

0.10
21.82

512/1

PALMERSTON NORTH CITY COUNCIL

BUILDING APPLICATION FORM

19 Jan 1966

TO: The City Engineer,
PALMERSTON NORTH.

D. B. Smith

Sir,

erect
alter

I hereby apply for permission to ~~erect~~ *convert* Dwelling..... *5 rooms*
at *1 Sexton St.*.....
(House No. and Street)

for *G. F. Mullock*..... of *London, Millington Lane*
(Owner)..... (Owner's Address)

according to Plans and Specifications deposited here with *21279*

PARTICULARS OF LAND: Lot No: *67*..... D.P. NO. *24479*..... Sect. *350*
Frontage *70'*..... By Depth of *100'*..... Area.....

PARTICULARS OF BUILDING: Foundations: *stone*..... Walls *Plaster*
Roof *iron*..... Area of Ground Floor:.....sq.ft.

Estimated Value of Work:

| | | |
|---|---------------------|---------------|
| Number of Storeys..... | Building | £ <i>2920</i> |
| Area of Outbuildings.....sq.ft. | Plumbing & Drainage | £ <i>280</i> |
| Name of Plumber <i>J. G. Packet</i> | TOTAL: | £ <i>3200</i> |

Yours faithfully,

Dawson Bros.....Builder.

Postal Address: *12 Hulme St*
R.N.

PK 83574

TOWN PLANNER: _____

A.S. QUENNELL: _____

P. GARDINER: _____

HEALTH: _____

LABOUR DEPT: _____

F.B. _____

City Engineer

File

NORTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT.

Advice Note concerning the Provision of Stormwater Drainage
pertaining to the subject of a Building Permit.

Date: 28 FEB 1967

LOCATION: S. Leffton being Lot..... D.P..... Sec.....

OWNER: B.E. Mallack Address: 1. Leffton St.

BUILDER: Address.....

DRAINLAYER: R. Ross Address: 112 Rugby St.

Being the owner of the premises described above, I hereby give assurance that I am aware of the existence of a legal requirement covering the provision of approved spouting, downpipes and stormwater drains for all buildings on the premises and that such drains must discharge to the street unless an alternative outfall is approved. I undertake to provide all such spouting, downpipes and drains for all buildings erected on the premises and to arrange for their installation before any concrete paving is carried out.

SIGNED: B.E. Mallack

DATE: 28 Feb 67

Please sign and return this form to the office of the Chief Plumbing & Drainage Inspector, City Council, Private Bag, Palmerston North.

PALMERSTON NORTH CITY COUNCIL

Receipt No.....

Permit No.....1957.....

Building Permit No.....6293.....

Application for Permit for Sanitary Plumbing and/or
Drainage Work.

To: The Engineer,

I, the undersigned, hereby apply for permission for the work described herein and set in the plans attached hereto to be carried out in the premises whose owner and location are shown below:-

LOCATION: 2. Repton Ave. 67 Being Lot..... D.P..... Sec.....
OWNER: Mr. *Mallock* No.....
BUILDER: Mr. *Dawson Bros* No.....
PLUMBER: Mr. *Parker* No.....
DRAINLAYER: Mr. *Bentley's Son* No.....

Details of the Said Works.

(1) The installation of:- (see instructions on back of form)

Ground Floor:
/ Bath / Basin / Shower / Sink / Tub / W.C. / Urinal / Hot Water
Stall / Cylinder

First Floor:
~~Bath Basin Shower Sink Tub W.C. Urinal Hot Water
Stall Cylinder~~

Second, Third & Fourth Floor:
~~Bath Basin Shower Sink Tub W.C. Urinal Hot Water
Stall Cylinder~~

- (2) The construction of .96.ft. of 4" sewerage drain *4...51...*
- (3) " " " .60.ft. of 4" stormwater drain ...
- (4) Miscellaneous (state).....
(Drains over 4", special traps, special plumbing fittings, etc.)

Total permit Fee:

Charge for:

(Sewer lateral, Stormwater lateral, Stormwater crossing) ...

TOTAL:

Signature..... Builder
Owner Date.....
Plumber
Drainlayer

FOR OFFICE USE

Estimated value of work.....
(for statistical purposes) *£280*

REMARKS.....
.....
.....

| | £. | s. | d. |
|--|----|----|----|
| | 1 | 15 | 0 |
| | | | |
| | | | |
| | | | |
| | 13 | 0 | |
| | 5 | 0 | |
| | | | |
| | 2 | 13 | 0 |
| | | | |
| | | | |

INSPECTOR.

PALMERSTON NORTH CITY CORPORATION

Receipt No: 11858

Permit No: 2307

Building Permit No: _____

APPLICATION FOR PERMIT FOR PLUMBING AND/OR DRAINAGE WORK

TO: THE ENGINEER

I, the undersigned, hereby apply for permission for the work described herein and set out in the plans attached hereto to be carried out in the premises whose owner and location are shown below:-

LOCATION 1 Sefton Ave Being Lot _____ D.P. _____ Sec. _____

OWNER: Mr/Mrs B Malloch BUILDER: _____

DRAINLAYER: D MURRAY 56 Fitzroy ST PLUMBER: _____

1. The installation of:

| Fitting | Base-ment | Ground Floor | First Floor | Above First |
|---------------|-----------|--------------|-------------|-------------|
| Bath | | | | |
| Basin | | | | |
| Shower | | | | |
| Sink | | | | |
| Tub | | | | |
| W.C. | | | | |
| Urinal Stall | | | | |
| H.W. Cylinder | | | | |
| TOTAL: | | | | |

2. The construction of:

S.W.
 _____ m 100 mm F/water dr. _____ 100 mm
 _____ m 150 mm " " _____ 150 mm
 _____ m " " _____

3. Does Work Involve a NEW Connection to:

- (a) City Sewerage System YES / NO _____
- (b) City S.W. System YES / NO _____

4. Miscellaneous Work (state details): _____

(special traps, special plumbing fittings etc.)

Estimated value of Drainage \$ 100-00

" " Plumbing \$ _____

TOTAL: \$ 100-00

SIGNATURE

(Builder / Owner / Plumber / D'layer)

DATE: _____

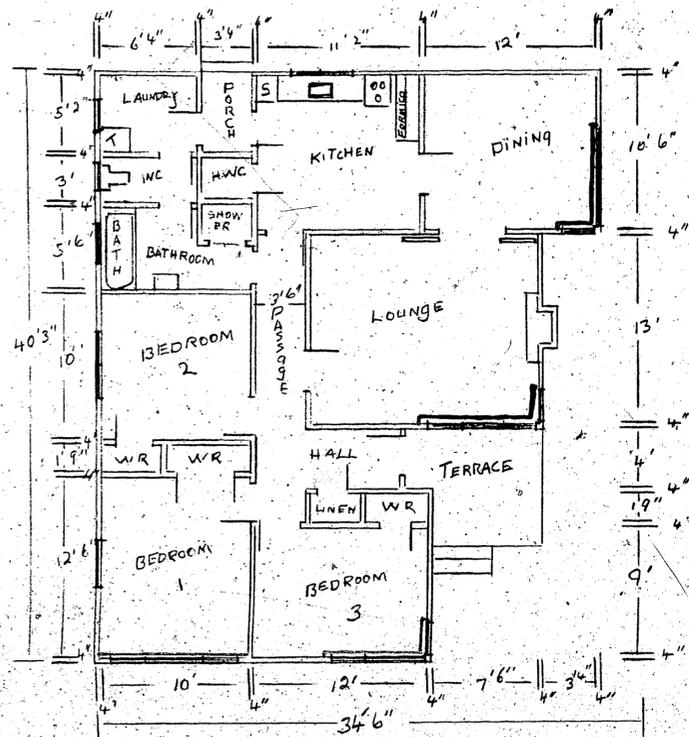
FOR OFFICE USE ONLY

Charge for: _____

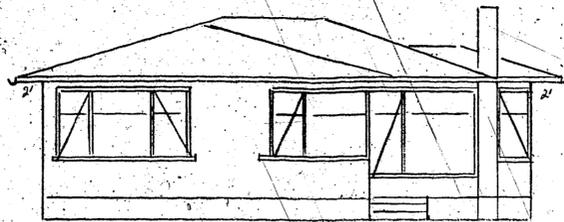
Permit Fees _____

Sewer Lateral / Saddle _____
 S.W. Lateral / Saddle _____
 S.W. Crossing _____
 Water Connection Renewal _____
 Drainage Plumbing 3-00
 TOTAL: _____

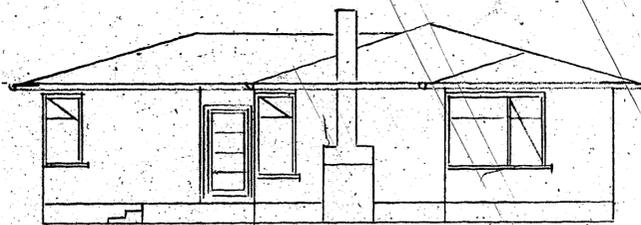
REMARKS:



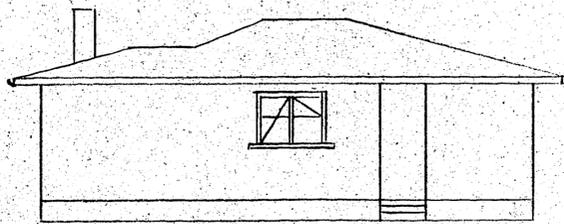
SCALE $\frac{1}{8}$ - 1 FT.



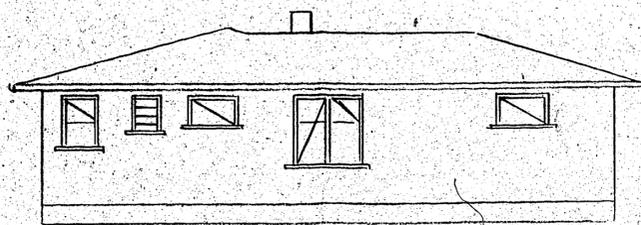
ELEVATION 'A'



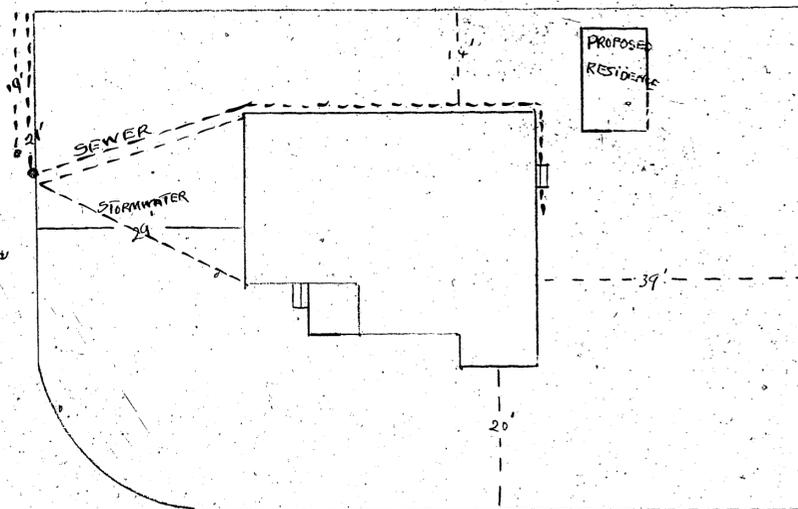
ELEVATION 'B'



ELEVATION 'C'

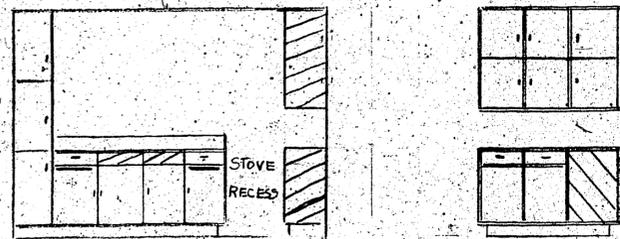


ELEVATION 'D'



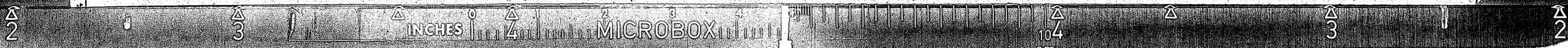
SITE PLAN $\frac{1}{16}$ - 1 FOOT

PROPOSED RESIDENCE FOR MR AND MRS
 B. E. MALLOCK, LOT 67, CNR
 ELLESMERE CRES. AND SEFTON AVE
 PALMERSTON NORTH.



KITCHEN UNITS $\frac{1}{4}$ - 1 FT.

512/1



OK Town Planning

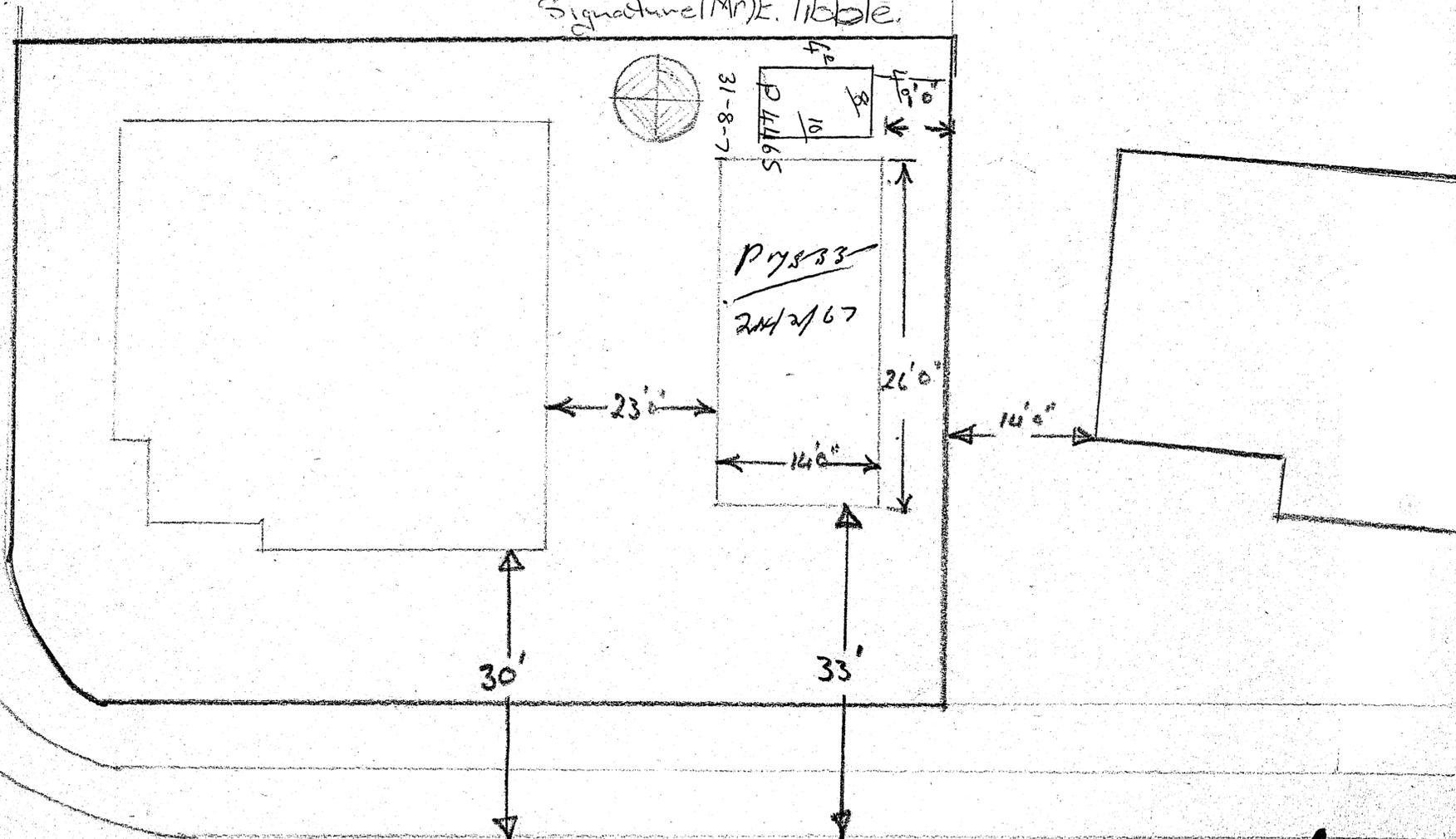
Mudlog

Seen 23 FEB 67.

Owner of 3 Sefton Ave
MR. E. Tibble, Esq. Tibble.

Signature (Mr) E. Tibble.

