

THE TILE FIRE INSTALLATION INSTRUCTIONS

The Tile Fire

(NEW ZEALAND AND AUSTRALIA)



BC 991379

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**READ ALL INSTRUCTIONS BEFORE INSTALLING
AND USING THIS APPLIANCE.**

INSTALLING THE TILE FIRE

1. The Tile Fire must be installed in accordance with these instructions. Do not allow any makeshift compromise installation methods or parts to be used — this could result in a house fire.
2. The Tile Fire should be installed in accordance with NZS 7421:1985 in New Zealand or AS 2918 in Australia.
3. Where an installation permit is required, this should be obtained prior to installation and we recommend that you advise your insurance company that you are having the heater installed.
4. The clearances shown in these instructions are necessary to prevent overheating of nearby combustibles and the drying out of timber in the house structure.

FLUE SYSTEMS

The flue should be vertical and without any bends. If an offset is required it should be as close to the heater as practical and should not offset more than 500mm from the centre line of the flue collar. Also clearances from flue pipe to combustible materials should be maintained (see table 1).

Restrictions or leaks can cause smoking under certain conditions due to poor draught. Joints between sections should be securely fastened using stainless steel self tapping screws or "Pop" rivets.

The flue cowl should be at least 600mm above the highest ridge of the roof to ensure the draught is not affected by pressure zones caused by wind currents around the house. When the flue is installed through a flat roof, the cowl should be at least 1500mm above the highest part of the roof. Note that any roof with a pitch angle of less than 30 degrees is treated as a flat roof for the purposes of pressure zones. At joints, the crimped end of the upper flue section should be fitted to the uncrimped end of the lower flue section.

The Kent flue kit provides a maximum height of 4.2m (New Zealand) or 3.6m (Australia). Should extra flue or flue shield be required, this may be obtained through your nearest Kent dealer. Two lengths of galvanised steel flue shield are supplied with the flue kit. These must be fitted in the roof space to prevent the hot flue coming into contact with any timber or other combustible materials.

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 APPROVED SUBJECT TO:
 1. All work complying with the N.Z. Building Code.
 2. 24 hours notice being given to the Building Inspector prior to installation.

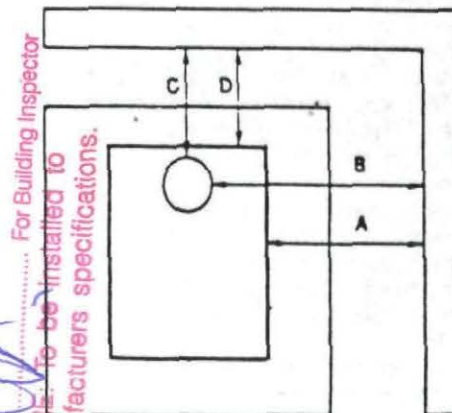


FIG 1a

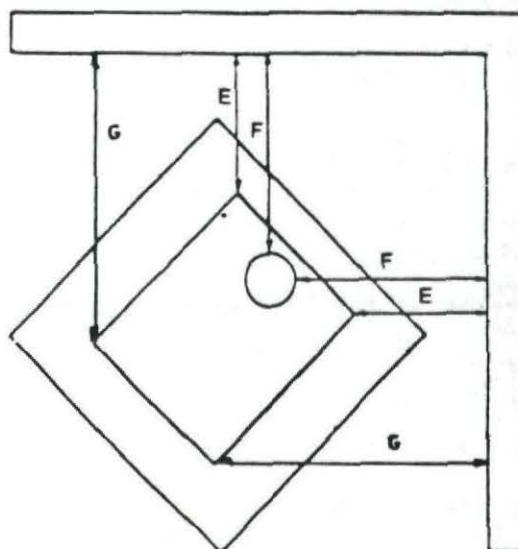


FIG 1b

**TABLE 1:
Installation Options**

NEW ZEALAND

- 150mm dia. single wall flue pipe
- 150mm dia. single wall flue pipe with Kent flue screen

