

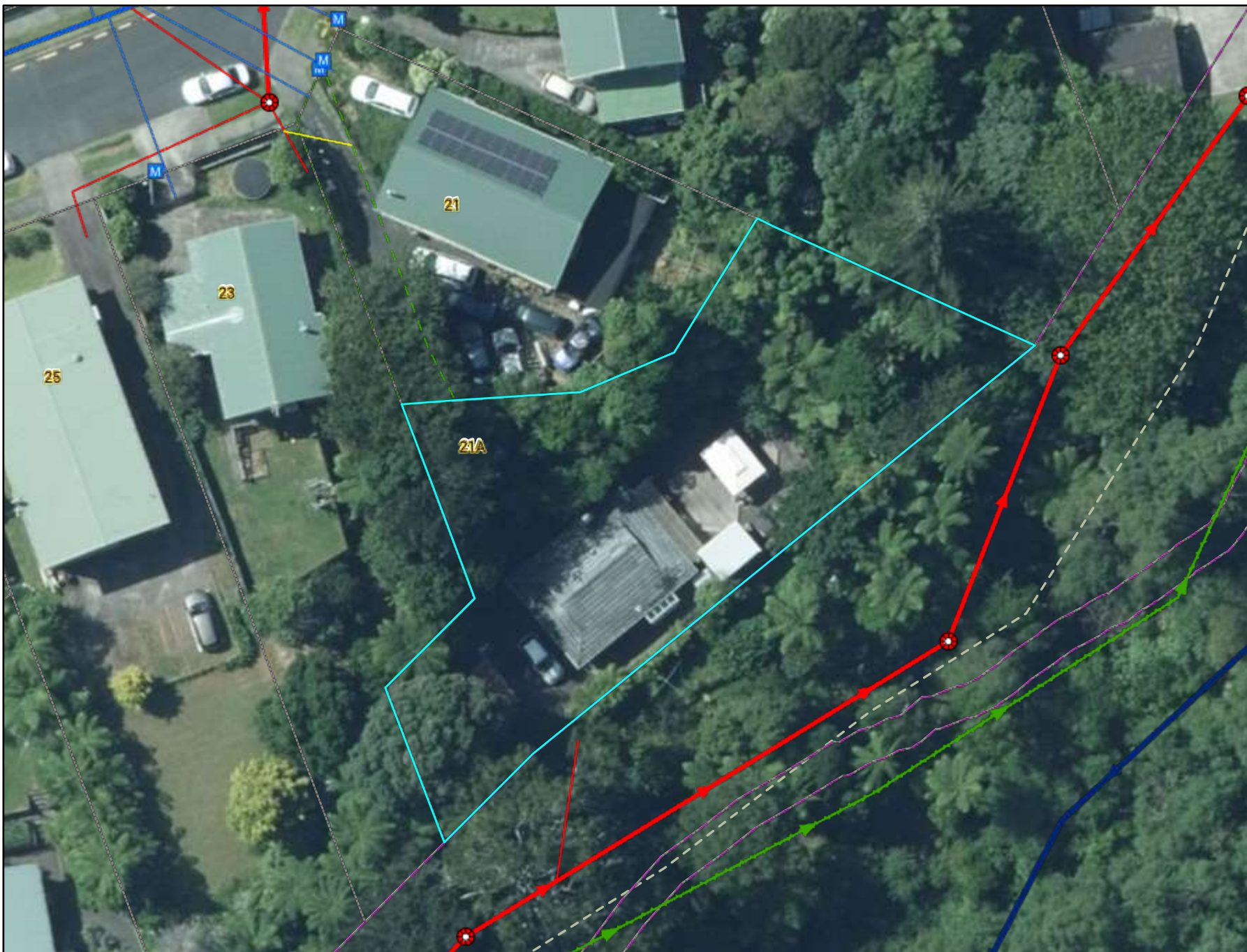
move.

council records

21a carlton terrace
westown

Statement of Passing Over:

This information has been supplied by the vendor or the vendor's agents and move (powered by ownly Ltd licensed REAA 208) is merely passing over this information as supplied to us. We cannot guarantee its accuracy as we have not checked, audited, or reviewed the information and all intending purchasers are advised to conduct their own due diligence investigation into this information. Where you have been supplied with a Council Property File or a LIM Report, please note there may be matters relating to pre-1992 consents or permits in this file which may need further investigation in order to determine their relevance. To the maximum extent permitted by law we do not accept any responsibility to any party for the accuracy or use of the information herein.



- ### Legend
- Natural Source
 - Treatment Plant
 - Pumpstation
 - Storage Unit
 - Hydrant
 - Manhole
 - Alert Valve
 - Air Valve
 - Non-Return Valve
 - Standard Valve
 - Air Release Valve
 - Manifold Valve
 - Backflow
 - Meter
 - Wellup
 - Inlet
 - Outlet
 - End Point
 - Node
 - Misc Point
 - Trunk
 - Rise
 - Main
 - Lateral
 - Open Drain
 - Stream
 - Misc Polygon

Yellow = Privately Owned

Grey = Out of Service/Closed

Stormwater

Water Supply

Wastewater



Te Kaunihera-ā-Rohe o Ngāmotu
**New Plymouth
District Council**



1:388
A4

Staff Atlas Print



Date: 28/09/2026

Author: NPDC

COPYRIGHT: Cadastral information sourced from Land Information New Zealand data. Crown Copyright Reserved.

DISCLAIMER: NPDC assumes no responsibility or liability for the completeness or accuracy of the data displayed on this plot. To be used for indicative purposes only

MAP PROJECTION:
New Zealand Transverse Mercator

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 5 93

Project: GARAGE	Check Sheet No. 8964
Owner: E. R. T. A. WYND	Sewer Sheet No. 241
Address: 21 CARLTON TERRACE	Zone: R1
Lot No. 3	Area of Site: 18.12.6p.
D.P. 9907	Sec. No.

TOWN PLANNING

Designations	☒
Area of Buildings 29.772 m ²	☒
Coverage	☒
Maximum Height	☐
Front Yard	☐
Relat. of Bldg. Size: (1) Rear Yard	☒
(2) Side Yard	☐
Open Space	☐
Imposed 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:

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 \$ _____

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. ☐ Copper ☐ Gal. Iron ☐			
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 \$ *N/A* :

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved _____
Not Approved _____

Approved _____
Not Approved _____

Approved *FC* _____
Not Approved _____

Approved *FC* _____
Not Approved _____

Approved *FC* _____
Not Approved _____

E : HEALTH & BY-LAWS

98/21

Areas _____

Light _____

Ventilation _____

Remarks: _____

Approved _____

Not Approved _____

F : DANGEROUS GOODS

Domestic or Commercial _____

Storage Capacity & Location _____

Licence Required _____ Yes/No

Approved _____

Not Approved _____

G : BUILDING

Remarks: STRUCTURAL CHECK REQ'D ASW

FEES:

Bldg. 2005-00 10.00

Water Bldg. _____

B.R.L. _____

TOTAL \$ 10.00

Building Inspector _____

Approved _____

Not Approved _____

Specification: _____

Structural Engineer _____

Approved _____

Not Approved _____

Fire Service _____

Recommended _____

Not Recommended _____

PERMIT NO. 82556

APPROVING ENGINEER

Approved _____

Not Approved _____

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 5 83

Check Sheet No. 8964

Receipt No. 2096

Sewer Sheet No. 241

Date of Receipt 3.6.76

Zone. Res R1

TO THE CITY ENGINEER

APPLICATION FOR BUILDING PERMIT

26 MAY

At (House No.) 21 CARLTON Tce

Date

For erection of Garage

Lot No. 3

OWNER E.R. & P.A. WYND

D.P. 990

Proposed Use Garage

Sec. No.

ADDRESS 21 CARLTON Tce

Foundation Concrete

AREA of Site

Walls Timber

Roof Particle Board
Butt Joint

AREA of existing buildings

AREA of existing accessory buildings

1,100 sq ft M² 13.790x

AREA of Building in application

M²

Builder Self

3.960 x 7.520 M²

Designer Peter Wills

29.779 m²

Address

Structural Eng.

Address

ST. AUG. AVE

Building Projects Authority Required

Q 9797

Yes/No

Supplied

Yes/No

Total Value of Building

\$ 2000.

Sanitary Plumbing and Drainage

\$ -

Value of Building for Permit

\$ -

Water for Building

-

Building Research Levy on

\$

tings

Mths @

FOR OFFICE USE
Corrected Value

TOTAL FEES BUILDING

ite

Finishing Date

ADDRESS OF APPLICANT E.R. WYND

21 CARLTON

NEW PLYMOUTH

Phone 33

Signature of Applicant E.R.

Signature of Owner E.R.

98121

NEW PLYMOUTH CITY COUNCIL —CITY ENGINEER'S DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No:.....

I wish to apply for permission to carry out the work described in the plans and specifications deposited here

House No. 21 Street Carlton Tce Lot No. D.P.

OWNER E.R. & P.A. Wynd Area of Site.....

ADDRESS AS ABOVE Signature of Applicant.....

Proposed Use Garage Signature of Owner P.A. Wynd

VEHICULAR CROSSING

When Required

Proposed Existing M Position.....

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary.....

No. Units served.....

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary..... Depth of sewer req'd.....

Common Drain..... Yes / No

Stormwater Disposal (specify).....

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer.....

Value of Proposed Work Plumbing

Drainage

Water Supply Materials..... P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify).....

FOR OFFICE USE

File No. Rec. No. 2096 Check Sht. No. 8969 FEES

Date 26 MAY Zone Res R.1 Sewer Sht. No. 241 Water

P & I

Veh.

98/21 9/68/72

NEW PLYMOUTH CITY COUNCIL

FOR OFFICE USE: File No. 7 113 Check Sheet No. 5429
 Receipt No. 7389 Sewer Sheet No. 241
 Date of Receipt 30/7/73 Zone Residential

To the City Engineer Date _____
APPLICATION FOR BUILDING PERMIT and / or services Lot No. 3
 At (House No.) 21 Barbican Lane D.P. 9907
 For erection of Turning Carport into Study & Sewing Rm Sec. No. _____
 OWNER E. R. Wignall ADDRESS _____
 Proposed use As Above
 Foundation Concrete Walls Timber & Gable End Roof _____

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application As Proposed sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.)	\$ 500 . 00	\$ 3 . 00
Sanitary plumbing and drainage	\$ -	\$ -
STORMWATER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
SEWER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
WATER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
WATER (Building)	-	\$ -
VEHICLE CROSSING: When required	-	\$ -
Distance from left boundary	-	\$ -
Type of footpath	-	\$ -
Type of crossing	-	\$ -
Removal of existing crossing	-	\$ -
DEPOSIT FOR DAMAGE TO FOOTPATH	-	\$ -
HOARDINGS months	-	\$ -
INSPECTION of second-hand building or materials	-	\$ -
BUILDING RESEARCH LEVY	-	\$ -
BUILDER <u>Self</u>	-	\$ 3 . 00

Starting date ASAP Finishing date ASAP
 NAME AND ADDRESS OF APPLICANT As Above
6 Gladstone Rd Phone _____
 Signature of Applicant E. R. Wignall

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber _____
 Signature of Registered Drainlayer _____

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - \$ -
 DRAINAGE - - \$ -
 \$ -

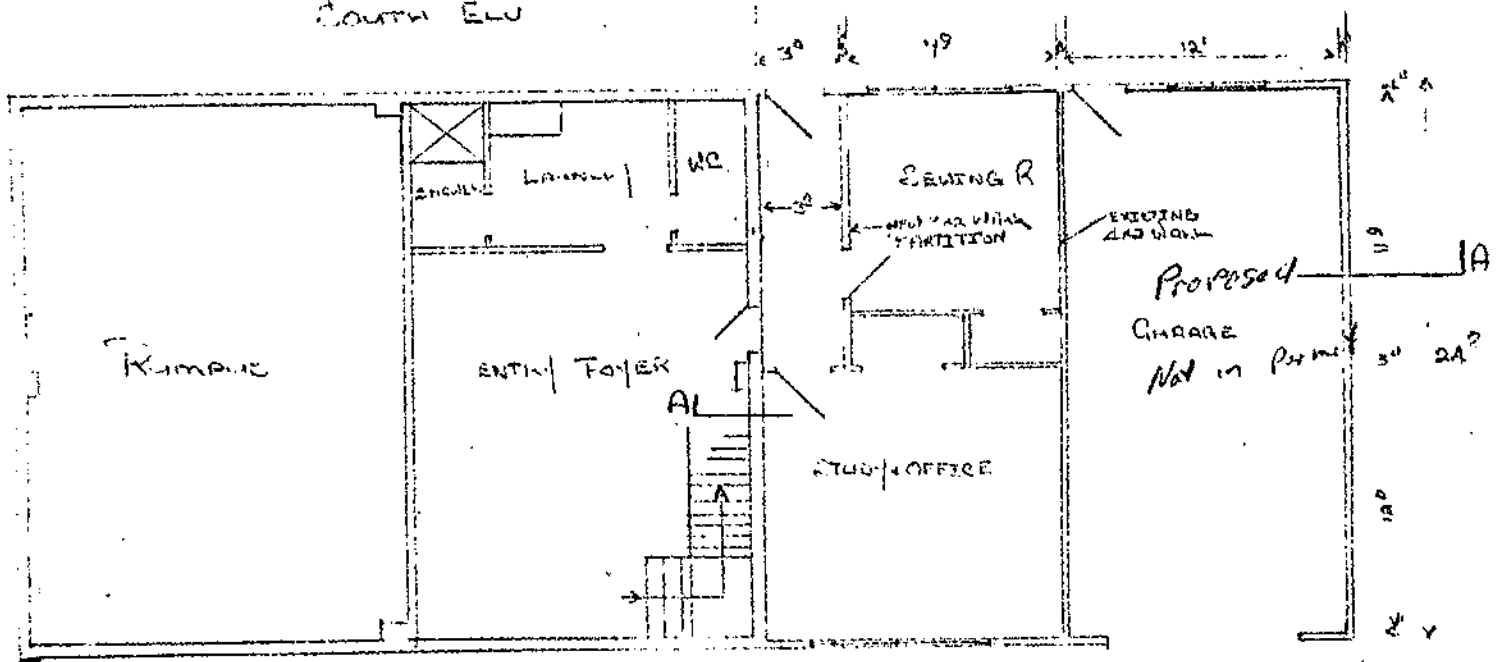
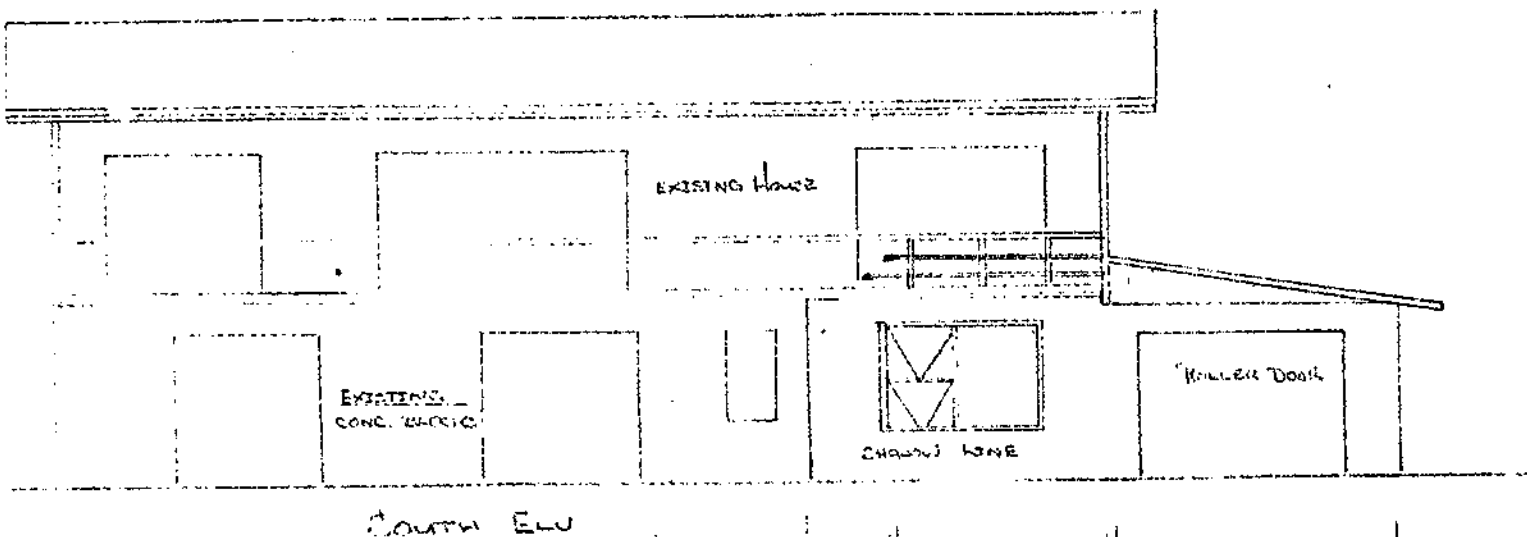
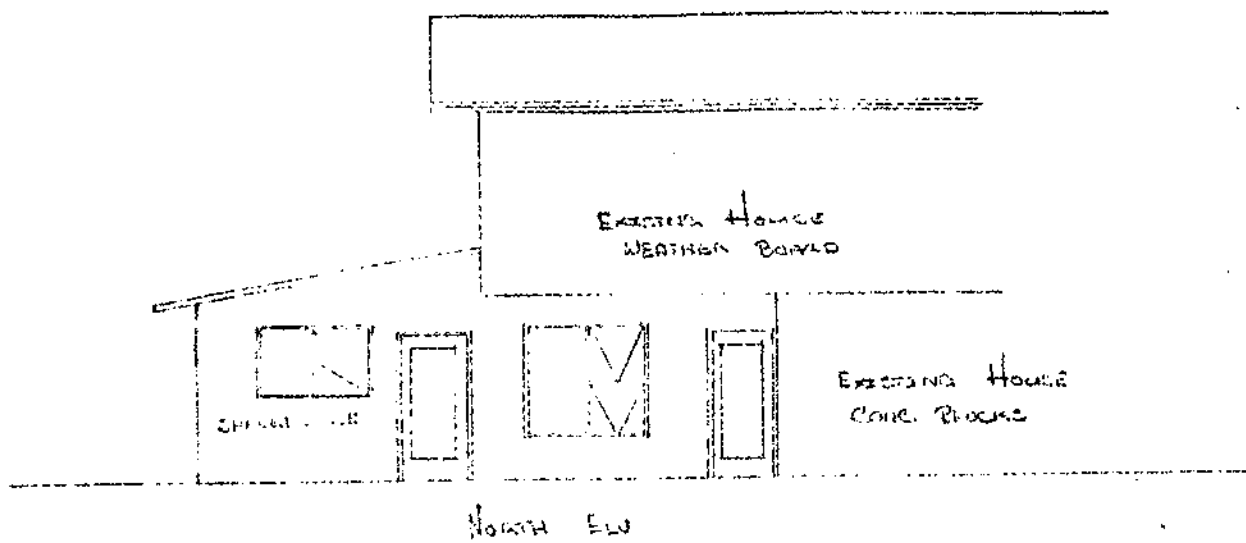
New Plymouth

As per plan

98/21

31 Carter Ave
New Plymouth

7 113



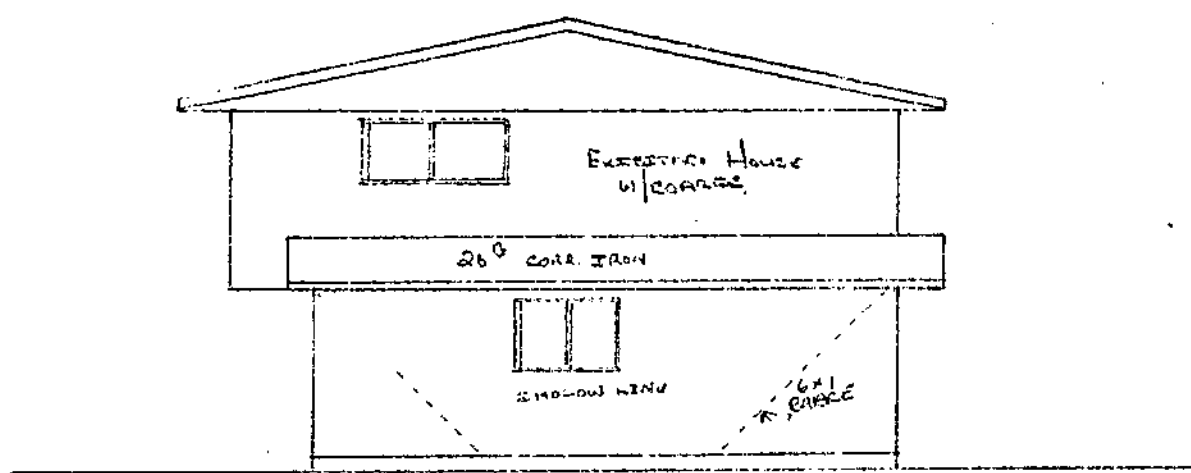
Scale 1/8" = 1'-0"

PLAN AND SPECIFICATIONS
APPROVED

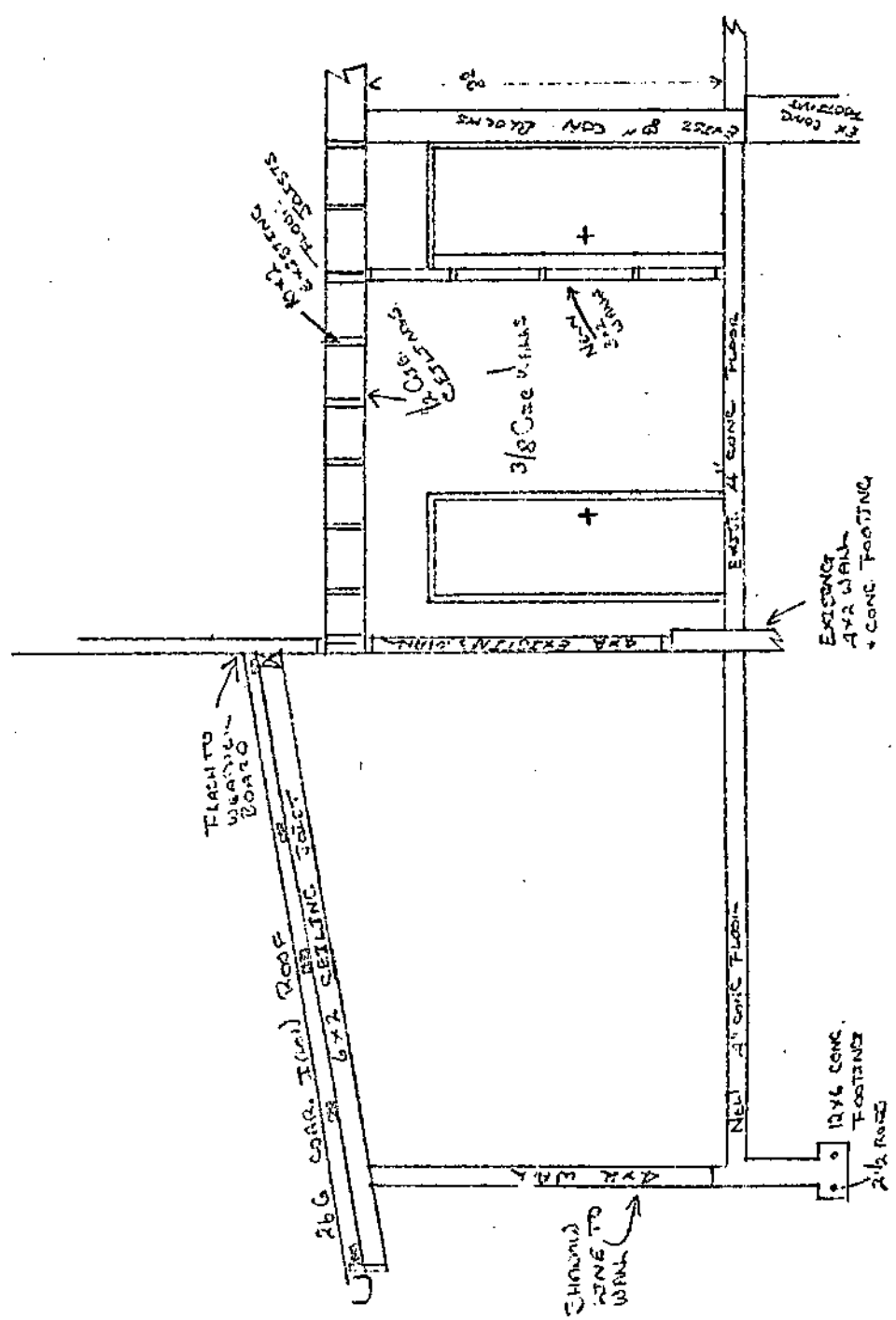
H.P. Adams
BUILDING P.E.

Date 3/17/73

98/21



East Elev



Elev. A.A

98724

Lot 03 D.P. 9907 Sec. 981

BUILDING PLANS REGISTER
 Date

Date _____
 File No. _____
 Receipt No. _____
 Special requirements _____

21-9-72
 9/68/72
 H918

Remarks & Inspections
second floor
first floor

[illegible]

NEW PLYMOUTH CITY COUNCIL
CITY ENGINEERS DEPARTMENT
WATER CO.

98/21
No 427

Name of Project

Address

Purpose of Supply

Fire

New Subdivision

Distance, Building to Main

REMARKS

Altitude of Building
(City Datum)

ESTIMATED COST

ESTIMATED
service existing
N.Y.

Mr. Lee

This estimate submitted.

Masterprint 21:93

This estimate is NOT a quotation and is subject to amendment when final plan submitted.

Microprint 21293

10-2-67

NEW PLYMOUTH CITY COUNCIL

98121 X

FOR OFFICE USE: File No. 9 33 Check Sheet No. 4407
 Receipt No. 4913 Sewer Sheet No. 221
 Date of Receipt 15/7/72 Zone Reside. 1st

To the City Engineer Date 15-9-72
APPLICATION FOR BUILDING PERMIT and/or services Lot No. 3
 At (House No.) 1000 7th Ave D.P. 9907
 For erection of Dwelling Sec. No.
 OWNER Mr. E. Wynne ADDRESS 1000 7th Ave
 Proposed use Private
 Foundation concrete Walls weathered Roof iron

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application - - 1150 sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.) - - -	\$ <u>13,000.00</u>	\$ <u>44.00</u>
Sanitary plumbing and drainage - - -	\$ <u>1,000.00</u>	\$ <u>8.00</u>
STORMWATER CONNECTION: Distance from left boundary - - -	<u>14.000</u>	
Depth and size of service - - -		\$
SEWER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER (Building) - - -		\$ <u>1.00</u>
VEHICLE CROSSING: When required - - -	<u>To be notified</u>	
Distance from left boundary - - -	<u>to be marked</u>	
Type of footpath - - -		\$ <u>40.00</u>
Type of crossing - - -	<u>10' Dish</u>	\$
Removal of existing crossing - - -		\$
DEPOSIT FOR DAMAGE TO FOOTPATH - - -		\$ <u>30.00</u>
HOARDINGS - - - months - - -		\$
INSPECTION of second-hand building or materials		\$
BUILDING RESEARCH LEVY - - -		\$ <u>7.00</u>
BUILDER <u>R. W. Wood Pty.</u>		\$ <u>130.00</u>

Starting date Oct 72 Finishing date Jan 73
 NAME AND ADDRESS OF APPLICANT R. W. Wood Pty.
70 Euclid St N.P. Phone 34376
 Signature of Applicant R. W. Wood

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber 15th Spence
 Signature of Registered Drainlayer 15th Spence

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - - \$ 850
 DRAINAGE - - - \$ 150
\$ 1000.00

R.W. Wood Ltd.

Registered Builders

PHONE 34376

7A EUCLID ST.,
NEW PLYMOUTH.

98/21
9 88

~~SEPTEMBER 1970.~~ Feb 1972

SPECIFICATION

OF PROPOSED RESIDENCE

AT: **Carlton Terrace**

FOR: **Mr E. WYNDE.**

GENERAL CONDITIONS:

THE WHOLE OF THE LABOUR, PLANT AND MATERIALS, EXCEPT WHERE OTHERWISE HEREIN STATED, REQUIRED FOR THE COMPLETION OF THE WORK AS HEREIN SPECIFIED AND AS SHOWN ON THE ACCOMPANYING PLAN TO BE PROVIDED BY THE CONTRACTOR, AND THE WORK TO BE COMPLETED TO THE SATISFACTION OF THE OWNER. AT THE COMPLETION, THE CONTRACTOR IS TO REMOVE ALL RUBBISH ACCRUING FROM THE WORK, CLEAN FLOORS AND WINDOWS, LEAVING THE PREMISES READY FOR OCCUPATION.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, GIVE DUE NOTICE TO LOCAL AUTHORITIES, AND COMPLY WITH LOCAL BY-LAWS. ALL WORKMEN ENGAGED BY THE CONTRACTOR ON THE WORKS TO BE INSURED AGAINST ACCIDENT. A BUILDERS' RISK POLICY AGAINST THE LOSS BY FIRE IS TO BE OBTAINED BY THE CONTRACTOR WHEN THE ROOF IS ON THE BUILDING AND IS TO OPERATE UNTIL HANDED OVER TO THE OWNER.

PAYMENTS SHALL BE 90% OF THE VALUE OF WORK COMPLETED AND MATERIALS ON THE SITE AT THE END OF EACH MONTH. 5% TO BE PAID ONE MONTH AFTER COMPLETION AND THE REMAINING 5% TO BE PAID 3 MONTHS AFTER COMPLETION, WHEN THE MAINTENANCE PERIOD EXPIRES.

EXCAVATOR:

CLEAR ALL GRASS AND VEGETATION FROM THE SITE OF BUILDING, AND CLEAR AWAY ALL TIMBER CUTTINGS, ETC. UNDER FLOORS WHILE WORK IS BEING CARRIED OUT.

EXCAVATE FOR ALL WOOL FOOTINGS, AND PILES, SO AS TO GIVE A SOLID BEARING TO DEPTHS REQUIRED. FILL IN AROUND PILES AND FOUNDATIONS AFTER CONCRETE WORKS ARE IN POSITION AND REMOVE SURPLUS SOIL.

CONCRETOR:

ALL CONCRETE TO BE COMPOSED OF SIX PARTS BY MEASURE OF CLEAN CRUSHED RIVER SHINGLES NOT LARGER THAN $\frac{3}{4}$ " GAUGE TO ONE PART OF PORTLAND CEMENT, AND TO BE THOROUGHLY MIXED WITH SUFFICIENT WATER IN MECHANICAL MIXER AND PLACED IN ITS RESPECTIVE POSITION WHILE FRESH.

~~CHIMNEY FOUNDATION AND EXTERNAL WALLS, WHERE SHOWN, TO BE 6" THICK ON 12" x 6" FOOTINGS. REINFORCE WITH TWO $\frac{1}{2}$ " RODS IN FOOTING AND ONE $\frac{3}{8}$ " ROD IN TOP. WALLS OVER 3' HIGH REINFORCED WITH $\frac{3}{8}$ " RODS AT 15" CENTRES BOTH WAYS. PILES TO BE 8" x 8" PRE-CAST CONCRETE SET ON 12" x 12" x 6" CONCRETE FOOTINGS ON ROWS TO SOFT SLEEPERS AND NOT MORE THAN 4'6" APART.~~ as detailed

CARPENTER & JOINER:

ALL TIMBER TO BE THE BEST OF ITS SEVERAL CLASSES AND KINDS, AND TO BE THE QUALITY AND SIZES ACCORDING TO SCHEDULE. ALL EXPOSED EXTERNAL AND INTERNAL TIMBERS TO BE WELL SEASONED. EXTERNAL MACHINE DRESSED AND INTERNAL MACHINE DRESSED AND WELL SAND-PAPERED. PAINTER TO PRIME ALL EXTERNAL TIMBERS BEFORE THEY ARE FIXED.

