

# Council Records

These records were obtained in September 2022. NPDC is currently undergoing a review of the property search report content. As such the documentation provided by the NPDC may not be a complete full record. We suggest you get your own professional advice on the provided content and in fact any NPDC files for this property.

No. 26<sup>C</sup> Sec. \_\_\_\_\_ Lot 2 D.P. 15452  
Address Nevada Drive

### DRAINAGE AND PLUMBING REGISTER

OWNER DB & AJ Roebuck

ADDRESS \_\_\_\_\_

BUILDER \_\_\_\_\_

PLUMBER K. Bint

DRAINLAYER \_\_\_\_\_

PERMITS

9/105/92

25/7/92

PLUMBING \_\_\_\_\_

DRAINAGE \_\_\_\_\_

VALUE \$200

NATURE OF WORK Add to Dwelling

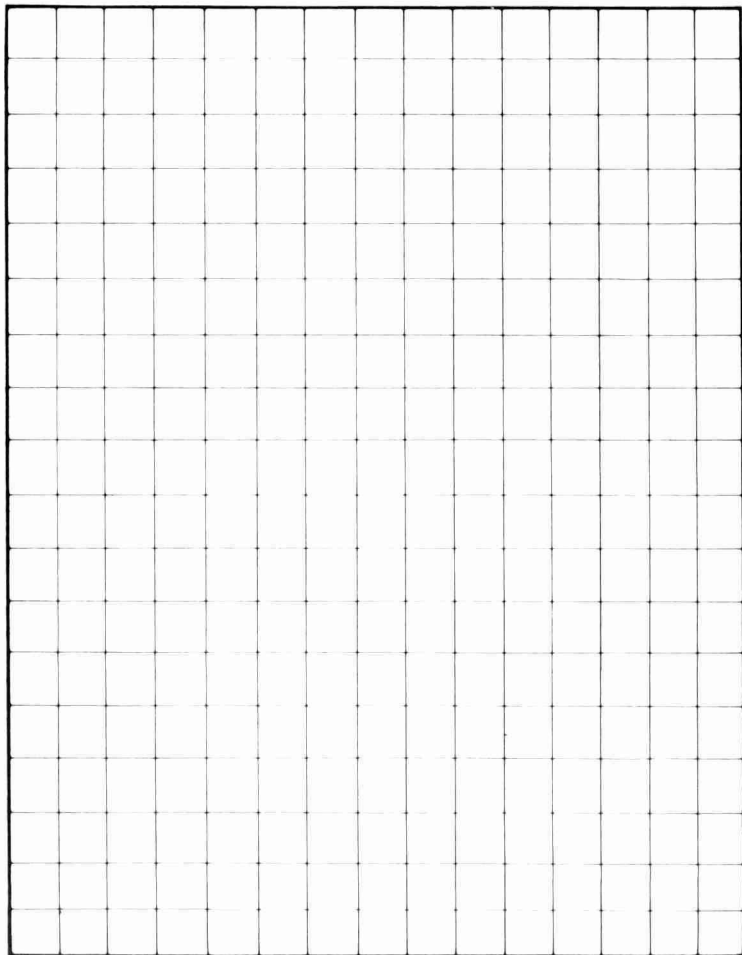
DRAIN SATISFACTORY ...../...../..... PLUMBING SATISFACTORY ...../...../.....

FALL AND DESCRIPTION .....

Rec. 41574

Inspector

## DRAINAGE PLAN



FRONTAGE

Masterprint 10287

No. 26~~BC~~ Sec. \_\_\_\_\_ Lot. 2 D.P. 10143  
Address NEVADA DRIVE

## DRAINAGE AND PLUMBING REGISTER

OWNER <u>N J BARNES</u>	7/56/82 PERMITS <del>1703</del> 1821
ADDRESS _____	PLUMBING <u>900.00</u>
BUILDER <u>SELF</u>	DRAINAGE <u>400.00</u>
PLUMBER <u>G. PAUL</u>	VALUE <u>\$1300.00</u>
DRAINLAYER <u>G. Paul</u>	

NATURE OF WORK DWELLING

DRAIN TESTED 2/11/82 M.H. PLUMBING PASSED 18/3/83

FALL AND DESCRIPTION Plumbing complete N/S  
C-12-81

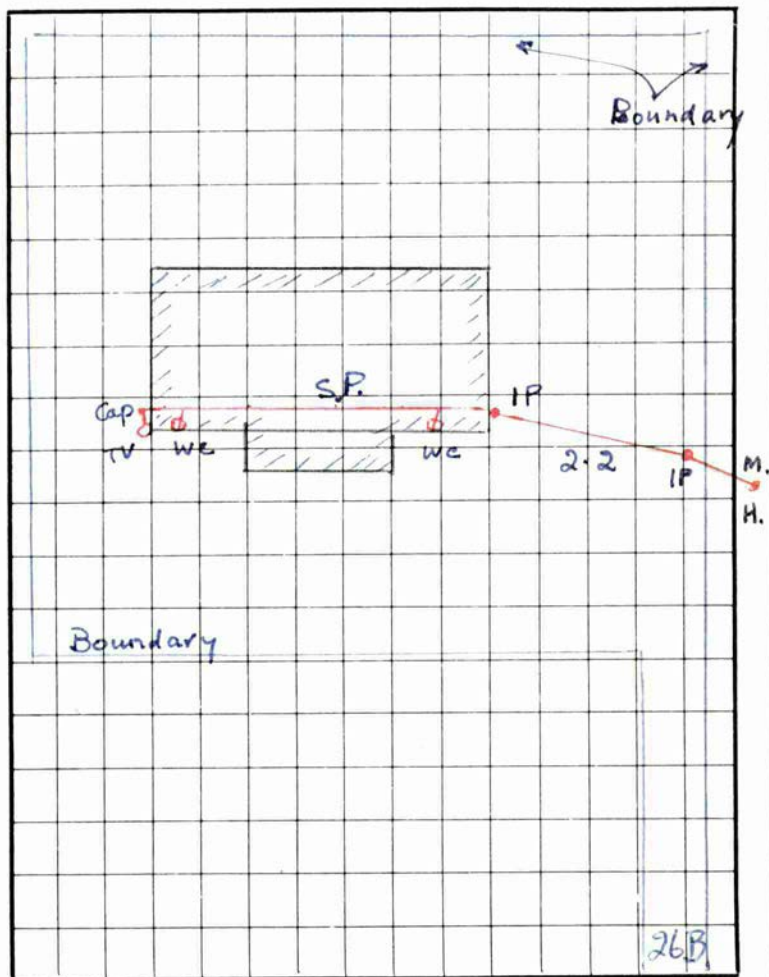
STORMWATER

CHECKED

Inspector.



# DRAINAGE PLAN SCALE



FRONTAGE NEVADA DRIVE

**UNAUTHORISED WORKS**

**BUILDING CONSENT**

**35644A**

**PROPERTY ID**

**007925**



**35644A**

Related: Application No: 35644 Date Received: 10/01/01  
 Application No: Area: NP DISTRICT

Name: BEAUMONT, Gordon Henry  
 Address: 26C NEVADA DRIVE  
 NEW PLYMOUTH 4601

Lot: 1  
 DP: 15452  
 Property ID: 039635

Assessment:

Action No	Action	Estab	Date Returned		
1	Accept & Plot	CLERICAL			
3	Check for Compliance with Dist. P	PLANNING			
4	Building Act Compliance	BUILDING	26.11.01	-	
6	Building Act Health Compliance	HEALTH			
7	Structural Check	ENGINEER			
9	Off Site Services	SEWER/WATER			
10	Final Approval	CLERICAL			
E=N=D==O=F==R=E=P=O=R-T====E=N=D==O=F==R=E=P=O=R-T=E=N=D==O=F==R=E=P=O=R-T====					
Unauthorised Works					
			More Info Required	Applicant Phoned	Application Correct

Drainage Plans Enclosed Yes/No

Plans Taken Yes/No

*Garg recommend plans for conservatory at 31.1.01*



Approved

Not Approved

*[Signature]* 27.1.01  
*[Signature]* 11.1.01

*Unauthorised Works*

# UNAUTHORISED WORKS

Please provide the following information.

Full construction details of the deck are required.

(The floor plan and elevations differ for pile layout and bearers.) please show clearly the bearer size and span between piles, the joist size, spacing between joists and the length of cantilever of the joists.

Please show the method of fixing the bearers to the posts and the size and fixing method of the braces.

The barrier design is to be detailed including the method of fixing the baluster posts. Please provide a detail of how the conservatory is weather proofed to the deck. (is deck raised under conservatory)

A hand rail to the steps is required.



# UNAUTHORISED WORKS

A site visit was carried out on the 31. January 2001 of the conservatory it is a standard conservatory with the lower ~~the~~ glazing in a golden fancy glass. The original decking appears it may have been removed and a hardi sheet material screwed fixed to the joists. The conservatory is well sealed and no signs of water leaks to the interior. It is recommended the unauthorised work registration be issued for the conservatory at Ref 31-1-01

# UNAUTHORISED WORKS

Engineering

## PIM Information to be sent

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Grease Trap    | <input type="checkbox"/> Building Business               | <b>BIA Guides</b><br><input type="checkbox"/> 1. How it works<br><input type="checkbox"/> 2. New terms and procedures<br><input type="checkbox"/> 3. Getting approval<br><input type="checkbox"/> 4. Acceptable solutions<br><input type="checkbox"/> 5. Compliance schedules<br><input type="checkbox"/> 6. Building WOF - Responsibility and liability of Building owners<br><input type="checkbox"/> 7. The Building Industry Authority Levy |
| <input type="checkbox"/> Septic Tank    | <input type="checkbox"/> WOF Poster                      |   |
| <input type="checkbox"/> Septic Tank LI | <input type="checkbox"/> Compliance Schedule             |   |
| <input type="checkbox"/> Sewer Pump     | <input type="checkbox"/> BRANZ Advisers                  |   |
| <input type="checkbox"/> Swimming Pool  | <input type="checkbox"/> Building Magazine Sub           |   |
| <input type="checkbox"/> Noise Control  | <input type="checkbox"/> Electrical Safety               |   |
| <input type="checkbox"/> Demolition     | <input type="checkbox"/> Playground Checklist            |   |
| <input type="checkbox"/> Rural Fire     | <input type="checkbox"/> Minimum Standard of Application |   |

Other

# UNAUTHORISED WORKS

New Plymouth District Council

Printed: 10 Jan 01 Page 1

## COVER SHEET

Application No: 35644 Date Received: 10/01/01  
Related: Application No: Area: NP DISTRICT

Name: BEAUMONT, Gordon Henry  
Address: 26C NEVADA DRIVE  
NEW PLYMOUTH 4601

Lot: 1  
DP: 15452

Assessment:

Property ID: 039635

Action No	Action	Estab	Date Returned
1	Accept & Plot	CLERICAL	
3	Check for Compliance with Dist. P	PLANNING	
4	Building Act Compliance	BUILDING	
6	Building Act Health Compliance	HEALTH	
7	Structural Check	ENGINEER	
9	Off Site Services	SEWER/WATER	
10	Final Approval	CLERICAL	

Unauthorised  
Works.

E=N=D==O=F==R=E=P=O=R=T====E=N=D==O=F==R=E=P=O=R=T=E=N=D==O=F==R=E=P=O=R=T====

Not Approved Planning*		Actions	Date/Initial
<div>Reason(s) <input type="checkbox"/> Bulk/Location <input type="checkbox"/> Resource Consent <input type="checkbox"/> Trees/Heritage <input type="checkbox"/> Parking/Load <input type="checkbox"/> Landscaping <input type="checkbox"/> Hazard</div>	Sign/Date		
	Other		
	* S35(1A) to Building Act to apply if Building Consent Issued		
	Approved Planning		
<div>Building Consent Conditions Required <input type="checkbox"/> S36 BA <input type="checkbox"/> Landscaping <input type="checkbox"/> Trees/Heritage <input type="checkbox"/> S37 BA <input type="checkbox"/> RC Condition <input type="checkbox"/></div>	Sign/Date		
	Other		
	Actions		Date/Initial



# UNAUTHORISED WORKS

Only include information relevant to this project - Complete prior to processing

[illegible]



## Comments/Letters

**UNAUTHORISED WORKS**  
Put "quotation marks" at start/finish of letter to be typed - Precede letters to be sent ASAP with "Urgent"

[illegible]

# UNAUTHORISED WORKS

Application No.

35644



## NEW PLYMOUTH DISTRICT COUNCIL

**PLANNING & ENVIRONMENTAL SERVICES DEPARTMENT**

PRIVATE BAG 2025, NEW PLYMOUTH 4260: PHONE (06) 759 6060 FAX (06) 759 6118

### APPLICATION FOR REGISTRATION OF UNAUTHORISED WORKS

FOR OFFICE USE

Parcel

039635

Scale

OFM 1:148

#### DETAILS OF PROPERTY TO WHICH THIS APPLICATION APPLIES:

SITE ADDRESS:

26c

Street No.

NUEVA A Drive

Street

McKinnons

Town/District

Lot:

1

DP:

15452

or Section No.

—

District:

—

OWNER'S NAME

BENNETT, G &amp; A

Surname or company name

51773

OWNER'S POSTAL ADDRESS - if different from 'SITE ADDRESS'

—

Street No.

—

Street/PO /Private Bag

—

Town/District

#### APPLICANT'S DETAILS (Second Person):

Tick this box if the applicant is the owner

If the applicant *is not* the owner, please give applicant details:

—

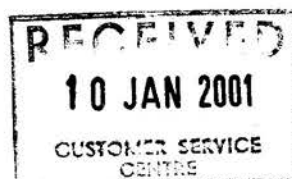
Surname

—

First Names

—

Company name



10 20



# UNAUTHORISED WORKS

MAIL ADDRESS FOR ALL CORRESPONDENCE RELATING TO THIS APPLICATION

NAME:

CT Beaumont

Surname or company name

Gordon

First names

ADDRESS:

26c

Street No

Nevada Drive

Street/PO Box /Private Bag

Town/District

PHONE:

STD

7572415

FAX:

STD

## DESCRIPTION OF BUILDING WORK AND USE:

Description eg garage, deck, dwelling, shop, plumbing and drainage

~~Deck~~ / Conservatory

## TYPE OF WORK:

Alteration ☐

Addition ☒

Demolition ☐

Plumbing and Drainage Only ☐

Relocation ☐

Change of Use ☐

Stand Alone Building ☐

## TOTAL COST OF PROJECT:

\$ 7500 • 00 Inc GST

## TOTAL COST OF PLUMBING & DRAINAGE:

\$ — • 00 Inc GST

## PROJECT DETAILS: Category of Works

Domestic ☒

Farm ☐

Commercial ☐

Industrial ☐

## AREA OF BUILDING WORKS:

12 m<sup>2</sup>

**DECLARATION** – This application to record unauthorised works is made by me as owner of the property.

Signature:

*CT Beaumont*

Date:

*03/01/06*

OR I am the applicant and have been authorised by the owner to make this application

Signature:

*[Signature]*

Date:

*[Date]*

NEED HELP?

PLEASE REFER ANY QUERIES REGARDING THIS APPLICATION TO:

BUILDING CONSENTS SECTION. Phone (06) 759 6060 Fax (06) 759 6118

# UNAUTHORISED WORKS

## CHECK LIST

### INFORMATION INCLUDED WITH YOUR APPLICATION

An incomplete application is likely to be subject to delays. It is recommended that you complete and present this check list with your application. This will enable Council staff to assist you in reducing the possibility of such delays occurring.

	PROVIDED
1. THREE COPIES OF ALL INFORMATION UNLESS SPECIFIED	
2. PLANS DRAWN TO A RECOGNISED METRIC SCALE	
3. PLANS TO BE REPRODUCED IN DARK PERMANENT LINES Pencil originals are not acceptable.	
4. SITE PLAN THE FOLLOWING INFORMATION IS REQUIRED i) Sufficient dimensions need to be shown to fix the location of the building work relative to site boundaries and existing buildings; ii) Any projection or encroachment over a road or public place; iii) The location of existing and proposed stormwater and/or sewer services, easements or wells; vi) Details of any buildings or sites which are of cultural or historic significance.	
5. ELEVATIONS AND CROSS SECTIONS OF THE BUILDING WORK These need to show the existing ground lines and intended site works. The critical ground lines are at the foundations and at the boundary. High density unit developments, large houses may also require actual ground levels and floor levels to be stated and a datum reference to be fixed.	
6. CONSTRUCTION DETAILS i) Foundation sizes, shapes and reinforcing and spacings; ii) All timber sizes, spacings and spans for wall and door framing, lintels and beams; iii) All window and door sizes, detailing opening and fixed windows; iv) A heat balance calculation or thermal insulation to be shown on the plans; v) All work beyond the scope of NZS 3604 will require engineer's calculations or a producer statement.	
7. DETAILS OF ANY KNOWN FILL, FLOODING OR OTHER HAZARD AFFECTING THE PROPERTY	



# UNAUTHORISED WORKS



## PLANNING AND ENVIRONMENTAL SERVICES DEPARTMENT

### MEMORANDUM

31 January 2001

File: APP 35644

MEMO TO:           **SENIOR CONSENTS OFFICER: APPROVALS**

FROM:               **TECHNICAL SUPPORT OFFICER**

SUBJECT:           **UNAUTHORISED WORKS – 26 C NEVADA DRIVE, NEW PLYMOUTH**

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A site visit was carried out on the 31 January 2001 of the conservatory, it is a standard conservatory with the lower glazing in a golden fancy glass. The original decking appears it may have been removed and a Hardi sheet material screwed to the joists.

The conservatory is well sealed and no signs of water leaks to the interior. It is recommend the Unauthorised Works Registration be issued for the conservatory.

N Morris  
TECHNICAL SUPPORT OFFICER

# UNAUTHORISED WORKS

ID: 039635  
APP: 35644

11 January 2001

G Beaumont  
26 C Nevada Drive  
NEW PLYMOUTH

Dear Mr Beaumont

## CONSERVATORY – 26C NEVADA DRIVE

I acknowledge receiving your Registration of Unauthorised Works Application dated **10 January** but wish to advise that the plans and specifications submitted do not fully comply with the Building Code and/or legislation. Further processing of this work will be suspended until amendments or the required additional information is received. The permitted period of suspension will be **up to 20 working days** within which time it is considered all information should have been submitted.

### Building

- ✓ 1. Full construction details of the deck are required.
- 2. The floor plan and elevations differ for pile layout. Please show clearly the bearer size and span between piles, the joist size, spacing between joists and the length of cantilever of the joists.
- ✓ 3. Show the method of fixing the bearers to the posts and the size and fixing method of the braces.
- ✓ 4. The barrier design is to be detailed including the method of fixing the baluster posts.
- ✓ 5. Provide a detail of how the conservatory is weather proofed to the deck (is deck raised under conservatory).
- ✓ 6. A handrail to the steps is required.

Any remedial work as required by these drawings shall be satisfactorily carried out and reinspected before issue of the Registration Certificate.

Should you envisage difficulty in providing additional information within the given time or wish to discuss the matter Council Officers will be pleased to provide assistance.

Yours faithfully

AUTHORISED OFFICER

# UNAUTHORISED WORKS

Unauthorised /Unrecorded Works Registration No:35644  
THIS IS NOT A BUILDING CONSENT

Issued:31Jan01

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**APPLICANT :** MR Gordon Henry BEAUMONT  
26C NEVADA DRIVE  
NEW PLYMOUTH 4601

Application received: 11Jan01

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## PROJECT LOCATION

Street Address: 26C NEVADA DRIVE, NEW PLYMOUTH 4601  
Property ID: 039635  
Assessment No:  
Legal: LOT 1 DP 15452

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## COUNCIL CHARGES

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

Receipt number: 1336844      Date: 10Jan01      Amount: \$148.00

---

## 1: Why Register Unauthorised Works ?:

Section 33 to the Building Act 1991 precludes the issue of a retrospective Building Consent by the Council. Section 43 to this Act also precludes the Council issuing a Code Compliance Certificate for work for which no Building Consent has been issued.

The primary focus of the Building Act is to ensure that building works and buildings are safe and also healthy for use and occupation.

The Registration of Unauthorised Works is a means of providing a report on file for future reference and property related enquiries that the unauthorised work is sound and complies with the N.Z. Building Code to the extent that can be reasonably ascertained upon inspection of the completed work(s).

## 2: Conditions and/or Limitations applying to this Registration:

The registration is for the conservatory as detailed on the application plans.

# UNAUTHORISED WORKS

## 3: Comments Regarding this Registration:

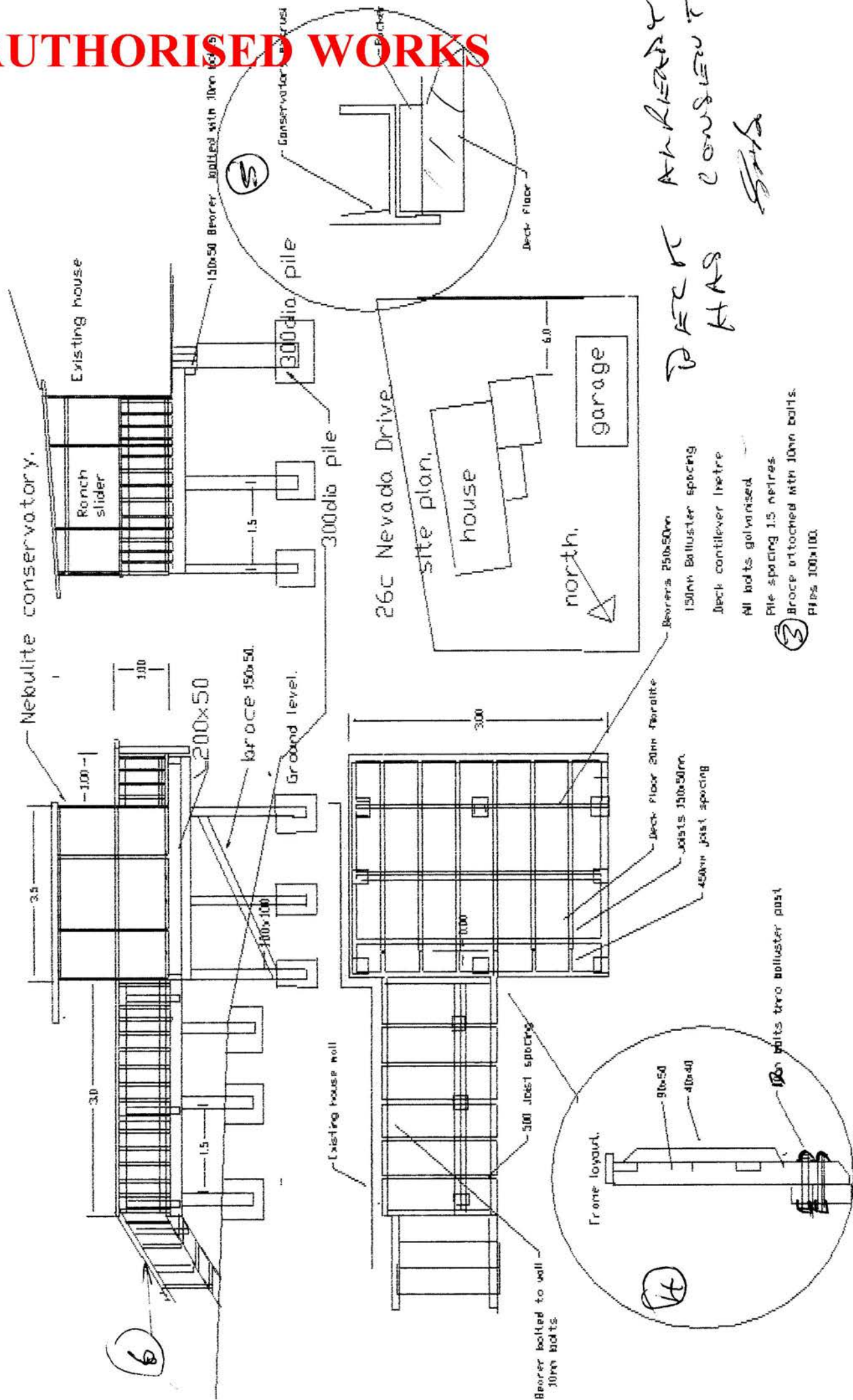
No comments.

Authorised Officer .....

Date .....



# UNAUTHORISED WORKS



DECK  
HAS  
CONSERVATORY  
5/15

3

4



UNAUTHORISED WORKS

Drawn by	14-07-98
Date	14-07-98
By	14-07-98

This Drawing is Produced by Copyright © Fletcher Aluminium Ltd

1000 SERIES CONSERVATORY

PERIMETER FIXING-THERMAROOF TO HOUSE

5 - 8

1000 SERIES CONSERVATORY

PERIMETER FIXING-THERMAROOF TO HOUSE

5 - 8

1000 SERIES CONSERVATORY

PERIMETER FIXING-THERMAROOF TO HOUSE

5 - 8

1000 SERIES CONSERVATORY

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1000 SERIES CONSERVATORY

PERIMETER FIXING-THERMAROOF TO HOUSE

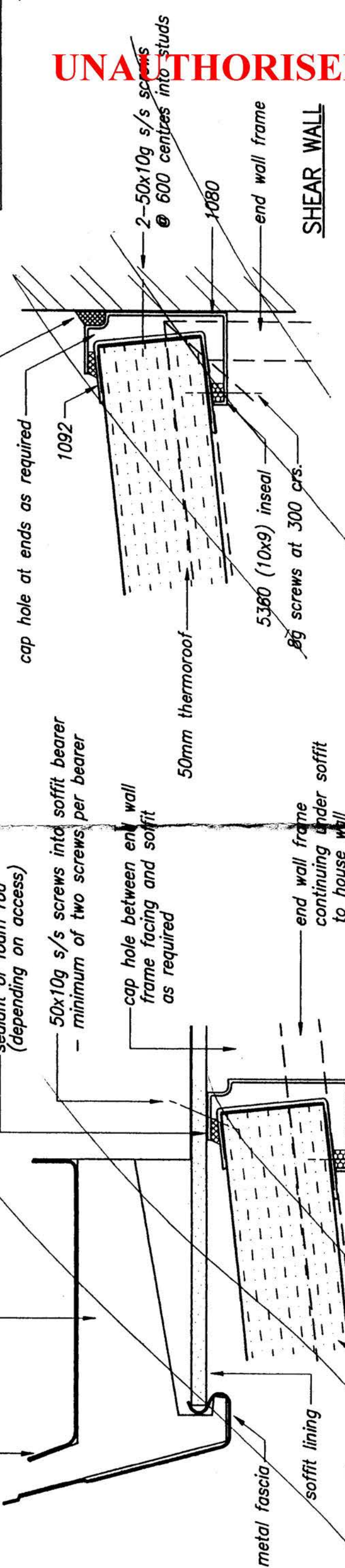
5 - 8

1000 SERIES CONSERVATORY

PERIMETER FIXING-THERMAROOF TO HOUSE

5 - 8

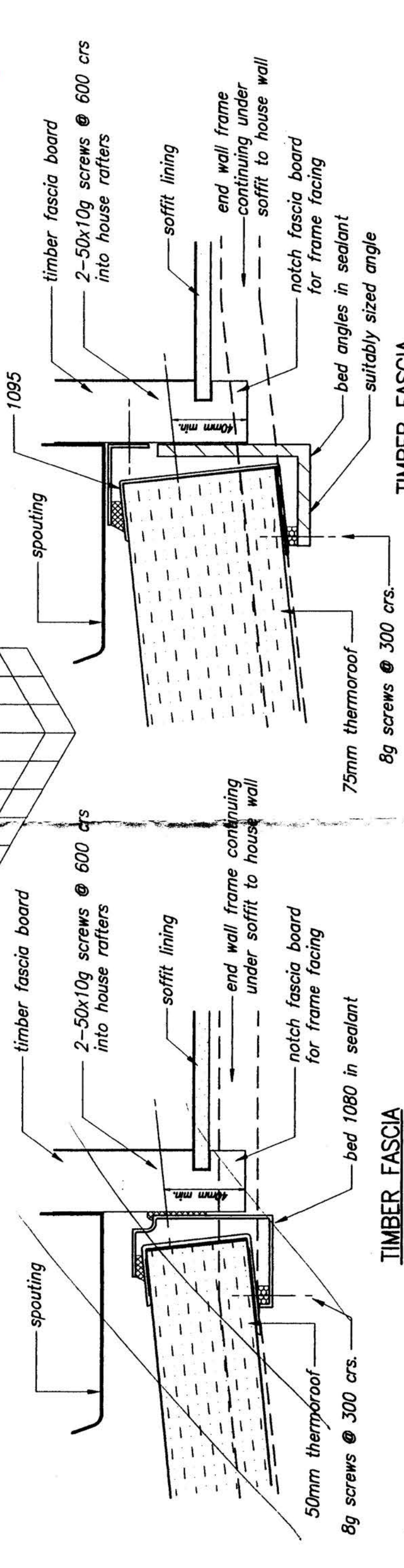
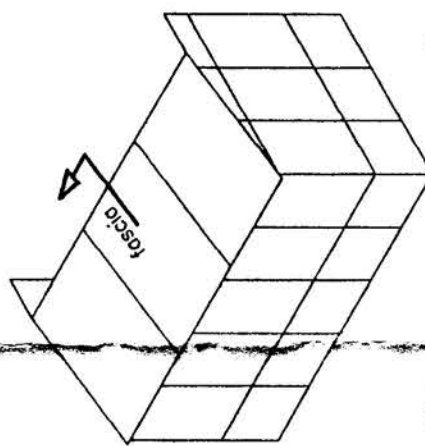
1000 SERIES CONSERVATORY



**METAL FASCIA**

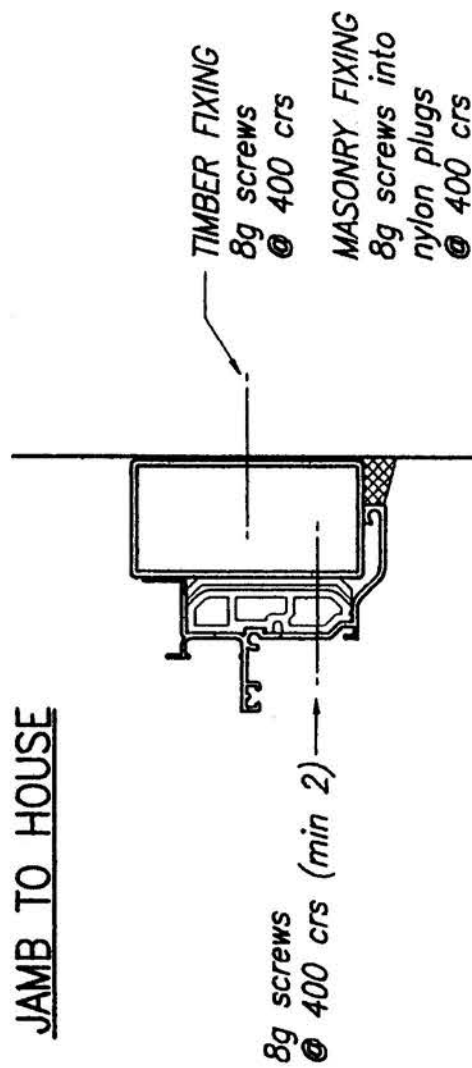
**IMPORTANT NOTE;**  
never fix conservatory roofs to metal fascia or soffit linings, always look for soffit bearers under linings

**IMPORTANT NOTES**  
1. All Thermaroom sealants silaflex or neutral cure ONLY  
2. Thermaroom comes in one colour only - "Titanic"  
3. 1092/1095 must always cover exposed insulation so that panels cannot delaminate.

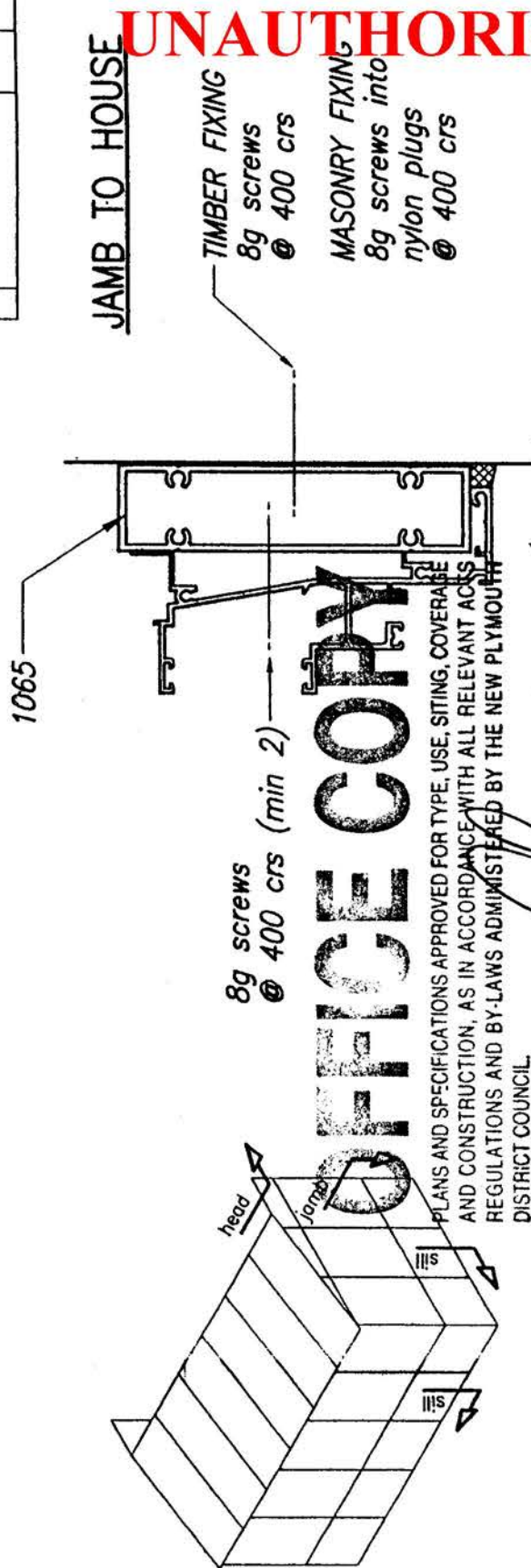




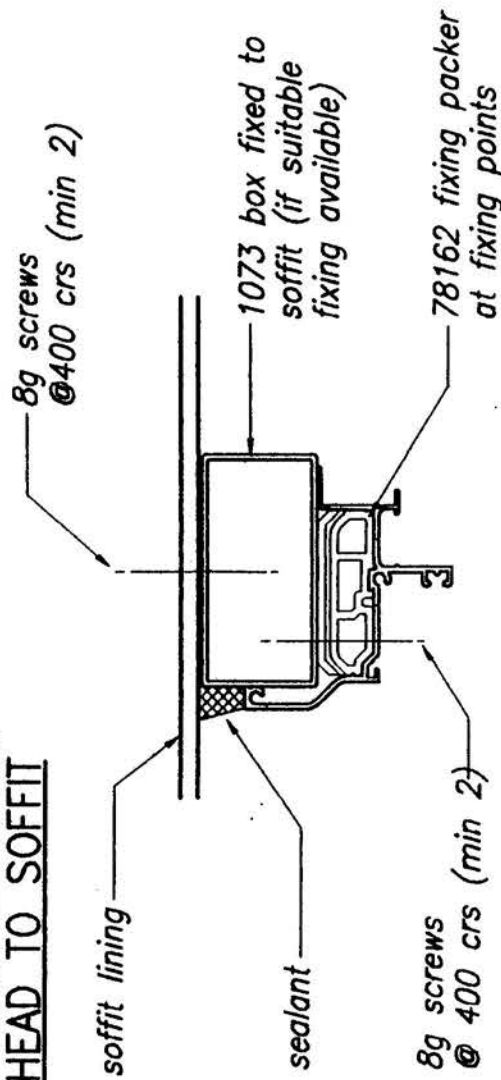
### JAMB TO HOUSE



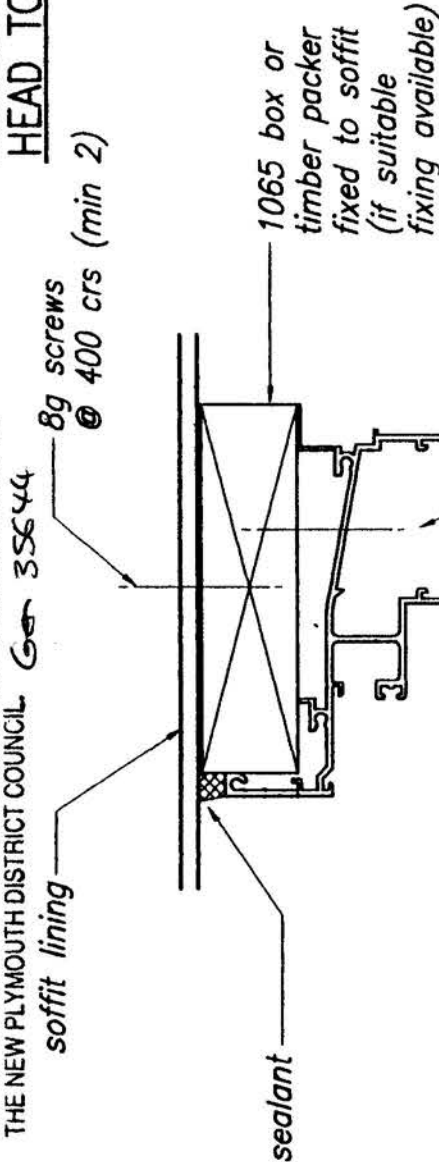
### JAMB TO HOUSE



### END WALL FRAME HEAD TO SOFFIT



### END WALL FRAME HEAD TO SOFFIT

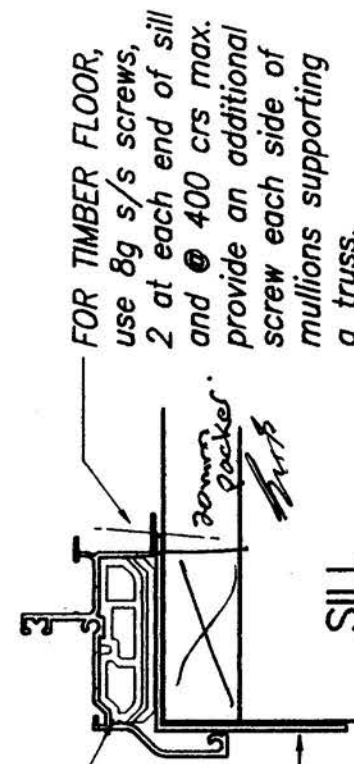


APPROVED. DATE 21.1.01

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH DISTRICT COUNCIL. 35644

### 78162 fixing packer at fixing points

suitable angle as flashing if more facing cover is required.



use 1027 fixing fin if req. to gain edge distance for fixings

8g screws @ 400 crs (min 2)

FOR CONCRETE FLOOR, use Ramset Shure Drive metal nail anchors @ 600 crs max. and 1 either side of mullions supporting a truss. Observe manufacturers minimum edge distance recommendations.