Fillmore Crd

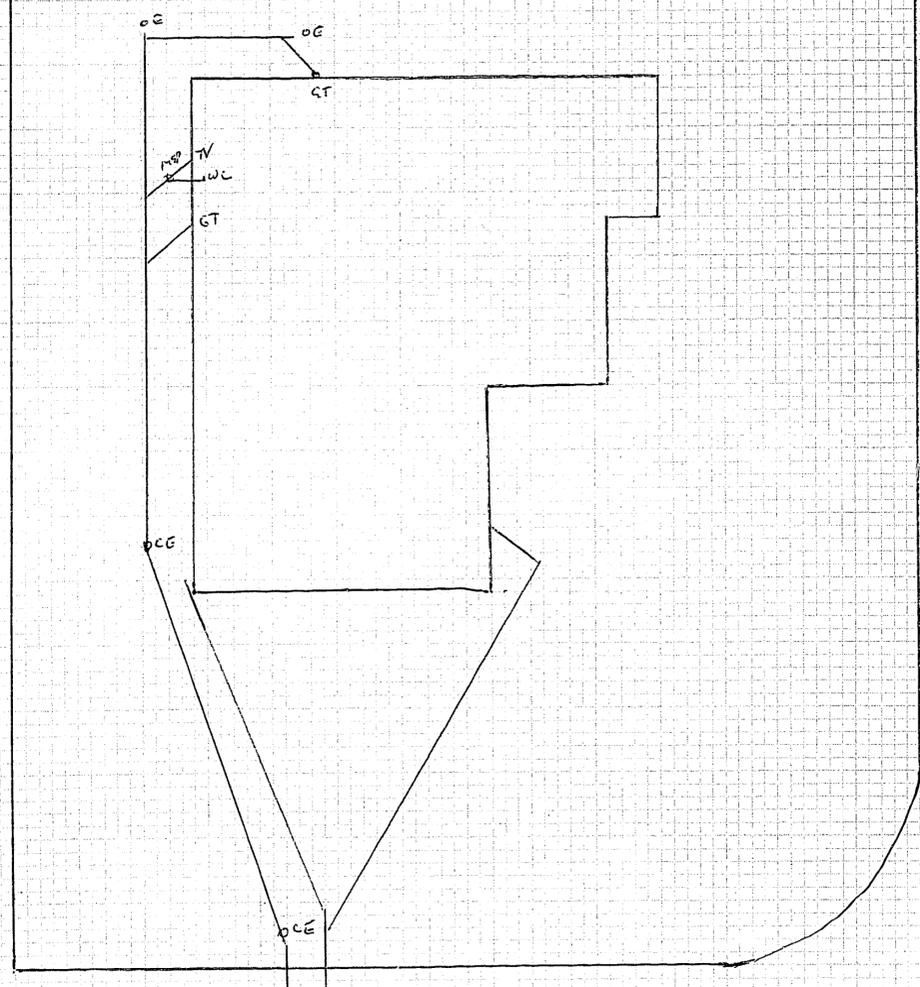


Mr Malloch BE
1 Sefton Ave.

Roadway

Sefton Ave 5/2/1

| | |
|-------------------------------|-------------------------------------|
| STREET: <i>1. Ketter Ave.</i> | BDG. PERMIT No. ... <i>6.2.9.3.</i> |
| LOT No. ... <i>6.7.</i> | DATE DEPOSITED. ... <i>1.6.6.</i> |
| BUILDER: <i>Don King</i> | PERMIT No. ... <i>1087.</i> |
| OWNER: <i>William</i> | INSPECTED BY: ... <i>John</i> |
| DRAIN LAYER: <i>Beattie</i> | DATE COMPLETED: ... <i>2/4/66</i> |



Seton Ave

Ellesmere Ave.

512/1

36033

Application for Code Compliance Certificate



Section 92, Building Act 2004

Please submit to Council only when all inspections have been completed (as identified on the Building Consent)

The Building Consent:

Building Consent number:

36033

Issued by:

[Name of building consent authority that granted building consent, TICK ONE]

Manawatu District Council Palmerston North City Council

Address of work:

1 Selson Avenue
Palmerston North

The Owner: [It is not necessary to complete this section if details have not changed from the Building Consent]

Name of owner:

[include preferred form of address, eg, Mr, Mrs, Miss, Dr if an individual]

Alan & Dee Caterall

Contact person:

[insert n/a if the owner is an individual]

Gavin Edwards
Active Property Maintenance Services

Mailing address:

[if different from address of work above]

P O Box 6042
Awapuni Palmerston North 4445
Phone 06 354 1930
Mobile 021 650 653

Street address/registered office:

Phone numbers

Landline:

Mobile:

Daytime:

After hours:

Active Property Maintenance Services
P O Box 6042
Awapuni Palmerston North 4445
Phone 06 354 1930
Mobile 021 650 653

Facsimile number:

06-354-1938

Email address:

active@xtra.co.nz

Evidence of ownership is attached to this application: [showing full name of legal owner(s) of the building]

[required only if ownership has changed since the application was made]

- Certificate of Title
- Agreement for Sale and Purchase
- Lease
- Other document

The Agent: [Only required if application is being made on behalf of the owner.]

Name of agent:
[eg, Mr, Mrs, Miss, Dr if an individual]

Active Property Maintenance

Contact person:
[insert n/a if the agent is an individual]

Gavin Edwards

Mailing address:

Active Property Maintenance
Services

Street address/registered office:

P O Box 6042
Awapuni Palmerston North 4445
Phone 06 354 1930
Mobile 021 650 653

Phone numbers

Landline:

Active Property Maintenance
Services

Mobile:

P O Box 6042
Awapuni Palmerston North 4445

Daytime:

Phone 06 354 1930
Mobile 021 650 653

After hours:

Facsimile number:

Email address:

aktwoe@xtra.co.nz

Relationship to owner:

Agent

[State details of the authorisation from the owner to make the application on the owner's behalf]

First point of contact for communications with the council/building consent authority:
[Contact details must be in New Zealand]

Gavin Edwards

Full name:

Active Property Maintenance
Services

Mailing address:

P O Box 6042
Awapuni Palmerston North 4445

Phone numbers:

Phone 06 354 1930
Mobile 021 650 653

[Landline]

[Mobile]

Facsimile number:

06-354-1938

Email address

aktwoe@xtra.co.nz

Application:

All building work to be carried out under the above building consent was completed on:
[insert date]

21/11/2013

The Licensed Building Practitioners (LBP) who carried out or supervised the restricted building work is/are as follows:

| Name | Licensing Class | LBP number (or registration # if treated as being licensed under s291 of Building Act 2004) | Particular work carried out or supervised |
|------|-----------------|--|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

The personnel who carried out building work other than restricted building work are as follows:
[List names, addresses, telephone numbers, and (where relevant and if not provided above) LBP numbers or Plumbers, Gasfitters and Drainlayers Board registration numbers]

Note: Continue on another page if necessary

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

Designer/Architect:

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Structural Engineer:

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Engineer (Identify practice college):

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Plumber:

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Builder:

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Drainlayer:

Business/name: _____
 Address: _____
 Daytime: _____ Mobile: _____
 After hours: _____ Facsimile: _____
 Registration/qualification: _____

Head Contractor / Site Manager:

Business/name:
Address:
Daytime: Mobile:
After hours: Facsimile:
Registration/qualification:

Bricklayer:

Business/name:
Address:
Daytime: Mobile:
After hours: Facsimile:
Registration/qualification:

Plasterer:

Business/name:
Address:
Daytime: Mobile:
After hours: Facsimile:
Registration/qualification:

Other:

Business/name: Active Property Maintenance Services
PO Box 6042
Address: Awapuni Palmerston North 4445
Daytime: Phone 06 354 1930
Mobile 021 650 653
After hours: Facsimile:
Registration/qualification: NZHHA 1823

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 [list specified systems]

I request that you issue a code compliance certificate for this work under section 95 of the Building Act 2004.

The code compliance certificate should be sent to:

[state which address, and whether owner or agent]

Agent Active Property Maintenance

Active Property Maintenance Services
PO Box 6042
Awapuni Palmerston North 4445
Phone 06 354 1930
Mobile 021 650 653

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

Name of person signing:

Date:

Edwards
Caion Edwards
26/11/2013

Attachments:

The following documents are attached to this application:
[Tick as applicable]

- Memoranda (Records of Building Work) from LBP(s) stating the restricted building work they carried out or supervised
- Other documents from the personnel who carried out the work
- Certificates that relate to the energy work
- Evidence that specified systems are capable of performing to the performance standards set out in the building consent

Code Compliance Certificate

Section 95, Building Act 2004

The Building

Street address of building: 1 SEFTON AVENUE
PALMERSTON NORTH
Legal description of land where building is located: LOT 67 DP 26239
Level/unit number: 1
Current, lawfully established, use: DWELLING
Year first constructed: 1960'S

The Owner

Name of owner: CATTERALL, ALLAN GRAEME
CATTERALL, DEE PETER ANDREW
Contact person: ACTIVE PROPERTY MAINTENANCE
Mailing address: 1 SEFTON AVENUE
HIGHBURY
PALMERSTON NORTH 4412

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

Contact person: ACTIVE PROPERTY MAINTENANCE
Mailing address: PO BOX 6042
AWAPUNI
PALMERSTON NORTH 4445
Phone number: Landline: 0064 06 3541930
Mobile: 021 650 653
Daytime: 0064 06 3541930
Facsimile number: 06 354 1938
Email address: active@xtra.co.nz

Building Work

Building Consent Number: 36033
Project Description: INSTALL FREESTANDING FIRE
Issued by: PALMERSTON NORTH CITY COUNCIL

Code Compliance

The building consent authority named below is satisfied, on reasonable grounds, that —
(a) the building work complies with the building consent.

Signature:



Name:

GRAHAM WAIT

Position:

TEAM LEADER – INSPECTIONS & COMPLIANCES

On behalf of:

PALMERSTON NORTH CITY COUNCIL

Date:

Application for PIM and/or Building Consent for the Installation of a Solid Fuel Heating Appliance



Section 33 or Section 45, Building Act 2004

Application

I request that you issue a:

Project Information Memorandum

Building Consent

Amendment to existing Building Consent

BC No. 36033

For the building work described in this application [tick one or more as applicable]

Value of the Solid fuel appliance and installation (including Goods And Services Tax) \$ 3500.00

Building

Street address of building: 1 Selton Cres

Legal description of land and where building is located:

Lot: 67

D.P: 26239

Number of levels:

[include ground level and any levels below ground]

1

Current, lawfully established, use:

[include number of occupants per level and use if more than 1]

Private

Year first constructed: [approximate date is acceptable eg: 1920s or 1960-1970]

1960s

Owner

Name of owner:

[eg. Mr, Mrs, Miss, Dr if an individual]

Allan & Dee Catterall

Contact person:

[insert n/a if the applicant is an individual]

Craig Edwards

Mailing address:

Active Property Maintenance Services

P.O. Box 6042

Awapuni Palmerston North 4445

Phone numbers

Landline:

Phone 06 354 1930

Mobile:

Mobile 021 650 653

Email address:

Evidence of ownership is attached to this application:

Certificate of Title

Agreement for Sale and Purchase

Rates Demand

Agent [only required if application is being made on behalf of the owner]

Name of agent: _____

Contact person: Craig Edwards

Street address / registered office: _____

Active Property MaintenanceServices

Phone number: _____

Landline: _____

P.O. Box 6042

Mobile: _____

Awapuni Palmerston North 4445

Facsimile number(s): _____

Phone 06 354 1930

Email address(es): _____

Mobile 021 650 653active@x10.co.nz

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

Craig Edwards 021-650-653

[Contact details must be in New Zealand]

The Project: Installation of the solid fuel heating applianceMake and Model of Appliance being installed: Metro Euro Ped Free Standing InbuiltMetro Eco Euro Ped(without direct vent)Eco/Nelso112019

Is a wetback being installed?

 Yes No**Building Consent Compliance**

The building work will comply with the building code & standard as follows: [if you're not sure about the clauses & standard listed, talk to the BCA or your agent]

| Clause [tick relevant clause number of building code & standards] | Means of compliance [refer to the relevant compliance document(s) or detail or alternative solution in the plans and specification; if not applicable, put n/a] | Waiver/modification required [state nature of waiver or modification of building code required; if not applicable, put n/a] |
|---|--|--|
| <input checked="" type="checkbox"/> B1 Structure (chimney/flues and hearths) | <u>ASI</u> | |
| <input checked="" type="checkbox"/> B2 Durability (maintenance) | <u>ASI</u> | |
| <input checked="" type="checkbox"/> C1 Outbreak of fire (C9 - 9.1.2 seismic restraints) | <u>ASI</u> | |
| <input checked="" type="checkbox"/> E2 External moisture (roof penetration details) | <u>ASI</u> | |
| <input checked="" type="checkbox"/> F7 Warning systems (smoke alarms) | <u>ASI</u> | |
| <input checked="" type="checkbox"/> G12 Water Supplies (plumbing installation) | | |
| <input checked="" type="checkbox"/> NZS 2918:2001 (installation) | <u>ASI</u> | |

Please complete prior to application for Building Consent

| Pre-Application checklist: | <i>(Tick when information is provided)</i> | ✓ | Council Check |
|---|--|-------------------------------------|-------------------------------------|
| a Ministry for the Environment Approved Wood burner. <i>(If site is >2 ha the wood burner does not require Mfe approval)</i> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b Copy of manufacturer's specifications and installation dimensions. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c Clearly specify the appliance to be installed. <i>(Where manufacturers literature contains more than one type of appliance.)</i> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d Copy of the appliance's hearth requirements and installation | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| e Floor penetration details provided (≥2 levels) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| f Floor plan of the dwelling provided showing the location of the proposed fire installation. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| g Location of the smoke detectors shown on floor plan. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| h Roof plan provided showing the flue location. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| i Chimney / flue flashing detail provided. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| j Elevation provided demonstrating the flue height is in accordance with NZS 2918, i.e. <i>Flue to be min of 1000 mm above roof or when situated within 3 m of ridge, height to be min of 600 mm above ridge.</i> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Only complete the following section if applicable

| Where wetback is to be fitted: | ✓ | Council Check |
|--|--------------------------|--------------------------|
| i Location of the hot water cylinder (HWC) shown on floor plan of dwelling. | <input type="checkbox"/> | <input type="checkbox"/> |
| j Type of HWC specified <i>(i.e. low pressure open vented, elephant or combo)</i> | <input type="checkbox"/> | <input type="checkbox"/> |
| k Plumbing specification provided for wetback installation. <i>(i.e. 25mm copper, plumbing pipework schematic including height of cylinder re: wetback)</i> | <input type="checkbox"/> | <input type="checkbox"/> |
| l Tempered hot water provided to showers, baths and wash hand basins. | <input type="checkbox"/> | <input type="checkbox"/> |
| m Name and registration Number of Craftsman Plumber undertaking wetback installation. | <input type="checkbox"/> | <input type="checkbox"/> |

Please ensure all information required in the checklist above is provided at the time of application or your application will not be accepted.

Building Consent No: 36033
Section 51, Building Act 2004

71527 0887/1

The Building

Street Address of building: 1 SEFTON AVENUE
PALMERSTON NORTH

Legal Description of land where building is located: LOT 67 DP 26239

Building Name: N/A

Location of Building within site/block number: N/A

Level/unit number 1

The Owner

Name of owner: CATTERALL, ALLAN GRAEME
CATTERALL, DEE PETER ANDREW

Mailing Address: 1 SEFTON AVENUE
HIGHBURY
PALMERSTON NORTH 4412

First point of contact for communications with the building consent authority: ACTIVE PROPERTY MAINTENANCE
GAVIN EDWARDS

Mailing Address: PO BOX 6042
AWAPUNI
PALMERSTON NORTH 4445

Phone number: day 0064 06 3541930
Cell number: 0064 021 650653
Email address: aktive@xtra.co.nz

Building Work

The following building work is authorised by this building consent:

Project: INSTALL FREESTANDING FIRE

Intended Use: RESIDENTIAL DWELLING

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

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

THIS BUILDING CONSENT IS SUBJECT TO THE FOLLOWING CONDITIONS;

BUILDING ACT 2004, SECTION 90:

Inspections by Building Consent Authorities

Agents authorised by the building consent authority for the purposes of this section are entitled, at all times during normal working hours or while building work is being done, to inspect

- (a) land on which building work is being or is proposed to be carried out; and
- (b) building work that has been or is being carried out on or off the building site; and
- (c) any building.

COMPLIANCE SCHEDULE

A compliance schedule is not required for the building.

Signature:



Name: **CHRIS PARKER**

Position: **BUILDING OFFICER**

On behalf of: **PALMERSTON NORTH CITY COUNCIL**

Date: **20 NOVEMBER 2013**

ENDORSEMENTS – The following items will need to be addressed prior to the issue of the code compliance certificate;

**FREE STANDING FIRES
SOLID FUEL HEATING APPLIANCE:**

Make and Mode Metro Eco Euro Ped
Hearth Requirement Ash floor protector i.e. Ceramic tiles with grouted joints fixed directly to timber flooring or a sheet of toughened glass, panel steel etc. laid directly onto wooden floor or other combustible floor. If laid onto a concrete or non-combustible floor no floor protector is required.

FLUE:

Where loose insulation is in place, the flue in the ceiling space is to be boxed. The Position and height of the flue must be in accordance with NZS2918:2001. Flue must be restrained as per NZS2918:2001 4.10.

SMOKE ALARMS:

Smoke alarms are required to be installed in the building, in accordance with the following:

Smoke alarms must be located on the escape routes on all levels within the household unit. On levels containing sleeping spaces, the smoke alarms shall be located either; in every sleeping space, or within three metres of every sleeping space door. In this case, the smoke alarm must be audible to sleeping occupants on the other side of the closed door. Smoke alarms must be installed on or near the ceiling in accordance with NZS 4514 and the manufacturer's instructions.

