

Selwyn District Council

Inspector: M _____ File No. _____

Receipt No. **27007**

Date Permit Issued **2 / 5 / 90**

OWNER

Name *M. Mark Thompson*

Mailing Address *No 2 RD
Leeston*

BUILDER

Name *James George (1988)*

Mailing Address *Box 7225
Sydenham*

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. _____

Street Name *Taimuna Road*

Town/District *Southbridge*

Riding _____

LEGAL DESCRIPTION

Valuation Roll No. *2417/22/6*

Lot *6* D.P. *244/4041*

Section _____ Block _____

Survey District _____

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

Double Garage

FLOOR AREA Whole Sq. Metres *187*

DWELLING UNITS Number Erected *1*

ESTIMATED VALUES

Building	<i>6900.00</i>
Plumbing	
Drainage	
G.S.T.	
TOTAL	<i>6900.00</i>

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

FEES APPLICABLE

Building Permit	\$ <i>80.00</i>	Water Connection	\$ _____	Receipt No. <i>27007</i>
Street Damage Deposit	\$ _____		\$ _____	Date of Payment <i>10 / 4 / 90</i>
Building Research Levy	\$ _____		\$ _____	Authorised Officer <i>Jim Seo.</i>
Plumbing	\$ _____		\$ _____	
Drainage	\$ _____		\$ _____	
Sewer Connection	\$ _____		\$ _____	
Vehicle Crossing Levy	\$ _____	G.S.T.	\$ <i>10.00</i>	
M.S. Plumbing	\$ _____	TOTAL:	\$ <i>700.00</i>	

Special Conditions: _____

Date Inspected	REMARKS (e.g. stage reached with work)

Date Inspected

[illegible]

COMPLETED (Signature) _____ Date ____/____/____



Selwyn

DISTRICT COUNCIL

CENTRES:

P.O. BOX 16432, HORNBY
PH: (03) 495-745 FAX (03) 495-746LEESTON
P.O. BOX 2, LEESTON
PH: (03) 243-859 FAX (03) 243-531DARFIELD
P.O. BOX 1, DARFIELD
PH: (0516) 88-416 FAX (0516) 88-542

BUILDING PERMIT APPLICATION

To: The Engineer,

I/We hereby apply for a building permit for the work described below and in accordance with the PLANS AND SPECIFICATIONS HERewith IN TRIPLICATE.

Description of Work:

Erect a double garage.

Proposed use

Storage of motor vehicles.

The following details are attached (please confirm checklist and tick appropriate box).

☐ Site Plan ☐ Elevations ☐ Floor Plan ☐ Cross Section ☐ Specifications
PERMIT POSTED TO Owner ☐ Builder ☐ Applicant ☐

Owner

Name MRS MRS KJ & MS NORDSTROM

Mailing

Address NO 3 RD Leeston.

Phone No.

242 642.

Builder

Name Versatile Garages (1988) Ltd

Mailing

Address Box 7235

Phone No.

Sydenham.
662-672

Property on which work will be done

Street/Road

Town/District

Lot 6 Tqumutu Road.
Southbridge.

Designer/Principal Consultant

Name

as above.

Address

Phone No.

PROPERTY SIZE

DWELLING UNITS PROPOSED

Ground Floor Existingm²Proposed 133.4m²Other Floors Existingm²Proposedm²

Accessory Building area

Existingm²Proposed 54m²

Total Area of all Buildings

Existing and Proposed 187.4m²

LEGAL DESCRIPTION

Valuation Roll Number 247/32/6.Lot 6

DP

PTRS 3344/4041

Section _____ Block _____

Survey District _____

Certificate of Title No. _____

ESTIMATED VALUES (INCLUDING GST)

Building:

(Not including drainage
and Plumbing) \$..... 6900-00Drainage and Plumbing:
(Sanitary work) \$.....TOTAL \$..... 6900-00

Signature of Applicant:

Name of Applicant:

Mailing Address:

Phone No.

Pastor Olona for Versatile
Box 7235 Sydenham.
662-672

FEEES APPLICABLE (INCLUDES GST)

Building Permit \$ 90.00

Building Research Levy \$

Drainage and Plumbing \$

Water Connection \$

Channel Crossing Fee \$

Footpath Maintenance Bond \$

TOTAL \$ 90-00

GST content \$

Receipt No. 27007 Date: 10/4/90PERMIT NO. H040003 Date: 2.5.90.

SCHEDULE OF BUILDING PERMIT FEES AND NOTES
(effective from 1 January 1990)

Estimated value of work (excluding any amount on which plumbing and drainage fees are payable).

All fees include GST.

<u>Not Exceeding</u>	<u>Fee</u>	<u>GST content</u>
<u>\$</u>	<u>\$</u>	<u>\$</u>
3,000	50	5.56
4,000	60	6.67
5,000	70	7.78
6,000	80	8.89
7,000	90	10.00
8,000	100	11.11
9,000	110	12.22
10,000	120	13.33
15,000	160	17.78
Research Levy		
20,000	200	22.22
30,000	250	27.78
40,000	300	33.33
50,000	375	41.67
60,000	450	50.00
70,000	490	54.44
80,000	530	58.89
90,000	570	63.33
100,000	600	66.67

BUILDING RESEARCH LEVY

Every building valued at 20,000 or more incurs a liability for the levy payment of \$1.15 in each \$1,000 (or part thereof) of the whole value e.g. a building valued at \$20,300 incurs a levy of \$24.15 including GST.

Values in excess of \$100,000 and not exceeding \$500,000 an additional fee of \$3.50 (incl. GST) is payable per \$1,000 or part thereof.

Values in excess of \$500,000 an additional fee of 60¢ (incl. GST) is payable per \$1,000 or part thereof.

For buildings which are required to have specific design an additional assessment fee of 20% of the value of the building permit is to be paid at the time of submitting the application.

APPLYING FOR A PERMIT

Floor Areas

The area of each floor in buildings of more than single storey must be entered. For site coverage only the area of the ground floor is computed. In accessory buildings the floor area is for computing permissible floor area.

Proposed Use

The proposed use of every building or part of a building must be clearly indicated: e.g. private car garage, private storage shed, ownership flats, leasehold shop etc.

Stormwater Disposal

An approved method of stormwater disposal must be provided to all buildings and must be fixed before occupation of the building.

Drainage and Plumbing

Where drainage and plumbing work is incorporated with any building work the permits must be uplifted at the same time.

Building Permit Requirements:

Applications will not be processed unless 3 copies of all plans (floor plans, elevations, cross sectional plans, site plans) full specifications, and complete land details are submitted with each application together with the necessary permit fees.

Other services for which fees may be charged are:

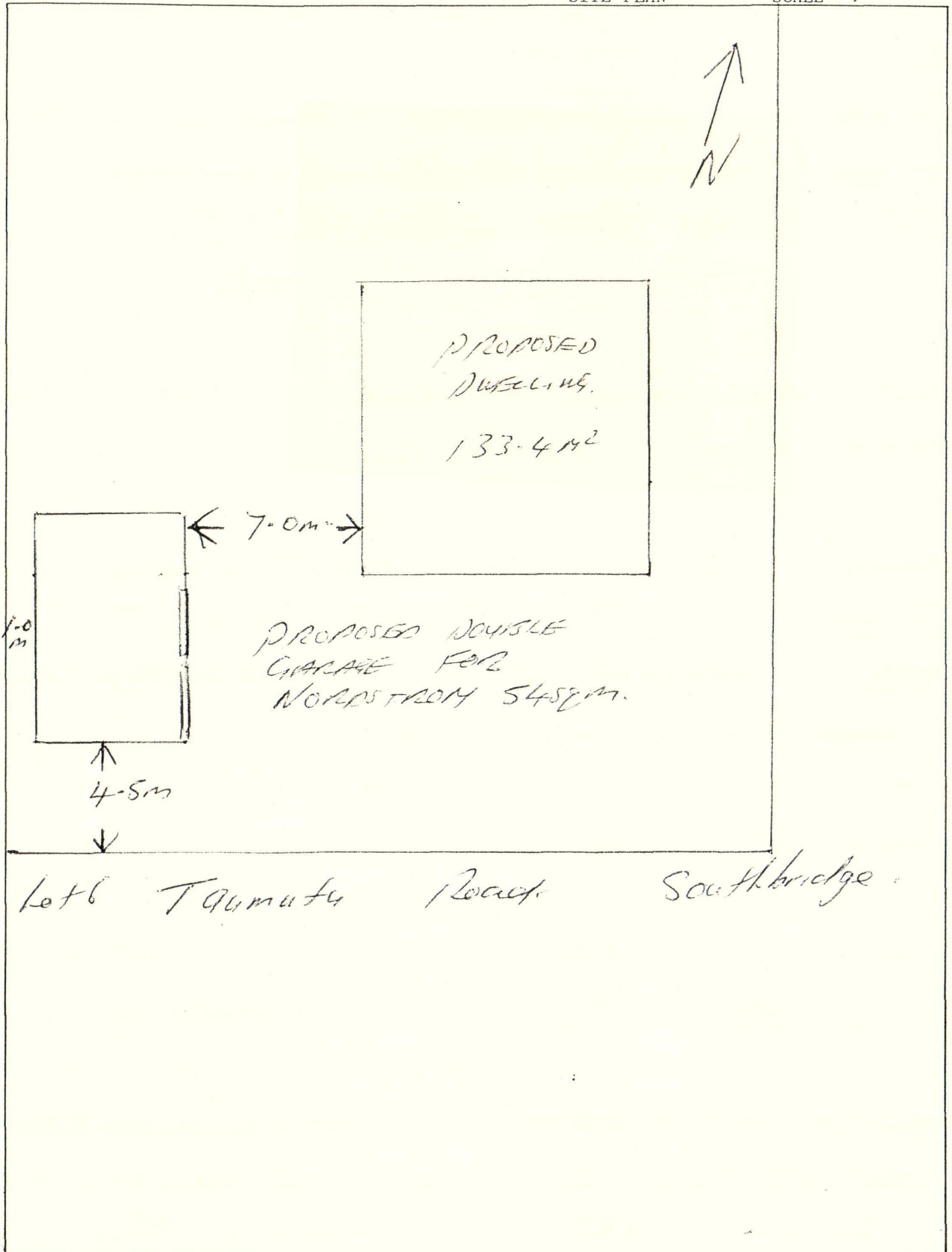
Inspections, planning and siting dispensations, sewer and water connections, vehicle crossings, street drainage, valuation roll search etc.



231 Brougham Street, Christchurch
P.O. Box 7235. Telephone 662-672
Fax: (03) 651-791.

SCALE

1 = 200



DATE: _____ TIME: _____

TO: _____

MESSAGE: _____

Payment for Permit

Fee for Nordstrom -

Taumata Road - Leeson.

Permit Application sent

4.4.90. \$90.00 cheque

enclosed.

Many Thanks

D. L. L. L. L.

(Versatile Garages (1988) Limited)



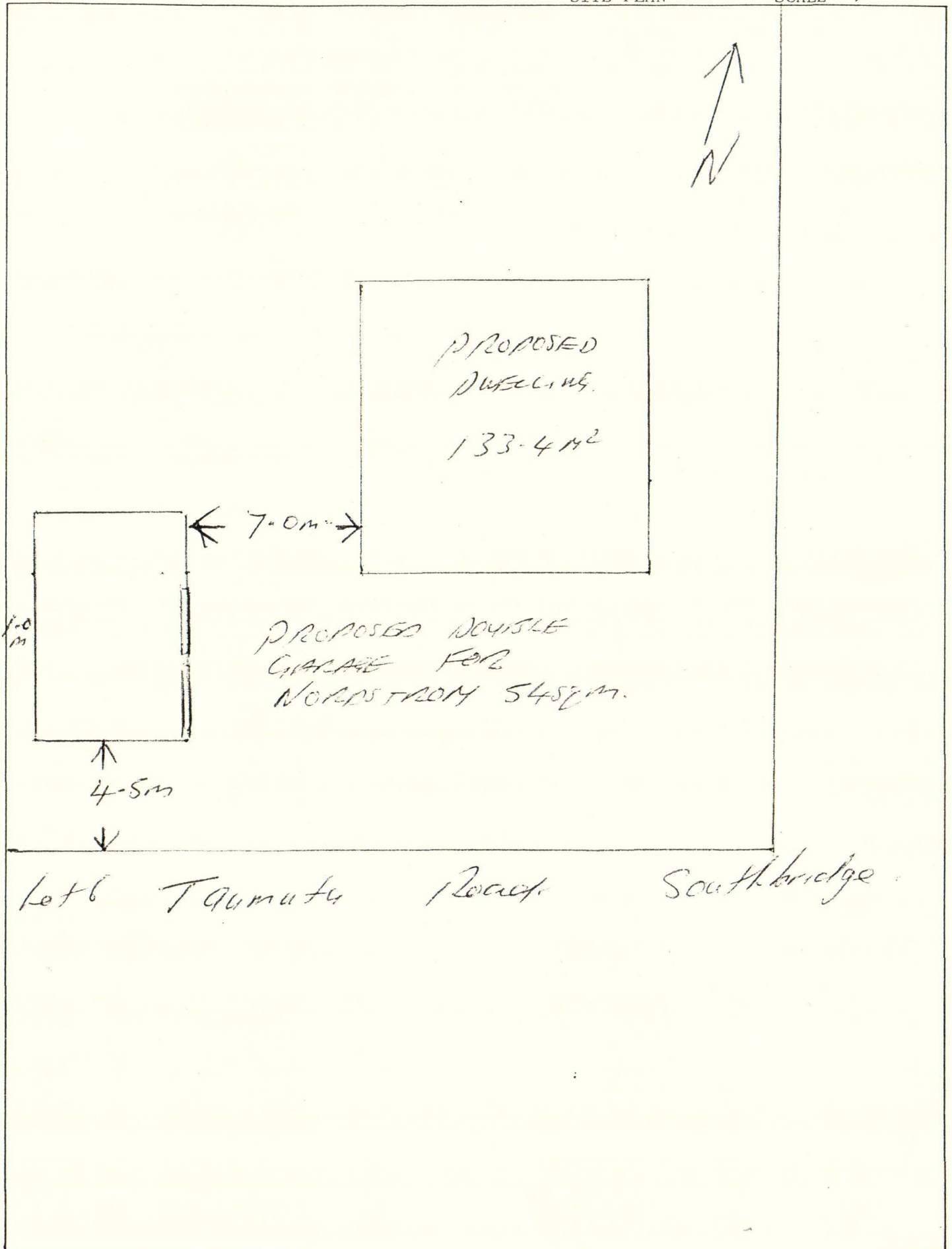
Versatile Garages (1988) Ltd.