SILL

SILL

Manufacturing Details  
1000 SERIES CONSERVATORY

PERIMETER FIXING-FRAMES TO HOUSE

Master file Approved: [Signature]  
Drawn by: Dennis Pool  
Date drawn: 14-07-98  
Reference: 01-03-130  
Scale: 1:2  
Original A3

Section

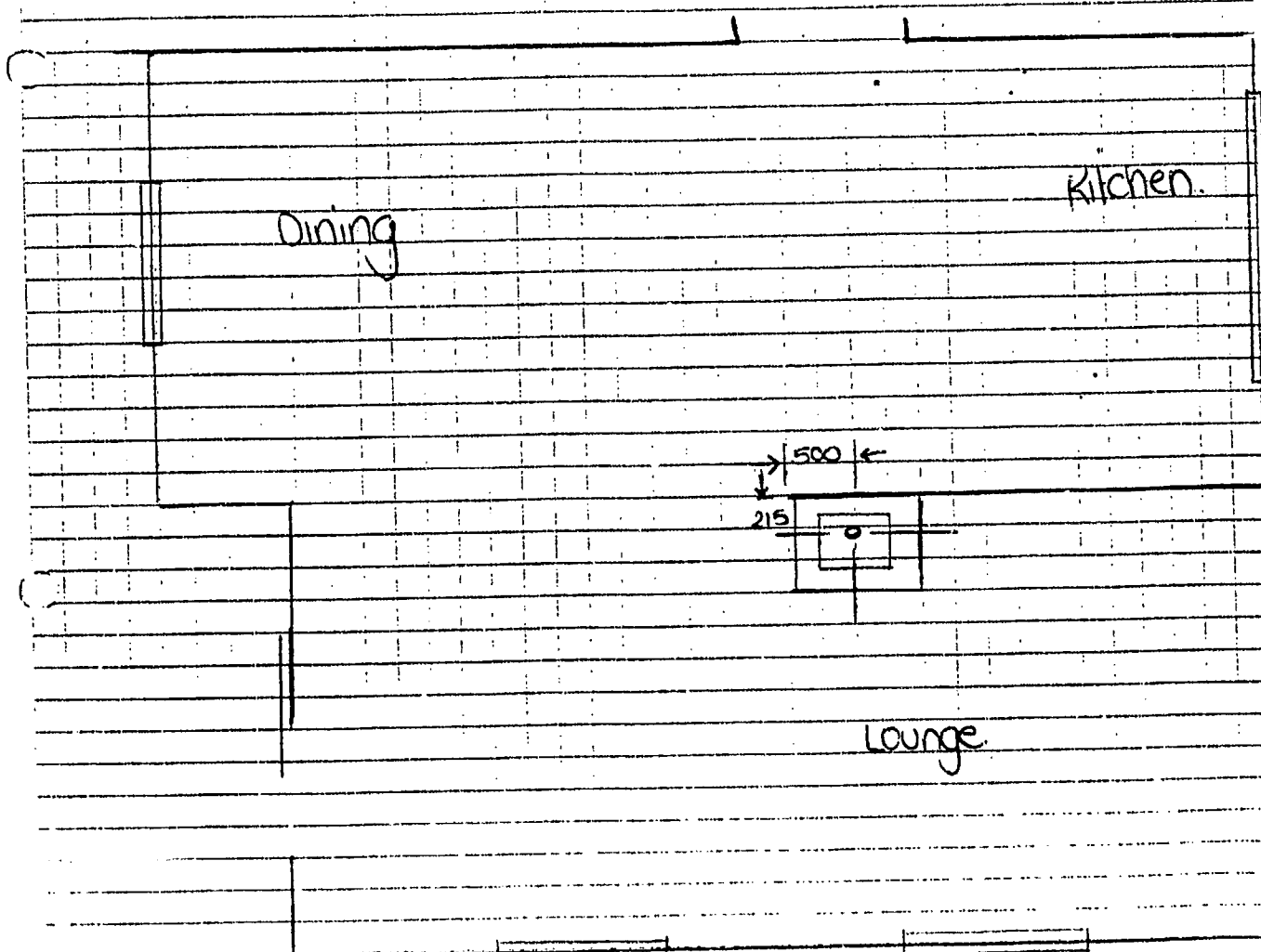
Sheet

5 - 9

Issue

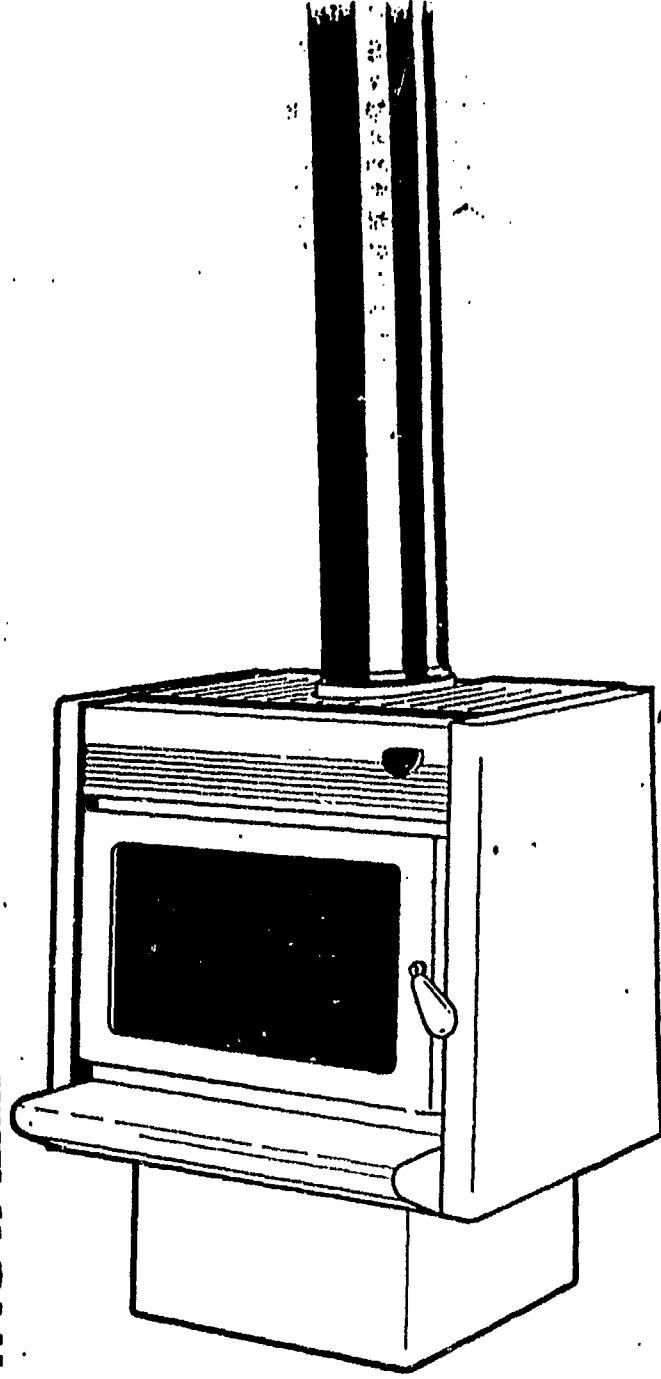
INSTALLERS NAME: Ted Goffe  
NAME (INSTALLATION): Beaumont  
ADDRESS (INSTALLATION): 26 C Nevada Dr, N.P.  
MAKE: Pioneer metal MODEL: ..... F/S ☒ I/B ☐  
HEARTH: NEW ☒ EXISTING ☐  
WET BACK: NEW ☐ EXISTING ☐  
CHIMNEY: BRICK ☐ PRECAST ☐ POURED ☐ S/S ☒

1st 2 lengths brown  
with enamel.



# METRO

INSTALLATION AND OPERATION MANUAL



## IMPORTANT MESSAGE TO THE OWNER

Congratulations on your selection of the Metro woodfire, this low emission low combustion appliance is designed to give you many years of warmth and service.

Please ensure you read this manual fully and become conversant with the correct operation of your Metro. A consent is required from your local building authority which is the owner's responsibility to obtain.

As correct installation is critical to the performance and safe operation, it is recommended your Metro be installed by a registered installer or a person suitably qualified in the installation of wood burning fires, your Metro retailer will be able to arrange professional installation for you. Please take particular note of the following:-

- During the very first fire the Metro will give off an odour and fumes as the firebox paint cures. Do not be alarmed as it will last for approx one hour only and will only happen this one time.
- Properly seasoned (Dry) timber is necessary for the Metro to operate efficiently, firewood that contains too much moisture will result in flue blockages and reduce the heat output of the Metro substantially.
- Never - Dry clothes on the heater
- Never - Empty ash into a plastic bucket or paper bag
- Never - Burn treated or un-seasoned (wet) wood
- Never - Operate the Metro with door ajar except on start up
- Never - Operate the Metro with the Cook top grill removed as wall temperatures behind the Metro will be excessive.
- The Metro is an approved clean air appliance but the following must be noted and adhered to in clean air zones:-
  - Only wood with a moisture content of 25% or less may be used as a fuel, coal must not be used.
  - The off position on the air control setting must not be used.

## IMPORTANT MESSAGE TO THE INSTALLER

The Metro woodfire has been tested too and complies with AS2918 and NZS7421-1990 when installed in accordance with this manual. Please ensure you are fully conversant with this manual and these relevant standards. Correct installation is critical to the safe operation and performance of this heater, Please take particular note of the following:-

- A minimum 3.6 metres of 150mm dia flue is required, This flue must be fully encased from the ceiling to the cowl.
- All flue joints must be sealed and riveted, the bottom of the flue must be fully sealed into the flue stub.
- The Metro must be bolted through the hearth into the floor to comply with the seismic restraint provisions of NZS-7421.
- The Metro is coated in vitreous enamel or if silicon resin paint if it is a Metro Chameleon, take care during assembly, lifting and installation not to mark or damage the panels.

## ASSEMBLY

The Metro woodfire is packaged in a single palletised carton, to minimise freight damage the pedestal has not been attached in position but is packaged inside the firebox. Having Removed the cardboard and timber packaging and located this manual, familiarise yourself with the illustrations on the following page's 3 and 4 and proceed as detailed.

- Open the door, remove the cardboard box containing pedestal, side bricks, door handle, rear shield deflector and bolt bag.
- Remove the 2 x pozidrive screws from the base of the firebox which secure it to the wooden pallet, close and latch the door.
- Remove the "Cook top" grill and lay the collapsed Metro carton on the floor directly behind the Metro.
- Place one hand into and securely grip the flue outlet, place your other hand under the front of the pallet base and gently rotate the Metro backwards until it is resting on its back, discard the pallet.
- Fully open the Metro's door taking care that the door does not fall closed, take the 4 x 6mm bolts from the bolt bag and insert them through holes provided in the firebox base. Position the pedestal over the 4 x bolts and fit the nuts and washers supplied (refer diagram 1). Check to ensure the pedestal is correctly aligned and securely tighten the 4 nuts.
- Close and latch the door, taking grip of the flue outlet once more gently raise the Metro until it is upright. Refit the "cook top" grill and attach the door handle to the door latch assembly by screwing on clockwise.
- Attach the rear shield deflector to the rear panel directly behind the flue outlet, the angled sides point forward almost touching the cook top grill. secure with screw provided.
- 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 diagram 2.
- Fit the top baffle into position in the top chamber of the firebox where it is supported on 4 lugs. (note, the baffle must be held back against the rear of the firebox with the chamfered corners facing forward as shown in diagram 2)

Your Metro is now fully assembled and ready for installation. Due to the excessive weight of the Metro and the potential to damage panels through incorrect handling, any further moving of the appliance should involve two people each lifting under the side panels.



DIAGRAM 1

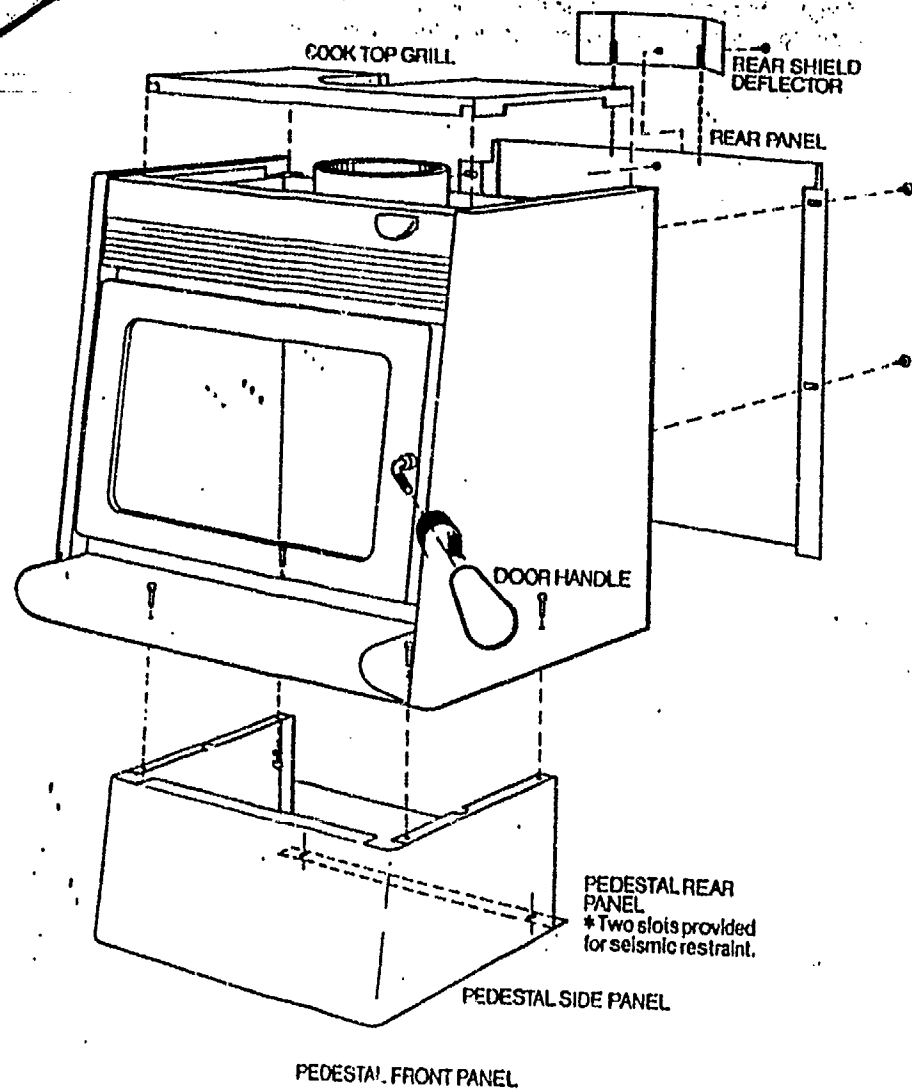
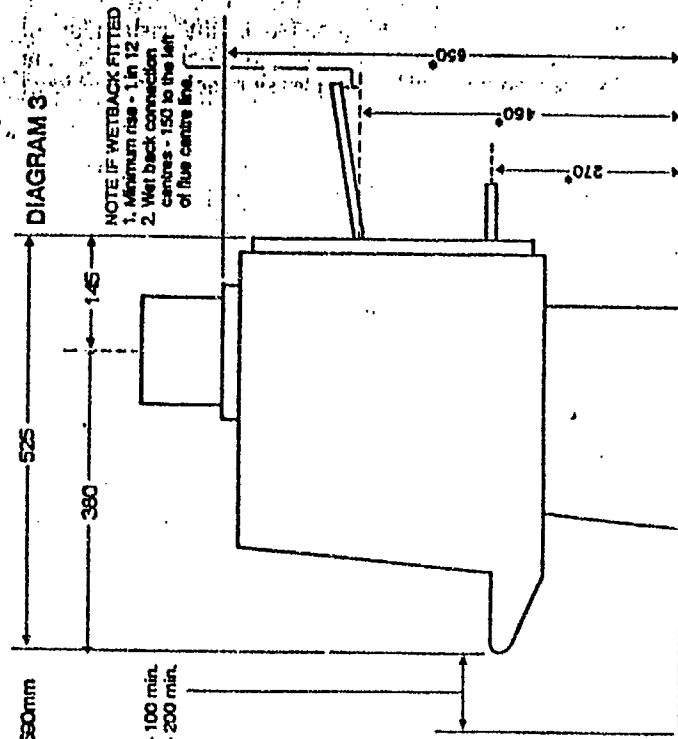


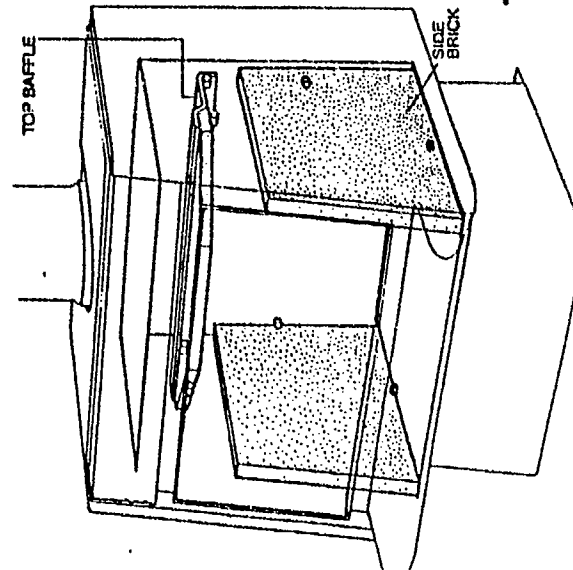
DIAGRAM 3



METRO WIDTH - 580mm

NEW ZEALAND - 100 min.  
AUSTRALIA - 200 min.

DIAGRAM 2



\*An alternative height pedestal is available which reduces the height of the wet back connections and the total height of the Metro by 60mm.  
NOTE: An insulating hearth is required when a reduced height pedestal is fitted.

It is important your Metro woodfire is installed by a qualified installer or a person suitably qualified in the installation of woodburning appliances. A building consent is required and the installation is usually checked on completion, please check with your local building authority.

**HEARTH** Prior to construction or placement of the hearth it is necessary to ensure there is clear access for the flue system through the roof cavity, it may be necessary to move the Metro's position slightly to avoid a roof truss etc. Pioneer manufacture custom made hearth's designed to compliment the styling of the Metro at an affordable price, consult your Metro retailer if you wish to consider a Metro hearth.

Your Metro does not require an insulating hearth but must be positioned on an ash hearth which should be of adequate size to give appropriate clearances and projections. The requirements for New Zealand and Australia differ and are set out as follows :-

**NZS 7421**-An ash hearth must extend 200mm horizontally in all directions directly below the door opening. The top surface of the ash hearth must be raised a minimum of 25mm above the surface of the combustible floor directly in front of the Metro.

**AS 2918**-An ash hearth must extend 200mm horizontally to the rear and each side directly below the door opening, and 300mm forward of the door opening.

A suitable ash hearth is any continuous non combustible surface which includes ceramic tiles with grouted joints fixed directly to timber flooring. If this type of hearth construction is proposed, it is recommended to lay a sheet of 6mm cement sheet (Harditex or villa board) as this will prevent movement of the tiles and cracking of the grout.

Once the hearth is constructed and in final position, the Metro can be positioned ensuring the correct wall clearances detailed on page 6 are maintained.

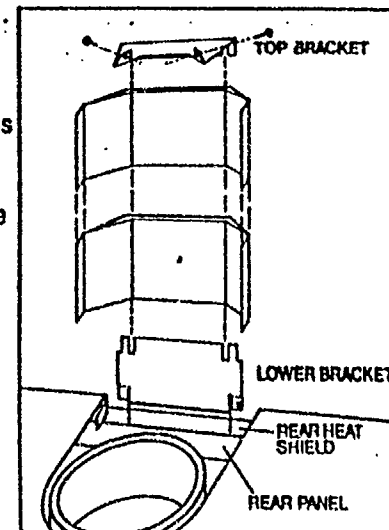
If in New Zealand seismic restraint is required, secure through the rear of the pedestal as shown in diagram 1. It is necessary to secure the Metro through the hearth into the floor.

Using a plumb-bob mark the ceiling at a point directly above the centre of the Metro's flue outlet. You are now ready to install the flue system.

**FLUE SYSTEM** The Metro requires a 150mm diameter stainless steel or vitreous enamel flue 3.6 metres in minimum length and terminate with a suitable cowl and flashing in clear undisturbed air. All flue pipe must be encased as detailed in NZS7421 / AS2918 within the roof cavity or where timber framing is in close proximity. It is also necessary to fully encase the flue pipe between the roof line and the cowl assembly at the top of the flue. All flue joints must be sealed and riveted and the bottom of the flue must be fully sealed into the flue outlet of the firebox, instructions are supplied with the flue pack.

**FLUESHIELD** Pioneer have developed a vented double flueshield 1200mm in length which enables the Metro to be installed with minimal wall clearances from combustible walls as detailed in the clearance schedule below. To fit the Pioneer double flueshield proceed as follows referring to the diagram shown :-

- \* Unpack the flueshield and brackets.
- \* Remove the plastic film from both the outer and inner face of the flueshield, a sharp knife or razor blade is required to clean up surplus plastic film left protruding from the crimped joint.
- \* Fit the unfolded lower bracket to the inner rear heat shield of the Metro directly behind the flue outlet, inside the top grill "cut out".
- \* Fit the folded top bracket centrally at the top of the "inner" flueshield facing forward.
- \* Lift the flueshield into position and locate the bottom of the "inner" flueshield onto the lower bracket previously fitted to the Metro.
- \* Attach the top bracket to the flue pipe using rivets or screws.



**CLEARANCES** Your Metro woodfire has been tested and approved to NZS7421 / AS2918 when installed in accordance with the following minimum clearances from combustible surfaces.

		AUSTRALIA	NEW ZEALAND
With Pioneer	REAR	50mm	50mm
Double	SIDE	320mm	300mm*
Flueshield	CORNER	100mm	100mm
Without	REAR	405mm	430mm
any	SIDE	320mm	300mm
Flueshield	CORNER	255mm	280mm

\* An optional Pioneer flue shield "side extension panel" is available which when fitted extends the flue shield depth 40mm and enables a reduction in side clearances to :-

- 270mm for conventional side wall installation
- 220mm providing the side wall does not protrude forward of the Metro (ie, alcove installation)



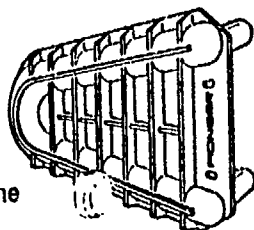
Place a quantity of crumpled newspaper on the base of the firebox, add dry kindling and ensure the air control is fully open. You may use commercial fire lighting products to start the start up of the fire but never use liquid fuels. Light the fire and leave the door ajar slightly if necessary, approximately 5 to 10mm for a few minutes while the fire establishes. Once burning, open the door and add 2 or 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. Once the fire is established regulate the air control to achieve the desired burn rate / heat output. Note the Metro should be operated with the air control operating in its lower movement range, in the unlikely event that you have a fire lift the air control knob slightly into the upper movement range and move it fully to the left OFF position. Note, during the first fire the Metro will give off an odour and fumes while the paint cures on the firebox, don't be concerned, it will last approximately one hour and only happens this one time.

**Normal operation** Always open the air control fully prior to opening the door then open the door slowly. When loading fuel always place the fuel to allow plenty of air space between the logs and leave on high for a minimum of 10 to 15 minutes. Never use the door to force a piece of wood into the firebox as this may cause the glass to break. When the ash level results in ash spilling out, remove the excess but always leave a layer of ash 10mm to 15mm deep in the bottom of the firebox. CAUTION only use metal containers for carrying or storing ash as it can retain heat for several days.

**Extended burning** It is most important if the Metro is to be refuelled and turned down for a slow extended burn that it be operated on high for a period of 10 to 15 minutes prior.

If the air control is turned down to a low setting to soon after refuelling or un-seasoned firewood is used, the excess creosote produced will reduce the life of the top baffle and the flue. In addition the output of the Metro will be greatly reduced and flue cleans will be required much more frequently.

**WET BACK** Your Metro can be fitted with optional water generators designed to give maximum output with minimal effect on the operation of the fire. Only the Pioneer Cast Jacket wetback system as illustrated should be fitted to the Metro as any alternative type will void the Metro's emission approvals and may seriously effect the performance of the appliance and void it's warranty.



The Metro wetback is available with either the standard 3Kw cast iron jacket or high output 4Kw alloy version. Both types have been independently tested in a Telarc registered laboratory and your Metro retailer will discuss your particular requirements with you to access which is best suited to your situation.

Both wetback options can be fitted to the inside rear of the firebox, with the connection pipes accessible as illustrated in diagram 3. Position of connection pipes with standard pedestal fitted are :-

Inlet = 270mm above hearth  
 Outlet = 460mm above hearth  
 Inlet and Outlet = 150mm left of flue centre (facing wall)

**NOTE.** An optional reduced height pedestal is available which lowers the above connection heights and the total height of the Metro by 60mm, if a reduced height pedestal is used the Metro must be installed on an insulating hearth.

To fit the Wetback proceed as follows :-

1. Remove the rear panel as illustrated in diagram 1 by removing the 4 pozl drive screws. Remove the 2 pre-punched knockouts from this panel.
2. Having removed the rear panel, 2 further knockouts will be visible and are to be removed from the inner rear heatshield.
3. Open the Metro's door and locate the wetback access cover plate fitted to the left hand side on the rear firebox wall, secured with 4 bolts. Remove all 4 bolts using a 10mm spanner and discard the cover plate.
4. An additional bolt head will be visible on the right hand side of the rear firebox wall, remove this also.
5. Using the tube of sealant supplied with the wetback, apply a liberal bead of sealant around both connection holes on the inside of the firebox. On the rear of the wetback casting apply the remaining contents of the tube equally around both connection pipes.
6. Fit the wetback into the firebox and position the connection pipes through the connection holes in the firebox. Securely attach the wet back using 3 of the bolts previously removed fitting them through the slots provided in the wetbacks jacket.
7. The wetback is ready for connection to the storage cylinder by a registered plumber.

**Note**

- \* The wetback can only be connected to a vented system.
- \* The return (hot) pipe should have a minimum rise of 1 in 12.
- \* The wetbacks performance will reduce as the distance to the storage cylinder increases, suggested maximum distance is 3 to 4 metres.

coated in vitreous enamel and will not be effected by normal  
or general house hold cleaners ,usually a wipe with a damp cloth  
the heater is not operating is all that is required .

Metro Chameleon's are coated with silicon resin based paint and will  
require periodic re-painting particularly on the ash lip and around the door  
opening . As a wide colour range of aerosols are available , you can  
change the colour of your Chameleon as your desire or decor changes .  
To clean use a damp soft cloth .

The glass may build up creosote deposits especially if your fuel is not  
properly seasoned or you are operating on low settings for extended  
periods , a high fire will assist to burn off the creosote and if it becomes  
excessive a razor blade scraper can be used on a cold glass .

### MAINTENANCE

Flues should be swept a minimum of once a year and as required during  
the winter , if smoke enters the room when you open the Metro's door this  
usually indicates the flue needs cleaning .

Door adjustment provision is available on both sides of the door to  
enable adjustment as the door seal compresses causing air to leak into the  
firebox . 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 , approx 1mm will be sufficient , then re-tighten .  
Repeat by loosening the lower hinge nut but this time apply a slight  
downwards pressure onto the door .

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 .

Door and glass seals should be replaced when they become hard and  
start to break up , approximately every 2 to 3 years . The door of your  
Metro is easily removed enabling the door to be taken to your local retailer  
for seal replacement . To remove the door open it fully , hold it in both  
hands and lift the hinge end of the door up over the top hinge pin . then  
lower the door from the bottom hinge pin .

Side bricks need to be replaced if they become cracked or broken through  
mechanical damage ( continuous bumping with firewood ) . The Metro  
must not be operated unless both side bricks are in sound condition .

Top baffle will also require replacement if it becomes distorted or breaks ,  
the Metro must not be operated with a faulty or missing top baffle .

## METRO WARRANTY

PIONEER Manufacturing Limited warrants the steel firebox against defective materials and workmanship which would render it unfit for normal domestic use within a period of five years after date of original purchase. All other parts including cabinet, door, glass, baffle, bricks and seals are warranted for a period of one year, from date of original purchase for domestic use against defective materials and workmanship.

### WARRANTY CONDITIONS

- \* The heater must be installed, operated and maintained strictly in accordance with the building code and the manufacturers installation and operation manual.
- \* This warranty covers the replacement or repair at the manufacturers discretion but excludes freight and/or travel costs.
- \* The manufacturer or there agent are not liable for any loss or expense direct or indirect arising from the failure of any part or operation of the heater.

A claim under this warranty should be directed to the retailer who supplied the heater, or if this is not possible write direct to the manufacturer stating details of fault, serial number of heater, date purchased and name of retailer.

### LOCAL CONSUMER LAWS APPLY TO THIS WARRANTY

IMPORTANT - Complete and retain at time of purchase :-

PURCHASE DATE \_\_\_\_\_  
SERIAL NUMBER \_\_\_\_\_  
COLOUR \_\_\_\_\_  
RETAILERS NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
PH. No. \_\_\_\_\_

# PIONEER

MANUFACTURING LIMITED

MAMAKU STREET  
P.O. BOX 11 INGLEWOOD  
PH 06 7566520  
FAX 06 7566540  
NEW ZEALAND

16mm 35mm

# BUILDING FILE

Code No. 382 / 26 <sup>b</sup>

Subject Dwg

No. Sheets 28236

Permit No 24. 7. 86

Date

# NEW PLYMOUTH CITY COUNCIL

\* TITLE STILL BEING ISSUED

FOR OFFICE USE:

File No.

7 71

Check Sheet No.

28236

Receipt No.

66802

Sewer Sheet No.

123A

Date of Receipt

24.7.86

Zone

382/26<sup>b</sup>

TO THE CITY ENGINEER

14 JUL 1986

Date

11.7.86

APPLICATION FOR BUILDING PERMIT

Lot No.

At (House No.)

26 B NEVADA DRIVE

D.P.

For erection of

DWELLING

Sec. No.

OWNER

JR PORTER & Seward

ADDRESS

4 SPENCE PLACE

N.P.

Proposed Use

PRIVATE RESIDENCE

Foundation

CONCRETE TIMBER PILES

Walls

HARD PLANK

Roof

CORRUGATED

AREA of Site

555

M<sup>2</sup>

AREA of existing buildings

M<sup>2</sup>

AREA of existing accessory buildings

M<sup>2</sup>

AREA of Building in application

87

M<sup>2</sup>

Builder

BEAZLEY HOMES

Address

P.O. BOX 749

Designer

NEW PLYMOUTH

Address

PHONE 88-728

Structural Eng.

Address

Building Projects Authority Required

Yes/No

Supplied

Yes/No

Total Value of Building

\$48000 -

Sanitary Plumbing and Drainage

\$5000 -

Value of Building for Permit

\$43000 -

Water for Building

Building Research Levy on

\$

Hoardings

Mths @

FOR OFFICE USE

Corrected Value Fees

TOTAL FEES BUILDING

Starting Date

AUGUST 1986

Finishing Date

OCTOBER 1986

NAME AND ADDRESS OF APPLICANT

BEAZLEY HOMES

P.O. BOX 749

NEW PLYMOUTH

PHONE 88-728

Phone

Signature of Applicant

JR Porter

Signature of Owner

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT

APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

382/262

To the City Engineer

Phone No. 88726

I wish to apply for permission to carry out the work described in the plans and specifications deposited herewith at:-

House No. 263 Street NEVADA DRIVE Lot No. 1 D.P.

OWNER J R PORTER & S C WARD Area of Site 555 m<sup>2</sup>

ADDRESS 26 SPENCE PLACE NP Signature of Applicant J R Porter

Proposed Use DWELLING Signature of Owner

VEHICULAR CROSSING

Proposed Existing When required Position L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection 10 mm  $\phi$   
Size of Requested Connection NA  
Distance from L/Boundary NA  
No. Units served 1

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection 110 mm  $\phi$   
Size of Requested Connection NA  
Distance from L/Boundary NA  
Floor level of the lowest sanitary fittings is 1.500 metres  
\*below/above the ground level of the point where the sewer connection is required.  
\*Strike out whichever is inapplicable.

Common Drain Yes / No

Stormwater Disposal (specify) SOAK HOLE

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer ANCHOR & ELIS LTD

Value of Proposed Work, Labour Only Plumbing \$800

Water Supply Materials Drainage \$800

P.V.C. Copper Galvanised Iron

Drainage NA

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify) SOAK HOLE

FOR OFFICE USE

File No. 7 71 Rec. No. 56802 Check Sht. No. 28236 FEES Sewer

Date 14 JUL 1986 Zone Sewer Sht. No. 123A Water P & D

Veh. Crg

BUILDING INSPECTOR'S  
FIELD SHEET

382/26<sup>4</sup>  
AUTHORITY

Stats. No. D 028229

NEW PLYMOUTH CITY COUNCIL

R. 6D 28236

Inspector: M

File No.

7/71/86

Receipt No.

56202

Date Permit Issued

24/7/86

OWNER

Name JB PORTER - SC WARD

Mailing Address 268 NEUADA DR  
NEW PLYMOUTH

BUILDER

Name BEAZLEY HOMES

Mailing Address PO BOX 749  
NEW PLYMOUTH  
88726

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. AS ABOVE

Street Name \_\_\_\_\_

Town/District \_\_\_\_\_

Riding \_\_\_\_\_

LEGAL DESCRIPTION

Valuation Roll No. \_\_\_\_\_

Lot 1 D.P. 15452

Section \_\_\_\_\_ Block \_\_\_\_\_

Survey District \_\_\_\_\_

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

DWELLING

FLOOR AREA DWELLING UNITS

Whole Sq. Metres 87 Number Erected 1

ESTIMATED VALUES \$

Building	
Plumbing	
Drainage	
TOTAL	<u>48000.00</u>

NATURE OF PERMIT (TICK BOX)

☒ NEW BUILDING  
- exclude domestic garages and domestic outbuildings

☐ FOUNDATIONS ONLY

☐ ALTERED, REPAIRED, EXTENDED  
- include conversions and rented buildings

☐ NEW CONSTRUCTION  
OTHER THAN BUILDINGS - include demolitions

☐ DOMESTIC GARAGES  
AND DOMESTIC OUTBUILDINGS

FEES APPLICABLE

Building Permit .....	\$	Water Connection .....	\$
Street Damage Deposit .....	\$	Vehicle Crossing Levy .....	\$
Building Research Levy .....	\$	M.S. Plumbing .....	\$
Plumbing .....	\$		\$
Drainage .....	\$		\$
Sewer Connection .....	\$		\$
		TOTAL:	\$

Receipt No.

Date of Payment

Authorised Officer

24/7/86  
*[Signature]*

Special Conditions:

Date Inspected

REMARKS (e.g. stage reached with work)

12/6/86

poles OK ground good  
check outs to big 2 nails required  
on all poles as well as bolts check outs to

(CONTINUED OVER)

Date Inspected

be treated with cut outs exceeding 35 mm  
in depth.