THE FOLLOWING INSPECTIONS ARE MANDATORY, FAILURE TO NOTIFY THE PALMERSTON NORTH CITY COUNCIL BUILDING SERVICES SECTION OF ANY OF THE REQUIRED INSPECTIONS WILL RESULT IN A NOTICE TO FIX BEING ISSUED.

| Detail | Date Completed | Time | Name/ Signature | Pass/Fail |
|-----------------------|-----------------------|-------------|----------------------------|------------------|
| 1 x FINAL - FIREPLACE | | | | Pass/Fail |

NOTE: FURTHER INSPECTIONS MAY INCUR ADDITIONAL COST AT TIME OF CODE COMPLIANCE CERTIFICATE ISSUE.

AGREEMENT FOR SALE AND PURCHASE OF REAL ESTATE

This form is approved by the Real Estate Institute of New Zealand Incorporated and by Auckland District Law Society Incorporated.

24.8.2013

DATE:

VENDOR:

Margaret Moreen Knowles, Thomas Anthony Knowles

PURCHASER:

Allan Graeme Catterall, Dee Peter Catterall
and/or nominee:

PROPERTY
 Address: 1 Sefton Avenue, Palmerston North
 Estate: FEE SIMPLE LEASEHOLD STRATUM IN FREEHOLD STRATUM IN LEASEHOLD
 CROSSLEASE(FEE SIMPLE) CROSSLEASE(LEASEHOLD) (if none is deleted fee simple)
 Legal Description:
 Area (more or less): 640m² Lot/Flat/Unit: 67 DP: 26239 Unique Identifier or CT: WN29D/449

PAYMENT OF PURCHASE PRICE
 Purchase price: \$ ~~180,000~~ \$185,000
 Deposit (clause 2.0): 15,000
 Plus GST (if any) OR Inclusive of GST (if any)
 If neither is deleted the purchase price includes GST (if any).
 GST date (refer clause 13.0):
 Balance of purchase price to be paid or satisfied as follows:
 (1) By payment in cleared funds on the settlement date which is 16th October 2013
 OR
 (2) In the manner described in the Further Terms of Sale. Interest rate for late settlement: % p.a.

CONDITIONS (clause 9.0)
 Finance Condition LIM required: Yes/No
 Lender: Building report required: Yes/No
 Amount required: \$ OIA Consent required: Yes/No
 Finance date: Land Act/OIA date:

TENANCIES (if any)
 Name of tenant: Vacant Possession
 Bond: \$ Rent: \$ Term: Right of renewal:

SALE BY:



TEAM MANAWATU REALTY LTD MREINZ LICENSED AGENT REAA 2006

Team Manawatu Realty Limited
 A Member Of The Harcourts Group
 P O Box 860 PALMERSTON NORTH 4440
 Manager: Stuart Pescini

Phone: 06 356 8688
 Fax: 06 356 4038
 Email: palmerstonnorth@harcourts.co.nz

Licensed Real Estate Agent REAA 2008 MREINZ

It is agreed that the vendor sells and the purchaser purchases the property, and the chattels listed in Schedule 1, on the terms set out above and in the General Terms of Sale and any Further Terms of Sale.

D.P. Catterall
 ABC

36033

Flue to Exit Behind Existing Chimney!



PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code



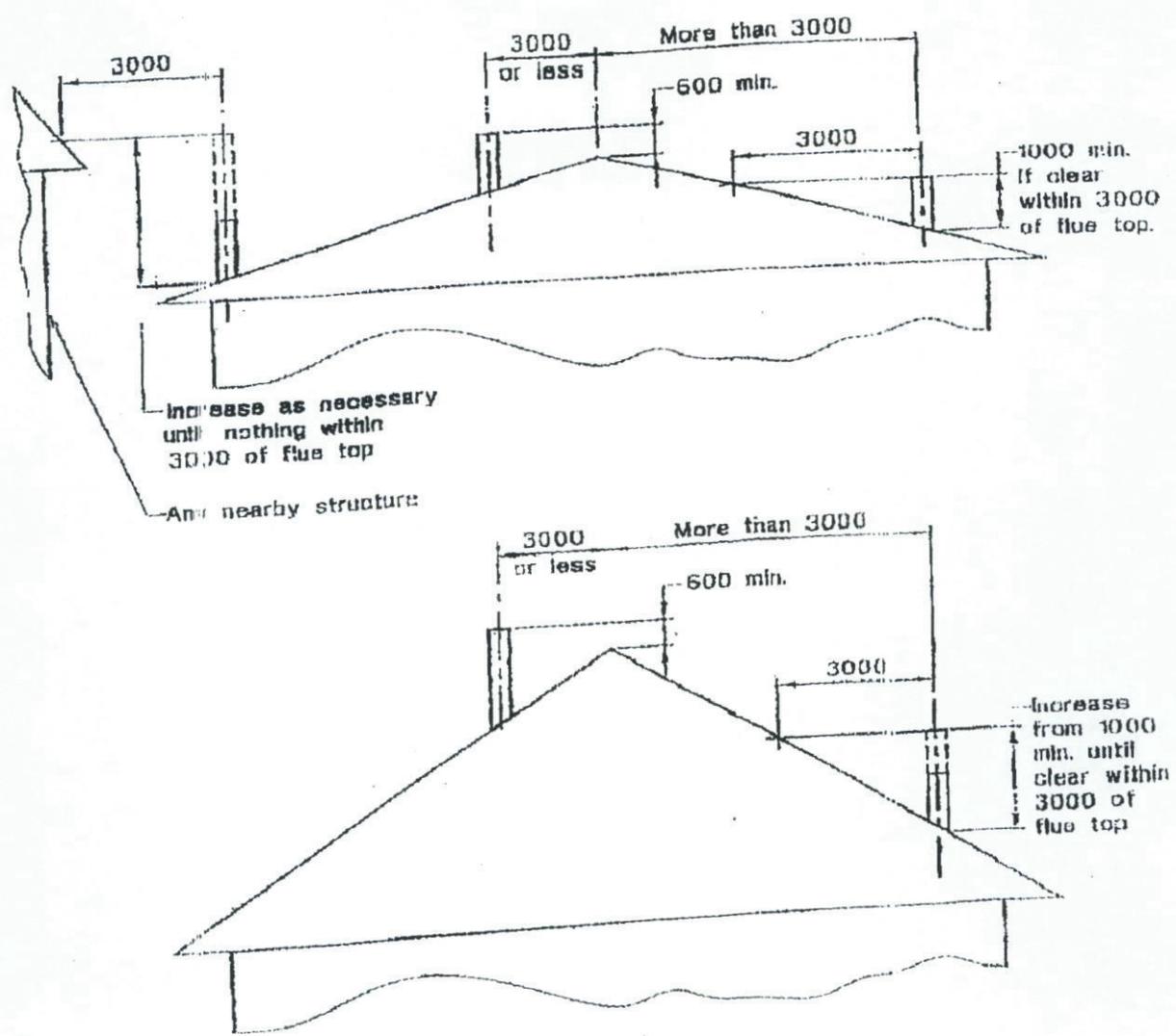
36033

| | | | | | | ECan | Nelson |
|--|--------------|----------|-----|-----|----|--------|--------|
| Metro Ambie One | Freestanding | Dry wood | No | 1.0 | 71 | 120834 | 120834 |
| Metro Ambie Plus (with wetback) | Freestanding | Drywood | Yes | .5 | 67 | 120836 | 120836 |
| Metro Ambie Plus (without wetback) | Freestanding | Drywood | No | .4 | 69 | 120835 | 120835 |
| Metro Eco Euro Ped (with direct vent)* | Freestanding | Dry wood | No | 0.6 | 70 | 112001 | 112001 |
| Metro Eco Euro Ped (without direct vent)* | Freestanding | Dry wood | No | 1.0 | 66 | 112019 | 112019 |
| Metro Eco Euro Rad | Freestanding | Dry wood | No | 0.7 | 72 | 072608 | 072608 |
| Metro Eco Euro Trad* (with direct vent) | Freestanding | Dry wood | No | 0.6 | 70 | 112020 | 112020 |
| Metro Eco Euro Trad* (without direct vent) | Freestanding | Dry wood | No | 1.0 | 66 | 112022 | 112022 |
| Metro Eco Mega Smart | Insert | Dry wood | No | 0.7 | 69 | 110719 | 110719 |
| Metro Eco Mega Smart (Wetback) | Insert | Dry wood | Yes | 0.6 | 66 | 111058 | 111058 |
| Metro Eco Smart (Dryback) | Insert | Dry Wood | No | 0.5 | 68 | 102411 | 102411 |
| Metro Eco Smart (Wetback) | Insert | Dry Wood | Yes | 0.8 | 67 | 102426 | 102426 |
| Metro Eco Tiny Ped | Freestanding | Dry wood | No | NT | NT | 073897 | 073897 |
| Metro Eco Tiny Ped | Freestanding | Dry wood | Yes | NT | NT | 080009 | 080009 |
| Metro Eco Tiny Rad | Freestanding | Dry wood | No | 0.9 | 75 | 072605 | 072605 |
| Metro Eco Tiny Rad | Freestanding | Dry wood | Yes | 0.9 | 67 | 072607 | 072607 |
| Metro Eco Tiny Trad | Freestanding | Dry wood | Yes | 1.0 | 66 | 080008 | 080008 |
| Metro Eco Trad | Insert | Dry wood | No | 0.9 | 65 | 101157 | N0009 |
| Metro Eco Trend | Insert | Dry wood | No | 0.9 | 65 | 101159 | N0008 |
| | Freestanding | Dry wood | No | 0.6 | 68 | 093460 | 093460 |

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

36033

MINIMUM SYSTEM OUTLET



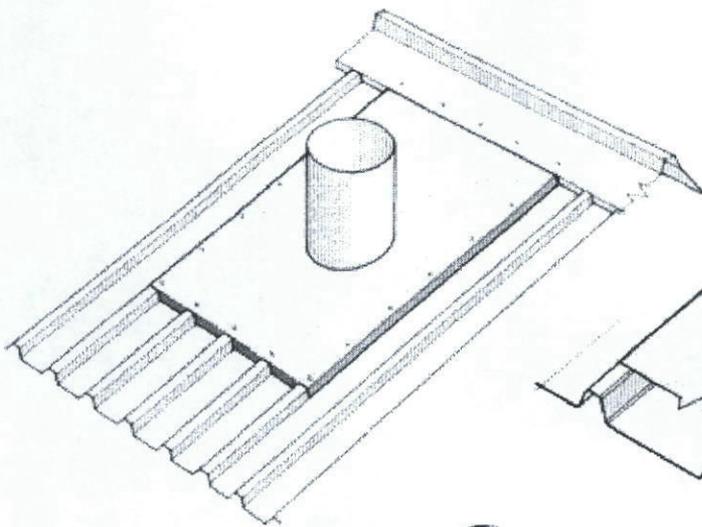
DIMENSIONS IN MILLIMETRES

PNCC APPROVED
 This Building Consent is approved
 as meeting the provisions of the
 Building Code

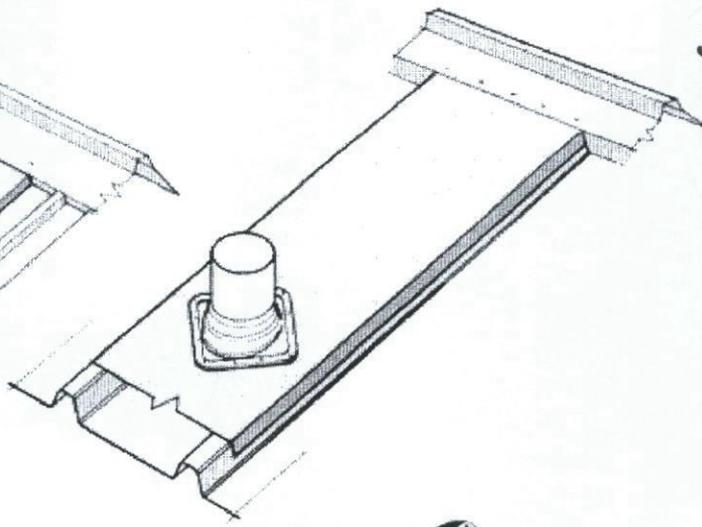
NOTES:

1. The flue pipe shall extend not less than 4.6m above the top of the floor protector.
2. The flue cowl must be at least 600mm above the highest point of the roof if within 3 metres of it, or 1 metre above the roof penetration if more than 3 metres from the ridge.
3. No part of the building, or any adjacent building may be in or above a circular area of a horizontal radius of 3 metres from the flue exit.

36033



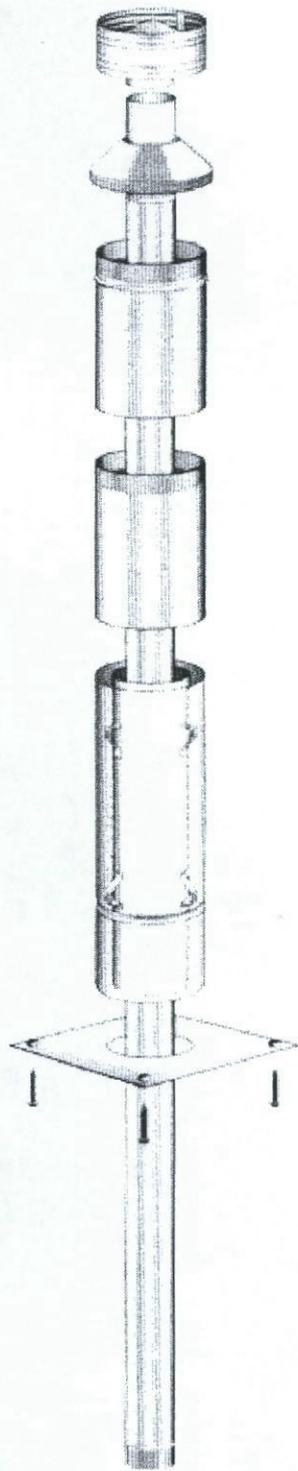
Drawing 6.2.8.A Watershed 



Drawing 6.2.8.B 

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

36033



PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

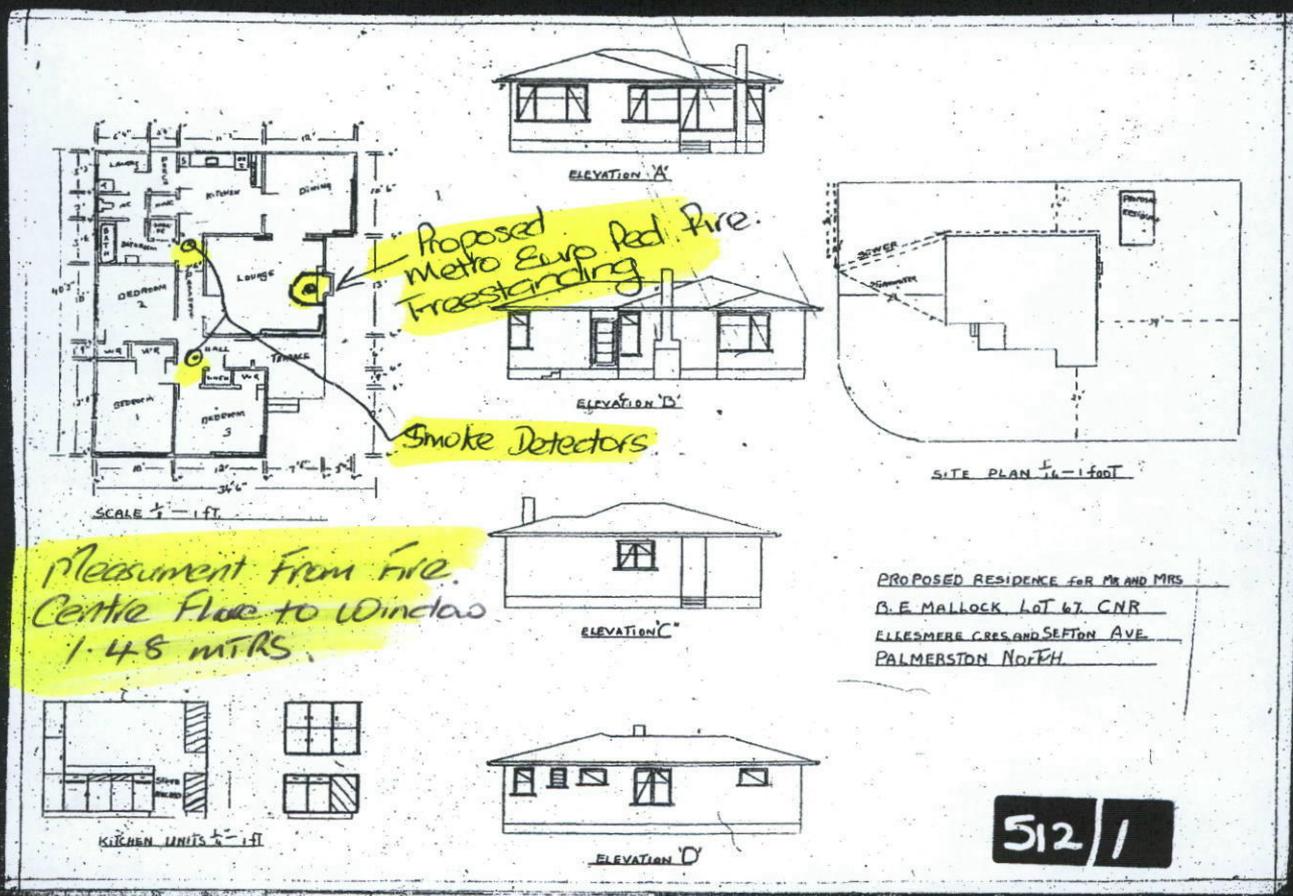
4.2. metre Flue System.