AUSTRALIA

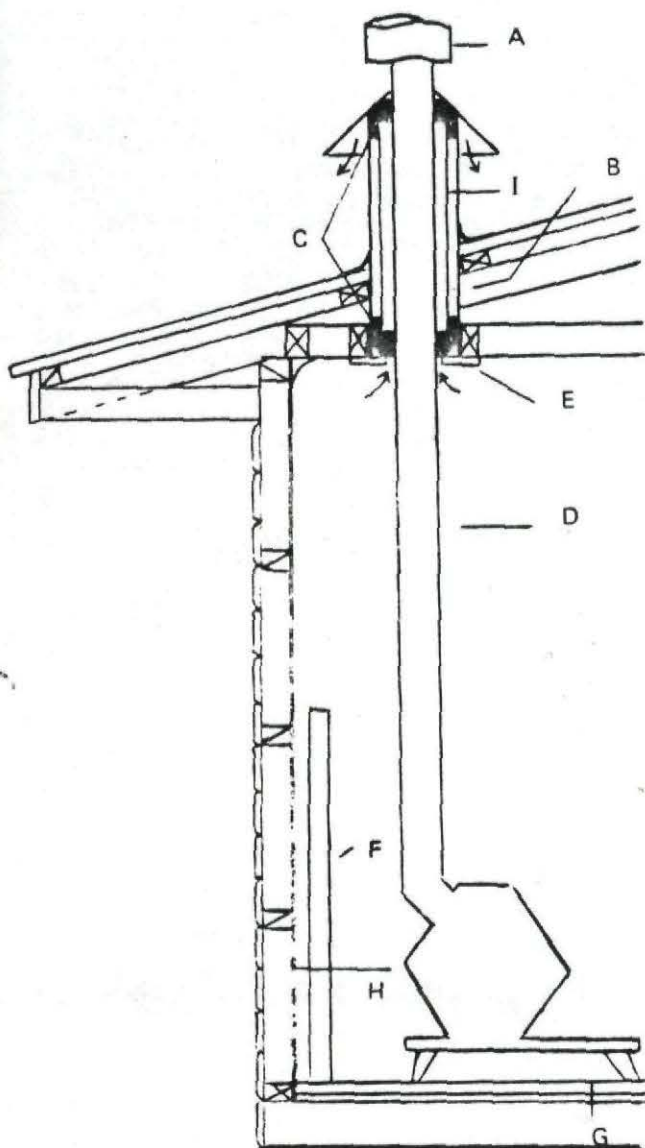
- 150mm dia. single wall flue pipe
- 150mm dia. single wall flue pipe with Kent flue screen

**Minimum Clearances from heater to Combustibles
when installed with Kent Flue Systems (mm).**

A	B*	C*	D	E	F*	G
450	630	440	350	250	480	690
450	630	215	125	200	430	640
450	630	340	250	150	380	590
400	580	190	100	150	380	590

*Measured from the flue collar. These clearances must be maintained from the flue pipe to combustible materials within the room.

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CHECK WITH YOUR LOCAL BUILDING
INSPECTOR BEFORE INSTALLING A
SOLID FLUE BURNING STOVE.

INSTALLATION OF THE LITTLE DORRIT STOVE

Check with your Local Building
Inspector to ascertain Local Body
requirements.

The Stack's Little Dorrits comply with
New Zealand Standards 7421:1972 if installed
using parts supplied by The Stack
Manufacturing Company Limited.

When deciding on the position of the stove,
check the ceiling and roof above for
obstructions such as ceiling battens, roof
rafters, valleys or ridges.

The hearth must be constructed of non
combustible insulation material at least
50 mm thick, as approved by the New Zealand
Standards. It must extend 300 mm in any
direction from under firing or ash removal
opening.

It is recommended to use an additional layer
of heat resistant board (12 mm) under the
hearth where floors are constructed of
particle board.

HEAT SHIELD

This reduces the distance that the stove may
be placed against various types of wall.
Heat shields may be of brick, pumice,
concrete or fire rated board, Gibraltar Board
cannot be used. They are to extend from
the floor or hearth to at least 500 mm above
the height of the flue nozzle, and there
must be a 25 mm minimum air space between
the shield and combustible material. Stoves
may be placed at a distance of 150 mm from
the shield, providing the flue is at least
225 mm from the heat sensitive material.
Note: We would recommend that flues be
305 mm from wooden walls.

Minimum thickness of shield:

Brick	100 mm
Pumice	50 mm
Fire rated board	12 mm

Distances from walls (without heat shields)

Brick, block or concrete	150 mm
Gib Board or plaster lined	500 mm
Wood lined walls	635 mm



Installation of Solid Fuel Burning or Oil Burning Spaceheaters

Notes for guidance of applicants when applying for Consent to install a solid fuel burning or oil burning spaceheater.