20/8/86 Prelim ok 1 brace extra under house  
8 braces needed both ends of house  
moisture 22-25 average ok to live

16/9/86 Completed

COMPLETED (Signature)

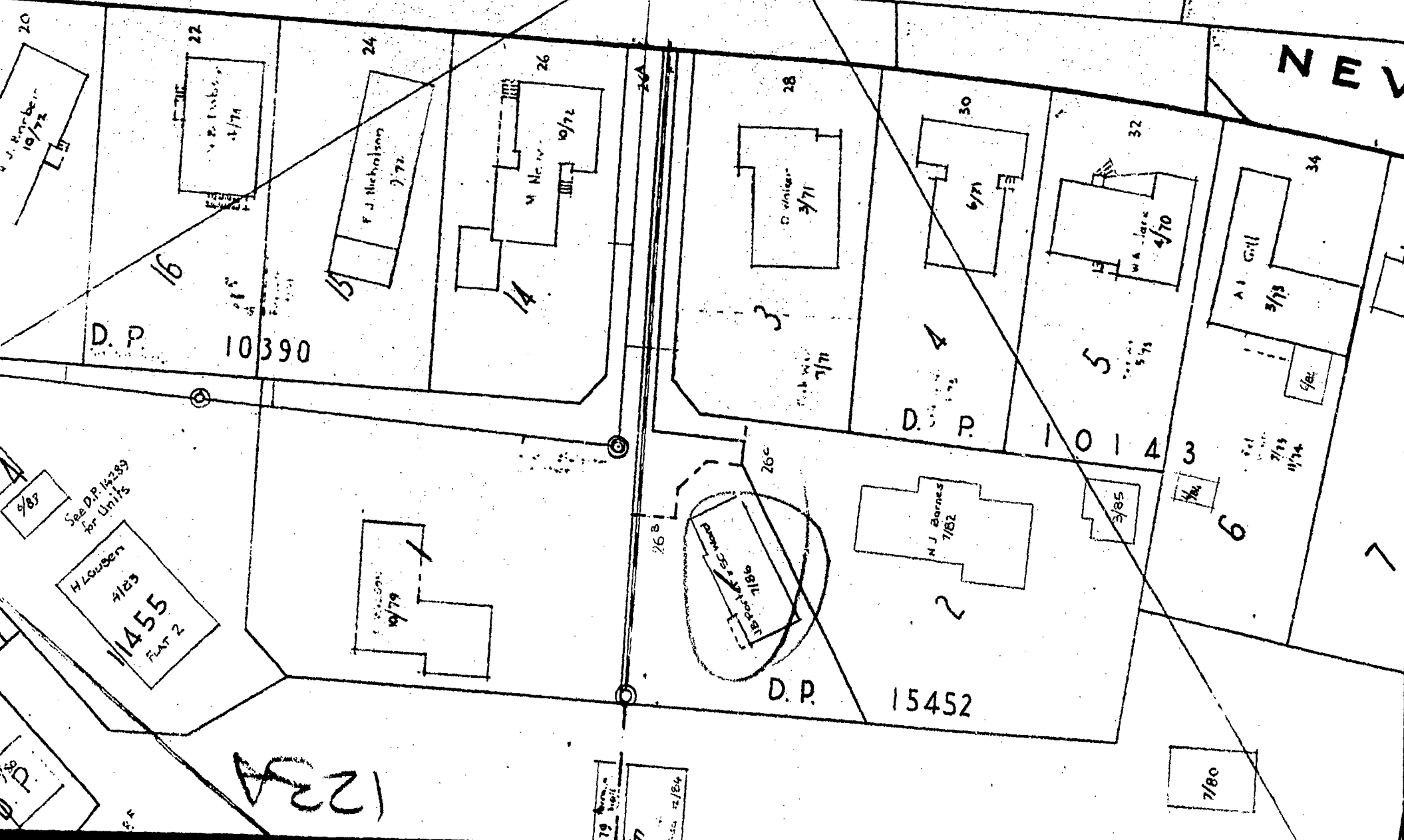
Date

/ /



Nevada Dr

NEV



**CITY ENGINEER'S DEPARTMENT**

## ASSESSED REQUIREMENTS

File No.

7 71

Project: DWELLING Check Sheet No. 28257  
Owner: J. B. PORTER & S. C. WARD Sewer Sheet No. 123A Plotted: MND  
Address: 26B NEVADA DR Zone:  
Lot No. 1 D.P. 15452 Sec. No. Area of Site:

VETTING TO BE  
 COMPLETED BY  
 31/7

## TOWN PLANNING

Designations \_\_\_\_\_

Area of Buildings \_\_\_\_\_

Coverage \_\_\_\_\_

Maximum Height \_\_\_\_\_

Front Yard \_\_\_\_\_

Relat. of Bldg. Size: (1) Rear Yard \_\_\_\_\_

(2) Side Yard \_\_\_\_\_

Open Space \_\_\_\_\_

Grassed Areas \_\_\_\_\_

Trees \_\_\_\_\_

Building Lines & Street Widening \_\_\_\_\_

Parking \_\_\_\_\_

Access to Rear of Site \_\_\_\_\_

Accessory Buildings \_\_\_\_\_

Service Lanes & R.O.W. \_\_\_\_\_

Crossing Length \_\_\_\_\_

Gross Floor Area of Shops \_\_\_\_\_

Resid. Accom. \_\_\_\_\_

Levels of Site \_\_\_\_\_

Use of Yards \_\_\_\_\_

Loading \_\_\_\_\_

Screening \_\_\_\_\_

Amalgam. of Titles \_\_\_\_\_

Remarks: \_\_\_\_\_

SEE SECTION CARD	
TOWN PLANNING	
BUILDING	
DRAINAGE	
WATER	

Approved

Not Approved

# S E R V I C E S

## A: SEWER CONNECTION

## STORMWATER CONNECTION

Existing Service \_\_\_\_\_  
 Required Service \_\_\_\_\_  
 Location \_\_\_\_\_  
 Depth \_\_\_\_\_  
 Special Requirement \_\_\_\_\_  
 Common Drain \_\_\_\_\_  
 Fee \$ \_\_\_\_\_

\_\_\_\_\_

FEE

\$ \_\_\_\_\_

## B: WATER CONNECTION

Existing Service 20 mm Ø \_\_\_\_\_  
 Distance from L/Boundary \_\_\_\_\_  
 Distance: Main to Boundary \_\_\_\_\_  
 Boundary to Load \_\_\_\_\_  
 Required Service 20 mm Ø \_\_\_\_\_  
 Meter Not required \_\_\_\_\_

Height above Datum \_\_\_\_\_

FEE

\$ \_\_\_\_\_

## C: PLUMBING

No. Fittings	3	2	1	2	2	2	
W.Cs	Baths	Basins	Sinks	Showers	Tubs	Others	

Total Values \_\_\_\_\_  
 Supply Pipe Sizes \_\_\_\_\_  
 Backflow Prev. \_\_\_\_\_  
 Other Fittings \_\_\_\_\_  
 Estimated Value 800.00 \_\_\_\_\_  
 Plumbing Fee \_\_\_\_\_

P.V.C. ☐ Copper ☐ Gal. Iron ☐

## DRAINAGE

Existing \_\_\_\_\_ Required \_\_\_\_\_  
 Fittings Required \_\_\_\_\_  
 Common Drain \_\_\_\_\_  
 Septic Tank \_\_\_\_\_  
 Stormwater \_\_\_\_\_  
 Estimated Value 800.00 \_\_\_\_\_  
 Drainage Fee \_\_\_\_\_

Total Estimated Value P. & D. \$1600.00

FEE

\$ 70.00

## D: VEHICULAR CROSSINGS

Type of Footpath Not \_\_\_\_\_ Condition \_\_\_\_\_  
 Kerb & Channel \_\_\_\_\_  
 Existing Crossing 3 Concrete Trigs all good \_\_\_\_\_  
 New Crossing \_\_\_\_\_ Position \_\_\_\_\_  
 Strengthen Path Sq.Yds. \_\_\_\_\_ Level at Boundary \_\_\_\_\_

STREET WORKS FEE \$ \_\_\_\_\_

DEPOSIT DAMAGE FEE

\$ 220.00

**REMARKS : CORRESPONDENCE : AGREEMENTS**  
**SPECIFIC REQUIREMENTS**

382/26/b

Sewer connection to exist MH is part of Subdivisional requirements. PC 17-7-86

Approved PC 17-7-86

Not Approved \_\_\_\_\_

Approved CDM NO

Not Approved \_\_\_\_\_

Approved thru

Not Approved \_\_\_\_\_

Approved thru

Not Approved \_\_\_\_\_

Approved SA/18-7-86

Not Approved \_\_\_\_\_



**E : HEALTH & BY-LAWS**

Areas -----

Light -----

Ventilation -----

Remarks: -----

Approved HC 2/7/86

Not Approved -----

**F: DANGEROUS GOODS**

Domestic or Commercial -----

Storage Capacity & Location -----

Licence Required ----- Yes/No -----

Approved -----

Not Approved -----

**G : BUILDING**

Remarks: -----

FEES: <u>26400.00</u>		
Bldg.	<u>43-000</u>	<u>195.00</u>
Water Bldg.		<u>5-00</u>
B.R.L.	<u>48-000</u>	<u>48-00</u>
TOTAL		<u>\$ 248-00</u>

Building Inspector -----

Approved HC 15/7/86

Not Approved -----

Specification: -----

Structural Engineer -----

Approved -----

Not Approved -----

Fire Service -----

Recommended -----

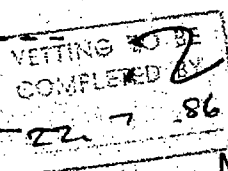
Not Recommended -----

PERMIT NO. 28229

APPROVING ENGINEER

Approved Rh 22/7/86

Not Approved 22/7/86



16mm 35mm

# BUILDING FILE

Code No. 382 / 26c

Subject REMEDIAL WORK DWG

No. Sheets 9

Permit No 11103

Date 12.4.89

Date Permit Issued 12/4/89

**BUILDER**

☒ **Name** REDF

**Mailing Address** 48 FRANKLEY ROAD  
NEW LYNNETH  
75913

**LEGAL DESCRIPTION**

Valuation Roll No. \_\_\_\_\_

Lot 2 D.P. 154152

Section \_\_\_\_\_ Block \_\_\_\_\_

Survey District \_\_\_\_\_

**NATURE OF PERMIT (TICK BOX)**

☐ **NEW BUILDING**  
 – exclude domestic garages and domestic outbuildings

☐ **FOUNDATIONS ONLY**

☒ **ALTERED, REPAIRED, EXTENDED, CONVERTED, RESITED**  
 – include installation of heating appliances

☐ **NEW CONSTRUCTION  
 OTHER THAN BUILDINGS** – include demolitions

☐ **DOMESTIC GARAGES  
 AND DOMESTIC OUTBUILDINGS**

Building Permit .....	\$ _____	Water Connection .....	\$ _____	Receipt No. _____
Street Damage Deposit ..	\$ _____		\$ _____	
Building Research Levy ..	\$ _____		\$ _____	
Plumbing .....	\$ _____		\$ _____	Date of Payment <u>12/14/24</u>
Drainage .....	\$ _____		\$ _____	
Sewer Connection .....	\$ _____		\$ _____	Authorised Officer _____
Vehicle Crossing Levy ..	\$ _____	G.S.T.	\$ _____	
M.S. Plumbing .....	\$ _____	TOTAL:	\$ _____	

**Special Conditions:** \_\_\_\_\_

Conf. H-1772

(CONTINUED OVER)

382/26c

## NEW PLYMOUTH CITY COUNCIL

FOR OFFICE USE:

File No. 3 78 Check Sheet No. 32206  
 Receipt No. 14165 Sewer Sheet No. 123 A  
 Date of Receipt. 12. 4. 89 Zone. Res

ADDRESS OF PROPERTY 25<sup>c</sup> NEVADA DRIVE 21 MAR 1989  
 LEGAL DESCRIPTION OF LAND: LOT: 2 D.P. 15452  
 NAME OF OWNER OF LAND MR. PORTER ADDRESS: 25<sup>c</sup> Nevada Drive  
 NAME OF OWNER OF BUILDING: MR. PORTER ADDRESS: 25<sup>c</sup> Nevada Drive  
 NAME OF PRINCIPAL CONSULTANT: Chapman Outenham & Associates Ltd ADDRESS: P.O. Box 585 N.P.  
 NAME OF OCCUPIER MR. PORTER ADDRESS: 25<sup>c</sup> Nevada Drive  
 NAME OF BUILDER: MR. B. Cole ADDRESS: 48 Frankley Rd

## PROPOSED USE OF BUILDING

For Permission To carry out remedial  
 work on subfloor framing  
 as per attached documents.

Documents: attached as part of this  
 application which are applicable:

Drawings - Two sets ☒  
 (See notes on back of sheet)

Specifications - Two copies ☐

Form No. 2 - Structural Design  
 Features Summary Part A ☐  
 and Part B

Form No. 3 - Fire and Egress  
 Features Summary ☐

Building Project Authority ☐

Estimated starting date.....

Estimated completion date.....

New floor area.....

## DESCRIPTION OF PROPOSED WORK:

New building ☐ Conversion ☐  
 Addition ☐ Demolition ☐  
 Alteration ☒  
 Hoardings Mths

Total Value of Building Excluding G.S.T. \$ 788

Sanitary Plumbing and Drainage (Labour only) \$  
 (Excluding G.S.T.)

Value of Building for Permit \$ 788

FOR OFFICE USE  
 Corrected Value

NAME OF APPLICANT B. Cole

Address 48 Frankley Road

Signature B. R. Cole \* Telephone No. 35913

Acting in capacity Builder (e.g. owner, builder, principal consultant)



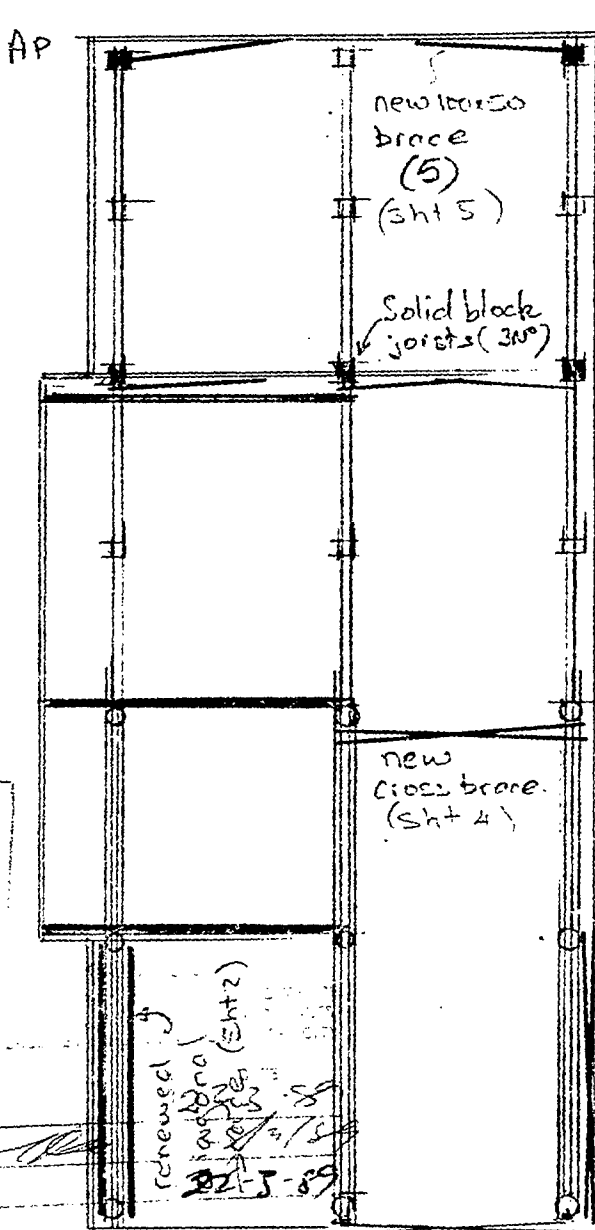
382/26c

3 78

21 MAR 1989



VERIFYING TO BE  
COMPLETED BY  
30/3



ex. cross  
brace  
- renew per Sht 3

THIS DRAWING WAS PRODUCED  
ON CAD. IT SHOULD NOT BE  
AMENDED MANUALLY

REPAIRAL BRACING - 26' NEUMER LANE

SUBFLOOR BRACING LAYOUT

29 Carrington St  
P.O. Box 585  
New Plymouth  
New Zealand  
Phone (067) 87273  
Fax (067) 84528

**Chapman Oulsnam  
& Associates Ltd**  
Civil and Structural Engineers

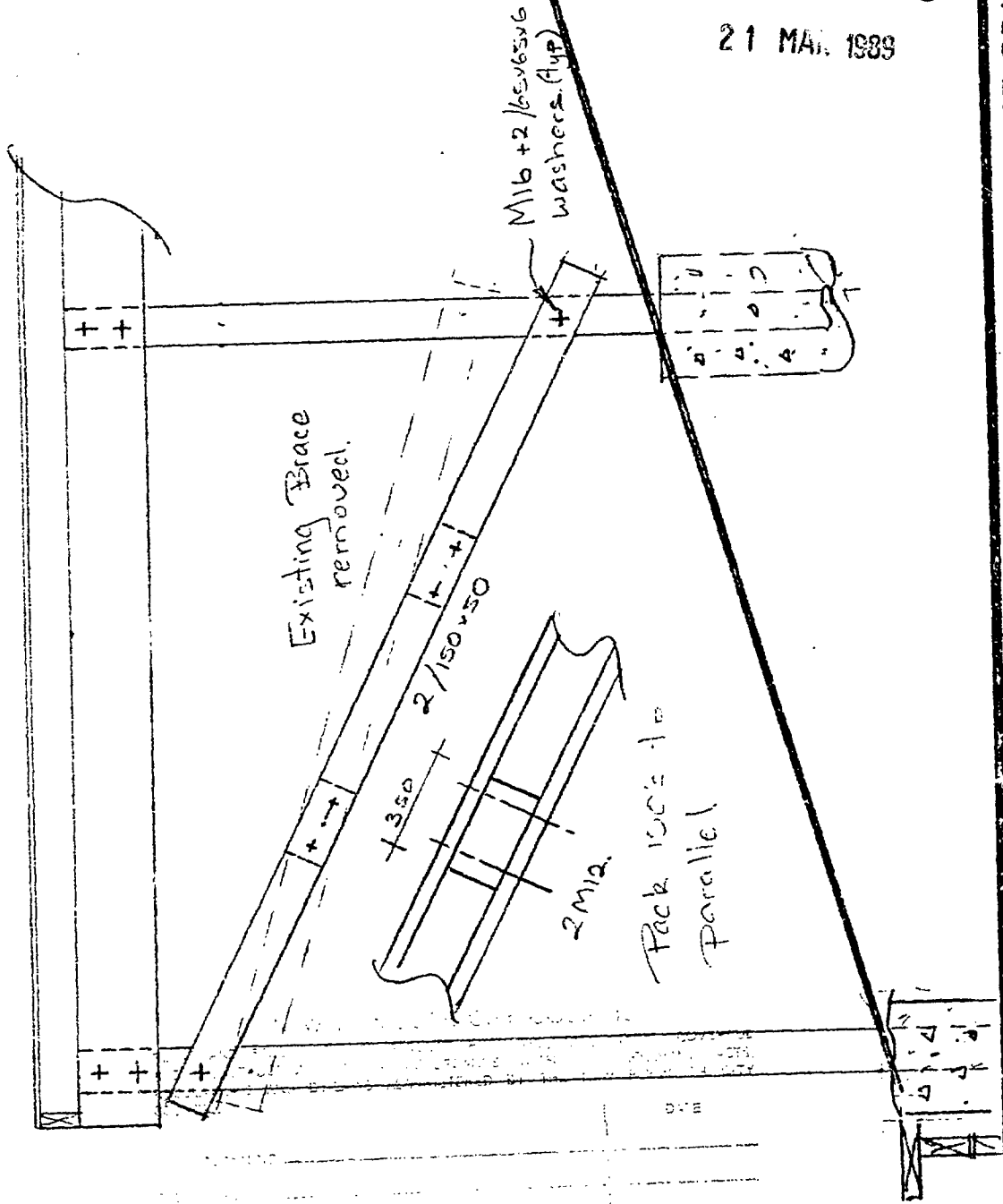
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	Designed	...	955	
	Drawn	...	Drawing No	No in Set
	Checked	...	1	5
	Date	...		

ORIGINAL SIZE - A4 IF IN DOUBT ASK CHECK ALL DIMENSIONS DO NOT SCALE

382/26c

3 78

21 MAR 1989



DO NOT SCALE

CHECK ALL DIMENSIONS

IF IN DOUBT ASK


ORIGINAL SIZE - A4

THIS DRAWING WAS PRODUCED ON CAD. IT SHOULD NOT BE AMENDED MANUALLY

REMEDIAL BRACING - 26° NEVADA DRIVE  
NORTH WALL - POLE BRACE

29 Carrington St  
P.O. Box 585  
New Plymouth  
New Zealand  
Phone (067)87273  
Fax (067)84528

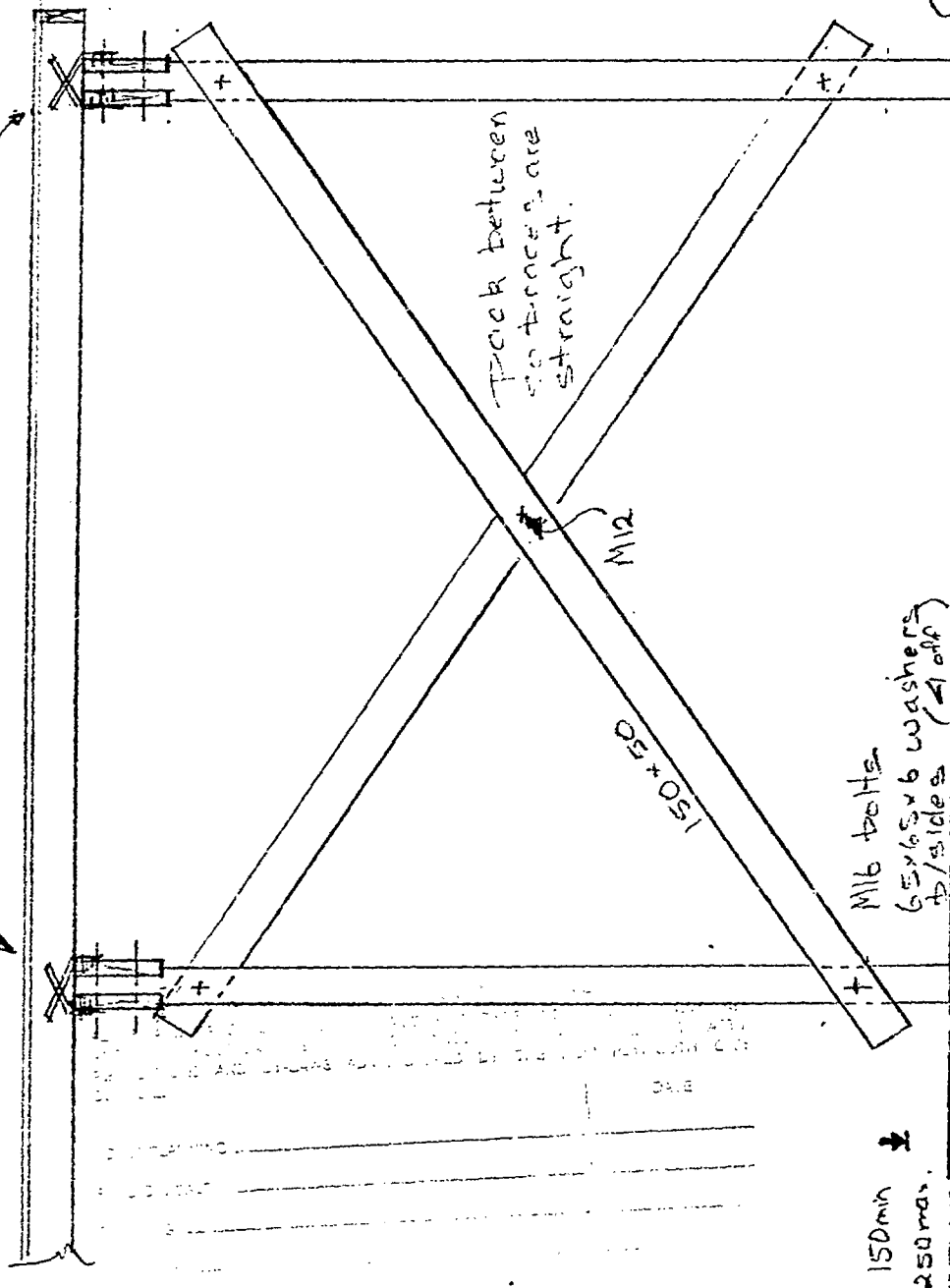
**Chapman Oulsnam  
& Associates Ltd**  
Civil and Structural Engineers

Sheet Contents	Scale	1:25	Design No		935
	Designed	SC	Drawing No	No in Set	5
	Drawn	SC			
	Checked				
	Date	2-1-89			

21 MAR. 1989

C.L.

300 Lg Lumberlok Strong straps  
 6 L.L. nails per end.  
 4 straps per braced pole.



DO NOT SCALE

CHECK ALL DIMENSIONS

IF IN DOUBT ASK

ORIGINAL SIZE - A4

REMEDIAL BRACING - 26<sup>th</sup> NEVADA DRIVE  
 WEST WALL POLE BRACE.

29 Carrington St  
 P.O. Box 585  
 New Plymouth  
 New Zealand  
 Phone (067)87273  
 Fax (067)84528

Chapman Oulsnam  
 & Associates Ltd  
 Civil and Structural Engineers

Sheet Contents

Scale 1:25

Designed JC

Drawn JC

Checked JC

Date 6-1-89

Design No

452

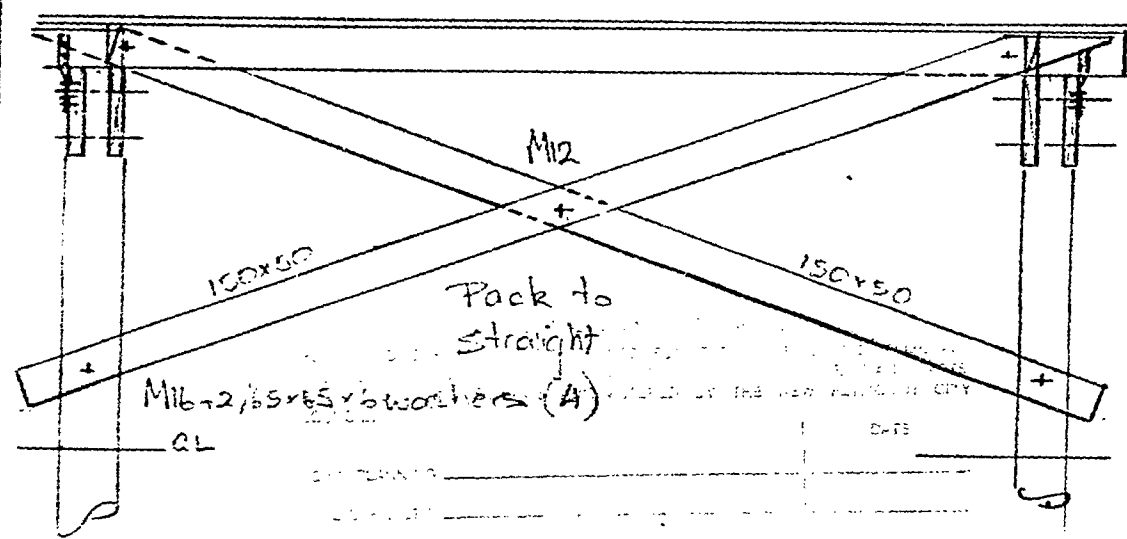
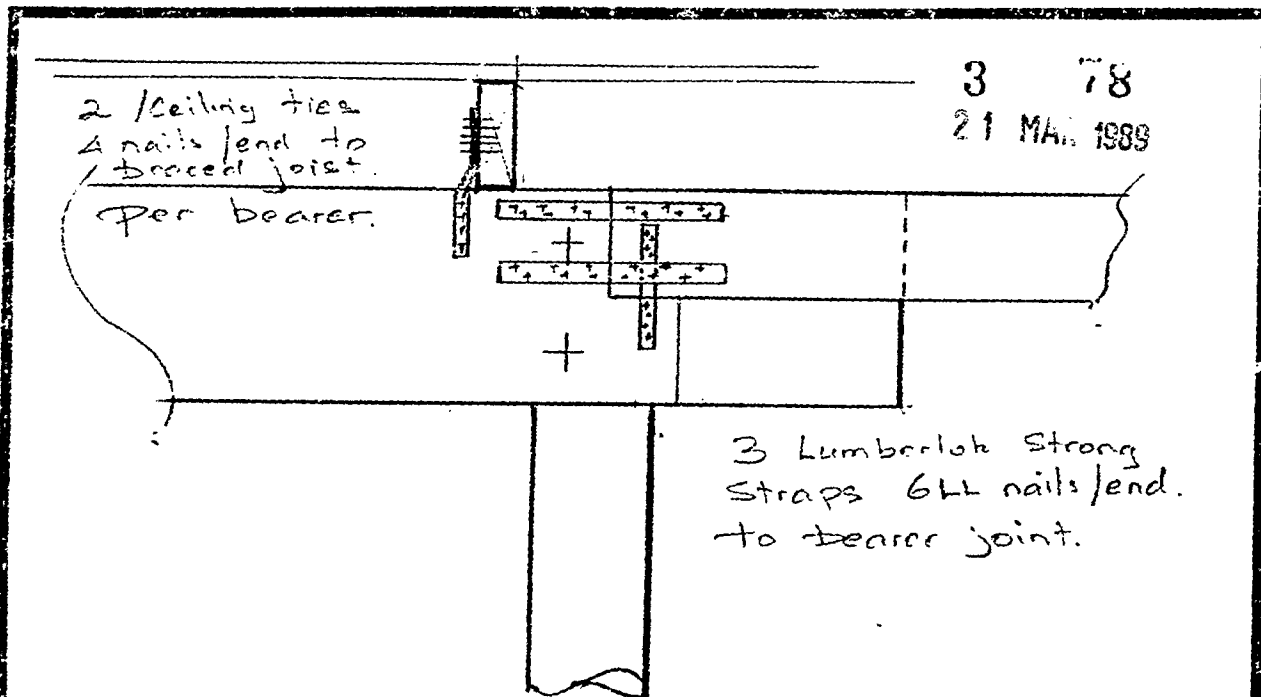
Drawing No

3

No in Set

5

382/266



© THIS DRAWING WAS PRODUCED ON CAD. IT SHOULD NOT BE AMENDED MANUALLY

REMEDIAL BRACING - 26 NEUNZA DRIVE  
NEW CROSS BRACE - @ 100/300 MILLIMETER JOINT

29 Carrington St  
P.O. Box 585  
New Plymouth  
New Zealand  
Phone (067)87273  
Fax (067)84528

Chapman Oulsnam  
& Associates Ltd  
Civil and Structural Engineers

Sheet Contents

Scale 1:10 1:25  
Designed 30  
Drawn  
Checked  
Date 2.1.89

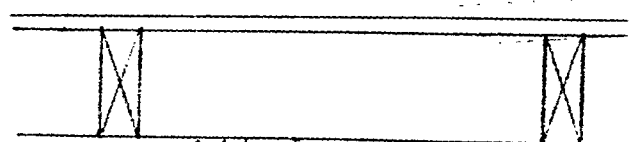
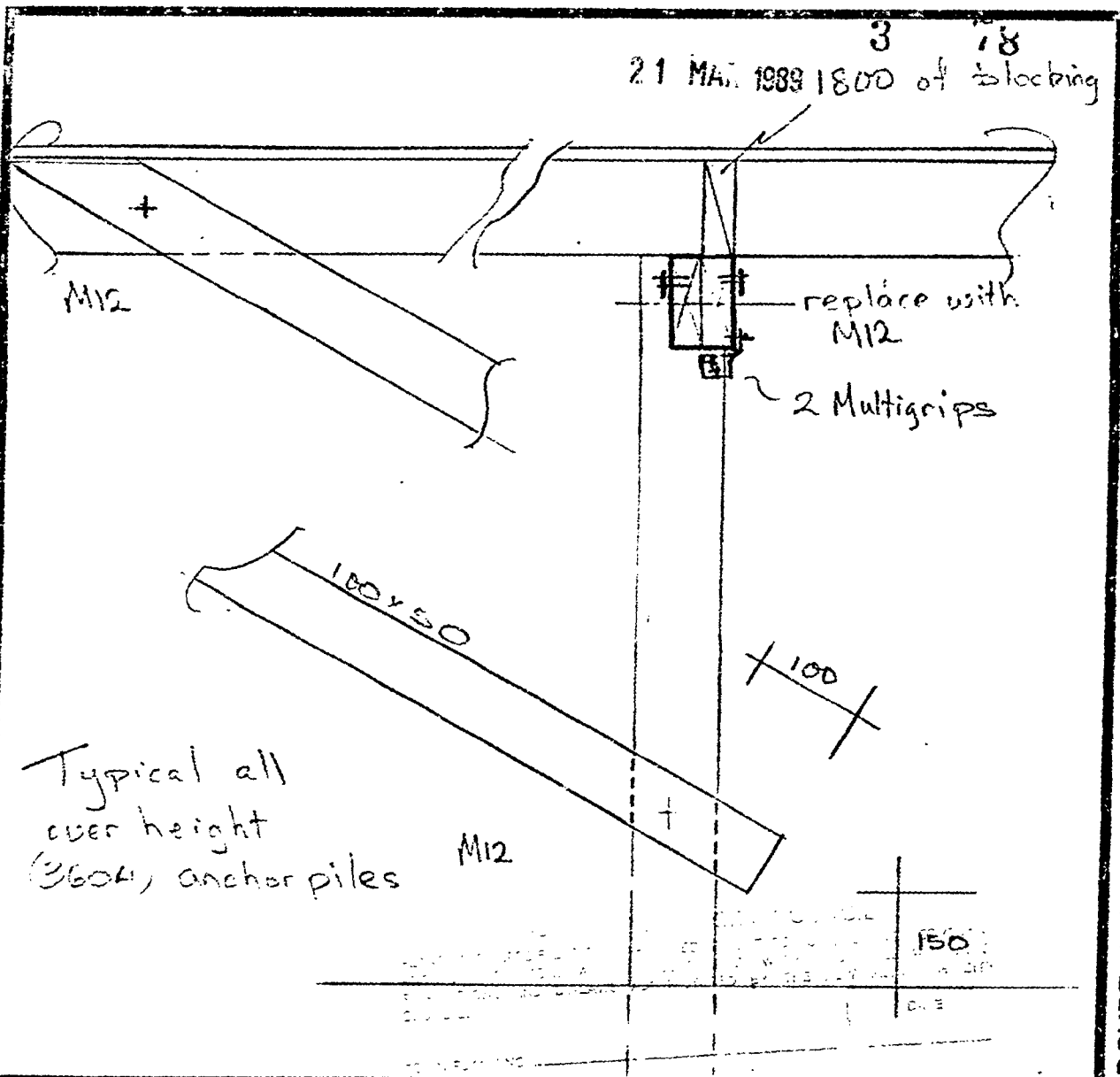
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Drawing No A 5

DO NOT SCALE  
CHECK ALL DIMENSIONS  
IF IN DOUBT ASK  
ORIGINAL SIZE - A4



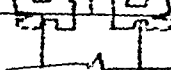
382/26c

21 MAR 1989 1800 of blocking



ADD Lumberlok Strongstrap b/sides

6 LL nails / end



Fold Multigrip around pile ©

THIS DRAWING WAS PRODUCED ON CAD. IT SHOULD NOT BE AMENDED MANUALLY



REMEDIAL TERRACING - 269 NEVADA DRIVE

STRENGTHENING OVERSCARFED ANCHOR PILES

29 Carrington St  
P.O. Box 585  
New Plymouth  
New Zealand  
Phone (067)87273  
Fax (067)84528

Chapman Oulsnam  
& Associates Ltd  
Civil and Structural Engineers

Sheet Contents

Scale 1:10  
Designed CC  
Drawn CC  
Checked CC  
Date 6-1-89

Design No

955

Drawing No

5

No in Set

5

ORIGINAL SIZE - A4  
IF IN DOUBT ASK  
CHECK ALL DIMENSIONS  
DO NOT SCALE

# NEW PLYMOUTH CITY COUNCIL

382/26c

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 3 78

Project: REMEDIAL WORK DNR Check Sheet No. 32206  
 Owner: MR. PORTER Sewer Sheet No. 123 A Plotted: NL  
 Address: 26c NEVADA DR Zone: Res  
 Lot No. 2 D.P. 15452 Sec. No. \_\_\_\_\_ Area of Site: \_\_\_\_\_

VERIFYING TO BE  
COMPLETED BY  
30/3

## TOWN PLANNING

Designations \_\_\_\_\_  
 Area of Buildings \_\_\_\_\_  
 Coverage \_\_\_\_\_  
 Maximum Height \_\_\_\_\_  
 Front Yard \_\_\_\_\_  
 Relat. of Bldg. Size: (1) Rear Yard \_\_\_\_\_  
 (2) Side Yard \_\_\_\_\_  
 Open Space \_\_\_\_\_  
 Grassed Areas \_\_\_\_\_  
 Trees \_\_\_\_\_  
 Building Lines & Street Widening \_\_\_\_\_  
 Parking \_\_\_\_\_  
 Access to Rear of Site \_\_\_\_\_  
 Accessory Buildings \_\_\_\_\_  
 Service Lanes & R.O.W. \_\_\_\_\_  
 Crossing Length \_\_\_\_\_  
 Gross Floor Area of Shops \_\_\_\_\_  
 Resid. Accot. \_\_\_\_\_  
 Levels of Site \_\_\_\_\_  
 Use of Yards \_\_\_\_\_  
 Screening \_\_\_\_\_  
 Screening \_\_\_\_\_  
 Analget. of Titles \_\_\_\_\_  
 Remarks: \_\_\_\_\_

SEE SECTION CARD	
TOWN PLANNING	<u>Law</u>
BUILDING	<u>Law</u>
DRAINAGE	<u>Water</u>
WATER	<u>Water</u>

Approved Law  
 Not Approved \_\_\_\_\_

## S E R V I C E S

### A: SEWER CONNECTION

### STORMWATER CONNECTION

Existing Service \_\_\_\_\_  
 Required Service \_\_\_\_\_  
 Location \_\_\_\_\_  
 Depth \_\_\_\_\_  
 Special Requirement \_\_\_\_\_  
 Common Drain \_\_\_\_\_

Fee \$ \_\_\_\_\_

\_\_\_\_\_

Fee \$ \_\_\_\_\_

FEE

\$ \_\_\_\_\_

### B: WATER CONNECTION

Existing Service \_\_\_\_\_  
 Distance from L/Boundary \_\_\_\_\_  
 Distance: Main to Boundary \_\_\_\_\_  
                     Boundary to Load \_\_\_\_\_  
 Required Service \_\_\_\_\_  
 Meter \_\_\_\_\_

Height above Datum \_\_\_\_\_

FEE

\$ \_\_\_\_\_

### C: PLUMBING

No. Fittings	3	2	1	2	2	2	Others
W.Cs.	Baths	Basins	Sinks	Showers	Tubs		
Total Values _____							
Supply Pipe Sizes _____				P.V.C. <input type="checkbox"/> Copper <input type="checkbox"/> Gal. Iron <input type="checkbox"/>			
Backflow Prev. _____							
Other Fittings _____							
Estimated Value _____				Plumbing Fee _____			

#### DRAINAGE

Existing \_\_\_\_\_ Required \_\_\_\_\_  
 Fittings Required \_\_\_\_\_  
 Common Drain \_\_\_\_\_  
 Septic Tank \_\_\_\_\_  
 Stormwater \_\_\_\_\_  
 Estimated Value \_\_\_\_\_

Drainage Fee \_\_\_\_\_

Total Estimated Value P. & D. \$ \_\_\_\_\_

FEE

\$ \_\_\_\_\_

### D: VEHICULAR CROSSINGS

Type of Footpath \_\_\_\_\_ Condition \_\_\_\_\_  
 Kerb & Channel \_\_\_\_\_  
 Existing Crossing \_\_\_\_\_ Inst. No. \_\_\_\_\_  
 New Crossing \_\_\_\_\_ Position \_\_\_\_\_  
 Strengthen Path Sq.Yds. \_\_\_\_\_ Level at Boundary \_\_\_\_\_

STREET WORKS FEE

\$ \_\_\_\_\_

DEPOSIT DAMAGE FEE

\$ \_\_\_\_\_

**REMARKS : CORRESPONDENCE : AGREEMENTS**  
**SPECIFIC REQUIREMENTS**

**Note: G.S.T. is to be excluded from all fees quoted in this Document.**

Approved 23/2  
Not Approved \_\_\_\_\_

Approved 23/3/ \_\_\_\_\_  
Not Approved \_\_\_\_\_

Approved                       
Not Approved                     

Approved           *Me*            
Not Approved                           

Approved B. J. L. 28/3/89  
Not Approved \_\_\_\_\_



**E : HEALTH & BY-LAWS**

382/26e

Areas \_\_\_\_\_  
 Light \_\_\_\_\_  
 Ventilation \_\_\_\_\_

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Approved 29/3/89  
 Not Approved \_\_\_\_\_

**F : DANGEROUS GOODS**

Domestic or Commercial \_\_\_\_\_  
 Storage Capacity & Location \_\_\_\_\_  
 Licence Required \_\_\_\_\_ Yes/No \_\_\_\_\_

Approved \_\_\_\_\_  
 Not Approved \_\_\_\_\_

**G : BUILDING**

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FEES:		
Bldg.	\$ 788.00	21.00
Water Bldg.		
B.R.L.		
TOTAL	\$ 21.00	

Building Inspector \_\_\_\_\_

Approved MEQ 22-3-89  
 Not Approved \_\_\_\_\_

Specification: \_\_\_\_\_

Structural Engineer \_\_\_\_\_

Approved \_\_\_\_\_  
 Not Approved \_\_\_\_\_

Fire Service \_\_\_\_\_ 30.3.89

Recommended \_\_\_\_\_  
 Not Recommended \_\_\_\_\_

PERMIT NO. 11103

APPROVING ENGINEER

Approved 30/3/89  
 Not Approved \_\_\_\_\_

16mm 35mm

# BUILDING FILE

Code No. 382 / 26<sup>3</sup>

Subject Dwg

No. Sheets 4

28236

Permit No

24.7.86

Date

SEWER MANHOLE - APPROX.