Active Property Maintenance Services Ltd

Supplied & Serviced by

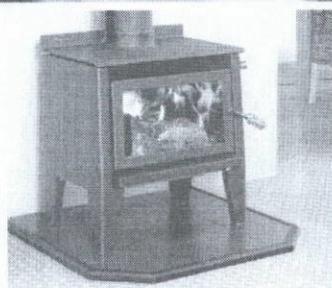
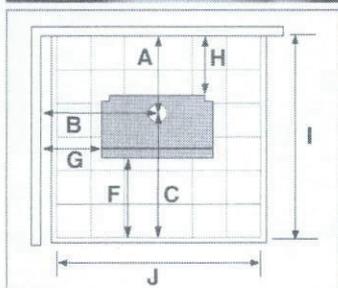
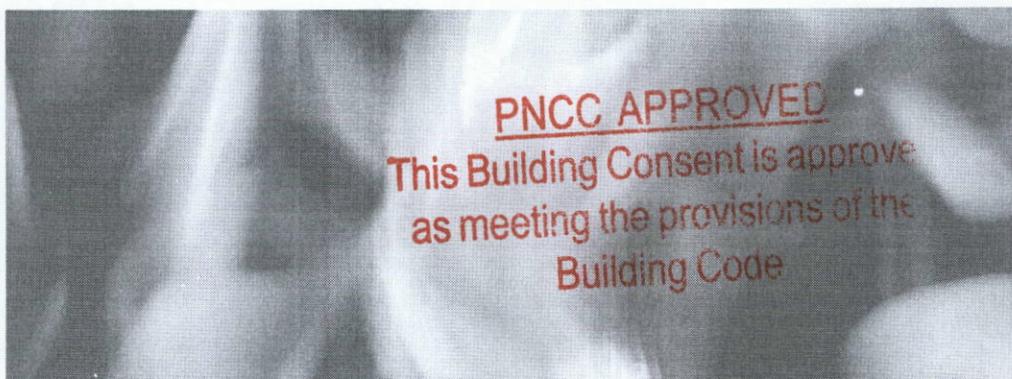
p 06 354 1930
Reserve Road, Longburn
po box 6042, Awapuni
Palmerston North 4445
aktive@xtra.co.nz
www.active-property.co.nz

36033



PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

Wood Fire Installation & Owner's Operation Manual



metrofires

ECO Freestanding Models

- ECO Tiny Ped
- ECO Tiny Rad
- R1
- R2
- Wee Rad
- ECO Wee Ped
- ECO Wee Curve
- ECO Xtreme Ped
- Xtreme Rad
- Xtreme Rad Base
- ECO Euro Rad
- ECO Euro Ped

| | | | |
|--|-----|-------------------------------------|----|
| Installation important information | 2 | Optional wetbacks..... | 9 |
| Assembling your Metro..... | 2-3 | Getting to know your Metro..... | 10 |
| Direct vent option | 4 | Operating your Metro | 10 |
| Floor protector installation | 5 | Cleaning and maintenance | 11 |
| Clearances and specifications | 6 | Troubleshooting..... | 12 |
| Wetback and flue installation | 7 | Metro warranty..... | 13 |
| Operation important information | 8 | Pioneer wood fire accessories | 15 |
| Where to install a Metro in your home..... | 9 | | |

⚠ WARNING! Important Information

- **WE HIGHLY RECOMMEND YOU READ THIS ENTIRE MANUAL AS INCORRECT OPERATION AND/OR LACK OF MAINTENANCE WILL VOID THE WARRANTY**
- **The appliance and flue-system shall be installed in accordance with AS/NZS 2918 and the appropriate requirements of the relevant building code or codes**
- **Any modification of the appliance that has not been approved in writing by the testing authority is considered to be in breach of the approval granted for compliance with AS/NZS 4013**

⚠ CAUTION! Important Information

- **Mixing of appliance or 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 in the first instance.**
- **Do not install a Metro if there is any sign of visible damage**

This Metro wood fire has been tested to and complies with AS/NZS2918:2001 when installed in accordance with this manual. Please ensure you are fully conversant with this relevant standard and the contents of this manual. Correct installation is critical to the safe operation and performance of this wood fire.

Please take particular note of the following:

- It is recommended that Metro's be installed with a Metro ECO flue system which has been developed to enhance the performance of Metro wood fires. Any alternative flue system must have a minimum flue pipe length of 4.2 metres of 150mm diameter flue pipe.
- The 150mm active flue pipe must be fully encased from the ceiling to the underside of the flashing cone at the top of the flue system, (i.e. there must not be any 150mm flue pipe exposed).
- All flue pipe joints must be sealed and riveted. The bottom of the flue pipe in particular **MUST** be fully sealed into the flue outlet of the Metro wood fire.
- In New Zealand, the Metro must be bolted through the floor protector into the floor to comply with the seismic restraint provisions of AS/NZS2918:2001
- All Metro's are extremely heavy, varying in weight from 85kgs up to 150kgs. During the installation process do not lift the appliance by yourself, and take care not to damage the panel coating.

Assembling your Metro wood fire

All Metro wood fires are packed in a single heavy-duty carton, and bolted to a wooden pallet. Having removed the packaging and located this manual, familiarise yourself with the illustrations on pages 2 & 3, and proceed as detailed below.

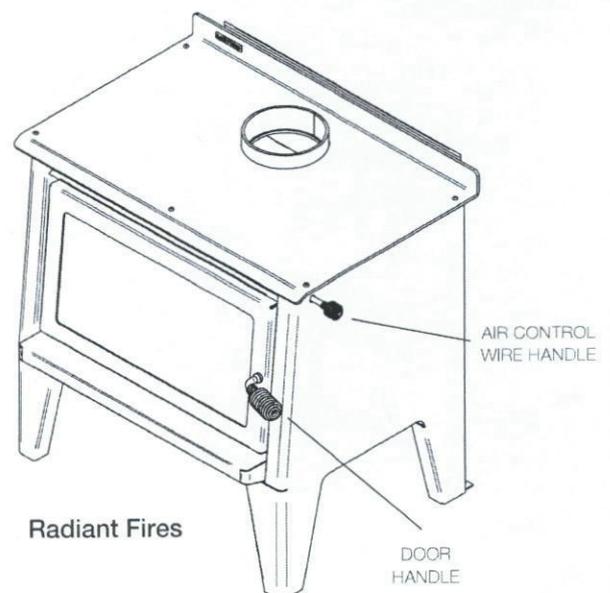
Please note: you should only assemble this wood fire if you are suitably experienced in wood fire assembly and installation.

Note: The Metro carton shows the model Metro you are about to install, enabling you to select the appropriate model's assembly instructions.

Metro Radiant Fires

These Metro's are supplied virtually fully assembled. Packed inside the firebox you will find bricks in a cardboard wrapper, a wire door handle and the air control wire handle.

- Remove the two securing bolts located at the base of each rear leg which secure the Metro to the wooden pallet, and carefully "walk" the Metro off the pallet.
- Open the door fully and fit the side bricks to each side of the firebox. Location lugs are fitted to the base and rear of the firebox to retain the side bricks in position. Refer to Diagram 2.
- Attach the door handle to the door latch assembly by screwing it on clockwise.
- Attach the air control wire handle by screwing it on clockwise.



PNCC APPROVED
 This Building Consent is approved
 as meeting the provisions of the
 Building Code

Assembling your Metro wood fire

Metro Pedestal Fires

To minimise freight damage, the pedestal base has been packaged inside the firebox. Please note: you should only assemble this wood fire if you are suitably experienced in wood fire assembly and installation.

To safely assemble your Metro, please proceed as follows: -

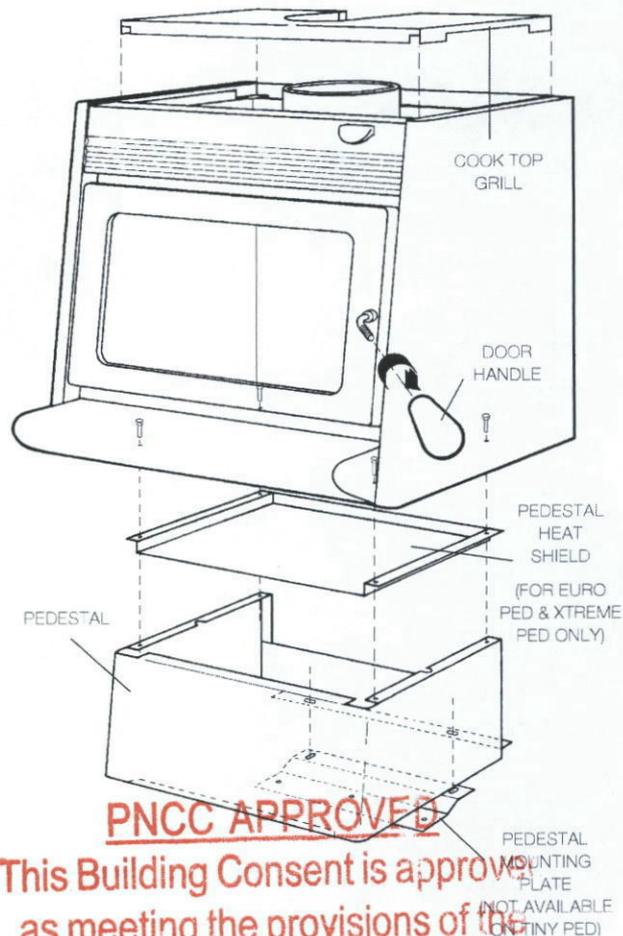
- Safely remove straps by cutting straps with scissors.
- Lift off carton, turn upside down (use to hold all discarded packaging).
- Lift off the top grille and place somewhere safe. Be careful not to chip the enamel coating.
- Open the door 90 degrees and lift the door off the hinge and place somewhere safe. Be careful not to chip the enamel coating.
- Remove the pedestal packed in a cardboard wrap
- Remove the pedestal mount plate
- Remove pedestal heat shield (Xtreme & Euro models only)
- Remove the side bricks, door handle and the bolt bag
- Remove the 2 tek screws at the base of the inside of the firebox that are fixing the wood fire to the pallet.
- It is recommended that 2 people work together with this step. Grab the underneath top of the firebox door opening with one hand, holding the flue spigot with the other, slowly lift the front of the wood fire all the way back and rest the wood fire on it's rear heat shield on the floor. Remove the packaging pallet.
- Xtreme & Euro models only – Fit the pedestal heat shield over the 4 bolts as shown in Diagram 1, with the open edge facing the front of the Metro (up)
- Position the pedestal with its front facing over the 4 bolts and fit the washers and nuts supplied, check to ensure the pedestal is correctly aligned and securely tighten the nuts
- It is recommended that 2 people work together with this step. Grab the flue spigot with one hand and the other hand underneath the top of the firebox door opening, lift upwards standing the wood fire onto it's pedestal.
- Re-fit the door and top grille
- Open the door fully and fit the side bricks to each side of the fire box. Location lugs are fitted to the base and rear of the firebox to retain the side bricks in position. Refer to Diagram 2.

Note: The ECO Tiny Ped model utilises a slightly different pedestal to that detailed in Diagram 1. The rear panel on the pedestal must be turned around with the return fold facing back the opposite way.

All Metro Models

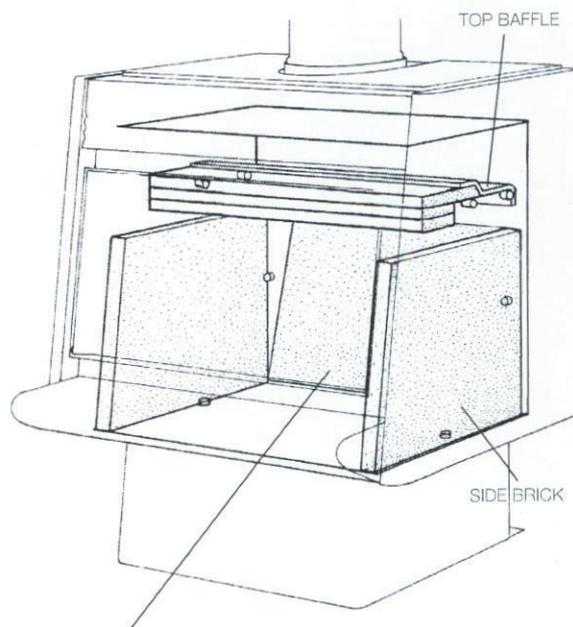
Check to ensure the top baffle is in its correct position in the top chamber of the firebox. It should be resting on four support lugs (two on each side of the firebox). The baffle must be hard back against the rear of the firebox with the "promet extension" (white board) or return front steel edge of the baffle facing forward as illustrated in Diagram 2.

Diagram 1



PNCC APPROVED
 This Building Consent is approved
 as meeting the provisions of the
 Building Code

Diagram 2



Note: The ECO Wee Ped has an additional "3rd brick" which fits to the rear face of the firebox, locating under/into a bracket provided in the middle of the firebox's rear face, under the top baffle.

Direct vent option

The ECO Xtreme Ped, ECO Euro Ped, ECO Wee Curve and ECO Euro Rad models have the option to be installed as "Direct Vent" appliances, thereby drawing all primary and secondary combustion air from outside the home. Once connected, this direct venting option ensures the air that is heated within the home, stays in the home improving efficiency and reducing fuel usage.

Note: Connection of the Metro's direct vent inlet to outside the home is optional. If not connected these Direct Vent models still offer greatly improved performance and lower emissions due to the unique pre-heated air path for all primary and secondary combustion air that these models consume.

Direct Vent Options

Three "Direct Vent kits" are available to connect the ECO DV Metro to an air supply from outside the living environment of the home. The kits available include;

- DV WALL KIT – For installations when the Metro is installed against an outside wall.
- DV FLOOR KIT– For installations onto a floor which has a free air supply below it.
- DV CEILING KIT– For installations when the Metro is installed against an internal wall and on a concrete floor

(DV Ceiling kit goes into the wall cavity, then up inside the wall into the ceiling cavity, where the air supply is drawn from)

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

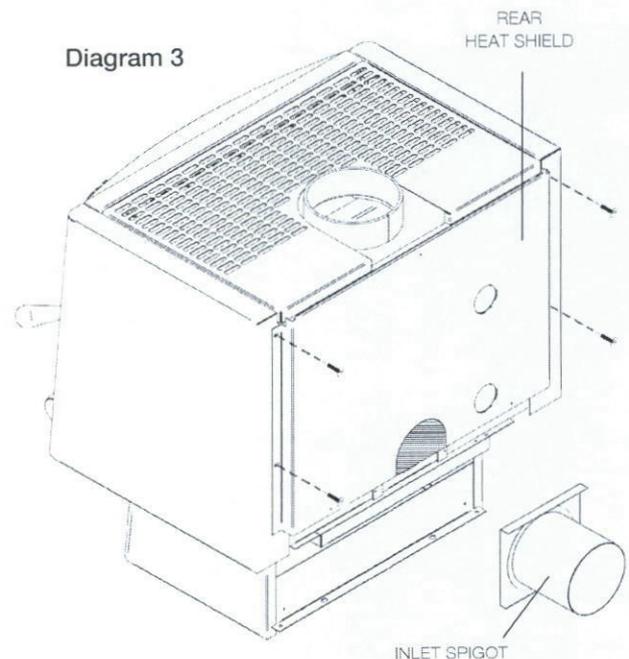
Installing the Direct Vent Option

Remove the rear heatshield from the Metro wood fire by unscrewing the four self tapping screws illustrated in Diagram 3 and proceed as follows;

1. Remove the section of panel illustrated with a "hatch", from the mid/bottom section of the rear heatshield. This section to be removed has been pre-punched and only requires a few small tabs to be cut.
2. Take the "inlet spigot" supplied in the "Direct Vent kit" and slide it fully down into position into the brackets provided on the rear of the firebox.
3. Replace the Metro's rear heatshield with the four screws previously removed.

The Metro wood fire is now ready for installation once you have pre-fitted the Direct Vent kit into the wall or floor. Full instructions for this procedure are supplied with the Direct Vent kits.

Diagram 3



Floor protector size, construction & fitting

Pioneer manufacture an extensive range of what Pioneer term "Ash Floor Protectors" which comply with the minimum floor protector requirement of AS/NZS 2918:2001, and can be installed with any freestanding Metro wood fire.

Metro freestanding wood fires do not require an insulated floor protector as they comply with the minimum floor protector requirements of AS/NZS 2918:2001. These minimum floor protector requirements are;

- They must be of adequate size to give appropriate wall, rear and front clearances/projections as detailed below and in the chart illustrated on page 6. Note;
 - The floor protector must extend 200mm horizontally to the rear and each side directly below the door opening, and 300mm forward of the door opening.
 - The upper surface of the floor protector must be made of non combustible material.
- A suitable floor protector for a Metro freestanding wood fire is therefore any non-combustible material which could include;
 - Ceramic tiles with grouted joints fixed directly to timber flooring.
 - A sheet of toughened glass, panel steel etc. laid directly onto a wooden or other combustible floor.

