

18
AA

BUILDING CONSENT

81206A

PROPERTY ID

013199

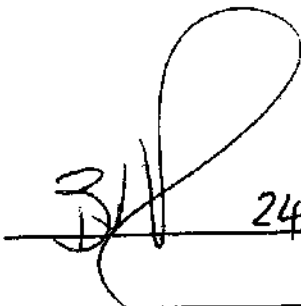


81206A

Lot: 1
DP: 4538
Y ID: 044908

Property ID:044908

five

Drainage Plans Enclosed Yes/No	Plans Taken Yes/No
Approved	 _____
Not Approved	_____ <div style="float: right; margin-top: -40px;">24/3/06</div>



NEW PLYMOUTH
DISTRICT COUNCIL
newplymouthnz.com



BUILDING INSPECTION CHECKLIST

Type = Pre-installation & Final

Building Code Compliance

Read today	/	Property Details	13	Consent Number	81206	
Customer	7699632 / Kerry Bridle		Phone Number	I Timandra Street	Name of person on site	Mrs BRIDLE
Inspection Details						
Call Details			Fire final (93276)		Deferred items completed from prior inspections	Not requ
Item		Comments			Status	
1.	Is the latest approved consent plan, including any approved amended plans, on site and used as the basis for construction? (If no, cancel inspection, book for re-inspection)			YES		
2.	Existing cavity satisfactory			N/A		
3.	Flue height			Pass		
4.	Roof / chimney penetration weather tight			Pass		
5.	Ceiling plate as designed			Pass		
6.	Flue junctions secure			Pass		
7.	Seismic restraint			Pass		
8.	Clearances as designed, including mantle shelf			Pass		
9.	Smoke detectors (In or within 3m of each bedroom)			Pass		
10.	Wetback connection			N/A		
11.	Heat deflector			Pass		
12.	Flue firebox connection			Pass		
13.	Hearth size as designed			Pass		
14.	Application for CCC provided			Pass		
15.				???		
16.				???		
17.				???		
18.				???		
19.				???		
20.	Producer statement required			No		
21.	Overall as per plans and documents			Pass		
Comments / Photos						
FREE STANDING WOOD FIRE AND FLUE INSTALLATION COMPLIES						
FINAL OUTCOME:		Approved for issue of CCC		Next likely inspection:	???	
Inspection Date & Time: Wednesday, 12 April 2006 3:33 pm		Last Print Date & Time: Wednesday, 12 April 2006 3:35 PM		Inspection took:	15 Mins	
Inspection Performed by: Pat Steer		Signature:				
		Sign				
		Clear				
Save As						



1. The building consent

1a. Building consent no.

81206

1b. Issued by

- ☒ New Plymouth District Council
☐ Other - please specify

2. Property owner details

2a. Owner details

- ☒ Have not changed since the building consent was lodged
Proceed to section 3

- ☐ Have changed since the building consent was lodged
Complete 2b and 2c

2b. Name

Contact person
(If owner is a corporation,
partnership or trust)

Postal address

Contact numbers

Phone

Mobile

Fax

Email

2c. Evidence of ownership
attached
(Only required if ownership has
changed)

- ☐ Certificate of Title (copy)
☐ Lease agreement
☐ Sale and purchase agreement
☐ Other document showing full name of legal owner(s), such as a rate instalment notice

3. Applicant details

3a. I am the

- ☒ Property owner
Proceed to 3b

- ☐ Lessee
Provide details below

- ☐ Agent
Authorised by owner / lessee
Provide details below

Name

KERRY JILL BRIDIE

Postal address

13/1 TIMANDRA ST.
New Plymouth

Contact numbers

06 7699 632

Phone

Mobile

Fax

Email

3b. Preferred means for
formal correspondence

- ☒ Mail

- ☐ Email

- ☐ Fax

4. Attachments

The following documents are attached to this application:

- ☐ Certificates from the personnel who carried out the work
☐ Certificates that relate to the energy work
☐ Evidence that specified systems are capable of performing to the performance standards set out in the building consent

5. Key personnel

Designer Name / Registration no.

Contact details Address

Phone / Email

Please turn over

5. Key personnel - continued

Builder	Name / Registration no.	
	Contact details Address	
	Phone / Email ()	
Drainlayer	Name / Registration no.	
	Contact details Address	
	Phone / Email ()	
Plumber	Name / Registration no.	
	Contact details Address	AJD Brown & Co Ltd PO Box 5041 New Plymouth
	Phone / Email	(06) 7536608 027 442 1385
Gasfitter	Name / Registration no.	
	Contact details Address	
	Phone / Email ()	
Electrician	Name / Registration no.	
	Contact details Address	
	Phone / Email ()	
Other	Name / Registration no.	
	Contact details Address	
	Phone / Email ()	