7 71  
14 JUL 1986

NEVADA DRIVE

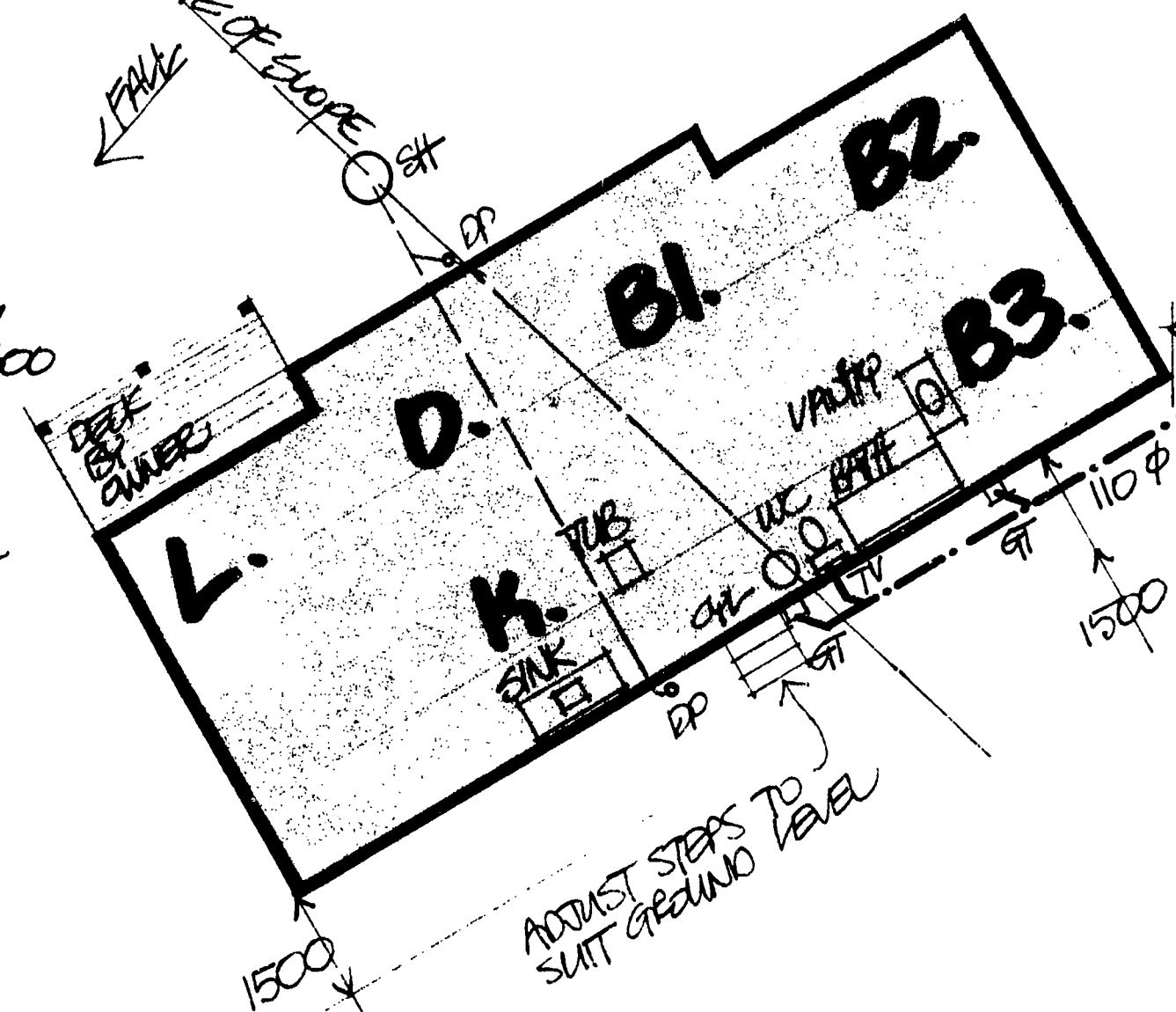
R.O.W.

382/266

LOT 1.  
555 M2.

DECK:  
100x40 SLATS C7  
125x50 JOISTS AT 600  
100x100 POSTS C3  
SET IN 300x300  
CONCRETE PADS  
900 DEEP  
PROVIDE HANDRAIL  
ALL ROUND

ALL BY  
OWNER



VERIFY POWER  
WATER TELEPHONE  
& SEWER CONNECTIONS  
ON JOB.

LOT 2  
(DP 1014  
CT B4/558)  
1149M2

NORTH  
POINT

SITE PLAN.  
SCALE 1/8"=1'00"

NEW PLYMOUTH CITY COUNCIL  
PLANS AND SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, COVER, AND CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACT, REGULATIONS AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL.

	DATE
TOWN PLANNING	15/7/82
PUBLIC HEALTH	22/7/82
BUILDING	15/7/82
ENGINEER	

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH CITY COUNCIL AND MUST REMAIN ON SITE

WAITING TO BE COMPLETED BY  
31/7

ALTERNATIVE  
REVERSED



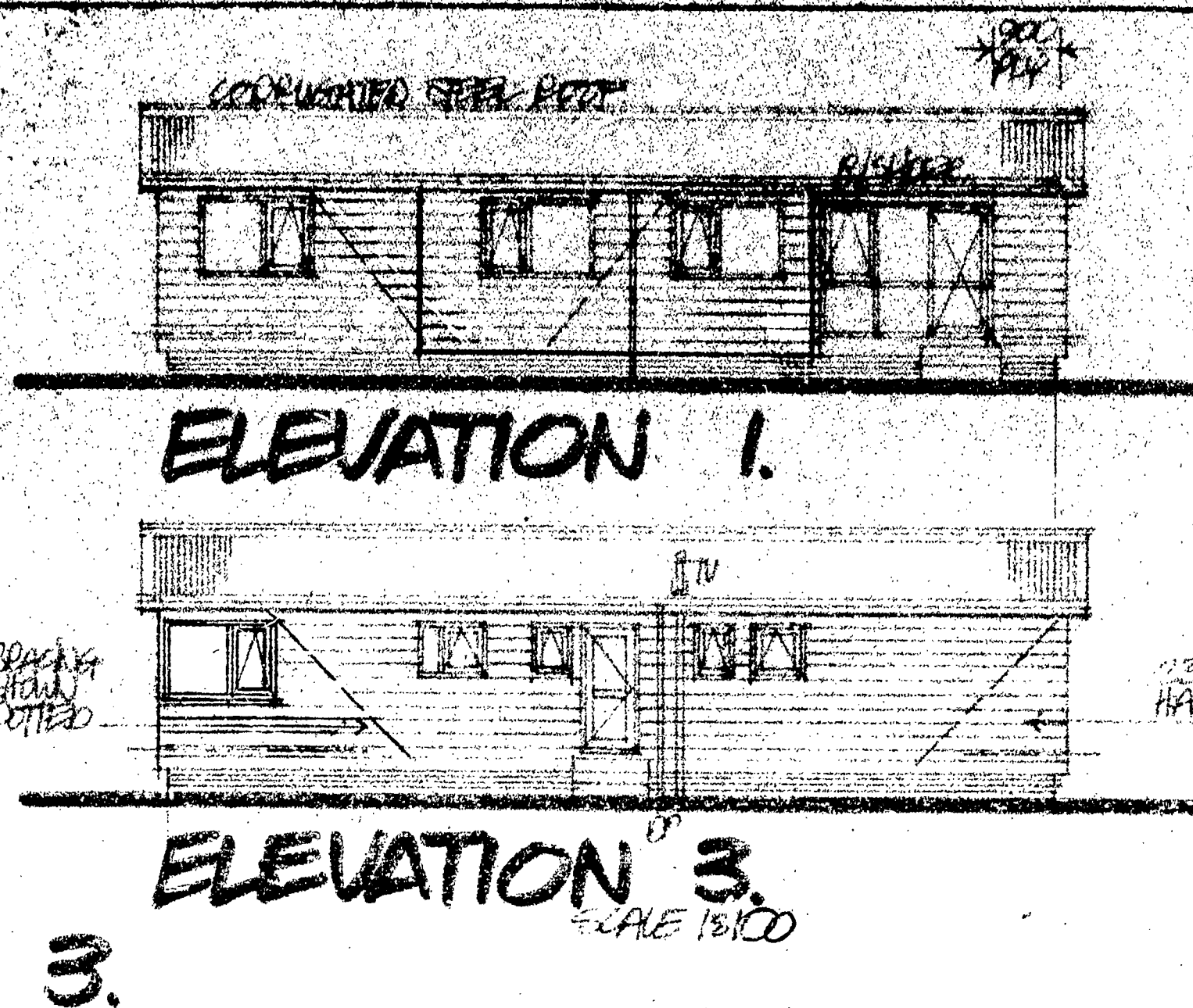
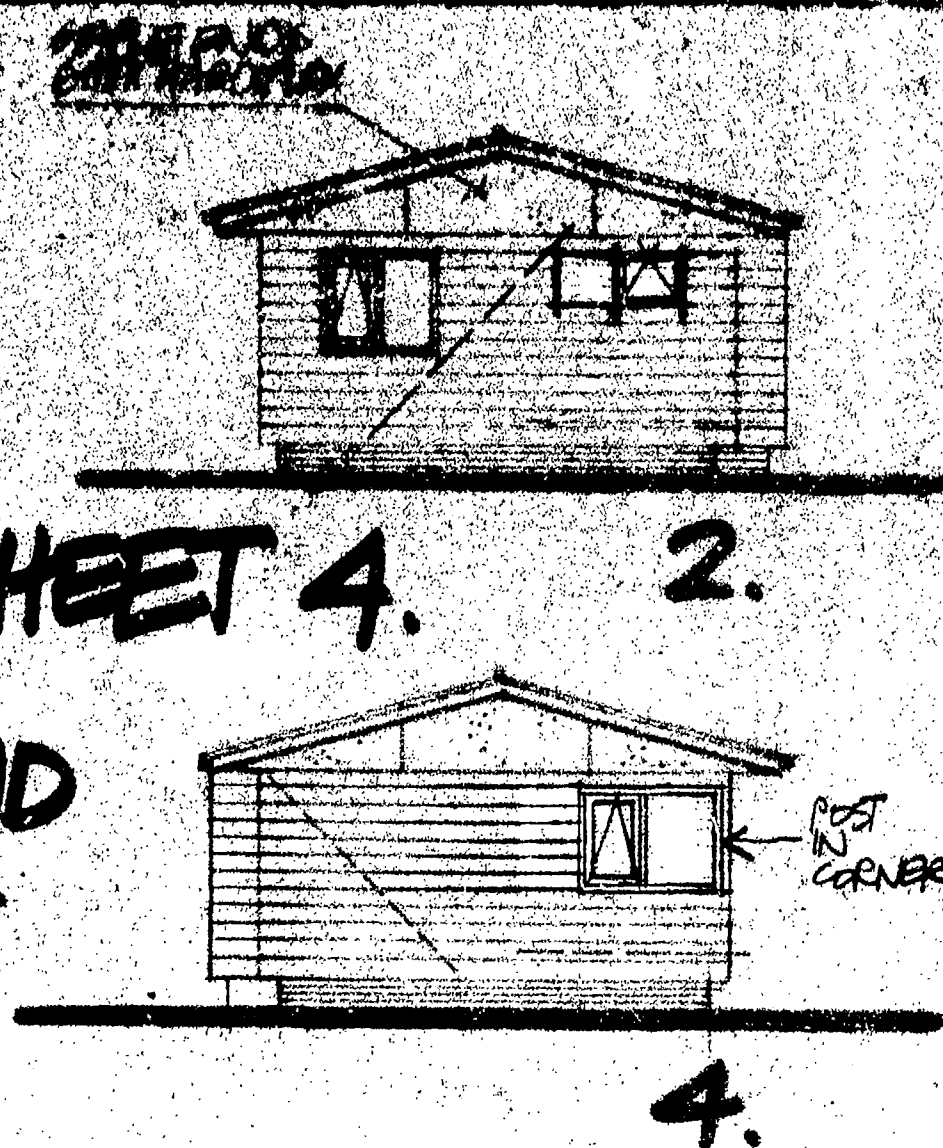
MEMBER OF THE FLETCHER GROUP OF COMPANIES

TITLE  
M.J.R. PORTER & S.C. WARD  
26 B NEVADA DRIVE, NP

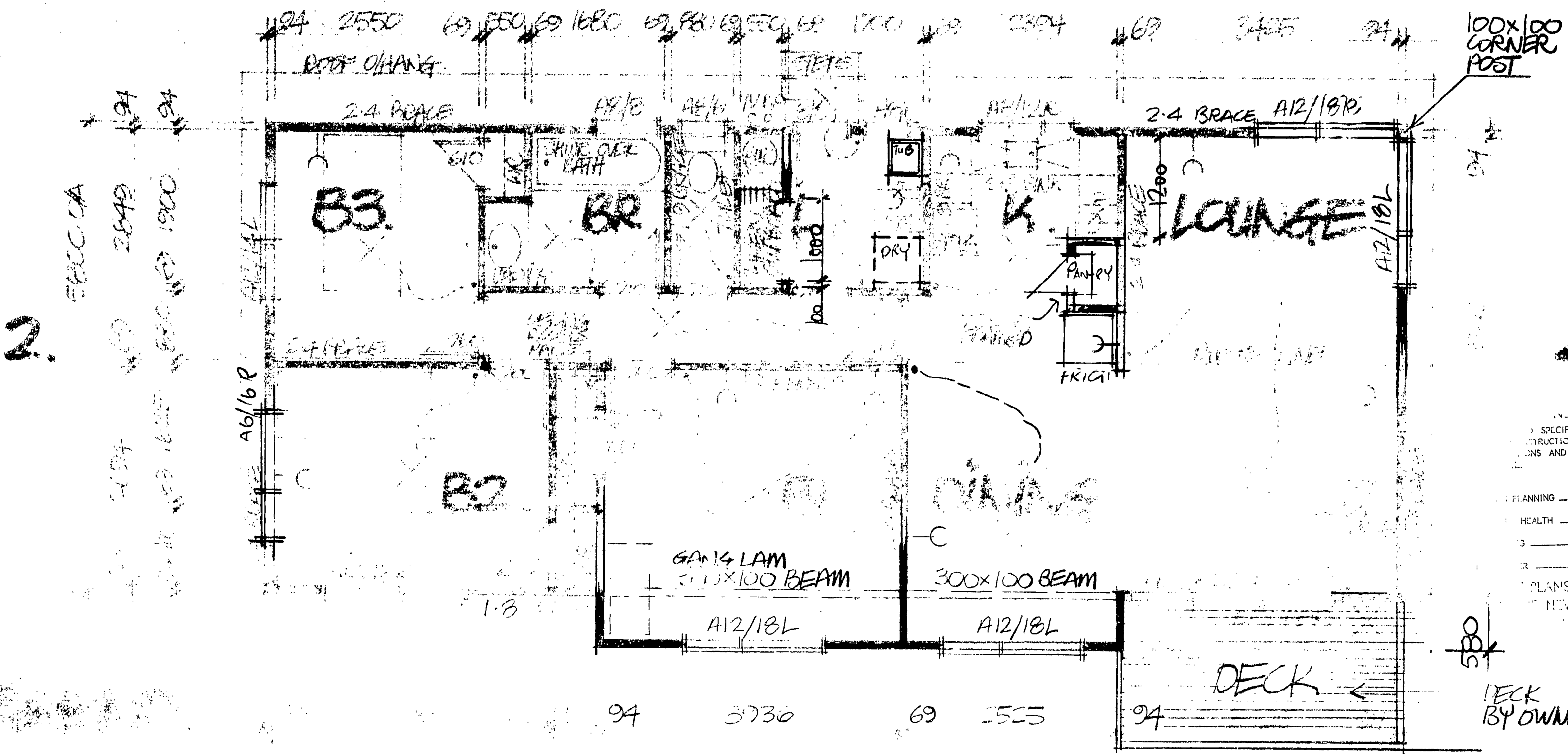
AMENDMENTS.		
No.	Date	Initials

Drawn 1.	CHP 9	Date.	MAY 85	Type.	CLASSIC U
Drawn 2.		Scale.	1/8"=1'00"	Plan No.	
Checked.		Area.		Sheet.	104

SEE SHEET 4.  
FOR  
GROUND  
LINES.



7 71  
14 JUL 1986  
382/266



FOUNDATION <b>TIMBER PILE</b>		
EXTERIOR JOINERY	Type	Finish
Windows	ALUM/AWN	BRONZE
Doors		
ROOF		
Truss	Standard	
Cable	Flush/Stepped/Other	
Cable Sheathing	HARDPARK	Colour
Roof Cladding		
Roof Pitch	20°	
Off From Frame	600	
EXTERIOR SHEATHING <b>HARDPARK</b>		
INTERIOR LININGS		
Ceiling		
Walls		
Shower	Type	Colour
INTERIOR JOINERY		
Doors	Type	Colour
Dresser Tops		
Sink		
Vanity		
Other		
ELECTRICAL		
Stove	Type	Colour
Ceiling Lights		Wall Lights
2 Way Lights		
Power Points	Single	Double
Shaver		Other
FLOOR SANDER		
1 Cut	2 Cuts	Fine Sand
Polyurethane		
WALLPAPER		
Service Rooms	P.C. Sums	Balance
PLUMBING		
Town Supply: Yes/No	H/L Pressure	Other Supply B/O
Pressure Reducing Valve		Ceiling Tank
Hose Taps		W.M. Taps
HWC 135-180L		Electric Gas
INSULATION		
	FLAT	RAKED
Ceiling	R13 Pown Wool	R14 B.M.
Ext. Walls	600 Foli	R11 Sums
Under Floor	400 Foli	120 Foli
DRAINAGE		
	Septic/Sewer	
BASEMENT		
Floor Type	See Plan	
Beam Type		
Ext. Sheathing		
Ceiling Linings		
Windows		
Insulation		
Electrical	Lights	P.P.s
Drainage	Plumbing	
OWNERS CARE		
ADDITIONAL ITEMS		
Date		Initials

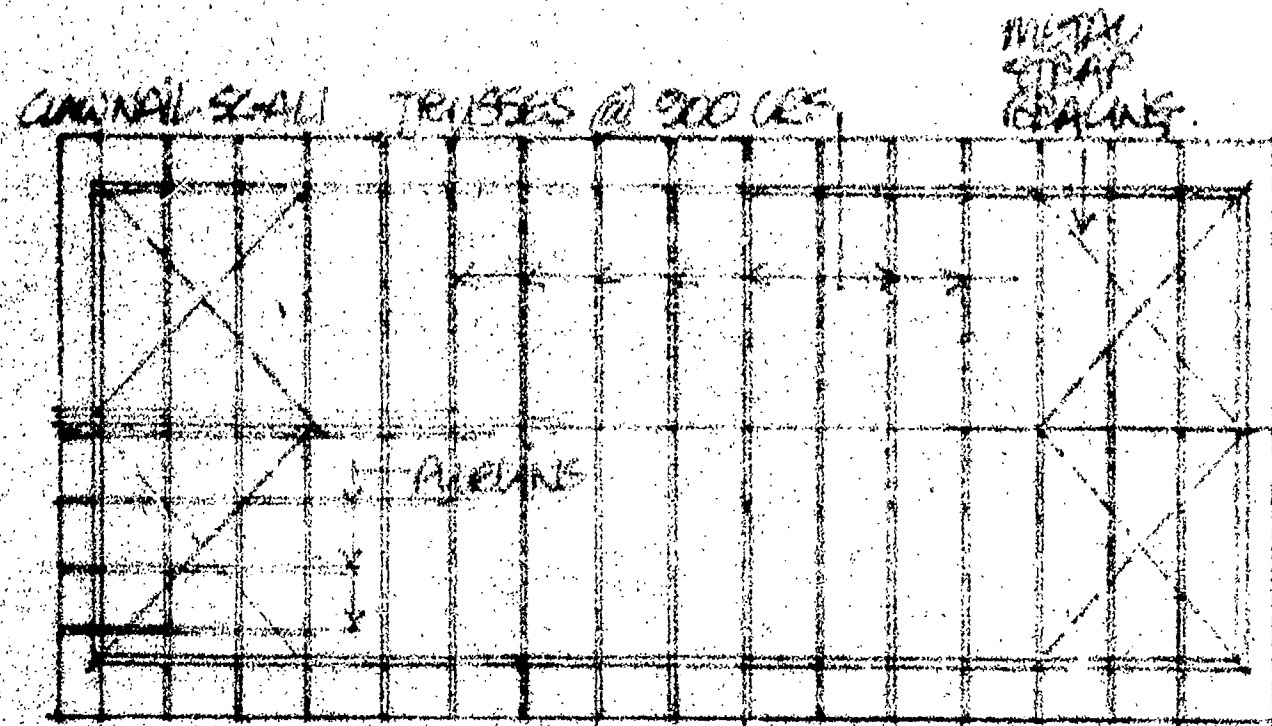
NEW PLYMOUTH CITY  
SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, COVERING  
CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACTS  
AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL

M.J.R. PORTER  
S.C. WARD  
26B NEVADA DR  
NEW PLYMOUTH

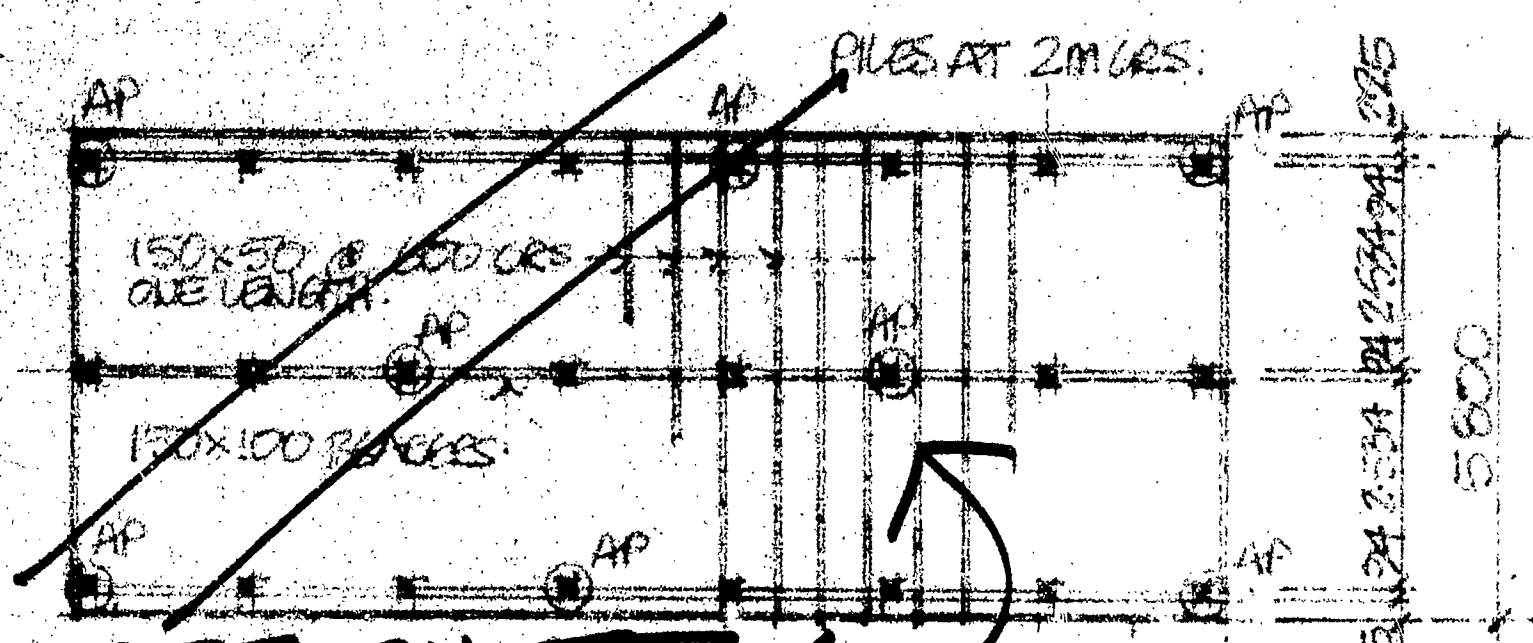


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RESIDENTIAL



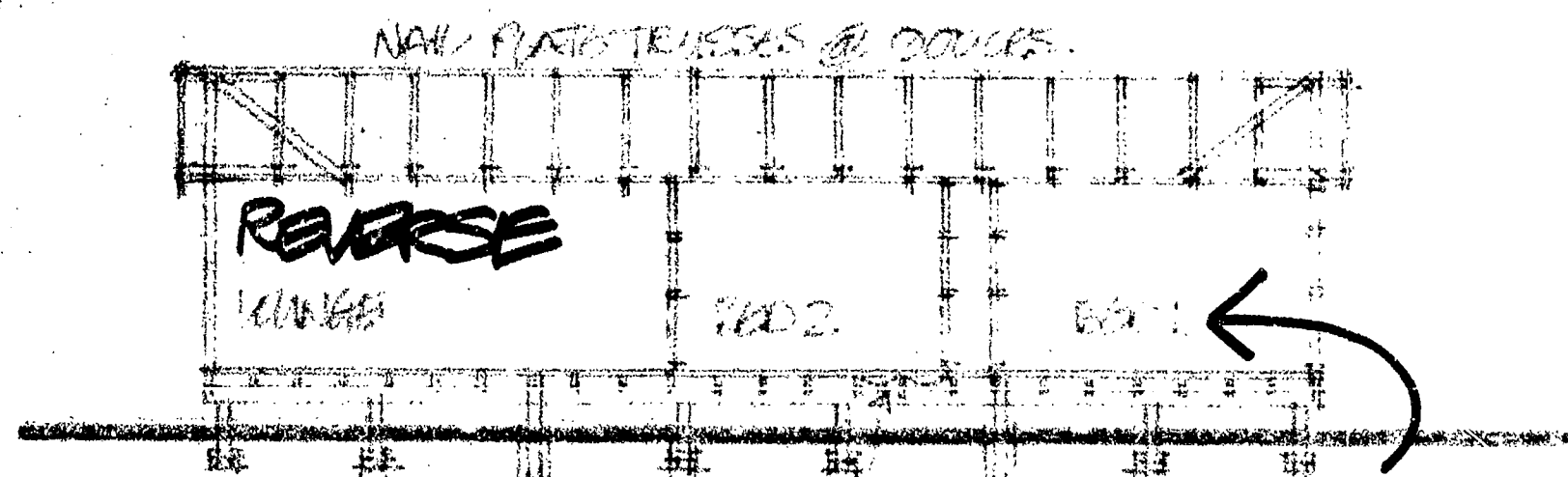


**ROOF FRAMING PLAN.**  
SCALE 1/8"=1'-0"



**SEE SHEET 4 for REVISED FOUNDATIONS FLOOR FRAMING PLAN.**  
SCALE 1/8"=1'-0"

125x125 C28 TANAPILES SET ON CONCRETE PADS OR ANCHOR PILES AS SHOWN. SEE DETAIL.  
EXTERIOR PILES SET IN 450x4 PAD (LOAD BEARING)  
INTERIOR PILES SET IN 310x4 PAD x 200 DEEP.



PERFORATED FILL INSULATION

**LONGITUDINAL SECTION**  
SCALE 1/8"=1'-0"

**READ THIS SHEET AS REVERSE PLAN!!** REFER OTHER SHEETS

AND SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, COVERING, CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACTS, REGULATIONS AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL.

DATE \_\_\_\_\_

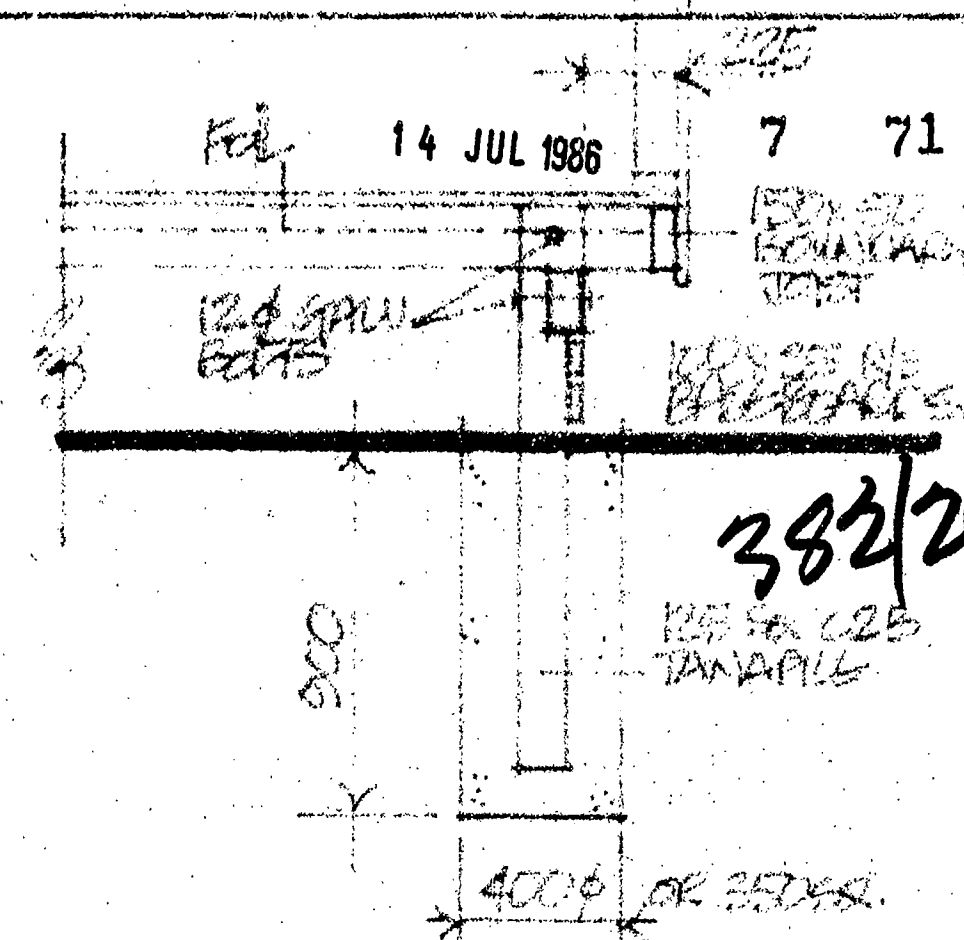
PLANNING \_\_\_\_\_

HEALTH \_\_\_\_\_

ENGINEERING \_\_\_\_\_

PRINCIPAL \_\_\_\_\_

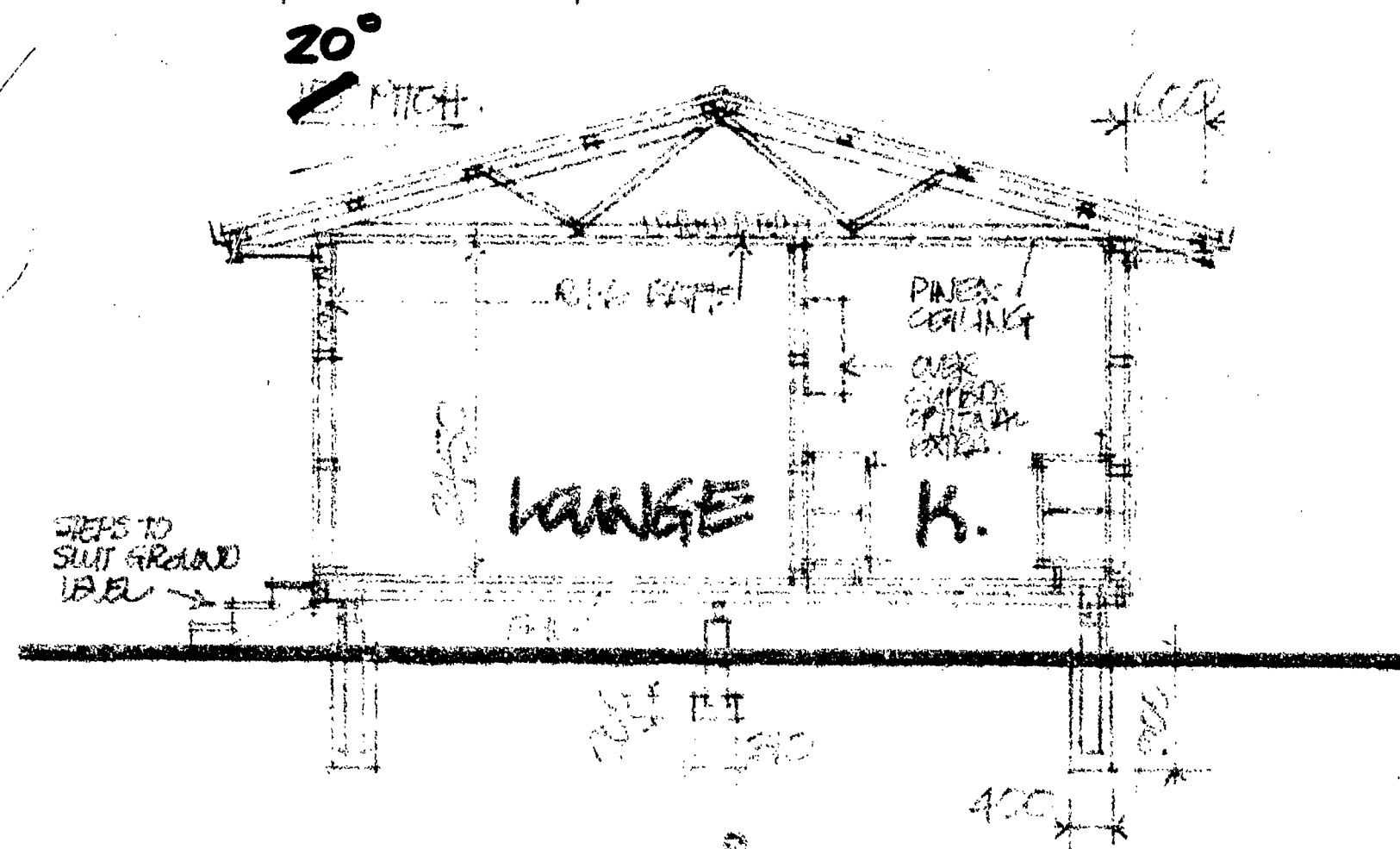
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH CITY COUNCIL AND MUST REMAIN ON SITE.