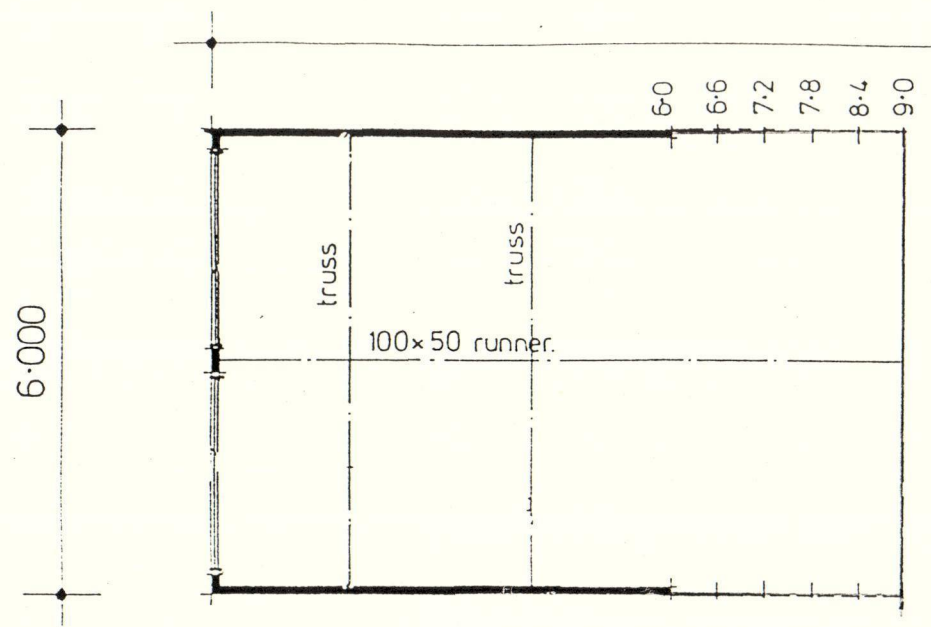
231 Brougham Street, Christchurch
P.O. Box 7235. Telephone 662-672
Fax: (03) 651-791.

SITE PLAN

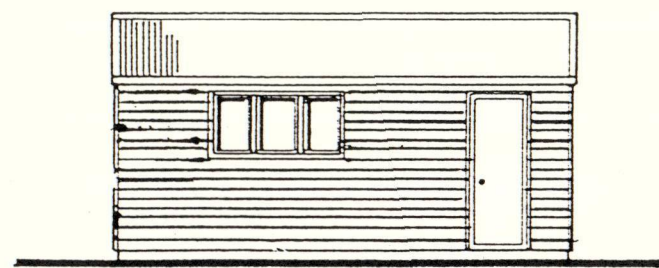
SCALE

1:200

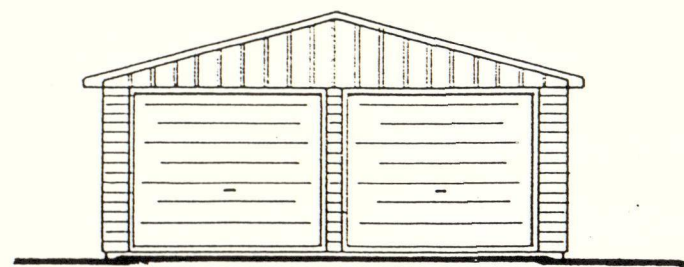




plan. 1:100



side. 1:100

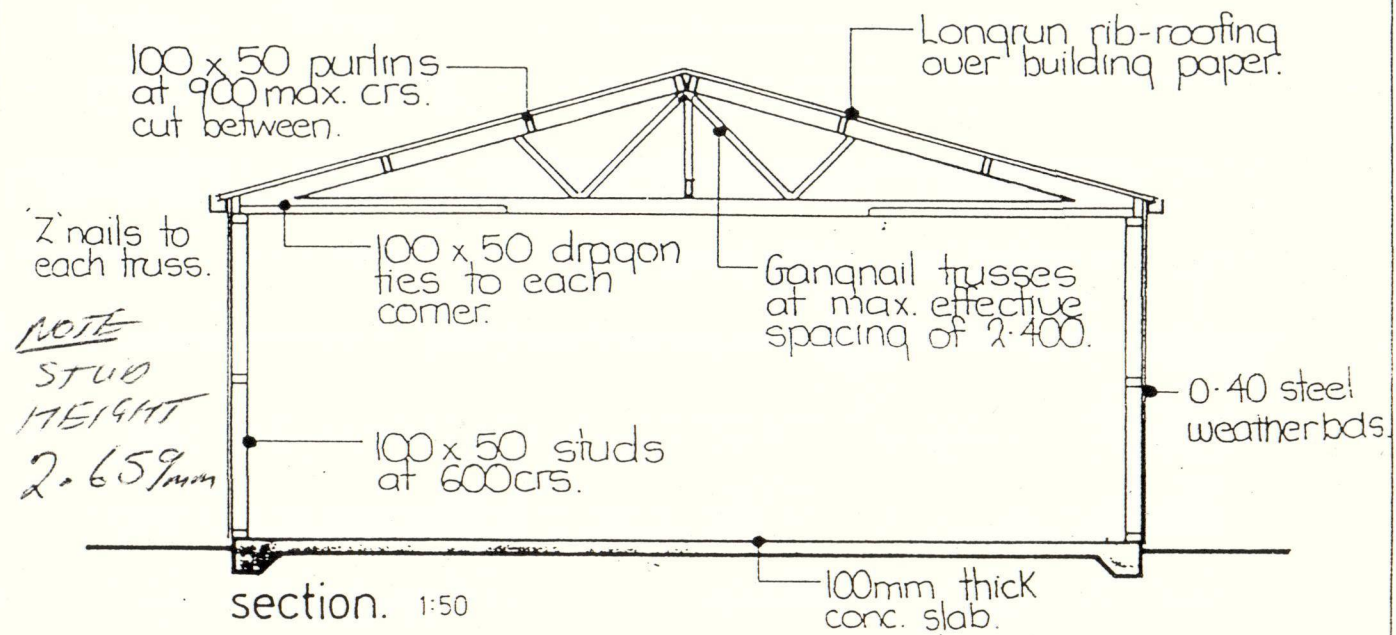


front. 1:100

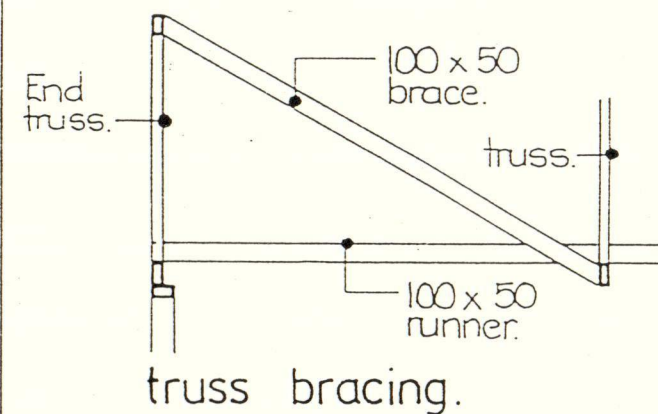
NOTE SIDE ENTRY

construction : budget.

Trusses designed by Gangnail (CH3083).

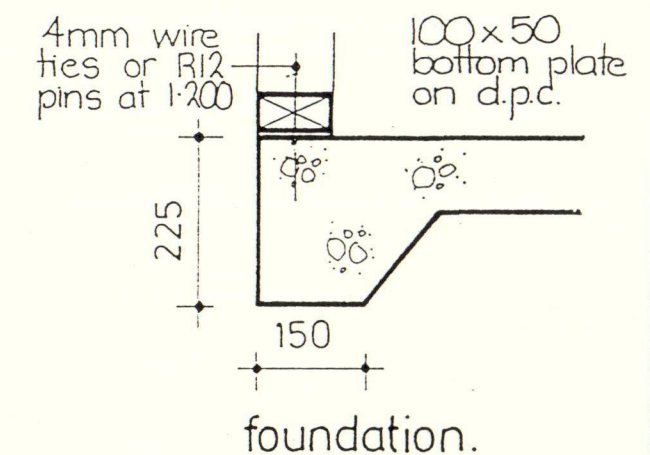


NOTE
STUD HEIGHT
2.659mm

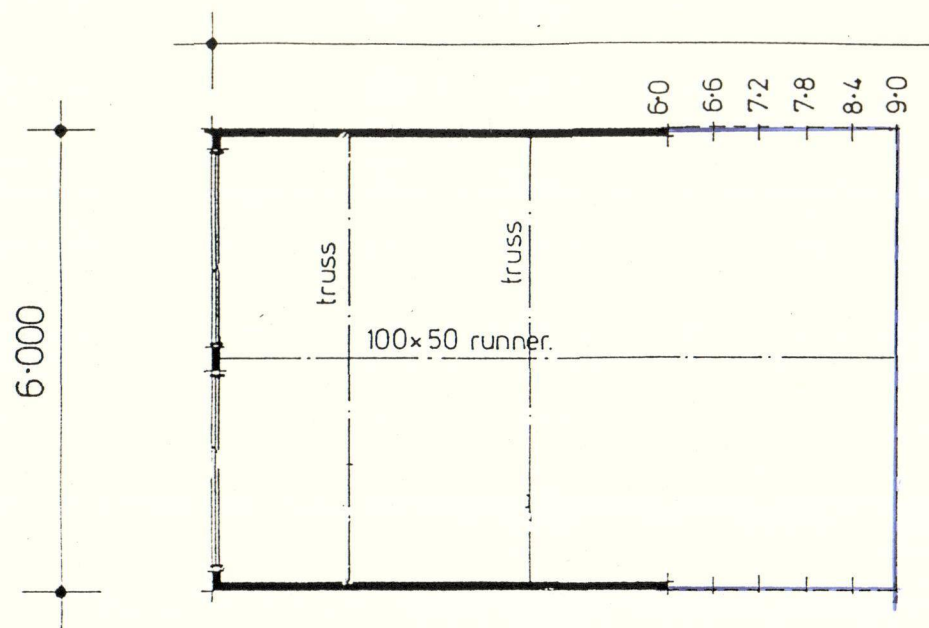


specification.

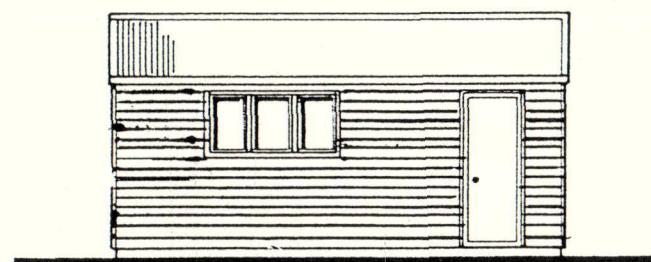
Foundations:
Concrete floor 17.5 MPa, 100mm thick. Footing as detailed.
Framing:
All timber is treated machine gauged. All framing is housed and all studs at 600 crs max. Trusses are 15° at max. effective spacing 2.400 crs. Purlins are 100 x 50 at 900 max. crs.