(2)

SCHEDULE OF TIMBERS:

SLEEPERS		4 x 3	BORIC PINE
FLOOR JOISTS	12 x 2	10 x 2	" "
PLATES	3 x 2	4 x 2	GAUGED BOTH WAY. BORIC PINE.
STUDS	3 x 2	4 x 2	GAUGED. BORIC PINE.
C. JOISTS		4 x 2	GAUGED. " "
RAFTERS		4 x 2	" " "
RUNNERS	TO SUIT SPAN	"	" " "
TRIMMERS		8 x 2	" " "
DWANGS	4 x 2	3 x 2	" " "
PURLINS		3 x 2	BORIC PINE
BRACES		6 x 1	" "
RIDGES & HIPS		8 x 1	" "
FASCIA BOARD & BARGES		6 x 1	TANALISED MATAI OR HT.
WEATHER BOARD		6 x 1	" " "
FLOORING			3/4" PARTICLE BOARD

STUDS TO BE NOT MORE THAN 20" CENTRES. RAFTERS 36" CENTRES. PURLINS 30" CENTRES. FIX THREE ROWS OF DWANGS TO ALL PARTITIONS. FIX 4 X 2 UNDER PURLINS STRUTTED OFF PARTITIONS, WITH 4 X 2 WHERE POSSIBLE. STUD HEIGHT 8 FT.

FORM BOXED EAVES AS INDICATED WITH 3/16" ASBESTOS LINING. LINE PORCHES AND GABLE ENDS WITH 1/4" ~~COVERING~~ High line.

INTERNALFLOORING:

AS SCHEDULED. ALL FLOORS TO BE PUNCHED AND SANDED ON COMPLETION. FLOORING MAY BE LAID PRIOR TO FRAMING IF SEALED OFF IMMEDIATELY AFTER LAYING WITH A SUITABLE SEALER.

LININGS:

~~ALL WALLS~~ ^{+ Ceilings} TO BE LINED WITH 3/8" GIBRALTOR BOARD.

SHOWER CUBICLE, LAMIWALL UP TO 7 FT. HIGH.

~~CEILING TO BE 1/2" PINEX SOFT BOARD VELD.~~

INTERNAL FINISHINGS:

O.B. RIMU SKIRTING AND ARCHITRAVES 3 x 1/2 SINGLE BULL NOSE. SCOTIA 1 1/2" BEVELLED CORNICE MOULD.

DOORS:

BACK DOOR - 6'6" x 2'8" 4-PANEL OBSCURE GLASS.

~~FRONT DOOR - 6'6" x 2'10" SINGLE PANEL OBSCURE GLASS~~

INTERIOR DOORS - O.B. RIMU FLUSH.

BEDROOMS, LOUNGE, KITCHEN AND WASH-HOUSE - 6'6" x 2'8".

BATHROOM - 6'6" x 2'6".

TOILET - 6'6" x 2'4".

Wardrobes 6'0" high Nu-look gib panel with
ALL OTHER MAIN CUPBOARDS ~~AND WARDROBES~~ - 6'0" x 2'0". ^{over doors.}

SHOWER - NO DOOR - PLAIN JAMBS ONLY.

BASEMENT DOORS - Nil

~~DOORS BETWEEN LOUNGE AND DINING ROOM - 6'6" x 2'6" SINGLE PANEL OBSCURE GLASS.~~

WINDOWS:

NU-LOOK ANODISED ALUMINIUM, AS INDICATED ON PLAN.

INTERNAL FITTINGS:

AS DETAILED. ALLOW THE P.C. SUM OF \$300.00 FOR THE SUPPLY OF ALL INTERIOR CUPBOARDS ETC.

HARDWARE:

ALLOW THE P.C. SUM OF \$80 FOR THE COST OF ALL HARDWARE EXCLUDING BUTTS AND SLIDING DOOR SETS. BUTTS ON EXTERNAL DOORS TO BE GALVANISED. ELSEWHERE A.C.

ROOF:

26 GAUGE GALVANISED IRON. RIDGING 26 GAUGE GALVANISED. FINISH GABLE ENDS WITH 26 GAUGE BARGE MOULD. LAY NETTING AND BUILDING PAPER UNDER IRON.

EXTERNAL PLASTERER: Nil

~~THE EXPOSED PORTIONS OF STEPS, AND TERRACE FLOORS, TO BE FINISHED IN CEMENT PLASTER AT LEAST 1" THICK. FINISH WITH TRUE AND EVEN SURFACES. RIVETTED AND SPONGED.~~

BRICKLAYER:

~~Western wall only to be sheathed in Fifth Suna Stone laid to N. 2. S. S. 90°.~~

PLUMBER:SPOUTING AND DOWNPIPES:

24 GAUGE GALVANISED SPOUTING WITH 2 DOWNPIPES ~~AND~~ SOAK HOLES ^{by Owner}

HEAD FLASHINGS TO DOOR FRAMES ONLY.

~~SUPPLY AND~~ FIX ONE 30-GALLON HOT WATER CYLINDER. ^{Supplied by Builder}

FIT COPPER OR PLASTIC SUPPLY TANK. ALL PIPING TO BE COPPER OR PLASTIC. HOT WATER PIPES TO BE LAGGED.

FLASH GABLE ROOF WITH 24 GAUGE GALVANISED IRON TO MAKE COMPLETELY WATER-TIGHT. VALLEY 24 GAUGE GALVANISED IRON.

SINK BENCH:

^{Stainless Steel}
6 FT. ~~FORMICA~~ SUPPLIED BY BUILDER.

SHOWER:

3 FT. X 2'6" STAINLESS STEEL. ^{supplied by builder}

BATH:

5'0" PRESSED STEEL.

BASIN:

22" X 16" PORCELAIN.

TUB:

SINGLE ~~CONCRETE~~. ^{S. Steel supplied by builder.}

LAVATORY:

WHITE CHINA W.C. DOUBLE-FLAP ^{plastic} ~~WOODEN~~ SEAT, LOW DOWN LINED FLUSHING CISTERN.

PROVIDE 2 OUTSIDE HOSE TAPS. ALL OTHER TAPS TO BE CHROME.

~~omit shower & w.c. in basement.~~

~~Make provision to connect up at later date.~~

DRAINLAYER:

LAY 4" FIRST QUALITY GLAZED EARTHENWARE SOCKETED PIPES TO TAKE ALL SEWER AND WASTE WATER FROM FITTINGS LAID TO FALLS NOT LESS THAN 1 IN 40. DRAINS SHALL BE LEFT OPEN UNTIL TESTED AND APPROVED BY THE LOCAL SANITARY INSPECTOR.

ELECTRICIAN:

WIRE FOR AND INSTALL 16 LIGHT POINTS AND 7 HEATING POINTS, WHERE DIRECTED BY OWNER. ONE AERIAL AND EARTH AND T.V. POINT. SUPPLY ONE 1,000 WATT ELEMENT FOR HOT WATER CYLINDER. RANGE P.C. \$160. MAINS TO HOUSE TO BE UNDERGROUND.

(4)

98/21

PAINTER AND PAPERHANGER: by Owner.

EXTERNAL:

THE WHOLE OF THE EXTERNAL WOODWORK OF BUILDING TO RECEIVE ONE COAT OF RED LEAD AND OIL PAINT, FOLLOWED BY 2 COATS OF LEAD AND OIL PAINT OF AN APPROVED KIND.

EXTERNAL:

ALL NAIL HOLES AND DEFECTS IN WOODWORK TO BE STOPPED WITH LINSEED OIL PUTTY.

PRIME LAPS OF IRON.

INTERNAL:

CEILINGS TO RECEIVE 2 COATS OF MONOCOAT.
BATHROOM, WASH-HOUSE, W.C. AND KITCHEN WALLS TO BE ENAMELLED 3 COATS.
ALL WINDOW, EXTERNAL DOORS AND FRAMES PAINTED 3 COATS.
KITCHEN CUPBOARDS AND FITTINGS NOT TO BE PAINTED INSIDE.
INTERNAL DOORS, JAMBS, ARCHITRAVES AND SKIRTINGS TO BE VARNISHED.
ALL GIBRALTAR BOARD WALLS TO BE WALL-PAPERED, WALLPAPER £1.50 PER ROLL.

Allow \$700 for this work

ADDENDA:

Concrete floor - pour concrete floor in entry
& laundry area only approx 24'0" x 14'7"

Omit laundry & w.c. partitions

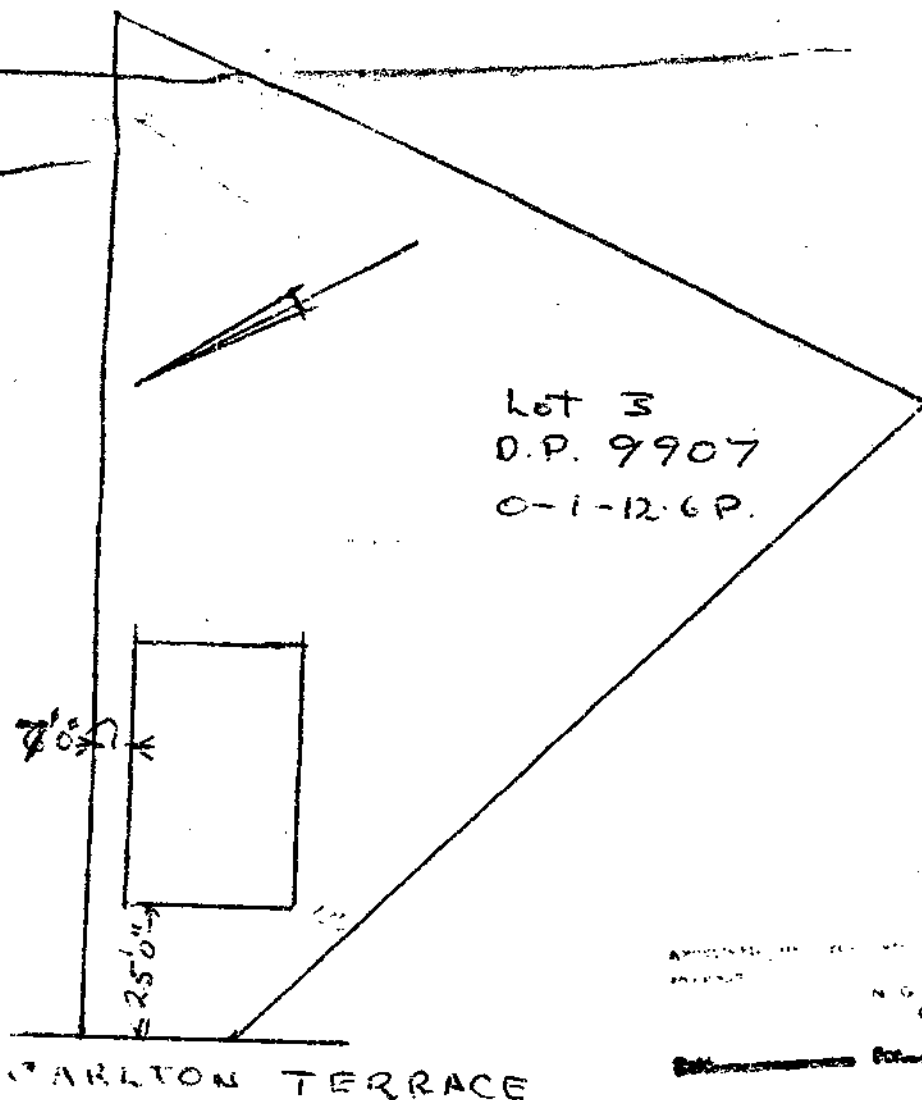
All basement area & stairwell unlined -
to be lined by owner at a later date.

Fit wooden handrail to balcony &
exterior stairs

98/21

6-11-72

AMENDED SITE PLAN.
Residence for Mr. E. WYNDE
21 CARLTON TERRACE



APPROVED BY THE CITY ENGINEER
PROJECT N. G. JONES
City Engineer

~~Signature~~ ~~Signature~~

98/2

NEW PLYMOUTH CITY COUNCIL

-9 JUN 1976 6 24

KITCHEN DETAILS 1-20

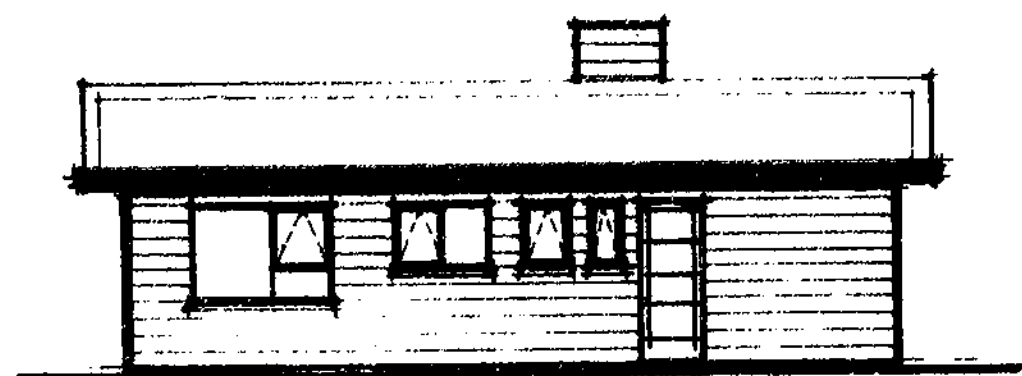
PLANS AND SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, CONSTRUCTION AND CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACTS, REGULATIONS AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL

TOWN PLANNING ASD 18.6.76
PUBLIC HEALTH ASD 22.6.76
BUILDING ASD 22.6.76
ENGINEER ASD 22.6.76

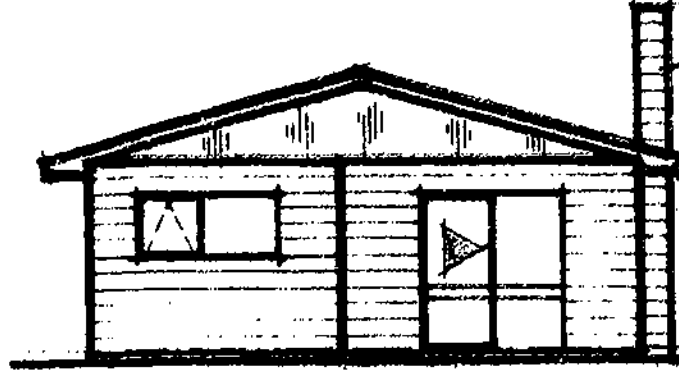
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH CITY COUNCIL AND ARE TO BE KEPT ON SITE.

VERIFYING TO BE COMPLETED BY 28.6.76

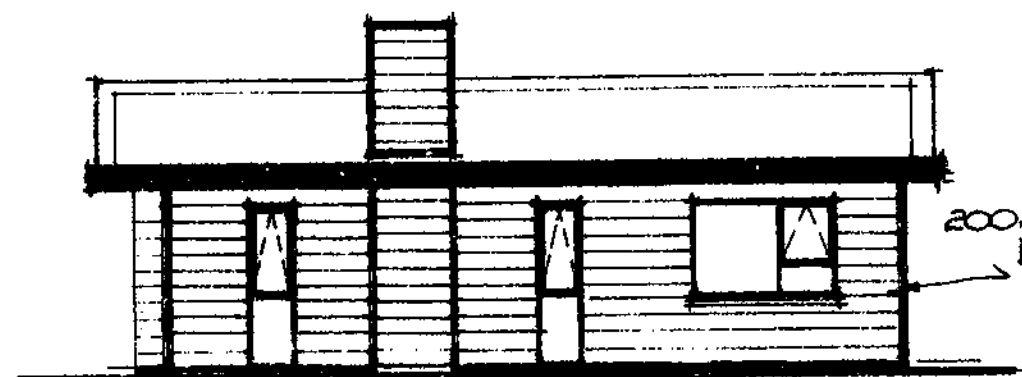
NORTH



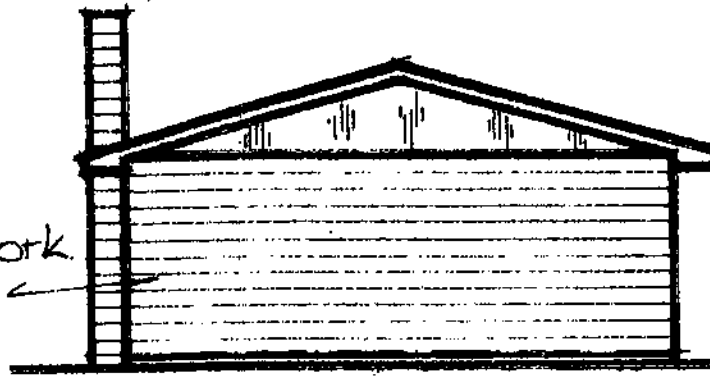
eastern elevation 1-100



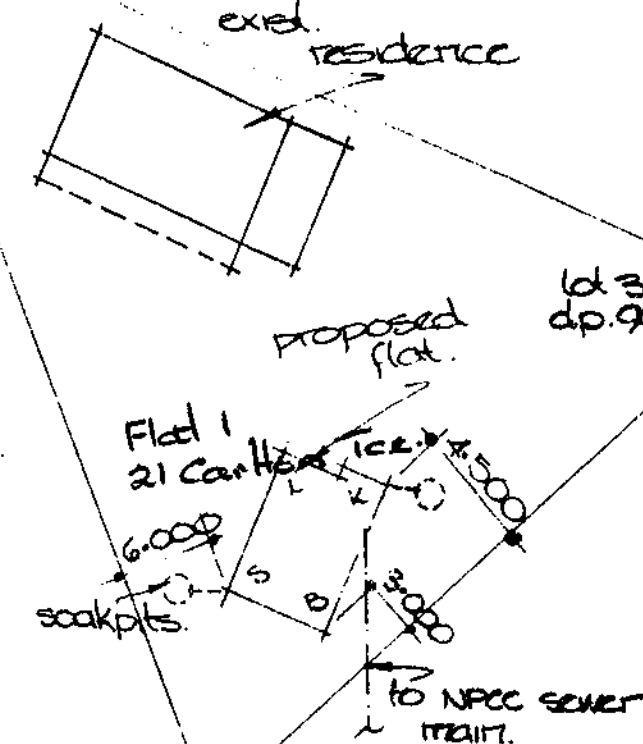
northern elevation 1-100



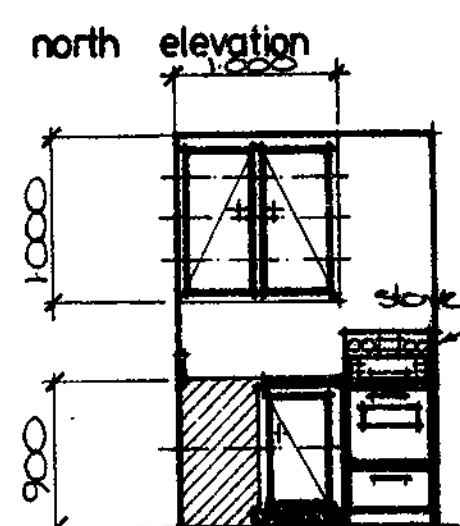
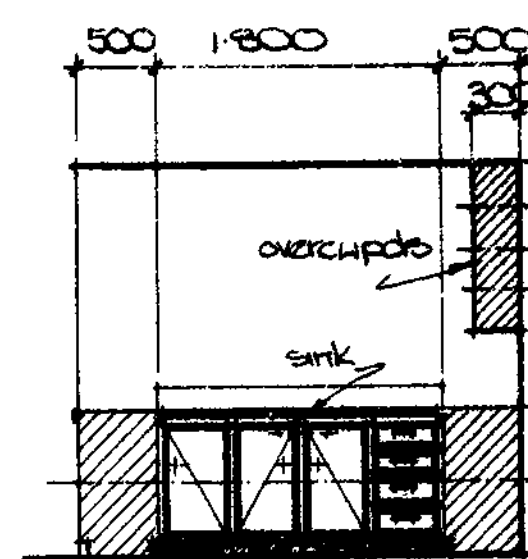
western elevation 1-100



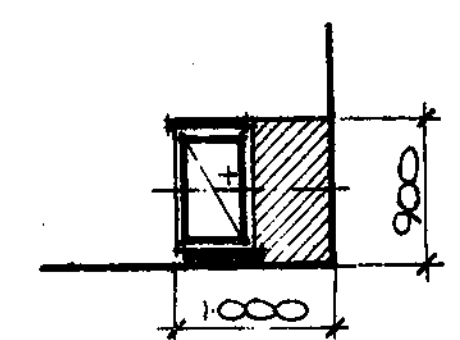
southern elevation 1-100



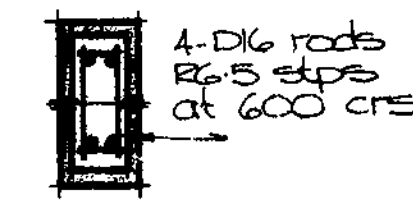
site plan 1-500



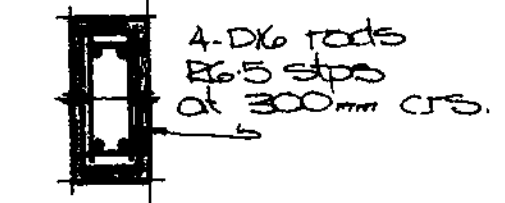
east elevation



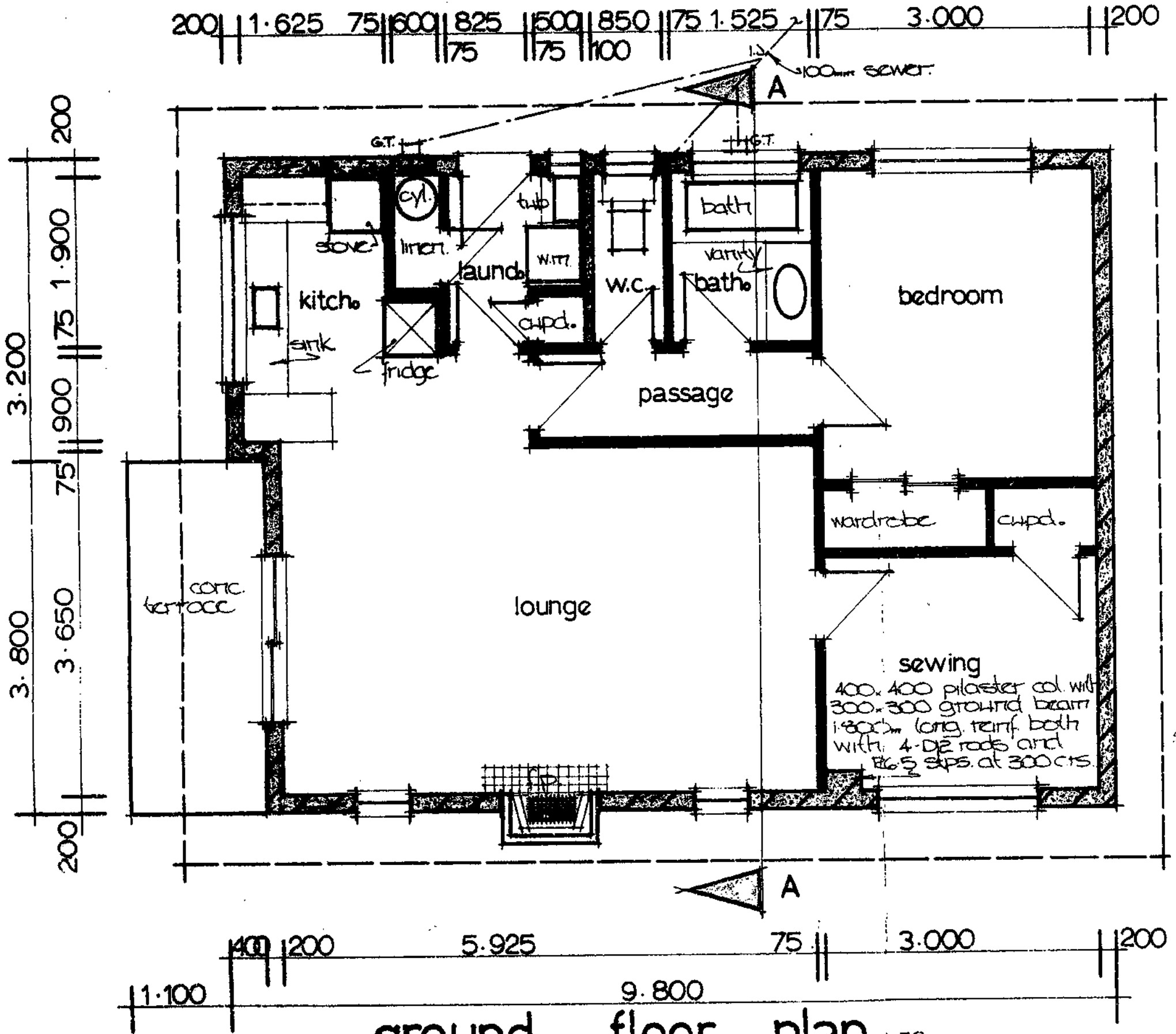
west elevation



LINTEL 1-20 UP TO 1.200

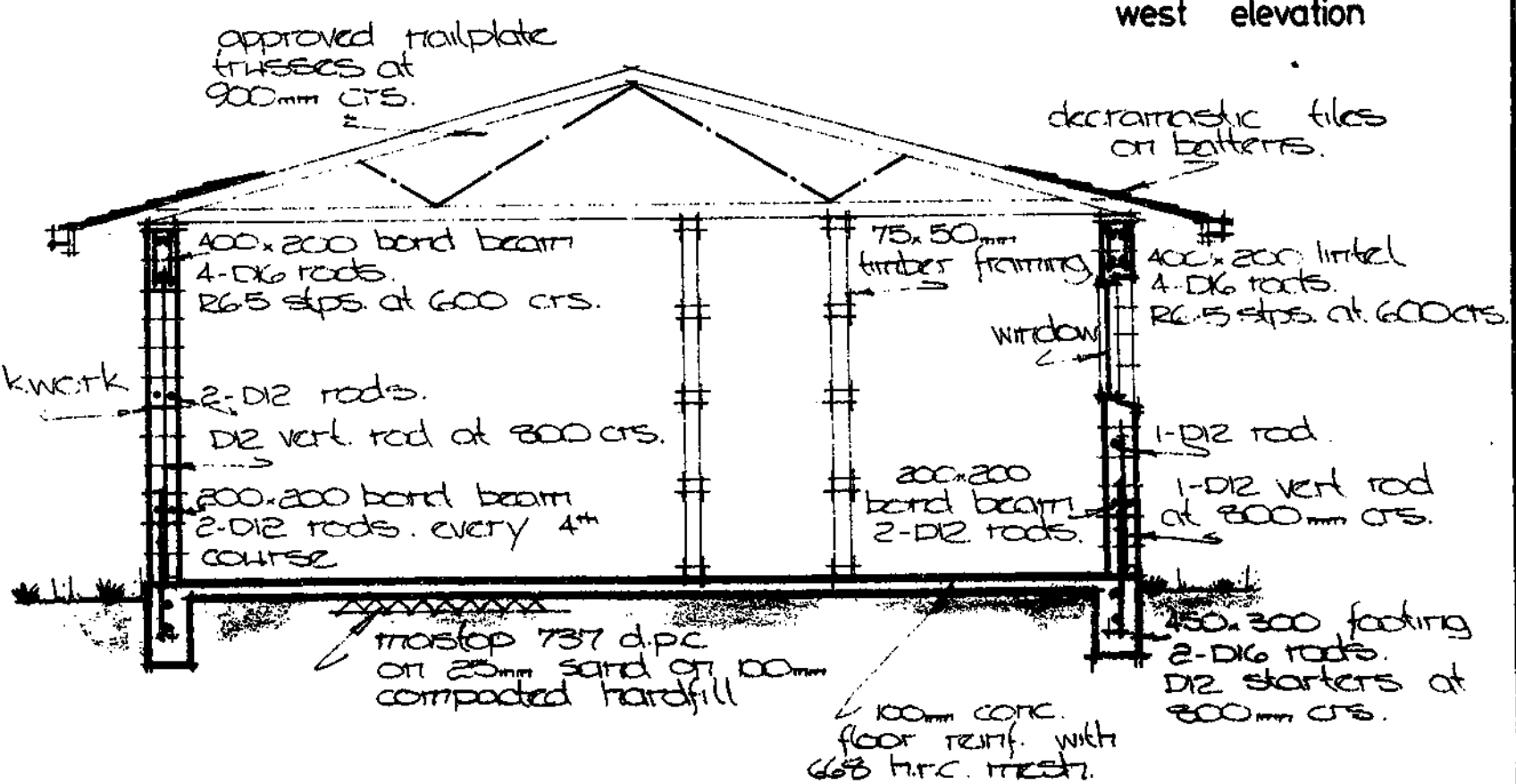


LINTEL 1-20 1.200 - 1.800



ground floor plan 1-50

total floor area = 67.08 m²



section a-a 1-50

PROPOSED FLAT
FOR MR & MRS C. WYND AT
21 CARLTON TERRACE - NEW PLYMOUTH

TARANAKI PLAN SERVICE		SHEET ONE	
60 POWDERHAM STREET BOX 830 NEW PLYMOUTH		PHONE 85 563	
DRAWN P. WILSON	CHECKED	SCALES 1-50, 1-500, 1-100, 1-20	SERIES OF ONE
TRACED P. WILSON	DATE 3/6/76		REF. 992

AMENDMENT

018/24

18 JUN 87

CARLTON TERRACE

EXISTING RESIDENCE

PROPOSED DWELLING

SITE PLAN

CROSS SECTION A:A

↑ NORTH

NOTES:
This drawing is to be read in conjunction with Tararaki Plan Service drawing no: 992.

FOUNDATION PLAN

98/2

NEW PLYMOUTH CITY COUNCIL

-9 JUN 1976 6 24

KITCHEN DETAILS 1-20

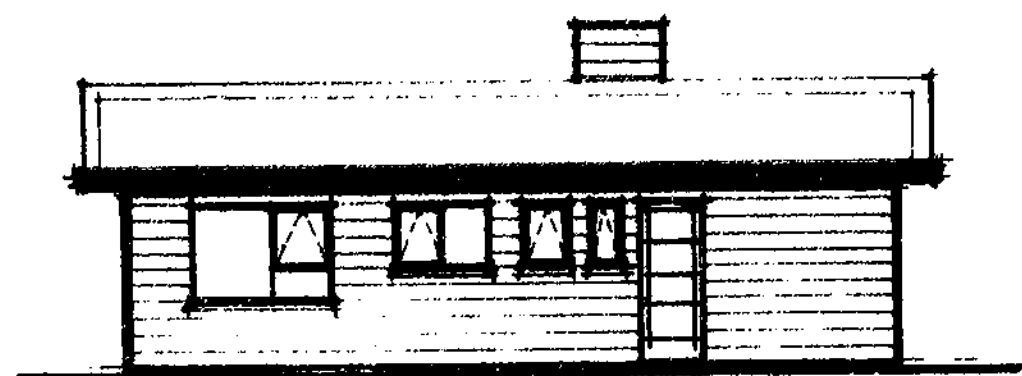
PLANS AND SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, CONSTRUCTION AND CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACTS, REGULATIONS AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL

TOWN PLANNING ASD 18.6.76
PUBLIC HEALTH ASD 22.6.76
BUILDING ASD 22.6.76
ENGINEER ASD 22.6.76

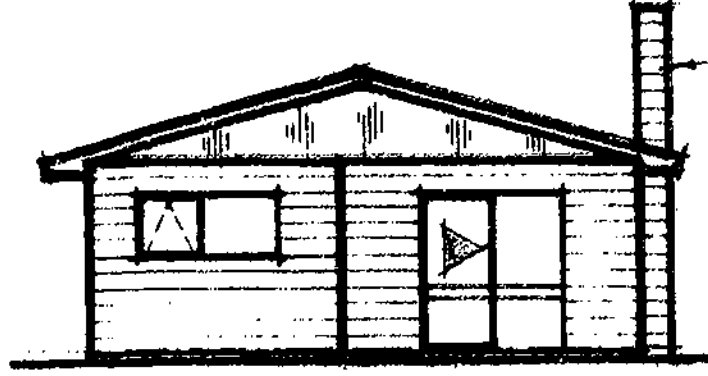
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH CITY COUNCIL AND ARE TO BE KEPT ON SITE.