**ANCHOR PILE DETAIL.**

## CONSTRUCTION SUMMARY.

0.40 BMT CORR GALV STEEL ROOF AT 1/20° PITCH.  
LIGHT WEIGHT DUREX BUILDING PAPER 20° PITCH.  
75x75 PURLINS AT 900 MAX CENTRES.  
NAILED PLATE TRUSSES @ 900 MAX CENTRES.  
PIPER GLASS BATT CEILING & WALL INSULATION.  
SUNDRY PARTICLE BOARD FLOORING IN LARGE SHEETS.  
FLOOR JOIST JOISTS AT 600 C/S IN ONE LENGTH.  
150x100 BEAMS AS SHOWN.  
PERFORATED FILL UNDER FLOOR INSULATION TO DEPTH 100MM.  
HANDY PANK WEATHERBOARDS ON BUILDING PAPER.  
100x50 & 15x50 WALL FRAMING SHEET. WALL LINING.  
HANDY PANK SOFFIT 150x35 FASCIA/BARGE BOARDS.  
MARKER PVC SPRINKLING AND DOWNPIPES.



**CROSS SECTION.**

## BRACING CALCULATIONS:-

STOREY SLAB	Roof Type 1	Roof Pitch 25°
Wind Area	W = 3.5	Roof U's
Earthquake Zone	E = 1	Roof U's
Roof or Building Length	BL = 14.4	M
Roof or Building Width	BW = 5.4	M
Gross Roof or Plan	GPA = 3.5	M
Earthquake	RU's Along & Across	E x GPA = 2.5 x 3.5 = 8.75
Wind BU's Along	W x BW = 18.9	
Wind BU's Across	W x BL = 47.5	

Wall Line	Min B.U.'s	No.	Type	B.U. Rating	Length	B.U.'s Given
A	44	2	1	42	2.4	100.8
B	70	3	2	62	2.0	124
C	44	4	1	42	2.4	100.8
D						

TOTAL MIN. 358 TOTAL 527.2  
TOTAL B.U.'s REQUIRED ALONG 700

Wall Line	Min B.U.'s	No.	Type	B.U. Rating	Length	B.U.'s Given
L	58	6	1	42	2.4	100.8
M	70	7	2	62	2.4	148.8
N	70	8	2	62	1.8	111.6
O	70	9	2	62	2.0	124
P	58	10	1	42	2.4	100.8

TOTAL MIN. 326 TOTAL 586  
TOTAL B.U.'s REQUIRED ACROSS 475

## ADDITIONAL ITEMS

Date \_\_\_\_\_ Initials \_\_\_\_\_

## TRUSS ROOF

TYPE 1/2" x 1/2" x 1/2"	PLAN No.	ISSUE
DRAWN BY	SCALE	AREA No.
DATE 3/25	AREA	JOB No.

## CLIENTS NAME

**M.J.R. PORTER**  
**S.C. WARD**  
**26B NEVADA DR.**  
**NEW PLYMOUTH**

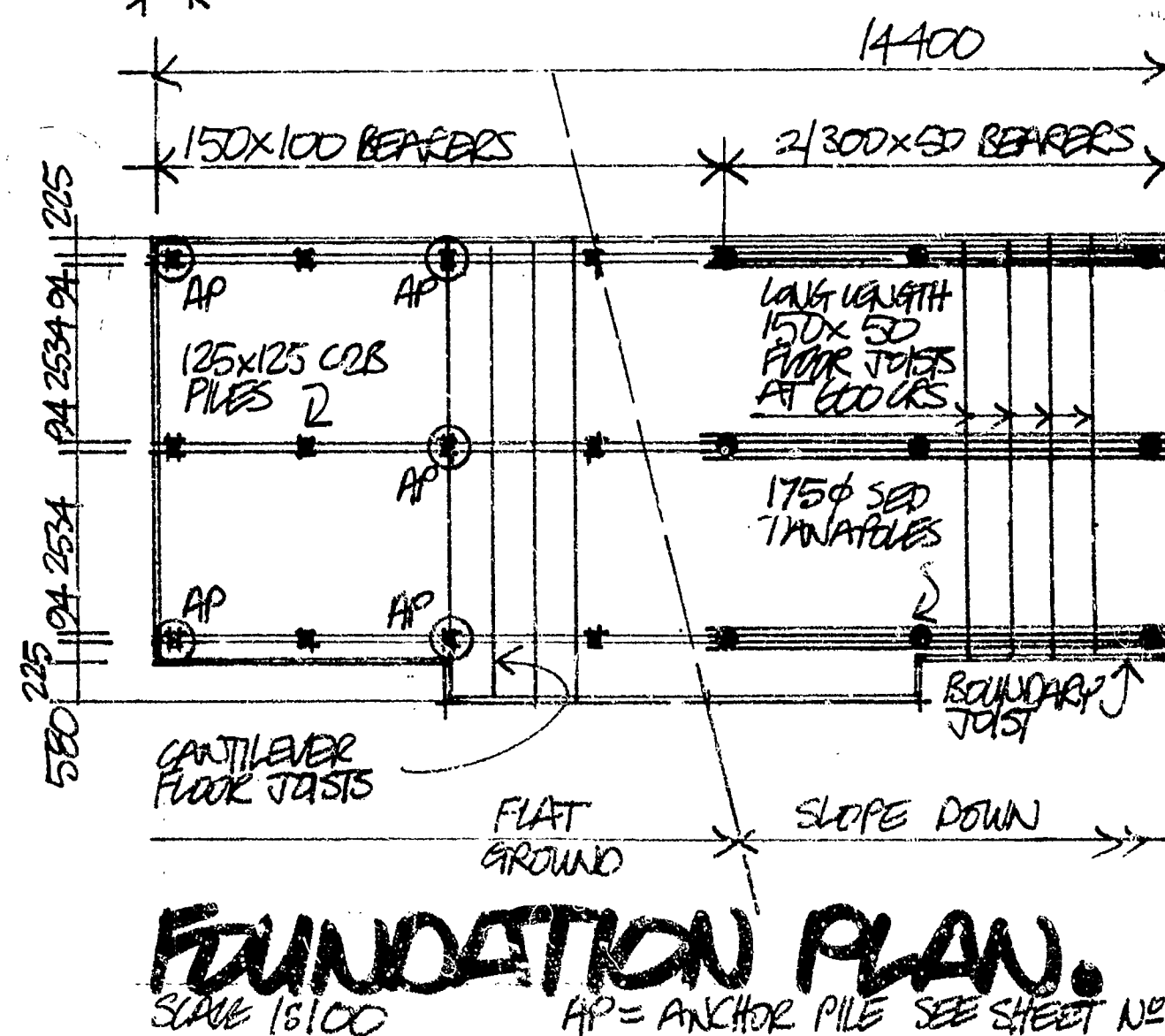
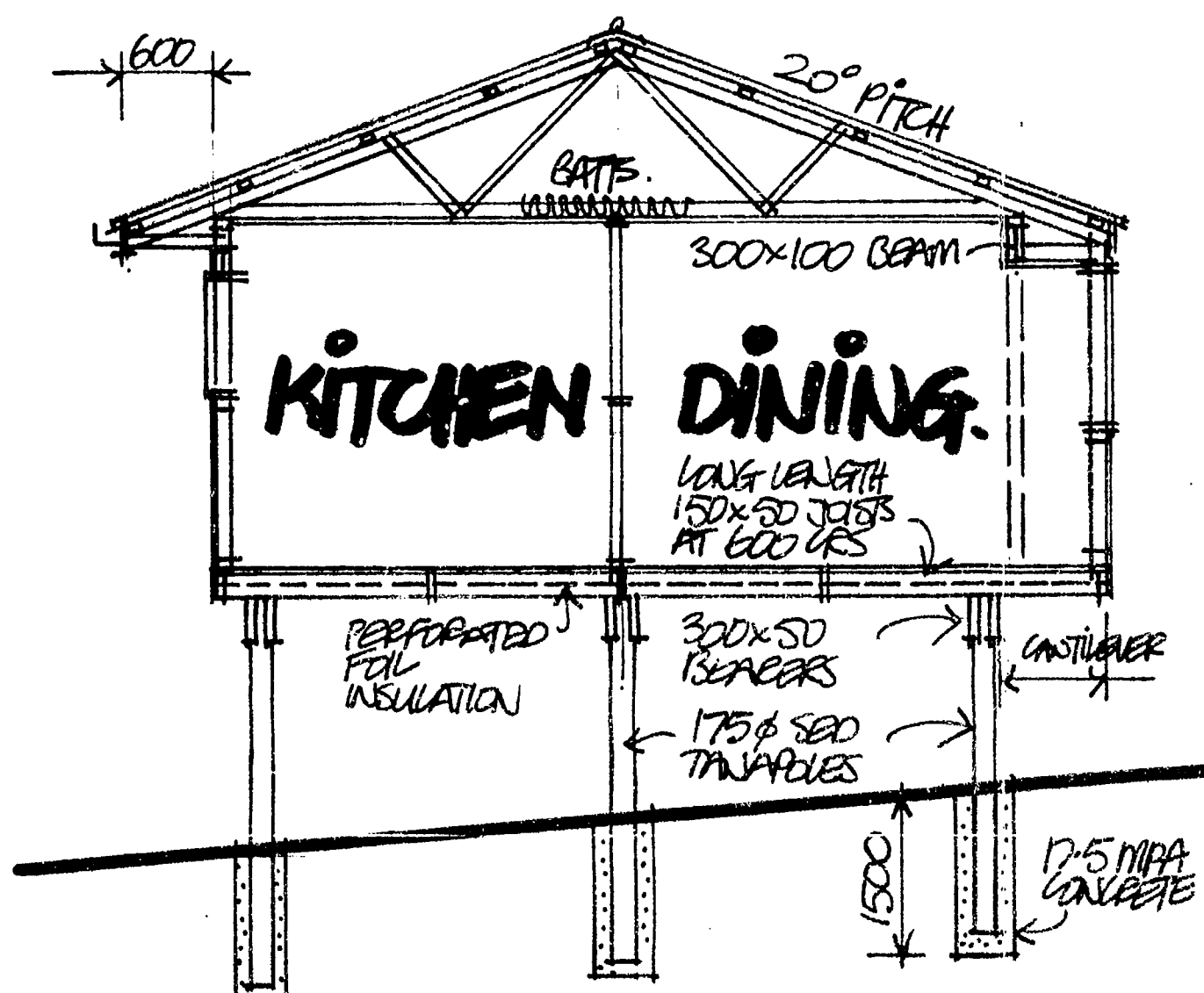
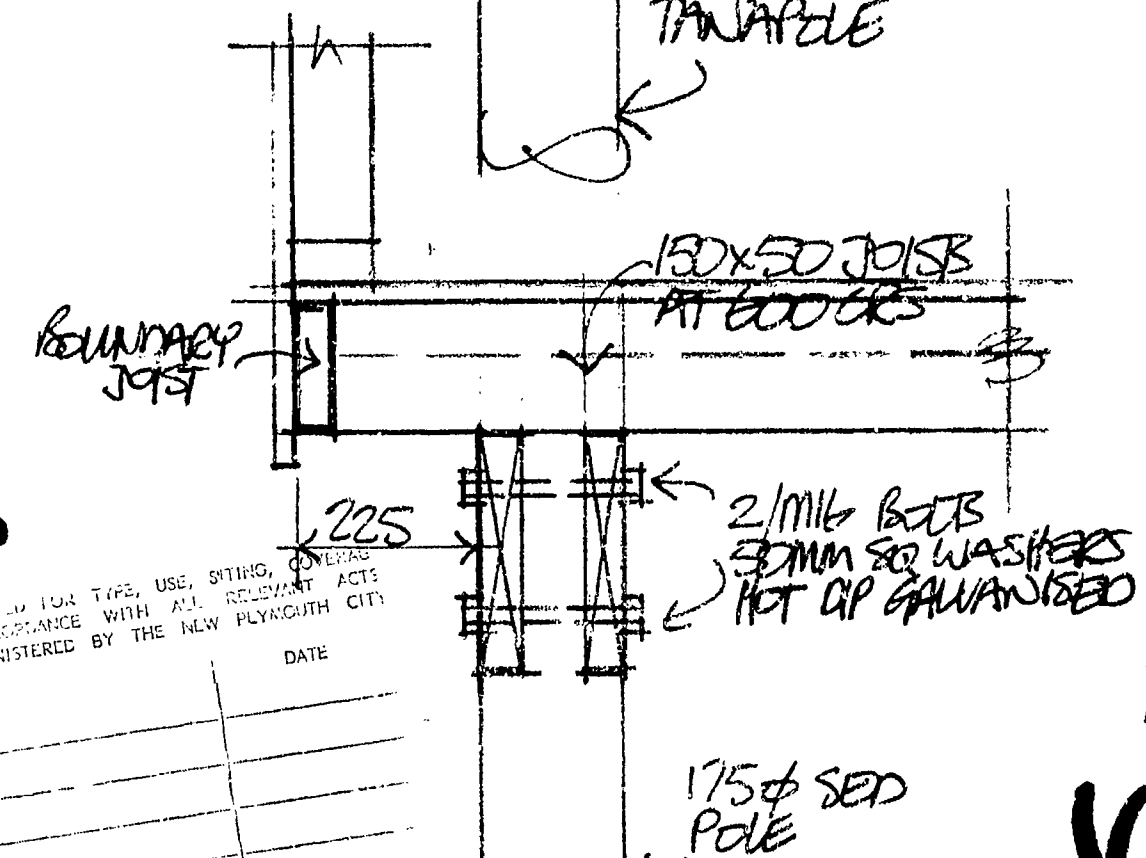
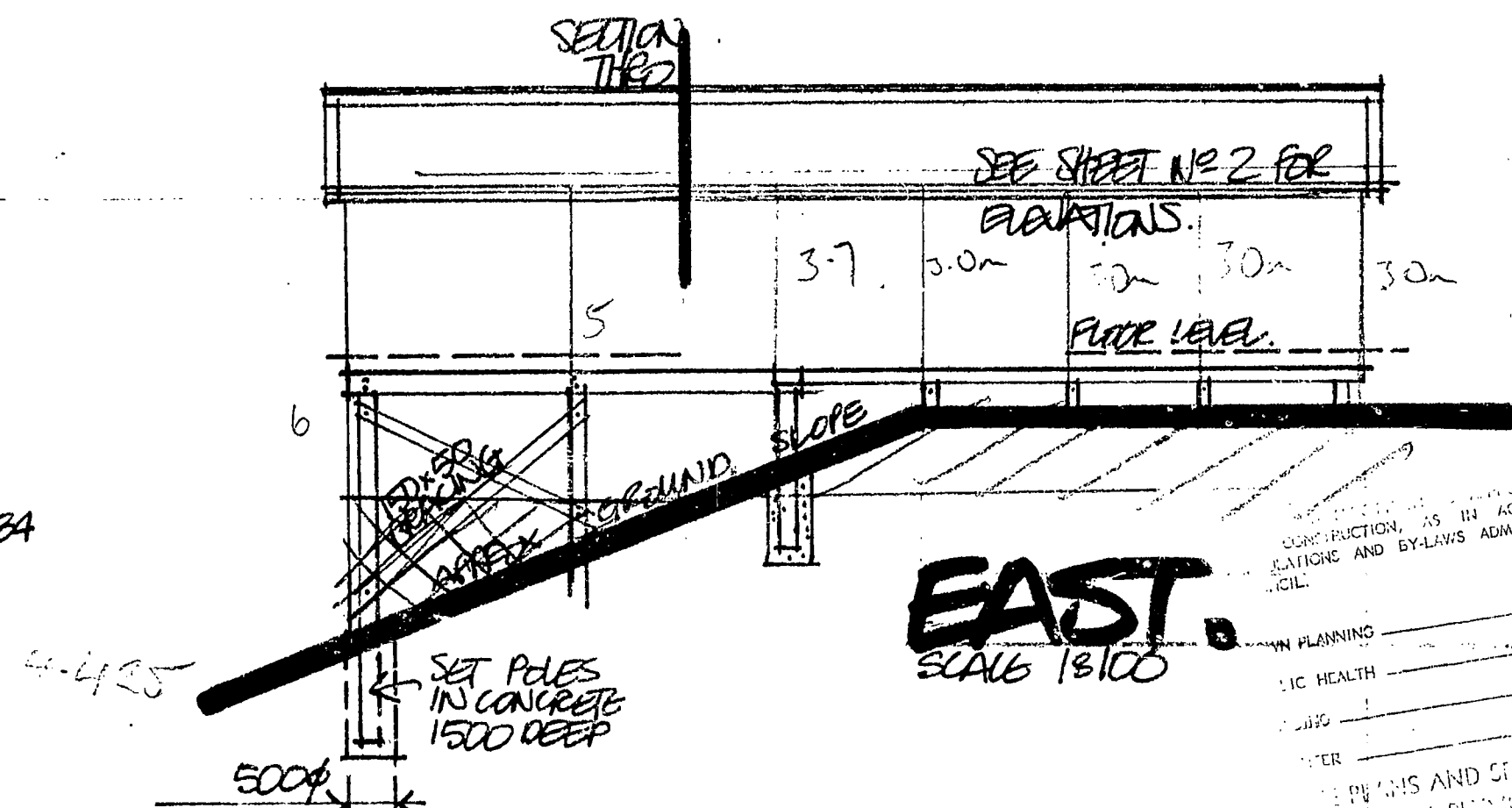
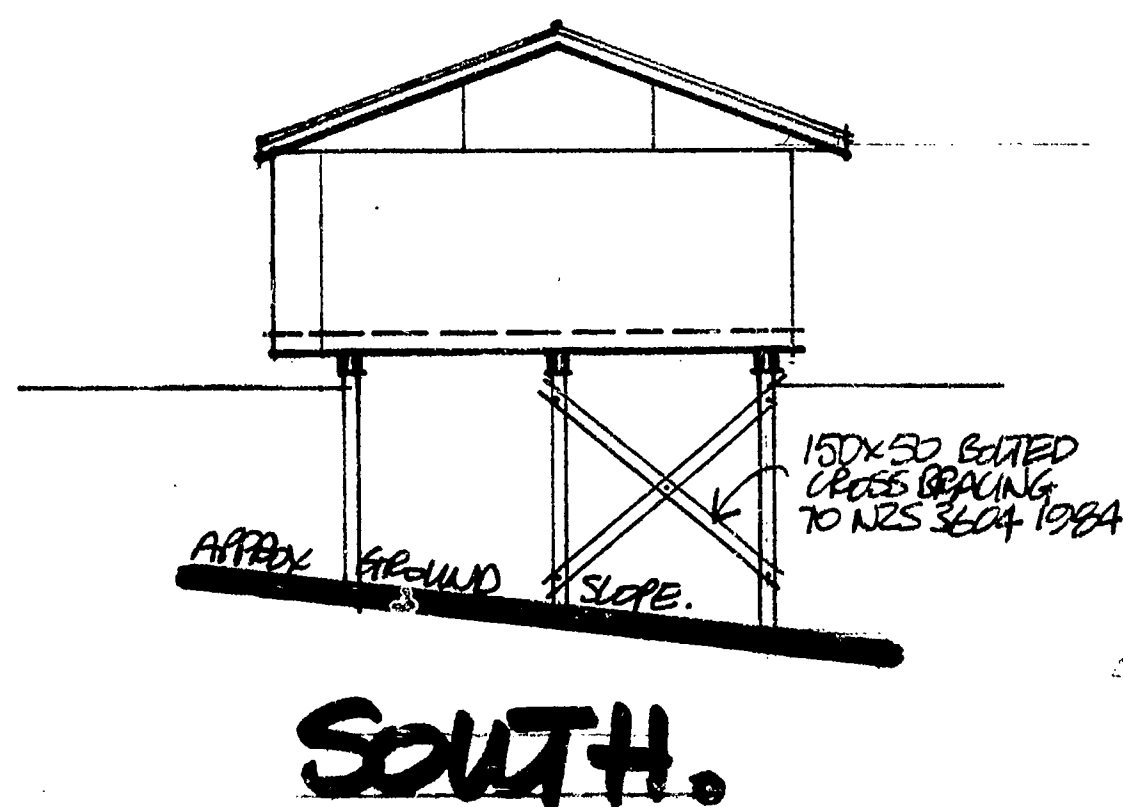
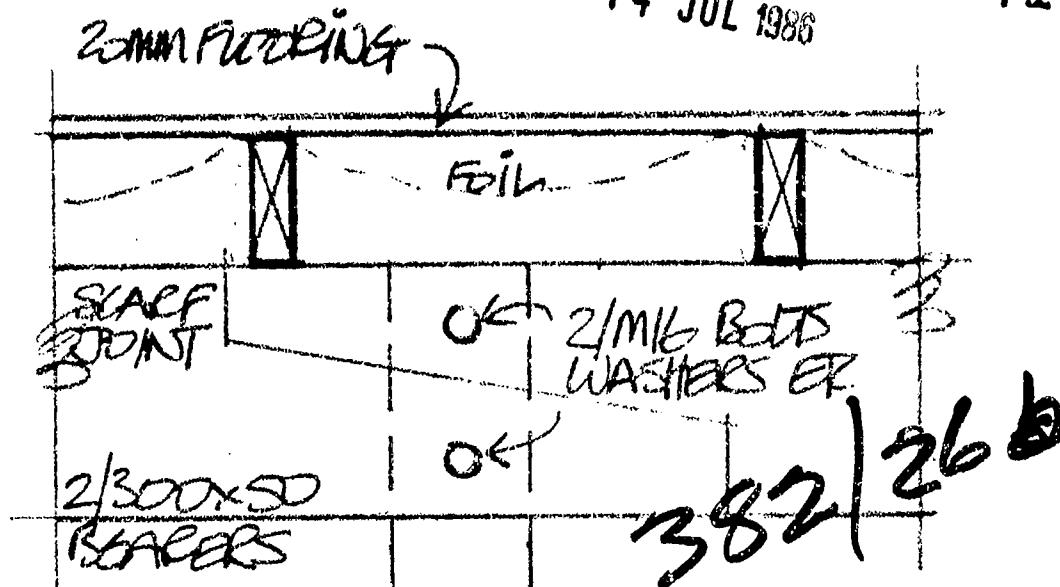
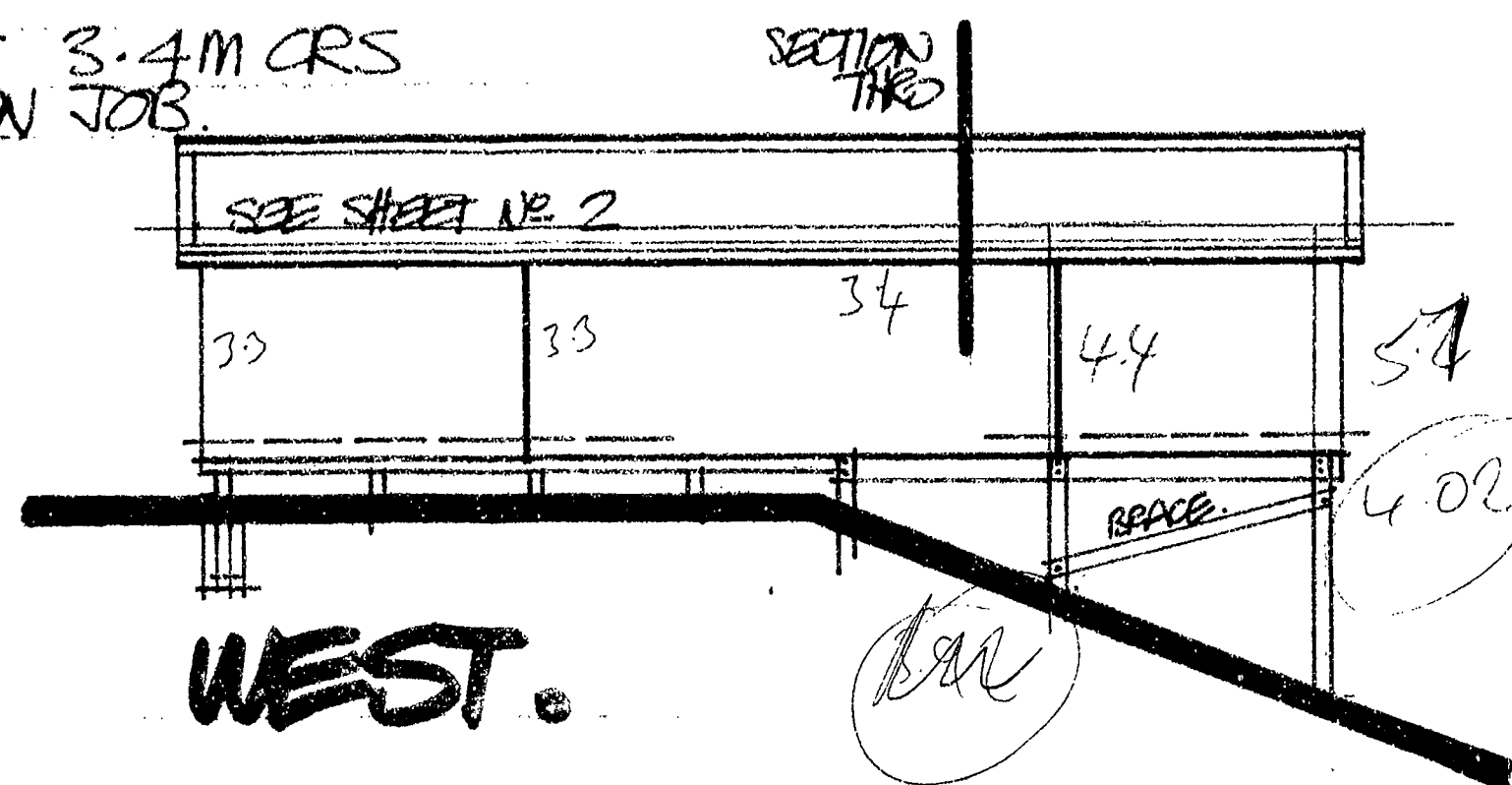
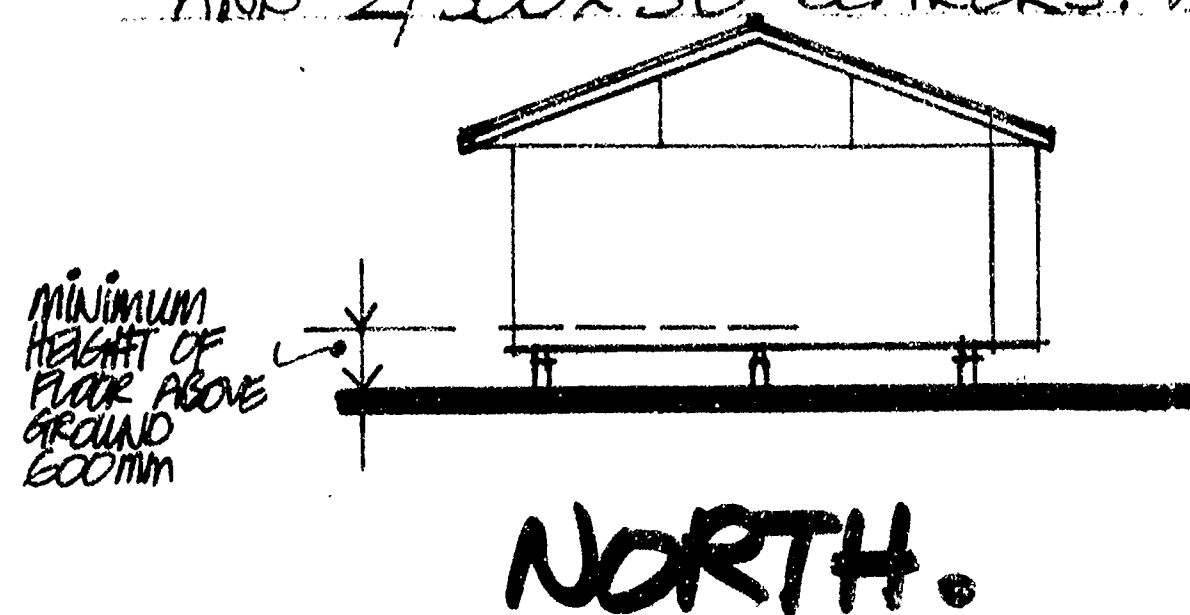


A DIVISION OF FLETCHER RESIDENTIAL **3in4**

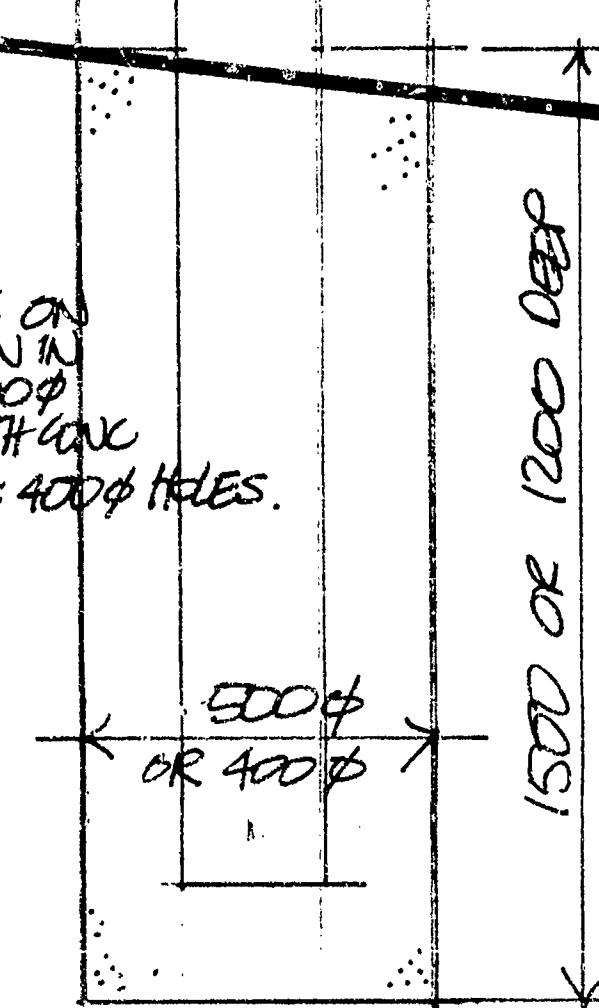


**NOTE:** ALTERNATIVELY USE ALL 175 $\phi$  POLES AT 3.4M CRS AND 2/300x50 BEARERS. VERIFY ON JOB.

14 JUL 1986 7 71



SET LONG POLES ON  
SOUTH ELEVATION IN  
1500 DEEP X 500 Ø  
HOLES & FILL WITH CONC  
OTHERS IN 1200 X 400 Ø HOLES  
VERIFY AUTOS



POPE DETAILS:



**MEMBER OF THE FLETCHER  
GROUP OF COMPANIES**

TITLE. M.J.R. PORTER & S.C. WARD  
26 B NEVADA DRIVE, NP.

[illegible]

Drawn 1. CHRIS G	Date. MAY '86	Type. CLASSIC V
Drawn 2.	Scale. VARIOUS	Plan No.
Checked.	Area.	Sheet. 4 in 4

## BUILDING FILE

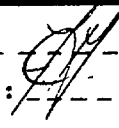
Code No. 382 / 26<sup>B</sup>Subject GARAGENo. Sheets           Permit No 30134Date 15.9.87

NEW PLYMOUTH CITY COUNCIL

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 9 67

Project: GARAGE Check Sheet No. 30134  
Owner: M J R PORTER & S C WARD Sewer Sheet No. 123 A Plotted:   
Address: 26 B NEVADA DR Zone: R1  
Lot No. 1 D.P. 15452 Sec. No. Area of Site:


VERIFYING TO  
COMPLETED BY  
22/9

TOWN PLANNING

Designations  
Area of Buildings  
Coverage 555m<sup>2</sup>  
Maximum Height  
Front Yard  
Relat. of Bldg. Size: (1) Rear Yard  
(2) Side Yard  
Open Space  
Grassed Areas  
Trees  
Building Lines & Street Widening  
Parking  
Access to Rear of Site  
Accessory Buildings  
Service Lanes & R.O.W.  
Crossing Length  
Gross Floor Area of Shops  
Resid. Accom.  
Levels of Site  
Use of Yards  
Loading  
Screening  
Amalgam. of Titles

SEE SECTION CARD	
TOWN PLANNING	
BUILDING	
DRAINAGE	SEWER
WATER	WATER

Remarks:  
sub'd 1960 - 5/24 "MUSEUM"

Approved   
Not Approved

# S E R V I C E S

## A: SEWER CONNECTION

## STORMWATER CONNECTION

Existing Service	-----	-----
Required Service	-----	-----
Location	-----	-----
Depth	-----	-----
Special Requirement	-----	-----
Common Drain	-----	-----
Fee \$	-----	-----

FEE \$ :

## B: WATER CONNECTION

Existing Service	-----	-----
Distance from L/Boundary	-----	Height above Datum
Distance: Main to Boundary	-----	
Boundary to Load	-----	
Required Service	-----	
Water	-----	

FEE \$ :

## C: PLUMBING

No. Fittings	3	2	1	2	2	2	Others
W.Ce	-----	Baths	-----	Basins	-----	Sinks	-----
Total Values	-----	-----	-----	-----	-----	-----	-----
Supply Pipe Sizes	-----	-----	-----	-----	-----	-----	-----
Backflow Prev.	-----	-----	-----	-----	-----	-----	-----
Other Fittings	-----	-----	-----	-----	-----	-----	-----
Estimated Value	-----	-----	-----	-----	-----	-----	-----
						Plumbing Fee	-----

DRAINAGE

Existing	-----	Required	-----
Fittings Required	-----		
Common Drain	-----		
Septic Tank	-----		
Stormwater	-----		
Estimated Value	-----		
		Drainage Fee	-----

Total Estimated Value P. & D. \$ : FEE \$ :

## D: VEHICULAR CROSSINGS

Type of Footpath	<i>None</i>	Condition	<i>Good</i>
Kerb & Channel	-----		
Existing Crossing	<i>Good</i>	Inst. No.	-----
New Crossing	-----	Position	-----
Strengthen Path Sq.Yds.	-----	Level at Boundary	-----

STREET WORKS FEE \$ : DEPOSIT DAMAGE FEE \$ :

**REMARKS : CORRESPONDENCE : AGREEMENTS**  
**SPECIFIC REQUIREMENTS**

Note: G.S.T. is to be excluded from all fees quoted in this Document.

The building should be situated on the side wall  
at least 1m away from the stormwater main.