Note: If being installed onto a concrete or non-combustible floor a floor protector is not required.

Metro Radiant Series

Lift the Metro onto the floor protector and using a tape measure to ensure that the minimum wall clearances and front floor protector projections as detailed in the chart on page 6 are met or exceeded. Once the Metro's location on the floor protector is established and if the installation is in New Zealand, seismic restraint is required.

Using masonry anchors if the floor protector is on a concrete floor or coach bolts if a wooden floor, secure through the holes provided at the base, behind both rear legs.

Note: the anchors must pass through the floor protector and securely anchor the Metro to the floor.

Metro Pedestal Series

These models (excluding the ECO Tiny Ped) are supplied with a "pedestal mounting plate". Refer to Diagram 1 on page 3. Place the mounting plate on the floor protector with the two slots at the rear. A flue centre hole is marked on this plate and a chart is attached enabling you to locate the position of the Metro without placing the Metro onto the floor protector. Once the location of this mounting plate is established, secure it through the floor protector into the floor using a minimum of two of the four holes provided, diagonally opposite each other.

Use masonry anchors if the floor protector is on a concrete floor or coach bolts if a wooden floor.

Note: The anchors must pass through the floor protector and securely anchor the Metro to the floor.

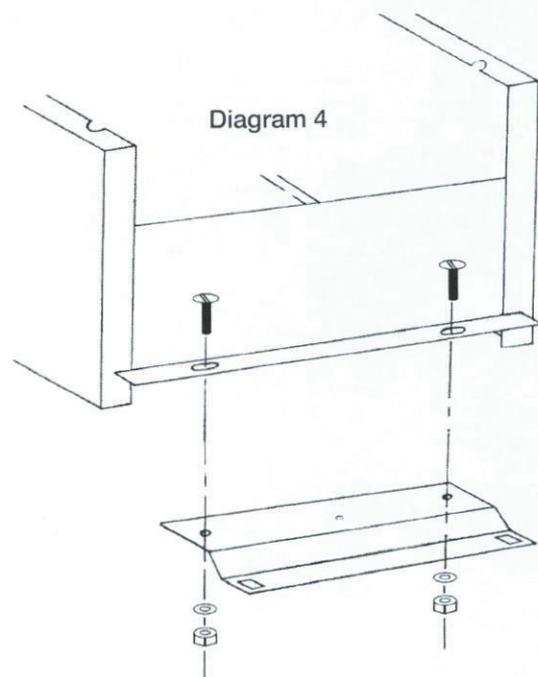
Alternative Metro Mount Plate Installation

For installations when it is desirable to position the assembled Metro prior to bolting down, it is possible to "invert" the mounting plate and use it as a means of bolting the Metro directly to the floor, through the floor protector. Refer to Diagram 4 and note;

1. Rotate the mount plate 180 degrees so the label faces downwards.
2. Remove the two "slide nuts" from the rear face of the mount plate.
3. Secure the mount plate to the pedestal with 6mm bolts through holes provided as illustrated.

You can then bolt down the Metro through the two rectangular slots in the rear edge of the mount plate. These slots are more accessible than bolting direct through the pedestal, and it also eliminates the need for spacers.

*Hearth, Layer,
Tile & Slate underlay
with 10mm Ceramic,
Tiles over.*



PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

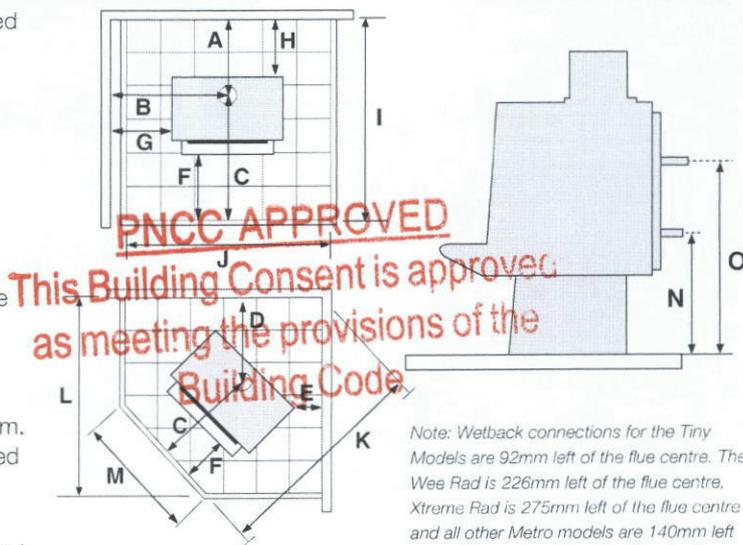
Clearance chart

Measurements listed below are the minimum required, stated in millimetres. Measurements are taken from the following reference points as illustrated:

- From the nearest combustible wall or surface (A, B, D, E, G, H)
- From the Metro's flue centre (A, B, C, D)
- From the outermost point of the Metro's cabinet construction (E, F, G, H)
- To the edge of the ash floor protectors non-combustible surface (C, F, I, J, K, L, M)

The Metro ECO Euro Ped & ECO Xtreme Ped installed with a "Pioneer Double Flue Shield with side extensions fitted" reduces minimum corner clearance E from 170mm to 110mm. In this situation use the LTD Euro Ped chart for ECO Euro Ped measurements E, D, K & L.

Note: If you are installing any of the above wood fires onto a Pioneer 1150 corner floor protector the flue shield side extensions MUST be fitted. The Metro Wee Rad corner clearance can be reduced by fitting specific Wee Rad corner shields. See chart below for clearances.



Note: Wetback connections for the Tiny Models are 92mm left of the flue centre. The Wee Rad is 226mm left of the flue centre. Xtreme Rad is 275mm left of the flue centre and all other Metro models are 140mm left of the flue centre facing the Metro/wall.

Metro installation clearances (Minimum clearances shown are in mm, with a Pioneer double flue shield fitted)

| Model | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| ECO Tiny Rad | 225 | 552 | 580 | 420 | 150 | 200 | 300 | 75 | 805 | 650 | 1165 | 925 | 250 |
| ECO Tiny Pec | 210 | 430 | 580 | 290 | 25 | 200 | 185 | 60 | 790 | 650 | 990 | 875 | 250 |
| R1 | 243 | 774 | 586 | 554 | 280 | 244 | 530 | 100 | 829 | 825 | 1370 | 1118 | 425 |
| R2 | 246 | 858 | 626 | 582 | 275 | 235 | 570 | 100 | 872 | 905 | 1449 | 1203 | 505 |
| Wee Rad | 243 | 568 | 580 | 455 | 150 | 230 | 260 | 100 | 823 | 825 | 1224 | 1015 | 425 |
| Wee Rad (Corner shields fitted) | 243 | 568 | 580 | 425 | 120 | 230 | 260 | 100 | 823 | 825 | 1180 | 985 | 425 |
| ECO Wee Ped | 260 | 595 | 580 | 385 | 85 | 200 | 300 | 110 | 840 | 825 | 1120 | 950 | 425 |
| ECO Wee Curve | 300 | 555 | 580 | 405 | 100 | 200 | 250 | 150 | 880 | 825 | 1150 | 975 | 425 |
| Xtreme Rad | 251 | 650 | 630 | 458 | 100 | 227 | 280 | 100 | 881 | 907 | 1277 | 1077 | 507 |
| Xtreme Rad Base | 251 | 650 | 630 | 458 | 100 | 227 | 280 | 100 | 881 | 907 | 1277 | 1077 | 507 |
| ECO Xtreme Ped | 230 | 585 | 625 | 495 | 170 | 200 | 250 | 80 | 855 | 905 | 1325 | 1120 | 505 |
| ECO Euro Rad | 250 | 625 | 625 | 435 | 80 | 200 | 250 | 100 | 875 | 905 | 1240 | 1065 | 505 |
| ECO Euro Ped | 230 | 585 | 625 | 495 | 170 | 200 | 250 | 80 | 855 | 905 | 1325 | 1120 | 505 |

Metro specifications (Measurements shown are in mm)

| Model | WIDTH | DEPTH | HEIGHT | N | O |
|-----------------|-------|-------|--------|-----|-----|
| ECO Tiny Rad | 505 | 530 | 665 | 280 | 470 |
| ECO Tiny Ped | 490 | 530 | 665 | 280 | 470 |
| R1 | 488 | 485 | 668 | N/A | N/A |
| R2 | 575 | 537 | 690 | N/A | N/A |
| Wee Rad | 615 | 498 | 688 | 295 | 485 |
| ECO Wee Ped | 590 | 530 | 665 | 295 | 485 |
| ECO Wee Curve | 607 | 530 | 665 | 280 | 470 |
| Xtreme Rad | 740 | 554 | 743 | 349 | 539 |
| Xtreme Rad Base | 740 | 554 | 743 | 349 | 539 |
| ECO Xtreme Ped | 670 | 575 | 715 | 325 | 515 |
| ECO Euro Rad | 750 | 575 | 745 | 338 | 528 |
| ECO Euro Ped | 670 | 575 | 715 | 325 | 515 |
| ECO Euro Trad | 670 | 575 | 715 | 325 | 515 |

Wetbacks

⚠ WARNING! Important Information

- Do not connect to an unvented hot water system.
- Install in accordance with AS 3500.4.1 or NZS 4603 and the appropriate requirements of the relevant building code or codes.

Wetbacks

If the home is in a classified "clean air zone", and dependent on requirements/restrictions which may be imposed by your local council, you may or may not be able to install a water heating device. If in doubt consult your local Metro retailer. Only Pioneer's cast jacket wetback system should be fitted to a Metro; alternative wetbacks will void the Metro's emission approvals and may seriously affect the performance of the appliance and void the owner's warranty.

Note; Wetback systems are not suitable for use in locations where the water supply has lime content, lime build up inside the coil will eventually block the coil causing the wetback to fail.

The wetback is fitted to the inside rear of the firebox, with the connection pipe heights illustrated and detailed on the previous page 6. Please note:

- Wetback connections for the Tiny models are 92mm left of the flue centre. The Wee Rad is 226mm and Xtreme Rad is 275mm left of the flue centre. All other Metro models are 140mm left of the flue centre, facing the Metro/wall; the return pipe connection is directly above the inlet connection.
- The Wee Rad, Xtreme Rad & Xtreme Rad Base wetback position is to the outside left hand side wall. See specific instruction in the 'Rad Wetback' box for these appliances.
- Reduced height pedestals are available for certain models to reduce wetback connection heights.

- It is recommended the return pipe has a minimum rise of 1 in 12; performance will reduce as the distance to the storage cylinder increases.

To fit the wetback proceed as follows: (Unless Wee or Xtreme Rad models, then please follow instructions in the wetback box)

1. Remove the rear panel of the Metro by removing the four pozi drive screws. Remove the two pre-punched knockouts from this panel.
2. Two further knockouts will be visible on the inner rear heatshield; remove these also. Once these are removed 6mm nuts will be visible through the knockout holes.
3. Open the Metro's door and locate two bolts securing the pressed washers which are visible on the left hand side of the firebox for both inlet and outlet connection points.
4. A further three bolt heads will also be visible on the inside rear wall of the firebox; these are threaded into the 6mm thick firebox. Remove all three.
5. Using the tube of sealant supplied with the wetback, apply a liberal bead of sealant around both the two connection pipes and also the outer circumference of the wetback which will face the inside rear wall of the firebox. This will completely seal the wetback to the inside rear wall of the fire on installation.
6. Fit the wetback into the firebox and carefully pass the connection pipes through the holes in the rear of the firebox. Securely attach the wetback using the three bolts previously removed from the rear face of the firebox, fitting them through the slots provided in the wetback's jacket.
7. The wetback is now ready for connection to the storage cylinder by a registered plumber.

Flue installation

It is recommended that all Metro freestanding wood fires be installed with the energy efficient Metro ECO flue system which comes complete with a detailed installation manual. This installation manual must be presented with your application to gain consent with your local council.

A copy of the installation manual can be downloaded from www.metrofires.co.nz, under Flue Systems, or a copy can be obtained from your Metro retailer. Any alternative flue system must comply with and be installed as detailed in AS/NZS 2918:2001, and a copy of the installation manual must also be presented with your application to gain consent with your local council.

All Metro's require a 150mm diameter flue. Please note:

- All joints in the flue pipe must be sealed with Pioneer fire cement (or similar) and riveted.



- The base of the flue pipe must be sealed into the outlet of the Metro's flue stub. This is critical for optimum operation.
- Refer "Important Information" on page 2.
- The flue systems 150mm diameter flue pipe must terminate a minimum of 4.6 metres above the top surface of the floor protector.

Pioneer Flueshield

All Metro's have been tested with a Pioneer double flue mounted shield. For the Metro to be installed with minimal clearances as the clearance chart states, only the Pioneer double mounted flue shield can be used. All other flue shields will invalidate the installation.

The Metro can be installed without a flue shield, if this is the case it needs to be installed as AS/NZS 2918:2001 stipulates.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

WARNING! Important Information

- WE HIGHLY RECOMMEND YOU READ THIS ENTIRE MANUAL AS INCORRECT OPERATION AND/OR LACK OF MAINTENANCE WILL VOID THE WARRANTY
- Any modification of the appliance that has not been approved in writing by the testing authority is considered as breaching AS/NZS 4013
- Do not use flammable liquids or aerosols in the vicinity of this appliance when it is operating
- Never operate your Metro with the top grill removed
- Do not use flammable liquids or aerosols to start or rekindle the fire
- Never operate your Metro with the door ajar, except on initial start up
- Do not store fuel within the Metro's specified installation clearances
- Do not dry clothes on or near this appliance
- Open the air control before opening the Metro's door

CAUTION! Important Information

- This appliance should be maintained & operated at all times in accordance with this instruction manual
- This appliance should not be operated with cracked door glass, over worn, faulty or missing door seals
- Do not use driftwood, treated or unseasoned (wet) fuel, the use of most types of preservative treated wood as fuel can be hazardous
- Do not empty ash into a combustible container

Congratulations on the purchase of your Metro wood fire

This low-emission, slow combustion appliance is designed to give you many years of warmth and service, subject to the following key factors. These key factors, if not adhered to are the major causes of unsafe installation, poor performance and flue blockages and product failure.

1. Your Metro wood fire must be installed correctly. Metro recommend a competent and suitably qualified installer.
2. The only fuel to be used in this appliance shall be wood that meets the following criteria.
 - Less than 25% moisture,
 - Has not been treated with preservatives or impregnated with chemicals or glue,
 - Is not chipboard, particle board, or laminated board, and
 - Is not painted, stained or oiled
3. The appliance shall be operated at all times in accordance with the "Installation and Operating Instructions" supplied with each appliance.
4. Metro's should only be installed with Metro ECO Flue Systems.
5. Coal must not be used as a fuel.

Please also note the following important points:

- In New Zealand a building consent is required from your local building authority. The homeowner is responsible for obtaining this consent.
- As correct installation is critical to the performance and safe operation of your Metro, it is recommended your Metro be installed by a registered installer or a person suitably qualified in the installation of wood fires. Your Metro retailer will be able to arrange professional installation for you.
- During the very first fire your Metro will give off an odour and fumes as the firebox paint cures. Do not be alarmed; open all windows and externally opening doors in that room and close any internally opening doors. This curing

process will last for approximately one hour and is likely to happen this one time.

- Properly seasoned (dry) timber is necessary for the Metro to operate efficiently; firewood that contains a high moisture content will result in flue pipe blockages and reduce the heat output.

Note: Softwood usually takes 12 months to season - Hardwood can take up to 24 months to season - Wood must be stored in a location that enables air circulation. Unseasoned wood stored in a closed woodshed without air circulation will still be unseasoned 12 months later.

- It is critical that the fire not be operated with over worn, faulty or missing door seals. Door seals will harden over time and become over-worn (3-4 year's) this will cause air to leak into the fire, causing the appliance to 'over fire'.
- It is critical that the fire not be operated with over worn, faulty or missing bricks, baffle plate, baffle extension (white board on the baffle plate)
- It is critical that the fire not be operated with cracked, or broken door glass.

Please note, the above 3 points require regular inspection/maintenance (every time the ash bed is cleaned out, generally 3-5 times a season) and if not maintained will void the firebox warranty. Please ensure you keep your proof of purchase/receipt on any parts you buy.

- For optimum performance fuel must be loaded so the logs lay "front to rear" in preference to laying across the width of the firebox. Spaces should be left between the logs to enable oxygen to get to as much of the surface of the fuel as possible.
- A small hot fire loaded frequently is more efficient than a large fire burning on a low setting.
- Your Metro is covered by a full unconditional 12 month warranty on replacement parts, and a 10 year firebox warranty. See page 16 for warranty conditions.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

Where to install a Metro wood fire in your home

Wood fires are usually installed in the main living area, which is the section of the home that is usually kept the warmest, being the area in the home most frequently occupied. However, before deciding on the best location for your Metro wood fire you may wish to consider:

- Water heating. If you are intending to have a wetback it is important that the wood fire is as close as practically possible to the water storage cylinder.
- Split level homes are best heated when the wood fire is installed on the lower level, as the heated air will rise to the higher levels.
- Building construction is another consideration. Specified clearances from walls, curtains etc must be maintained

and you need to ensure no structural beams or internal gutters etc are directly above your preferred site. If you have a two storey dwelling you need to consider the second storey to ensure you don't have the flue directly outside a second storey window.