6. Application

6a. Date building work completed 12.04.06

6b. 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:

[illegible]

6c. I request that you issue a code compliance certificate for the work under section 95 of the Building Act 2004.
I understand that the code compliance certificate will be sent to the property owner

Signature A. Biddle

12 10406
Date

Name (print clearly) Kerry Bndle

OFFICE USE ONLY

- Refund issued ● Awaiting final payment (invoice sent)

Date forwarded for CCG review:

Forwarded by

CCC Review

- Plans/documentation lodged for all built work
- All critical work inspected

- ☐ All inspection passed
 ☐ All built work consented
☐ Supporting documents (ie procedure statements) lodged

Comments

Signed



NEW PLYMOUTH DISTRICT COUNCIL

newplymouthnz.com

Code Compliance Certificate: 22214

Section 95, Building Act 2004

Issued: 03 May 06

The Building

Street Address of building: 13 TIMANDRA STREET, NEW PLYMOUTH
4601

Legal Description of land where building is located:

LOT 1 DP 4538

Current, lawfully established use: Fire

Year first constructed: 2006

The Owner

Name of owner: MS Kerry Jill BRIDLE

Mailing Address: 13 TIMANDRA STREET
NEW PLYMOUTH 4601

Street address/registered office: 13 TIMANDRA STREET
NEW PLYMOUTH 4601

Phone number: (Bus.)

(Pvt.)

Facsimile number:

Email address:

Website:

First point of contact for communications with
council/building consent authority:

New Plymouth District Council

Private Bag 2025

NEW PLYMOUTH

Ph: 06 7596060

Fax: 06 7596072

Email: enquiries@npdc.govt.nz

Building Work

Building Consent number: 81206

Issued by: New Plymouth District Council

Building Consent number: 81206

Code Compliance

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


(a) the building work complies with the building consent.

Council Charges

The Council's total charges payable on the uplifting of this code compliance certificate in accordance with the attached details are: \$0.00

This is a final code compliance certificate issued in respect of all of the building work under the above building consent

1: CODE COMPLIANCE CERTIFICATE



Signature

Coordinator Building Inspections

Position

On behalf of: New Plymouth District Council

Date: 03 May 2006

Building Consent No:81206
Section 51, Building Act 2004

Issued:28Mar06

The Building

Street Address of building: 13 TIMANDRA STREET, NEW PLYMOUTH 4601

Legal Description of land where building is located:

LOT 1 DP 4538

Building Name: woodfire

The Owner

Name of owner: MS Kerry Jill BRIDLE

Mailing Address: 13 TIMANDRA STREET
NEW PLYMOUTH 4601

Street address/registered office: 13 TIMANDRA STREET
NEW PLYMOUTH 4601

Phone number: (Bus.)
(Pvt.)

Facsimile number:

Email address:

Website:

First point of contact for communications with council/building consent authority:

New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH
Ph: 06 7596060
Fax: 06 7596072
Email: enquiries@npdc.govt.nz

Building Work

The following building work is authorised by this consent:

Project: Additions

Intended Use: residential heating

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.

This building consent is subject to the following conditions:

1: Nil

There are no further conditions relating to this Building Consent.

2: ADDITIONAL COMMENTS

Inspections shall be carried out in accordance with the attached schedule of inspection types

3: DURABILITY OF BUILDING ELEMENTS

Building elements may have an intended life of less than 50 years. Limited life building elements carry certain limitations and obligations. Based on current legislation these obligations require the building owner to follow the normal and/or scheduled maintenance of the building element to ensure its continued compliance with the New Zealand Building Code (NZBC). Where failure to properly maintain the building elements results in non-compliance with the NZBC, the Territorial Authority may issued a "Notice to Fix" which if not met could result in legal action appropriate in the circumstances.

4: CONSTRUCTION & DEMOLITION NOISE

The proposed New Plymouth District Plan, appendix 12, clause 1.1 - 1.4 sets construction and demolition noise standards. Anyone carrying out building work must ensure they comply with these noise levels at all times. These standards may be obtained from the council's website or by contacting the council.

5: LAPSE & CANCELLATION OF CONSENTS

A Building Consent lapses and is of no effect if the building work to which it relates does not commence within 12 months after the date of issue of the building consent or any further period that the Building Consent Authority may allow. (Time extensions to commence building work after 12 months must be submitted to the Building Consent Authority in writing stating the reason for the request, prior to the lapse date of the consent.

6: ADDITIONAL COSTS AND REFUNDS

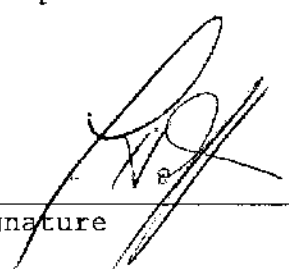
Building Consent fees are required to be paid prior to a Building Consent being issued. Once the project commences actual costs are charged against the fees paid. Where costs are greater or less than the base fee paid, additional costs will be charged or a refund made where the value exceeds \$100 for consents with a base fee greater than \$1000, or \$50 where the base fee is \$1000 or less.