VERIFYING TO BE COMPLETED BY 28.6.76

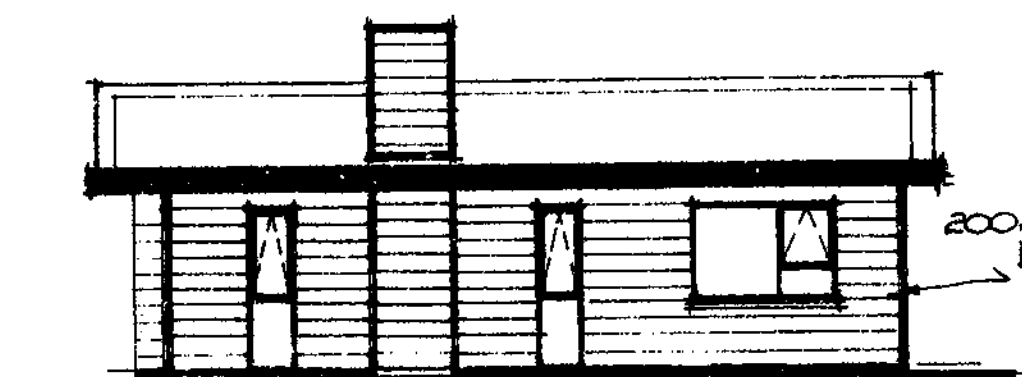
NORTH



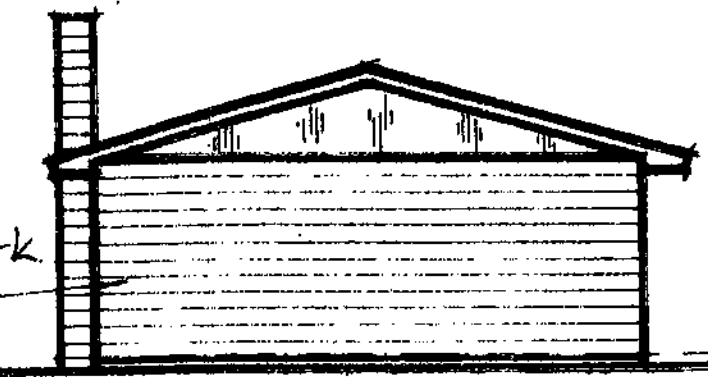
eastern elevation 1-100



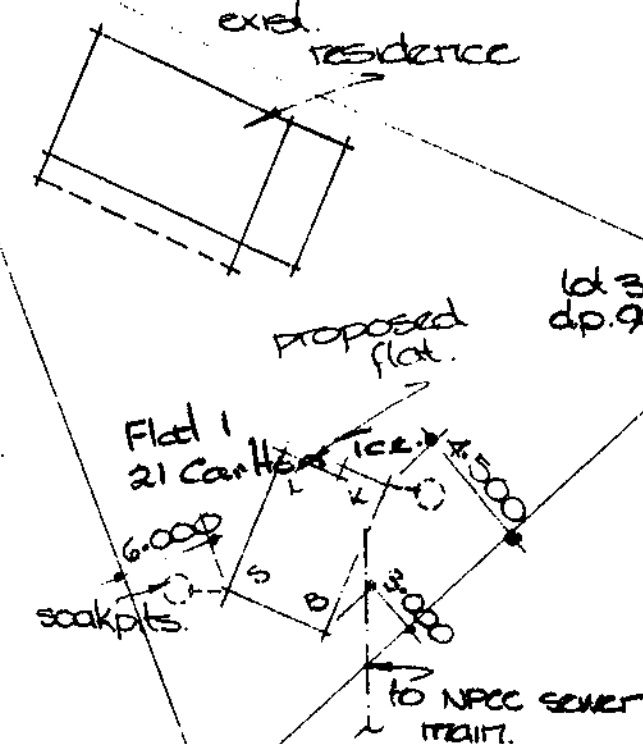
northern elevation 1-100



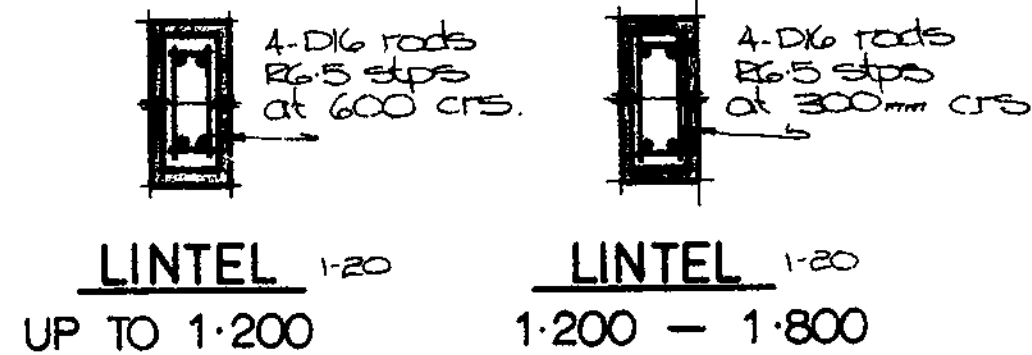
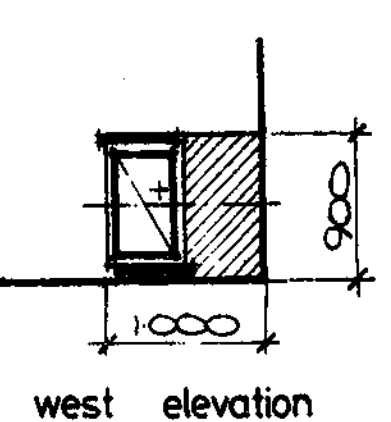
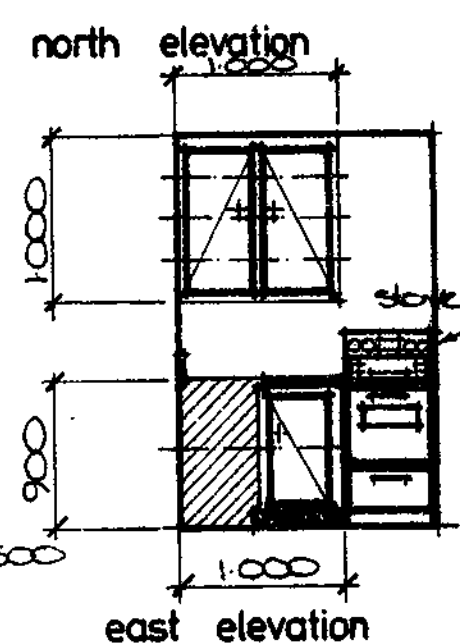
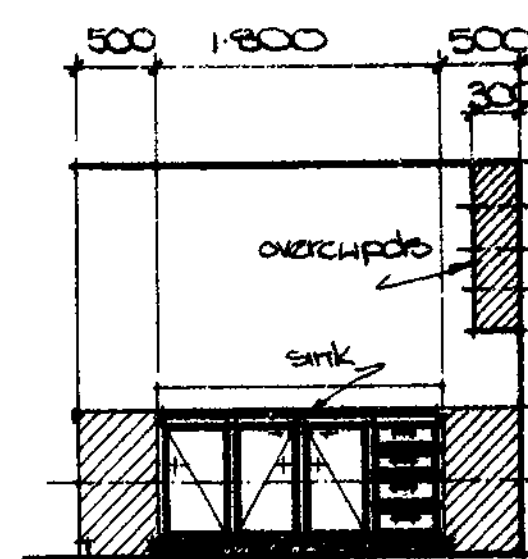
western elevation 1-100



southern elevation 1-100



site plan 1-500

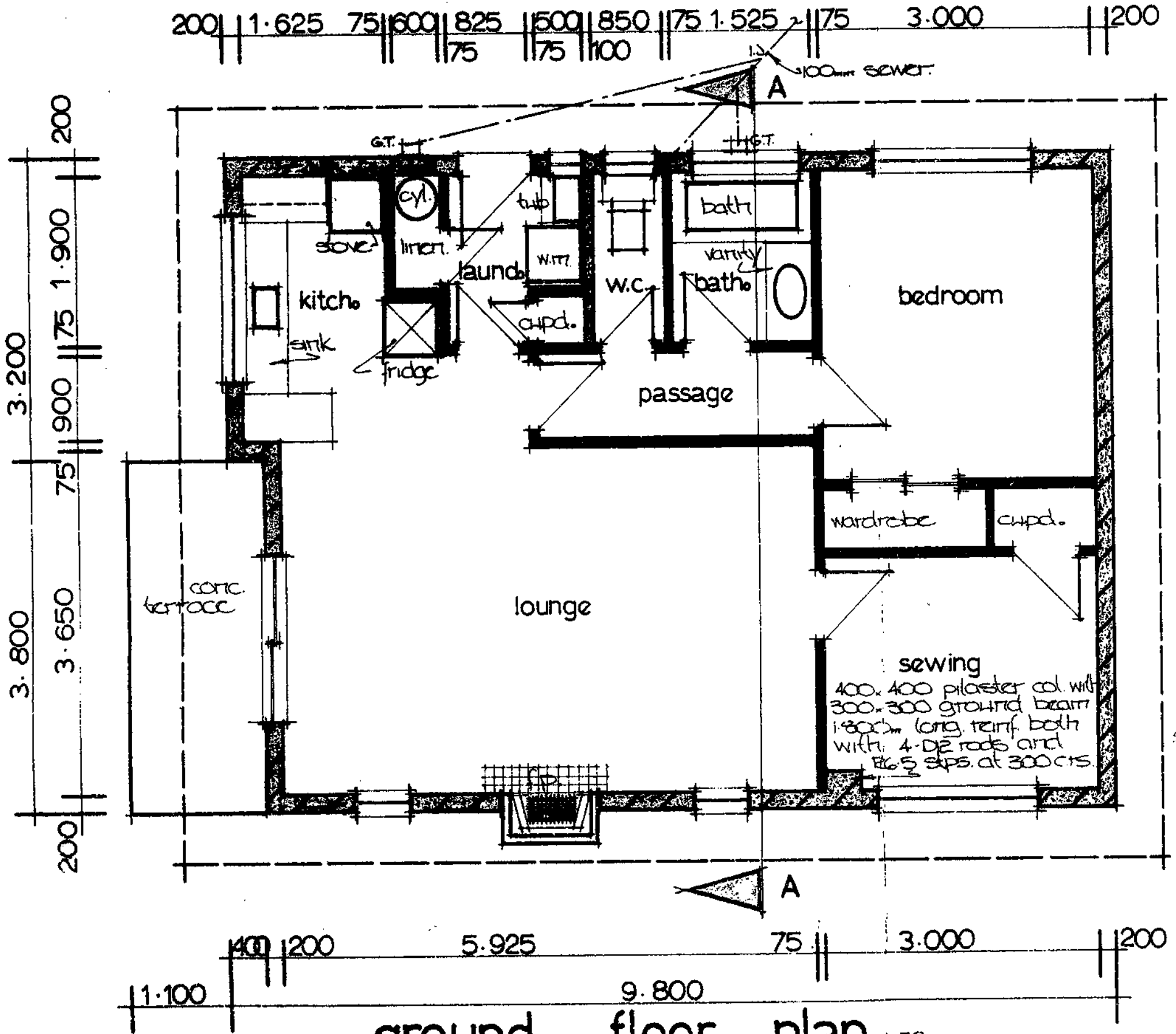


LINTEL 1-20

LINTEL 1-20

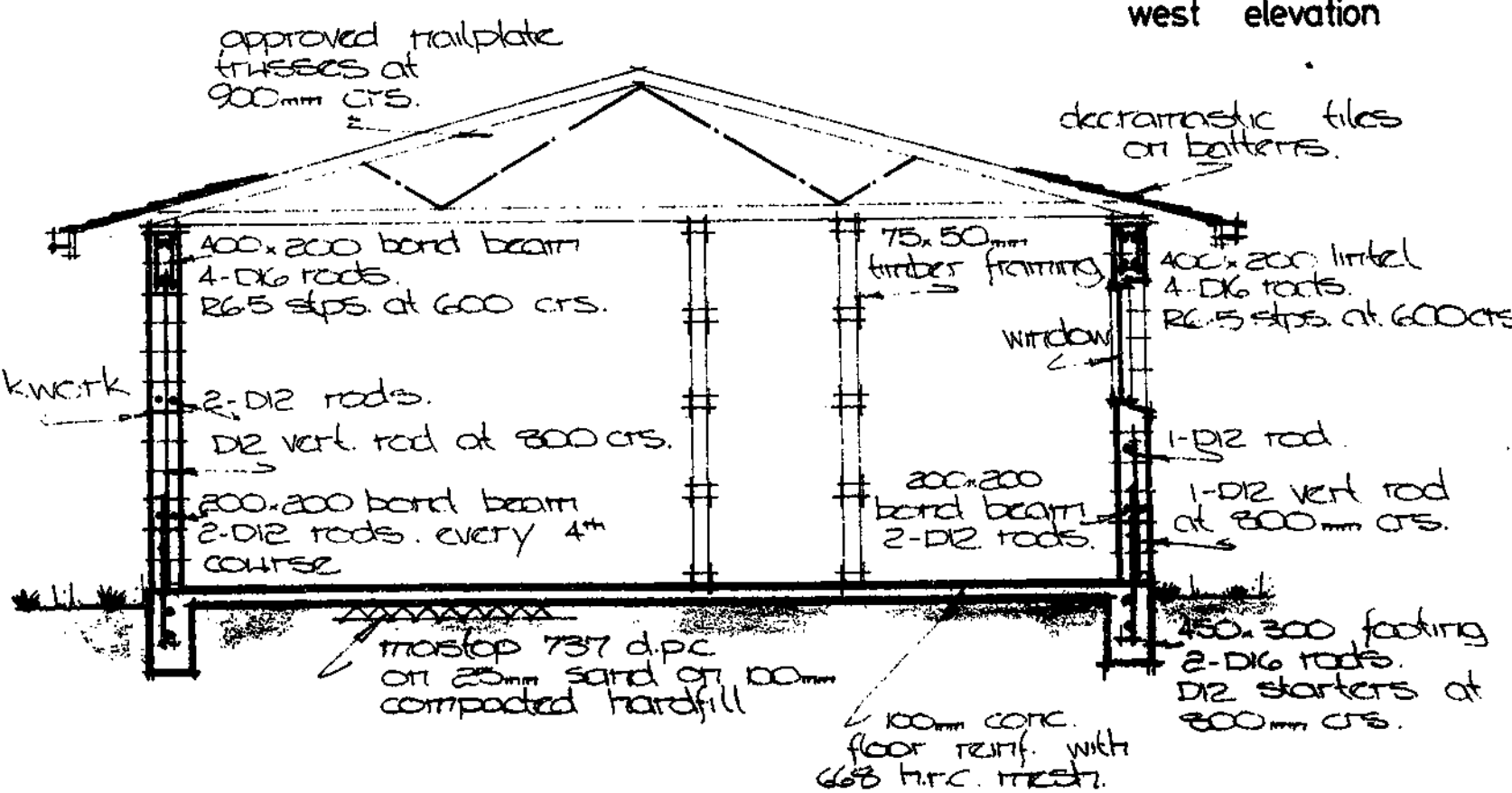
UP TO 1.200

1.200 - 1.800



ground floor plan 1-50

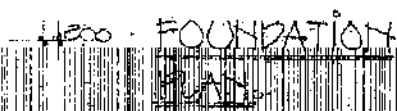
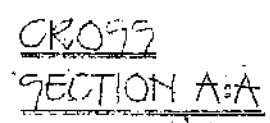
total floor area = 67.08 m²



section a-a 1-50

PROPOSED FLAT
FOR MR & MRS C. WYND AT
21 CARLTON TERRACE - NEW PLYMOUTH

TARANAKI PLAN SERVICE		SHEET ONE	
60 POWDERHAM STREET BOX 830 NEW PLYMOUTH		PHONE 85 563	
DRAWN P. WILSON	CHECKED	SCALES 1-50, 1-500, 1-100, 1-20	SERIES OF ONE
TRACED P. WILSON	DATE 3/6/76		REF. 992



NOTE:
This drawing is
to be read in
conjunction with
Tarabaki Plan Service
drawing no: 992

98/2

NEW PLYMOUTH CITY COUNCIL

-9 JUN 1976 6 24

KITCHEN DETAILS 1-20

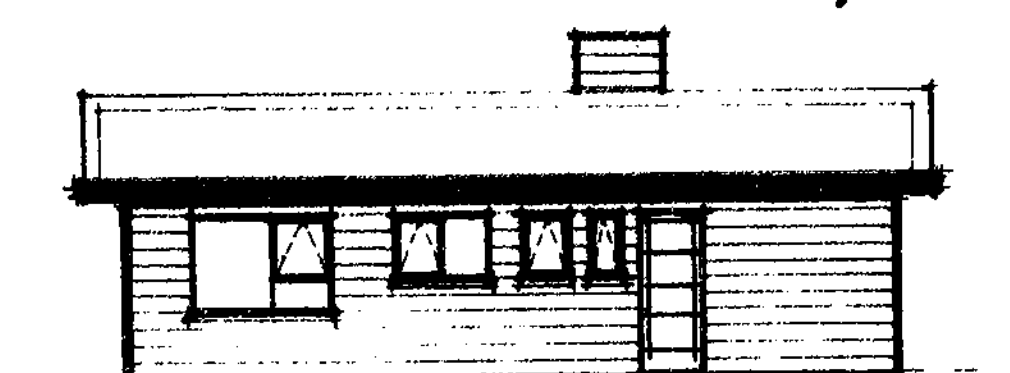
PLANS AND SPECIFICATIONS APPROVED FOR TYPE, USE, SITING, CONSTRUCTION AND CONSTRUCTION, AS IN ACCORDANCE WITH ALL RELEVANT ACTS, REGULATIONS AND BY-LAWS ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL

TOWN PLANNING ASD 18.6.76
PUBLIC HEALTH ASD 22.6.76
BUILDING ASD 22.6.76
ENGINEER ASD 22.6.76

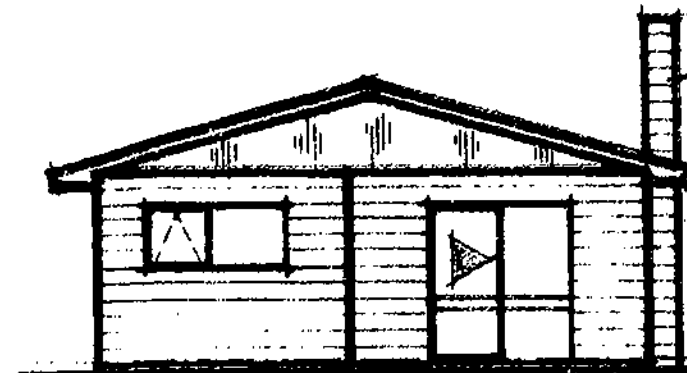
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF THE NEW PLYMOUTH CITY COUNCIL AND ARE TO BE KEPT ON SITE.

GETTING TO BE COMPLETED BY 28.6.76

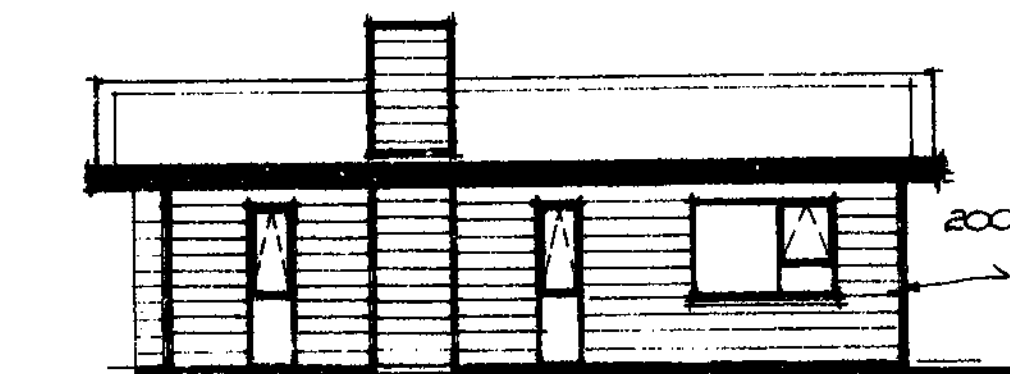
NORTH



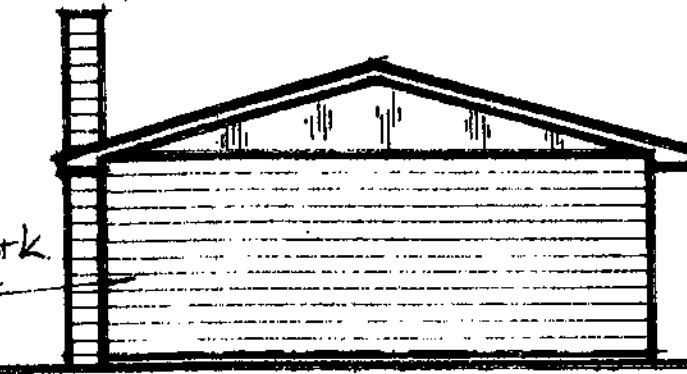
eastern elevation 1-100



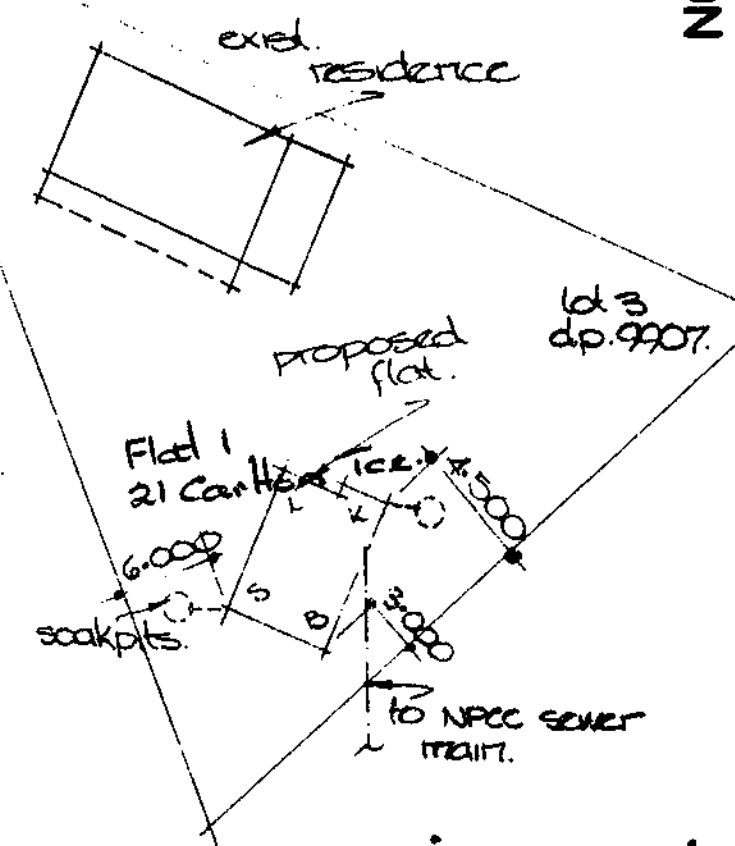
northern elevation 1-100



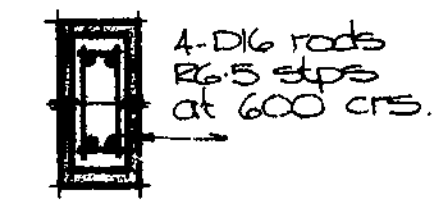
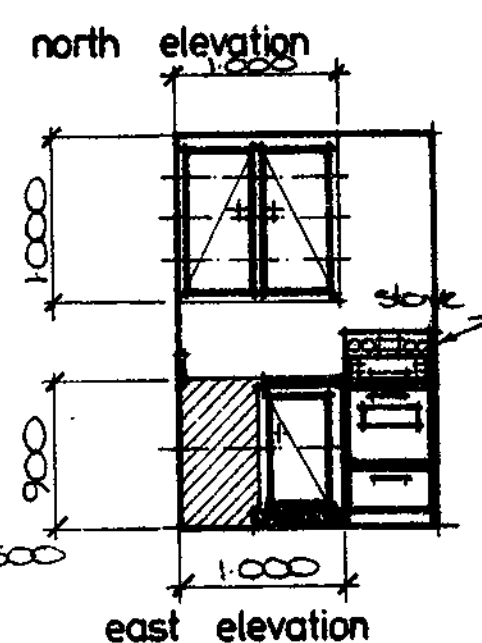
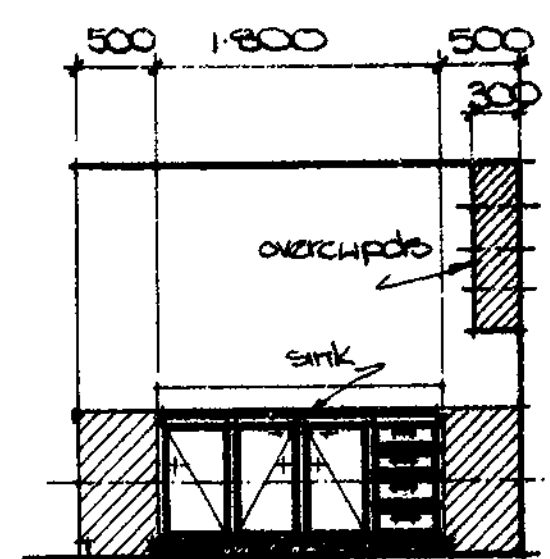
western elevation 1-100



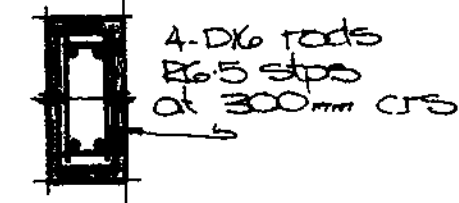
southern elevation 1-100



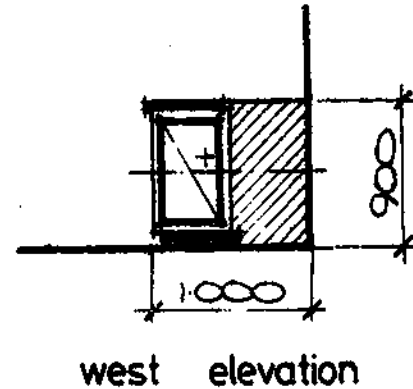
site plan 1-500



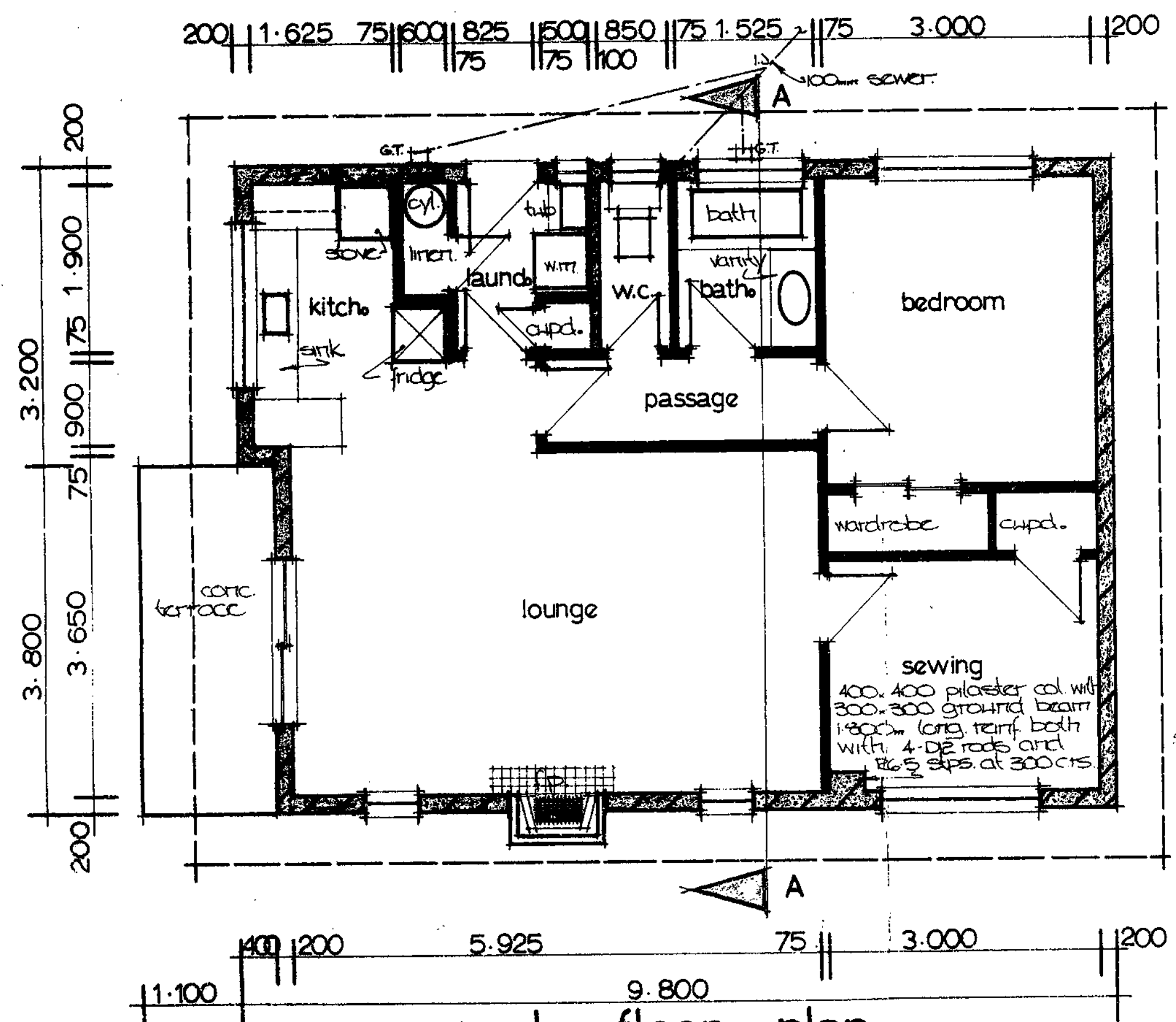
LINTEL 1-20 UP TO 1.200



LINTEL 1-20 1.200 - 1.800

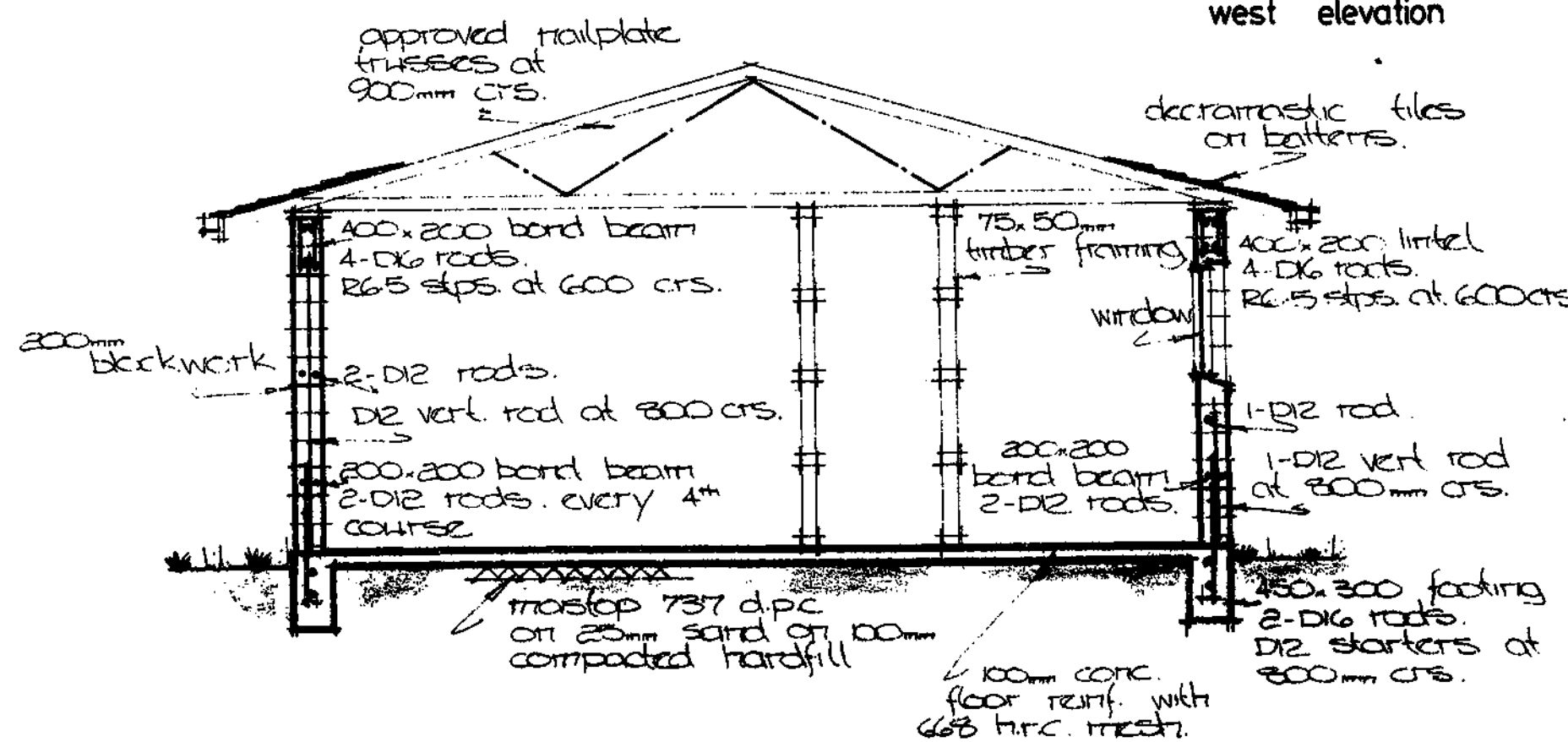


west elevation



ground floor plan 1-50

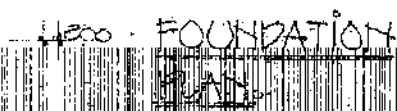
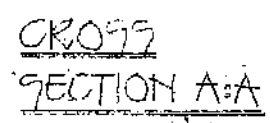
total floor area = 67.08 m²



section a-a 1-50

PROPOSED FLAT
FOR MR & MRS C. WYND AT
21 CARLTON TERRACE - NEW PLYMOUTH

TARANAKI PLAN SERVICE		SHEET ONE	
60 POWDERHAM STREET BOX 830 NEW PLYMOUTH		PHONE 85 563	
DRAWN P. WILSON	CHECKED	SCALES 1-50, 1-500, 1-100, 1-20	SERIES OF ONE
TRACED P. WILSON	DATE 3/6/76		REF. 992