Generally, you can install your Metro in your home anywhere that suits you; Pioneer offer various fan systems to transfer heat to sections of the home that are not heated sufficiently. It is necessary if using a fan system that the Metro you have purchased has sufficient output to heat the total area you wish to heat. Your Metro retailer or installer will be able to advise if you are uncertain.

Optional wetbacks

If your home is in a classified "clean air zone", and dependent on requirements/restrictions which may be imposed by your local territorial authority (council) you may or may not be able to install a water heating device. If in doubt consult your local Metro retailer.

Water heating is another key feature of your Metro wood fire, and on offer are a number of options depending on the model you have purchased. Metro offer a 2kW wetback suitable for the Tiny Rad and Tiny Ped. All other ECO Metro's can be fitted with the ECO wetback or Rad wetback in Wee Rad, Xtreme Rad & Xtreme Rad Base. R1 and R2 models cannot be fitted with a wetback.

Note: Wetbacks are not suitable for use in locations where the water supply has lime content. Lime build up inside the coil will eventually block the coil causing the wetback to fail.

Other considerations are:

- Distance from your Metro to the storage cylinder will affect the amount of hot water produced.
- Your climate & the manner in which you will 'fire' your Metro.

Cost Savings

Wetbacks can enable substantial power savings, dependent on the climate in the area in which you live. If you live in a cold climate you are likely to use your Metro for many months of the year, in which case a Pioneer wetback will reduce or even eliminate your water heating costs over those months. If however you live in a warmer climate and use your Metro for only a few hours a day over the colder months, electricity savings will be considerably less.

Water Pressure

A common misconception is that you must have a low-pressure system to have a wetback; this is not true. You must have a "vented" system and high-pressure cylinders are usually not vented. However you can install an "indirect" cylinder which contains a secondary coil inside the storage cylinder, enabling you to have a wetback while retaining a high-pressure system.

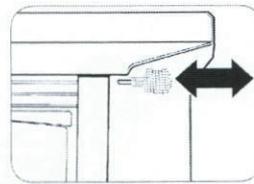
PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

Getting to know your Metro wood fire

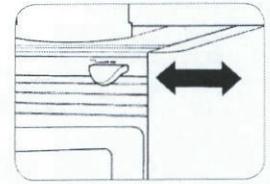
Operating your Metro wood fire is simple and you will quickly learn how to get the best from it. First take a minute to familiarise yourself with your new Metro.

- Raise the door handle anticlockwise until the latch releases, then slowly pull the door open. You will note that if you let the door go before it is at 90° to the appliance, it will fall closed. This is a safety feature that ensures the door cannot fall open if it is not latched securely. For the door to remain open, you must open it fully.
- There is a single air control making your Metro easy to adjust. This control moves from left to right, which is "low to high".

The Metro Radiant Series have a wire air control handle located at the upper right hand side of the appliance. Simply pull out to increase burn rate or push in to reduce burn rate.



RADIANT SERIES AIR CONTROL



ALL OTHER SERIES AIR CONTROL

All other model Metro's have an air control knob located on the upper front of the appliance.

Slide this control knob gently from right to left until you reach a stop. This is a pre-set "low" position. Your Metro must not be operated at a lower burn rate than this pre-set low allows.

Operating your Metro wood fire

If your Metro has only been installed within the past few days, the fire cement seal at the base of the flue will not be fully cured. To ensure the cement sets without blistering it is recommended you burn 2-3 sheets of loosely crumpled newspaper at a time, approximately once every hour over a 6-8 hour period.

During the very first fire your Metro will give off an odour and fumes as the firebox paint cures. Do not be alarmed. Open all windows and externally opening doors in that room and close any internally opening doors. This curing process will last for approximately one hour and is likely to happen this one time.

Start up

Place a quantity of loosely crumpled newspaper on the base of the firebox until it is approximately 50% full of paper, or place firelighters on the base of the firebox. Add dry kindling and move the air control knob fully to the right, being the "full open" position.

Light the paper at two or three locations across the front of the door opening and leave the door slightly ajar resting on the latch pin if necessary for a few minutes while the fire establishes. Once the kindling is burning well, open the door and add 2-3 small logs at a time until you have a well-established fire. Usually this will take approximately 30 minutes, during which time the air control should be set on "high" and the door should be closed, except for the initial few minutes and when fuel is being added.

Normal operation

Once the fire is well established, regulate the air control to achieve the desired burn rate and heat output. As you move the air control to the right, burn rate, firebox temperature and heat output will increase, if you move the control to the left they will decrease.

Note:

- Always open the air control fully prior to opening the door, then open the door slowly.
- When loading logs, place them end-on, "front to back"; air spaces should be left between the logs to enable oxygen to get to as much of the surface of the fuel as possible.
- Every time you refuel, leave the air control on "high" for a minimum of 20-25 minutes.
- Never use the door to force wood into the firebox, as this is likely to break the glass.

Cooking

All Metro's are designed to enable cooking of soups, stews and casseroles etc, and your Metro will easily boil a flat bottom stainless steel kettle. The Radiant Series have a dedicated cooking top enabling large pots to be placed on the cook top, while all other models have a lift-off grille.

Note: Metro's supplied with a lift-off top grille have this feature to enable the grille to be removed for cleaning if you have a spill. The lift-off top grille must be left on when cooking, because if removed the wall temperatures next to the appliance may become excessive and the top of the firebox is generally too hot to cook on directly. Please note: Although very durable, Metro's in a satin stainless look are not recommended to be used to cook on.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

Cleaning and maintenance for your Metro wood fire

The Radiant Series and the Wee & Xtreme Ped painted wood fires are coated with "Pioneer Metallic Black" high temperature paint and will require periodic repainting.

All other model Metro's are coated with either;

- Vitreous enamel is extremely durable and designed to last the life of the appliance. As vitreous enamel is glass, a solid or heavy object dropped or banged against a panel could chip the enamel surface.
- Selected model Metro's are offered in a stainless steel look. Although very durable it is not recommended that Metro's with this finish be used to cook on.

All model Metro's can be cleaned with a damp cloth when the appliance is not operating.

Door glass

Providing your fuel is properly seasoned, under normal operating conditions the air-wash design of the Metro's firebox will keep the door glass clear. If the glass requires cleaning you may use either a razor blade scraper or an oven cleaner.

If your door glass breaks it must be replaced with 5mm thick ceramic glass which is available from your local Metro retailer.

Door seals

Over time, usually 3-4 years, the door and glass seals will become hard and cause air to leak into the firebox, causing the appliance to 'over fire'. Your Metro retailer stocks replacement woven fibreglass door and glass seals, which need replacing when they become hard and over worn.

The door of your Metro is easily removed. Hold it in both hands and lift the hinge end of the door up and over the top hinge pin, then lower the door from the bottom hinge pin.

Side bricks

Hair-line cracks are not uncommon and are a result of the intense heat within the Metro's firebox, coupled with mechanical damage caused by accidental impact when fuel is being loaded. However if the side bricks become cracked to the extent that they start to break up, they must be replaced.

Door adjustment

Provision is available on both sides of the door to enable adjustment.

To adjust the hinge end of the door, open the door fully, loosen the top hinge nut and slightly lift the latch end of the door; you will see the hinge assembly move back 1-2mm which will usually be sufficient. Retighten, then repeat by loosening the lower hinge nut, this time applying a slight downwards pressure onto the door to move the lower hinge assembly back a similar distance, then retighten.

The door latch is also adjustable, as the latch pin on the right side of the firebox is fitted through a slot which enables the latch pin to be loosened, moved back and re-tightened.

Ash removal

Over a period of time ash will build up in the base of the Metro's firebox and require removal. The time this build-up takes depends on the density and cleanliness of your fuel.

To remove the excess ash your Metro should not be operating.

- Open the door, and using a hearth shovel or similar, empty the excess ash directly into a steel or non-combustible container.
- If the ash is not disposed of immediately, be careful where you store it, as the ash can retain heat for many days and become a fire hazard.
- You must leave a bed of ash in the base of the firebox approximately 10mm deep; this insulates the base of the firebox and improves combustion.

Top baffle

This is a 'sacrificial' part of the firebox and should be checked monthly. Usually only the "Promet" (white board) front/underneath section needs to be replaced when it starts to disintegrate.

Note: Cracks in the promet are not uncommon and have no adverse effect on the operation of your Metro. These cracks are the result of intense heat coupled with expansion and contraction.

Note: Burning wood which is not properly seasoned, i.e. to 25% moisture content or more, will expedite this disintegration.

Flue systems

Should be checked annually, particularly the bottom end of the lower flue section at its rear lock formed joint. If deterioration is noticed contact your Metro retailer or installer.

The flue pipe should also be swept a minimum of once a year, or as required during the winter season. If smoke enters the room when you open the Metro's door this usually indicates the flue pipe is becoming restricted and needs cleaning. The frequency of flue pipe cleans depends on many factors, with the main variables being:

- The seasoning of the wood. If not properly seasoned you will require frequent flue pipe cleans.
- The density of the wood. Softwoods generally result in more creosote build-up in the flue pipe. Pioneer produce a telescopic fluebrush system which is available from your Metro retailer.

To clean the flue pipe of your Metro, proceed as follows:-

- Open the Metro's door fully, reach inside with the palm of your hand face-up and extended, lift the top baffle approximately 20mm, then lift it forward out through the door opening, placing it on a sheet of newspaper you have placed on the front of the floor protector.
- Close the door and slide the air control to the left.
- Once on the roof, remove the cowl from the top of flue system and sweep the flue pipe using a 150mm-diameter flue pipe brush as detailed in the instructions provided with the fluebrush.
- Once the flue pipe is clear, clean and refit the cowl. Remove the excess soot which has fallen into the firebox, leaving a layer of ash 10mm deep on the base of the firebox, then refit the top baffle.

Note: the baffle must be fitted so its rear is touching the bottom of the firebox; if necessary, refer to page 3 of the installation section at the rear of this manual, which shows illustrations of the baffle location.

PNCC APPROVED
 This Building Consent is approved
 as meeting the provisions of the
 Building Code

Troubleshooting your Metro wood fire

If your Metro is installed correctly, your fuel is dry and you operate it correctly you will find it to be a pleasure to use. Metro's many years of experience within the wood heating industry has shown that 99% of customer dissatisfaction is due to:

- unseasoned fuel
 - faulty installation
 - operational error
- or a combination of the above 3 points

The following may be of assistance if you are experiencing any of these problems.

SMOKE ENTERS THE ROOM WHEN THE METRO'S DOOR IS AJAR: (POSSIBLE REASONS AND SOLUTIONS)

Check flue pipe joints:

If the flue pipe joints are not sealed correctly, smoke will not draft up the flue pipe as well as it should. The flue pipe joint connecting into the flue spigot on top of the Metro is most critical, if this is not sealed correctly, smoke will enter the room when the door is ajar. To check this joint is sealed correctly, run a match or lighter flame around the joint, if the flame is sucked into the spigot, then it's not sealed. This check needs to be done when the fire is not going, be sure to check the rear of the joint as that is where the biggest gap is, due to the seam in the flue pipe, which is always on the rear of the flue pipe.

Ensure the fuel you are using is correctly seasoned:

If you are burning unseasoned fuel (wet), the fire will cause nothing but problems. The Metro won't deliver much heat, it will be lazy, it will smoke into the room when the door is ajar, and the door glass will run black.

Flue pipe length is too short:

Add more flue pipe as the longer the flue system, better the draft of smoke up the flue pipe. Please note, if you did not purchase the Metro ECO Flue System, you will not have the ECO Cowl which increases draft. We highly recommend the Metro ECO Cowl is fitted, this will increase the draft, if you already have an ECO Cowl and smoke is still entering the room, add another 600mm length of flue pipe.

Downdraft:

If you have checked all of the above and the fire is still smoking into the room, it's possible there may be a down draft issue. Down draft is something that is not fixed with a single fix, it's purely trial and error, things to try: -

- "H" Cowl, designed purely for downdraft issues, but if you have an ECO Cowl fitted as standard, you will also need to add another 600mm of flue pipe to compensate as the H Cowl is shorter in length
- Directional Cowl, designed for high wind areas

Air control setting:

Ensure the air control setting is on high before opening the door to reload, this will increase the draft of smoke up the flue pipe.

If your Metro didn't smoke, but its starting too and is getting worse:

The pipe is in need of a clean. It is recommended that the flue pipe to be cleaned every season, however if you are burning the fire on low a lot, or are using unseasoned fuel, flue pipe cleans will be required more frequently.

Correct operation:

Modern day wood fires need to be operated hard and fast, more so than low and lazy to ensure the firebox and flue pipe runs hot and efficient. If the fire and flue pipe is up to temperature it will perform extremely well, the smoke will draw up the flue pipe with ease, and the fire will produce good amounts of heat, if the fire is operated on low a lot of the time, the door glass will run black, the flue pipe will tend block up more frequent, and the fire will end up smoking into the room when reloading. It's better to have a small fire running hard and fast, rather than a big fire running low and lazy.

OTHER ISSUES THAT YOU MAY EXPERIENCE

I can smell smoke in the room after a low burn cycle

The smell is creosote that will be seeping through the flue pipe joints or out of the flue spigot onto an external surface, thus creating the smell in your room. The cause will be either unseasoned fuel or incorrect operation on low burn cycles. Creosote is very corrosive and excessive buildups will result in the flue pipe and potentially the flue spigot and upper burn chamber failing. Failure of flue pipe or firebox due to creosote build up is not covered under warranty as creosote build up is only possible from either unseasoned fuel or incorrect operation.

The Metro is noisy as it heats up and cools down

There will always be some expansion and contraction noise as the Metro heats and cools, however this can usually be reduced substantially by loosening three nuts at the rear of the appliance. To remedy, locate the 25mm deep cavity at the rear of your Metro between the "rear panel" and the "inner rear heat shield", you will see a 6mm nut and two 6mm bolt heads in this cavity. Using a 10mm ring or open ended spanner, loosen all three so they are finger tight only.

On all non-DV model Metro's the air channel that allows the combustion air to enter the fire is fitted to the top underneath of the door opening, it's fitted with two M6 bolts, slightly loosen these bolts.

Note: Is not applicable on the ECO DV models.

The Metro won't turn down as much as it did

The door itself may need readjusting, the hinge and latch is slotted and allows for movement, loosen the hinge and move back a few mm, this will make the door seal tighter which will stop air leaking into the fire. The door and glass seals may be in need of replacing, which is generally needed every 3-4 years. Refer page 11, Door adjustment.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code



Warranty details for your Metro wood fire

Metro wood fires are manufactured in New Zealand, using the highest quality of materials, workmanship and the latest manufacturing techniques, which is why we offer a full 10 year firebox warranty and 1 year parts warranty for peace of mind.

Metro Warranty (NZ Consumer laws apply to this warranty)

Pioneer Manufacturing Limited (Pioneer) warrants the steel firebox against defective materials and workmanship which would render it unfit for normal domestic use, from the date of purchase by the original consumer, for a period of 10 years.

Components including panel coating, door retainers, door seals, glass, trim, baffle & bricks are warranted for a period of 1 year from the date of original purchase for domestic use against defective materials and workmanship.

All associated accessories including, but not limited to, fans, flue systems, flue shields, wetbacks, tool sets, ash pots etc, are covered by a 1 year warranty against defective materials and workmanship.

It is recommended, but not a condition of this warranty, that a full service/inspection of the Metro wood fire be carried out at the end of each winter season.

Warranty Conditions:

- The Metro wood fire must be installed, operated and maintained strictly in accordance with the building code and this installation and operation manual.
- The Metro wood fire must be installed and used in a domestic application.
- This warranty covers appliance like for like replacement or repair at the manufacturer's discretion but excludes freight, travel, installation, labour and/or any other associated costs.
- Pioneer or their agents are not liable for any loss or expense direct or indirect arising from the failure of any part or operation of the appliance.
- Operation of this appliance in violation of the warnings in this operation and installation manual will void this warranty.
- Your Metro wood fire must be regularly maintained and we recommended it is also serviced annually. Proof of servicing may be required. If a wood fire is not regularly maintained and serviced, the life span will be reduced. If your Metro wood fire has been neglected, by not being regularly maintained and serviced, warranty may be declined.

- It is critical that the fire not be operated with over worn, faulty or missing door seals. Door seals will harden over time and become over-worn (3-4 year's) this will cause air to leak into the fire, causing the appliance to 'over fire'.
- It is critical that the fire not be operated with over worn, faulty or missing bricks, baffle plate, baffle extension (white board on the baffle plate)
- It is critical that the fire not be operated with cracked, or broken door glass.

Please note, the above 3 points require regular inspection/maintenance (every time the ash bed is cleaned out, generally 3-5 times a season) and if not maintained will void the firebox warranty. Please ensure you keep your proof of purchase/receipt on any parts you buy.

- A claim under this warranty should be directed to the retailer who supplied the Metro wood fire. If this is not possible write direct to the manufacturer stating details of fault, serial number of your Metro, date and proof of purchase and name of retailer where the Metro was purchased.