7: COMPLETION OF BUILDING PROJECT

A Code Compliance Certificate must be applied for as soon as practicable after the building work is completed. A building consent is valid for two years after the date on which the building consent was granted. An extension of time may be considered if required, application for this time extension must be made in writing explaining reasons for the request prior to the consent lapsing.

Compliance Schedule

A compliance schedule is not required for the building.



Signature

Building Administration Officer

Position

On behalf of: New Plymouth District Council

Date: 28 Mar 2006



This form is to be used for applications for residential wood fires only. If your project involves any building work in addition to the installation of a wood fire, such as creating new ceiling penetration for a flue, use the standard PIM & / or Building Consent Form.

1. Property details

1a. Site address
(Specify unit / level number,
location of building within site
/ block number, building name
and street name)

13 Timandra St
Wellbourn
New Plymouth

1b. Legal description

1c. Rapid number

2. Property owner details

2a. Name

Kerry Bridle

Contact person
(If owner is a corporation,
partnership or trust)

Postal address

13 Timandra St.
Wellbourn N.P.

Contact numbers

(06) 7699632

(02) 4344774

()

Phone

Mobile

Fax

Email

3. Applicant details

3a. I am the



Property owner

As stated on section 2
Proceed to 3b



Lessee

Provide details below



Agent

Authorized by owner / lessee
Provide details below

Name

Postal address

Contact numbers

()

Phone

()

Mobile

()

Fax

Email

3b. Preferred means for
formal correspondence



Mail



Email



Fax

24 MAR 2006

1-15 pm

(B)

(P) 2908967

Pa \$123.32 KJ BRIDLE

Please turn over

OFFICE
USE ONLY

Owner ID 100341

Scale code FIR2

Property ID 044908

Planning / EH requirements? Y / N

Relevant planning / EH forms provided? Y / N

Application # 61205 61206

Received by J. W. W. W.

4. The project

- 4a. Type of woodfire ☐ In built ☒ Free standing
- 4b. Wet back ☐ New wet back ☐ Existing wet back ☐ No wet back

If wet back, state craftsman plumber's details below

Plumber Name / Registration no.

Contact details Address

Phone / Email

4c. Make

Model

☒ New model

☐ Second hand model

4d. Total floor area affected by building work

m²

4e. Estimated value of the building work

\$2000.00

including GST

5. Compliance with New Zealand Building Code

Clause

Tick relevant building code clauses

- ☐ B1 Structure
- ☐ B2 Durability
- ☐ C1 Outbreak of fire
- ☐ E2 External moisture
- ☐ F7 Warming systems
- ☐ H1 Energy efficiency
- ☐ Other
- ☐ Other
- ☐ Other

Means of compliance

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

Waiver / modification required

(State nature of waiver or modification of building code required. If not applicable, write N/A)

6. Applicant's declaration

I request that you issue a Project Information Memorandum and Building Consent for the building work described in this application.

PRIVACY STATEMENT:

Information on this form is required to be provided under the Building Act 2004 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 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.

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

I confirm that I have read and understood the Privacy Statement above and that the information provided on the application form is true and correct.

K. Bridle

Signature

24/3/06

Date

KERRY BRIDLE

Name (print clearly)



How to use this checklist

Use this checklist when finalising your building drawings and plans to assist you to lodge a complete application and to avoid delays in processing. Your application will be accepted based on this checklist to ensure that it has sufficient information to commence processing.

Later, additional information may be requested during the processing of your building consent to confirm compliance with the Building Code. Processing time will be suspended until information is received.

- ✓ All items on this checklist must be ticked to show that they are either provided (P) or are not applicable to your project (N/A).