7-100-416729 (6/17)

~~18mm~~ 35mm

BUILDING FILE

Code No. 98 / 01
Subject DWG
8/POOL
CHANGING SHED
GARAGE
1 FLAT

Permit No R 7389
L 8009
13281
82556
82706

Date 30.7.73 11.9.81
5-1-83 3-6-76 24-6-76

No. Sheets 4

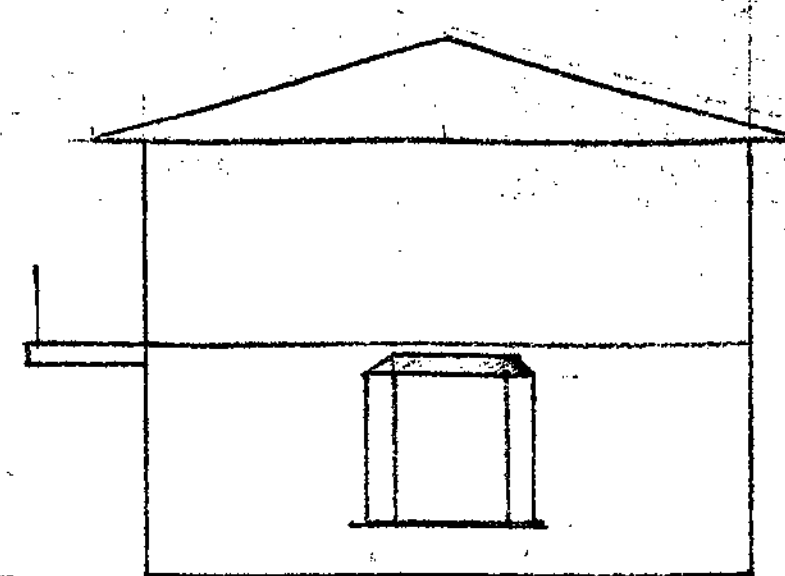
98/21-
 33
 26 NOV 1976

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

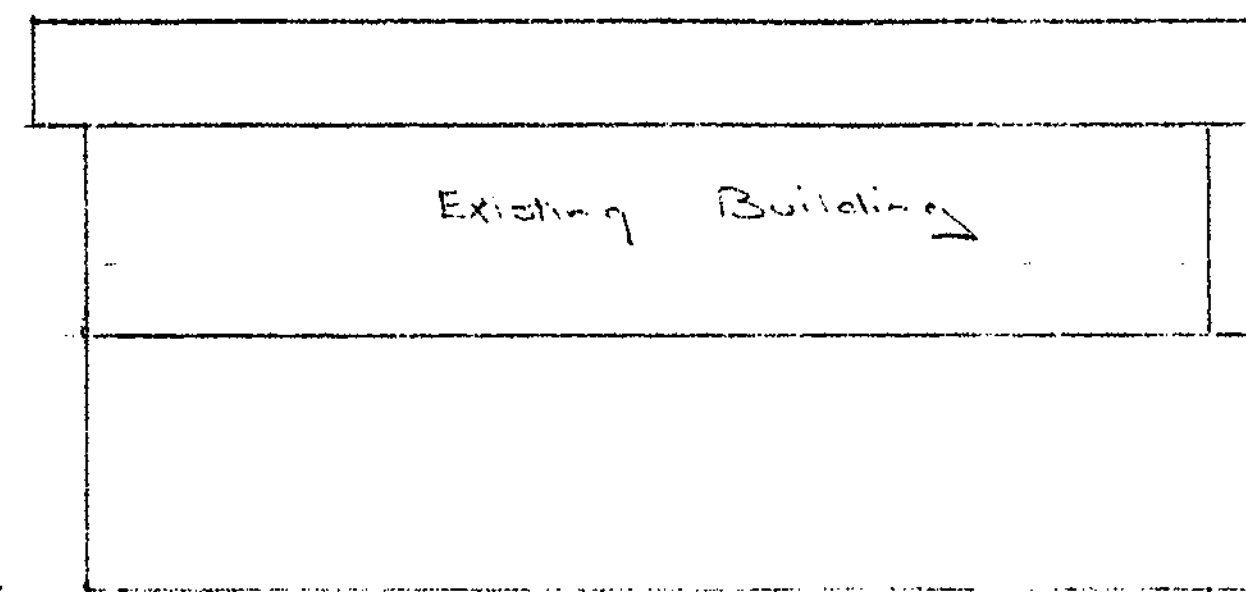
TOWN PLANNING *[Signature]* DATE *1-6-76*
 PUBLIC HEALTH *[Signature]*
 BUILDING *[Signature]*
 ENGINEER *[Signature]*

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

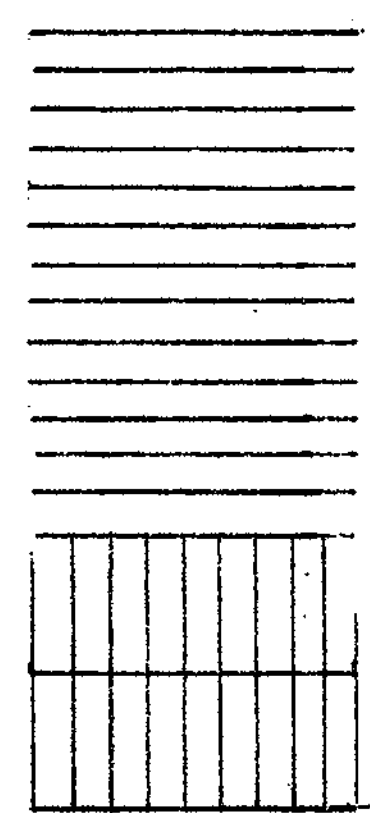
GETTING TO BE
 COMPLETED BY
 2ND JULY 1976



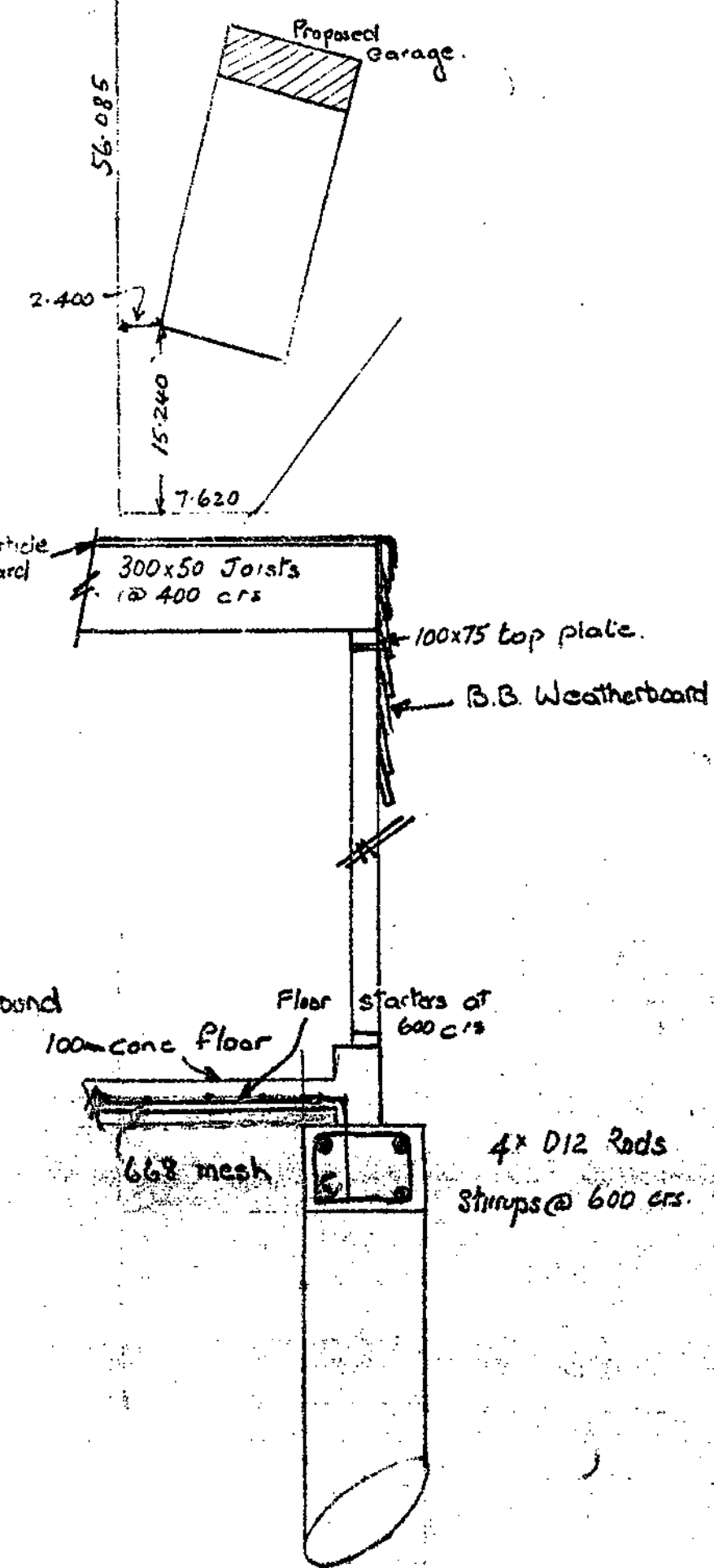
EAST ELEVATION



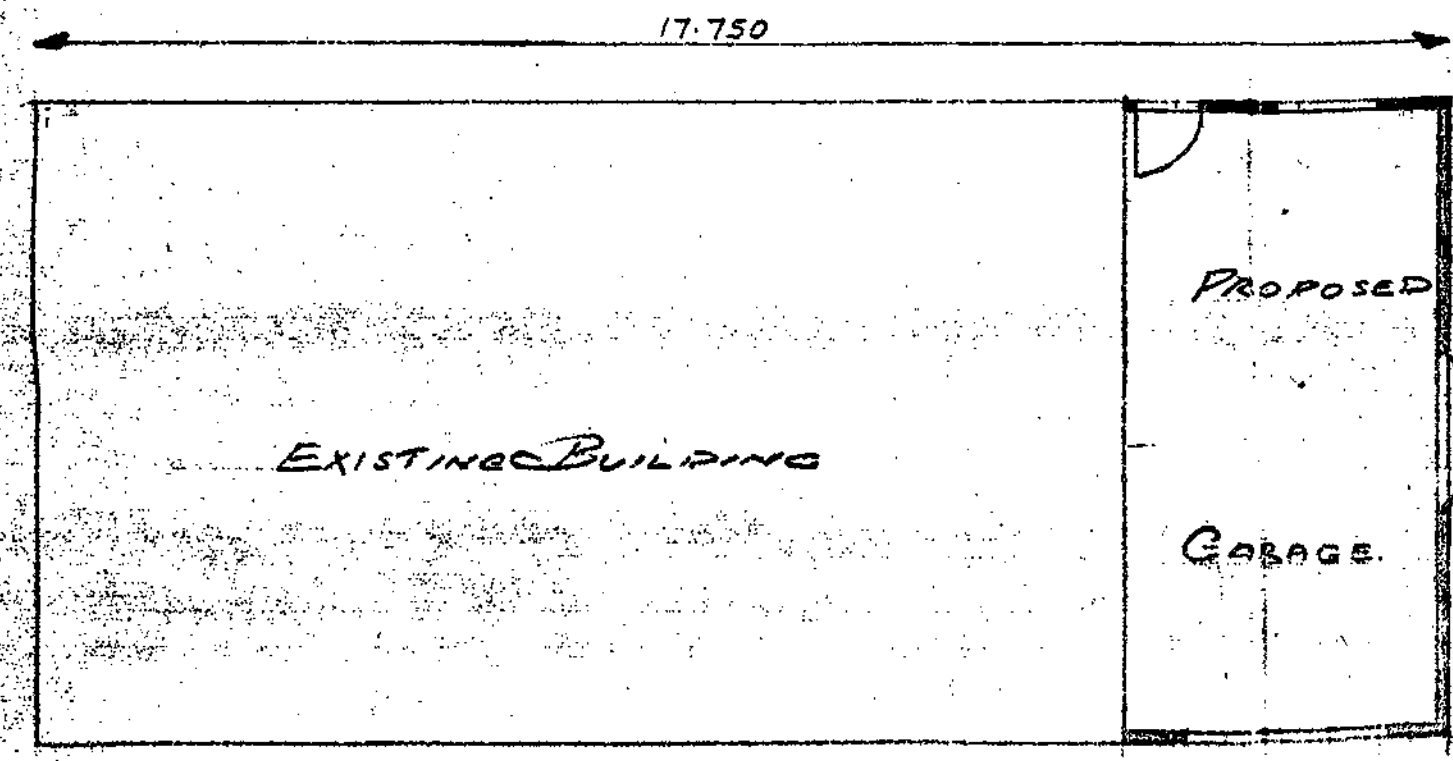
SOUTH ELEVATION



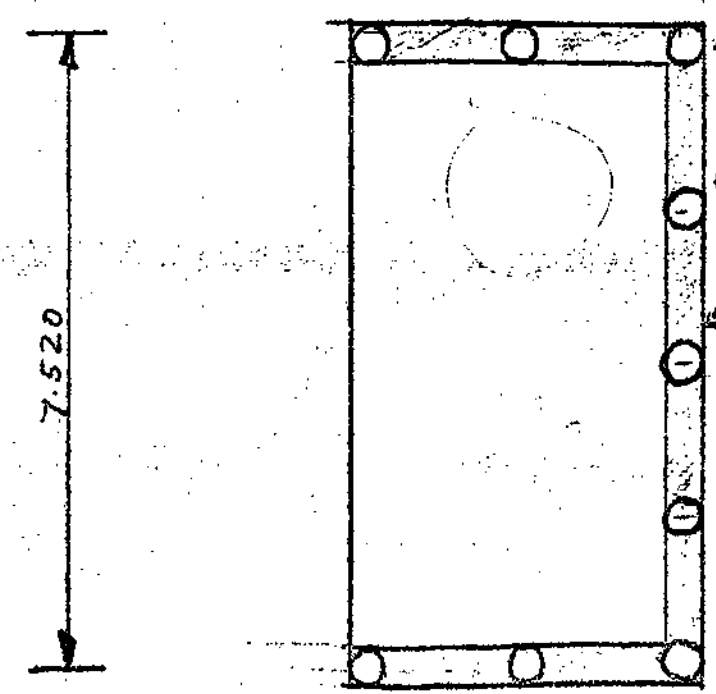
JOIST LAYOUT



WALL SECTION



PLAN

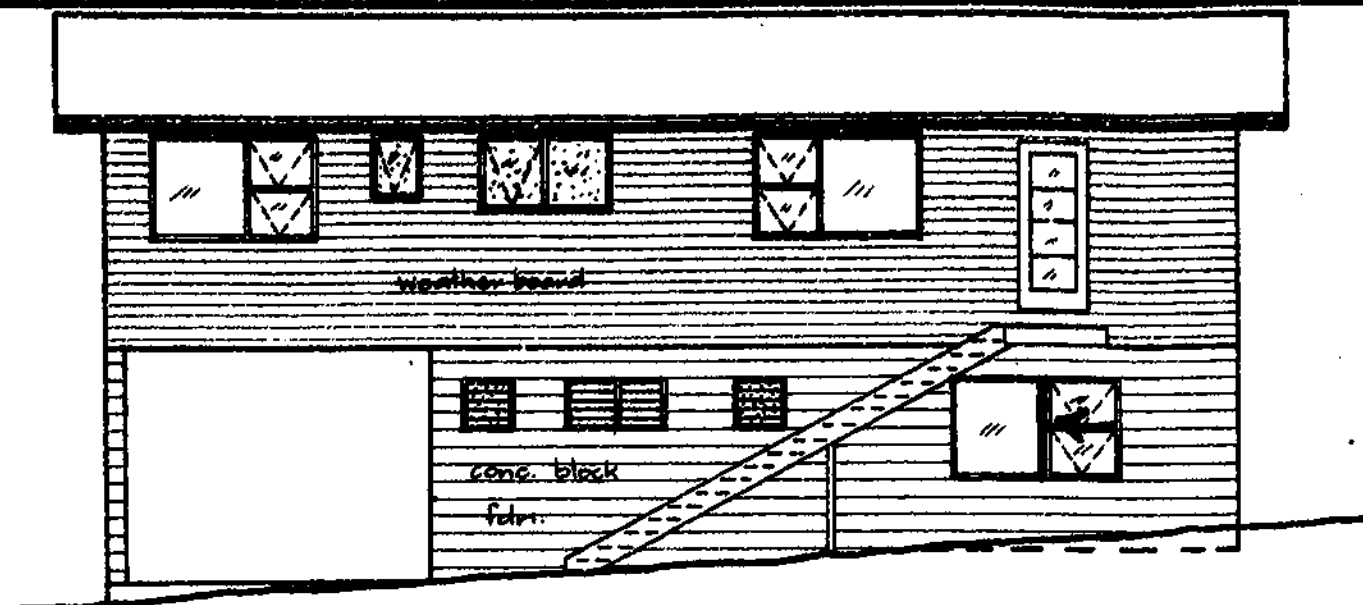


FOUNDATION PLAN

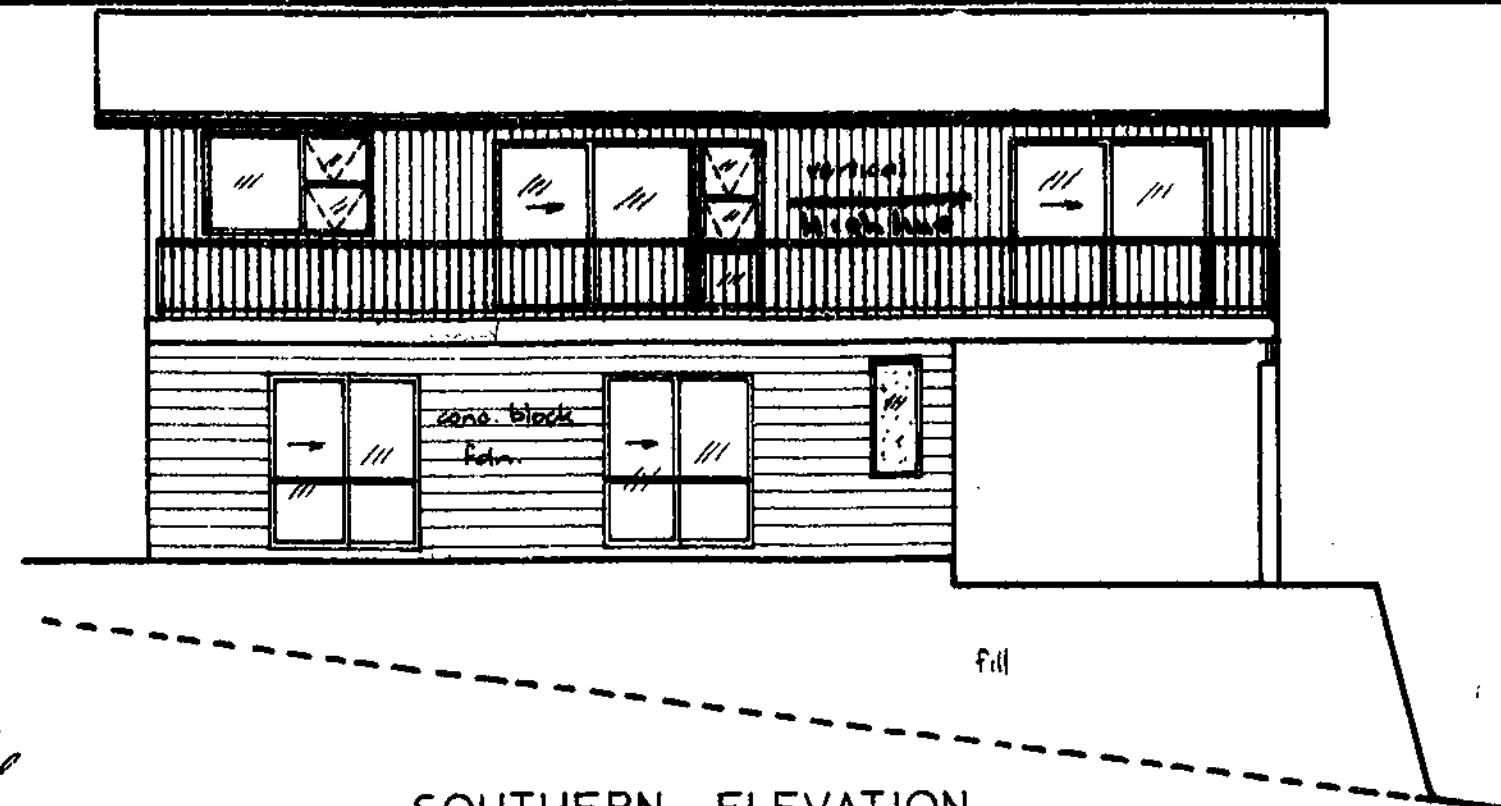
98/21

9 68

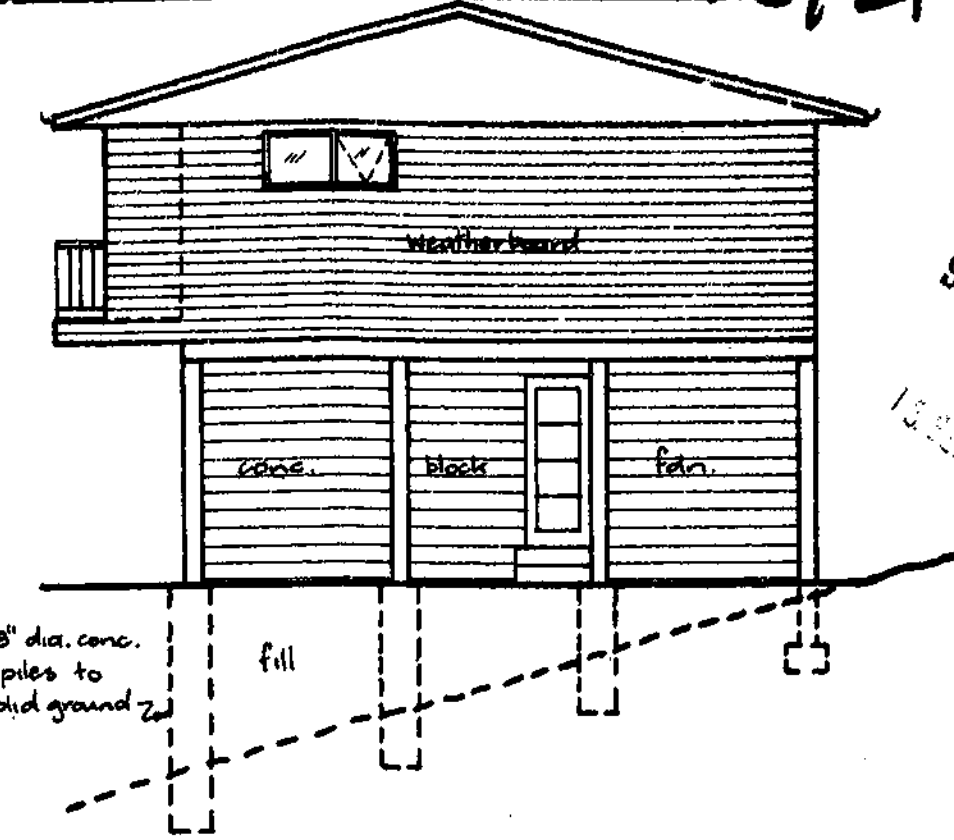
15-22-1972



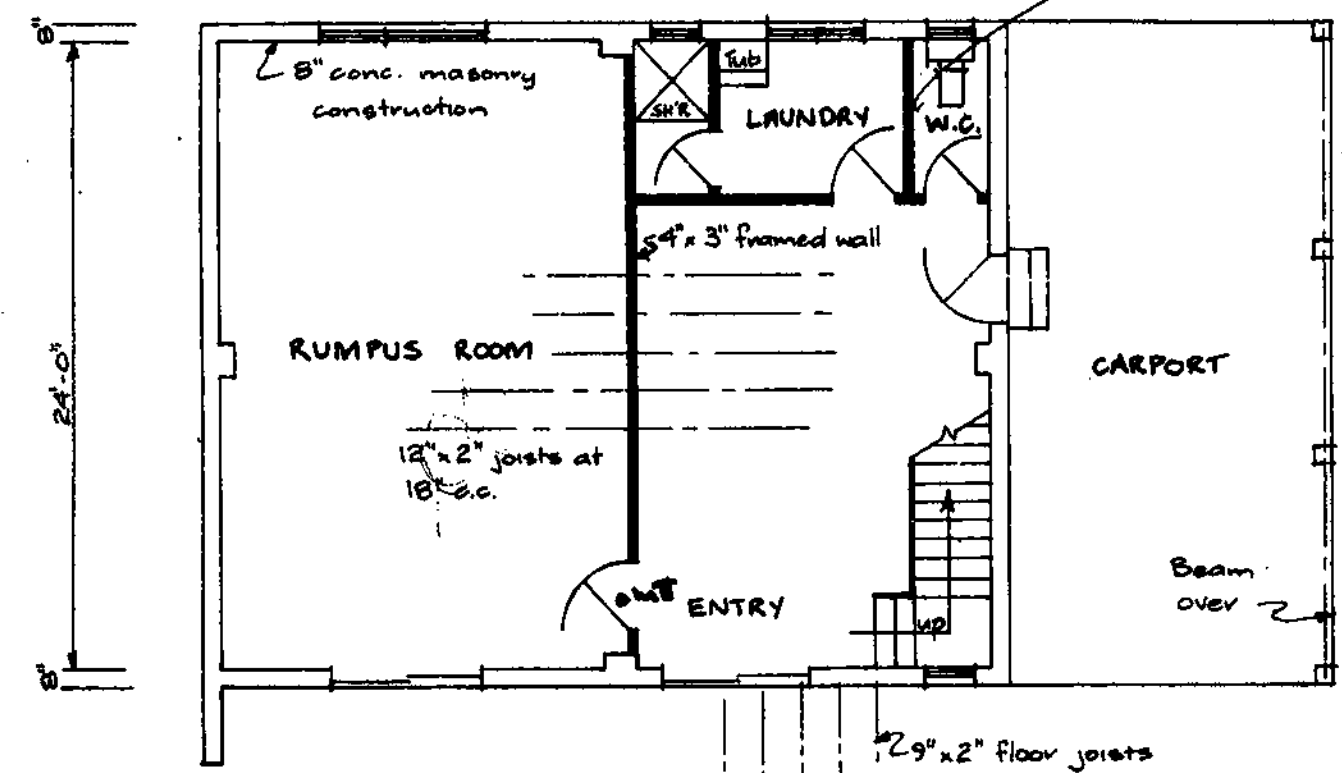
NORTHERN ELEVATION.



SOUTHERN ELEVATION.



