackets into the outer casing slip and secure with rivets.
10. Taking the "removable section of the ECO cowl" assembled in section (8) above, position it over the top of the stainless steel flue pipe extension, and slide it down fully. This removable section does not require riveting and therefore enables easy removal for future flue cleaning.

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Minimum Heights Metro Flue Systems (ALL) In compliance with AS/NZS2918:2001.

The Metro ECO Flue Systems comply with AS/NZS2918:2001 and its 4.6 metre height requirement (4.6 metre minimum from the top of the floor protector to the top of the flue pipe). However as external structures and the proximity of other

buildings will differ for every installation, some situations will require additional flue height to comply with the standard. Refer to Diagrams 3 and 4 below. (All measurements in mm)

Note: AS/NZS2918:2001 Section 4, details flue system installation requirements in full.

Diagram 3

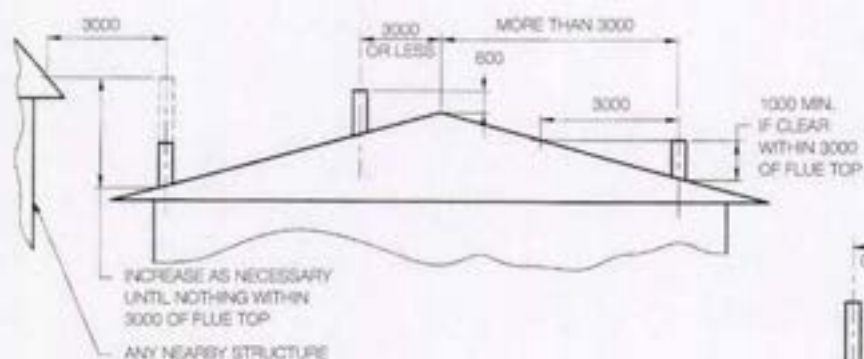
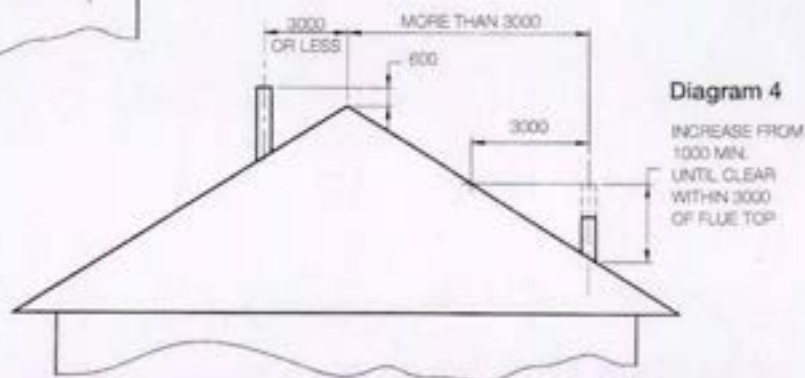


Diagram 4



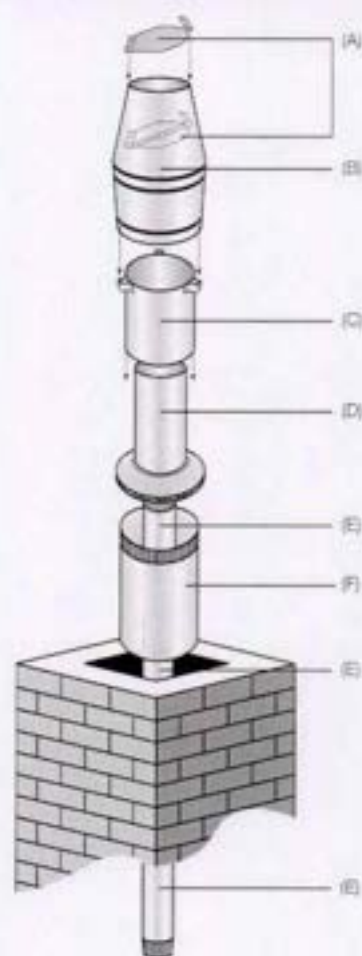
Component Checklist ECO Insert Flue Kit

Please read these instructions fully prior to installation of the insert Flue System and familiarise yourself with all the various components as illustrated right and listed below.

Note: Rivets and fire cement are not included as they are supplied by the installer.

ECO INSERT FLUE KIT COMPONENTS

- (A) 1 x Stainless steel weather butterfly
- (B) 1 x Stainless steel ECO cowl housing
- (C) 1 x 225mm x 200mm diameter stainless steel outer casing extension
- (D) 1 x 450mm long stainless steel flue pipe extension with flashing cone
- (E) 3 x 1200mm x 150mm diameter stainless steel flue pipe
- (F) 1 x 600mm x 250mm diameter galvanised outer casing



Application No.

Permit No.

D. & P. No.

BOROUGH OF ELTHAM**APPLICATION FOR PERMIT****220 BUILDING AND/OR DRAINAGE & PLUMBING**

PERMIT 027518

I hereby apply for a permit to carry out Building and/or Drainage and Plumbing work as described hereunder in accordance with the plans and specifications deposited herewith in duplicate.