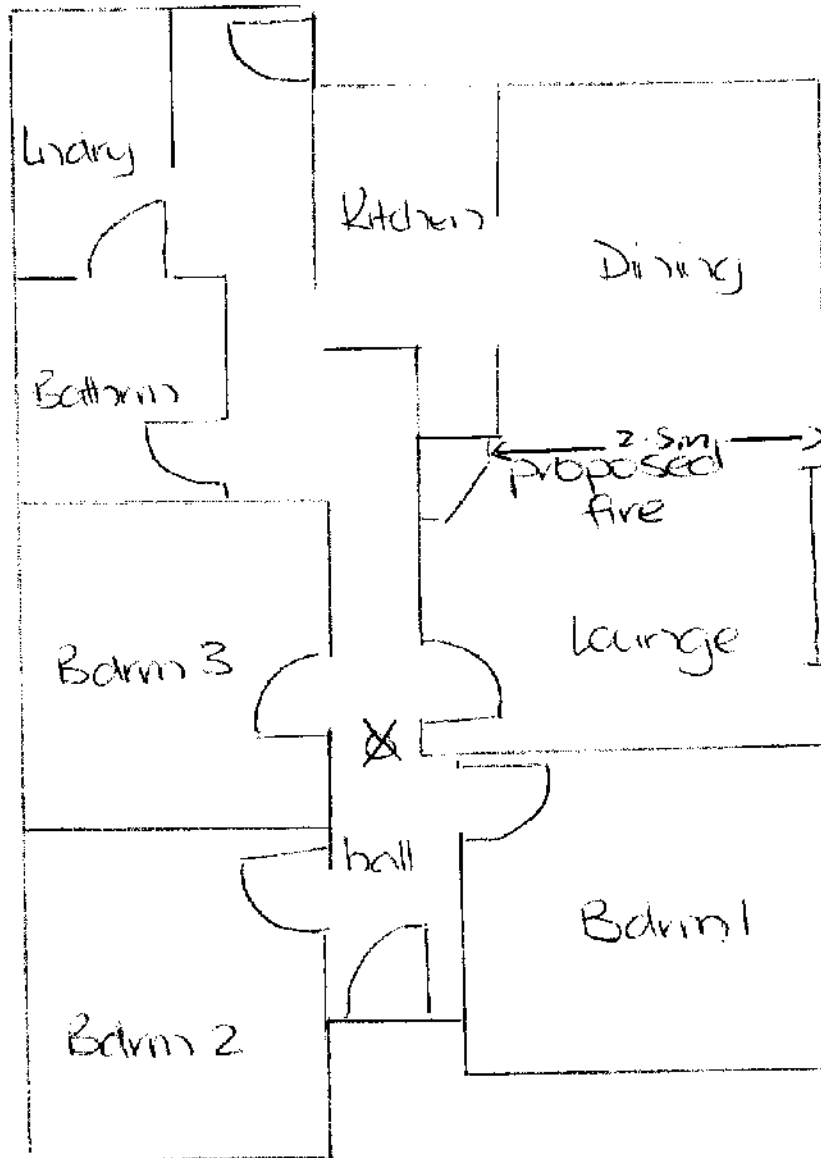
Project No.

Office use	Applicant use	P - Information provided	N/A - not applicable to this project
<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	P <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	1. Minimum building consent application documentation	
	<input checked="" type="checkbox"/>	a Complete application forms	
	<input checked="" type="checkbox"/>	b Two sets of plans and two sets of specifications and other documentation	
	<input checked="" type="checkbox"/>	c Plans drawn in black ink (not pencil or red pen)	
	P <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	2. Floor Plan	
	<input checked="" type="checkbox"/>	a Floor plan for each level with use of each area designated	
	<input checked="" type="checkbox"/>	b Location of woodfire to be shown; confirm if fireplace is inbuilt or freestanding	
	<input checked="" type="checkbox"/>	c Smoke detectors indicated (must be in or within 3m of each bedroom)	
	<input checked="" type="checkbox"/>	d Window and door openings, specifying in a metric scale distance and nearest opening to a fireplace	
	<input checked="" type="checkbox"/>	e Method of fixing woodstove to the floor	
<input type="radio"/> <input type="radio"/>	P <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	3. Water heating	
	<input type="checkbox"/>	a Piping layout if wetback is to be installed	
<input type="radio"/> <input type="radio"/>	<input type="checkbox"/>	b Tempering valve details	
	P <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	4. Specifications	
<input type="radio"/>	<input checked="" type="checkbox"/>	a Manufacturer's Specifications for make and model being installed	