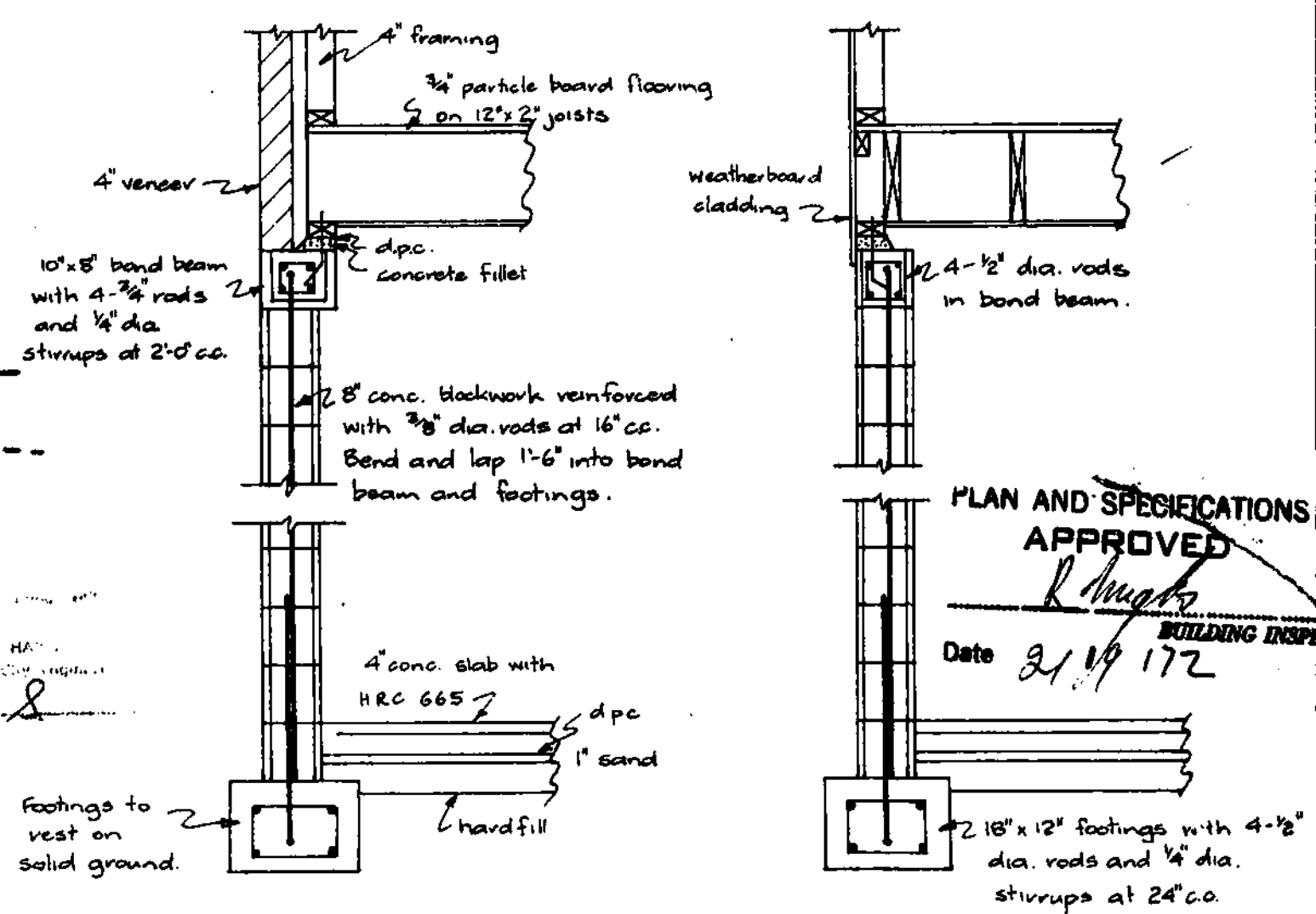
EASTERN ELEVATION.



BASEMENT PLAN.



WESTERN ELEVATION.



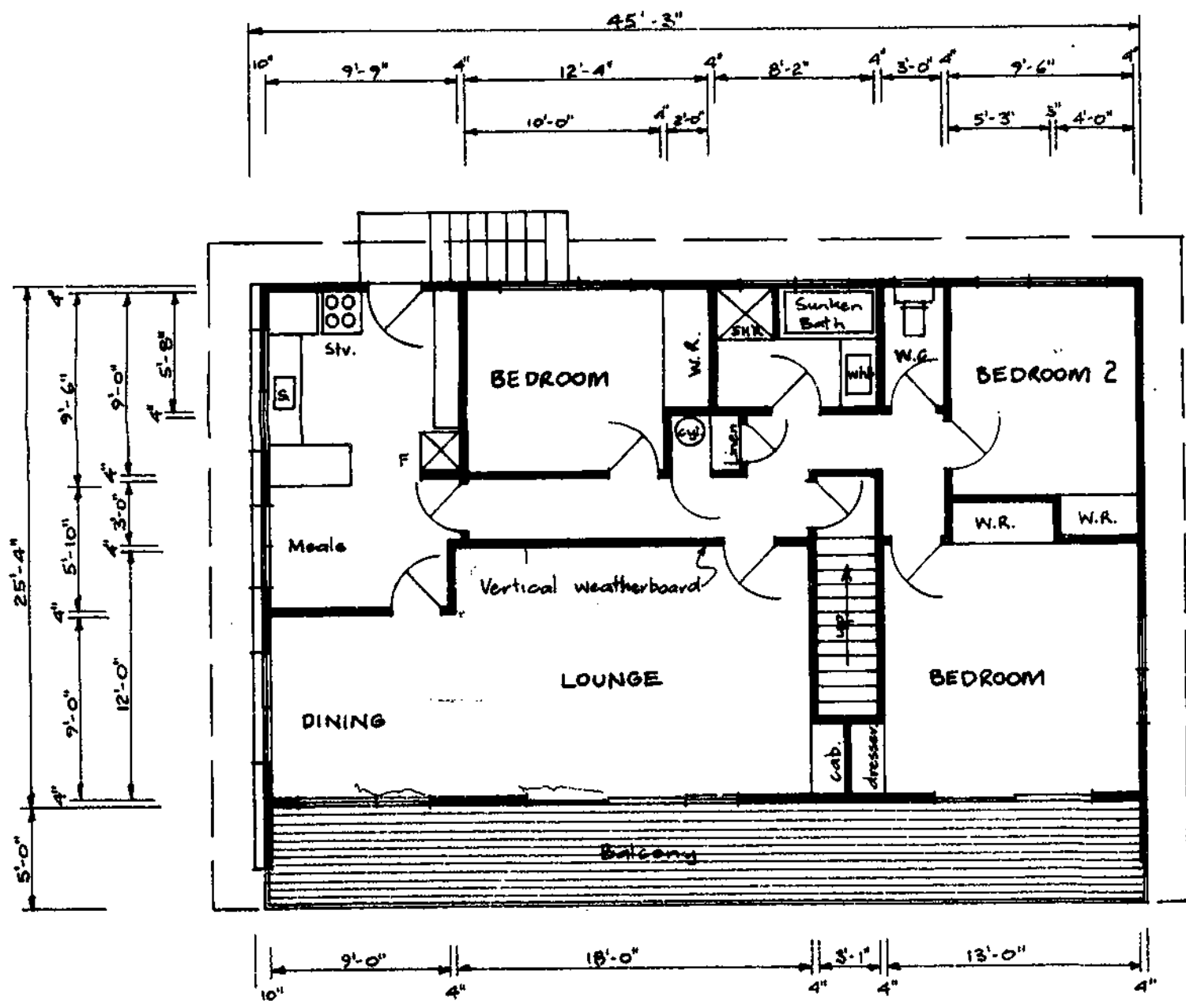
TYPICAL WALL SECTION.
BRICK VENEER.

TYPICAL WALL SECTION.
WEATHER BOARD.

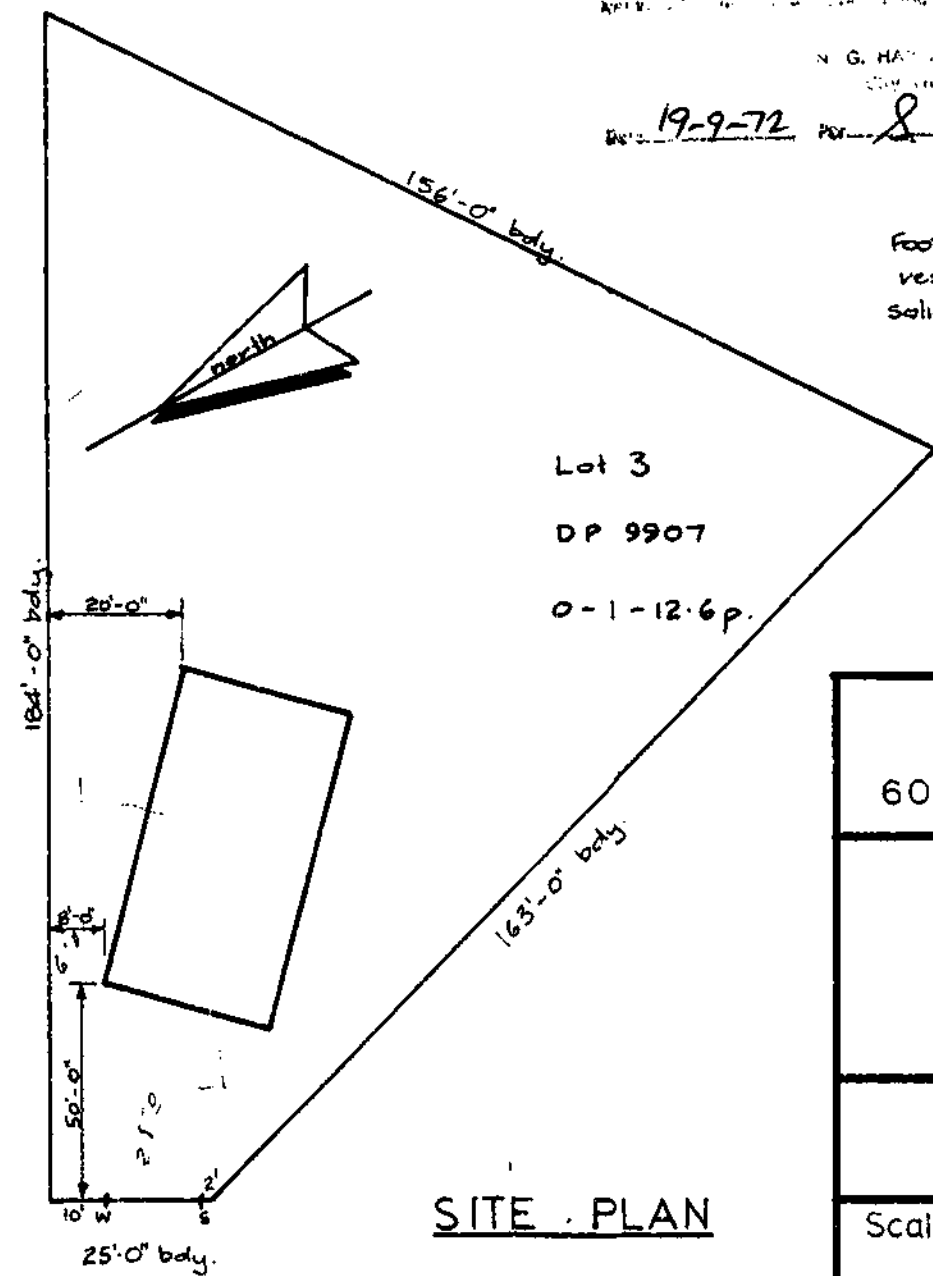
FOOTING & DRAINAGE APPROVED
DATE 20.1.91
Inspector

APPROVED
N. G. HAY
19-9-72

PLAN AND SPECIFICATIONS APPROVED
Date 21.11.172
BUILDING INSPECTOR



FIRST FLOOR PLAN.



SITE PLAN

Scale: 3/32" = 1' inch

TARANAKI PLAN SERVICE 60 Powderham Street P. O. Box 830 Phone 89563 New Plymouth		
PROPOSED RESIDENCE FOR MR. E. WYNDE AT CARLTON TERRACE - NEW PLYMOUTH.		
R. W. Wood Ltd.-Building Contractors-N. P.		
Scale 1/8" & 1/2" = 1'-0"	Designed : Drawn : <i>WFB</i> Traced : Date : 7-2-72	Drg. No. Sheet 1 of 1 sheets

16mm 35mm

BUILDING FILE

Code No. 98 / Q1

Subject DWG
S/POOL.
CHANGING SHED
GARAGE
1 FLAT

Permit No 127389
48009
13281
82556
82706

Date 30-7-73 11-9-81

5-1-83 3-6-76 24-6-76

No. Sheets LOTS

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 8 90

Project: <u>S. Pool</u>	Check Sheet No. <u>21882</u>
Owner: <u>E. R. WYND</u>	Sewer Sheet No. <u>241</u> Plotted: <u>X</u>
Address: <u>21 CARLTON TCE</u>	Zone: <u>R-1</u>
Lot No. <u>3</u> D.P. <u>9907</u>	Sec. No. <u></u> Area of Site: <u>VEHICLE</u>

COMPLETED
19 SEPT 1981

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	40' 4"
Parking	
Access to Rear of Site	
Accessory Buildings	
Service Lanes & R.D.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 [Signature]

Not Approved

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

S E R V I C E S

08/21

A : SEWER CONNECTION

STORMWATER CONNECTION

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

 Fee \$ ~~_____~~

FEE \$ ~~_____~~

B : WATER CONNECTION

Existing Service _____ 12mm _____
 Distance from L/Boundary _____
 Distance: Main to Boundary _____
 Boundary to Load _____
 Required Service _____ 12mm _____
 Meter _____

Height above Datum 80m

FEE \$ ~~_____~~

C : PLUMBING

No. Fittings	3	2	1	2	2	2	Others
W.Cs	_____	Baths	_____	Basins	_____	Sinks	_____
Total Values _____							
Supply Pipe Sizes	<u>1/2"</u>			P.V.C.	☒	Copper	☒
Backflow Prev.	<u>Physical for break</u>						
Other Fittings	_____						
Estimated Value	<u>\$ 150.00</u>			Plumbing Fee <u>\$ 10.00</u>			

DRAINAGE

Existing 100' _____ Required Back work to 5/12 lower _____
 Fittings Required _____
 Common Drain _____
 Septic Tank _____
 Stormwater _____
 Estimated Value _____

Drainage Fee _____

Total Estimated Value P. & D. \$ 150.00

FEE \$ 10.00

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing 200' _____
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$: _____

DEPOSIT DAMAGE FEE \$: _____

E : HEALTH & BY-LAWS

98/21

Areas -----

Light -----

Ventilation -----

Remarks: -----

Dec 1/9 Approved OW 19/91
Not Approved -----

F : DANGEROUS GOODS

Domestic or Commercial -----

Storage Capacity & Location N/A -----

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

Approved PC -----
Not Approved -----

G : BUILDING

Remarks: -----

FEES:

Bldg.	4700.00	21.00
Water Bldg.		3.00
B.R.L.	4850.00	5.00
TOTAL		\$29.00

Building Inspector -----

Approved OW 28/6/81 -----
Not Approved -----

Specification: -----

Structural Engineer -----

Approved -----
Not Approved -----
Recommended -----
Not Recommended -----

Fire Service -----

PERMIT NO. 48009

APPROVING ENGINEER

Approved M. Aves -----
Not Approved -----

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 8 90 Check Sheet No. 21882

Receipts No. 2095 Sewer Sheet No. 291

Date of Receipt 11.9.81 Zone Res R1

TO THE CITY ENGINEER

26 AUG 1981

Date 25-8-81

APPLICATION FOR BUILDING PERMIT

At (House No.) 21 Carlton Ave

Lot No. _____

For erection of Swimming Pool

L.P. 9907

OWNER M. & R. Wynn

Sec. No. _____

ADDRESS 21 Carlton Ave N.S.W.

Proposed Use _____

Foundation _____

Walls _____

Roof _____

AREA of Site _____

AREA of existing buildings _____

M²

AREA of existing accessory buildings _____

M²

AREA of Building in application _____

37.8

M²

Builder D.D. Hunter

Address 293 Blount St N.S.W.

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required

Yes / No

Supplied

Yes / No

Total Value of Building

\$ 4,850

Sanitary Plumbing and Drainage

\$ 350

Value of Building for Permit

\$ 4,500

Water for Building

Building Research Levy on

\$

Hoardings

Mths @

FOR OFFICE USE	
Corrected Value Fees	
TOTAL FEES BUILDING	

Starting Date 25-8-81

Finishing Date 25-9-81

NAME AND ADDRESS OF APPLICANT

D.D. Hunter 293 Blount St.

Phone 34919

Signature of Applicant D.D. Hunter

Signature of Owner _____

98/21

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT

APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No.

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

House No. 21 Street Carlton Ave. Lot No. D.P. 9907OWNER M. E. R. Weyde Area of SiteADDRESS 21 Carlton Ave. - N.P. Signature of Applicant D. D. HunterProposed Use Swimming Pool Signature of Owner

VEHICULAR CROSSING

When required

Proposed M Position

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection 2" No change by arrangement.

Size of Requested Connection

Distance from L/Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L/Boundary Depth of sewer req'd

Common Drain Yes / No

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer R. S. KillhamValue of Proposed Work, Labour Only Plumbing \$150.Water Supply Materials Drainage
P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

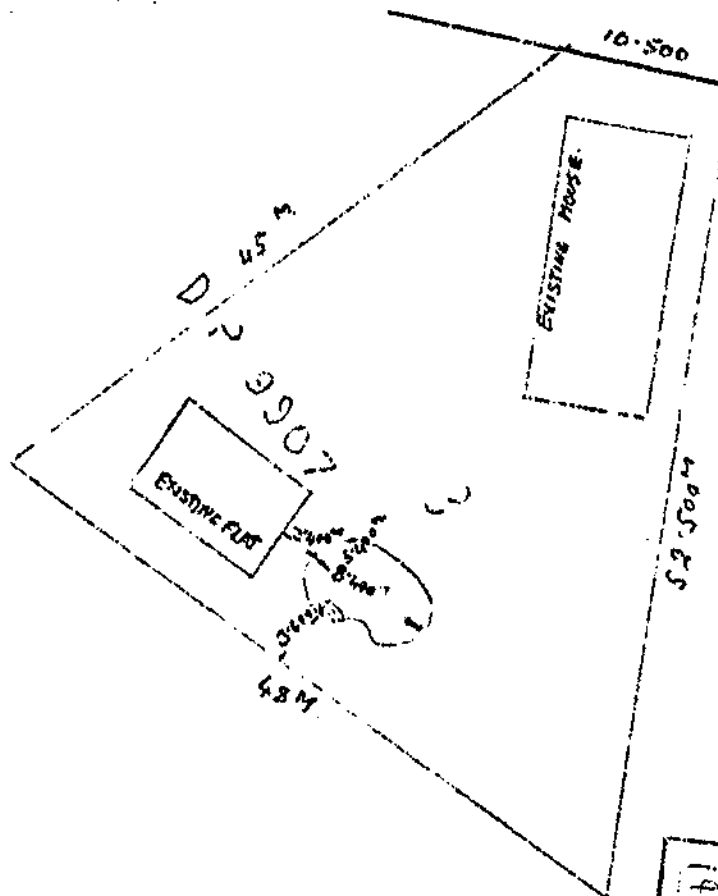
Stormwater Disposal (specify)

FOR OFFICE USE

File No. 8 90 Rec. No. 2095 Check Sht. No. 2188² FEES SewerDate 26 AUG 1981 Zone Res Ri Sewer Sht. No. 24-1 Water P & D 2.10.00

Veh. Crg

CARLTON TCE.



VERIFYING TO BE
COMPLETED BY
19 SEPT 1981

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY
OF THE NEW PLYMOUTH CITY COUNCIL AND NOT
TO BE REPRODUCED OR USED FOR ANY OTHER
PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE
CITY ENGINEER

TOWN PLANNING	DATE
PUBLIC HEALTH	
BUILDING	
ENGINEER	

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

NEW PLYMOUTH CITY COUNCIL

26 AUG 1981

3 90

98/21

SITE PLAN FOR THE PROPOSED SWIMMING POOL
FOR MR + MRS. ER WYND 21 CARLTON TCE NP.
SCALE 0.300" = 12.000"
POOL 8.400" X 5.400" X 1.350" DEEP.

DAYFAIR FIBREGLASS SWIMMING POOLS

DIGGING, FRAMING & BACKFILL WORKING MANUAL

98/21
26 AUG 1967

Prior to Excavation

Before any excavation should be commenced a test hole is to be dug in close proximity or within the pool site. Dig to a depth of six - eight inches deeper than desired bottom, or deepest end of pool to enable a definite estimate of height of, (if any) water table. Should the water table be higher than anticipated a hole should be dug where the skimmer box is to be positioned, (or at a central point) to a depth greater than the pool itself and after excavation is completed an emersion pump to be set to exclude surplus water (note in case of a small amount of water it is preferable to raise the height of the pool but depending on the wishes of the owners.)

Excavate for Pool

It is preferred to set out pool size plus backfill margin (of 4 - 6 inches) with pegs and string line. If excavation done with a spade so that if the lines are moved during digging it is then easy to find required mark. Fix a datum height; A backhoe or large trench digger is the easiest and best method of digging providing there is access to the site for the digger as well as a truck to cart spoil. Do an excavation to be 2 inches deeper than the required depth of the pool, any deeper will only present backfill compaction problems, but if it is necessary to backfill an overdeep area the fill must be well heeled into cavity to minimize settling when the pool is finally filled. Dig out sufficient room for the fitting of eye ball fitting and skimmer box. Level out soil in the bottom of the excavation to a uniform level or grade.

Framing and Lining out Pool

As detailed in diagrams, the framing pegs are set at a wall angle of 3 inches to every 12 inches in depth, ^{which is suitable to the stability of the sand backfill mentioned later.} 2"x2" Pegs or wall framing are set out to 3/16" Hardiflex sheet sizes but at no greater centre than 4 feet apart. Place corner pegs first and use a string line top and bottom to line wall pegs. After all pegs are positioned these are cut at the top to a level line and 2 inches below the required top edge of the finished fibreglass. ^{IN PLANNING} Fix a 3x2 gauged timber top perimeter rail nailed to the top of 2x2 pegs. A whaler is now fixed at ground height against wall pegs to hold pool sides straight. ^{WHALER CAN BE SELECTED BACK AND} Pegged into firm ground. ^{AND CHECKED FOR CITY CODE} A 2 x 2 timber is fixed against pegs at the bottom perimeter at the height of the pool floor. After framing is complete 3/16" Hardiflex is fixed to the walls nailing at 8" centres to hold sheets firm. Bottom of sheets to be 1" approx. below floor height. Cut out opening for the skimmer throat.

Hydrastatic Valve

Make preparation for construction hole type valve, Diagram supplied, which is to be placed as near as possible to the floor. Drill a 3/8" hole one inch above floor level. Behind this hole centre a 4" land drain 14" long, around which is packed 2" chips or similar to allow water absorption at this point. In some cases it may be necessary to include extra land drain to the hydrastatic valve for extra drainage where a site may have an underground spring, which during construction of the pool water may be pumped from this point, to keep the area dry while laying pool base and also fibreglassing.

POOL FLOOR

98/21

Instead of using Hardiflex on the floor - which shows joints etc. after a time of useage, it is found better to use a weak plaster mix (approx 6 -1 sand & cement) in the floor. Mark the floor height and place floor screeds. Usually screeds are 2"x2" around perimeter of the pool, fastened to the wall sections, and a 2"x2" thru the centre of the pool floor which is set on top of pegs and withdrawn as the floor is screeded off. Work plaster up to a steel trowell finish. Coving may be formed while pool floor is being poured, or the next day after the floor is set enough to walk on. Care must be taken not to damage the floor plaster surface as any marks will show thru to the surface of the finished glasswork. Step treads are poured in conjunction with pouring the floor and using the same method of coving.

Steps

Steps are able to be positioned inside or outside pool size but care must be taken not to disturb too much backfill which is difficult to compact as over ramming will bow the rises of the steps.

2"x2" and 3"x2" timber is used to frame steps and it is best to work from the bottom framing lining and backfilling each step working to the top still leaving 2½" for the plaster mix treads.

Coving

2½" Coving which has the back cut away will fit into internal corners of sides and around steps. Coving should fit as neat as possible to avoid thick fibreglass build up. With a grinding disc or similar smooth off external corners of steps and any external corners of the pool.

Skimmer Box

Skimmer should be located at the end of the pool, or in a position to collect leaves etc. blown by the prevailing wind, and if possible near to the filtration plant. Mark top edge of throat 2 inches down from the top edge of the perimeter rail, then mark the width and depth of the cut. Cut Hardiflex with a carborundum disc in a skill saw, then fit skimmer box into place. Nail secure with two galvenised flat head nails up into perimeter rail. Pack up the back of skimmer box to hold firm. In the case of using a Distemide filter (FDV/20/C.5) on the end of the pool, a special throat is supplied which is fixed to the filter before fitting the filter into place. The throat and filter are fixed together with a thickness of Bondifill or similar, and pop rivited, or bolted together before the bondifill has set. When this is done clean off inside edges and apply 2 thicknesses of 4" chopped strand mat and resin to hold firm. Refer to Filter FDV/20/0,5 mentioned later.

Masking Tape

Any gaps in the hardiflex sheets must be covered with masking tape.

Backfilling and Poolfilling

After a curing period of 6-10 days after final spray coat, the pool is ready for filling with water and at which time backfill is placed around the outer sides of the pool. Keep water running into the cavity behind the pool wall. Keep water above the backfill level by 12" and with a straight edge compact sand and keep pool sides straight ensuring good compaction around filtration pipes.

98/21

To concrete finishing and aggregate

Once it is decided on the height of the pool surround etc. concreting may begin after checking that all the backfill is completed and any P.V.C. pipes are covered with a layer of sand to stop any shrinkage and settling from damaging the pool plumbing.

The normal width of concrete around a pool is 4'6" which when the exposed aggregate is finished gives a walking width of approx. 3'6". With 3"x 1" box around the outside perimeter of the pool to the specified size of concrete required and keeping a fall of 1" away from the pool. This will stop water backing up to the pool and stop puddling. If there is a concrete block to go around the perimeter of the pool (to lift the exposed aggregate slab) it may be necessary to also box the inside size of the concrete to allow screeding off. Place two rods of $\frac{1}{2}$ " steel around the inside size of the concrete. After the concrete is poured it is preferable to section the surround into slabs (with a jointing trowel) of about 10' sizes to form a controlled expansion and contraction joint. Trowel off the concrete to a fine finish with a steel float.

After the concrete has dried the concrete block surround is placed to the required size to suit the exposed aggregate top cap. If the surround blocks are up to one 8" block high there is no need for any more steel than the two rods in the surround concrete, but if blocks are higher than one high, steel must be used accordingly and to comply with N.Z. standard building specifications. After concrete blocks are layed concrete is poured into the top 8" cavity and against the back edge of the pool, insuring that concrete is well compacted under the top outer edge of the pool to form a pool wall restraint and also giving a good bond for the aggregate cap when fixed.

The exposed aggregate cap can now be fitted and cemented down. Lay agg. slabs in place around the entire pool, marking any cuts to be made on angles and corners and insuring there is sufficient slabs for the job even though a slab may break while cutting. Now begin laying slabs with joints no more than $\frac{3}{8}$ " gap for square pointing. Clean off any mortar which may be on the edge of the pool and try not to get too much sand and cement into the pool which has to be cleaned out with a pool vacuum cleaner. An excess amount of cement will raise the p.H of the pool to a dangerous level which must be reduced back with small p.H minus or hydrochloric acid, but the idea is to keep the pool as clean as possible.

MAYFAIR FIBREGLASS SWIMMING POOLS

PLUMBING - SAND FILTER s.s. FL8/1/0.5

Before backfilling is started or filling the pool with water, the pool must be plumbed out to the filtration plant, as well as any pool heating. The filtration plant should be placed within 35' of the skimmer box.

Any pipe work should be P.V.C. Class D well bonded at the joints with the recommended solvent cement. Keep pipework as neat as possible with a minimal amount of bends to overcome any twigs or leaves becoming blocked at these junctions. All pipework around the pool and under concrete should have a sand barrier around the pipe to stop any possibility of rupturing the pipe with any ground movement.

Take an 1½" pipe from the skimmer box to the filter motor (the supply line) from the filter take an 1½" pipe back to the adjustable eyeball fittings, which should be jointed at a central point of the eyeball fitting to equalize the return pressure.

In case of any servicing of the filtration plant, a P.V.C. Union should be used on each pipe to and from the filter. An 1½" wheel valve should be used near the filter on the return side to control the back pressure of the filter. The backwash pipe should reduce down to a 1" pipe and lead to the sewerage drain age. The 1" pipe being a small enough return to build up a back pressure so that the filter bed will not tumble during backwashing.

Other than these instructions use the manufacturers installation and running details.

Topping up method will be the funnel system.

98/21

98/21

ASSESSED REQUIREMENTS

File No. 11 92

TOWN PLANNING

[illegible]

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. ☐			Copper ☐	Gal. Iron ☐		
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 Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing Concrete
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

\$

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Within 2000 days after 10/1/82

Approved *35/4*

Not Approved

Approved *PLB*

Not Approved

Approved *PL 2/12/82*

Not Approved

Approved *PL*

Not Approved

Approved *202*

Not Approved

98/21

Approved OW 1/17/82
Not Approved _____

Approved _____
Not Approved _____

FEES:		
Bldg.	1000	17-82
Water Bldg.		I
B.T.L.		I
TOTAL		\$ 17.00

Approved 8-4-29-11-82
Not Approved _____

Approved_ _ _ _ _
Not Approved_ _ _ _ _

Recommended _____
Not Recommended _____

Approved _____
Approved 3/12/82 _____

Not Approved_ 3/12/82 _ _ _

98/21

2. COMMENTS TO BUILDING INSPECTOR

White Plan

[illegible]

98121

RECORD OF INSPECTIONS AND AMENDMENTS ALLOWED.

Note: Each entry to be signed.

DATE

6/9/55

Needs 2 N418 to files.
Otherwise complete

INSPECTOR

CBI

98/21

NEW PLYMOUTH CITY COUNCIL

11 92

23/566

FOR OFFICE USE: File No. _____ Check Sheet No. _____
 Receipt No. 13326 Sewer Sheet No. 241
 Date of Receipt 11/33 Zone Res R1

26 NOV 98

TO THE CITY ENGINEER

Date _____

APPLICATION FOR BUILDING PERMIT

Lot No. 3

At (House No.) 21 Carlton Tce.

D.P. 9907

For erection of Changing shed.

Sec. No. _____

OWNER E. Wynd.

ADDRESS as above.

Proposed Use Private.

Foundation Conc.

Walls Timber. Roof Iron.

AREA of Site _____

AREA of existing buildings _____ M²AREA of existing accessory buildings _____ M²AREA of Building in application _____ 9.3 M²

Builder Self

Address _____

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required	Yes / No	Supplied	Yes / No

Total Value of Building

\$ 1000-00

Sanitary Plumbing and Drainage

\$

Value of Building for Permit

\$ 1000-00

Water for Building

Building Research Levy on

\$

Hoardings Mths @

FOR OFFICE USE

Corrected Value Fees

TOTAL FEES BUILDING

Starting Date _____ Finishing Date _____

NAME AND ADDRESS OF APPLICANT

E Wynd.

21 Carlton Tce

Phone 33479

Signature of Applicant _____

Signature of Owner _____

98/21

notes

all carpentry shall be in accordance with NZS 3604.