Approved [Signature] 27/9

Not Approved [Signature] 25/9

Approved [Signature]

Not Approved

Approved [Signature]

Not Approved

Approved [Signature]

Not Approved

Approved B. J. Palmer 23/9/87

Not Approved



**E : HEALTH & BY-LAWS**

Areas \_\_\_\_\_  
Light \_\_\_\_\_  
Ventilation \_\_\_\_\_  
Remarks: \_\_\_\_\_

Approved REC 24/3 24/3/57  
Not Approved \_\_\_\_\_

**F: DANGEROUS GOODS**

Domestic or Commercial \_\_\_\_\_  
Storage Capacity & Location \_\_\_\_\_  
Licence Required \_\_\_\_\_ Yes/No \_\_\_\_\_

Approved \_\_\_\_\_  
Not Approved \_\_\_\_\_

## G : BUILDING

Remarks:

FEES:		
Bldg.	\$5000.00	35.00
Water Bldg.		
B.R.L.		
TOTAL		\$ 35.00

Building Inspector\_\_\_\_\_

Approved MBG - 11-9-87  
Not Approved \_\_\_\_\_

Specification: \_\_\_\_\_

Structural Engineer \_\_\_\_\_

Approved\_ \_ \_ \_ \_  
Not Approved\_ \_ \_ \_ \_  
Recommended\_ \_ \_ \_ \_  
Not Recommended\_ \_ \_ \_ \_

Fire Service\_ \_ \_ \_ \_ 2a

PERMIT NO. 29213

**APPROVING ENGINEER**

Approved \_\_\_\_\_  
Not Approved 30/9/87

# NEW PLYMOUTH CITY COUNCIL

FOR OFFICE USE:

File No. 9 67  
 Receipt No. 76651  
 Date of Receipt 15.1.88  
 Check Sheet No. 30134  
 Sewer Sheet No. 123A  
 Zone Res R1

ADDRESS OF PROPERTY 26 B NEVADA DRIVE Date 15.9.87  
 LEGAL DESCRIPTION OF LAND: LOT 2 D.P. 1014  
 NAME OF OWNER OF LAND MJB Porter & SC Ward ADDRESS above  
 NAME OF OWNER OF BUILDING: MJB PORTER & SC WARD ADDRESS above  
 NAME OF PRINCIPAL CONSULTANT: ADDRESS  
 NAME OF OCCUPIER: ADDRESS  
 NAME OF BUILDER: Jim Krohn PH 513206 ADDRESS 5 Regent Place NP

## PROPOSED USE OF BUILDING

For Permission To Build garage

Documents: attached as part of this application which are applicable:

- Drawings - Two sets (See notes on back of sheet) ☐
- Specifications - Two copies ☐
- Form No. 2 - Structural Design Features Summary Part A and Part B ☐
- Form No. 3 - Fire and Egress Features Summary ☐
- Building Project Authority ☐
- Estimated starting date.....
- Estimated completion date.....

## DESCRIPTION OF PROPOSED WORK:

New building ☒ Conversion ☐  
 Addition ☐ Demolition ☐  
 Alteration ☐  
 Hoardings Mths

New floor area 32 m<sup>2</sup>

Total Value of Building Excluding G.S.T. \$ 5000-00

Sanitary Plumbing and Drainage (Labour only) \$  
 (Excluding G.S.T.)

Value of Building for Permit \$

FOR OFFICE USE  
 Corrected Value

NAME OF APPLICANT Jim Krohn

Address

5 Regent Place NP

Signature

*[Signature]*

Telephone No.

513206

Acting in capacity

Builder

(e.g. owner, builder, principal consultant)

File No. 9/67/87

Date Permit Issued 15, 1, 88

✓ **NAME** J PROTUN  
**MAILING ADDRESS** 5 RICHIST PLAGE  
NEW BRIMCOTH  
513206

**LEGAL DESCRIPTION**

Valuation Roll No. \_\_\_\_\_

Lot 1 D.P. 15452

Section \_\_\_\_\_ Block \_\_\_\_\_

Survey District \_\_\_\_\_

GARAGE — DWELLING

TOTAL		5000	00
ESTIMATED VALUES \$	Building		
	Plumbing		
	Drainage		
	TOTAL	2500	00

☐ NEW BUILDING  
- exclude domestic garages and domestic outbuildings

☐ FOUNDATIONS ONLY

☐ ALTERED, REPAIRED, EXTENDED, CONVERTED, RESITED  
- include installation of heating appliances

☐ NEW CONSTRUCTION  
OTHER THAN BUILDINGS - include demolitions

☒ DOMESTIC GARAGES  
AND DOMESTIC OUTBUILDINGS

Building Permit .....	\$ _____	Water Connection .....	\$ _____	Receipt No. _____
Street Damage Deposit .....	\$ _____	Vehicle Crossing Levy ...	\$ _____	Date of Payment <u>15/1/88</u>
Building Research Levy ..	\$ _____	M.S. Plumbing .....	\$ _____	Authorised Officer <u>M. Jones</u>
Plumbing .....	\$ _____		\$ _____	
Drainage .....	\$ _____		\$ _____	
Sewer Connection .....	\$ _____	<b>TOTAL:</b>	\$ _____	

**Special Conditions:**\_\_\_\_\_

Date Inspected	REMARKS (e.g. stage reached with work)
18.3.88	Footings Dug ground firm
21.3.88	STEEL PLACED WELL TIED - LAPPS OK TO POUR
20.4.88	FLOOR INSP - STEEL WELL TIED OK TO POUR

(CONTINUED OVER)

Date Inspected

17-5-88

Framing In Progress rock tray  
Bracing OK Dips Gashed Down ok

20/6/88

Completed

COMPLETED (Signature) \_\_\_\_\_ Date   /  /

NEW YORK

D.P. 14907

D.P. 10390

D.P. 154

H. J. Barber  
10/72

H. B. Rubin  
4/73

F. J. Nicholson  
9/72

M. N. N. N.  
10/72

D. W. W. W.  
3/71

C. B. W. W.  
7/72

FLAT 1  
6/83

9/83

See D.P. 14289  
for Units

H. L. L. L.  
4/83  
11455  
FLAT 2

WILSON  
10/79

USPORT  
1/86

88

8C

8D

26B

26C

N. J. Barnes

FLAT 2  
10/72

Sweeney  
2/76

5/81

9/87

4

30

26A

3

16

15

14

26A

D. P.

154

16<sub>mm</sub> 35<sub>mm</sub>

# BUILDING FILE

Code No. 382 / 26<sup>B</sup>

Subject GARAGE

No. Sheets 2

Permit No 30134

Date 15.9.87



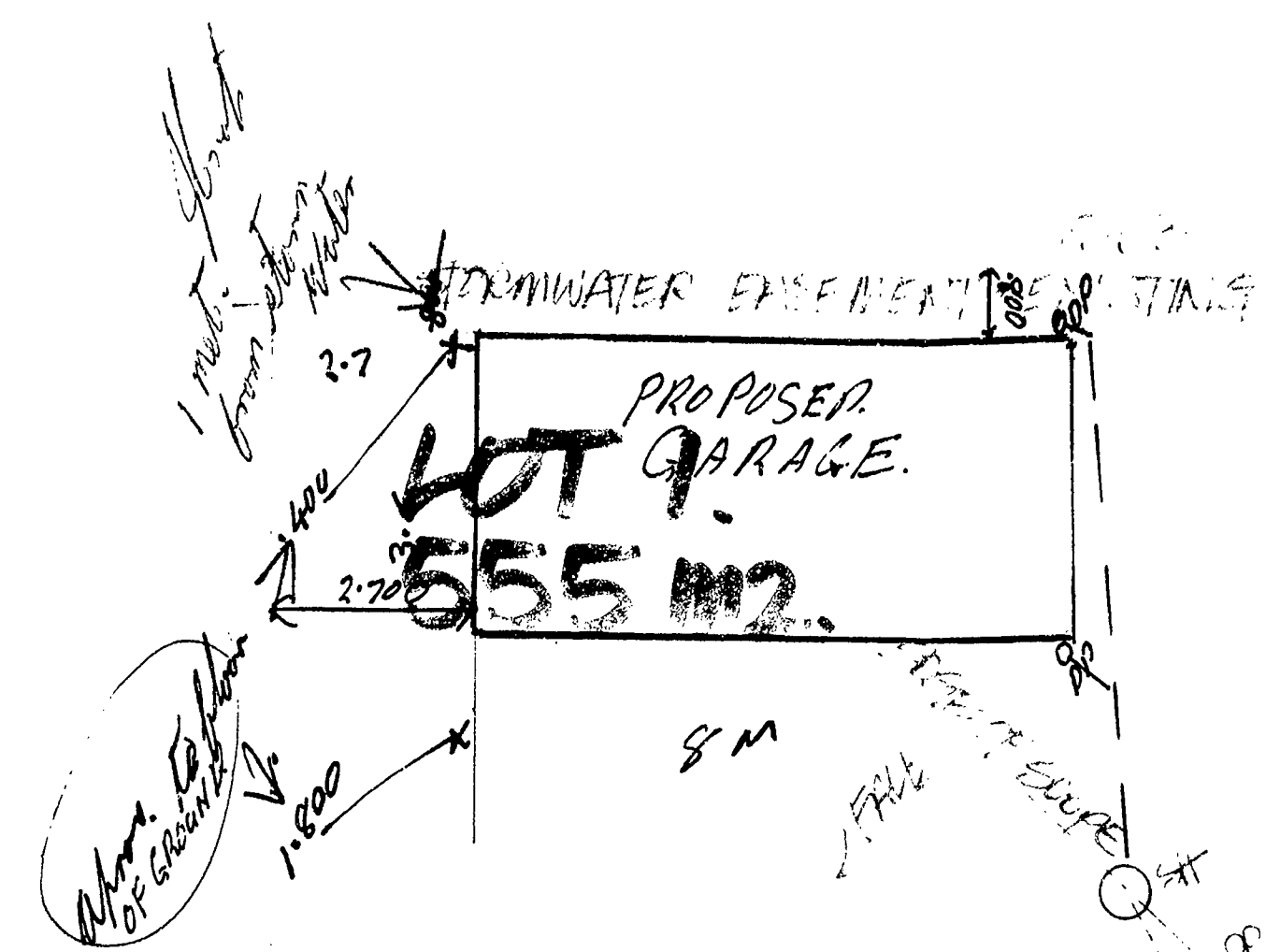
POWER  
MANHOLE - APPROX.

15 SEP 1987 9 67

R.C.W.

382/26<sup>B</sup>

NEVADA DRIVE



DECK:  
100x40 SLATS C7  
125x50 JOISTS AT 600  
100x100 POSTS C3  
SET IN 300x300  
CONCRETE PADS  
900 DEEP  
PROVIDE HANDRAIL  
ALL ROUND



ALL PLANS AND SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE CITY OF LAS VEGAS PLANNING AND BUILDING DEPARTMENT REGULATIONS AND BYLAWS ADMINISTERED BY THE DEPARTMENT.

16/9/87  
24/9/87  
18-9-87

STP PLAN

22/9

NORTH  
POINT



Jim Groban  
PH 513 206

MEMBER OF THE FLETCHER GROUP OF COMPANIES

TITLE  
NORTH POINT  
24/9/87

AMENDMENTS  
No. Date

Initials

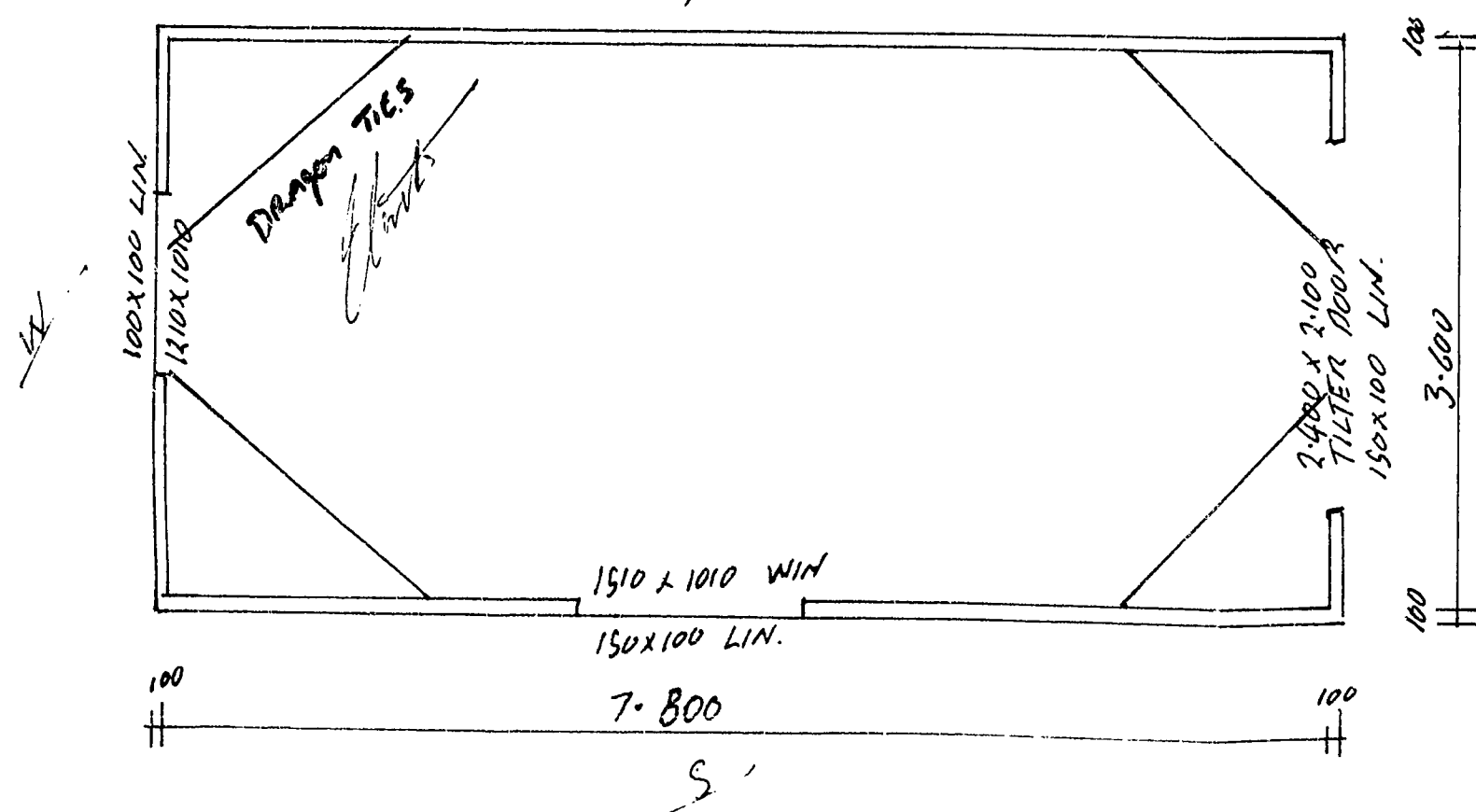
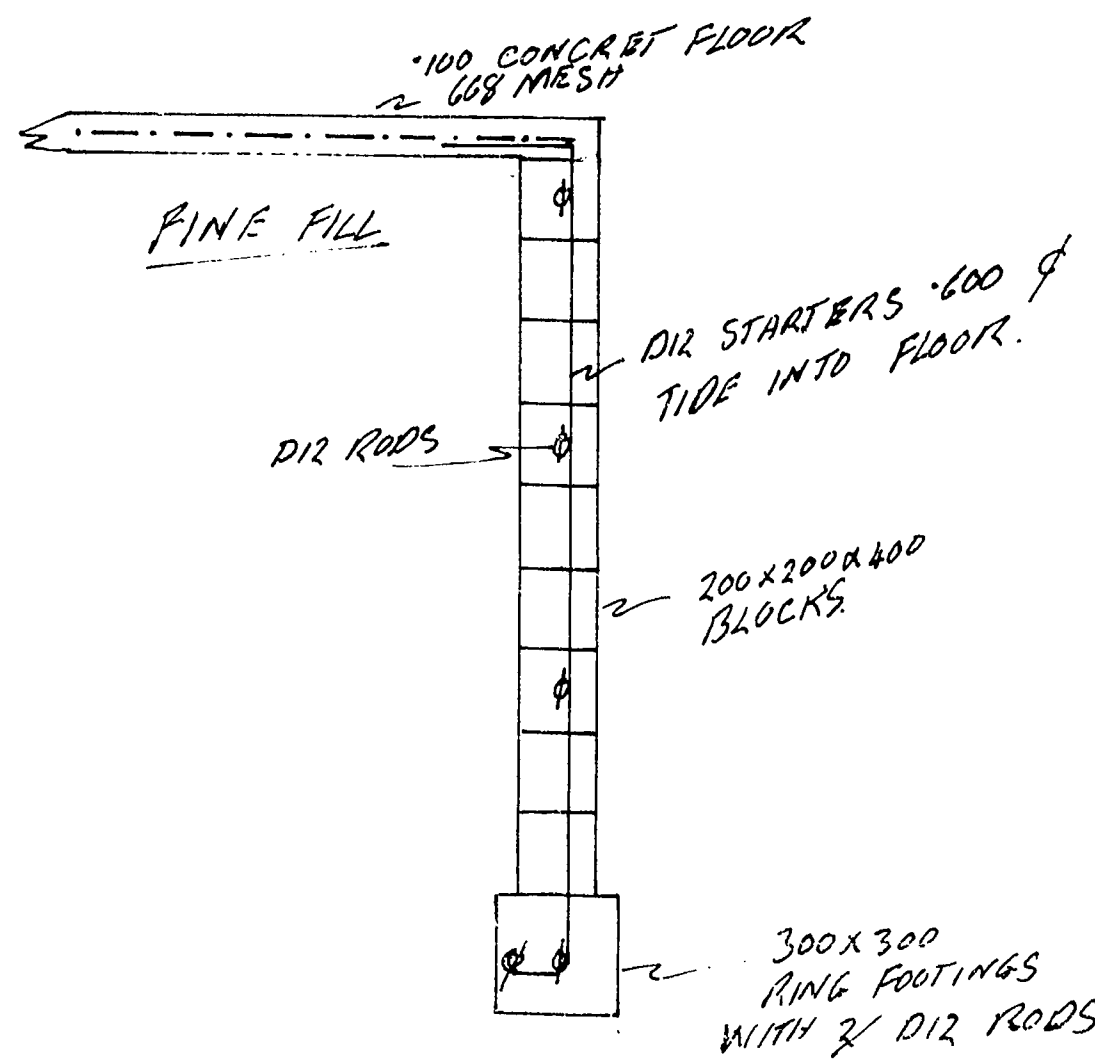
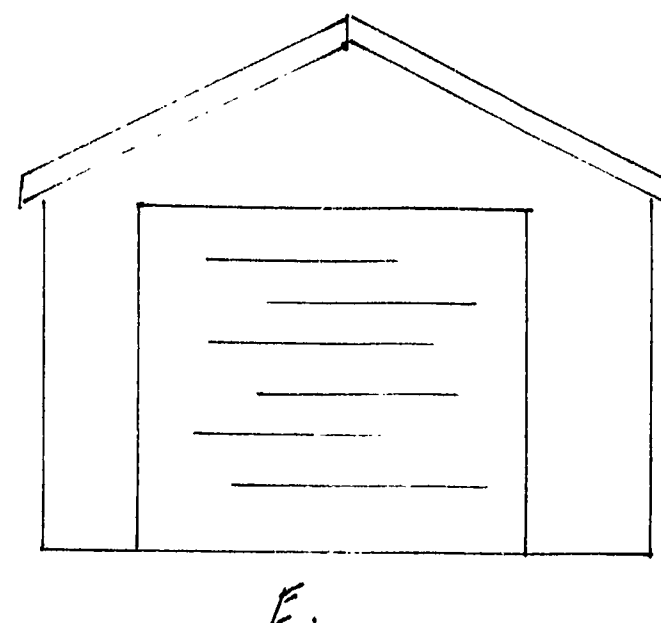
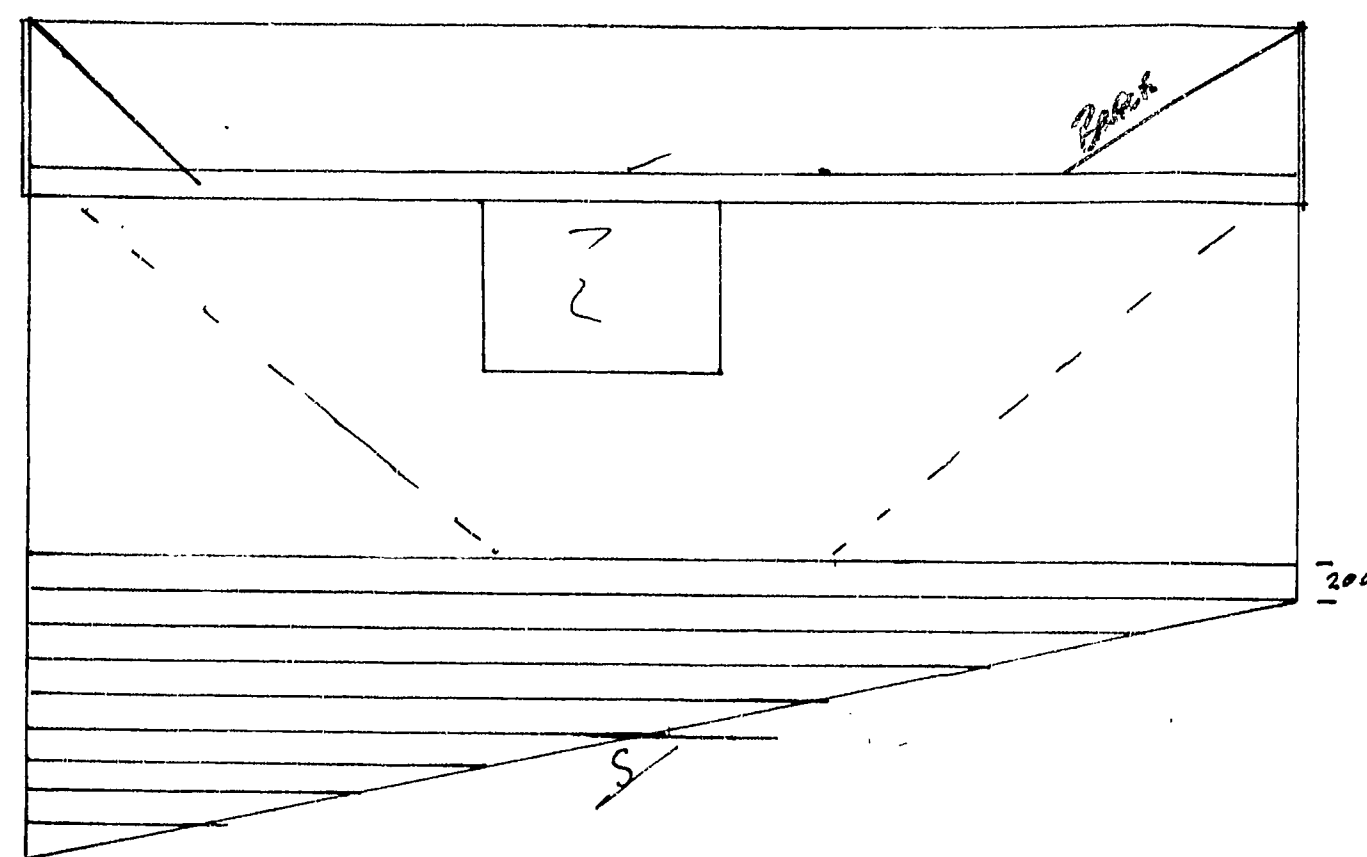
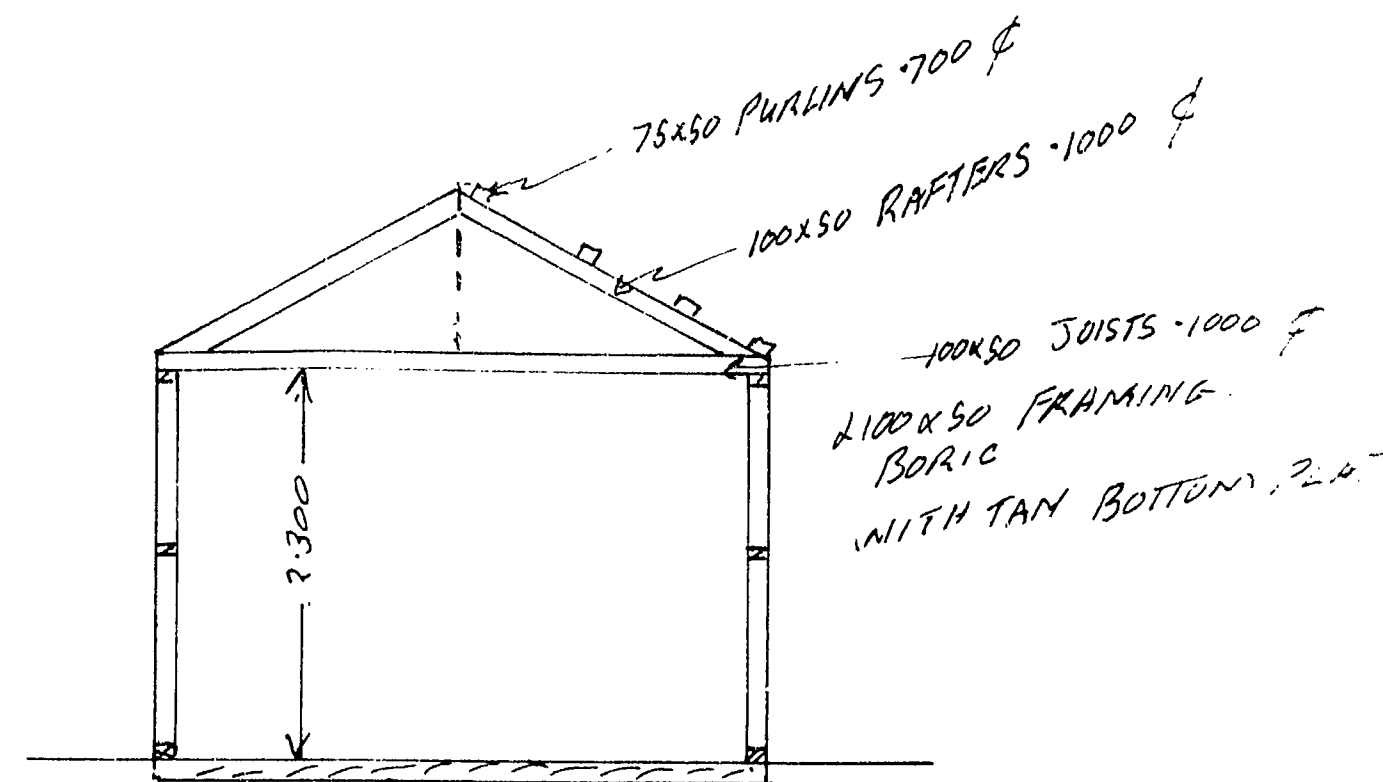
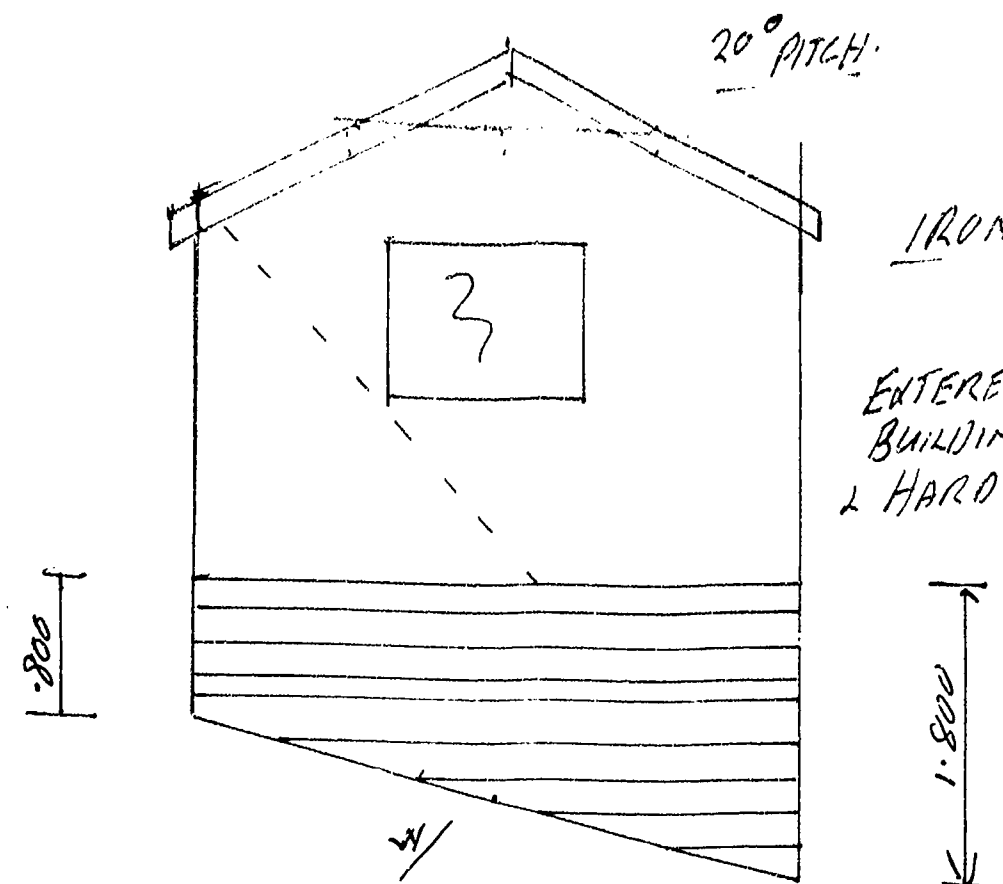
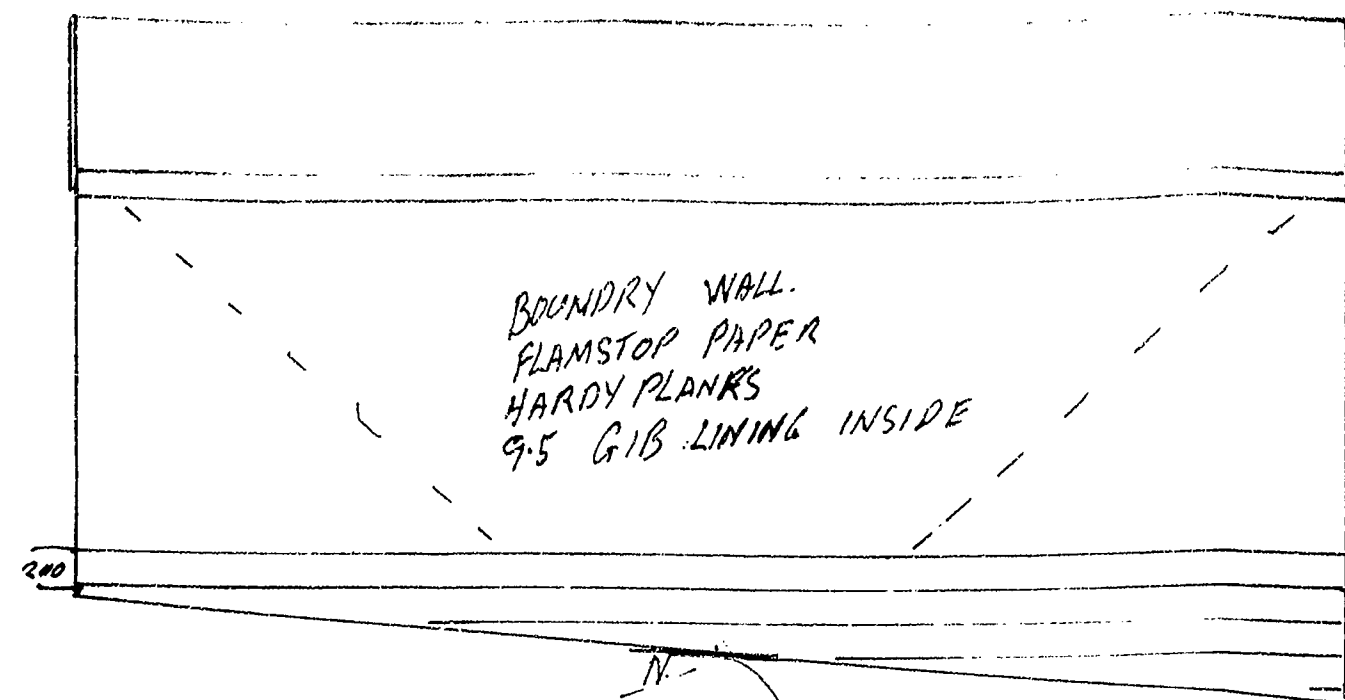
Drawn 1.	DATE 9	Date.	MAY 85	Type.	CLASSIC U
Drawn 2.		Scale.	1/8" = 1'-0"	Plan No.	
Checked.		Area.		Sheet.	1 of 4

ALTERNATIVE  
DEVELOPED

9 67

5 SEP 1987

382/26<sup>B</sup>



BUILDER JIM CAYTON  
5 REGENT PLACE  
PH 513206

PROPOSED GARAGE FOR M.J.A. PORTER & S.C. WARD.  
AT 26 B NEVADA DRIVE NP

DRAWN	CHECKED	SCALE 1/50 1/20	SHEET
TRACK D	DATE		SERIES OF REF

# **PLANS**

## **BC17/121306**

Prepared by: TF

BATHROOM ALTERATION  
FOR  
WILSON RESIDENCE  
26c Nevada Drive, New Plymouth

Job No : 5931  
February 2017

Consent Issue



BC17/121306 13/2/17



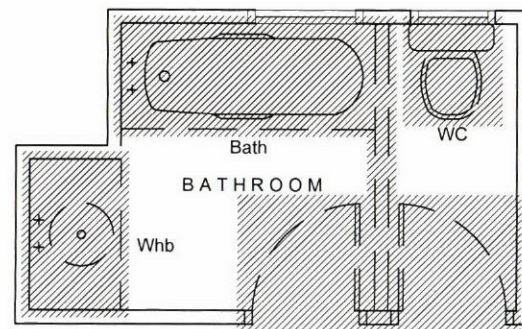
Ph. : (06) 769 5524  
Fax : (06) 769 5525  
Mob : 027 2100 564  
Email : paul@4sitedesign.co.nz  
PO Box 589  
495a Devon Street East  
New Plymouth

**SITE DESIGN**  
Architectural Designers

Drawing Index

- A1-1 - SITE PLAN
- A2-1 - DEMOLITION / PROPOSED FLOOR PLAN
- A3-1 - SKYLIGHT DETAILS
- A3-2 - CONSTRUCTION DETAILS





- Existing doors to be removed

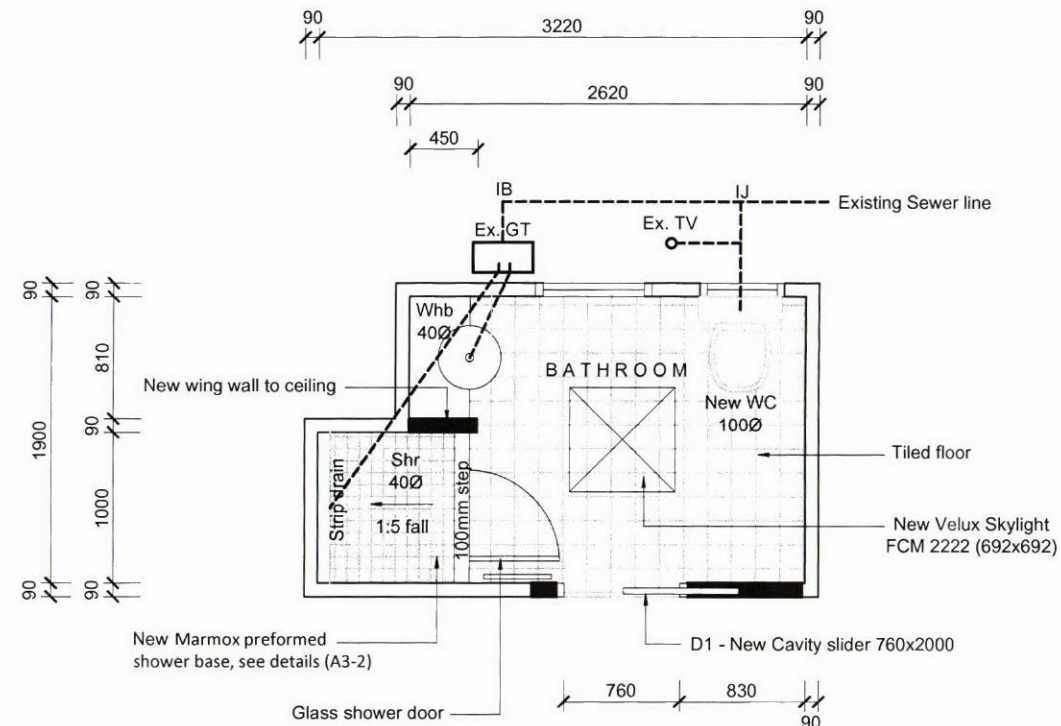
**EXISTING / DEMOLITION PLAN**  
Scale 1:50

**KEY:**

- Existing walls to remain
- To be removed

**NOTE:**

Disconnect services temporarily ready for new bathroom fitout, new fittings to be connected in to the existing gully trap, confirm location on site prior to construction.