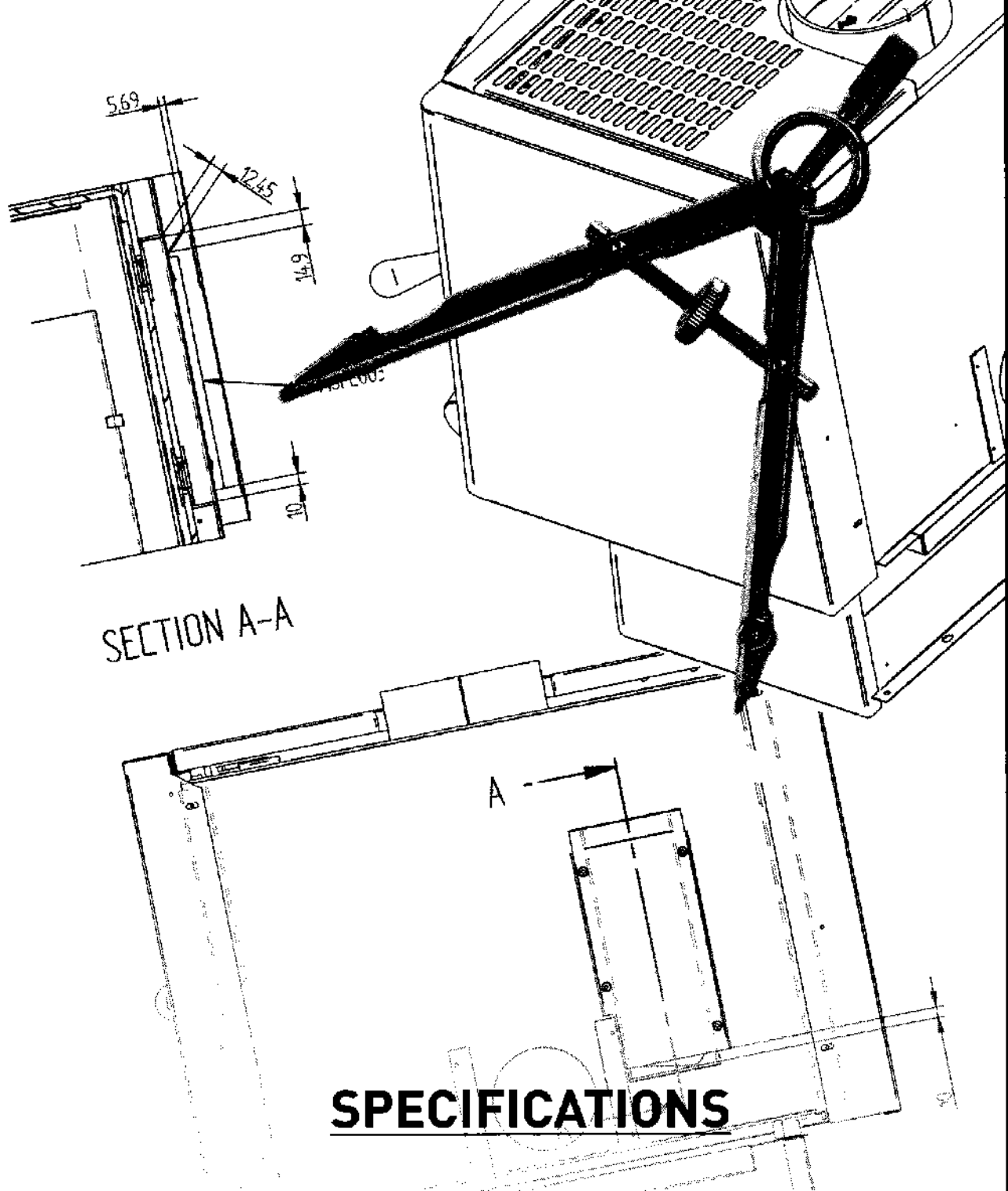
Other information that may be required

<input type="radio"/> <input type="radio"/>	P <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	5. Secondhand woodfire (over 2 years old)
	<input type="checkbox"/>	a Confirm new flue to be installed
<input type="radio"/> <input type="radio"/>	<input type="checkbox"/>	b Letter from member of the Home Heating Association confirming that the wood fire has been inspected and is suitable for reinstallation
	P <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	6. Other supporting documentation or plans
<input type="radio"/> <input type="radio"/>	<input type="checkbox"/>	This is a generic checklist for this project type. There may be other information that you know about, specific to your project or site, that has not been covered in the above items
	<input type="checkbox"/>	7. Method of payment:
<input type="radio"/>	<input checked="" type="checkbox"/> cash / <input checked="" type="checkbox"/> cheque / <input checked="" type="checkbox"/> eftpos	<input type="checkbox"/> pre-approved account customer

NPDC OFFICE COPY
This Building Consent is approved under the
Building Act and is limited to new work only as
shown on these plans and related specifications
Approved: (Signature) Date 24/3/06



2006 Technical Bulletin



SPECIFICATIONS

Maximum Measurement Volume
Maximum Size Range
Maximum Accuracy
Maximum Speed

METRO

NATIONAL ENVIRONMENTAL STANDARDS

National Environmental Standards came into effect throughout New Zealand on the 1st September 2005, imposing a minimum 65% efficiency and maximum 1.5gm emission requirements on all woodfires installed on properties with a land area of less than two hectares. Properties of two hectares or more are exempt from this National Environmental Standard. In practical terms this effectively creates two distinct woodfire markets, and as a consequence Metro are manufacturing a range of product for each;

ECO METROS – Designed for properties less than two hectares, ECO Metro woodfires surpass the requirements of the National Environmental Standard with all ECO Metro woodfires achieving emission levels of under 1 gram. Utilising technically advanced combustion technology ECO Metros have a more complex firebox design which operate at higher combustion temperatures, but offer shorter burn times than their LTD Metro equivalents.