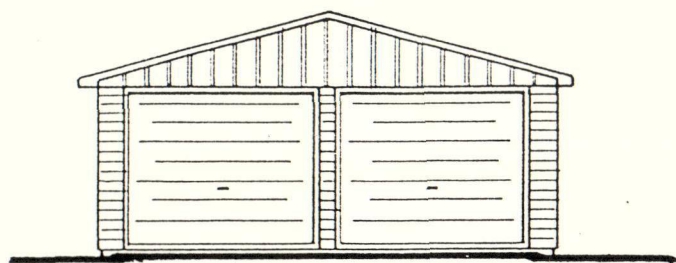
Exterior sheathing:
0.4mm steel weatherboards.
Roofing: 0.4mm longrun steel rib-roofing.
Spouting:
0.4mm gutter 200 x 100.



plan. 1:100



side. 1:100

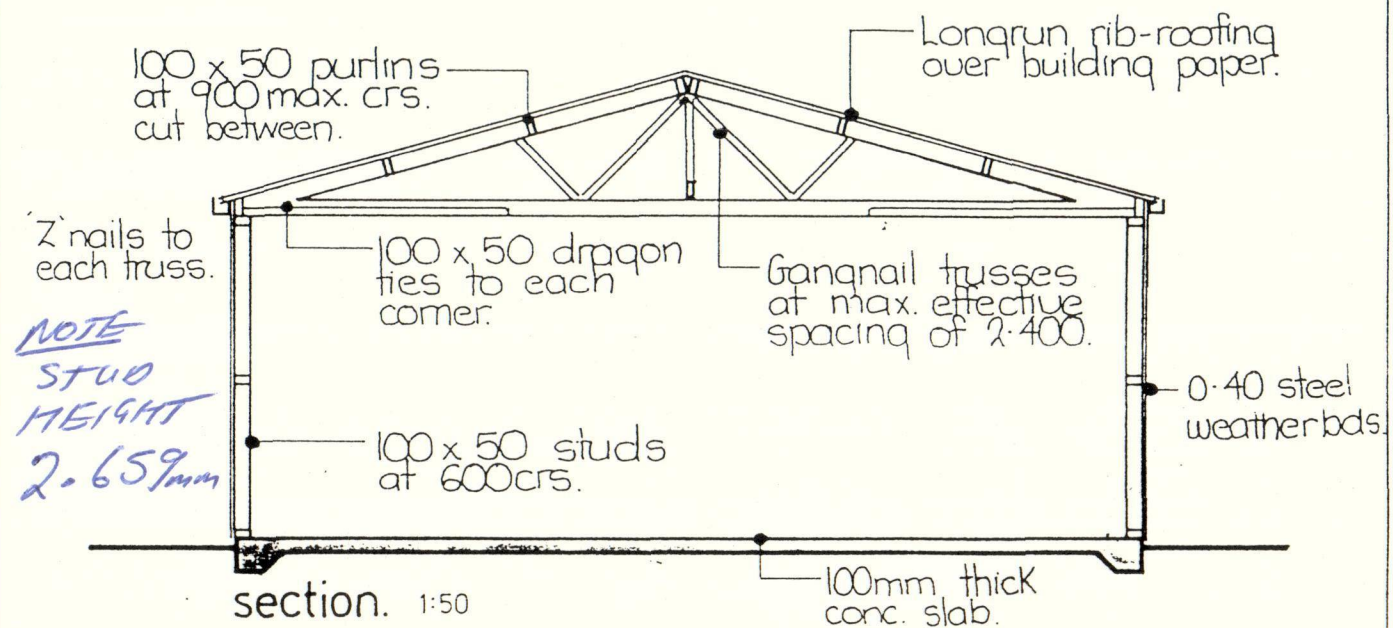


front. 1:100

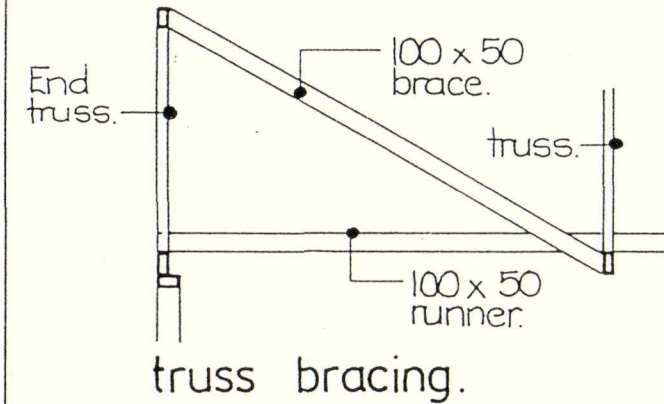
NOTE SIDE ENTRY

construction : budget.

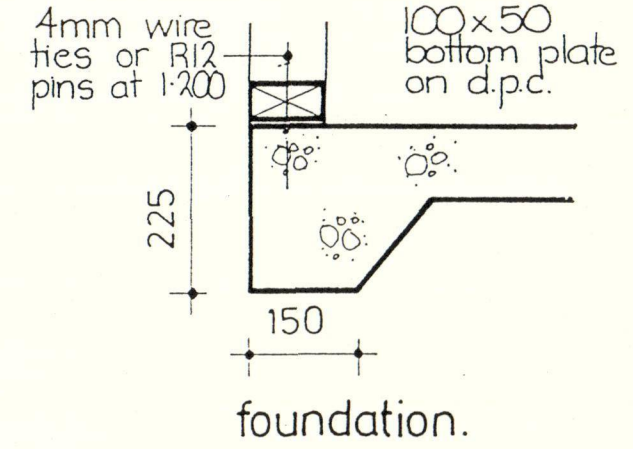
Trusses designed by Gangnail (CH3083).



NOTE
STUD
HEIGHT
2.659mm



truss bracing.



specification.

Foundations:
Concrete floor 17.5 MPa, 100mm thick. Footing as detailed.
Framing:
All timber is treated machine gauged. All framing is housed and all studs at 600 crs max. Trusses are 15° at max. effective spacing 2.400 crs. Purlins are 100x50 at 900 max. crs.

Exterior sheathing:
0.4mm steel weatherboards.
Roofing: 0.4mm longrun steel rib-roofing.
Sputing:
0.4mm gutter 200 x 100.

Inspector: M _____

File No. _____

Receipt No. 31790

Date Permit Issued 4/17/90

OWNER

Name KJ Nordstrom

Mailing Address 19 Tamara Rd
Southbridge.

BUILDER

Name M. R. Fench

Mailing Address No 3 RD
Leeston.

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. _____

Street Name Tamara Rd

Town/District Southbridge.

Riding _____

LEGAL DESCRIPTION

Valuation Roll No. 2417/032/06.

Lot 6 D.P. 53202.

Section _____ Block 1

Survey District Southbridge.

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

Glasshouse

FLOOR AREA		DWELLING UNITS	
Whole Sq. Metres	<u>28</u>	Number Erected	_____
ESTIMATED VALUES	Building	<u>940</u>	<u>00</u>
	Plumbing	_____	_____
	Drainage	_____	_____
	G.S.T.	_____	_____
\$	TOTAL	<u>940</u>	<u>00</u>

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

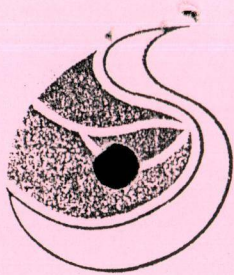
☒ DOMESTIC GARAGES
AND DOMESTIC OUTBUILDINGS

FEES APPLICABLE

Building Permit	\$ <u>44.44</u>	Water Connection	\$ _____	Receipt No. <u>31790</u>
Street Damage Deposit ..	\$ _____		\$ _____	
Building Research Levy ..	\$ _____		\$ _____	Date of Payment <u>28/06/90</u>
Plumbing	\$ _____		\$ _____	
Drainage	\$ _____		\$ _____	Authorised Officer <u>Am Deo</u>
Sewer Connection	\$ _____		\$ _____	
Vehicle Crossing Levy ..	\$ _____	G.S.T.	\$ <u>536</u>	
M.S. Plumbing	\$ _____	TOTAL:	\$ <u>5000</u>	

Special Conditions: _____

Date Inspected	REMARKS (e.g. stage reached with work)



Selwyn DISTRICT COUNCIL

SERVICE
CENTRES:

HORNBY
P.O. BOX 16432, HORNBY
PH: (03) 495-745 FAX (03) 495-746

LEESTON
P.O. BOX 2, LEESTON
PH: (03) 243-859 FAX (03) 243-531

DARFIELD
P.O. BOX 1, DARFIELD
PH: (0516) 88-416 FAX (0516) 88-542

BUILDING PERMIT APPLICATION

To: The Engineer,

I/We hereby apply for a building permit for the work described below and in accordance with the PLANS AND SPECIFICATIONS HEREWITH IN DUPLICATE.

Description of Work:

Glass house

Proposed use

Home use

The following details are attached (please confirm checklist and tick appropriate box).

☐ Site Plan ☐ Elevations ☐ Floor Plan ☐ Cross Section ☐ Specifications
PERMIT POSTED TO ☐ Owner ☐ Builder ☐ Applicant ☐

Owner

Name K.J. Nordstrom

Mailing

Address 19 Taumutu Rd Southbridge

Phone No.

242 642

Builder

Name Mr R French

Mailing

Address No 3 RD Leeston

Phone No.

242 540

Property on which work will be done

Street/Road

Taumutu Road

Town/District

Designer/Principal Consultant

Name

Address

Phone No.

PROPERTY SIZE

DWELLING UNITS PROPOSED

Ground Floor Existing 28 m²

Proposed m²

Other Floors Existing m²

Proposed m²

Accessory Building area

Existing m²

Proposed m²

Total Area of all Buildings

Existing and Proposed m²

LEGAL DESCRIPTION

Valuation Roll Number 24170/13206

Lot 6 DP 53262

Section Block 1

Survey District Southbridge

Certificate of Title No.

ESTIMATED VALUES (INCLUDING GST)

Building:

(Not including drainage
and Plumbing) \$

Drainage and Plumbing:

(Sanitary work) \$

TOTAL

\$ 940-00

FEES APPLICABLE (INCLUDES GST)

Building Permit \$ 50-00

Building Research Levy \$

Drainage and Plumbing \$

Water Connection \$

Channel Crossing Fee \$

Footpath Maintenance Bond \$

Deposit Paid \$

TOTAL \$ 50-00

GST content \$

Deposit Receipt No. Date:

Receipt No. 31790 Date: 28/6/90

PERMIT NO. H040365 Date: 4.7.90

Signature of Applicant:

Name of Applicant:

Mailing Address:

Phone No.

242 642

SCHEDULE OF BUILDING PERMIT FEES AND NOTES
(effective from 1 January 1990)

Estimated value of work (excluding any amount on which plumbing and drainage fees are payable).

All fees include GST.

Value of Building

Fee

\$

\$

0	-	3,000
3,001	-	4,000
4,001	-	5,000
5,001	-	6,000
6,001	-	7,000
7,001	-	8,000
8,001	-	9,000
9,001	-	10,000
10,001	-	15,000

50
60
70
80
90
100
110
120
160

BUILDING RESEARCH LEVY

Every building valued at 20,000 or more incurs a liability for the levy payment of \$1.15 in each \$1,000 (or part thereof) of the whole value e.g. a building valued at \$20,300 incurs a levy of \$24.15 including GST.

↓

15,001	-	20,000
20,001	-	30,000
30,001	-	40,000
40,001	-	50,000
50,001	-	60,000
60,001	-	70,000
70,001	-	80,000
80,001	-	90,000
90,001	-	100,000

↓

200
250
300
375
450
490
530
570
600

Values in excess of \$100,000 and not exceeding \$500,000 an additional fee of \$3.50 (incl. GST) is payable per \$1,000 or part thereof.

Values in excess of \$500,000 an additional fee of 60¢ (incl. GST) is payable per \$1,000 or part thereof.

For buildings which are required to have specific design an additional assessment fee of 20% of the value of the building permit is to be paid at the time of submitting the application.

APPLYING FOR A PERMIT

Floor Areas

The area of each floor in buildings of more than single storey must be entered. For site coverage only the area of the ground floor is computed. In accessory buildings the floor area is for computing permissible floor area.

Proposed Use

The proposed use of every building or part of a building must be clearly indicated: e.g. private car garage, private storage shed, ownership flats, leasehold shop etc.

Stormwater Disposal

An approved method of stormwater disposal must be provided to all buildings and must be fixed before occupation of the building.

Drainage and Plumbing

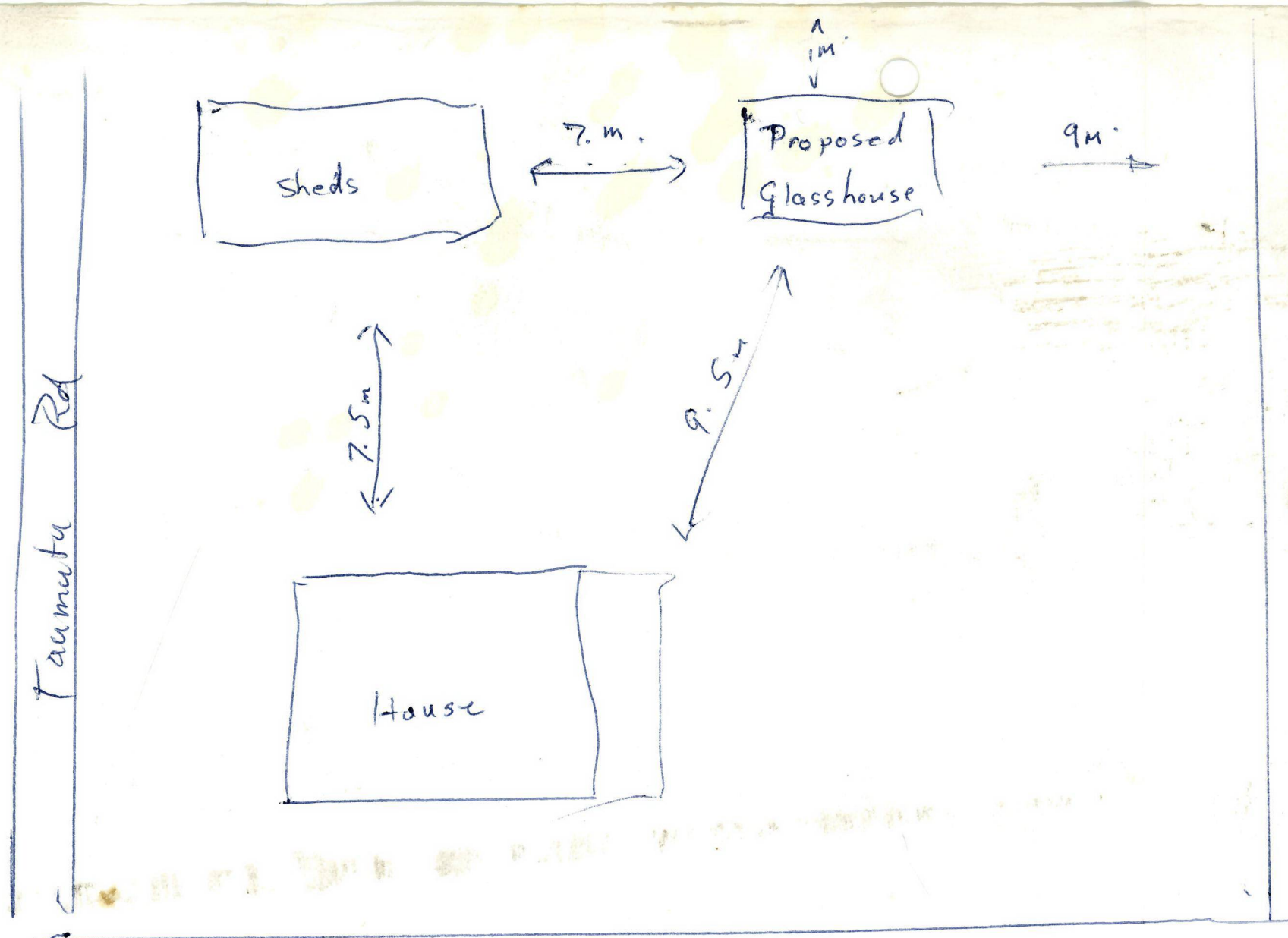
Where drainage and plumbing work is incorporated with any building work the permits must be uplifted at the same time.