NAME OF OWNER: J. J. ThomasADDRESS OF OWNER: 80 Bonway Rd

LEGAL DESCRIPTION OF PROPERTY:

VALUATION NO.:

1230 462

Lot: 1 D.P./S: 1212 Section:Address of Property: 80 Bonway RdDESCRIPTION OF WORK TO BE DONE: Residence extension

To build/alter/repair a

PROPOSED USE OF BUILDING: garage

: Total Floor Area

31 M²

N.B. The purpose for which each part of the building is to be used must be indicated on the plans.

NAME OF BUILDER: N. E. BennettADDRESS: Graham St.

NAME OF DRAINLAYER:

ADDRESS:

NAME OF PLUMBER:

ADDRESS:

ESTIMATED VALUES:**FEES PAYABLE**Building 22.00

Plumbing & Drainage

TOTAL

Building Res. Levy

Water Connection

Sewer Connection

Kerb/Footpath Deposit

Underground Power Fee

TOTAL FEES: 12.00Scale of Fees
Overleaf

APPROVED
ELTHAM
4/7/78
J. E. H. J. H. J. H.
BUILDING INSPECTOR

Signature of Applicant: Date: 19

Fees Paid \$

Payee:

Rec. No. 8436

Date: 6-7-78

BUILDING PERMIT FEES

ESTIMATED VALUE OF BUILDING WORK

	Up to	FEE
\$21	to \$20	50
\$201	to \$200	1.00
\$401	to \$400	2.00
\$601	to \$600	3.00
\$801	to \$800	4.00
\$1,001	to \$1,000	5.00
\$1,201	to \$1,200	6.00
\$1,401	to \$1,400	7.00
\$1,601	to \$1,600	8.00
\$1,801	to \$1,800	9.00
\$2,001	to \$2,000	10.00
\$2,501	to \$2,500	12.00
\$3,001	to \$3,000	14.00
\$3,501	to \$3,500	16.00
\$4,001	to \$4,000	18.00
\$5,001	to \$5,000	21.00
\$6,001	to \$6,000	24.00
\$7,001	to \$7,000	27.00
\$8,001	to \$8,000	30.00
\$9,001	to \$9,000	33.00
\$10,001	to \$10,000	36.00
\$12,001	to \$12,000	40.00
\$14,001	to \$14,000	44.00
\$16,001	to \$16,000	48.00
\$18,001	to \$18,000	52.00
\$20,001	to \$20,000	56.00
\$25,001	to \$25,000	64.00
\$30,001	to \$30,000	72.00
\$35,001	to \$35,000	80.00
\$40,001	to \$40,000	88.00
\$50,001	to \$50,000	98.00
\$60,001	to \$60,000	108.00
\$70,001	to \$70,000	118.00
\$80,001	to \$80,000	128.00
\$90,001	to \$90,000	138.00
\$100,001	to \$100,000	148.00
\$120,001	to \$120,000	158.00
\$140,001	to \$140,000	168.00
\$160,001	to \$160,000	178.00
\$180,001	to \$180,000	188.00
\$200,001	to \$200,000	198.00

FEES PAYABLE FOR SPECIAL DUTIES

NATURE OF DUTY	FEES
For inspection required in the case of proposed structural alterations before plans are submitted for approval	\$2.00
For inspecting every detached stove, furnace, oven, close fire or forge erected subsequently to the building	\$1.00
For inspecting old timber before re-using same in a new building	\$2.00
For any inspection that may be deemed necessary in connection with any building or work in respect of which no fees has otherwise been paid	\$0.50

PLUMBING & DRAINAGE PERMIT FEES

Payment for permit fees based on the following scale must accompany this application.

ESTIMATED VALUE OF WORK	FEE PAYABLE
Up To \$10	10c
To \$20	25c
To \$50	50c
To \$100	\$1
To \$200	\$2
To \$300	\$3
To \$400	\$4

plus \$1 for every \$200 or part thereof in excess of \$400.

BUILDING RESEARCH LEVY

A levy of \$1.00 per thousand or part thereof of the whole value (including Plumbing and Drainage Fees), applies to all buildings, valued at \$3,000 or more, e.g. \$3,000 value, \$3.00 Levy, \$3,050 Value — \$4.00 Levy.

ADDITIONAL FEES PAYABLE

Water Connection
Sewer Connection
Kerb/Footpath Deposit
Underground Power Fee
Footpath Crossing

5 December 2022

Stuart Rye & Jacqueline Kingsnorth
80 Conway Road
Eltham 4322

SE018

Dear Sir/Madam

Swimming Pool Compliance Inspection

The South Taranaki District Council is undertaking inspections to update our register of all known swimming pools or spa pools in the district. The aim is to ensure that all pools and fencing (or barriers) comply with Section 162C of the Building Act 2004.

A Council Officer inspected your property **80 Conway Road** on **4 November 2022** and concluded that the pool no longer exists at the property.

If the pool was an inground pool and has been filled, this will be recorded on our Suspect Section register. This is simply to ensure that if the property is sold/developed in the future that the record of fill is known and can be taken into consideration. We may request further information on the location of the pool if it is unknown or not visible on historic aerials. Any Suspect Section information and passed pool inspections will be held on the property file.

If there are any questions regarding any of the above, please contact the Building Control team on 0800 111 323 or by emailing the team on building@stdc.govt.nz.

Regards



Ivan Blom
Building Control Team Lead