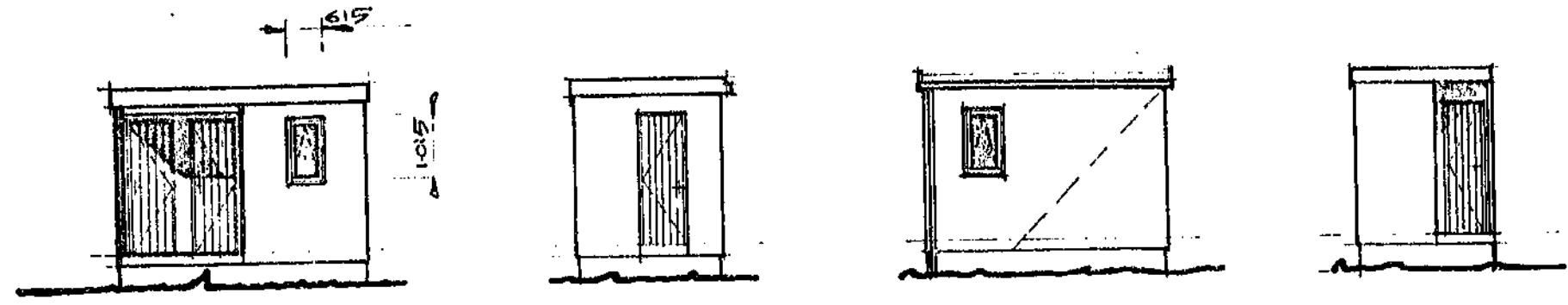
Decking material - ex 100x40

Doors TG+vee

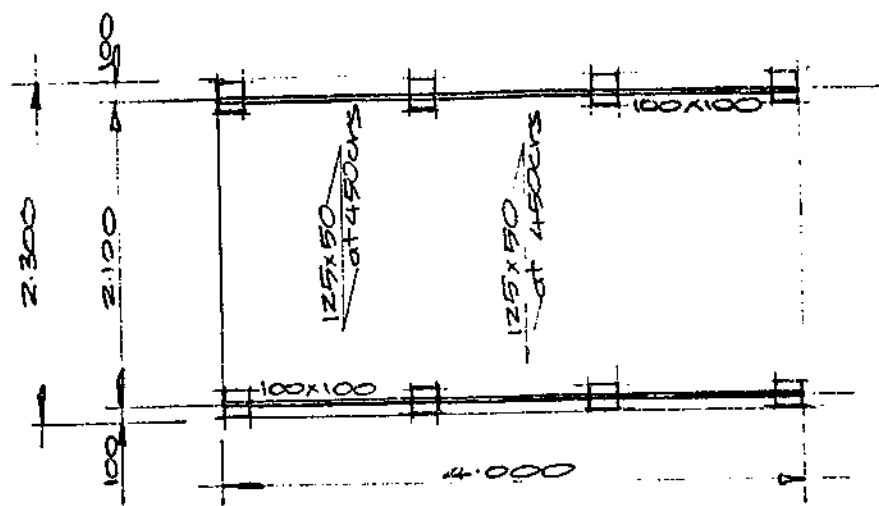
Cladding 4.75 Hardiflex

11 92

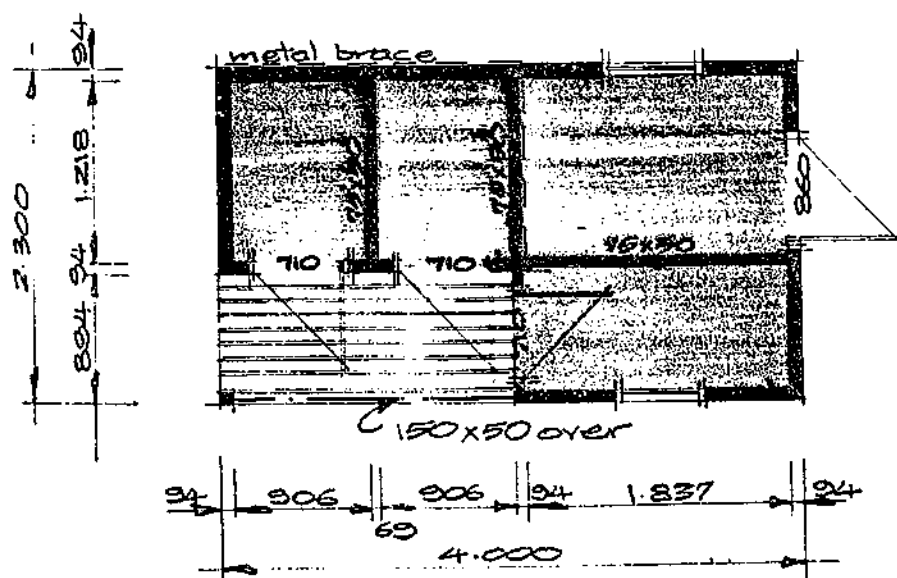
26 NOV 98



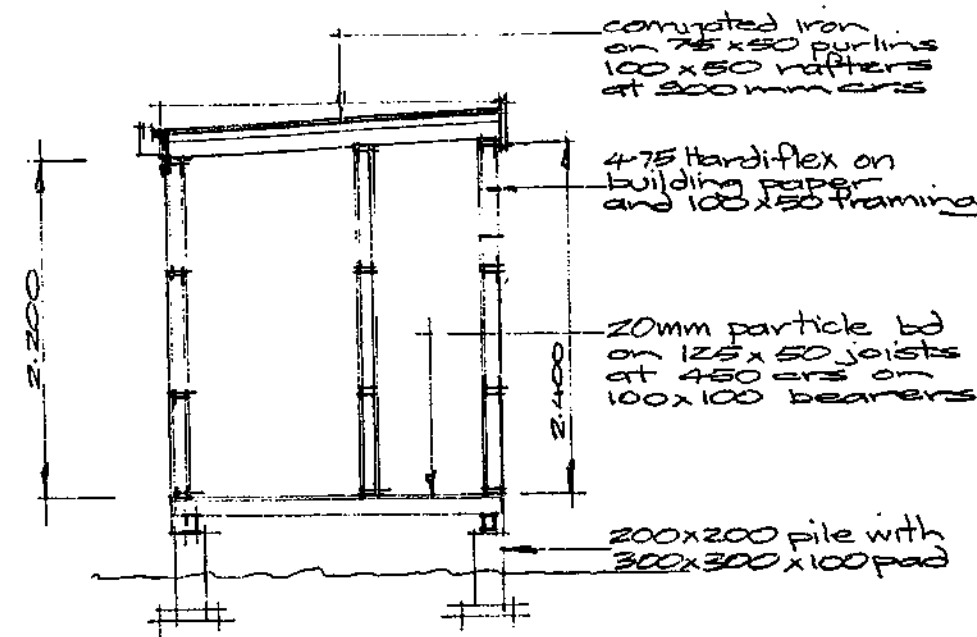
elevations 1:100



pile layout 1:50



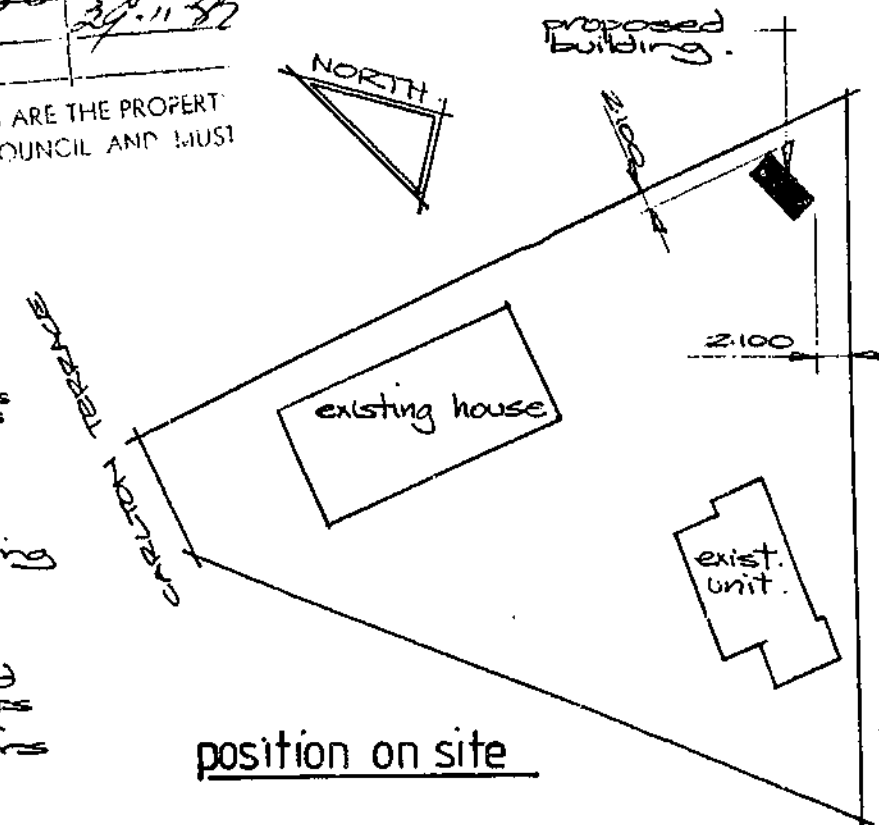
floor plan 1:50



section 1:50

NEW PLYMOUTH CITY COUNCIL
APPROVED FOR TYPE, USE, SITING, COVERAGE
AND CONSTRUCTION IN ACCORDANCE WITH ALL RELEVANT ACTS,
REGULATIONS AND BYLAW ADMINISTERED BY THE NEW PLYMOUTH CITY
COUNCIL
DATE 26.11.82
2.11.82
3.11.82
PLANNING
HEALTH
COUNCIL
OFFICIALS
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY
OF THE NEW PLYMOUTH CITY COUNCIL AND MUST
BE KEPT ON SITE.

VERIFYING TO BE
COMPLETED BY
3.12.82



MULTI-PURPOSE BUILDING for E. WYND. ———
CHANGING ROOMS, PUMP ROOM, GARDEN SHED,

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No.

6.24

Project: <u>1. Flat</u>	Check Sheet No. <u>9022</u>
Owner: <u>C. Wynd</u>	Sewer Sheet No. <u>241</u> Plotted: <u>AC</u>
Address: <u>21 Canton Tce.</u>	Zone: <u>R-1</u>
Lot No. <u>3</u> D.P. <u>9907</u>	Sec. No. _____ Area of Site: _____

TOWN PLANNING

Designations	
Area of Buildings	
Coverage	
Maximum Height	
Front Yard	
Relat. of Bldg. Size: (1) Rear Yard	
(2) Side Yard	
Open Space	
Grazed 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:

It is required that one additional off street car park be provided for the proposed flat the location of the proposed car park is to be shown on the site plan.

Approved _____

Not Approved _____

S E R V I C E S

08/21

A SEWER CONNECTION

STORMWATER CONNECTION

Existing Service _____
 Required Service 100 mm
 Location 13m. from Left Bdy.
 Depth _____
 Special Requirement _____
 Common Drain _____
 Fee \$ 150

Fee \$ _____

FEE

\$150

B WATER CONNECTION

Existing Service 1/2"
 Distance from L/ Boundary _____
 Distance Main to Boundary 30'-0"
 Boundary to Load 30'-0"
 Required Service 1/2"
 Meter _____

Height above Datum 270'

FEE

\$80

C PLUMBING

No. Fittings W.Cs 1 Baths 1 Basins 1 Sinks 2 Showers 2 Tubs 2 Others _____
 Total Values 12
 Supply Pipe Sizes 3/4" 1/2" P.V.C. ☒ Copper ☒ Gal. ☐ Iron ☐
 Backflow Prev. N/A
 Other Fittings N/A
 Estimated Value \$1000.00 Plumbing Fee _____

DRAINAGE

Existing 4" Required 4" to sewer connection
 Fittings Required Traps - Vents etc
 Common Drain N/A
 Septic Tank N/A
 Stormwater Soakaway Pit
 Estimated Value \$200.00 Drainage Fee _____

Total Estimated Value P. & D. \$1200.00

FEE

\$9.00

D: VEHICULAR CROSSINGS

Type of Footpath Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq. Yds. _____ Level at Boundary _____

STREET WORKS FEE \$ _____

DEPOSIT DAMAGE FEE

\$ _____

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

98/21

Approved

N.D.

Not Approved

Each unit is to have its own 150 supply
and 100 mls

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

98/20

Approved M. Kern
Not Approved _____

Approved
Not Approved

FEES:		
Bldg.	9800 00	36 - 00
Water Bldg.		7 - 00
B.R.L.	11000 00	5 - 50
TOTAL		\$ 43 50

Approved 456
Not Approved _____

Approved_ _ _ _ _
Not Approved_ _ _ _ _

Recommended _____
Not Recommended _____

Approved
Not Approved

98121

r Dudding
0254:RLB

16 June, 1976

Mr & Mrs C Wynd,
2 Reo Moana Flats,
Plymouth Street,
New Plymouth.

Dear Sir/Madam,

Your application dated 9 June, 1976, for permission to erect a flat at house No. 21 Carlton Terrace, being Lot 3, D.P. 9907, has been examined and in accordance with the provisions of Clause 2.9.1 of Chapter 2, NZSS 1900, I have to advise that because insufficient information has been supplied relative to Acts, Regulations and By-laws administered by Council, the issue of the required permit is withheld until the following information has been supplied by way of amendment or addition to the plans and specifications deposited.

As soon as the requirements scheduled below have been satisfactorily attended to the permit will be issued within the time of six (6) days as stipulated by the By-laws and subject to the required fees having been paid.

Town Planning:

It is required that one additional off street car park be provided for the proposed flat. The location of the proposed carpark is to be shown on the site plan.

Council Officers will be pleased to assist at your earliest convenience.

Yours faithfully,

N.G. HARRIS,
City Engineer.

98/21

9022

- 9 JUN 1976

Date 11-6-76

Lot No. 3

D.P. 9907

Sec. No. 21

ADDRESS 2 REG MONNA FLATS N.P.

Walls CONCRETE BLOCK Roof HARVEY TILE

0.1 13.6

132.63 M²

NIL M²

67.08 M²

Address.....25 Bove

Address 60 POWDERHAM ST. N.D

..Address..

Yes / No

\$ 11 000

\$ 1200 ~~76~~

\$ 99.00

3

§

TOTAL FEES BUILDING

...Finishing Date 11-9-67

Mr. & Mrs. C. W. A. D.

Phone 89296

25 April

45 mg/ml

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEERS' DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

98/21

To the City Engineer

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

Phone No: 89296

House No. 218 Street CARLTON TERRACE

Lot No. 3

D.P. 9907

OWNER Mr. Mrs. C. WYNNE

Area of Site 0. 1. 12. 6

ADDRESS 3 RED MOANA FLATS WEYMOUTH N.P.

Signature of Applicant

Signature of Owner

Proposed Use RESIDENCE

When Required

Position L/ Boundary to C/ Line

Proposed

WATER CONNECTION

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

Common Drain

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer K. BINT

Value of Proposed Work

Plumbing \$ 770

Drainage \$ 130

P.V.C. Copper Galvanised Iron

Water Supply Materials

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify)

FOR OFFICE USE

File No.

Date 9 JAN 1976

24 Rec. No.

Zone

2249

Res R1

Check Shit. No. 9022

Sewer Shit. No. 241

FEES Sewer

Water

P & D \$ 2.00

Veh. Crg

PLEASE ADDRESS ALL LETTERS
"THE CITY ENGINEER"
PRIVATE BAG NEW PLYMOUTH

FOR FURTHER ENQUIRIES PLEASE ASK FOR
Mr. Dudding
REF. N318 R.B



98/21

TELEPHONE 88059
80 LIARDET STREET
NEW PLYMOUTH

City Engineer's Department

11 May 1976

- 9 JUN 1976 6 24

Messrs Govett Quilliam & Co
P.O. Box 742,
Barristers & Solicitors,
NEW PLYMOUTH.

Attention Mr Irwin.

Dear Sir,

Proposed Grouped Dwelling Units
21 Carlton Terrace.
Lot 3 DP 9907

The pencil sketch plan of a second proposed dwelling unit on the above site has been examined and there appears to be no reason why such a unit cannot be erected.

The site is a large front site, and Grouped Dwelling Units are a predominant use in the Residential R1 zoning that applies to the site.

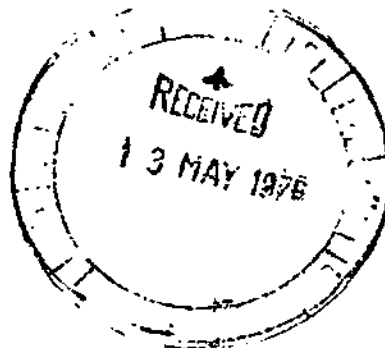
There are a number of yard restrictions etc that apply to such buildings but because of the large area of the site, and the central position proposed for the building the only specific requirements that appear relevant are:

- (a) The new building should be 9 metres (30ft) from the existing house, or alternatively joined to it.
- (b) The building should be 10 feet from the rear boundary.
- (c) An extra carpark will need to be provided for the extra dwelling unit.

This letter cannot be taken as final approval of the proposal as full plans for a building permit would be necessary, and more specific siting and development plans may indicate other problems. (e.g. height problem, problems of getting extra parking etc.) However from the information given the proposal appears feasible.

Yours Faithfully,

I.H. Dudding.
Town Planning Officer.



98/21
6 24

6-24

(N.A.) = Not Applicable

- ## 2. - Insurances:

NEW MEMBERSHIP SOCIETY

TOWNS PLANNING		
PUBLIC HEALTH		
BUILDING		
ENGINEER		
DATE		

4. **Payments:**

The Contractor shall conform in all respects to the By-Laws of any Local Authorities having jurisdiction over the work, and all relevant N.Z. Standard Specifications.

5. Prime Cost Sums:

The expenditure of P.C. sums shall be under the control of the Employer and any adjustments, over or under the sum allowed shall be added to or deducted from the contract price together with any profit allowed.

- All materials shall be the best of their respective kinds specified or implied, and anything not specifically mentioned, but necessary in accordance with the usual custom of the trade, or necessary to the proper completion of the work shall be allowed for by the Contractor.

7. Period of Maintenance: The Contractor shall maintain the works in a thorough state of repair for a period of thirty (30) days after the owner has accepted the works as complete. After the expiry of the maintenance period the contractor shall make an inspection of the works and make good any defects to the satisfaction of the owner.
8. Damage: The Contractor shall be held responsible for and shall make good any damage to adjoining property, embankments, paths, roads, fences etc.
9. Temporary Power & Water: The Contractor shall be responsible for the supply of electric power and water for all trades. He shall make arrangements and pay all fees and running charges for temporary installation, running costs and remove same at completion of the contract.
10. Site Clearance: At completion of contract clear away all sheds, plants, gear, rubbish etc, and leave buildings and site clean and tidy. Floors shall be swept, glass cleaned inside and out, sanitary fittings cleaned and the premises left ready for occupation.
11. Excavations: Excavate for foundations, steps etc to the depths shown or to solid bottom. Excavate for drains to depths or to specified. Excavate for all other services required by any particular sub-trade.
12. Concrete Work: Maintain all excavations and fillings against subsidence or settlement. Keep all excavations free of water seepage or debris. Clean out foundation excavations prior to placing of reinforcing steel and maintain same both clean and dry until concrete is poured. All concrete work shall be carried out in accordance with NZSS 1900, Chapter 9.3A and its amendments.

Immediately before placing, formwork shall be cleaned out and construction joints prepared. Concrete shall be handled as rapidly as possible from the mixer to the final position in the formwork. Concrete shall be conveyed and it shall be that no segregation takes place and it shall be immediately spaded, tamped and rammed into position. No layer shall be more than 45 minutes old when fresh concrete is placed on it. Any joint when more than 45 minutes shall be treated as a construction joint and left for a period of not less than 24 hours. Concrete shall be thoroughly worked and consolidated around steel reinforcement and into all parts of the formwork so that no voids or cavities are left.

Co-operate with other trades and form all necessary openings, recesses, ducts etc. Build in all bolts, plugs, grounds etc as required.

Formwork shall be accurately set out, straight and true, strong and rigid, well braced, tied and strutted and close jointed to prevent leakage. Formwork shall be removed carefully without causing any injury to the concrete.

Concrete Work Continued: The minimum time between placing of concrete and removal of formwork shall be three days for walls and seven days for slabs.

All concrete shall be adequately protected against damage.

Concrete slabs shall be kept moist for a minimum of seven days after initial set by spraying, the use of wet sacks or other approved methods.

13. Concrete:

Concrete which is to be reinforced shall be ordinary grade concrete proportioned to give a workable dense concrete of not less than 17.5 MPa crushing strength at 28 days. The maximum aggregate size shall be 20mm and the minimum content shall be 320 kg/cu metre.

Concrete used for filling masonry cavities, bond beams etc, shall have a minimum crushing strength of 17.5 MPa at 28 days and a maximum aggregate size of 12mm.

Site concrete shall have a maximum crushing strength of 10 MPa at 28 days.

14. Reinforcement:

Before using in the work and immediately prior to concrete placing, all reinforcement shall be free from dust, dirt, loose rust and mill scale, paint, oil and all other deleterious substances. Reinforcement shall be accurately placed in accordance with the drawings and firmly secured with 1.60mm soft iron wire at intersections as required. Ties or stirrups shall be bent tightly around the main reinforcing. Laps shall be 40 diameters for plain bars and 32 diameters for deformed bars.

15. Piles: (N.A.)

Piles shall be 200 x 200 precast concrete with wires embedded. Piles shall project at least 450mm above ground and be set in 300 x 300 x 150 concrete pads.

16. Ventilators: (N.A.)

Set in foundation walls where necessary precast concrete ventilators. Space at 1.800m centres and not more than 750mm from each corner.

17. Porches & Steps:

(N.A.)

Walls to be 125mm thick concrete. Porch floors to be 100mm thick reinforced with heavy wire mesh or 10mm R.M.S. rods at 400mm centres. Steps to be formed of concrete and treads to be at least 230mm and risers not more than 175mm. Slabs, steps to rest on properly rammed hardfill.

18. Blockwork:

All concrete masonry work shall conform to the requirements of NZS 1900, Chapter 9.2 1964. Concrete for filling cavities and reinforcing steel shall be as in section 13 and 14 above. All work shall be carried out by tradesmen skilled in concrete block construction. Place all vertical reinforcing in the centre of of cavities. Fill all reinforced cores and bond beams with concrete as work proceeds.

19. Brickwork: (N.A.)

All brickwork shall be in accordance with the requirements of NZSS 1900 Chapters 6.1 and 6.2. Bricks shall be laid in stretcher bond true to line; level and plumb and in accordance with best trade practice. All work shall be laid from the lowest corner and no corner shall be raised more than 900mm above wall line. Toothing will not be permitted. All joints will be completely filled with mortar and the bricks shall be shoved into place at least 12mm. Joints shall be not more than 10mm thick and shall be tooled as work proceeds.

20. Timber:

All timber to comply to the NZSS No. 169 or Variations approved by the Housing Corporation, but to be generally as follows:-

Sub Floor: (N.A.) Tanalised No 1 Framing Grade Radiata Pine, Rimu, Matai or Building A Grade Rimu, Matai. Heart Rimu, Matai, No 1 Framing or Building A Grade.

Framing: Boric or Tanalith Treated No 1 Framing Grade Radiata Pine.

Exterior finishing timbers: Tanalised Dressing A Grade Rimu, Matai, Radiata Pine or Heart D.A. Rimu, Matai

Interior finishing timbers: Treated or Heart Dressing A Rimu or Matai

Cupboard Fitments etc: Treated Factory Grade Radiata Pine and Particle Board.

Flooring Timbers: 20mm H.D. Flooring Grade TWP Particle Board.
(N.A.)

21. Seasoning:

All timber must be well seasoned as is procurable, either in the open air or kiln-dried. Joinery timber and other dressed timber shall be machined only after its moisture content has been reduced to 12-18% based on oven dry weight.

22. Damp Proof Course:

Between all faces of timber in contact with concrete or concrete masonry, place a full width, length and height layer of approved 3 ply bitumen fabric D.P.C.

23. Sleepers: (N.A.)

To be 100x75 wired or bolted to foundations and scarfed and halved.

24. Floor Joists: (N.A.)

To be spiked together over sleepers.

25. Wall Plates:

To be 100x50 halved at joints and angles and to have 16mm holes between each stud. Holes in bottom plate to be vermin proofed.

26. Studs:

100x50 at not more than 450mm centres 75x50 for non-bearing walls.

27. Dwangs:

3 rows to each wall, minimum size 75x50.

28. Braces:

150 x 25 or 22 x 22 x 1.2 galvanised steel angle cut flush with framing.

29. Lintels
- | | |
|-------------------|----------|
| up to 900mm span | 100x50 |
| up to 1.350m span | 100x75 |
| up to 1.800m span | 2/100x50 |
| up to 2.250m span | 2/125x50 |
| up to 2.700m span | 2/150x50 |
| up to 3.400m span | 2/200x50 |
30. Ceiling Joists: 100x50 at 500mm centres maximum.
31. Runners: 100x50 across all joists spanning 2.400m or more. Where span of runners is 2.400 to 3.600m runner to be 125x50 and 150x50 where span is more than 3.600m.
32. Rafters: 100x50 at 900mm maximum centres. Support with 100x50 under purlins. Struts of 100x50 and collar ties of 150x25 to alternate rafters.
33. Trusses: Approved nail plate trusses (in lieu of rafters etc) to be at 900mm centres. Securely fix to wall plates with 'Trip-L-Grips'. Brace according to manufacturers recommendations.
34. Purlins: (N.A.) 75x50 at 750 centres maximum.
35. Hips and Ridges: (N.A.) To be 200x25.
36. Valleys: (N.A.) Valley rafters to be 100x50, valley boards to be 150x25.
37. Fascia Board: ex 150 x 30.
38. Eaves & Exterior Ceilings: Line with 4.5mm flat asbestos cement board. ~~Frame with 75x50.~~
39. Exterior Wall Cladding: Highline asbestos cement board to gable ends.
-
40. Flooring: (N.A.) To be 20mm HD Particle Board. Sand on completion.
41. Finishing Timbers: Architraves - ex 50x12
Skirtings - ex 75x12
Cornices - 40mm Scotia
42. Building Paper: Line exterior face of external walls with a standard weight building paper laid horizontally with 100mm laps. Replace any paper that becomes torn during construction.
43. Internal Linings: (Timber framed walls only)
- | | |
|------------------------|-------------------------------------|
| Walls; Laundry: | 4.75mm Pinex Hardboard |
| Toilet: | " |
| H.W. & linen Cupboard: | " |
| Kitchen: | 9.5mm Gibraltar Board |
| Bathroom: | 4.75mm Lamiwall or similar approved |
| Shower: | " |
| Dinette: | " |
| Bedrooms & Wardrobes: | 9.5mm Gibraltar Board |
| Passages: | " |
| Lounge: | " |
| Stairway: | " |
| Rumpus Room: | " |
| Family Room: | " |
| Garage: | " |
- Ceilings; 12mm Pinex Softboard plain panels 600x300 on 75x40 battens at 300mm corners.

57. Roof Underlay:
(N.A.)

Cover the roof frame with 50mm x 19 gauge galvanised wire netting lightly stretched and stapled to the framing. Cover the netting with medium weight building paper. Lay with 50mm laps and secure to purlins with large headed galvanised clouts. Damaged paper shall be replaced.

58. Roofing: (N.A.)
See Addenda

Roofing shall be 0.45mm gauge galvanised corrugated iron. Fix roofing with leadheaded nails nailing at every second corrugation at ends and every third corrugation at centres. Corrugation at centres. Cut iron neatly to hips and valleys with 50mm overhang at spouting and valleys. Hips and ridges to be covered with lead edged 0.6mm galvanised iron. Fix lead capping pieces at junctions of ridges and hips.

PLUMBER

59. Preliminary:

Comply with all regulations, take out all permits and pay all charges. All work shall comply with the 'Plumbing and Drainage Regulations' 1959 and any subsequent amendments.

60. Materials:

All materials including pipes, fittings and fixtures shall be the best of their kinds and shall fully comply with the requirements of their respective standards.

61. Flashings:

Allow to supply and fix all flashings as required to make the building absolutely watertight.

62. Cold Water:

Lead in from main supply in 12/20mm rigid PVC to an approved pressure reducing valve system or a 135 litre high density polythene supply tank in roof. Supply tank to be complete with galvanised tray and overflow. Lead branches to W.C., Tub, Shower, Sink, Handbasin, bath and outside hoesetaps.

63. Hot Water:

Supply and fix a 135 litre hot water cylinder and lead in copper to sink, bath, basin, shower and tub. Lag all pipes and provide exhaust through roof and sludge outlet.

64. Spouting and Downpipe:

Provide and fix approved PVC spouting and downpipes complete with all necessary fittings. Fix with graded falls to downpipes strapped to walls with 2 straps per downpipe.

65. Toilet:

Supply and fix a white porcelain pan with plastic double flap seat. Supply and fix an approved flushing cistern complete with all necessary fittings.

66. Waste Pipes:

Carry waste pipes from all fittings with traps, cleaning eyes etc, as required. All wastes to discharge over gully traps and be in short easy runs securely supported.

67. Vent Pipes:

Carry all vent pipes to drains and fittings as required by the Local Authority. Conceal where possible within framework.

68. Taps:

Hoesetaps to be brass. All other taps to be approved C.P. marked Hot and Cold. Allow the P.C. sum of \$ for the purchase of all taps and mixers as selected by the Owners.