Building Permit Requirements:

Applications will not be processed unless 2 copies of all plans (floor plans, elevations, cross sectional plans, site plans) full specifications, and complete land details are submitted with each application together with the necessary permit fees.

Other services for which fees may be charged are:

Inspections, planning and siting dispensations, sewer and water connections, vehicle crossings, street drainage, valuation roll search etc.

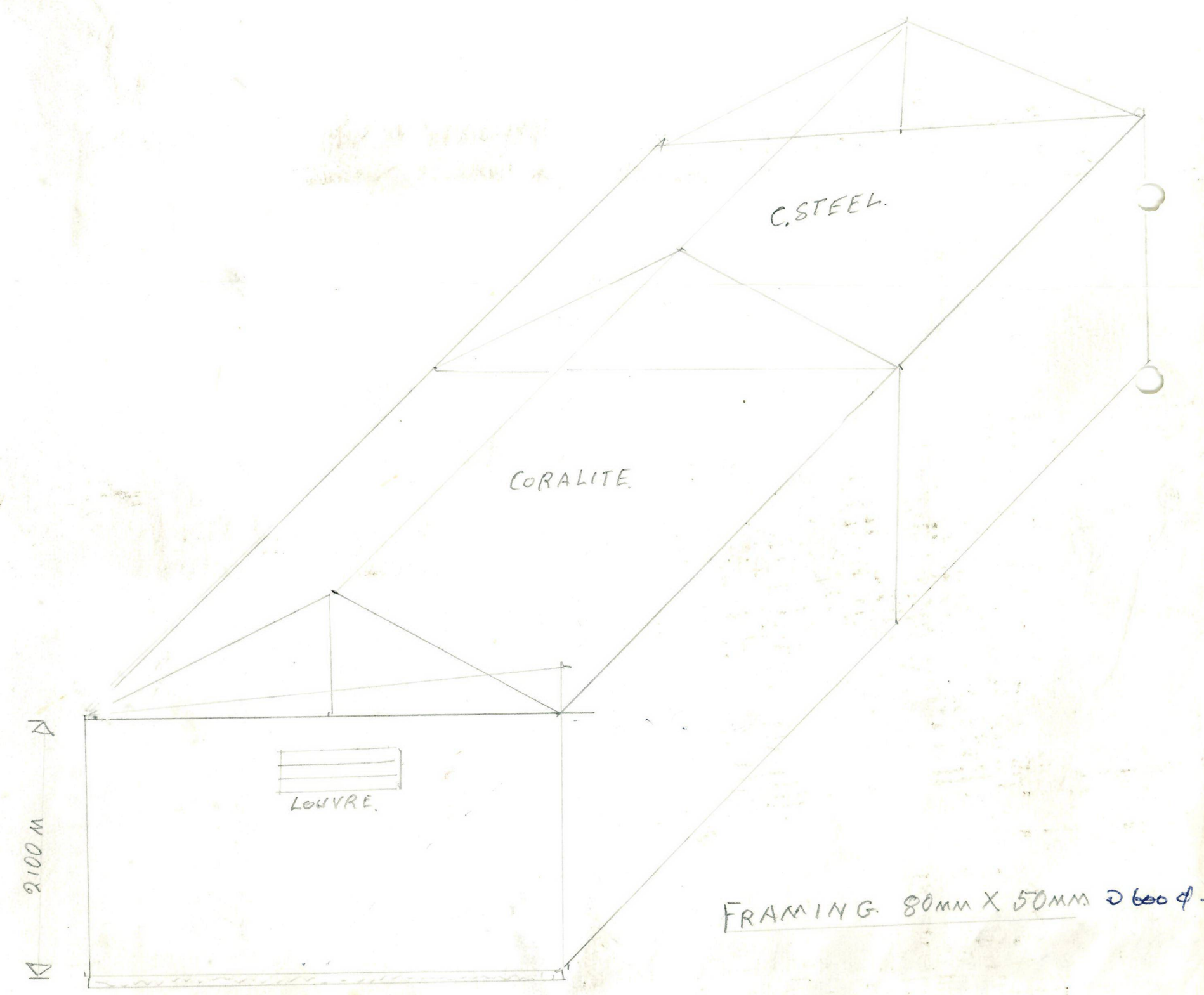


SDC WF0008139

K.J. Nordstrom
19 Taumutu Rd
Southbridge

Builder Mr R. French.

Approx
Cost
\$890-00



587049

Selwyn District Council

Inspector: M _____ File No. _____

Receipt No. **69454**

Date Permit Issued **5/2/92**

OWNER

Name J Nordstrom

Mailing Address 19 Tannock Rd
Southbridge.

BUILDER

Name Ashburton Aluminium Ltd

Mailing Address P O Box 26
Ashburton

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. 19

Street Name Tannock Rd

Town/District Southbridge

Riding _____

LEGAL DESCRIPTION

Valuation Roll No. 2417/32/6.

Lot S D.P. 53262

Section _____ Block _____

Survey District _____

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

Conservatory extension to dwelling

FLOOR AREA Whole Sq. Metres 9

DWELLING UNITS Number Erected _____

ESTIMATED VALUES \$	Building	<u>3 627 00</u>	
	Plumbing		
	Drainage		
	G.S.T.		
TOTAL		<u>3 627 00</u>	

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

FEES APPLICABLE

Building Permit	\$ <u>71 11</u>	Water Connection	\$ _____	Receipt No. <u>69454</u>
Street Damage Deposit	\$ _____		\$ _____	
Building Research Levy	\$ _____		\$ _____	Date of Payment <u>4/2/92</u>
Plumbing	\$ _____		\$ _____	
Drainage	\$ _____		\$ _____	Authorised Officer <u>Am Deo</u>
Sewer Connection	\$ _____		\$ _____	
Vehicle Crossing Levy	\$ _____	G.S.T.	\$ <u>8 89</u>	
M.S. Plumbing	\$ _____	TOTAL:	\$ <u>80 00</u>	

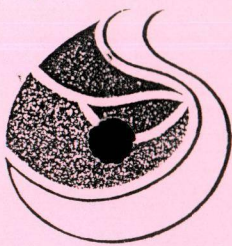
Special Conditions: _____

Date Inspected	REMARKS (e.g. stage reached with work)

Date Inspected

[illegible]

COMPLETED (Signature) _____ Date ____/____/____



Selwyn DISTRICT COUNCIL

SERVICE CENTRES:

LEESTON
PRIVATE BAG, LEESTON
PH: (03) 3243-859
FAX: (03) 3243-531

DARFIELD
PH: (0516) 88-416
FAX: (0516) 88-542

BUILDING PERMIT APPLICATION

Date:

TO: The Engineer

I/We hereby apply for a building permit for the work described below and in accordance with the PLANS AND SPECIFICATIONS HERewith IN TRIPLICATE.

Erect Conservatory

Description of Work:

Proposed use

Living Area

The following details are attached. (Please confirm checklist and tick appropriate box)

☒ Site Plan ☒ Elevations ☒ Floor Plan ☐ Cross Section ☐ Specification

PERMIT POSTED TO

OWNER

BUILDER

APPLICANT

OWNER Name	J. Nordstrom
Mailing Address	19 Taumutu Road Southbridge.
Phone No.	Ph (03)-242-642

BUILDER Name	Ashburton Aluminium Ltd
Mailing Address	P.O. Box 26 Ashburton
Phone No.	(03)-308 8912

Property on which work will be done	Street/Road
	19 Taumutu
Town/District	Southbridge

Designer/Principal Consultant	Name
	I.R. Ferguson
Address	P.O. Box 26 Ashburton
Phone No.	Ph (03) 308-8912

PROPERTY SIZE	
DWELLING UNITS PROPOSED	
Ground Floor Existing	m ²
Proposed	9 m ²
Other Floors Existing	m ²
Proposed	m ²
Accessory Building Area	
Existing	m ²
Proposed	m ²
Total Area of all Buildings	
Existing and Proposed	9 m ²

LEGAL DESCRIPTION	
Valuation Roll No.	2417/32/6
Lot	S D.P. 53262
Section	Block
Survey District	
Certificate of Title Supplied: YES / NO	

ESTIMATED VALUES (INCLUDING G.S.T.)	
Building:	
(Not including Drainage and Plumbing	\$ 3627-00
Drainage and Plumbing (Sanitary Work)	\$
TOTAL	\$ 3627-00

FEES APPLICABLE (INCLUDES G.S.T.)	
Building Permit	BUPF \$ 80.00
Building Research Levy	BRLV \$
Drainage and Plumbing	DRPP \$
Engineering Check	BUPE \$
Damage Deposit	BUEN \$
Total:	\$ 80
Deposit Paid	BUPF \$
Balance Owning:	\$

Signature of Applicant:

Name of Applicant:

Mailing Address:

P.O. Box 26
Ashburton

Deposit

Receipt No. Date

Receipt No. 69454 Date 4.2.92.

PERMIT NO. J61760 Date 5/2/92

SCHEDULE OF BUILDING PERMIT FEES AND NOTES
(effective from 5 November 1991)

Estimated value of work (excluding any amount on which plumbing and drainage fees are payable).

1. Note: Deposit of \$70 for work up to and including \$10,000; deposit fee of \$150 for work valued from \$10,000 to \$50,000; deposit of \$460 for work over \$50,000. Balance of permit fees payable at time permit is issued.
2. Engineering structural assessment of the building permit will be charged out at cost where such checks are required.

All fees include GST.

<u>Value of Building</u> \$	<u>Fee</u> \$	
Value not exceeding		
\$3,000	\$70.00	
\$4,000	\$80.00	
\$5,000	\$90.00	
\$6,000	\$100.00	
\$7,000	\$120.00	
\$8,000	\$130.00	
\$9,000	\$140.00	
\$10,000	\$150.00	BUILDING RESEARCH LEVY
\$15,000	\$200.00	- Building research levy for
\$20,000	\$250.00	values over \$20,000 of
\$30,000	\$310.00	\$1.15/\$1,000 (inc. GST).
\$40,000	\$370.00	This figure applies to the
\$50,000	\$460.00	whole building value and
\$60,000	\$550.00	includes all building costs
\$70,000	\$610.00	including plumbing and
\$80,000	\$650.00	drainage.
\$90,000	\$690.00	
\$100,000	\$730.00	

- Values in excess of \$100,000 and not exceeding \$500,000 will be assessed at \$730.00 plus \$5.00 (including GST) per every additional \$1,000 or part thereof. \$5 per \$1,000

- Values in excess of \$500,000 will be assessed at \$2,730.00 plus \$2.00 (inc. GST) per every additional \$1,000 or part thereof. \$2 per \$1,000

APPLYING FOR A PERMIT

Floor Areas

The area of each floor in buildings of more than single storey must be entered. For site coverage only the area of the ground floor is computed. In accessory buildings the floor area is for computing permissible floor area.

Proposed Use

The proposed use of every building or part of a building must be clearly indicated eg. private car garage, private storage shed, ownership flats, leasehold shop etc.

Stormwater Disposal

An approved method of stormwater disposal must be provided to all buildings and must be fixed before occupation of the building.

Drainage and Plumbing

Where drainage and plumbing work is incorporated with any building work the permits must be uplifted at the same time.

Building Permit Requirements

Applications will not be processed unless 3 copies of all plans (floor plans, elevations, cross sectional plans, site plans) full specifications, and complete land details are submitted with each application together with the necessary permit fees.

Other services for which fees may be charged are:

Inspections, planning and siting dispensations, sewer and water connections, street drainage, valuation roll search etc.

Vehicle Crossings

In areas where vehicle access is required to properties, such access shall be to Council specified standards. The authority for the installation of the vehicular access is the Selwyn Works Unit, P.O. Box 40, Darfield, phone 0516-88416.