Warranty Exclusions:

This manufacturer's warranty does not cover:

- Service calls which are not related to any defect in the product (i.e. operational, installation or fuel issues). The cost of a service call will be charged if the problem is not found to be a product fault.
- Defects caused by factors other than normal domestic use or use in accordance with the product's operation manual.
- Defects caused through the product being operated in an "over-fired" manner resulting in sections of the firebox operating excessively hot to the point that sections glow red. (Note – This will result in distortion of the firebox)
- Defects to the product caused by accident, neglect, misuse or act of God.
- The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorised repairs.
- Required maintenance as set out in this manual.

Service under this manufacturer's warranty must be provided by a repairer approved by Pioneer Manufacturing Ltd. Such service shall be provided during normal business hours.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code

⚠ IMPORTANT! Complete and retain these details at time of purchase:

Purchase Date _____

Serial Number _____

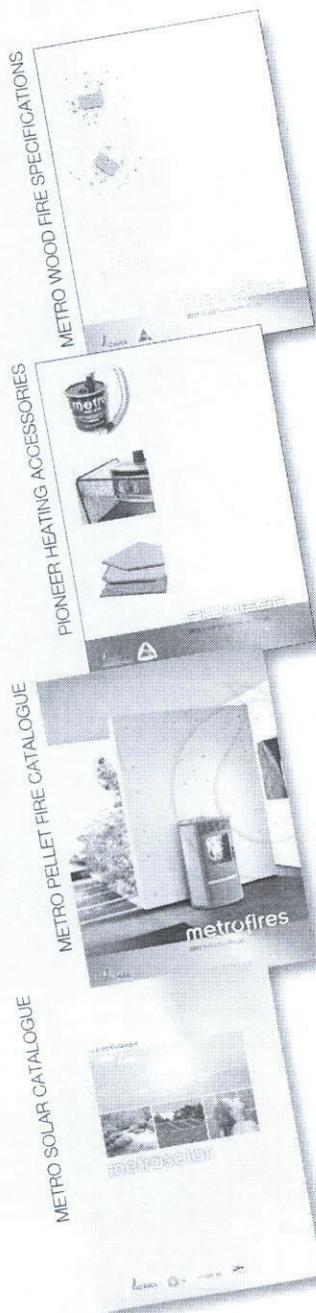
Model _____

Colour _____

Retailer _____



Metro's product range - See us online today www.metrofires.co.nz



Metro Wood Fire Specifications

Metro have a specifications brochure available which details relevant compliance data for every model. This brochure also details clearances and specifications for all models, which is generally required when applying for a building consent. See your Metro retailer to obtain a copy, or visit www.metrofires.co.nz

Metro Accessories

Pioneer offer a range of heating accessories designed to compliment the styling of your Metro wood fire. See the opposite page for some of our range of heating accessories.

This range of accessories includes floor protectors, heat transfer ducts, fire guards, tool sets, flue brushes and more. For further details ask your Metro retailer for a copy of the Pioneer heating accessories brochure, or visit www.metrofires.co.nz

Metro Pellet Fires

Metro's pellet fires offer a different look from the traditional wood fire. Practically heat at the touch of a button, Metro pellet fires are the latest form of heating. Offering features like 'timer control' which allows you to program the pellet fire to turn on at anytime.

Metro Pellet fires are super clean burning and offer exceptional heating efficiencies. The fuel is clean burning and uses highly efficient wood pellets made from pine shavings. This renewable fuel is compressed into a dense pellet allowing for maximum heat to be released. Check out Metro's new flame today!

Metro Solar Systems

Metro Solar brings together Pioneer Manufacturing Ltd and DUX Australia. These two companies are both market leaders in their own fields with proven technical design, and manufacturing capabilities and specialise in eco-friendly yet technically oriented consumer products.

Key features about Metro Solar...

- State of the art collector technology with selective surface coating and tempered low iron glass for exceptional efficiency and performance.
- Thermally insulated cylinders which can be located on ground level for safer installation and easy maintenance.
- The patented Hotlogic processor controls water circulation to suit weather conditions and usage

metrofires.co.nz

Visit the Metro website: www.metrofires.co.nz to view Metro's new product 'video demos' showing the latest in wood fire technology energy saving options. You can view the entire Pioneer and Metro product range, find out where your nearest Metro retailer is located or simply check out the latest specifications, installation requirements and emission and efficiency data for the Metro of your choice.

PNCC APPROVED
This Building Consent is approved
as meeting the provisions of the
Building Code



Pioneer heating accessories

All the accessories you'll ever need!

Pioneer Manufacturing Limited distribute a wide range of heating accessories, and shown below are some of the heating accessories readily available from your local Metro retailer.

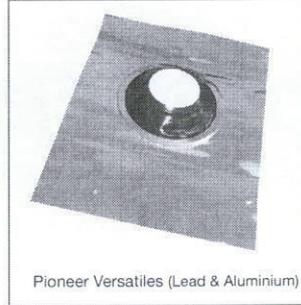
Some of these heating accessories are designed to compliment your Metro wood fire, and some are to assist with the up-keep and maintenance of your Metro wood fire, keeping it in good order for many years to come.



ECO Flue Systems



Pioneer Flashrites



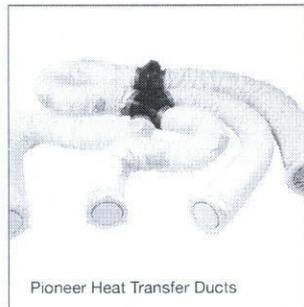
Pioneer Versatiles (Lead & Aluminium)



Pioneer High Temperature Paint



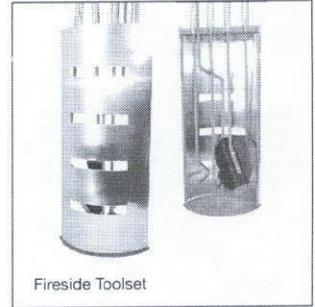
Pioneer Fireguards



Pioneer Heat Transfer Ducts



Universal Door Seal Kits



Fireside Toolset



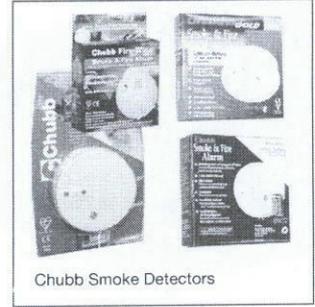
Silicone



Pioneer Fire Cement



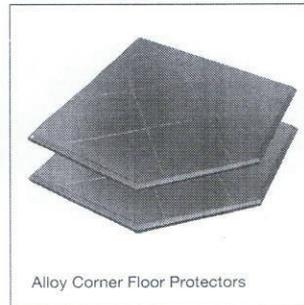
Wetbacks



Chubb Smoke Detectors



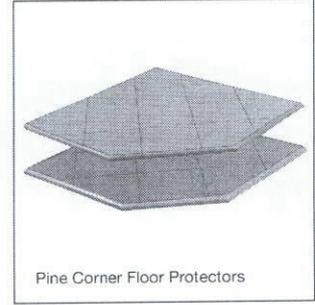
Alloy Wall Floor Protectors



Alloy Corner Floor Protectors



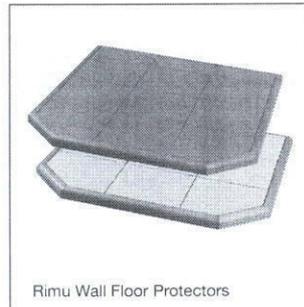
Pine Wall Floor Protectors



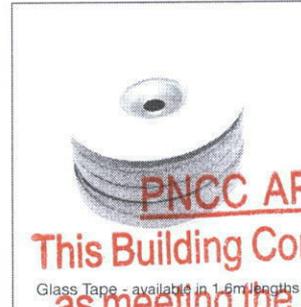
Pine Corner Floor Protectors



Rimu Corner Floor Protectors



Rimu Wall Floor Protectors



Glass Tape - available in 1.6m lengths



Door Rope - available in 1.6m lengths

PNCC APPROVED
 This Building Consent is approved
 as meeting the provisions of the
 Building Code

Processing Checklist – Freestanding and Inbuilt Fires

Applicant Name: Catterall PIM No: BC No: 36033
 Site Address: 1 Sefton Gr. Date: 19/11/13.

| 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 achieved |
|--|--|--|--------------------------------------|-----|---------------|---|
| | | | Complies | N/A | Non-Complying | |
| Notes¹: <i>more than 3m from other building sismic provided, guy wires not needed - less than 3m. ash floor protector</i> | | | | | | |
| Pre-application checklist provided² | | | Yes / No | | | |
| Any outstanding Building Consents relating to property Act | | | Yes / No | | | |
| S.112 Alterations to existing buildings | | | Yes / No / N/A | | | |
| PIM | | | Yes / No | | | |
| Application checklist completed & attached? | | | Yes / No | | | |
| Plans | | | | | | |
| Site plans for building location | | | ✓ | | | |
| Plumbing | | | | | | |
| Sufficient information to process | | | Yes / No / N/A | | | |
| Plumbing Act noted on PIM/BC | | | Yes / No / N/A | | | |
| Building PIM detail | | | | | | |
| Building PIM checklist completed & attached? | | | Yes / No / N/A | | | |
| Building requirements from PIM noted? | | | Yes / No / N/A | | | |
| Waiver and Modification | | | | | | |
| Application for a waiver or modification? | | | Yes / No | | | |
| Building BC detail | | | NZBC - B1, B2, C1, C2 & F7 | | | |
| Fireplace / solid fuel heater shown on floor plan ³ | | | Yes / No | | | |
| Fire MFE approved for location <2ha ⁴ | | | Yes / No / N/A | | | |
| Manufacturers' specifications provided ⁵ | | | Yes / No | | | |
| Flue location shown on elevations ⁶ | | | ✓ | | | |
| Smoke alarms specified & shown on plans ⁷ | | | ✓ | | | |
| Flashings⁸ | | | NZBC - B2 & E3 | | | |
| Chimney / flue flashing detail | | | ✓ | | | |
| Manufacturers flu detail provided for timber framed chimney | | | ✓ | | | |
| <i>Geo City.</i> Details: <i>No wet back</i> Details: <i>Fire place only Not needed. N/A.</i> <i>Metro Euro Ped. Eco. Ecan # 112019.</i> <i>within 3m.</i> <i>roofing code of practice</i> | | | | | | |

Processing Checklist – Freestanding and Inbuilt Fires

| Notes ¹ : | | | | |
|--|-------------------------------------|-----|-------------------------------------|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 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: <small>Comments must be made for:</small> 1. Non-complying items 2. Alternative solutions & how compliance with NZBC achieved |
| | Complies | N/A | Non-Complying | |
| Conditions/Endorsements & Inspections entered onto computer system? | Yes / No | | | |
| Water supply | NZBC – G13 | | | Plumbing & Drainage Officer to process |
| Wetback fitted | Yes / No | | | |
| Plumbing specification for installation. | <input checked="" type="checkbox"/> | | | |
| Tempered hot water specified | <input checked="" type="checkbox"/> | | | |
| Conditions/Endorsements & Inspections entered onto computer system? | Yes / No | | | |
| Plumbing & Drainage - Application approved:⁹ | Yes/No | | Officer: | Date: |
| | | | Signed: | |
| Building Officer - Application approved for Granting:¹⁰ | Yes/ No | | Officer: <i>Chris Parker</i> | Date: <i>19/11/13</i> |
| | | | Signed: <i>CBP</i> | |

¹ General notes and observations
² PNCC information checklists
³ Floor plan of the dwelling showing the location of the proposed fire installation.
⁴ Refer Approved Wood burner list on Ministry for the Environment website. If site is >2ha the fire does not require Mfe approval.
⁵ Copy of manufacturer's specifications showing clearances, etc. Copy placed in "green" folder for on site checking
⁶ Flue location in accordance with NZS 2918, i.e. Flue to be min of 1000mm above roof or when situated within 3m of ridge, height to be min of 600mm above ridge
⁷ Floor plan of the dwelling showing the location of the smoke detectors.
⁸ NZBC E2
⁹ If the decision is made by the Plumbing and Drainage Officer to refuse to approve the application, document the reasons for refusal in the notes section of this checklist
¹⁰ If the decision is made by the Building Officer to refuse to approve the application for granting, document the reasons for refusal in the notes section of this checklist

Inspection Checklist – Fireplace Final

Address: 1 Lepton Cres Building Consent No.: 36033

Tradesperson: Active Property Maintenance Tradesperson: _____

Reg.No.: _____ Contact Details: _____ Reg. No.: _____ Contact Details: _____

Date: 25/11/13 Time: 2:30

Staged/Partial Inspection: _____ of _____

| Item to be inspected for compliance: with the Building Act 2004, NZBC & Approved Documents Complies with approved plans & specifications | Outcome ¹ | | | Details of Inspection & Comments: Comments must be made for: 1. Non-complying Items 2. Items/work deviates from approved documents 3. Detail alternative solution & how compliance achieved |
|---|----------------------|-----|------|---|
| | Pass | N/A | Fail | |
| Stamped approved plans and specification on site? | | | | (Yes) No |
| Application for Code Compliance Certificate received? | | | | (Yes) No |
| Conditions of consent/site instructions read? | | | | (Yes) No |
| Conditions of consent actioned | | | | Yes/No |
| Pre-installation chimney inspection passed | | | | Yes (No) NA |
| All previous inspections passed (If fireplace is part of other building work) | | | | Yes (N/A) No |
| Free Standing Fire | | | | |
| Manufacturers specification provided | | | | Yes/No |
| Flue riveted (3 rivets min) | ✓ | | | |
| Flue shield fitting & clearance | ✓ | | | |
| Clearance – rear of unit to wall | ✓ | | | |
| Clearance - side of unit to wall | | | ✓ | |
| Clearance – corner of unit to wall | | | ✓ | |
| Hearth type | ✓ | | | Insulating/Ash |
| Clearance to front of hearth | ✓ | | | |
| Clearance to sides of hearth | ✓ | | | |
| Clearance from window drapes/ combustibles | ✓ | | | |
| Fire place restraints fitted | ✓ | | | |
| Triple flue | ✓ | | | |
| Flue gap thru ceiling | ✓ | | | |
| Insulation blocked clear of flu (ceiling space) | ✓ | | | |
| Inbuilt Fire | | | | |
| Manufacturers specification provided | | | | Yes / No |
| Hearth type | | | | Specify: |
| Clearance to front of hearth | | | | |
| Clearance to mantle | | | | |
| Heat deflector shield fitted to mantle | | | | |
| Fire box restraints | | | | |
| Flue installed in timber framed chimney to manufacturers specification | | | | Yes / No |
| Other | | | | |
| Wetback fitted | | | | |
| Height of HWC above Wetback | | | | |
| Flow & return pipe size | | | | NA |
| Tempering valve fitted | | | | NA |
| Hot water temperature | | | | Test result NA °c |
| Smoke alarms | | | | |
| Correctly located and operational | ✓ | | | |
| Battery powered with 'Hush Facility' | ✓ | | | |
| Hard wired to security system | | | ✓ | |
| External | | | | |
| Flue flashed to roofing | ✓ | | | |
| Height & location of flue | ✓ | | | |
| Notes: | | | | |

Inspection Checklist – Fireplace Final

| Item to be inspected for compliance: with the Building Act 2004, NZBC & Approved Documents Complies with approved plans & specifications | Outcome ¹ | | | Details of Inspection & Comments: Comments must be made for: 1. Non-complying Items 2. Items/work deviates from approved documents 3. Detail alternative solution & how compliance achieved |
|---|----------------------|-----------------------|------|---|
| | Pass | N/A | Fail | |
| | | | | |
| | | | | |
| | | | | |
| Modification to consent required? | | Yes / <u>No</u> | | Officer: <i>T. Kellerman</i> |
| Agreement in writing obtained from owner/agent to modify consent? | | Yes / <u>N/a</u> / No | | |
| Amended plans required? | | Yes / <u>No</u> | | |
| Amended specifications required? | | Yes / <u>No</u> | | Signed:  Date: <i>25/11/13</i> |
| Re-inspection required? | | Yes / <u>No</u> | | |
| Site instruction issued? | | Yes / <u>No</u> | | |
| Final fire inspection passed? | | <u>Yes</u> / No | | |

¹ Pass = Compliance with approved plans & documentation, N/A = Not applicable to this project, Fail = Non-compliance with approved plans & documentation.