1. Fill in all the details on building consent application form.
2. Forward form(s) to Council with two (2) copies of the manufacturer's installation instructions. These are to be accompanied by a sketch plan showing location of appliance.
3. If installing a Wet Back to the log fire, a tempering valve must be fitted to all cylinders and storage heaters.
4. **Free Standing Appliance**
 - a) Appliance must be seismically restrained (ie; bolted down).
 - b) Ceiling plate should not be fixed to the ceiling until inspected and certified.
5. **Installation of Heater into Existing Open Fire Places**
 - a) Chimney shall be swept and thoroughly examined for **soundness by the installer**.
 - b) Check joint between chimney and surround for tightness.
 - c) If a non-zero clearance (or a non-Appendix J tested) model is to be fitted, an inspection hole will have to be made above the mantel to ensure all timber is 50 mm clear of the chimney breastwork.
 - d) An inspection of this clearance must be made by the Building Inspector prior to sealing up the inspection panel.
 - e) A stainless steel flue must be installed to the full length of the chimney.
6. **DO NOT** light the fire until it has been inspected.
7. Please ring Building Control Section of the Marlborough District Council telephone 577 2517 and arrange for inspection of installed appliance. At least 24 hours notice is required.
8. The issue of a Code Compliance Certificate does not warrant the appliance.
9. I agree to follow the above instructions, and install the unit in accordance with the manufacturer's installation instructions.

Signed by Applicant:

V. G. Jacob

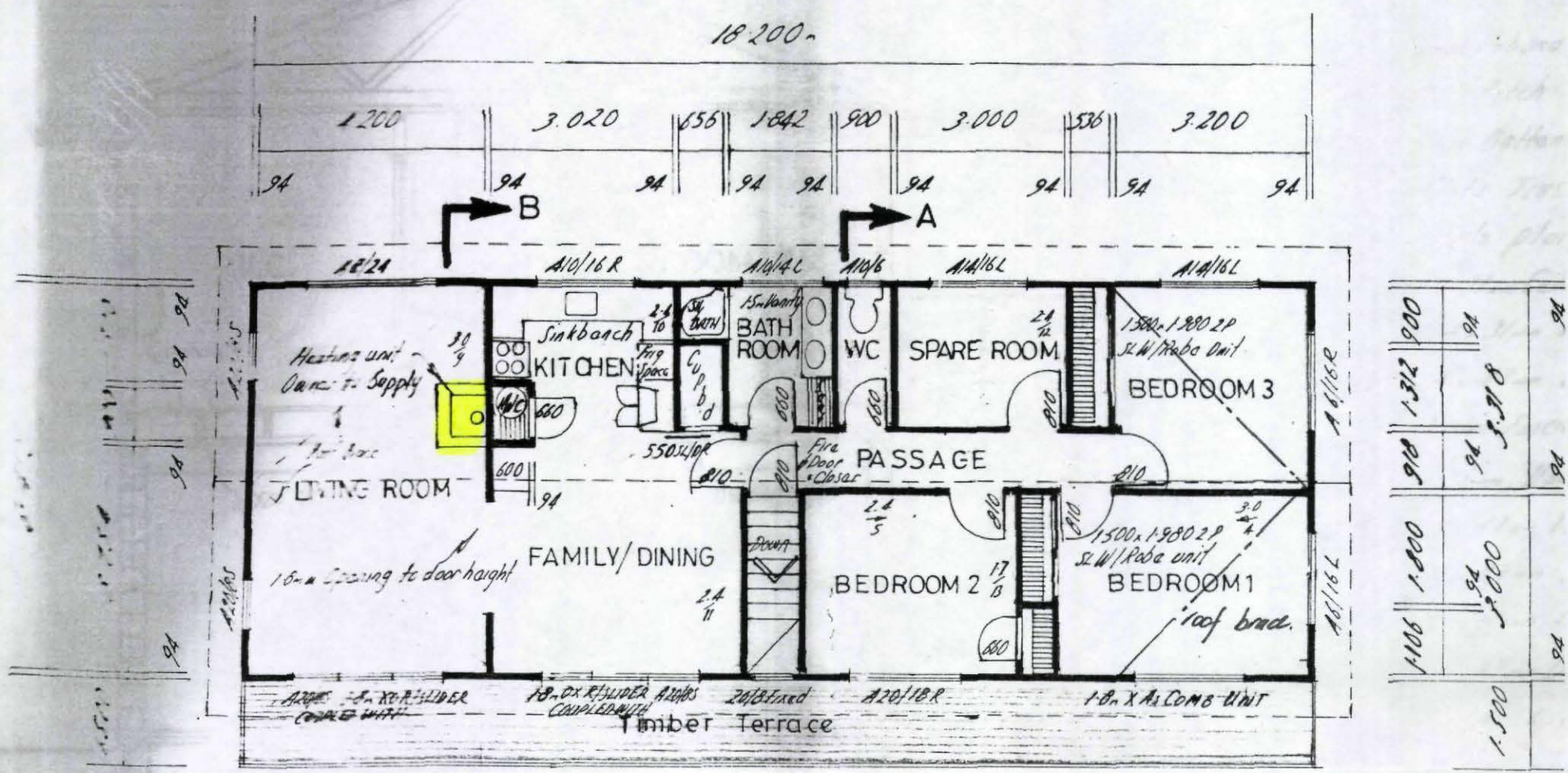
Address:

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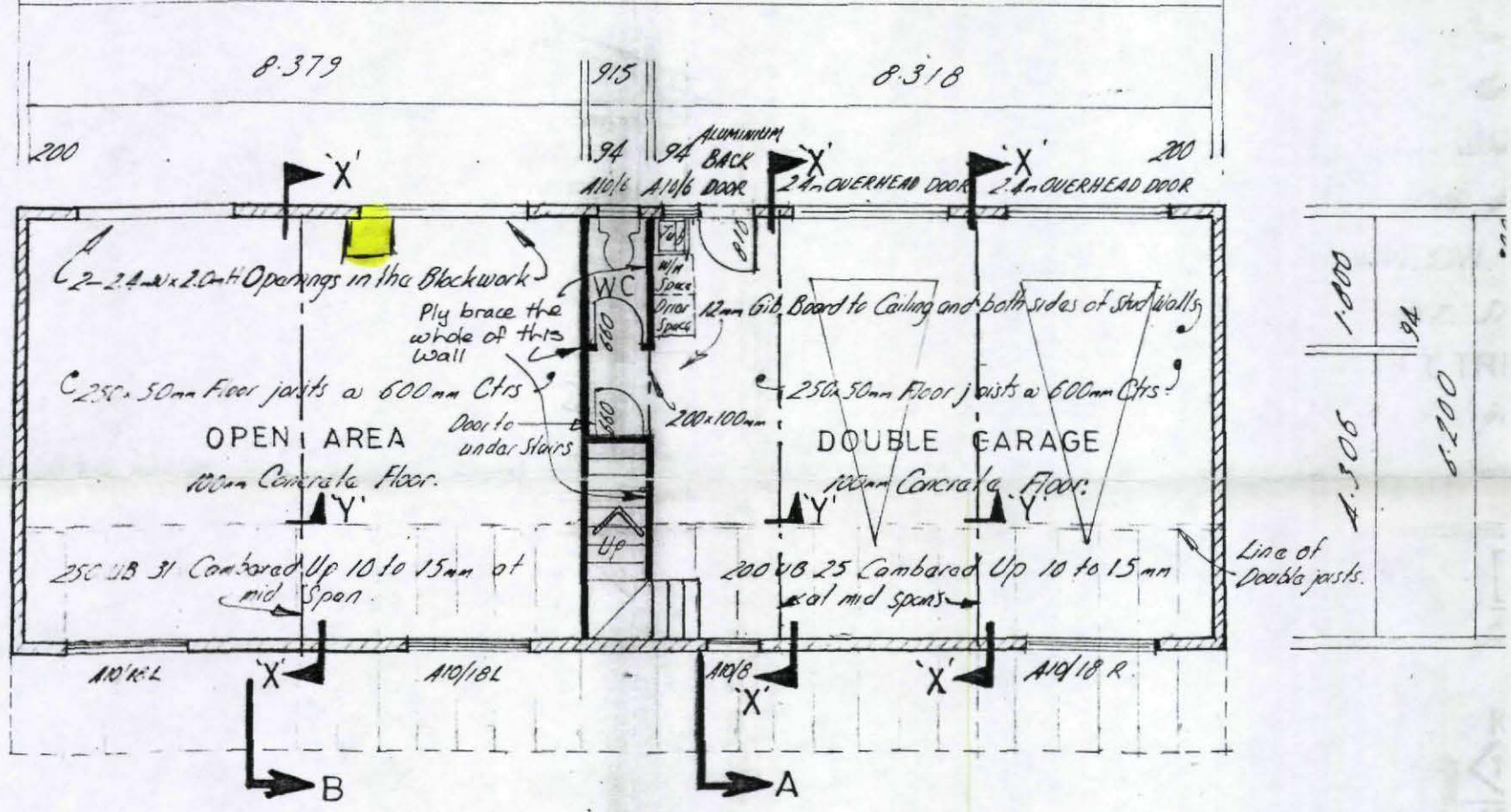
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FIRST FLOOR
 18.200m



GROUND FLOOR
 Scale 1:100

$$A = 120.12m^2 \text{ c/floor} (1293^{\circ}) + 120.12m^2 \text{ c/block} (1293^{\circ}) = 240.24m^2 \text{ c/A}$$

PROPOSED RESIDENCE FOR MR & MRS. L. COLLI