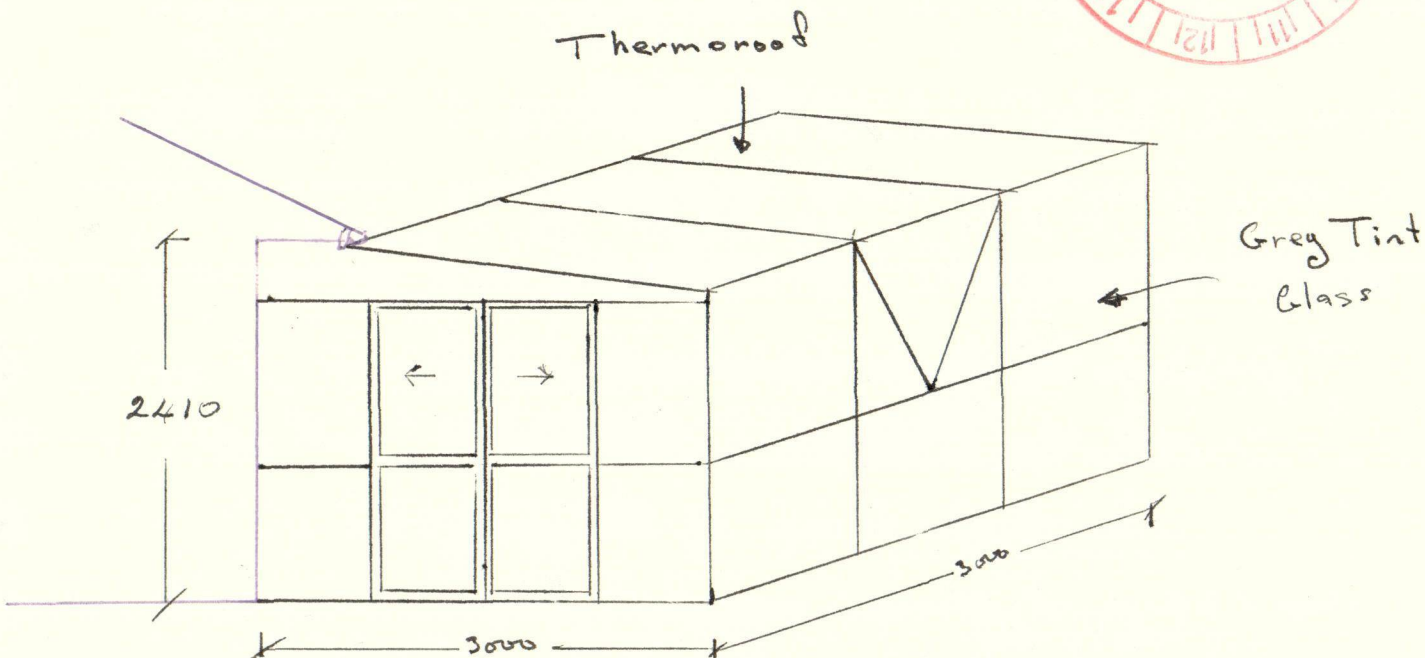
Damage Deposit

A deposit of \$300 is required as a bond to cover reinstatement of any services, roadway or footpath damaged as a consequence of any construction work associated with this permit application. Refund of fees as appropriate will be made on application to the Selwyn District Council Professional Engineering Business Centre, Private Bag, Leeston, phone 0516 88416 or 3243-859.

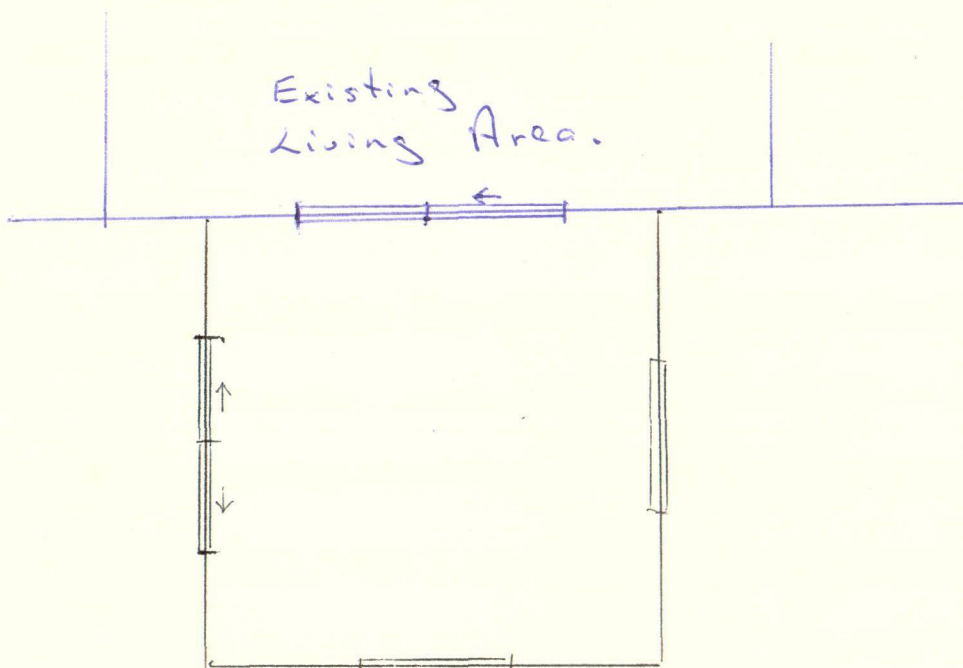


Ashburton Aluminium Ltd.

MALCOLM McDOWELL ROAD,
P.O. BOX 26, ASHBURTON, N.Z.
TELEPHONE 308-8912 BUSINESS
308-4385 AFTER HOURS



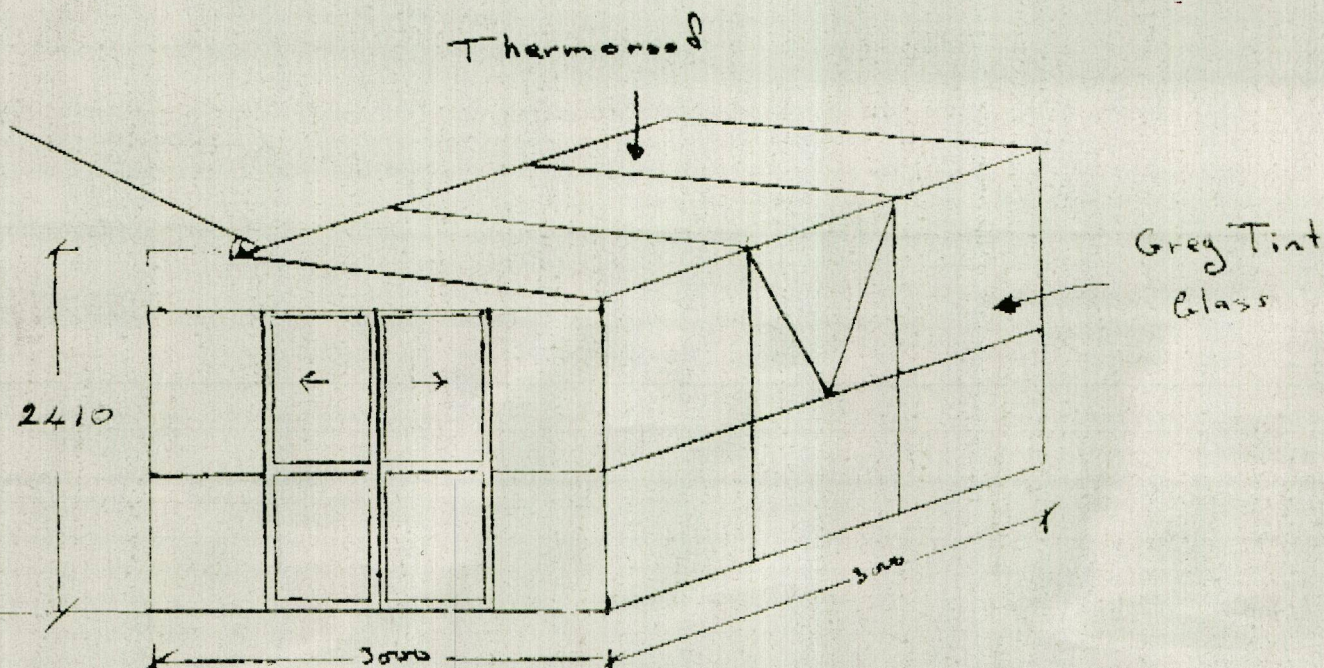
Fisher Aluminium Conservatory built on existing
concrete slab



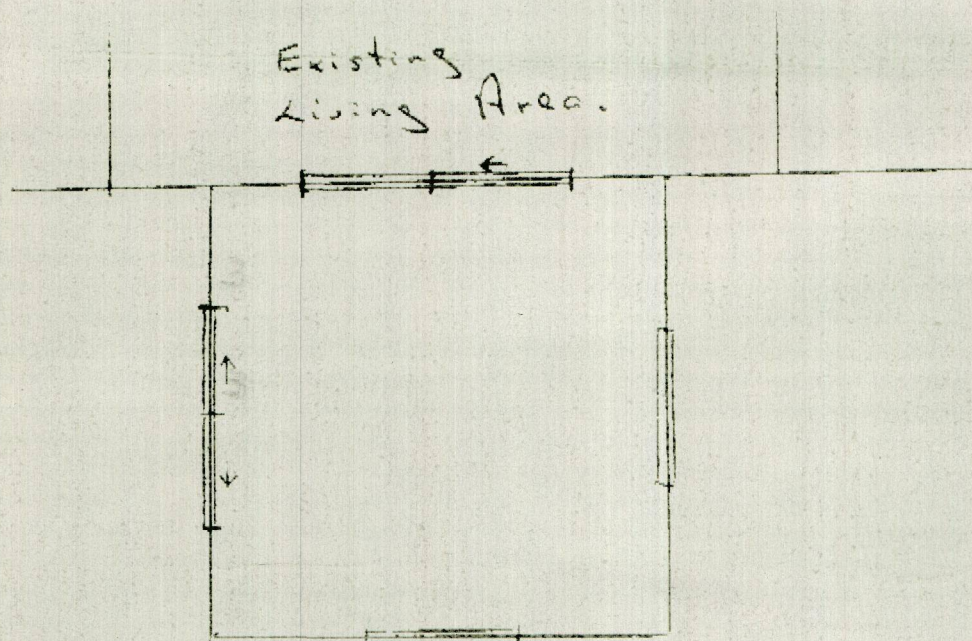


Ashburton Aluminium Ltd.

MALCOLM McDOWELL ROAD
P.O. BOX 26, ASHBURTON, N.Z.
TELEPHONE 308-8812 BUSINESS
308-4388 AFTER HOURS



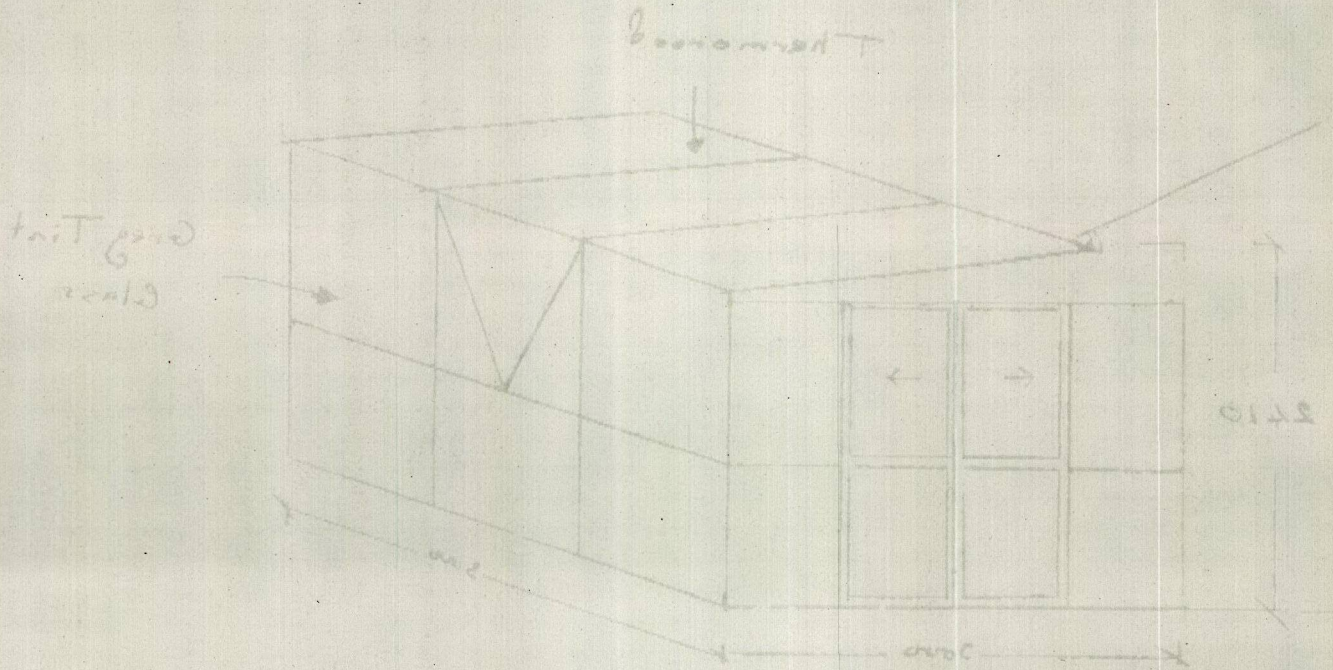
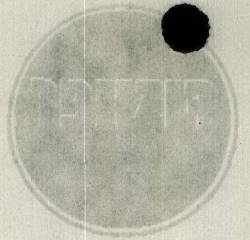
Fisher Aluminium Conservatory built on existing concrete slab





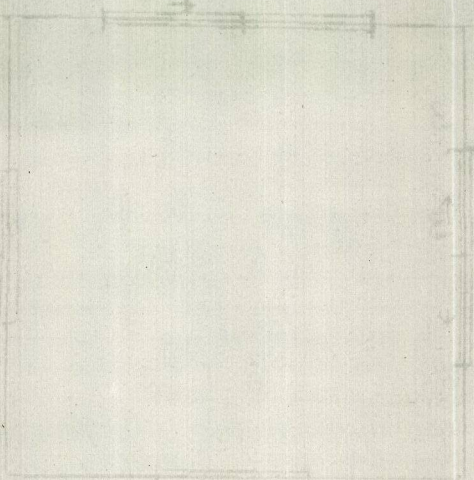
Ashbuton Aluminium Ltd.