**PROPOSED FLOOR PLAN**

Scale 1:50

**KEY**

--- 100 Ø Sewer

**PLUMBING & DRAINAGE KEY**

- IJ Inspection Junction
- WC Toilet Pan
- Whb Wash hand basin
- TV Terminal vent
- Shr Shower
- GT Gully trap
- AAV Air admittance valve

**PLUMBING & DRAINAGE NOTES**

Foul Water Sanitary Plumbing shall comply with NZBC G13/AS1 & G13/AS2

Stormwater drainage shall comply with NZBC E1/AS1

Size all wastes & drains to comply with the above, lay all drains to acceptable falls

Water supply & reticulation shall comply with NZBC G12/AS1

All drains shall be pvc  
All water supply pipes shall be K2 piping

All plumbing and drainage shown as indicative only.  
Plumber to confirm plumbing and drainage layout complying with the New Zealand Building Code

Minimum Pipe Gradients	
40Ø	1:40
100Ø	1:100

**KEY:**

- Timber wall framing
- Whb = Wash hand basin
- WC = Toilet
- Shr = Shower
- Htr = Heated towel rail
- = Battery operated Smoke Alarm to be installed within 3m of all sleeping areas

Shower floor to have Marmox preformed tile over base.

Showers to have Gib Aqualine substrate and to be water proofed with "Superflex" or similar BRANZ approved water proofing system, Refer to "Superflex" Spec. attached.

Line bathroom wet areas with Gib Aqualine,  
-10mm Gib to walls  
-13mm ceilings

**VENTING :**

Mechanically vent shower directly to the outside with a proprietary ventilation ducting system and inline fan run through roof framing space out through wall or soffit

NPDC Approved for  
03 MAR 2017  
Building Consent

A	Building Consent Issue	07.02.17
---	------------------------	----------

REVISION :

JOB TITLE :

**Bathroom Alteration**  
Wilson Residence  
26c Nevada Drive  
New Plymouth



Ph : (06) 769 5524 Fax : (06) 769 5525  
Mob : 027 2100 564  
Email : paul@4sitedesign.co.nz  
PO Box 589 495a Devon Street East  
New Plymouth

SCALE : 1:50

DRAWN : LK

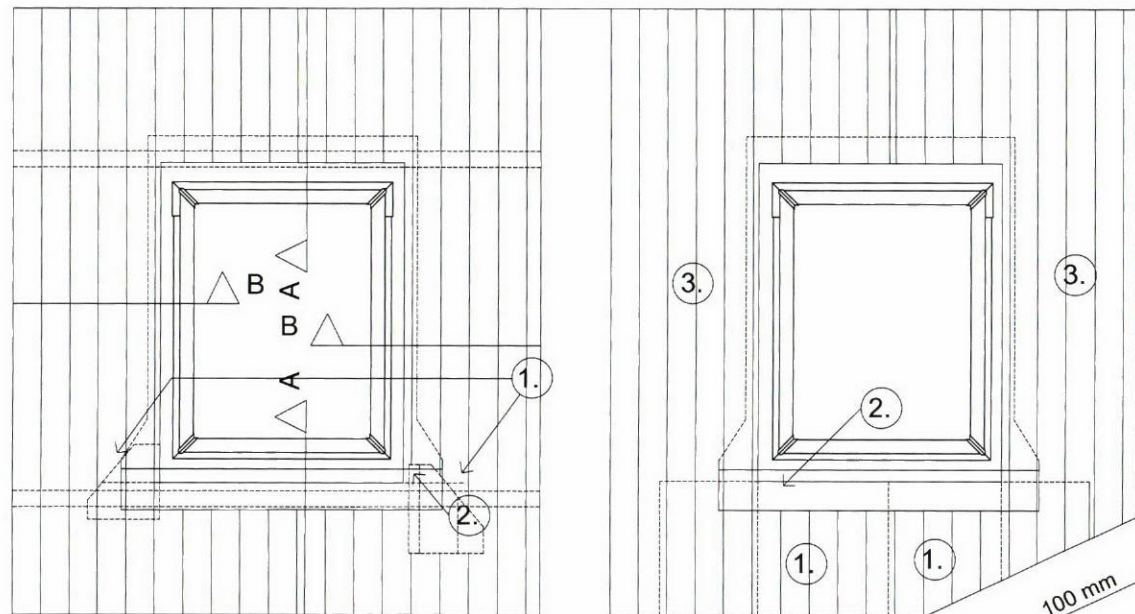
CHECKED : -

DATE : February 2017

JOB No. : 5931 REVISION : A

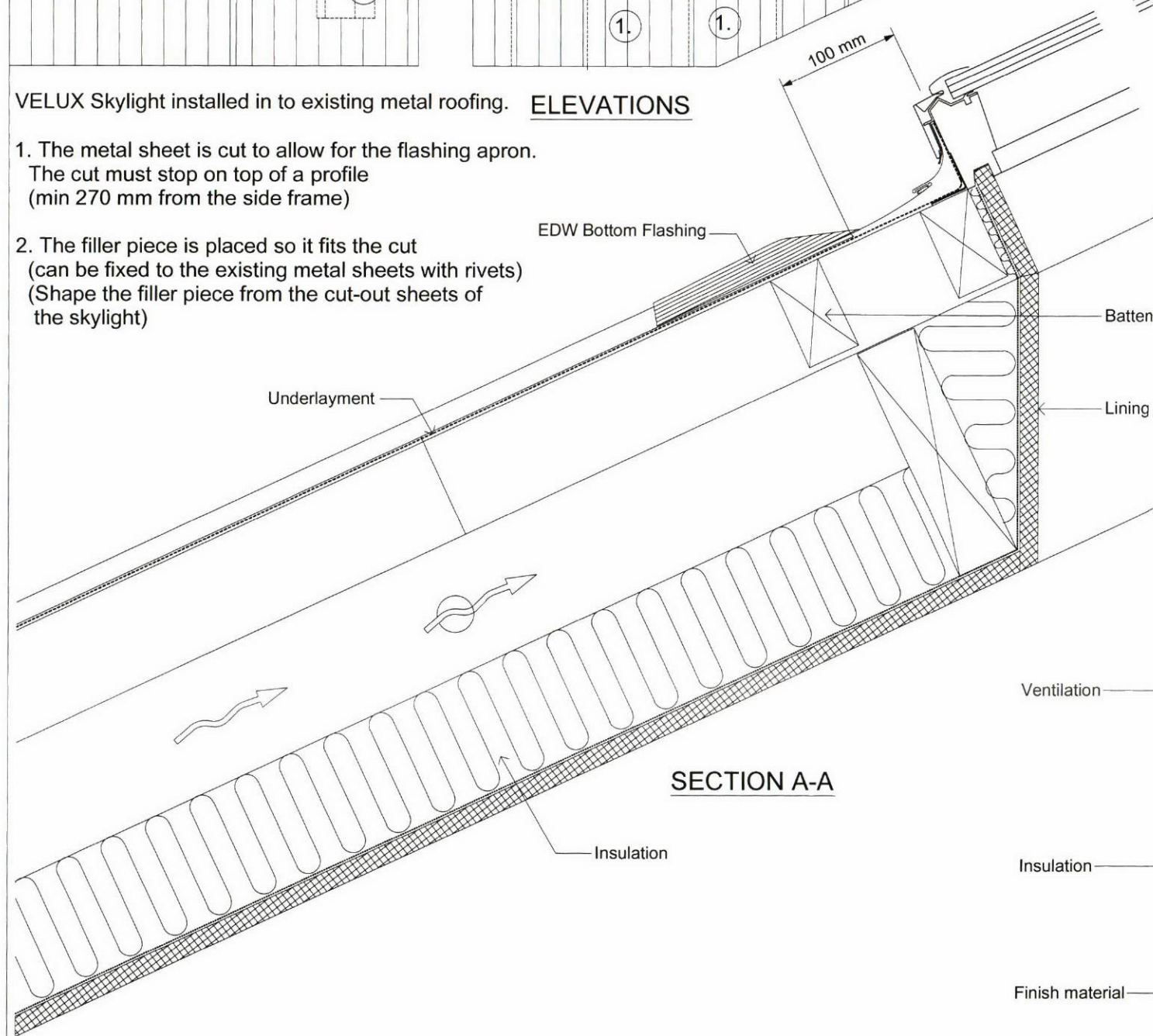
SHEET No. : **A2-1**





# VELUX Skylight installed in to existing metal roofing. **ELEVATIONS**

1. The metal sheet is cut to allow for the flashing apron.  
The cut must stop on top of a profile  
(min 270 mm from the side frame)
2. The filler piece is placed so it fits the cut  
(can be fixed to the existing metal sheets with rivets)  
(Shape the filler piece from the cut-out sheets of  
the skylight)

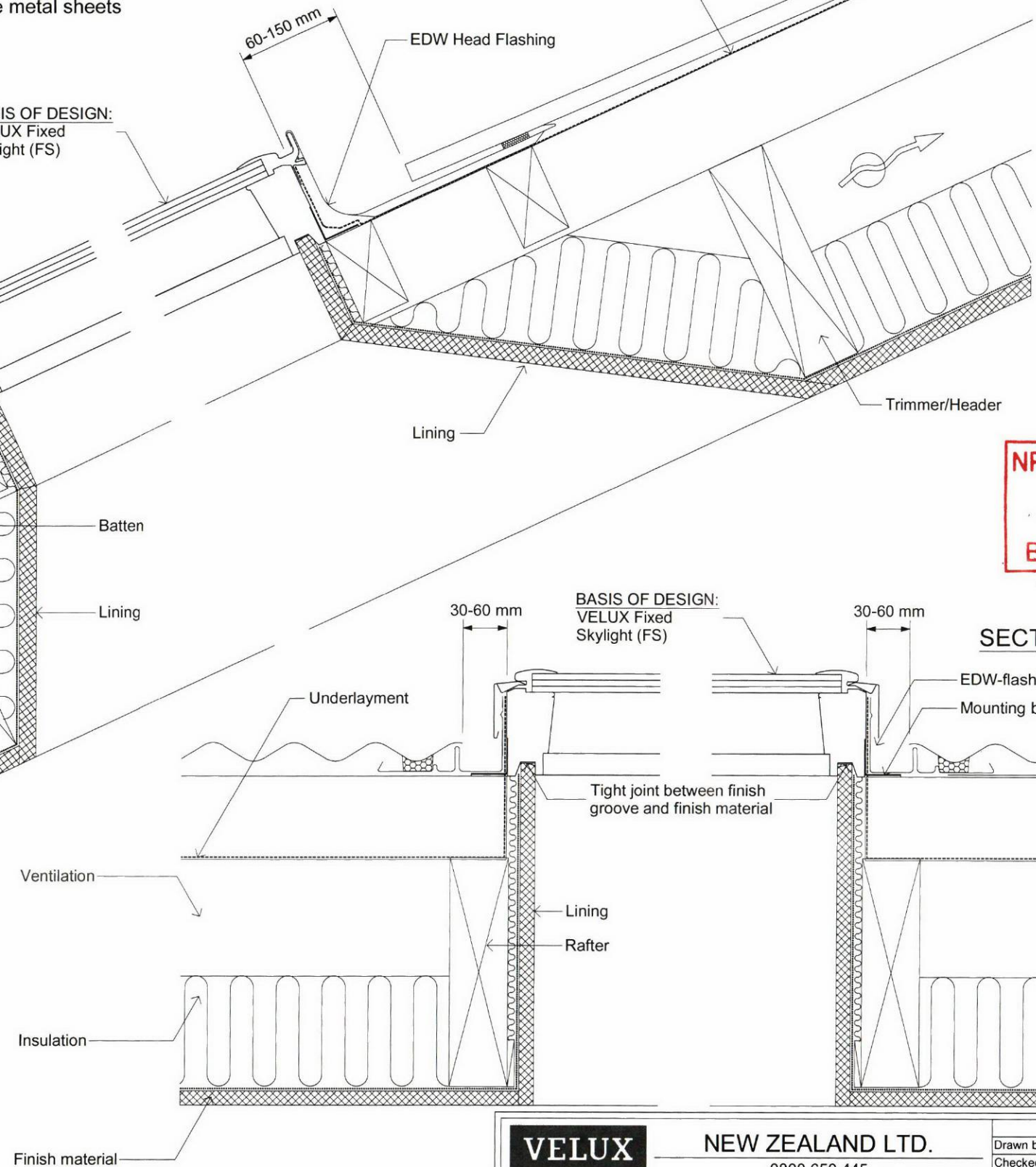


## **SECTION A-A**

VELUX Skylight installed in new metal roofing.

1. The sheets are fitted 100 mm from the  
bottom frame
2. The flashing is mounted
3. Fit the metal sheets

BASIS OF DESIGN:  
VELUX Fixed  
Skylight (FS)



BASIS OF DESIGN:  
VELUX Fixed  
Skylight (FS)

## **SECTION B-B**

NPDC Approved for  
03 MAR 2017  
Building Consent

**VELUX**  
Sky-Product Management

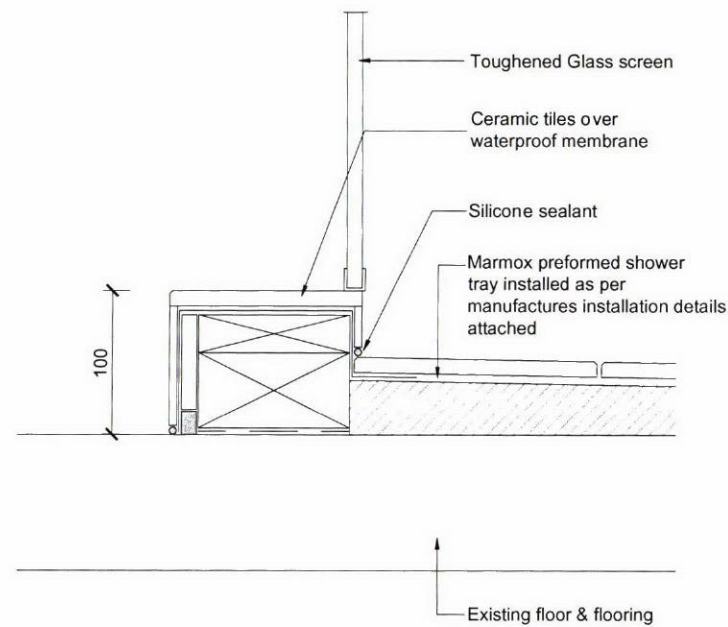
**NEW ZEALAND LTD.**  
0800 650 445

FS - Fixed Skylight and EDW Flashing in Profiled Metal Roof

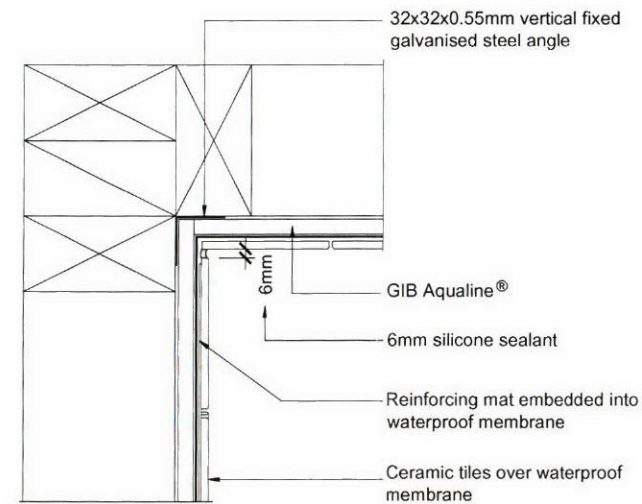
Name	Date
Drawn by	Jan 2015
Checked by	Jan 2015
Drawing No.	

A3-1

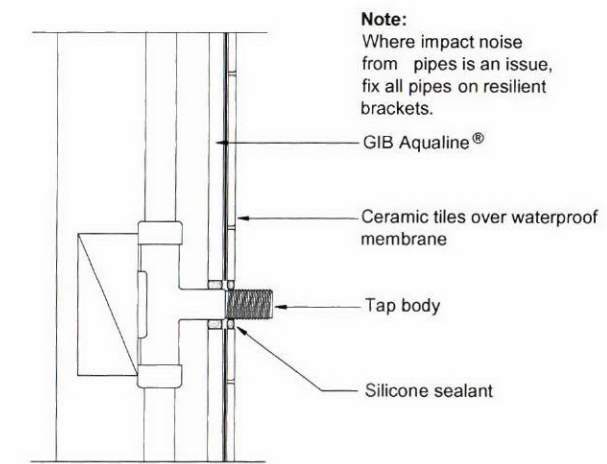




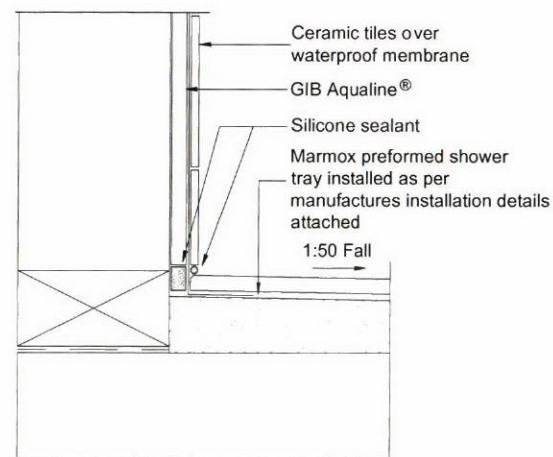
**SHOWER NIB DETAIL**  
Scale 1:5



**TILED CORNER DETAIL**  
Scale 1:5



**PENETRATION DETAIL**  
Scale 1:5



**WALL / FLOOR DETAIL**  
Scale 1:5

**NPDC Approved for**  
**03 MAR 2017**  
**Building Consent**

A	Building Consent Issue	07.02.17
---	------------------------	----------

REVISION :

JOB TITLE :

Bathroom Alteration  
Wilson Residence  
26c Nevada Drive  
New Plymouth



Ph : (06) 769 5524 Mob : 027 2100 564  
Email : paul@4sitedesign.co.nz  
PO Box 589 495A Devon Street East  
New Plymouth

SCALE : 1:5  
DRAWN : L.K.  
CHECKED : -  
DATE : February 2017  
JOB No. : 5931 REVISION : A  
SHEET No. : **A3-2**

# **BUILDING CONSENT**

**110254A**

**PROPERTY ID**

**007925**

 **110254A**



**Code Compliance Certificate**  
**Form 7, Section 95, Building Act 2004**

---

**The Building**

Street Address of building: 26 C Nevada Drive NEW PLYMOUTH 4312  
Legal Description of land where building is located: LOT 1 DP 15452  
Current, lawfully established use: Dwelling  
Year first constructed: Unknown

---

**The Owner**

Name of owner: Rachel Lorraine Wilson	Phone number: (Bus.)	-
Contact Person: Nova Energy Solar Ltd	(Pvt.)	021 117 0133
Mailing Address: 26C Nevada Drive NEW PLYMOUTH	Facsimile number:	-

---

**Building Work**

Building Consent number:	<b>BC10/110254</b>
Description of work:	<b>Installation of solar hot water heating K250 panel to existing 180L cylinder MP</b>
Issued by:	<b>New Plymouth District Council</b>

---

**Code Compliance**

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

---

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

**CODE COMPLIANCE CERTIFICATE**

---

**Team Leader Inspectorate**

**Date Issued: 22 September 2010**

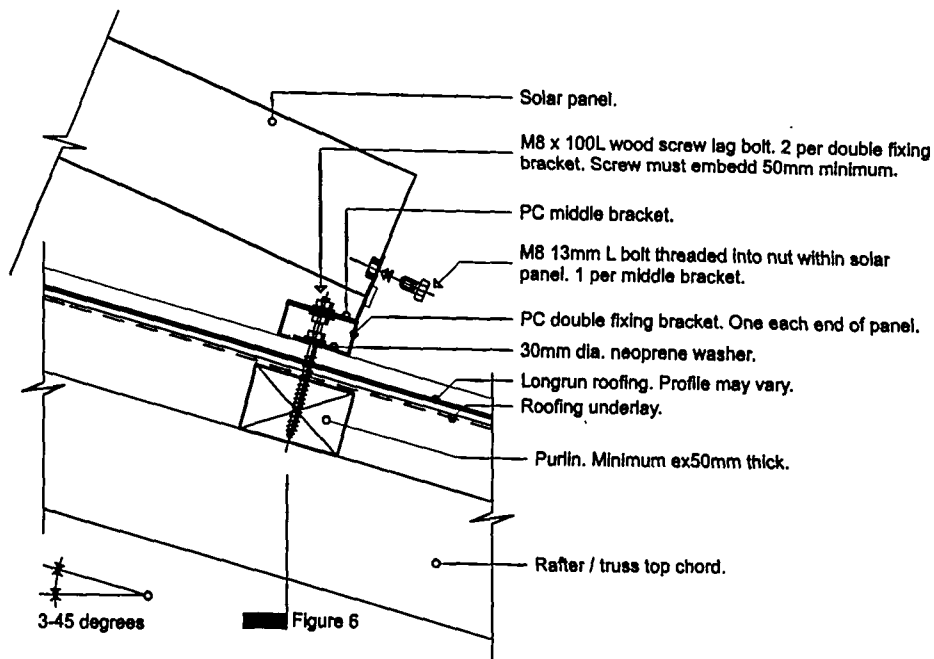


Figure 5

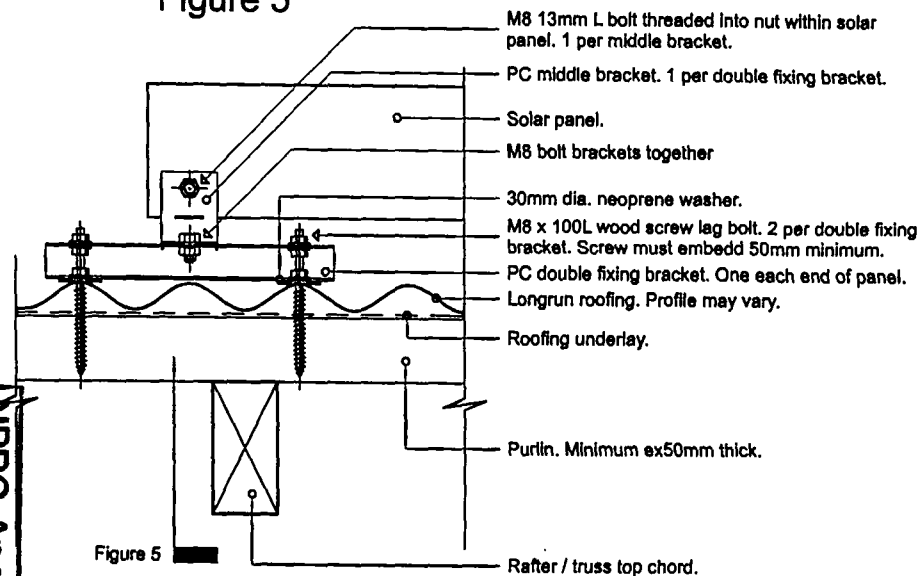
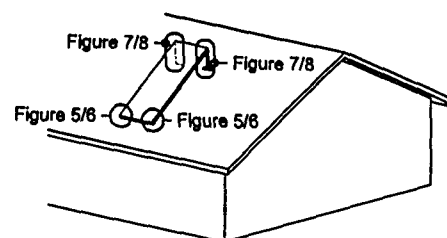
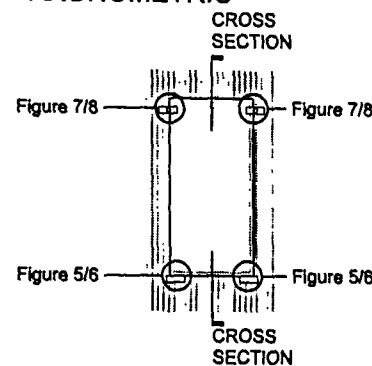


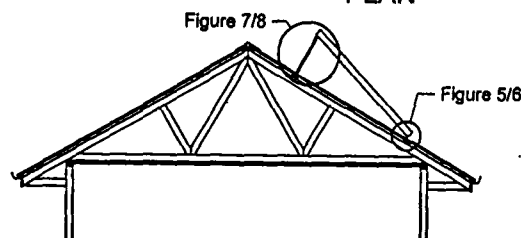
Figure 6



AXONOMETRIC



PLAN



CROSS SECTION

This drawing remains property of Nova Energy Solar Limited.

NOTE: All details and specifications are indicative only and are subject to change without notice. All Nova Energy Solar system are to be installed by approved contractors only.

Systems designed within these documents are applicable up to and including Very High wind zones and up to and including 1KPa snow loading. For greater design loads consult Nova Energy Solar.

Drawing Package:

## Panel Installations Longrun Roofing

Drawing Title:

## Panel Lower Fixing Roof Connection - Panel At Different Pitch To Roof

Drawing Scale(s) @A4: 1:5, 1:100

Date: 21.04.09

Checked: MP

Revision: G - 14.06.10

Drawing Number:

B-03

Nova Energy Solar Limited  
Solar Water Heating  
15b Amber Crescent  
Judea, Tauranga 3140  
P.O.Box 2310, Tauranga  
P 07 578 5281, 0800 668 276, F 07 571 2074  
solar@novaenergy.co.nz

**nova**  
energy

NPDC Approved  
17 AUG 2010

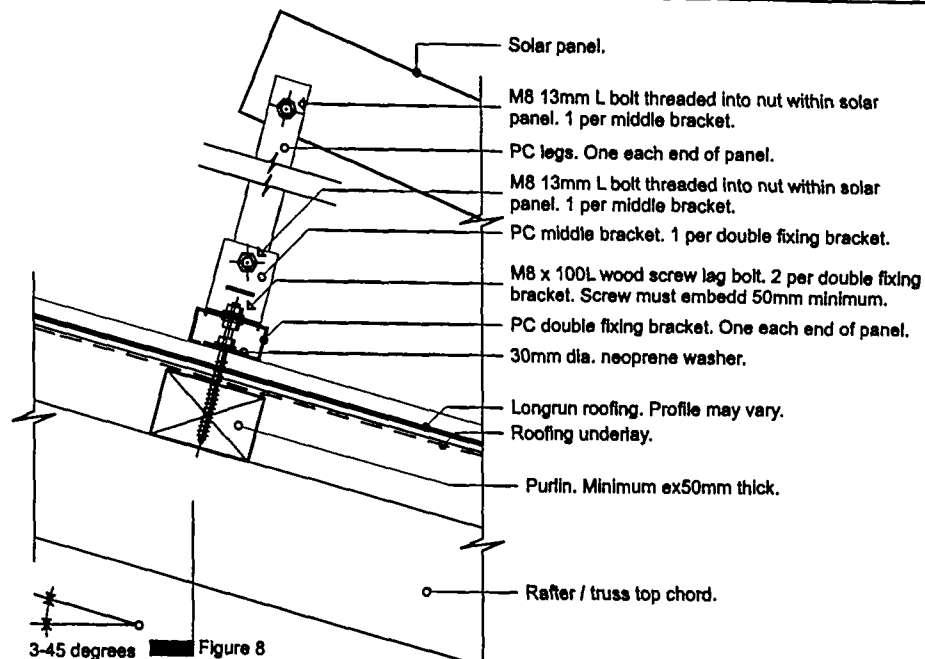


Figure 7

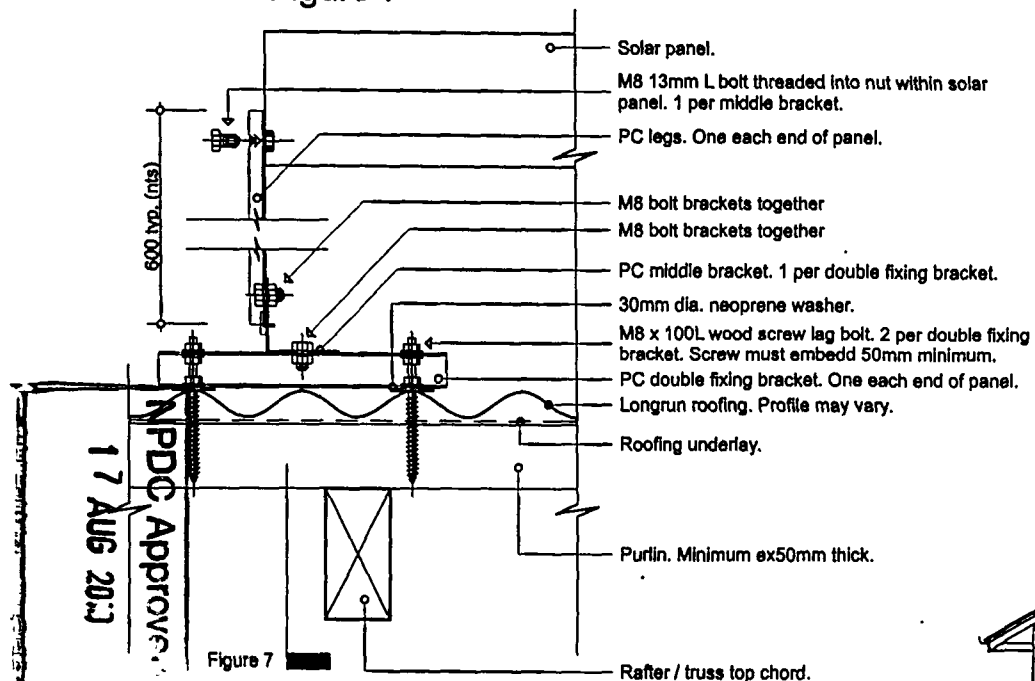
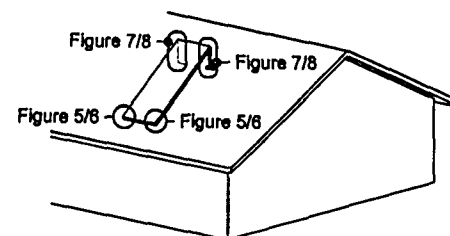
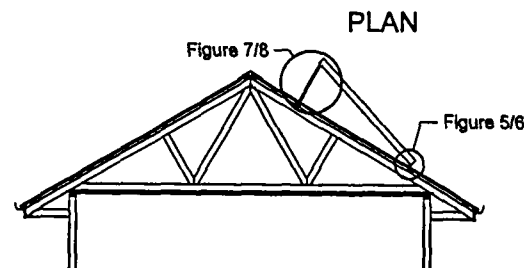
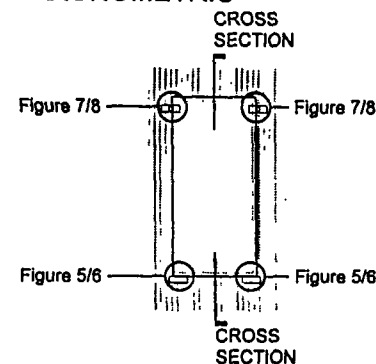


Figure 8



AXONOMETRIC



CROSS SECTION

This drawing remains property of Nova Energy Solar Limited.

NOTE: All details and specifications are indicative only and are subject to change without notice. All Nova Energy Solar system are to be installed by approved contractors only.

Systems designed within these documents are applicable up to and including Very High wind zones and up to and including 1KPa snow loading. For greater design loads consult Nova Energy Solar.

Drawing Package:

Panel Installations  
Longrun Roofing

Drawing Title:

Panel Upper Fixing Roof  
Connection - Panel At  
Different Pitch To Roof

Drawing Scale(s) @A4: 1:100, 1:5

Date: 21.04.09

Checked: MP

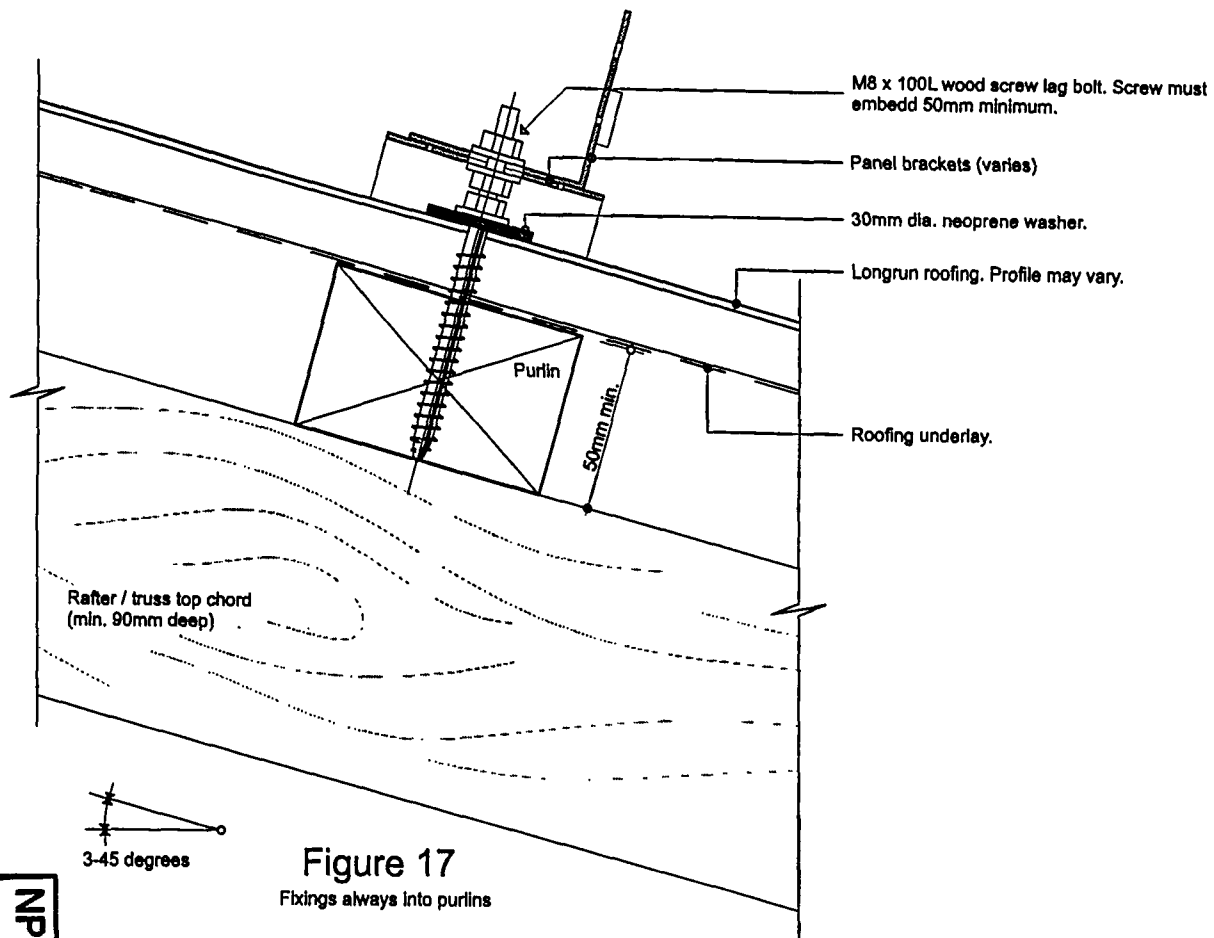
Revision: G - 14.06.10

Drawing Number:

B-04

Nova Energy Solar Limited  
Solar Water Heating  
15b Amber Crescent  
Judea, Tauranga 3140  
P.O.Box 2310, Tauranga  
P 07 578 5281, 0800 668 276, F 07 571  
2074  
solar@novaenergy.co.nz

**nova**  
energy



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Systems designed within these documents are applicable up to and including Very High wind zones and up to and including 1KPa snow loading. For greater design loads consult Nova Energy Solar.