~~18mm~~ 35mm

BUILDING FILE

Code No. 98 / 01

Subject DWG
8/POOL
CHANGING SHED
GARAGE
1 FLAT

Permit No R 7389
L 8009
13281
82556
82706

Date 30.7.73 11.9.81

5-1-83 3-6-76 24-6-76

No. Sheets 4

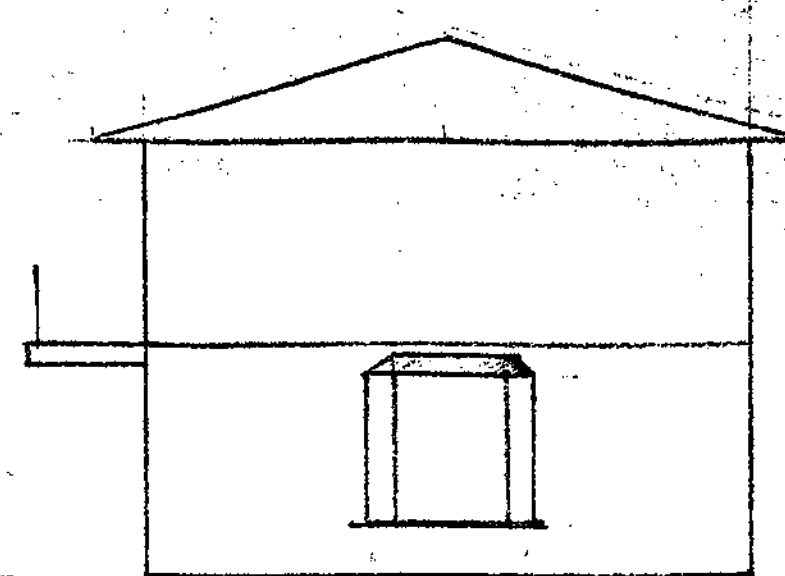
98/21-
 33
 26 NOV 1976

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

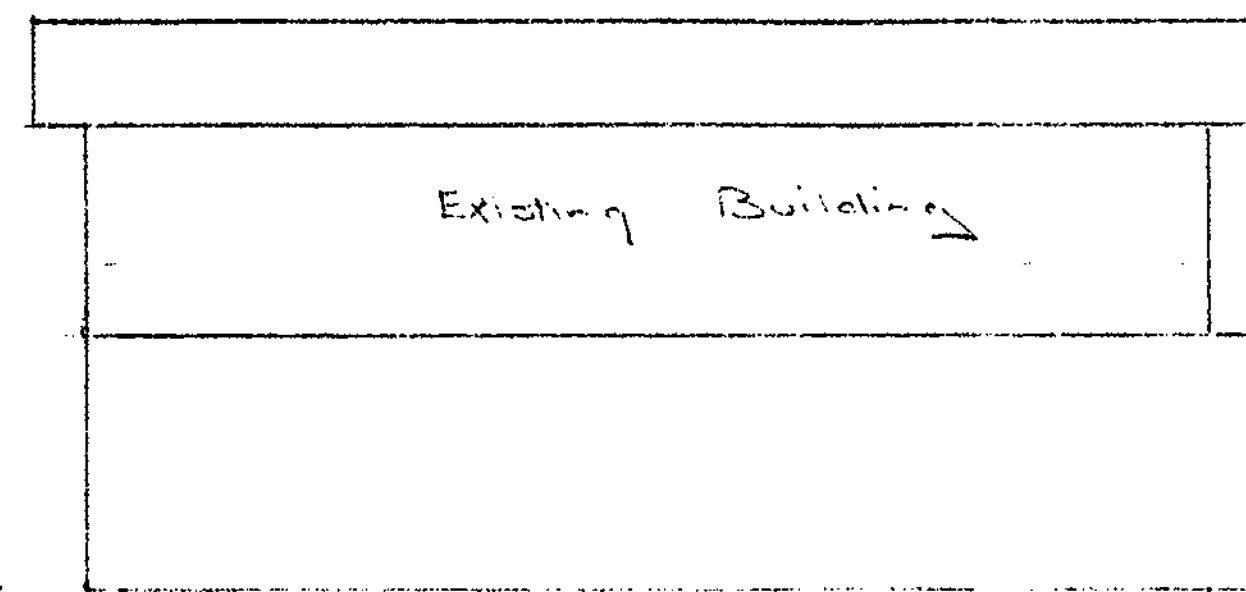
TOWN PLANNING *[Signature]* DATE *1-6-76*
 PUBLIC HEALTH *[Signature]* *1-6-76*
 BUILDING *[Signature]*
 ENGINEER *[Signature]*

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

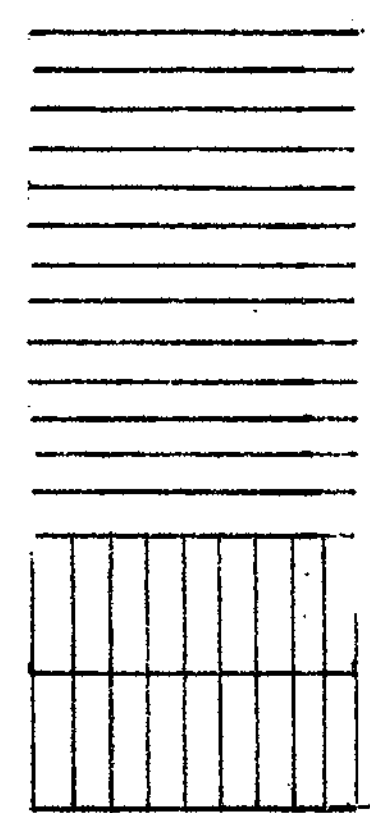
GETTING TO BE
 COMPLETED BY
 2ND JULY 1976



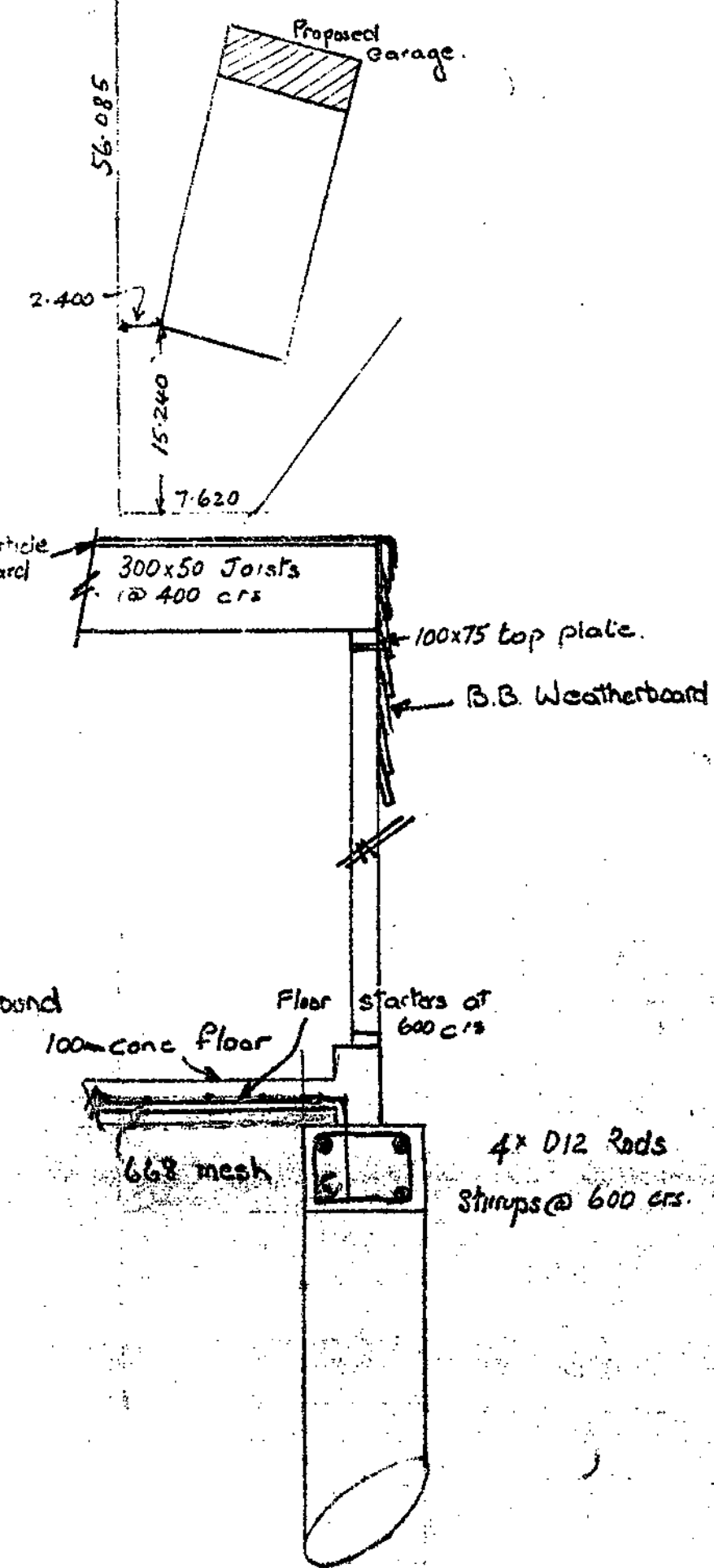
EAST ELEVATION



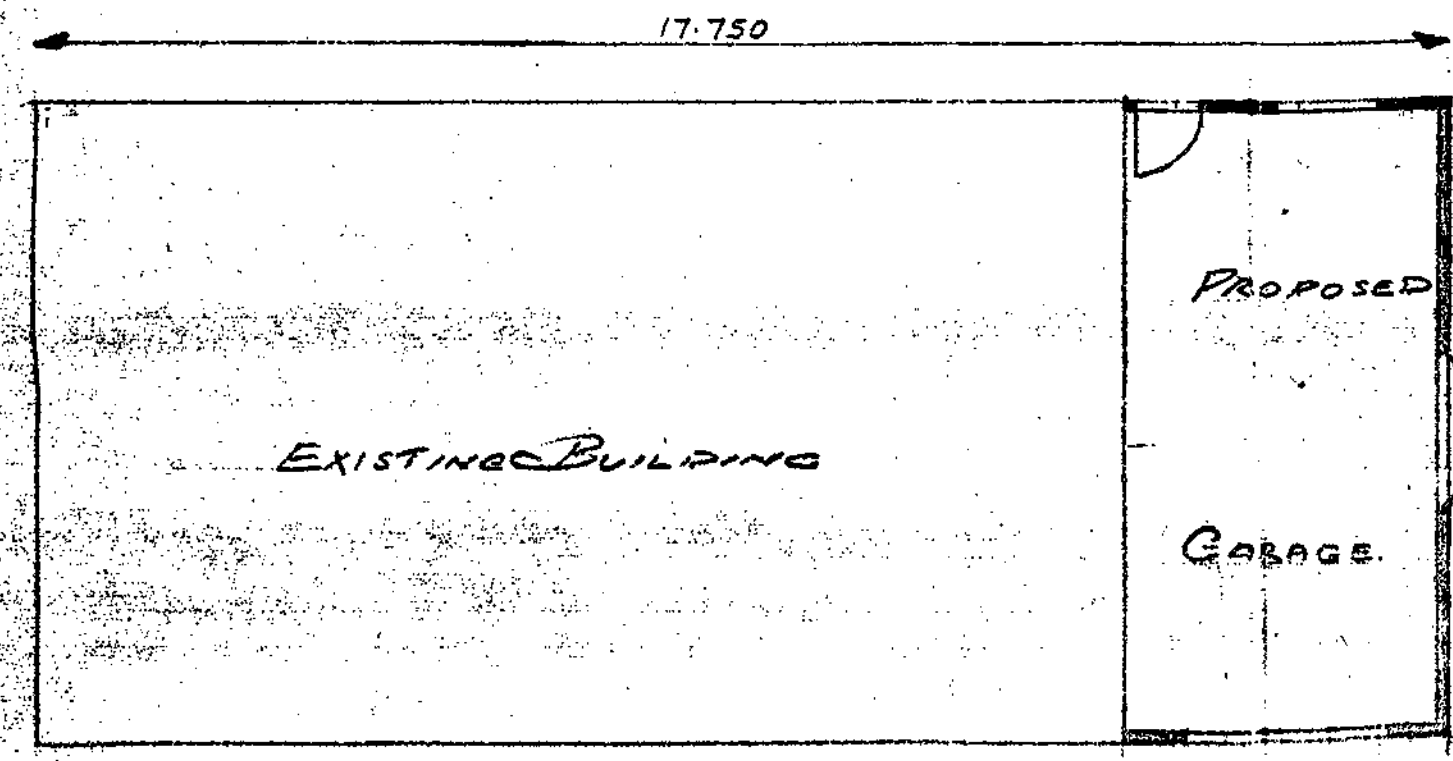
SOUTH ELEVATION



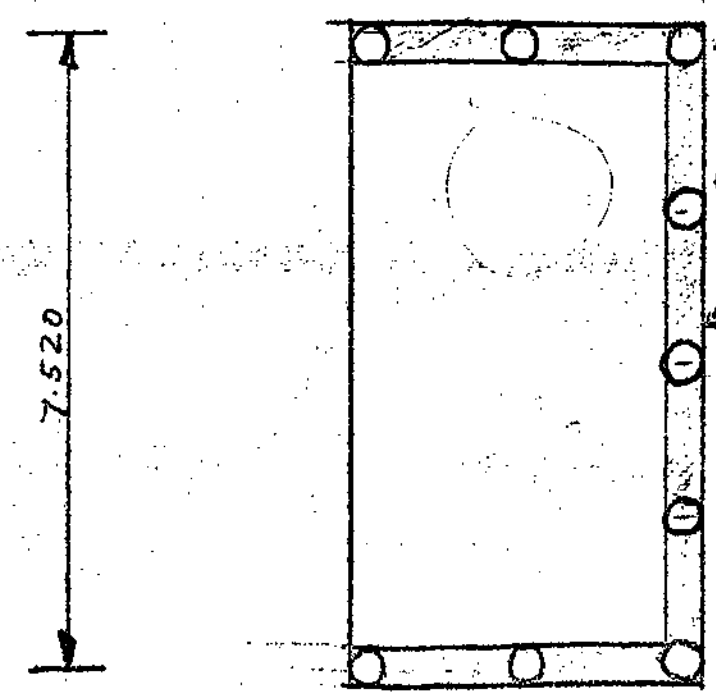
JOIST LAYOUT



WALL SECTION



PLAN

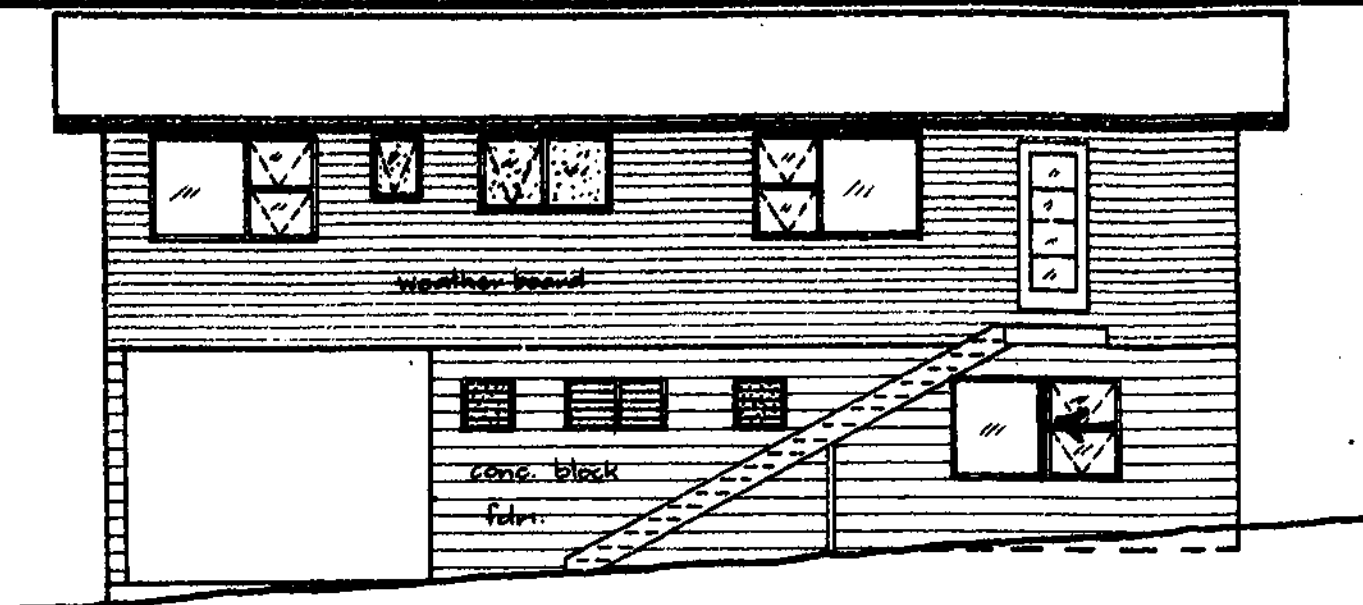


FOUNDATION PLAN

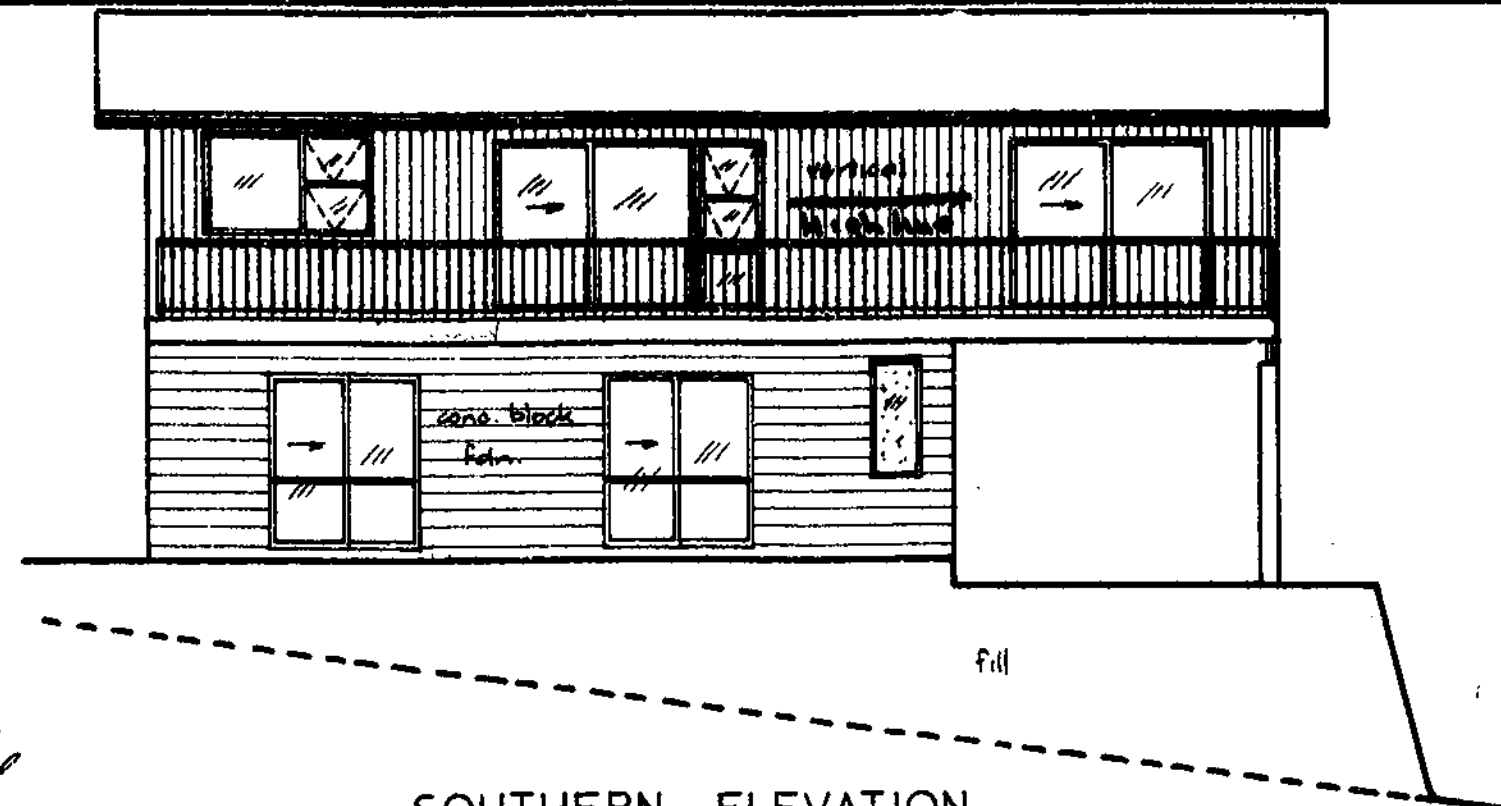
98/21

9 68

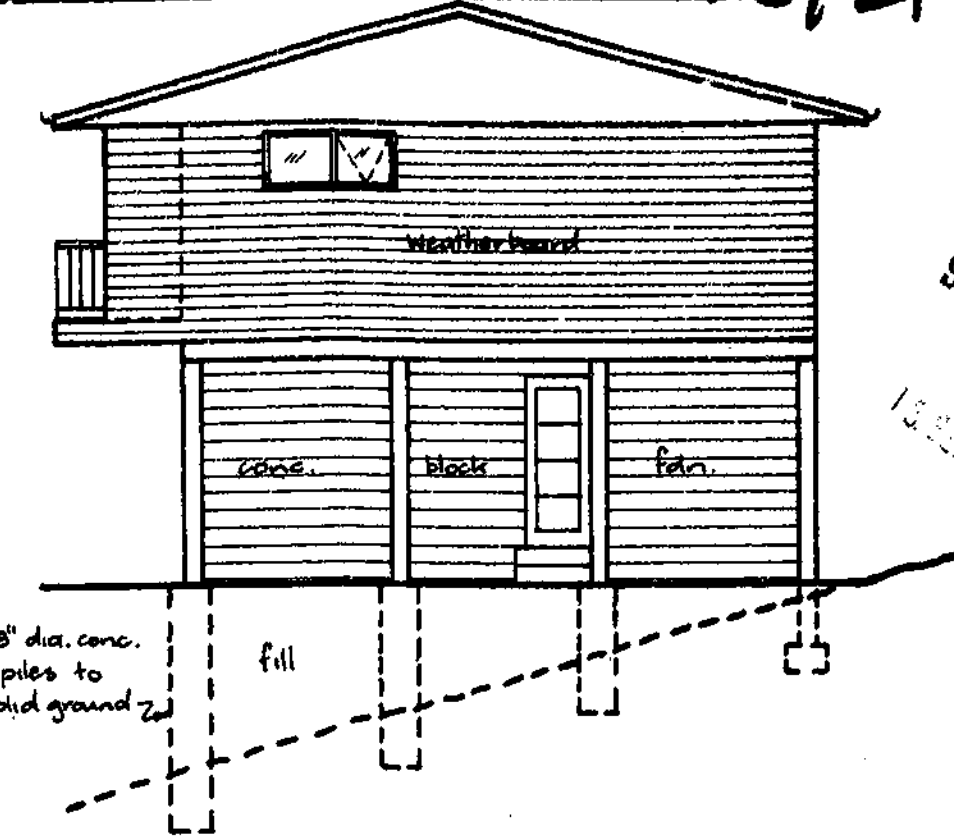
15-22-1972



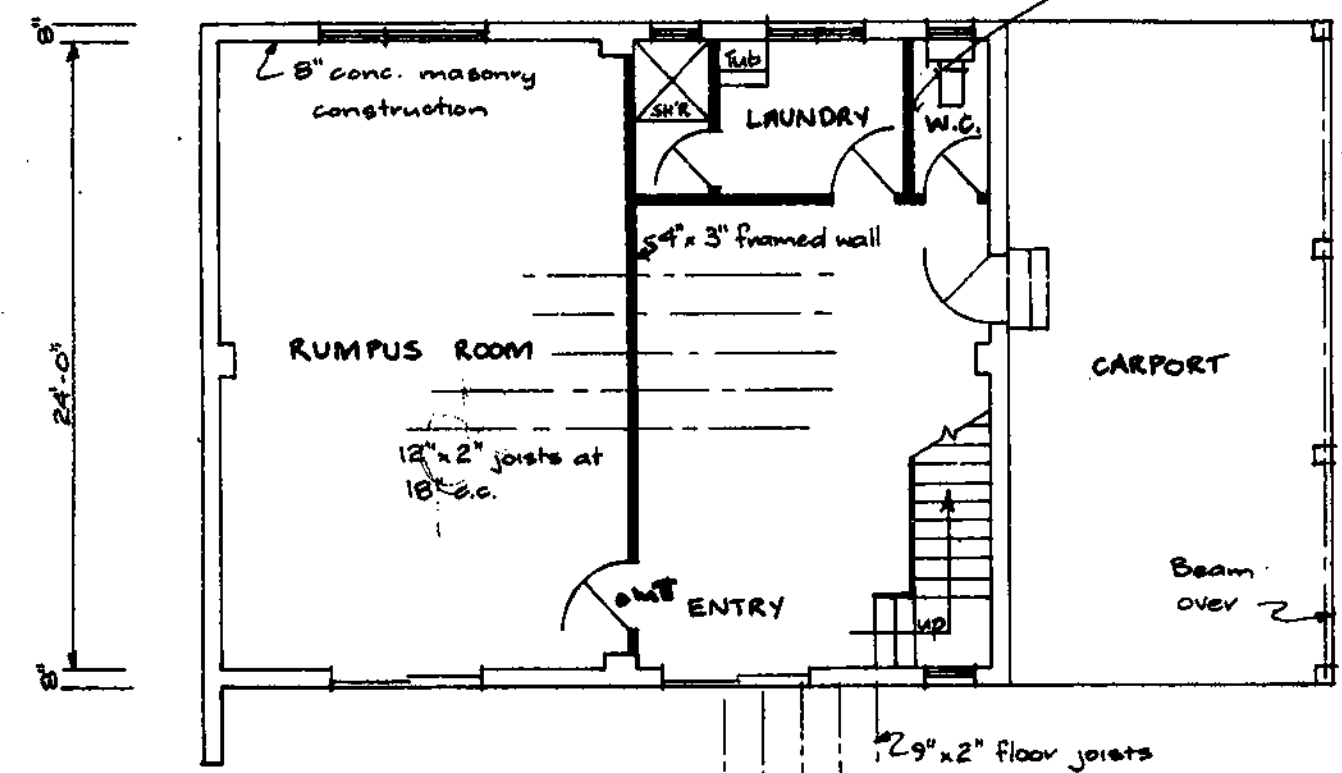
NORTHERN ELEVATION.



SOUTHERN ELEVATION.



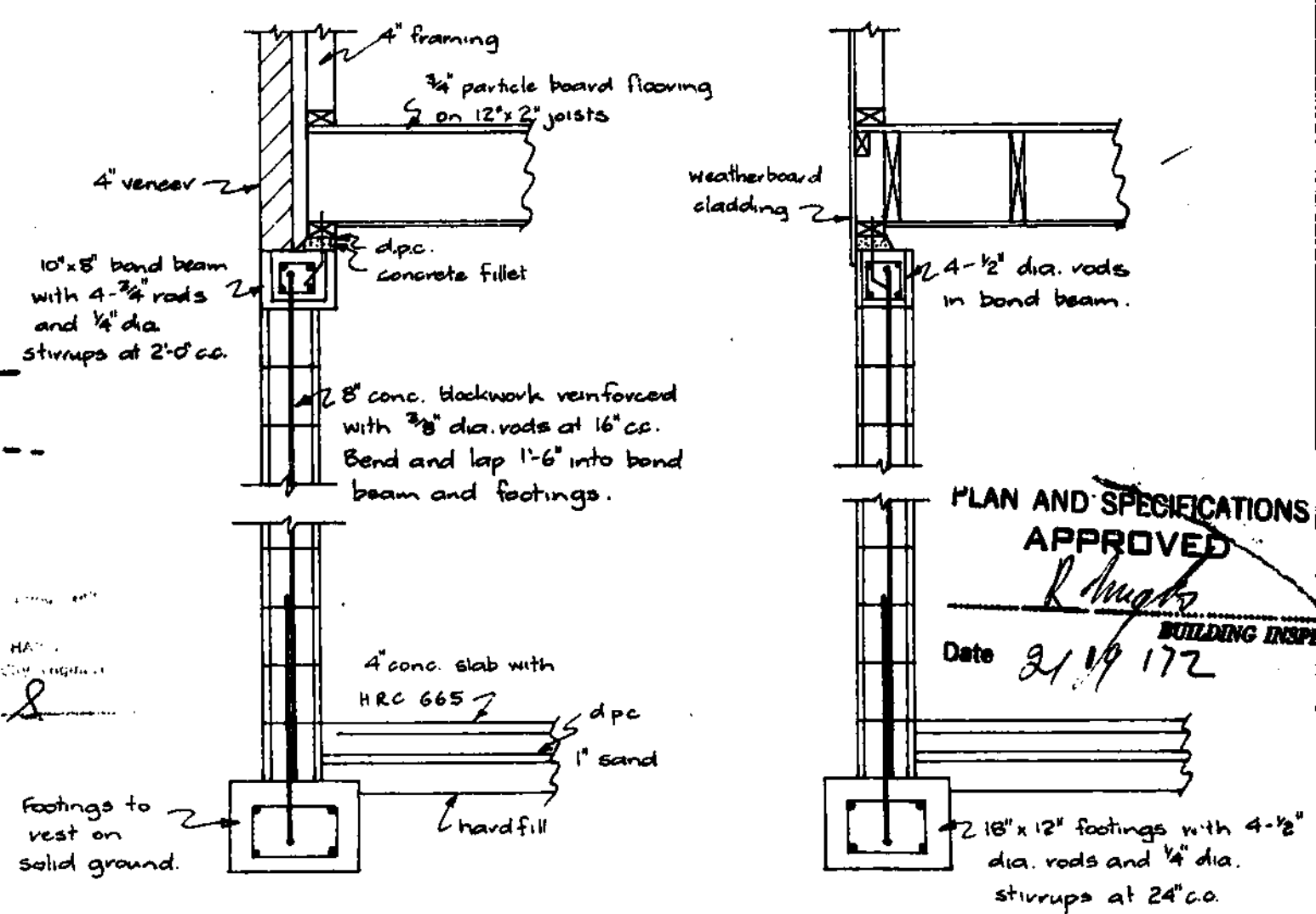
EASTERN ELEVATION.



BASEMENT PLAN.



WESTERN ELEVATION.



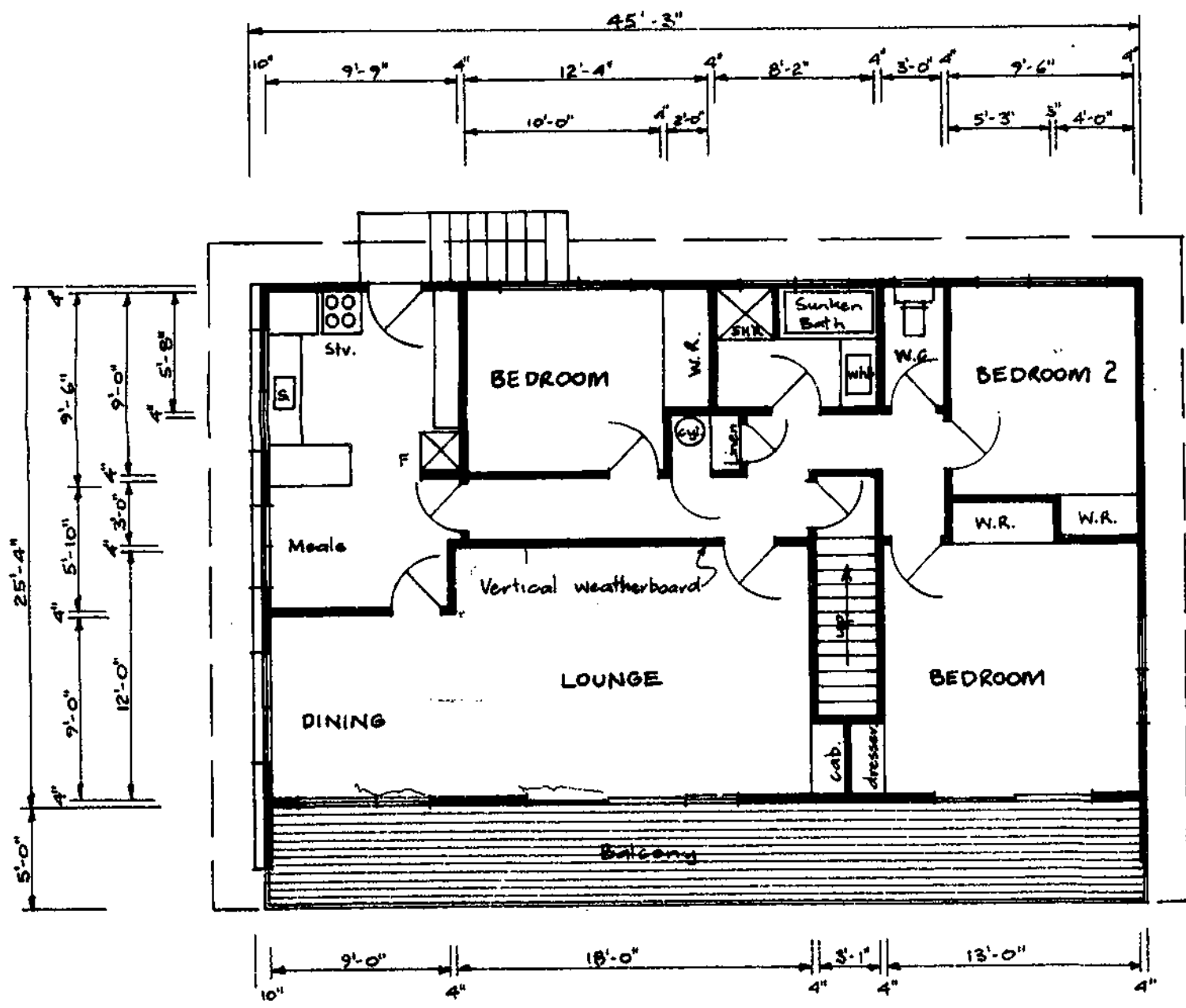
TYPICAL WALL SECTION
BRICK VENEER.

TYPICAL WALL SECTION.
WEATHER BOARD.