MALCOLM McDONELL ROAD
P.O. BOX 26, ASHBURTON, N.Z.
TELEPHONE 308-8412 BUSINESS
308-4388 AFTER HOURS



Existing Aluminium Conservatory built on existing concrete slab

Existing Area



DESIGN CERTIFICATE



To Selwyn District Council
Private Bag
Leeston

re CHH Aluminium Franchising Company Conservatory
(Project Title)

I, Kelvin John Cooper, being a Registered Engineer
and holding a current Annual Practising Certificate and being a Member of the Association of Consulting Engineers New
Zealand and a Principal/Director of CLC Consulting Group

hereby certify that:

- This Consulting Practice has been engaged to design and execute the appropriate engineering calculations for
Aluminium framed glasshouse conservatory
(Description & Type of Structure)

proposed to be constructed for J. Nordstrom
(Name of Owner)
located at 19 Taumutu Road Southbridge
(Street Address)

on
(Legal Description of Site)

- The accompanying 19 sheets of Drawings titled and numbered CA1 to CA19
(Number) and dated 4/89 and Specification Sections numbered
CLC Consulting Group Report #3009 adequately illustrate the design of the structure.
- I have exercised reasonable control over the design processes for the works defined above which have been designed
in accordance with sound and widely accepted engineering principles to support the loads specified in
NZS 4203:1984
and various aspects of the design are in accordance with the following relevant authorities
NZS 4223:1985, AS 1664:1979
- I believe the stresses in the various materials of construction and force resisting elements of the structure including the
foundation strata under the above loads are such as to ensure the safety and stability of the structure if the works are
constructed in accordance with the above described drawings and specifications.

The name and qualifications of the principal structural designer are Kelvin John Cooper, B.E., MIPENZ

Signature of ACENZ Member [Signature] Date October 1990

Professional Qualifications BE, MIPENZ Registration No. 8277

For and on behalf of CLC Consulting Group

Address P.O. Box 51-547
Pakuranga
Auckland

ASSOCIATION OF
CONSULTING ENGINEERS NEW ZEALAND
A Division of
the Institution of Professional Engineers New Zealand

DESIGN CERTIFICATE



To: Belvoir District Council
Private Bag
Leeston

Re: CHS Aluminium Extrusion Company Conservatory
(Project Title)

I, Kevin John Cooper, being a Registered Engineer and holding a current Annual Practising Certificate and being a Member of the Association of Consulting Engineers New Zealand and a Principal/Director of CJC Consulting Group, hereby certify that

This Consulting Practice has been engaged to design and execute the appropriate engineering calculations for Aluminium framed glasshouse conservatory
(Description & Type of Structure)

proposed to be constructed for J. Woodhouse
(Name of Owner)
located at 12 Tamarua Road
(Street Address)

on Legal Description of Site

The accompanying 10 (Number) sheets of Drawings titled and numbered CA1 to CA10 and dated 1/89 and Specification Sections numbered

CJC Consulting Group Report # 3009 adequately illustrate the design of the structure. I have exercised reasonable control over the design process for the works defined above which have been designed in accordance with sound and widely accepted engineering principles to support the loads specified in

NZS 4203:1984 and various aspects of the design are in accordance with the following relevant authorities:
NZS 4223:1985, AS 1664:1979

I believe the stresses in the various materials of construction and force resisting elements of the structure including the foundation slabs under the above loads are such as to ensure the safety and stability of the structure in the works are constructed in accordance with the above described drawings and specifications.

The name and qualifications of the principal structural designer are Kevin John Cooper, B.E., MIPENZ

Signature of ACENZ Member Kevin John Cooper
Professional Qualification: B.E., MIPENZ
For and on behalf of CJC Consulting Group

Registration No. 8277 Date October 1990

Address P.O. Box 51-247
Pakuranga
Auckland

ASSOCIATION OF
CONSULTING ENGINEERS NEW ZEALAND
A Division of
the Institution of Professional Engineers New Zealand

Inspector: M _____

File No. _____

Receipt No. 26509

Date Permit Issued 23/3/90

OWNER

Name K J Nordstrom

Mailing Address No. 3 RD Leeston.

BUILDER

Name K Summerfield

Mailing Address P.O. Box 189
Ashburton

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. _____

Street Name Taunumu Rd

Town/District Southbridge.

Riding _____

LEGAL DESCRIPTION

Valuation Roll No. 247/32/6.

Lot 6 D.P. 53262.

Section _____ Block _____

Survey District Southbridge

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

New Dwelling

FLOOR AREA Whole Sq. Metres 130

DWELLING UNITS Number Erected _____

ESTIMATED VALUES

Building	<u>70,000.00</u>
Plumbing	<u>6,000.00</u>
Drainage	_____
G.S.T.	_____
TOTAL	<u>76,000.00</u>

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**

FEES APPLICABLE

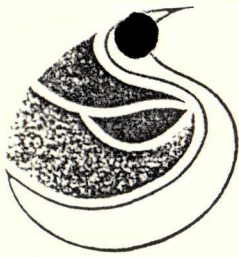
Building Permit	\$ <u>435.00</u>	Water Connection	\$ <u>40.00</u>	Receipt No. <u>26509</u>
Street Damage Deposit ..	\$ _____		\$ _____	Date of Payment <u>23/3/90</u>
Building Research Levy ..	\$ <u>76.00</u>		\$ _____	Authorised Officer <u>Jm Beo</u>
Plumbing	\$ <u>71.13</u>		\$ _____	
Drainage	\$ _____		\$ _____	
Sewer Connection	\$ _____		\$ _____	
Vehicle Crossing Levy ..	\$ _____	G.S.T.	\$ <u>77.82</u>	
M.S. Plumbing	\$ _____	TOTAL:	\$ <u>605.00</u>	

Special Conditions: _____

Date Inspected _____ REMARKS (e.g. stage reached with work) _____

[illegible]

COMPLETED (Signature) _____ Date ____/____/____



Selwyn
DISTRICT
COUNCIL

SERVICE
CENTRES:

HORNBY
P.O. BOX 16432, HORNBY
PH: (03) 495-745 FAX (03) 495-746

LEESTON
P.O. BOX 2, LEESTON
PH: (03) 243-859 FAX (03) 243-531

DARFIELD
P.O. BOX 1, DARFIELD
PH: (0516) 88-416 FAX (0516) 88-542

BUILDING PERMIT APPLICATION

To: The Engineer,

I/We hereby apply for a building permit for the work described below and in accordance with the PLANS AND SPECIFICATIONS HEREWITH IN DUPLICATE.

Description of Work: NEW HOUSE

Proposed use Living.

The following details are attached (please confirm checklist and tick appropriate box).

☒ Site Plan ☒ Elevations ☒ Floor Plan ☒ Cross Section ☒ Specifications
PERMIT POSTED TO Owner ☐ Builder ☒ Applicant ☐

Owner
Name KS Nordstrom
Mailing Address NO 3RD LEESTON.
Phone No.

Builder
Name DE Summerfield
Mailing Address PO BOX 189
ASHBURNTON.
Phone No. 85471.

Property on which work will be done
Street/Road Taumu Ta Rd. South Bridge
Town/District

Designer/Principal Consultant
Name Builder
Address as above
Phone No.

PROPERTY SIZE
DWELLING UNITS PROPOSED one
Ground Floor Existingm²
Proposed 130.3m²
Other Floors Existingm²
Proposedm²
Accessory Building area
Existingm²
Proposedm²
Total Area of all Buildings
Existing and Proposed 130.3m²

LEGAL DESCRIPTION
Valuation Roll Number 2417/32/6
Lot 6 DP 53262
Section _____ Block I
Survey District SOUTHBRIDGE TOWN.
Certificate of Title No.

ESTIMATED VALUES (INCLUDING GST)
Building: \$70.000
(Not including drainage and Plumbing) \$...70.000.....
Drainage and Plumbing:
(Sanitary work) \$.....6.000.....
TOTAL \$...76.000.....

FEES APPLICABLE (INCLUDES GST)
Building Permit 435.56 54.44 490.00
Building Research Levy 76.00 950 85.50
Drainage and Plumbing 71.11 889 80.00
Water Connection 40.500 45.00
Channel Crossing Fee * \$
Footpath Maintenance Bond ✓ \$
TOTAL \$ 700.50
GST content \$ 77.83

Signature of Applicant:

DE Summerfield

Name of Applicant:

Donald Francis Summerfield

Mailing Address:

PO Box 189.

ASHBURNTON.

Phone No. 85471.

Receipt No. 26509 Date: 23.3.90

PERMIT NO H014022 Date: 28.3.90.

(effective from 1 January 1990)

All fees include GST.

<u>Not Exceeding</u>	<u>Fee</u>	<u>GST content</u>
<u>\$</u>	<u>\$</u>	<u>\$</u>
3,000	50	5.56
4,000	60	6.67
5,000	70	7.78
6,000	80	8.89
7,000	90	10.00
8,000	100	11.11
9,000	110	12.22
10,000	120	13.33
15,000	160	17.78
20,000	200	22.22
30,000	250	27.78
40,000	300	33.33
50,000	375	41.67
60,000	450	50.00
70,000	490	54.44
80,000	530	58.89
90,000	570	63.33
100,000	600	66.67

Values in excess of \$500,000 an additional fee of 60¢ (incl. GST) is payable per \$1,000 or part thereof.

For buildings which are required to have specific design an additional assessment fee of 20% of the value of the building permit is to be paid at the time of submitting the application.

	<u>Fee</u>	<u>GST content</u>
Free Standing Unit	\$50	\$5.56
Inbuilt unit (where chimney inspection is required)	\$70	\$7.78

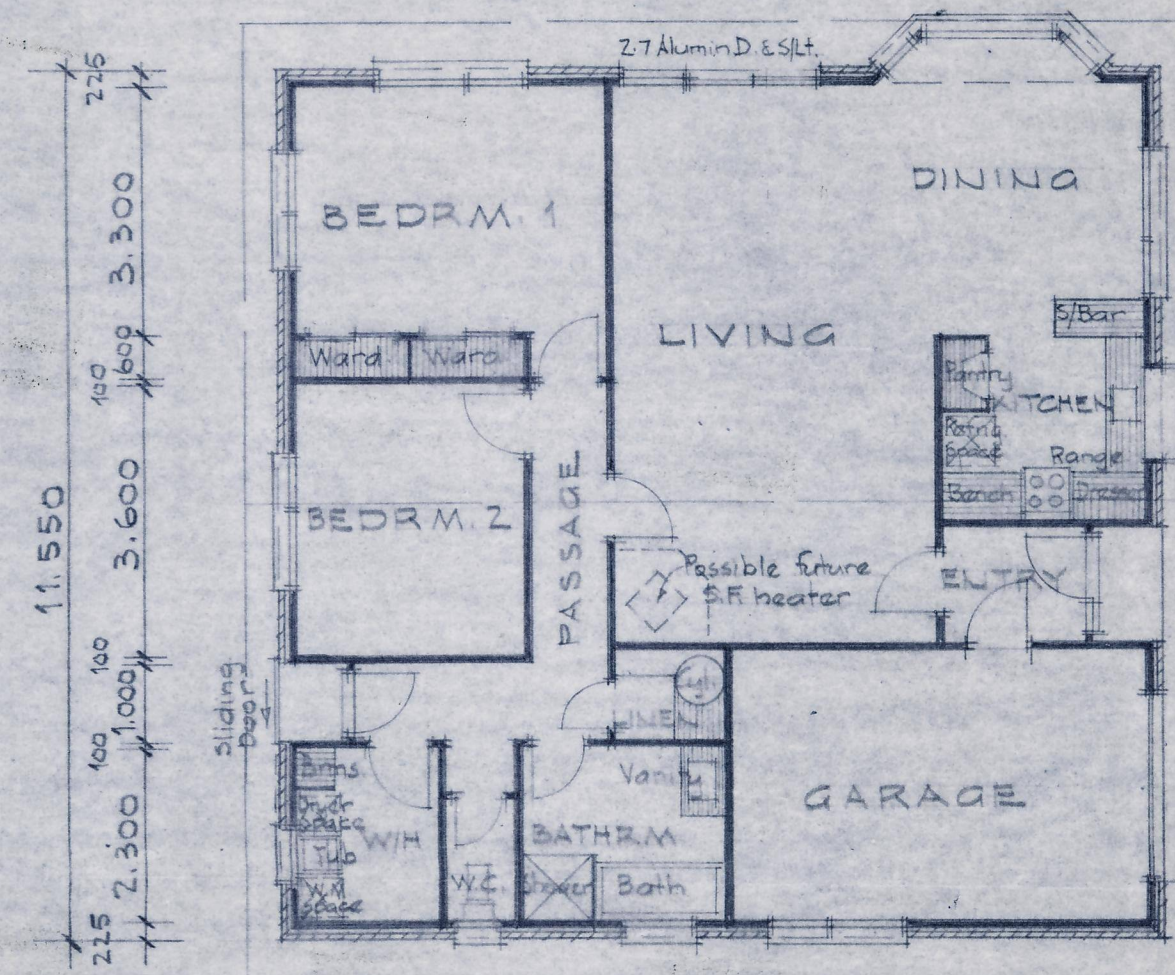
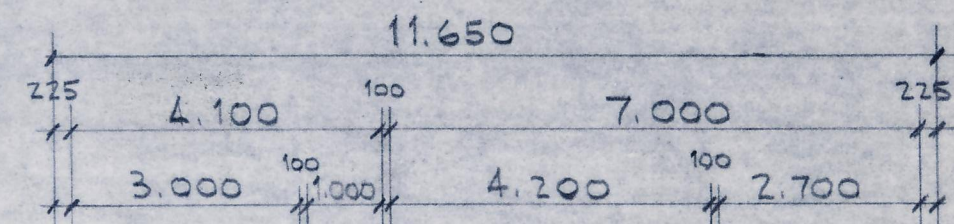
Buildings to be re-sited from outside the District Council area (plus mileage at public service rates)	\$100	\$11.11
Buildings to be re-sited from within the District Council area (plus mileage at public service rates)	\$50	\$5.56
Other inspections	\$50	\$5.56

$$\begin{array}{r} 7444 \\ \times 55 \\ \hline 37220 \\ 372200 \\ \hline 409884 \end{array}$$

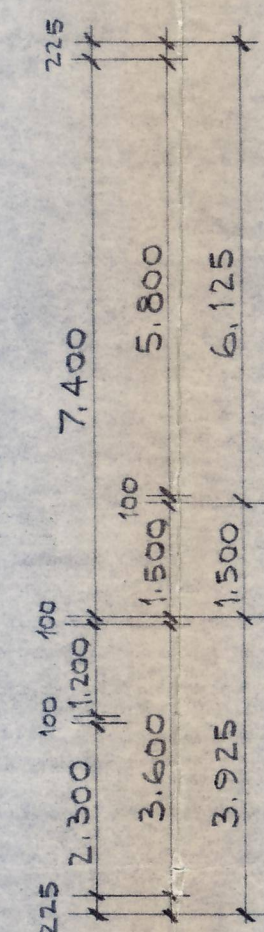
This architectural drawing shows a side elevation of a building. The facade is covered in horizontal siding. A large, flat roofline is visible at the top. Three windows are positioned along the wall: a small square window on the left, a medium square window in the center, and a larger rectangular window on the right. Each window has a simple frame with a central mullion. The drawing is a line art illustration with a light gray background.