Drawing Package:

## Panel Installations Longrun Roofing

Drawing Title:

## Panel Fixing Detail Into Purlin

Drawing Scale(s) @A4: 1:2

Date: 21.04.09

Checked: MP

Revision: G - 14.06.10

Drawing Number:

B-07

Nova Energy Solar Limited  
Solar Water Heating  
15b Amber Crescent  
Judea, Tauranga 3140  
P.O.Box 2310, Tauranga  
P 07 578 5281, 0800 668 276, F 07 571 2074  
solar@novaenergy.co.nz

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NPDC Approved

17 AUG 2010



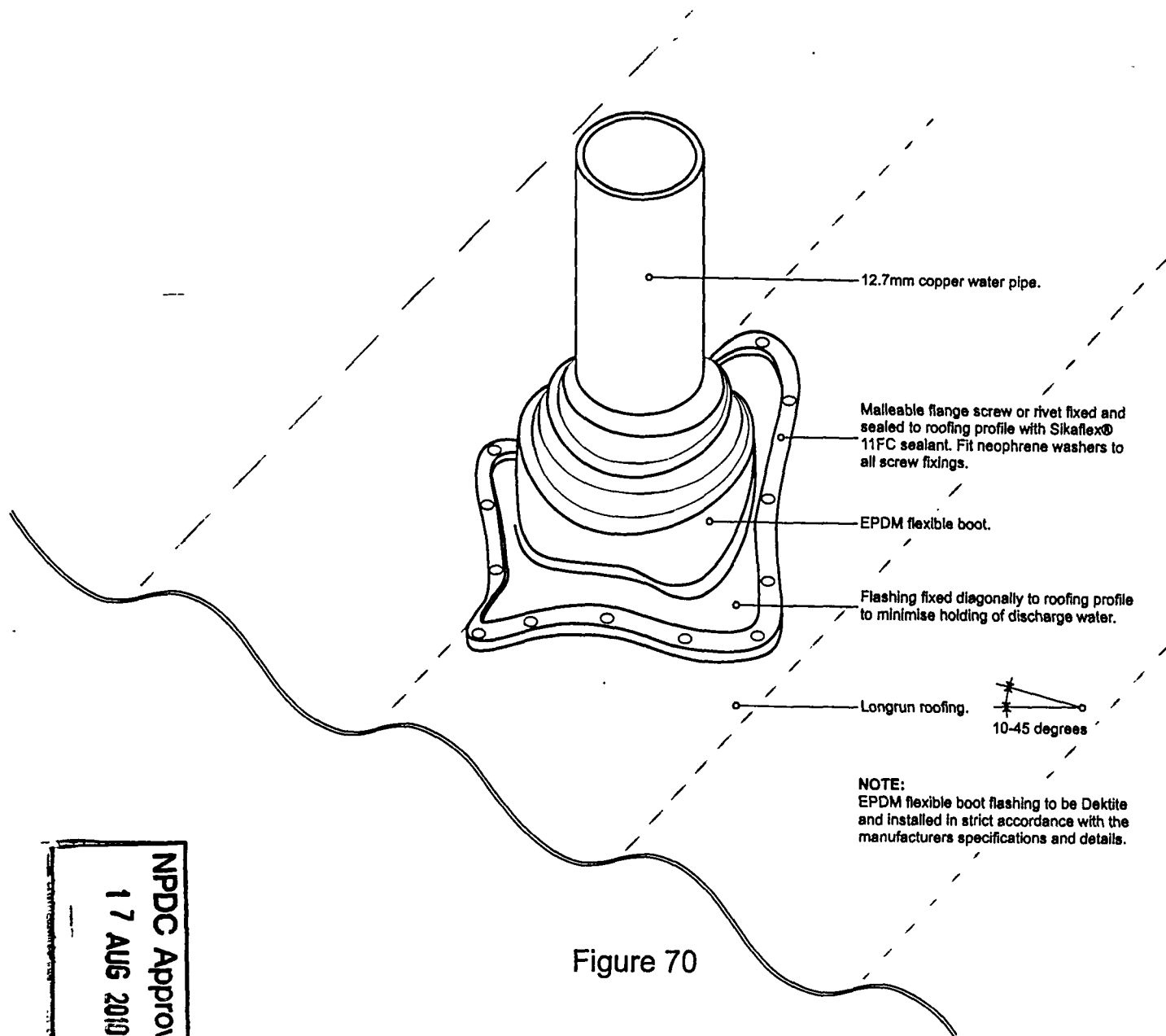


Figure 70

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NOTE: All details and specifications are indicative only and are subject to change without notice. All Nova Energy Solar system are to be installed by approved contractors only.

Systems designed within these documents are applicable up to and including Very High wind zones and up to and including 1KPa snow loading. For greater design loads consult Nova Energy Solar.

Drawing Package:

## Pipe Penetration Details

Drawing Title:

## Pipe Penetration - Longrun Roofing

Drawing Scale(s) @A4: NTS

Date: 21.04.09

Checked: MP

Revision: G - 14.06.10

Drawing Number:

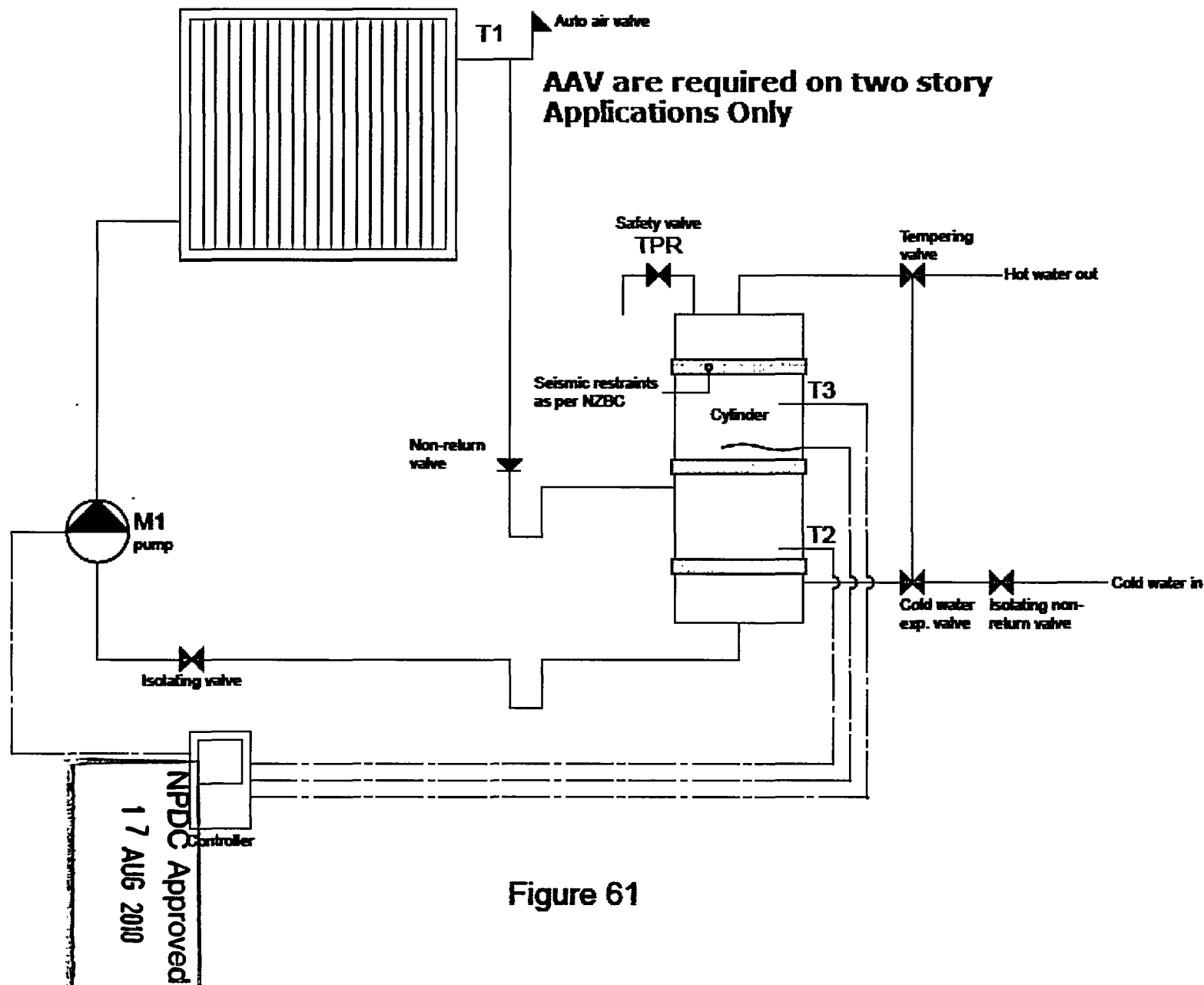
H-01

Nova Energy Solar Limited  
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P 07 578 5281, 0800 668 276, F 07 571 2074  
solar@novaenergy.co.nz

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Systems designed within these documents are applicable up to and including Very High wind zones. For Specific Design wind zones, consult Nova Energy Solar.

Drawing Package:

**Standard Installation Details**

Drawing Title:

**Typical Solar Water Heater Schematic**

Drawing Scale(s) @A4: NTS

Date: 21.04.00

Checked: MP

Revision: B - 25.05.00

Drawing Number:

**F-06**

Nova Energy Solar Limited  
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solar@novaenergy.co.nz

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# VIPAC ENGINEERS & SCIENTISTS

Vipac Engineers & Scientists Limited

A.B.N. 33 005 453 627

The Victorian Technology Centre  
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Telephone +61 3 9647 9700, Facsimile +61 3 9648 4370, [www.vipac.com.au](http://www.vipac.com.au)

Doc: 412812-1  
Ref: 30S-08-0002-SOW-412812-1

27<sup>th</sup> November 2008

Todd Energy  
PO Box 3141  
95 Customhouse Quay Wellington, New Zealand  
Attention: Dudley Maritz

**Todd Energy K-series collector testing to AS/NZS 2712:2007**

Dear Dudley Maritz

I hereby inform you that we have completed all the required testing on your K250L hot water system and K-250L solar collector.

You can certify the collector K-series, L type to AS/NZS 2712:2007.

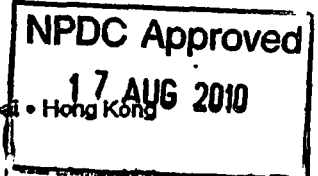
Please contact me if you have any further queries regarding the test results.

Yours sincerely

Kumar Lingam  
[Kumarl@Vipac.com.au](mailto:Kumarl@Vipac.com.au)

Melbourne • Sydney • Adelaide • Perth • Brisbane • Hunter Valley • Tasmania • Singapore • Dubai • Hong Kong

**Commercial In Confidence**



intelligent measurement technology

**SENZTEK**

1/41 Lansford Cres, Avondale,  
Auckland 0600, New Zealand  
PO Box 80093 Green Bay  
Waikare 0643, New Zealand

PHONE +64 9 828 5327  
FAX +64 9 828 4217  
EMAIL [office@senztek.com](mailto:office@senztek.com)

[www.senztek.com](http://www.senztek.com)

To whom it may concern:

Senztek New Zealand limited is the manufacturer of SolaStat products and owns the SolaStat brandname.

SolaStat products are designed and manufactured within an accredited AS/NZ ISO9001:1994 quality control system.

SolarStat Controllers conform to the appropriate requirements of:

EU Directive 89/336/EEC, amended by 92/31/EEC; Article 10, Paragraph 1, relating to Electromagnetic Compatibility, and to the appropriate requirements of Directive 73/23/EEC, Article 2, Paragraph 1, relating to Safety of Electrical Equipment.

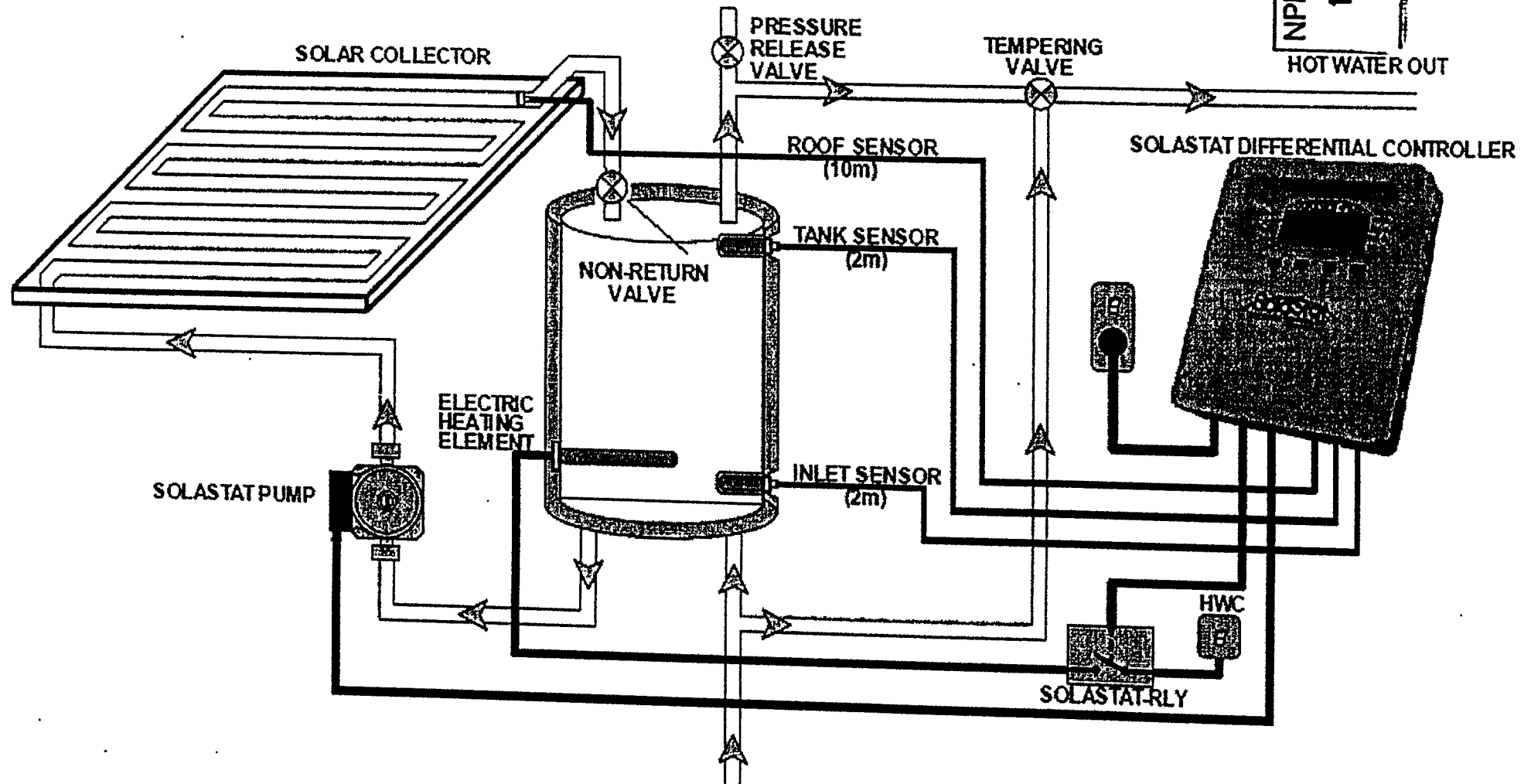
SolarStat Controllers conform to Ctick regulations required under New Zealand law (Section 134(1)(g) Radiocommunications Act 1989 and in accordance with Regulation 101A of the Electricity Regulations 1997) and are labeled with either Z495 or Z985 supplier codes.

All declarations are on file and viewable at our company offices as per the regulations.

Lance Allen  
Technical Manager  
pp Senztek Limited

## Basic SolaStat-Plus-2 Installation.

The SolaStat-2 controlling the Solar Collector circulating pump and the SolaStat-Rly Relay Module.



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Note. This diagram is only to be used as a general guide and not all the required components are shown. Each installation needs to be customised to suit its situation. Always use best plumbing practices, and comply to any regulatory requirements.



## TEMPERING VALVE

### Application

- High and low pressure hot water systems

### Standards

- Complies with NZ Building Code G12 (2001)
- Complies with NZS 4617:1989
- NZ Patent No. 517764, Aust. Patent No. 2003200856
- RSA. Patent No. 2003/1992

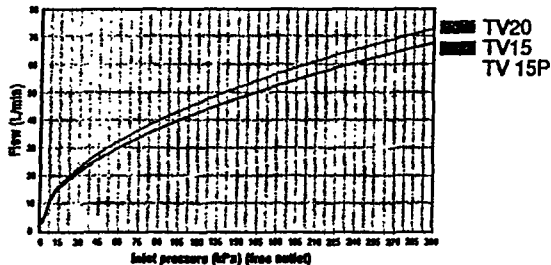
### Specifications

- Length:
 

TV15	110mm
TV20	105mm
TV20D	130mm
TV12	110mm
- Thermostatically controlled safety valve to prevent scalding.
- Factory set to give 55°C outlet. Can be adjusted from 35°C to 60°C.
- Inlet hot water supply 65°C to 99°C.
- Inlet water pressures:
 

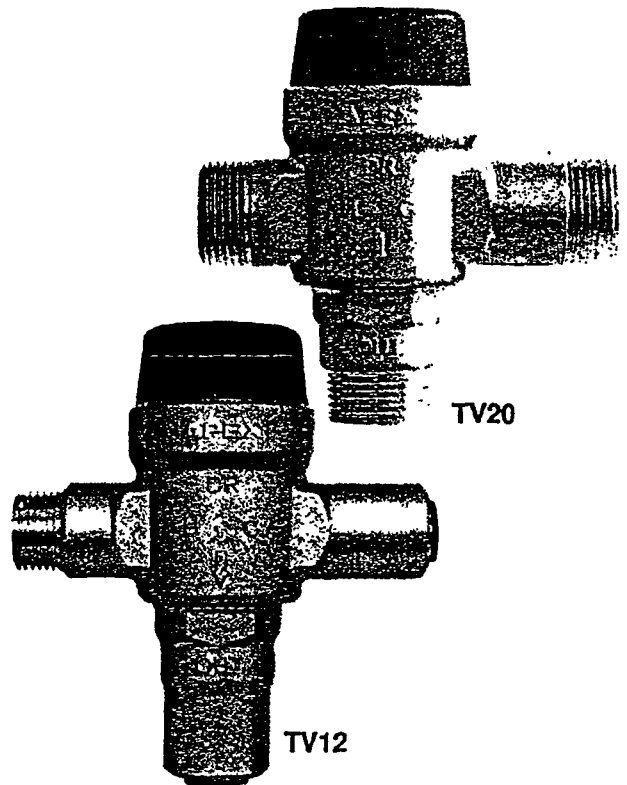
TV15.....	30 to 1000 kPa (3m head)
TV20.....	20 to 1000 kPa (2m head)
- Flow rates:
 

TV15.....	20 L/min at 20 kPa inlet pressure.
TV20.....	20 L/min at 20 kPa inlet pressure.
- Operating Pressure:  
Balanced hot and cold pressure. For unequal water pressure of up to 5:1 (Cold to Hot), non-return must be fitted to hot inlet.
- Extremely high flow rate makes the TV20 suited to low pressure systems.
- TV15P, designed for installation within close proximity to bathroom fixtures.



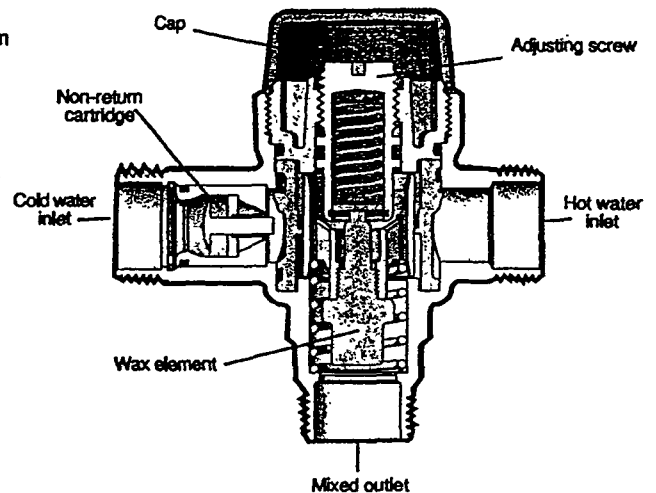
### Installation

- Refer page 19 for installation guide
- Valve must be fitted by a qualified plumber.
- Installation must comply with local authority requirements.
- Valve may be installed in any orientation.
- Flush pipes prior to fitting.
- Valve must be protected by a line strainer.
- Non-return valves are required at hot and cold inlets in Ring Main Installations.
- Connections are H (hot inlet), C (cold inlet) and OUT (mixed temperature outlet).
- Do not apply heat near valve during installation - this may damage the mechanism.
- Do NOT install valve directly into outlet of cylinder.
- Use TV15P at point of use.



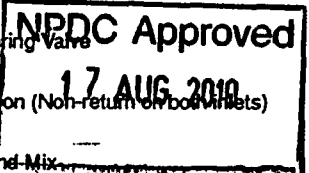
### Temperature Adjustment

Remove cap. Use screwdriver to adjust to desired temperature. To increase, turn anti-clockwise (H). To decrease, turn clockwise (C). Replace cap. Maximum delivered hot water temperature at any sanitary fixture used for personal hygiene shall not exceed 55°C. For childhood centres, schools, old peoples homes and hospitals, outlet must be set to 45°C.

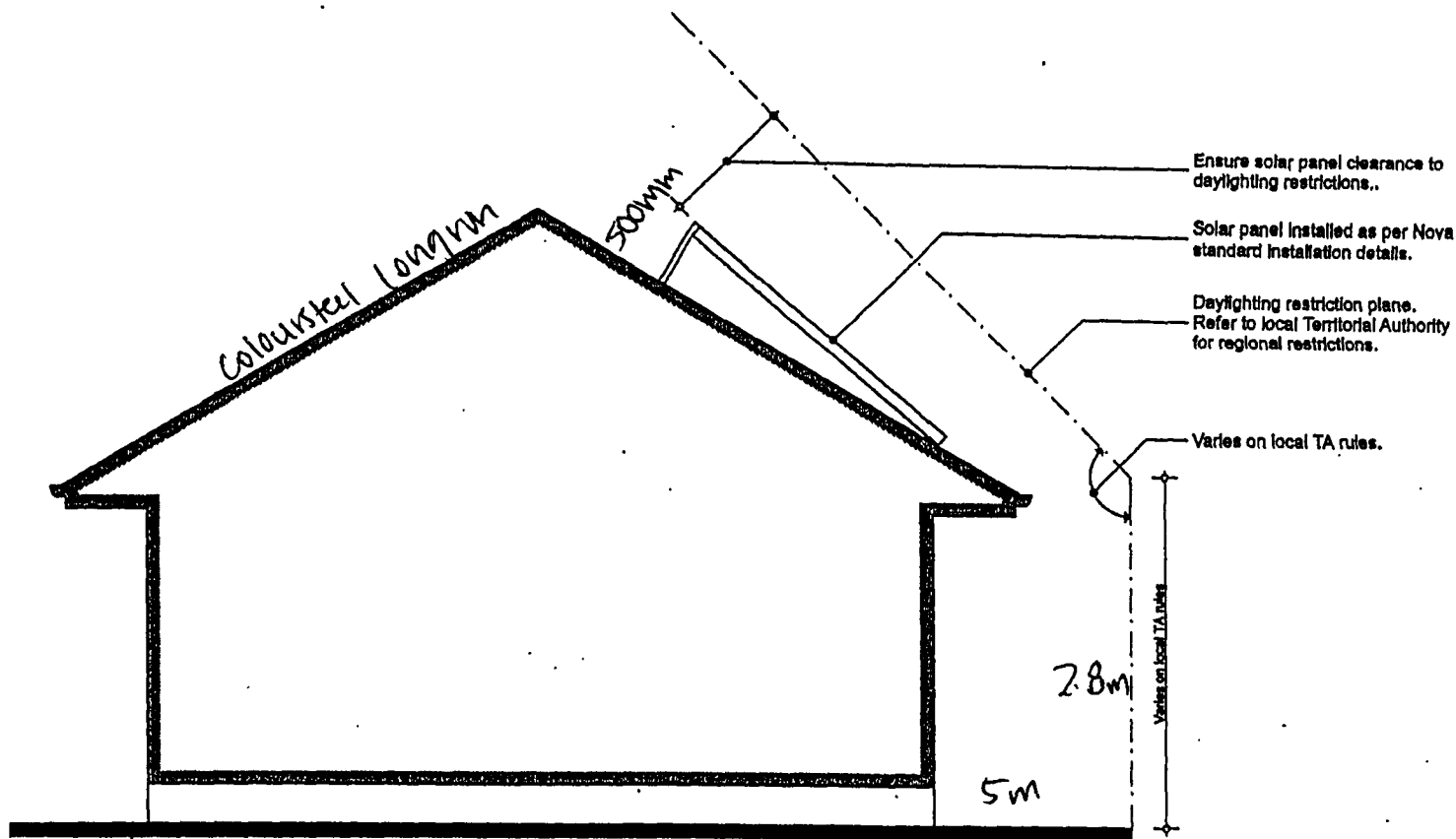


### Product Codes

TV15	15mm
TV15P	15mm Point of use Tempering Valve
TV20	20mm
TV20D	20mm Ring main installation (Non-return on both inlets)
TV12	15mm BSP Hot 12mm John Guest cold and Mix







**Figure 60**

Indicative cross section showing daylighting restrictions that may apply. Each project must be evaluated and checked by the architectural designer.

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 17 AUG 2010

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Systems designed within these documents are applicable up to and including Very High wind zones. For Specific Design wind zones, consult Nova Energy Solar.

Drawing Package:

**Standard Installation Details**

Drawing Title:

**Daylighting Restriction Diagram**

Drawing Scale(s) @A4: 1:50

Date: 21.04.09

Checked: MP

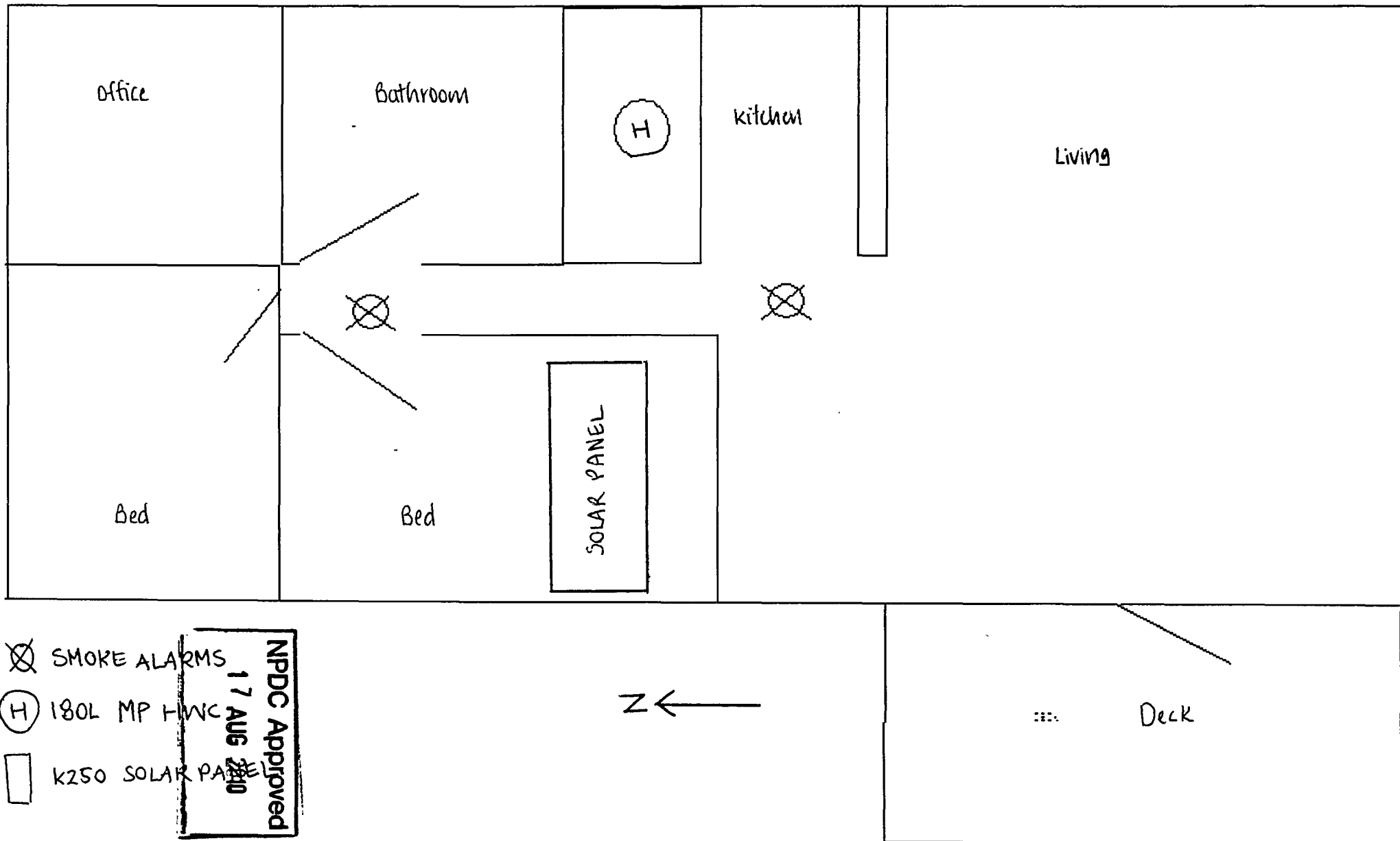
Revision: B - 25.05.09

Drawing Number:

**F-05**

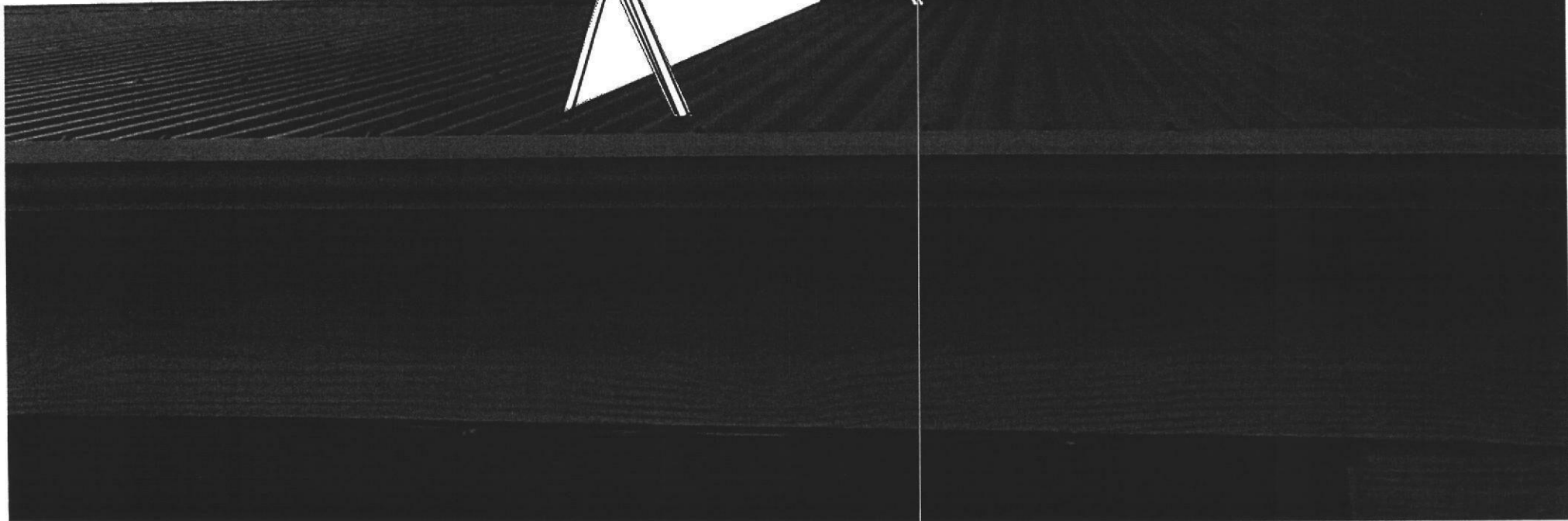
Nova Energy Solar Limited  
 Solar Water Heating  
 15b Amber Crescent  
 Judea, Tauranga 3140  
 P.O.Box 2310, Tauranga  
 07 578 2754, 0800 668 278  
 solar@novaenergy.co.nz

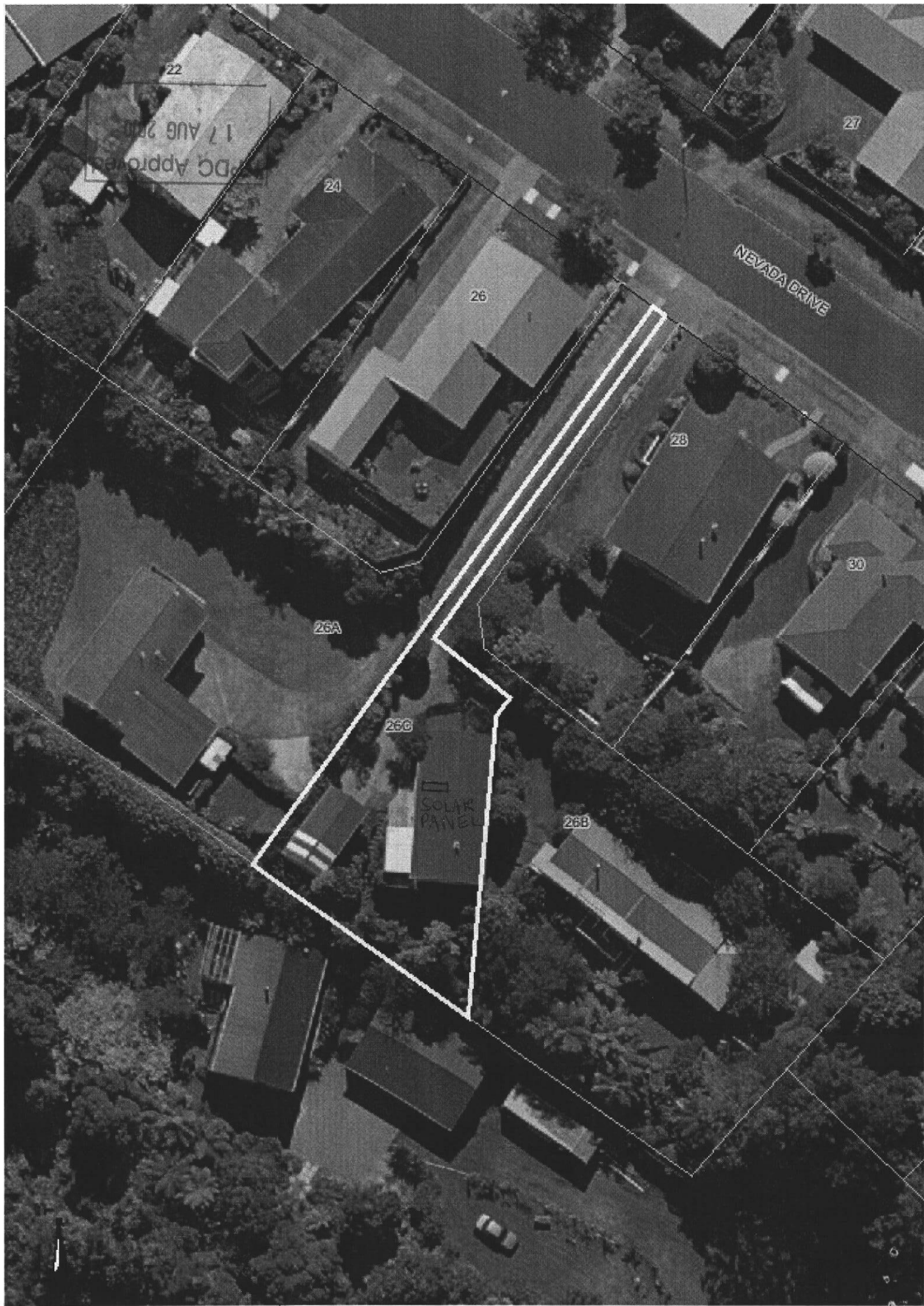
**nova**  
 energy



k250 panel  
on 500mm legs.  
facing north.

NPDC Approved  
17 AUG 2010







**Code Compliance Certificate**  
**Form 7, Section 95, Building Act 2004**

---

**The Building**

Street Address of building: 26 C Nevada Drive NEW PLYMOUTH 4312

Legal Description of land where building is located: LOT 1 DP 15452

Current, lawfully established use: Dwelling

Year first constructed: Unknown

---

**The Owner**

Name of owner: Rachel Lorraine Wilson

Phone number: (Bus.) -

Contact Person: Nova Energy Solar Ltd

(Pvt.) 021 117 0133

Mailing Address: 26C Nevada Drive  
NEW PLYMOUTH

Facsimile number: -

---

**Building Work**

Building Consent number:

**BC10/110254**

Description of work:

**Installation of solar hot water heating K250  
panel to existing 180L cylinder MP**

Issued by:

New Plymouth District Council

---

**Code Compliance**

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

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

---

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

**CODE COMPLIANCE CERTIFICATE**

---

**Team Leader Inspectorate**

**Date Issued: 22 September 2010**



Te Kaunihera-ā-Rohe o Ngāmotu

NEW PLYMOUTH DISTRICT COUNCIL

newplymouthnz.com

## Code Compliance Certificate

Form 7, Section 95, Building Act 2004

---

### The Building

Street Address of building: 26 C Nevada Drive NEW PLYMOUTH 4312

Legal Description of land where building is located: LOT 1 DP 15452

Current, lawfully established use: Dwelling

Year first constructed: 2017

---

### The Owner

Name of owner: Rachel Lorraine Wilson

Applicant: 4 Site Design

Phone number: (Pvt.) 021 117 0133

Email address: winkhug@hotmail.com

Mail Address: Rachel Wilson

26C Nevada Drive

NEW PLYMOUTH 4312

---

### Building Work

Building Consent number:

**BC17/121306**

Description of work:

**Bathroom**

Issued by:

New Plymouth District Council

---

### Code Compliance

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

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

---

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

### CODE COMPLIANCE CERTIFICATE

---

**Building Administration Officer**

**On behalf of: New Plymouth District Council**

**Date Issued: 26 June 2017**





Te Kaunihera-ā-Rohe o Ngāmotu

NEW PLYMOUTH DISTRICT COUNCIL

[newplymouthnz.com](http://newplymouthnz.com)