LTD METROS – Designed for properties two hectares or more, LTD Metros offer a larger model range at very competitive prices, while retaining features like overnight burning and genuine wetbacks while still meeting internationally accepted efficiency and emission standards.

Note – Environment Canterbury have imposed emission requirements for Christchurch of 1gram/65% which is more stringent and takes precedence over the new national standard, while some other councils within New Zealand have imposed or are considering adopting bylaws relating to environmental issues. If you are in doubt talk to your local Metro retailer. All ECO and LTD Metros are detailed below detailing their tested emission and efficiency ratings.

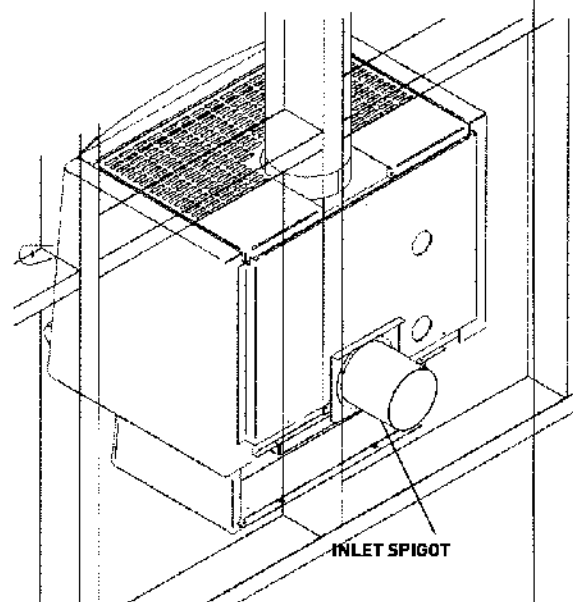
ECO Models	Emissions	Efficiency	LTD Models	Emissions	Efficiency
ECO Wee Rad	0.88gms	71%	LTD Wee Rad	2.3gms	71%
ECO Rad (DV)	0.89gms	68.2%	LTD Rad	3.3gms	63%
			LTD Mega Rad	2.0gms	65.6%
ECO Pioneer Ped	0.88gms	70.4%	LTD Pioneer Ped	2.3gms	71%
ECO Xtreme Ped (DV)	0.86gms	69.4%	LTD Xtreme Ped	3.3gms	63%
ECO Aspire Ped (DV)	0.65gms	70.4%	LTD Aspire Ped	3.3gms	63%
			LTD Mega Ped	2.0gms	65.6%
			LTD Pioneer R/Outlet	2.3gms	71%
ECO Tiny Trad	0.72gms	78%	LTD Pioneer Trad	2.3gms	71%
ECO Pioneer Trad	0.88gms	70.4%	LTD Xtreme Trad	3.3gms	63%
ECO Aspire Trad (DV)	0.65gms	70.4%	LTD Aspire Trad	3.3gms	63%
ECO Insert	0.91gms	65%	LTD Compact Insert	2.3gms	58%
			LTD Hi Output Insert	2.3gms	58%

DIRECT VENT ECO METROS

New to the Metro range for 2006 are the larger ECO Metros which incorporate the very latest Direct Vent (DV) technology. These "DV" Metros offer two significant advantages;

- All air consumed during combustion enters the appliance near the bottom/rear of the firebox, this enables both the primary and secondary air supply to be pre-heated to very high temperatures before entering the firebox. This air supply is ducted over the rear face of the firebox, then through preheating tubes fitted into the firebox's secondary burn chamber, resulting in emission and efficiency levels detailed in the chart above, that were previously unattainable.
- Metros with the "DV" technology also offer the option of connecting the air supply to outside the home. Laboratory testing confirms a typical woodfire producing 10kW's of heat at 67% efficiency consumes 8.4 litres of air per second burning fuel with a 17% moisture content, equating to around one "roomful" of air every hour. By connecting the air supply to outside the home the Metro consumes air drawn in from outside the home rather than using the heated air from within the home, saving fuel and further increasing the overall efficiency of the Metro.

There are three Direct Vent kits available – DV WALL KIT ducts through an outside wall, DV FLOOR KIT ducts through the floor directly behind the Metro and the DV CEILING KIT ducts into the wall cavity and up into the ceiling cavity.



INSERT SPEC SHEET

Pre Installation

Metro fireplace inserts are tested to/comply with AS/NZS 2918:2001 incorporating appendix "E" when installed in accordance with the installation and operation manual supplied with every Metro woodfire. Prior to installing your Metro fireplace insert into a masonry chimney, it is important that certain clearances and other requirements are complied with as detailed below :-

Chimney – The masonry chimney must be swept and checked for: -

- Cracks and general overall condition, with repairs carried out if necessary by a suitably qualified person.
- Cavity dimensions to ensure the fireplace insert will fit, it is usually necessary to remove the fire bricks from the lower masonry chimney cavity.
- The base of the masonry chimney cavity on which the Metro fireplace insert will rest must be level, if it is not, it should be levelled using mortar.
- If an ash removal door exists in the base of the chimney it should be sealed shut to prevent air entering the cavity.