Architectural elevation drawing of a single-story house. The house features a gabled roof with a wide overhang. The exterior walls are finished with horizontal siding. The front facade includes a central door with a transom window, flanked by two windows. To the left of the door is a larger window with a transom, and to the far left is a small, narrow window. A diagonal line is drawn across the front wall, possibly indicating a structural break or a design element. The drawing is a line art illustration on a textured background.

ELEVATIONS SCALE = 1:100



FLOOR PLAN Area: 130.3 m² (1403 sq. ft.) over plates, incl. Garage
SCALE = 1:100.



Trusses fixed to plates, etc. with
'Multi-grips' or similar approved
anchors.

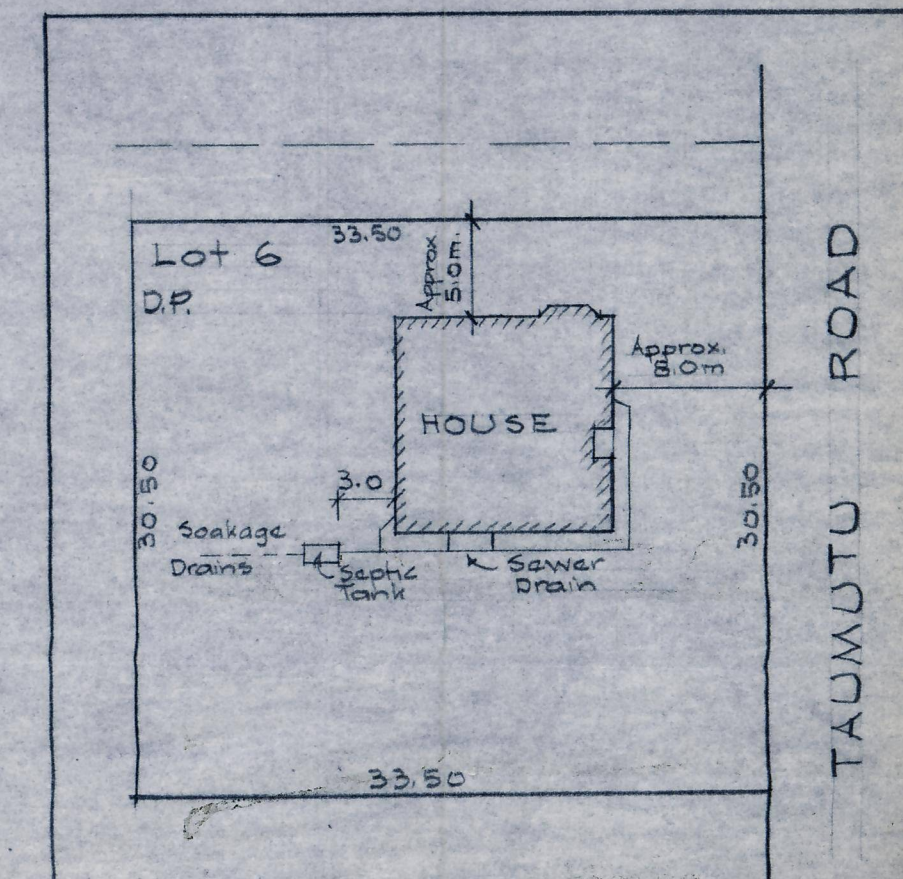
'Klass' or 'Taylor' fascia-gutter system
75 x 40
Hardiflex

Block veneer -
Breather type bldg. paper.
100 x 50 wall framing
(Studs at 600 max. c/s)

Open perpend

TYPICAL SECTION

SCALE = 1:25



SITE PLAN

SCALE = 1:400

Specification of work to be done and materials to be used in the erection and completion of Homa at Tanyuta Rd.

South bridge for Mrs Mrs KS Nordstrom.

SUMMARY OF SPECIFICATION: As this is a Standard Specification more than one material may be specified for the same job. This Summary of Specification will, when completed, determine the actual materials to be used in this Contract.

FOUNDATIONS: concrete

FLOORS: "

EXTERIOR WALLS: Block

ROOF: colour steel.

INTERIOR LININGS:

Room	Walls	Ceilings
Hall	Lip Board	Lip Board
Lounge	"	"
Dining	"	"
Bedrooms	"	"
Bathrooms	"	Hard
Kitchen	"	Lip
Laundry	"	"
W.C.	"	"
Shower	Riot one	Hard

DOORS & JOINERY: Rim Mahogany aluminium

WINDOWS: aluminium

PLASTER: Exterior Walls
Foundation
Steps

CYLINDER: 40g m/p

SINK BENCH: Formica

BATH: PVC

SHOWER: 5/8 steel

BASIN: Vanity

W.C.s One vitreous E

TUB: 3/8 steel

DRAINAGE: septic tank

WATER SUPPLY: High Back Sun

LIGHT POINTS: Outside 2
Inside 15

POWER POINTS:

P.C. Sums: The following P.C. Sums have been allowed:

Hardware
Electric Range . 12.00
Wallpapers per roll 25
Heaters: Electric 4550

PRELIMINARY & GENERAL

- 1.1 Building Contract: The general conditions governing the contract shall be generally as set out by the Canterbury Master Builders' Association and shall be prepared by the Contractor.
- 1.2 Specification This specification shall be read in conjunction with the drawings and the contract and shall be taken to be a record of the materials used and the standard of workmanship expected from the Contractor and Sub-Contractors.
- 1.3 In the event of any materials herein specified not being procurable at the time it is required, or will tend to stop progress of the contract, such materials may be substituted with other materials, provided however, that the substituted materials conform with the local by-laws and are to the satisfaction of the employer. The contractor is first to notify the employer of any change intended to be made, and at the completion of the contract will adjust any difference in costs.
- 1.4 Foreman The Contractor is to have a competent foreman in charge of the contract from start to completion of work.
- 1.5 Permits and Services The Contractor shall comply with all by-laws and regulations of local authorities affecting the works and shall give all notices connected herewith and pay all fees required before commencing the work.
- 1.6 Insurance The Contractor shall insure the works for the full insurable value with an approved office and keep them insured against loss or damage by fire from the date of commencement of work until the date of possession.
- 1.7 Scaffolding and Plant The Contractor is to provide and erect all necessary scaffolding to the regulations, and provide all necessary plant, temporary water and temporary power.
- 1.8 Access to Site The Owner shall provide an all weather access from the road to the site. The Contractor shall not be responsible for any delays caused by the non-provision of this access.
- 1.9 Services No cost of electric transmission lines or cables over nine meters in length is included in this contract or the cost of any un-paid sewer lateral charges.
- 1.10 Surplus Materials The Contractor is to remove all rubbish, plant and surplus material but not material excavated from foundations, septic tanks or drains unless expressly included.
- 1.11 Liens Act In this contract the amount to be retained in conformity with the Wages Protection and Contractors Liens Act shall be the sum mentioned in the contract.
- 1.12 Extras: No extras are to be supplied or extra work done without the prior consent of the employer in writing.
- 1.13 Maintenance Period The Contractor will entirely at his own expense remedy defects that may become apparent within a period of thirty days following the substantial completion of the works whichever comes sooner. The Owner may withhold the estimated value of the maintenance work from the retention monies, the balance to be paid at the expiration of thirty-one days from the date of possession or substantial completion.
- 1.14 Occupation The house is not to be occupied without the consent of the Contractor or his Solicitor.

- 1.15 Prime Cost Sums The words Prime Cost (P.C.) of any article mentioned in this specification shall be the amount including any trade discounts.
- 1.16 Culvert Crossing If the local authority requires a culvert crossing to be paid for before the building operations commence, the Contractor shall arrange this with the Council and charge to cost to the owner on completion.
- 1.17 Completion On completion of this contract the Contractor shall remove debris and leave the whole site tidy and fit for gardening and leave the entire building including steps etc. clean and ready for use. All floors shall be broom clean, all glass work shall be left sound and clean inside and out, and all painted and varnished work shall be left free from dirt and spot.

EXCAVATOR

- 2.1 Excavation as required of foundations for walls, footing, water pipes, etc. to give a solid bearing to the various depths, levels and grades. Trenches to be kept clear of debris and water.

CONCRETOR

- 3.1 Foundations and Floors Concrete to be pre-mixed to a test of 17.5Mpa after 28 days. Reinforcement to be round steel rods with laps at least 40 diameters bound together with 16 g. black iron wire. All exterior wall foundations to be continuous 225mm wide for veneer construction and 125mm for non-veneer. Hard fill to be 75mm and down scoria or 'run off the pit' metal compacted in layers 150mm deep. Bind with 25mm sand and overlay with black polythene damp-proof course with taped joints. Holding down bolts to be 300mm max. from corners and 1.4m other centres max. Piles to be 200x200mm set out as shown on plan and supported on 300 x 300 x 100mm thick concrete footings.

CARPENTER AND JOINER

- 4.1 General All carpentry work is to be set out to the dimensions given and attend upon all other trades. All timber is to be the best of its respective kind, free from loose knots, shakes and other imperfections and to hold to the sizes specified.
- 4.2 Kinds of Timber
- | | | | | | | | |
|-----------------|-------------------|----------------------------------|----------|-------|-------|-------|-------|
| Sleepers | 100 x 75 | Rimu | Hrt or | Pinus | Rad | Boron | Trtd. |
| Floor Joists | 100 x 50 | " | " | " | " | " | " |
| Bottom plates | 100 x 50 | Rimu | Building | or | | | |
| Top Plates | 100 x 50 | " | " | " | " | " | " |
| Studs | 100 x 50 | " | " | " | " | " | " |
| Studs | 75 x 50 | " | " | " | " | " | " |
| Ceiling Joists | 100 x 50 | " | " | " | " | " | " |
| Ceiling battens | 75 x 40 | " | " | " | " | " | " |
| Ceiling battens | 50 x 50 | " | " | " | " | " | " |
| Top Trimmers to | N.Z.S.S. Chap.6-1 | | | | | | |
| Bracing | 75 x 50 | Rimu | B.A. | or | Pinus | Rad. | Boron |
| Rafters | 100 x 50 | " | " | " | " | " | " |
| Ridges & Hips | 400 x 25 | " | " | " | " | " | " |
| Purlins | 75 x 50 | " | " | " | " | " | " |
| Soffitt bearers | 75 x 40 | " | " | " | " | " | " |
| Flooring | 19 m.m. | T. & G. or T.W.P. Particle Board | | | | | |
| Fascia | 180 x 19 | | | | | | |
| Skirting | out of 75 m.m. | | | | | | |

Carpenter and Joiner continued

- 4.3 Roof Trusses are to be constructed in an approved factory using 'Pryde' or 'Gang' nail plates hydraulically pressed into the timber. Roof trusses are to be built to a Registered Engineers design. The design number, span and pitch is to be stamped on the bottom chord of the truss.
- 4.4 Dampcourse Bitumen fabric dampcourse is to be placed under all timber in contact with concrete. All sleepers and ground plates are to be wired to concrete work with 4 mm galvanised wire and securely stapled.
- 4.5 Framing and Bracing All joists are to be spaced at 450 mm and studs to be spaced at 400mm. Floor joists over 150mm are to have herring boning spaced at 2.00m. Fix two rows of dwanging spaced evenly and flush with studs to receive Gibraltar Board. Brace walls from bottom plate to top plate at an angle no greater than 45 deg.
- | | |
|--------------------------|----------------------------|
| Walls up to 4.5m long | 1 brace |
| Walls 4.5m to 10.5m long | 2 braces in opp. direction |
| Walls 10.5m to 18m long | 3 braces |
| Walls 18m to 25.5m long | 4 braces - 2 each way. |
- Wall frames are to be assembled, squared, braced and erected.
- 4.6 Eaves Construct boxed eaves (unless otherwise shown) and fit fascia out of 200 x 25 and line underside with flat asbestos cement sheets. Fit sheets into groove in fascia and cover with wooden mould or plastic insert mouldings.
- 4.7 Windows To be aluminium to sizes shown on plan and installed to manufacturers' directions.
- 4.8 Insulation Cover exterior walls with heavy grade building papers and interior of exterior walls with 75mm fibreglass batts. Fit 100mm Fibreglass batts to all ceilings.
- 4.9 Linings Interior wall linings generally to be 9.5mm gibraltar board sheets. Sheets to service rooms may be glue fixed. Shower linings to be selected seratone or similar sheets with plastic jointer and corner mouldings. Ceilings to be lined with 10mm Gib. board.
- 4.10 Joinery To be as selected by owner and installed to plan.
- 4.11 Roof Roof to be as selected and installed by builder where possible or by approved agent if required.
- 4.12 Telephone Builder to arrange with Telecom for installation of jack points in required locations and wiring to be run from road to house.
- 4.13 Hardware The P.C. sum as specified shall cover the cost of front and back door locks, interior latches, cupboard handles and catches, window fasteners (except on aluminium windows) drawer handles, sliding door gear. All hardware to be of best quality.