Project File Sign Off Checklist

Address: 1 Sefton Cres

Building Consent No.: 36033

| Item to be checked for completion: | Yes | N/A | No | Comments: |
|---|-----|-----|----|--|
| Plumbing & Drainage Officer | | | | |
| 'As laid' Drainage plans received? | | ✓ | | |
| P&D conditions / endorsements signed off? | | ✓ | | |
| Total number of pans in the Building ¹ | | | | Number: <u>n/a</u> |
| Plumbing & Drainage items signed off? | | | | Officer: <u>GRAHAM WAIT</u> Signed: <u>G.C. Wait</u> Date: <u>29/11/13.</u> |
| Building Officer | | | | |
| All conditions/endorsement of the consent signed off? | ✓ | | | |
| All mandatory inspections completed and SIN/NTF complied with? | ✓ | | | |
| All LBP records of work provided cover full scope, on prescribed form and signed by registered LBP's (Register checked) | | ✓ | | |
| CS and CSS required? | | ✓ | | |
| Amendment to existing Compliance Schedule required? | | ✓ | | |
| Section 72, 75 or Memo of Encumbrance Certificates registered? | | ✓ | | |
| Waiver and modification process completed? | | ✓ | | |
| Property Issues forms been completed and registered? | | ✓ | | |
| Roads Assets Officer advised if new vehicle crossing is applicable and copy of project file sign off checklist forwarded? | | ✓ | | |
| WHRS claim applicable to BC and copy of Project File Sign Off Checklist forwarded to Claims Officer? | | ✓ | | |
| Planning Officer advised if work is a relocate and copy of project file sign off checklist forwarded? | | ✓ | | |
| Earthquake Prone Building Register – Provide confirmation of New Building Standard (NBS) % and summary of earthquake strengthening report to Information Services Officer | | ✓ | | |
| Swimming pool administration officer been advised and copy of inspection checklist forwarded? | | ✓ | | |
| All relevant information placed on the project file: | | | | |
| • Building Consent Application | ✓ | | | |
| • PIM / CT / Consent Notices | ✓ | | | |
| • Certificates of work | | ✓ | | |
| • Processing Checklist | ✓ | | | |
| • Plans & Specifications | ✓ | | | |
| • Engineer Design / Calculations | | ✓ | | |
| • Geotechnical Report | | ✓ | | |
| • Effluent System Design | | ✓ | | |
| • Truss Layout / Design Certificate | | ✓ | | |
| • Fire Design / Analysis | | ✓ | | |
| • NZFSDRU Summary | | ✓ | | |
| • Producer Statements (PS1/PS2) | | ✓ | | |
| • Producer Statement Acceptance Checklist completed? | | ✓ | | |
| • Further Information Requests / Correspondence | | ✓ | | |
| • Building Consent / Amended BC's | ✓ | | | |
| • Building and Planning Services Project sheet | ✓ | | | |
| • Section 77 Certificate | | ✓ | | |
| • Amendments (application/checklist) | | ✓ | | |
| • Inspection checklists as per BC | ✓ | | | |
| • NTF / SIN | | ✓ | | |
| • Energy Certificates | | ✓ | | |
| • Memoranda (Record of Building Work) | | ✓ | | |
| • As Laid Drainage Plans | | ✓ | | |
| • Manufacturers Certificates | | ✓ | | |

Project File Sign Off Checklist

| Item to be checked for completion: | Yes | N/A | No | Comments: |
|--|-----|-----|----|---|
| • Producer Statements (PS3/PS4) | | ✓ | | |
| • Producer Statement Acceptance Checklist completed? | | ✓ | | |
| • CPU application/checklist/certificate | | ✓ | | |
| • Waiver or modification documents | | ✓ | | |
| • Application for CCC | ✓ | | | |
| • Certification of specified systems from approved certifiers | | | | |
| • OTHER / Notes: | | ✓ | | |
| | | | | |
| Building Officer – CCC application approved for issue? | ✓ | | | Officer: <i>T. Kellerman</i> Signed: <i>[Signature]</i> Date: <i>29/11/13</i> |
| | | | | |
| Team Leader | | | | |
| Do mandatory inspections match number of inspections carried out? | ✓ | | | |
| <p style="color: blue; font-size: 1.2em; margin: 0;"><i>1 CHARGED</i></p> <p style="color: blue; font-size: 1.2em; margin: 0;"><i>1 DONE</i></p> <p>Do additional inspection charges or refunds apply?</p> | | | ✓ | <p>If yes: Number of additional inspections to be charged: _____ @ \$ _____</p> <p>If No: Enter reason if no charge applies: _____ _____ _____</p> <p>Number of inspections for refund: _____</p> |
| | | | | |
| Team Leader Approved for issue? | ✓ | | | Officer: _____ Date: _____ Signed: <i>G. Wait</i> 19 DEC 2013 |
| | | | | |
| Administration Officer | | | | |
| Any changes to the street address? (check on City View) | | | ✓ | |
| File been amended if street address has changed? | | ✓ | | |
| All inspections invoiced? | | ✓ | | |
| All bonds or inspections refunded if applicable? | | ✓ | | |
| Development Contribution paid? | | ✓ | | |
| All fees paid? | ✓ | | | |
| Copy plan showing means of escape, fire and smoke separations and exits from fire report for attachment to CS | ✓ | | | |
| Compliance Schedule (CS) and Compliance Schedule Statement (CSS) prepared? | | ✓ | | |
| | | | | |
| CCC issued? | ✓ | | | |
| Copy of signed CCC, CS & CSS (if applicable) and project file sign off checklist placed in project file. | | | | |
| Administration items signed off? | | | | Officer: _____ Signed: <i>Jen Swadel</i> Date: <i>05/11/13</i> |

¹ Urinals are treated as one pan.

PNCC – Building Services Project Sheet

36033

Project Address:

1 Sefton Crescent, PN

Project Description:

Install Freestanding Fire

Project Type Definition (circle):

0 1 2 3 4 5 6 7

Commercial or Industrial (circle)

Project Number:

36033

Restricted Building Work?

Yes No

Date accepted:

5 Nov 2013

Project Value (\$):

3500

Person Making Payment:

Active Property Maintenance Services Limited

Does this application rely on a MultiProof certificate?

Yes No

| TYPE | Code | V/G NO (PNCC) | Code | AMOUNT |
|---|------|------------------------|------|---------------|
| PIM | | Lodgement BC | BA | \$ |
| BUILDING CONSENT | PI | Lodgement BC | BA | \$ 260 |
| BUILDING RESEARCH LEVY - \$1.00 / \$1,000,00 (set fees) | | Lodgement BC | BA | \$ |
| BUILDING LEVY - \$2.01 / \$1,000,00 (set fees) | | Lodgement BC | BA | \$ |
| BUILDING CONSENT AMENDMENT | | SI against owner of BC | BA | \$ |
| CERTIFICATE FOR PUBLIC USE | | SI against owner of BC | BA | \$ |
| EXEMPT/ UNAUTHORISED BUILDING WORK / THIRD PARTY REPORT / EXTENSION OF TIME | | 020104 4001 GL | BA | \$ |
| CERTIFICATE OF ACCEPTANCE | | Lodgement BC | BA | \$ |
| DEVELOPMENT CONTRIBUTION | | SI NONE | | \$ |
| INSTANT RESOURCE CONSENT | | RCON INST | | \$ |
| RELOCATION BOND | | RBND | | \$ |
| CERTIFICATE OF TITLE (CT) | | 030205 4023 GL | | \$ |
| VEHICLE CROSSING (VEHX) | | Lodgement BC | | \$ |
| COUNCIL ASSET BOND (No GST) | | 99 99 99 2156 GL | | \$ |
| SERVICE CONNECTIONS STORMWATER | | 640120 4001 GL | | \$ |
| SERVICE CONNECTIONS WASTEWATER | | 640322 4001 GL | | \$ |
| SERVICE CONNECTIONS WATER | | 640442 4001 GL | | \$ |
| TOTAL | | | | \$ 260 |

Comments:

Please tick technical inputs for processing as required:

| | | |
|---|---|--|
| <input type="checkbox"/> Land Information Officer | <input type="checkbox"/> Environmental Health | <input type="checkbox"/> NZ Fire Service DRU |
| <input type="checkbox"/> Planning | <input checked="" type="checkbox"/> Building | <input type="checkbox"/> City Networks |
| <input type="checkbox"/> Plumbing & Drainage | <input type="checkbox"/> Structural | <input type="checkbox"/> Claims Management |

Please tick appropriate processing checklist:

| | | |
|--|---|---|
| <input type="checkbox"/> T-08a Planning processing PIM | <input type="checkbox"/> T-19g Commercial – New Building | <input type="checkbox"/> T-19p Farm Buildings |
| <input type="checkbox"/> T-08b Building processing PIM | <input type="checkbox"/> T-19h Commercial Addition & Alteration | <input type="checkbox"/> T-19q Demolitions |
| <input type="checkbox"/> T-08c PIM/Building Consent Site Visit | <input type="checkbox"/> T-19i Commercial Minor Alteration | <input type="checkbox"/> T-19r Multiproof Consent |
| <input type="checkbox"/> T-19a Planning Processing BC | <input type="checkbox"/> T-19j EH Food Premises | <input type="checkbox"/> T-19s Shade sails/Small Sheds/Open Sited Buildings |
| <input type="checkbox"/> T-19b New Dwelling | <input type="checkbox"/> T-19k EH Hair Premises | <input type="checkbox"/> T-19t Continuous Flow Hot Water |
| <input type="checkbox"/> T-19c Small Addition | <input type="checkbox"/> T19l EH Hazardous Substances | <input type="checkbox"/> T-21b Amendment to Building Consent |
| <input type="checkbox"/> T-19d Minor Alteration | <input type="checkbox"/> T19m Swimming Pool | <input type="checkbox"/> T-36a Certificate of Acceptance C/list |
| <input type="checkbox"/> T-19e Garage/Carport/Pergola/Sleepout | <input type="checkbox"/> T19n Relocation | <input type="checkbox"/> T-47a Certificate for Public Use C/list |
| <input type="checkbox"/> T-19f Conservatory | <input checked="" type="checkbox"/> T19o Fires | |

Palmerston North
City Council

<<COPY ONLY>>

TAX INVOICE No: 2014/125157
GST Reg No : 11-213-081

Received From
ACTIVE PROPERTY MAINTENANCE SERVICES LIMIT
ED

Date :05 Nov 2013, Time: 02:37pm
Till :FOH10
Received :\$ 260.00 CHEQUE
=====

Applicat'n:\$ 260.00 BCON-36033
ACTIVE PROPERTY MAINTENANCE

Total Rec :\$ 260.00
=====

Incl GST :\$ 33.91

Palmerston North
City Council

<<COPY ONLY>>

TAX INVOICE No: 2014/125157
GST Reg No : 11-213-081

Received From
ACTIVE PROPERTY MAINTENANCE SERVICES LIMIT
ED

Date :05 Nov 2013, Time: 02:37pm
Till :FOH10
Received :\$ 260.00 CHEQUE
=====

Applicat'n:\$ 260.00 BCON-36033
ACTIVE PROPERTY MAINTENANCE

Tot Rec :\$ 260.00
=====

Incl GST :\$ 33.91

36033

CHARGE SHEET

| OTHER FEES | | TIME | |
|---|---------|-----------------|-----------|
| FOH vetting B Officer Name: <u>lyn</u> | | Chargeable Time | <u>15</u> |
| FOH vetting Planner Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Consultant Name: | | Chargeable Time | |
| Scanning | | A3 | \$3.75 ea |
| | | A4 | \$2.25 ea |
| Legal Fee | Sect 75 | | \$749.00 |
| | Sect 72 | | \$337.00 |
| Licensed Building Practitioner (LBP) Registration | | | \$125.00 |
| Producer Statement PS3 and PS4 Only | | | \$72.00ea |
| Compliance Schedule | | | \$153.00 |
| Compliance Schedule (amendment only) | | | \$99.00 |
| NZ Fire Service DRU | | | \$ |
| Levies on Amendment – Building Levy | | Invoiced Y or N | |
| Levies on Amendment – Building Research Levy | | Invoiced Y or N | |
| | | | \$ |
| DEVELOPMENT CONTRIBUTIONS – GST INCL | | | |
| City Wide Reserves | | | \$ |
| Rooding | | | \$ |
| Water | | | \$ |
| Wastewater | | | \$ |
| Local Reserves/Parks & Reserves | | | \$ |
| Stormwater | | | \$ |

| | |
|---|----|
| TOTAL COST | \$ |
| TOTAL FEE TO BE WAIVED (See Below) | \$ |
| TOTAL TO BE INVOICED/PAID | \$ |

Date Fees Entered into Computer System: 20/11/13 Signed off by BSO: [Signature]

Description of Fees To Be Waived:

| Type of fee | Reason for waiving | Amount |
|--------------|--------------------|-----------|
| | | |
| | | |
| Total | | \$ |

Waived Fees Approved By (Manager): _____

Date: _____

36033

INSPECTIONS REQUIRED

| | | Tick if Applicable | No. of Inspections |
|--|---------------------------------------|--------------------|--------------------|
| 291 / T28A | Building WOF | | |
| 292 / T30A | Foundations | | |
| 293 / T30AA | Reinspection | | |
| 294 / T30AB | Inbuilt Fireplace Pre-Install Check | ✓ | 1 |
| 295 / T30AC | Final - Fireplace | ✓ | 1 |
| 297 / T30AE | COMM - Foundation/Pads/Ground Beams | | |
| 296 / T30AD | Structural Concrete & Masonry | | |
| 298 / T30AF | COMM - Concrete Slab | | |
| 299 / T30AG | COMM - Framing | | |
| 300 / T30AH | COMM - Preline | | |
| 301 / T30AI | COMM - Postline | | |
| 302 / T30AJ | COMM - Final | | |
| 343 / T30VA | COMM - Final - Plumbing | | |
| 303 / T30AK | Swimming & Spa Pool | | |
| 304 / T30AL | CPU Inspection | | |
| 305 / T30B | Foundations Slab Single Pour | | |
| 306 / T30C | Retaining Wall/Split Level Foundation | | |
| 307 / T30D | Ring and Pile Foundation | | |
| 342 / T30DA | Farm Building Foundation | | |
| 308 / T30E | Subfloor Framing | | |
| 309 / T30F | Underfloor/Preslab Soil/Drain/Waste | | |
| 310 / T30G | Concrete Slab | | |
| 311 / T30GH | Blockfill | | |
| 312 / T30H | Framing | | |
| 314 / T30J | Cavity | | |
| 313 / T30I | Preclad/Plaster System Flashings | | |
| 315 / T30K | Monolithic Backing | | |
| 316 / T30L | Paper Netting | | |
| 317 / T30M | Scratch Coat | | |
| 318 / T30N | Half High Brick | | |
| 319 / T30O | Weathertightness | | |
| 320 / T30P | Preline - Single/Lower Storey | | |
| 321 / T30Q | Preline - Upper Level | | |
| 322 / T30R | Preline - Plumbing | | |
| 395 / T30RA | Minor Preline - Plumbing & Building | | |
| 336 / T30P/R | Preline - Building & Plumbing | | |
| 323 / T30S | Postline | | |
| 324 / T30T | Drainage | | |
| 325 / T30U | Final - Building | | |
| 326 / T30V | Final - Plumbing | | |
| 327 / T30W | Final - Building & Plumbing | | |
| 344 / T30WA | Final - Relocation | | |
| 328 / T30X | Final - Garage, Carport, Pergola | | |
| 337 / T30XA | Final - Farm Buildings | | |
| 329 / T30Y | Final - Minor Internal Alteration | | |
| 330 / T30Z | Final - Demolition | | |
| 331 / T30ZZ | Engineer Observation | | 1 |
| Total Number of Inspections Charged | | | 1 |

Plans Located in:

Blue Folder

Codafile

Project File Cover Sheet

Plan Drawer N°:

| | | | |
|---|---|--|--|
| Project Type (0-7) (C/I) 0 | Building Officer Responsible Res | FOH Received Date 5 11 / 13 | Restricted Building Work Trade LBP classes required: N/a <input type="checkbox"/> Carpentry <input type="checkbox"/> External Plastering <input type="checkbox"/> Bricklaying <input type="checkbox"/> Blocklaying <input type="checkbox"/> Foundation <input type="checkbox"/> Roofing <input type="checkbox"/> |
| PLANNING/SUBDVN Name: _____ Date: _____ | | NZFS DRU Input Required? Y / N PK LS | Trade LBP classes provided: N/a <input type="checkbox"/> Carpentry <input type="checkbox"/> External Plastering <input type="checkbox"/> Bricklaying <input type="checkbox"/> Blocklaying <input type="checkbox"/> Foundation <input type="checkbox"/> Roofing <input type="checkbox"/> |
| CLAIMS MANAGEMENT Does this consent require a: Section 72 YES / NO Section 75 YES / NO Memorandum of Encumbrance YES / NO | | In Progress: Completed: | |
| SITE VISIT: Name: _____ Date: _____ | | Completed: Y N | |
| BUILDING PIM: Name: _____ Date: _____ | | Completed: Y N | |
| BUILDING BC: Name: Chris Date: 20/11/13 | | Completed: (Y) N | |
| COMPLIANCE SCHED: Name: _____ Date: _____ Existing <input type="checkbox"/> New <input type="checkbox"/> Amended <input type="checkbox"/> | | Completed: Y N CS #: CS Admin: Y N | |
| P&D WASTEWATER Name: _____ Date: _____ | | Completed: Y N | |
| CITY NETWORKS Name: _____ Date: _____ | | Completed: Y N | |
| STRUCTURAL Name: _____ Date: _____ | | Completed: Y N | |
| HEALTH/HSNO Name: _____ Date: _____ | | Completed: Y N | Address for Inspection Checklists to be sent to: N/a <input type="checkbox"/> Name: _____ Address: _____ Email: _____ |
| PROJECT DESCRIPTION INSTALL FIS FIRE | | Site Folder Cityview Map <input checked="" type="checkbox"/> Site Plan <input checked="" type="checkbox"/> Drainage Plan Copy of PIM Copy of B/C | |
| Project Number 36033 | PIM Number | VC number | |
| PROJECT ADDRESS 1 SEFTON CR | | Provisional Due Date 3 11 / 13 | |