Mantle – If a timber or combustible mantleshell exists above the fireplace insert opening, it should be a minimum distance above the top of the Metro's fascia, minimum distances are:-

- Metro LTD Hi Output fireplace insert = 460mm
- Metro LTD Compact fireplace insert = 400mm
- Metro ECO fireplace insert = 270mm

If less than the above minimum specified, a deflector or heat shield will be required to be fitted under the mantle.

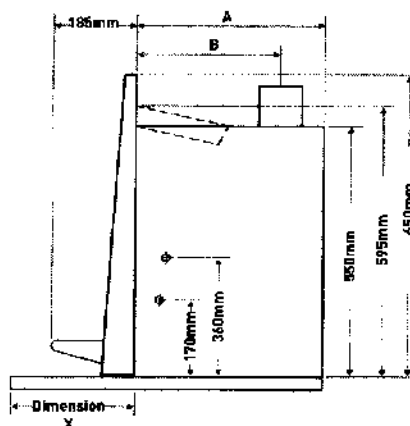
Floor Protector Requirements

Metro fireplace inserts are designed to be installed direct onto a concrete base. An insulated floor protector is required to project in front of the Metro and must extend a minimum of 200mm to each side of the door opening making the minimum floor protector width 825mm. The minimum floor protector projection forward of the Metro is dependant on the height of the fireplace insert above the combustible floor. The following schedule of floor protector projections is measured from behind the Metro fascia being the total floor protector depth as shown in the diagram below. Note, the heights specified above the combustible floor can be achieved by the thickness of the floor protector, raising the fireplace insert or a combination of these two.

Dimension X	0mm	10mm	15mm	20mm	25mm	30mm	35mm	40mm	41mm	45mm	50mm+
LTD Compact	439mm	439mm	425mm	417mm	403mm	392mm	381mm	367mm	N/A	356mm	350mm
LTD Hi Output	455mm	455mm	455mm	436mm	424mm	408mm	396mm	366mm	350mm	350mm	350mm
ECO	Only 300mm minimum projection is required irrespective of the height of the floor protector.										

Fascia Model	Base width	Body Width
LTD & ECO Trend Fascia	810mm	810mm
LTD & ECO Trad Fascia	900mm	810mm

Firebox Model	A	B	Width
LTD Compact	410mm	315mm	560mm
LTD Hi Output	500mm	405mm	560mm
ECO	500mm	405mm	560mm



Flue Systems

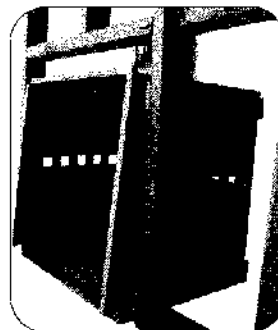
All Metro woodfires should be installed with the Metro ECO Flue System which comes complete with detailed installation instructions. All Metro ECO Flue Systems include Metro's vertical discharge cowl which improves draft and performance.

Vented Zero Clearance Cabinet

The function of the Metro Vented Zero Clearance Cabinet (VZCC) is to enable the Metro LTD Hi Output and ECO Insert Fireplace to be installed into a timber framed wall. The VZCC therefore replaces the more traditional masonry chimney at a fraction of the cost. Detailed instructions for the VZCC are available from your Metro retailer.

The wall opening cavity size required:

Width of opening	Height of opening	Depth of opening
- 700mm suggested	- 685mm suggested	- 575mm minimum
- 800mm maximum	- 690mm maximum	
- 690mm minimum	- 685mm minimum	



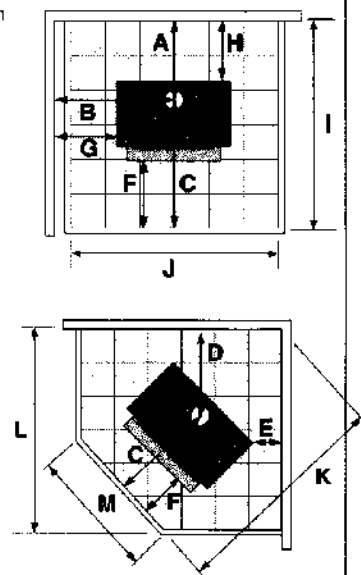
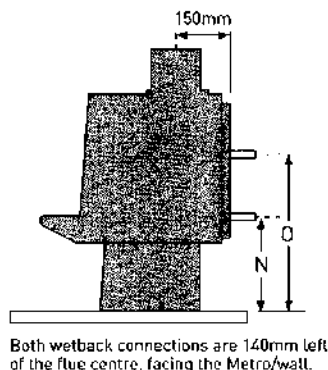
FREESTANDING SPEC SHEET