BLOCKLAYER

- 5.1 Workmanship Walls shall be erected true to line and plumb and blocks and bricks shall be free from cracks and chips. All mortar droppings shall be cleared away from the cavity and foundation and off the wall plates and ties by the blocklayer. Build in 8 gauge galv wire ties every third course and not less than 3 to a stud securely stapled to the studs in a rising position and staggered. Vents to be supplied & fitted in bottom courses.
- Mortar. Lay the blocks in a mixture composed of one part cement to four parts sand with 'Mortaflex' gauged and mixed in to instructions or approved freshly made mortar four parts mixed with one part cement immediately before laying.

PLASTERER

- 6.1 Solid Plaster External faces of foundations to be plastered and finished. All surfaces of steps and terraces shall be rendered and straightened with 2½ to 1 sand and cement comp. and finished to a perfectly smooth, straight and even surface while concrete is green with slight grade to outside edges. Form small cove to all angles.
- 6.2. Interior Finishing Point up and flush off all Gibraltar Board linings and ceilings with best quality plaster of paris after all hammerings are completed and finish to a perfectly smooth and even surface ready for wall-papering. Stipple ceilings as required.

DRAINLAYER

- 7.1 General All work to be carried out in accordance with the by-laws of the local authority.
- 7.2 Drainage Excavate and lay all necessary drains from gully traps and W.C.s to the sewer main. All pipes to be first quality 100mm P.V.C. with sound joints and to be laid true to an even fall. All joints to be rubber-ringed and pipes to be wiped clean as the work proceeds. Fill in trenches after inspection. All work to the entire satisfaction of the local sanitary inspector.
- 7.3 Stormwater Pipe all stormwater to soak pits as required in approved P.V.C. piping.

PLUMBER

- 8.1 Materials All materials to be the best and to conform to Health Department and Drainage Board by-laws.
- 8.2 Water Supply Lay on cold supply from H.P. or other main in 12 mm polythene pipe buried not less than 300 mm in ground. Fit approved 12 mm piping inside house to all outlets as indicated and to two exterior stand pipes at front and rear or as directed with hose connections.
- 8.3 Supply tank Fit a 135 litre tank on stand in roof with overflow if required.
- 8.4. Hot Water Cylinder Fit 180 litre electric cylinder to N.Z.S.S. 720 specifications. Also supply and fit 1500w element and thermostat for connection by electrician.
- 8.5 Sink Bench Supply and fit sink bench to requirements.

- 8.6 Laundry Install tub and cabinet and washing - machine taps as required.
- 8.7 Bathroom and Shower Provide fittings as specified and install same with fittings as required.
- 8.8 Taps: Allow the P.C. sum of for the supply only of all taps, mixer valves, etc. and take delivery of and install same.
- 8.9 Permits. Obtain and pay all permit fees necessary and arrange for all inspections.

ELECTRICIAN

- 9.1 Supply Arrange for mains supply to the building by the local authority and carry out all work in accordance with requirements of local authority.
- 9.2 Provide and install meter board and switchboard panel or combined if satisfactory. All switches to be mounted and labelled.
- 9.3 Install wiring to all lights and power points as per plan. Allow to provide and fix 1 T.V. aerial point and tape where directed.
- 9.4 Electric Range Allow the P.C. Sum of for electric range and install same together with range hood as required.
- 9.5 Heating Allow for P.C. Sum of for heaters and install where directed. Also install bathroom heater.
- 9.6 Lights Allow for 100w bulbs in living-rooms and 60w bulbs in other rooms complete with shades and outside lights under eaves where directed.
- 9.7 Water Heater Connect element and thermostat to water cylinder. These supplied by Plumber.

PAINTER & WALLPAPERER

- 10.1 General All materials used must be of the best quality. No painting must be done on damp surfaces and no exterior painting done in damp or frosty weather. All colours shall be selected by the owner.
- 10.2 Exterior Woodwork - Prime, stop and paint in one undercoat and one finish coat with a high gloss finish.
Stained Work - One coat of stain prior to fixing, the nail holes, etc. are to be stopped with coloured stopping followed by one further coat of stain.
Metalwork - including spoutings, downpipes, wrought iron etc. where applicable - approved primer, one undercoat and one finish coat.
Asbestos cement sheets - Two coats of plastic paint.
- 10.3 Interior All ceilings to be given two coats of flat ceiling paint.
All other wall areas to be lined with wall-paper, hung in single lengths, plumb and with butt joints
Ceilings and finishing work in kitchen, shower and bathroom and all cupboards in these rooms including insides of cupboards to be given a sealing coat, one coat of flat and one coat of first quality enamel.

- 10.3 continued All door and wardrobes including inside of wardrobes and cupboards (except where enamelled) to receive a coat of approved sealer, all nail holes to be filled with matching filler and finished with two coats of clear varnish rubbed down lightly between coats. Allow full 24 hours between coats.
- 10.4 Wallpaper All walls to be made free of blemish and sized prior to wallpaper being hung. Walls and ceilings inside wardrobes to be finished as for walls and ceilings or rooms or painted with two coats of PVA paint. P.C. sum of per roll for paper.
- 10.5 All surfaces are to be cleaned of paint or paste and left free of splashes. All offcuts and debris to be removed on completion of contract.

DRAINAGE AND PLUMBING PERMIT APPLICATION

I hereby apply for a permit to install:

DESCRIPTION OF WORK

Plumbing & Drainage

OWNER

Name KJ Norcl storm
Mailing Address 1103 Rd. LEESTON

Telephone No. _____

CRAFTSMAN PLUMBER

Name DT Lunn - full
Mailing Address P.O. Box 189
ashburnton

Telephone No. 454711

PROPERTY ON WHICH WORK WILL BE DONE

Street No. 1a
Street Name Tammy Rd.
Town/District Southbridge

REGISTERED DRAINLAYER

Name as above
Mailing Address _____
Telephone No. _____

LEGAL DESCRIPTION (Details on rate demand)
VALUATION ROLL NUMBER

2417/32/6
Lot 6 D.P. 53262
Section _____ Block I
Survey District Southbridge
C. Title No. _____

ESTIMATED VALUE OF

1. Plumbing Labour	\$ <u>10.00</u>
2. Drainlaying Labour	\$ <u>5.00</u>
3. Plumbing Material	\$ <u>3.500</u>
4. Drainlaying Material	\$ <u>1.000</u>
TOTAL VALUE	\$ <u>6.000</u>

REGIONAL COUNCIL RIGHT TO DISCHARGE NO.

Signature of Applicant:

DT Lunn - full
Name of Applicant: Donald Francis Summerfield
Mailing Address: P.O. Box 189
ashburnton
Phone No. 454711

FEES (Including G.S.T.)

(Assessed on Labour content only - Refer 1&2 above)

1. Plumbing Labour Value	\$ _____
2. Drainlaying Labour Value	\$ _____
TOTAL	\$ _____
@ First \$400 Value	= \$ 50.00
Plus \$2.50 per \$100 value or part thereof over \$400	= \$ _____
Road opening fee \$50/4m	= \$ _____
TOTAL FEES	\$ _____

Receipt No. 26509 Date: 23.3.90

Permit No 3594 2.5.90

PLEASE NOTE:

Where a re-inspection is required a fee of \$50 will be charged.

In any dispute the Engineer shall determine the value of the work in accordance with Regulation 87 (7) of the Drainage and Plumbing Regulations 1978.

SHEET A
(CIRCLE whichever is applicable)

NAME: K.J. Nordstrom

ADDRESS: Taumutu Rd., SOUTHBRIDGE

STOREY: Single or Uppermost
Lower of two or middle of three
Lower of three

ROOF TYPE: Light / Heavy

ROOF PITCH: 0° - 25° / 26° - 45°

WIND AREA: High / Medium / Low

$\frac{12}{16}$ Walong = 28 B.U.'s/m

EARTHQUAKE ZONE: A / B / C

$\frac{12}{16}$ Wacross = 33

E = 2 B.U.'s/m²

ROOF OR BUILDING LENGTH

BL = 11.65 m

ROOF OR BUILDING WIDTH

BW = 11.55 m

GROSS ROOF OR BUILDING PLAN AREA

GPA = 161.3 m²

EARTHQUAKE: B.U.'s ALONG AND ACROSS

E x GPA = 2 x 161.3 = 323 B.U.'s

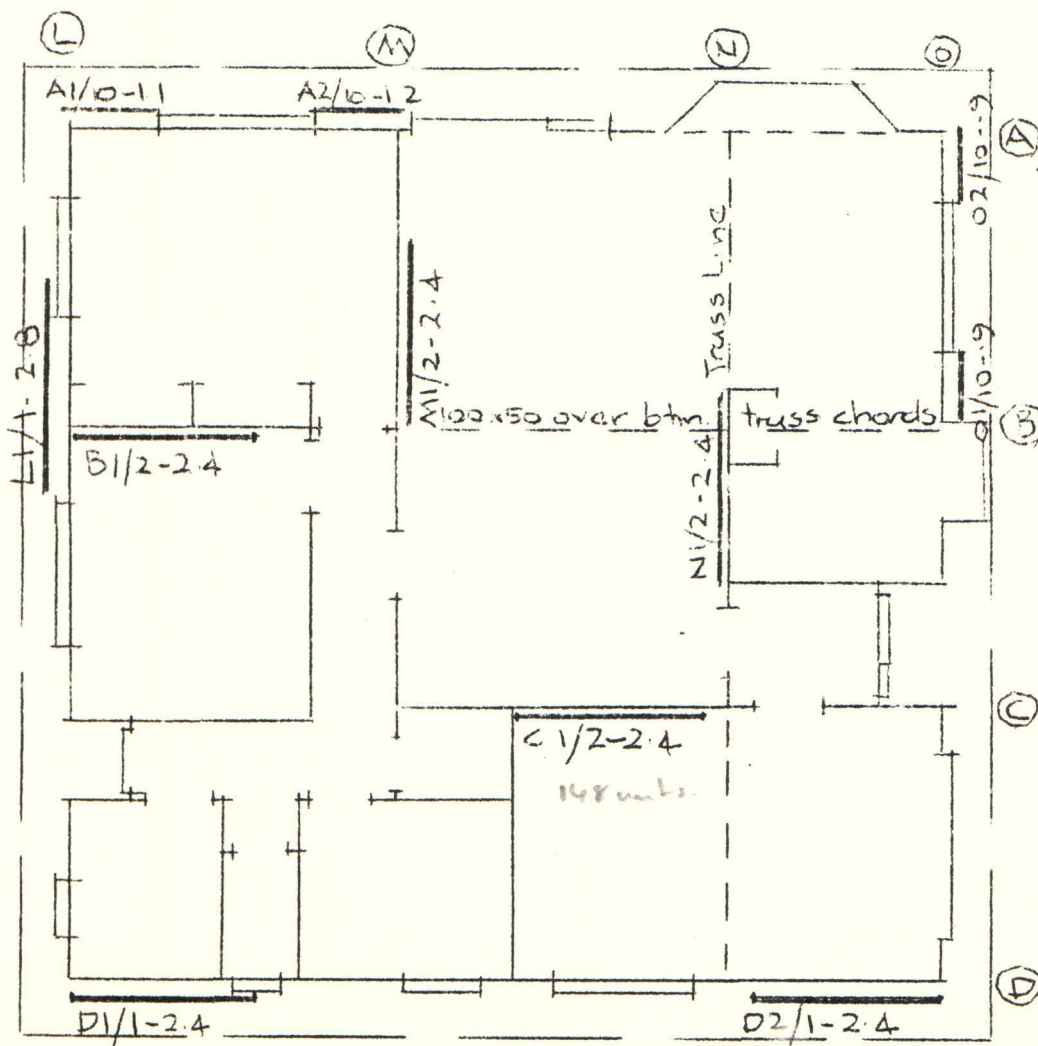
WIND: B.U.'s ALONG

W x BW = 28 x 11.55 = 323.4 B.U.'s

WIND: B.U.'s ACROSS

W x BL = 33 x 11.65 = 384.5 B.U.'s

SKETCH PLAN (external and internal walls) : A1/10-1. means: Label A, Label No.1, Type 10, Length 1. (See Sheet B & Table 20, N.Z.S. 3604)



SHEET B

1 Total B.U.'s Required	2 Wall Line	3 Minimum B.U.'s Required	4 Label No.	5 Type	6 Rating B.U.'s/m	7 Length (m)	8 B.U.'s Provided		
ALONG	A		1	10	83	1.2	99.6		
			2	10	83	1.1	91.3		
		117	Sub-total					190.9	
	B		1	2	62	2.4	148.8		
		70	Sub-total					148.8	
	C		1	2	62	2.4	148.8		
		70	Sub-total					148.8	
	D		1	1	42	2.4	100.8		
			2	1	42	2.4	100.8		
		117	Sub-total					201.6	
	323.4	TOTAL	374	TOTAL			690.1		
	ACROSS	L		1	1	42	2.8	117.6	
116			Sub-total					117.6	
M			1	2	62	2.4	148.8		
		70	Sub-total					148.8	
N			1	2	62	2.4	148.8		
		70	Sub-total					148.8	
O			1	10	83	.9	74.7		
			2	10	83	.9	74.7		
		116	Sub-total					149.4	
P									
			Sub-total						
384.5	TOTAL	372	TOTAL			564.6			