Clearance Reductions

AS/NZS 2918:2001 allows for a reduction in minimum clearances as detailed in tables 3.1 and 3.2 of the standard which your Metro retailer will be able to advise you on. Pioneer has also tested certain model Metros with "side extensions" fitted to the Pioneer double flue mounted shield, to achieve a reduction in clearances, details are;

- The LTD Pioneer Ped and LTD Pioneer Trad installed with a "Pioneer double flue mounted shield with side extensions fitted" can have side clearances B and G reduced by 80mm if installed into an alcove which does not project forward on the Metro.
- The ECO Aspire Ped, ECO Xtreme Ped and ECO Aspire Trad installed with a "Pioneer double flue mounted shield with side extensions fitted" reduces minimum corner clearance E from 170mm to 110mm. In this situation use the LTD Metro equivalent for measurements E, D, K & L. (i.e. use LTD Aspire Ped chart for ECO Aspire Ped for E, D, K & L).
- The LTD Wee Rad, LTD Pioneer Ped and LTD Pioneer Trad rear clearance (H) and overall floor protector depth (I) can reduce by 50mm providing a wetback is not fitted and therefore maintenance access is not required.

Model	WIDTH	DEPTH	HEIGHT
ECO & LTD Wee Rad	607	530	665
ECO & LTD Rad	750	575	745
LTD Mega Rad	750	675	745
ECO & LTD Pioneer Ped	590	530	665
ECO & LTD Xtreme Ped	670	575	715
ECO & LTD Aspire Ped	670	575	715
LTD Mega Ped	670	675	715
ECO Tiny Trad	490	530	665
ECO & LTD Pioneer Trad	590	530	665
ECO & LTD Aspire Trad	670	575	715



Metro Installation Clearances & Specifications

Minimum clearances shown are in mm, with a Pioneer double flue mounted shield fitted. Metro woodfires are tested to comply with AS/NZS2918:2001 if installed as detailed below.

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
ECO Wee Rad	260	525	580	385	80	200	220	110	840	825	1125	950	425	295	485
ECO Rad (DV)	250	575	625	435	80	200	200	100	875	905	1240	1065	505	338	528
ECO Pioneer Ped	260	595	580	385	85	200	300	110	840	825	1120	950	425	295	485
ECO Xtreme Ped (DV)	230	585	625	495	170	200	250	80	855	905	1325	1120	505	325	515
ECO Aspire Ped (DV)	230	585	625	495	170	200	250	80	855	905	1325	1120	505	325	515
ECO Tiny Trad	210	430	580	290	25	200	185	60	790	650	990	875	250	295	485
ECO Pioneer Trad	260	595	580	385	85	200	300	110	840	825	1120	950	425	295	485
ECO Aspire Trad (DV)	230	585	625	495	170	200	250	80	855	905	1325	1120	505	325	515
LTD Wee Rad	250	555	580	400	80	200	250	100	830	825	1145	950	425	295	485
LTD Rad	250	575	625	455	80	200	200	100	875	905	1265	1065	505	353	543
LTD Mega Rad	270	675	725	500	125	200	300	120	995	905	1425	1175	505	353	543
LTD Pioneer Ped	250	595	580	400	85	200	300	100	830	825	1145	950	425	295	485
LTD Xtreme Ped	250	575	625	455	110	200	240	100	875	905	1265	1065	505	340	530
LTD Aspire Ped	250	575	625	455	110	200	240	100	875	905	1265	1065	505	340	530
LTD Mega Ped	270	610	725	445	130	200	275	120	995	905	1480	1140	505	340	530
LTD Pioneer Trad	250	595	580	400	85	200	300	100	830	825	1145	950	425	295	485
LTD Xtreme Trad	250	575	625	455	110	200	240	100	875	905	1265	1065	505	340	530
LTD Aspire Trad	250	575	625	455	110	200	240	100	875	905	1265	1065	505	340	530

Floor Protectors

Freestanding Metro woodfires do not require an insulating floor protector, as they are tested and comply with the minimum floor protector requirements of AS/NZS 2918:2001. Note:

- The minimum floor protector sizes are specified in the clearance chart above.
- A floor protector can include ceramic tiles with grouted joints, a sheet of toughened glass, panel steel or any other non combustible material laid directly onto a wooden floor.
- If being installed onto a concrete or non combustible floor, no floor protector is required.

Flue Systems

All Metro freestanding woodfires should be installed with the energy efficient Metro ECO Flue System which comes complete with detailed installation instructions. All Metro ECO Flue Systems include Metro's vertical discharge cowl which improves draft and performance.

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