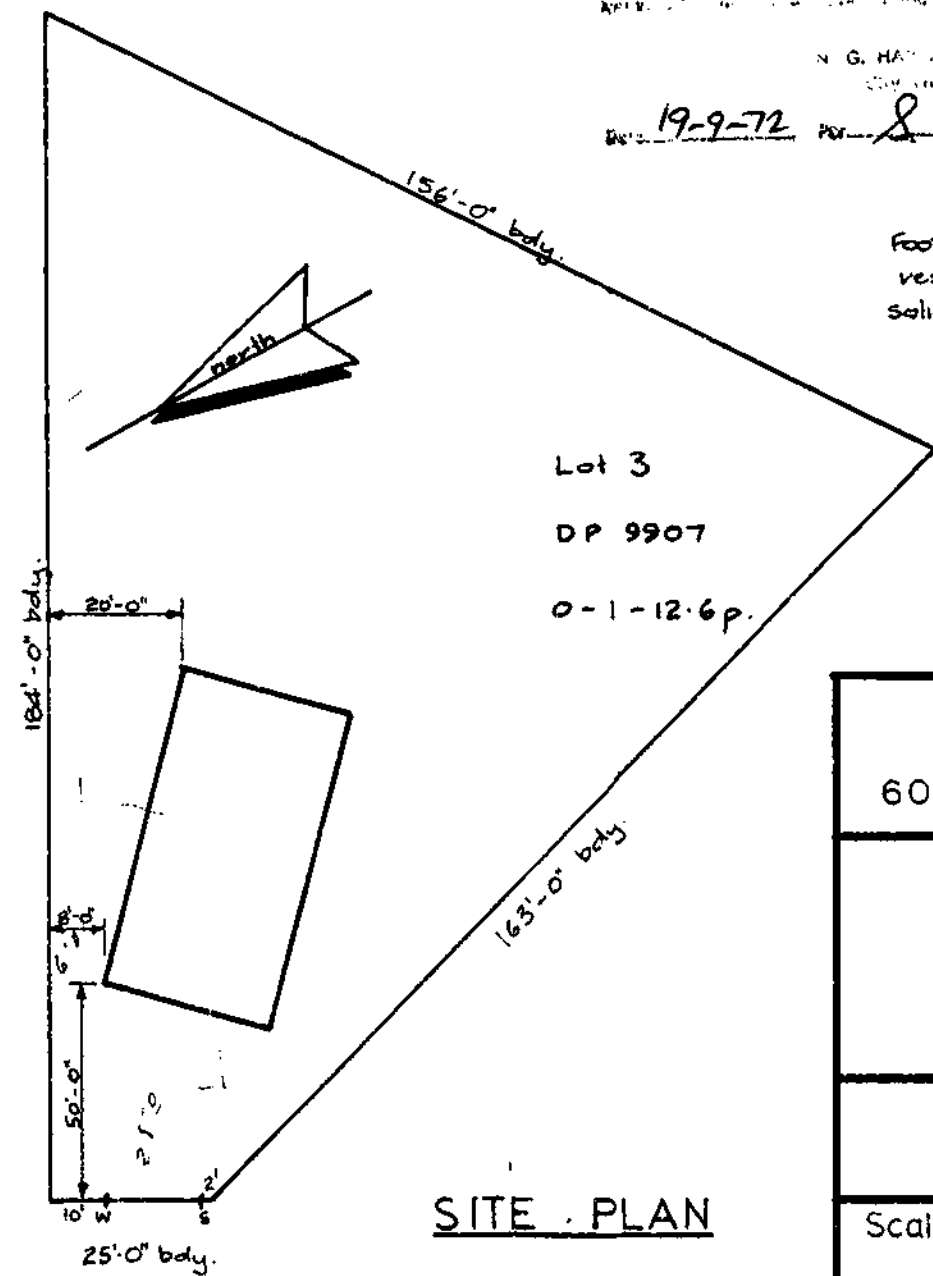
FOOTING & DRAINAGE
APPROVED
DATE 20.1.91 R. W. Wood
Inspector

APPROVED
N. G. HAY
DATE 19-9-72

PLAN AND SPECIFICATIONS
APPROVED
Date 21.11.72
BUILDING INSPECTOR



FIRST FLOOR PLAN.



SITE PLAN

Scale: 3/32" = 1' inch

TARANAKI PLAN SERVICE 60 Powderham Street P. O. Box 830 Phone 89563 New Plymouth		
PROPOSED RESIDENCE FOR MR. E. WYNDE AT CARLTON TERRACE - NEW PLYMOUTH.		
R. W. Wood Ltd.-Building Contractors-N. P.		
Scale 1/8" & 1/2" = 1'-0"	Designed : Drawn : <i>WFB</i> Traced : Date : 7-2-72	Drg. No. Sheet 1 of 1 sheets

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 5 93

Project: GARAGE	Check Sheet No. 8964
Owner: E. R. T. A. WYND	Sewer Sheet No. 241
Address: 21 CARLTON TERRACE	Zone: R1
Lot No. 3	Area of Site: 18.12.6p.
D.P. 9907	Sec. No.

TOWN PLANNING

Designations	☒
Area of Buildings 29.772 m ²	☒
Coverage	☒
Maximum Height	☐
Front Yard	☐
Relat. of Bldg. Size: (1) Rear Yard	☒
(2) Side Yard	☐
Open Space	☐
Imposed 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:

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 \$ _____

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. ☐ Copper ☐ Gal. Iron ☐			
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 \$ *N/A* :

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved _____
Not Approved _____

Approved _____
Not Approved _____

Approved *FC* _____
Not Approved _____

Approved *FC* _____
Not Approved _____

Approved *FC* _____
Not Approved _____

E : HEALTH & BY-LAWS

98/21

Areas _____

Light _____

Ventilation _____

Remarks: _____

Approved _____

Not Approved _____

F : DANGEROUS GOODS

Domestic or Commercial _____

Storage Capacity & Location N/A _____

Licence Required Yes/No _____

Approved _____

Not Approved _____

G : BUILDING

Remarks: STRUCTURAL CHECK REQ'D ASW _____

FEES:

Bldg. 2005-00 10.00

Water Bldg. _____

B.R.L. _____

TOTAL \$ 10.00

Building Inspector _____

Approved ASW _____

Not Approved _____

Specification: _____

Structural Engineer _____

Approved SWA _____

Not Approved _____

Fire Service _____

Recommended _____

Not Recommended _____

PERMIT NO. 82556

Approved SWA _____

Not Approved _____

APPROVING ENGINEER

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 5 83

Check Sheet No. 8964

Receipt No. 2096

Sewer Sheet No. 241

Date of Receipt 3.6.76

Zone. R1

TO THE CITY ENGINEER

APPLICATION FOR BUILDING PERMIT

26 MAY

At (House No.) 21 CARLTON Tce

Date Lot No. 3

For erection of Garage

D.P. 990

OWNER E.R. & P.A. WYND

Sec. No.

Proposed Use Garage

ADDRESS 21 CARLTON Tce

Foundation Concrete

AREA of Site

Walls Timber

Roof Particle Board

AREA of existing buildings

AREA of existing accessory buildings

1,100 sq ft M² 13.790x

AREA of Building in application

M²

Builder Self

3.960 x 7.520 M²

Designer Peter Wills

29.779 m²

Structural Eng.

Address ST. AUG. AVE

Building Projects Authority Required

Q 9797

Yes/No

Supplied

Yes/No

Total Value of Building

\$ 2000.

Sanitary Plumbing and Drainage

\$ -

Value of Building for Permit

\$ -

Water for Building

\$ -

Building Research Levy on

\$

tings

Mths @

FOR OFFICE USE
Corrected Value

TOTAL FEES BUILDING

ite

Finishing Date

ADDRESS OF APPLICANT E.R. WYND

21 CARLTON

NEW PLYMOUTH

Phone 33

Signature of Applicant E.R.

Signature of Owner E.R.

98121

NEW PLYMOUTH CITY COUNCIL —CITY ENGINEER'S DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No:.....

I wish to apply for permission to carry out the work described in the plans and specifications deposited here

House No. 21 Street Carlton Tce Lot No. D.P.

OWNER E.R. & P.A. Wynd Area of Site.....

ADDRESS AS ABOVE Signature of Applicant.....

Proposed Use Garage Signature of Owner P.A. Wynd

VEHICULAR CROSSING

When Required

Proposed Existing M Position.....

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary.....

No. Units served.....

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary..... Depth of sewer req'd.....

Common Drain..... Yes / No

Stormwater Disposal (specify).....

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer.....

Value of Proposed Work Plumbing

Drainage

Water Supply Materials..... P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify).....

FOR OFFICE USE 88

File No. Rec. No. 2096 Check Sht. No. 8969 FEES

Date 26 MAY Zone Res R.1 Sewer Sht. No. 241 Water

P & I

Veh.

98/21 9/68/72

NEW PLYMOUTH CITY COUNCIL

FOR OFFICE USE: File No. 7 113 Check Sheet No. 5429
 Receipt No. 7389 Sewer Sheet No. 241
 Date of Receipt 30/7/73 Zone Residential

To the City Engineer Date _____
APPLICATION FOR BUILDING PERMIT and / or services Lot No. 3
 At (House No.) 21 Barbican Lane D.P. 9907
 For erection of Turning Carport into Study & Sewing Rm Sec. No. _____
 OWNER E. R. Wignall ADDRESS _____
 Proposed use As Above
 Foundation Concrete Walls Timber & Gable End Roof _____

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application As Proposed sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.)	\$ 500 . 00	\$ 3 . 00
Sanitary plumbing and drainage	\$ - - -	\$ - - -
STORMWATER CONNECTION: Distance from left boundary	- - -	\$ - - -
Depth and size of service	- - -	\$ - - -
SEWER CONNECTION: Distance from left boundary	- - -	\$ - - -
Depth and size of service	- - -	\$ - - -
WATER CONNECTION: Distance from left boundary	- - -	\$ - - -
Depth and size of service	- - -	\$ - - -
WATER (Building)	- - -	\$ - - -
VEHICLE CROSSING: When required	- - -	\$ - - -
Distance from left boundary	- - -	\$ - - -
Type of footpath	- - -	\$ - - -
Type of crossing	- - -	\$ - - -
Removal of existing crossing	- - -	\$ - - -
DEPOSIT FOR DAMAGE TO FOOTPATH	- - -	\$ - - -
HOARDINGS months	- - -	\$ - - -
INSPECTION of second-hand building or materials	- - -	\$ - - -
BUILDING RESEARCH LEVY	- - -	\$ - - -
BUILDER <u>Self</u>	- - -	\$ 3 . 00

Starting date ASAP Finishing date ASAP
 NAME AND ADDRESS OF APPLICANT As Above
6 Gladstone Rd Phone _____
 Signature of Applicant E. R. Wignall

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber _____
 Signature of Registered Drainlayer _____

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - - \$ - - -
 DRAINAGE - - - \$ - - -
 \$ - - -

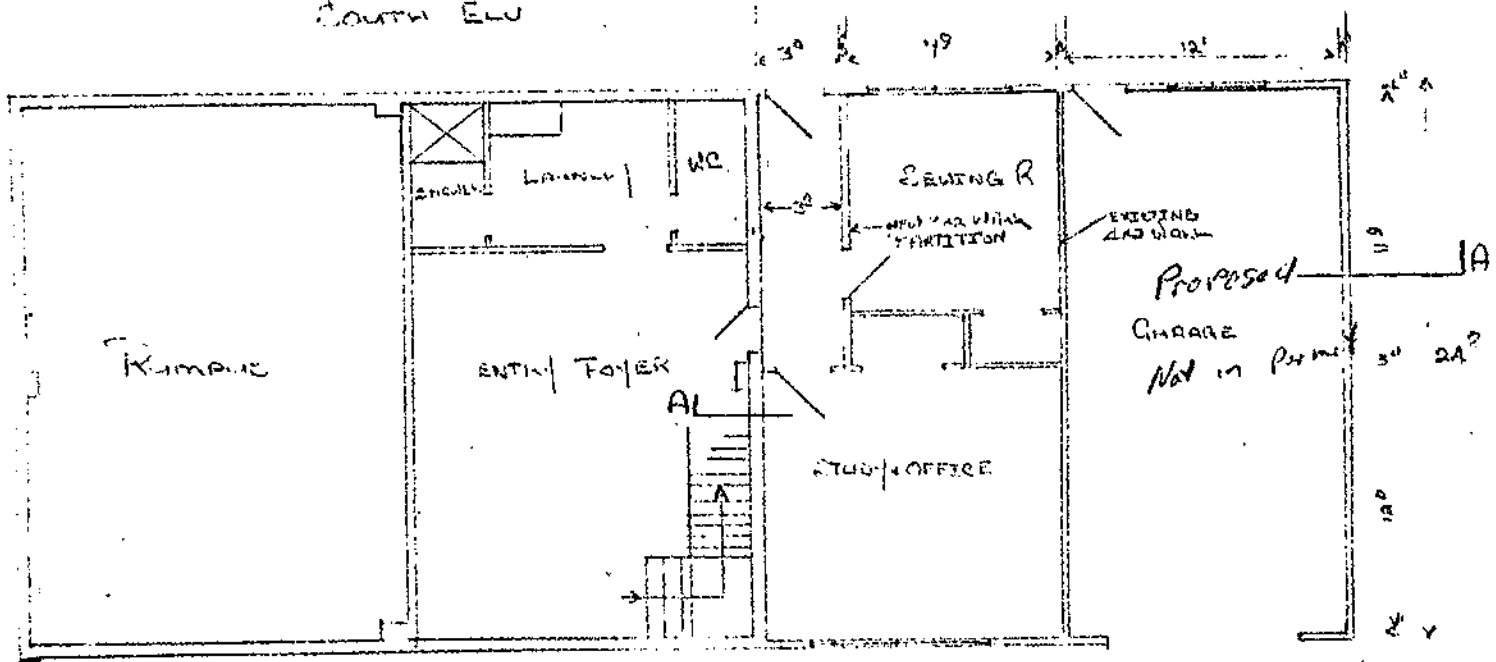
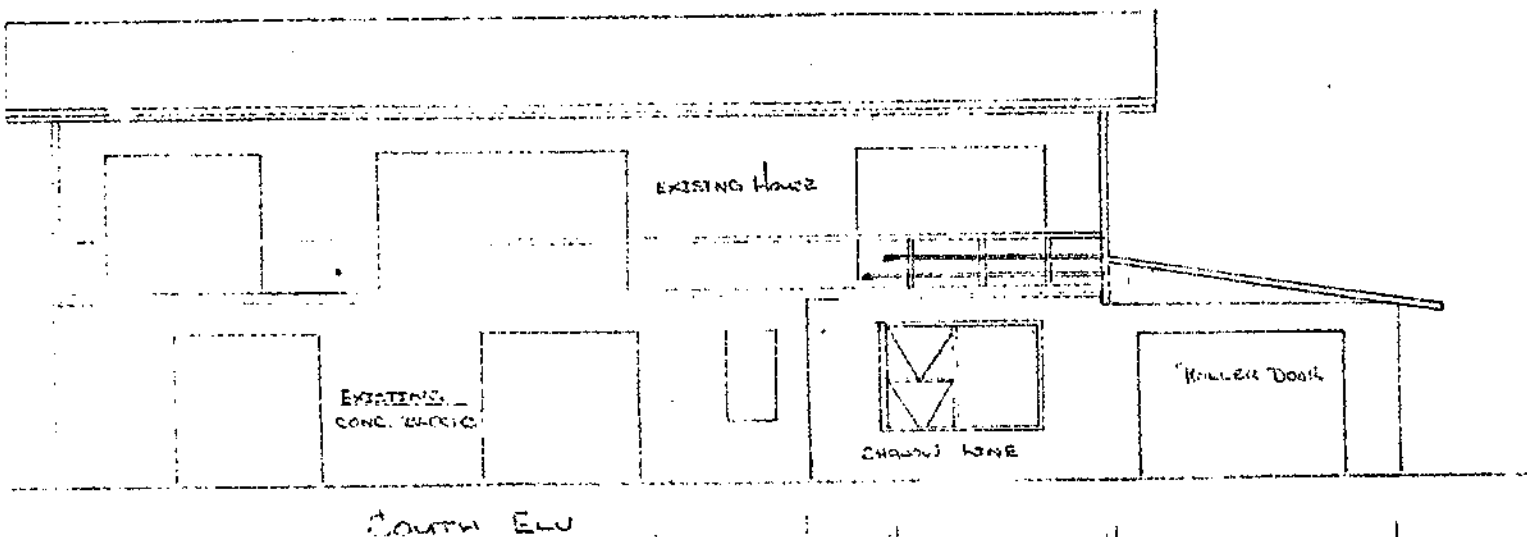
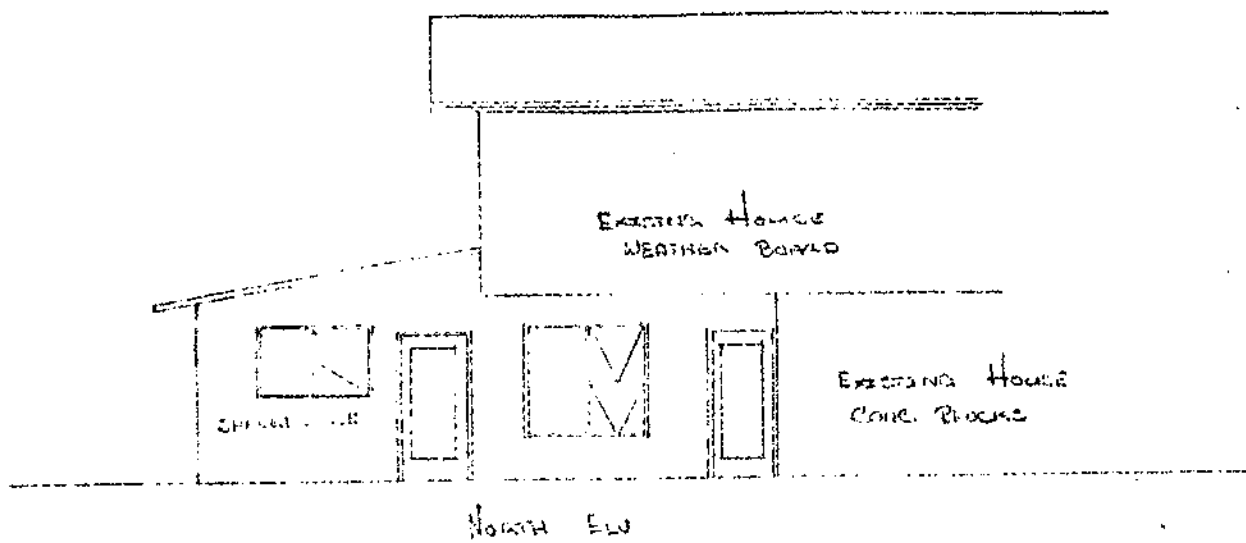
New Plymouth

As per plan

98/21

31 Carter Ave
New Plymouth

7 113



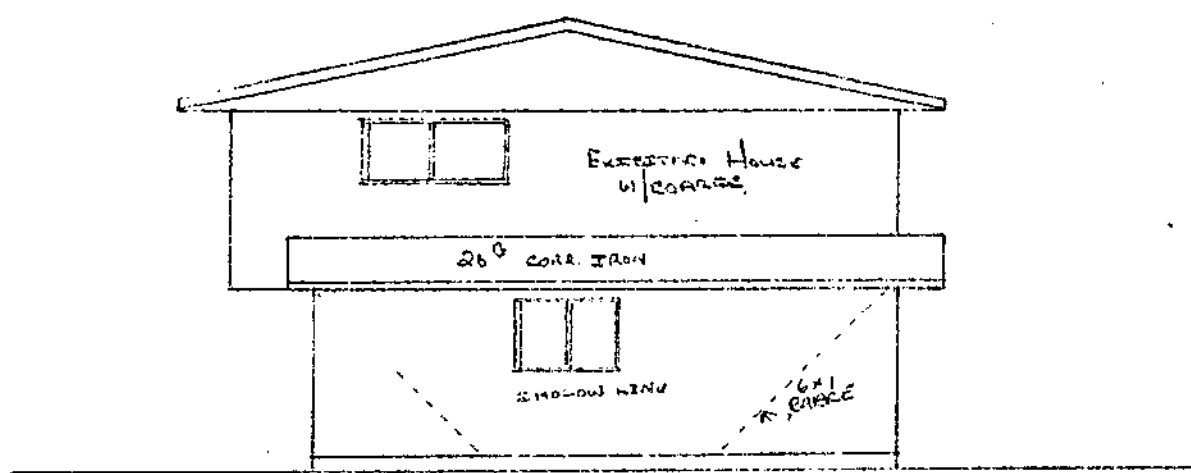
Scale 1/8" = 1'-0"

PLAN AND SPECIFICATIONS
APPROVED

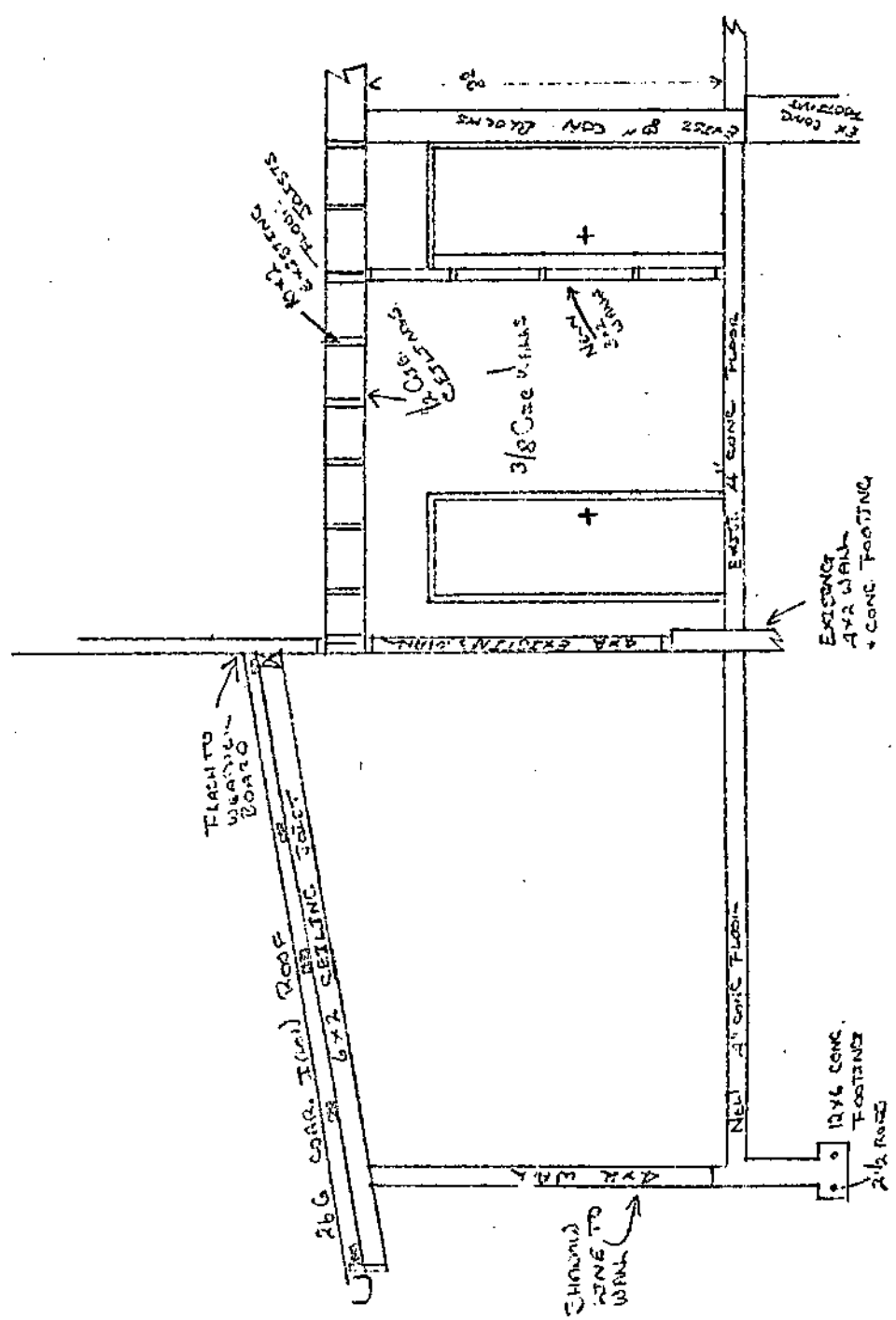
H.P. Adams
BUILDING P. E. 113

Date 3/17/73

98/21



East Elev



Elev. A.A

Street No. 21 Carlton Ave.
Nature of Work Rep.
Zone Residential

Lot 3 D.P. 9907 Sec. 98121

BUILDING PLAN REGISTER

Owner E. Wynde.
Address Blackstone Rd.
Builder R. W. Need.
Address 7a Euclid St
Value \$ 14000-00
Area of buildings 1150 Sq. ft.
Area of outblgs " "
Area of new work " "

Date 21-9-72
File No. 4/68/72
Receipt No. 4918
Special requirements

Remarks & Inspections

Well down
Foundation
Back for black
Bond beam
Concrete
15 ft down
20 ft down
30 ft down
40 ft down
50 ft down
60 ft down
70 ft down
80 ft down
90 ft down
100 ft down
110 ft down
120 ft down
130 ft down
140 ft down
150 ft down
160 ft down
170 ft down
180 ft down
190 ft down
200 ft down
210 ft down
220 ft down
230 ft down
240 ft down
250 ft down
260 ft down
270 ft down
280 ft down
290 ft down
300 ft down
310 ft down
320 ft down
330 ft down
340 ft down
350 ft down
360 ft down
370 ft down
380 ft down
390 ft down
400 ft down
410 ft down
420 ft down
430 ft down
440 ft down
450 ft down
460 ft down
470 ft down
480 ft down
490 ft down
500 ft down
510 ft down
520 ft down
530 ft down
540 ft down
550 ft down
560 ft down
570 ft down
580 ft down
590 ft down
600 ft down
610 ft down
620 ft down
630 ft down
640 ft down
650 ft down
660 ft down
670 ft down
680 ft down
690 ft down
700 ft down
710 ft down
720 ft down
730 ft down
740 ft down
750 ft down
760 ft down
770 ft down
780 ft down
790 ft down
800 ft down
810 ft down
820 ft down
830 ft down
840 ft down
850 ft down
860 ft down
870 ft down
880 ft down
890 ft down
900 ft down
910 ft down
920 ft down
930 ft down
940 ft down
950 ft down
960 ft down
970 ft down
980 ft down
990 ft down
1000 ft down

NEW PLYMOUTH CITY COUNCIL
CITY ENGINEERS DEPARTMENT
WATER CO.

98/21
No 427

Name of Project

Address

Purpose of Supply

Fire

New Subdivision

Distance, Building to Main

REMARKS

Altitude of Building
(City Datum)

ESTIMATED COST

ESTIMATED
service existing
N.Y.

Mr. Lee

This estimate submitted.

Masterprint 21:93

to amendment when final plan

NEW PLYMOUTH CITY COUNCIL

98121 X

FOR OFFICE USE: File No. 9 33 Check Sheet No. 4407
 Receipt No. 4913 Sewer Sheet No. 221
 Date of Receipt 15/7/72 Zone Reside. 1st

To the City Engineer Date 15-9-72
APPLICATION FOR BUILDING PERMIT and/or services Lot No. 3
 At (House No.) 1000 7th Ave D.P. 9907
 For erection of Dwelling Sec. No.
 OWNER Mr. E. Wynne ADDRESS 1000 7th Ave
 Proposed use Private
 Foundation concrete Walls weathered Roof iron

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application - - 1150 sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.) - - -	\$ <u>13,000.00</u>	\$ <u>44.00</u>
Sanitary plumbing and drainage - - -	\$ <u>1,000.00</u>	\$ <u>8.00</u>
STORMWATER CONNECTION: Distance from left boundary - - -	<u>14.000</u>	
Depth and size of service - - -		\$
SEWER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER (Building) - - -		\$ <u>1.00</u>
VEHICLE CROSSING: When required - - -	<u>To be notified</u>	
Distance from left boundary - - -	<u>To be marked</u>	
Type of footpath - - -		\$ <u>40.00</u>
Type of crossing - - -	<u>10' Dish</u>	\$
Removal of existing crossing - - -		\$
DEPOSIT FOR DAMAGE TO FOOTPATH - - -		\$ <u>30.00</u>
HOARDINGS - - - months - - -		\$
INSPECTION of second-hand building or materials		\$
BUILDING RESEARCH LEVY - - -		\$ <u>7.00</u>
BUILDER <u>R. W. Wood Pty.</u>		\$ <u>130.00</u>

Starting date Oct 72 Finishing date Jan 73
 NAME AND ADDRESS OF APPLICANT R. W. Wood Pty.
70 Euclid St N.P. Phone 34376
 Signature of Applicant R. W. Wood

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber 15th Spence
 Signature of Registered Drainlayer 15th Spence

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - - \$ 850
 DRAINAGE - - - \$ 150
\$ 1000.00

R.W. Wood Ltd.

Registered Builders

PHONE 34376

7A EUCLID ST.,
NEW PLYMOUTH.

98/21
9 88

~~SEPTEMBER 1970~~

Feb 1972

SPECIFICATION

OF PROPOSED RESIDENCE

AT: **Carlton Terrace**

FOR: **Mr E. WYNDE.**

GENERAL CONDITIONS:

THE WHOLE OF THE LABOUR, PLANT AND MATERIALS, EXCEPT WHERE OTHERWISE HEREIN STATED, REQUIRED FOR THE COMPLETION OF THE WORK AS HEREIN SPECIFIED AND AS SHOWN ON THE ACCOMPANYING PLAN TO BE PROVIDED BY THE CONTRACTOR, AND THE WORK TO BE COMPLETED TO THE SATISFACTION OF THE OWNER. AT THE COMPLETION, THE CONTRACTOR IS TO REMOVE ALL RUBBISH ACCRUING FROM THE WORK, CLEAN FLOORS AND WINDOWS, LEAVING THE PREMISES READY FOR OCCUPATION.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, GIVE DUE NOTICE TO LOCAL AUTHORITIES, AND COMPLY WITH LOCAL BY-LAWS. ALL WORKMEN ENGAGED BY THE CONTRACTOR ON THE WORKS TO BE INSURED AGAINST ACCIDENT. A BUILDERS' RISK POLICY AGAINST THE LOSS BY FIRE IS TO BE OBTAINED BY THE CONTRACTOR WHEN THE ROOF IS ON THE BUILDING AND IS TO OPERATE UNTIL HANDED OVER TO THE OWNER.

PAYMENTS SHALL BE 90% OF THE VALUE OF WORK COMPLETED AND MATERIALS ON THE SITE AT THE END OF EACH MONTH. 5% TO BE PAID ONE MONTH AFTER COMPLETION AND THE REMAINING 5% TO BE PAID 3 MONTHS AFTER COMPLETION, WHEN THE MAINTENANCE PERIOD EXPIRES.

EXCAVATOR:

CLEAR ALL GRASS AND VEGETATION FROM THE SITE OF BUILDING, AND CLEAR AWAY ALL TIMBER CUTTINGS, ETC. UNDER FLOORS WHILE WORK IS BEING CARRIED OUT.

EXCAVATE FOR ALL WOOL FOOTINGS, AND PILES, SO AS TO GIVE A SOLID BEARING TO DEPTHS REQUIRED. FILL IN AROUND PILES AND FOUNDATIONS AFTER CONCRETE WORKS ARE IN POSITION AND REMOVE SURPLUS SOIL.

CONCRETOR:

ALL CONCRETE TO BE COMPOSED OF SIX PARTS BY MEASURE OF CLEAN CRUSHED RIVER SHINGLES NOT LARGER THAN $\frac{3}{4}$ " GAUGE TO ONE PART OF PORTLAND CEMENT, AND TO BE THOROUGHLY MIXED WITH SUFFICIENT WATER IN MECHANICAL MIXER AND PLACED IN ITS RESPECTIVE POSITION WHILE FRESH.

~~CHIMNEY FOUNDATION AND EXTERNAL WALLS, WHERE SHOWN, TO BE 6" THICK ON 12" x 6" FOOTINGS. REINFORCE WITH TWO $\frac{1}{2}$ " RODS IN FOOTING AND ONE $\frac{3}{8}$ " ROD IN TOP. WALLS OVER 3' HIGH REINFORCED WITH $\frac{3}{8}$ " RODS AT 15" CENTRES BOTH WAYS. PILES TO BE 8" x 8" PRE-CAST CONCRETE SET ON 12" x 12" x 6" CONCRETE FOOTINGS ON ROWS TO SOFT SLEEPERS AND NOT MORE THAN 4'6" APART.~~

as detailed

CARPENTER & JOINER:

ALL TIMBER TO BE THE BEST OF ITS SEVERAL CLASSES AND KINDS, AND TO BE THE QUALITY AND SIZES ACCORDING TO SCHEDULE. ALL EXPOSED EXTERNAL AND INTERNAL TIMBERS TO BE WELL SEASONED. EXTERNAL MACHINE DRESSED AND INTERNAL MACHINE DRESSED AND WELL SAND-PAPERED. PAINTER TO PRIME ALL EXTERNAL TIMBERS BEFORE THEY ARE FIXED.

(2)

SCHEDULE OF TIMBERS:

SLEEPERS		4 x 3	BORIC PINE
FLOOR JOISTS	12 x 2	10 x 2	" "
PLATES	3 x 2	4 x 2	GAUGED BOTH WAY. BORIC PINE.
STUDS	3 x 2	4 x 2	GAUGED. BORIC PINE.
C. JOISTS		4 x 2	GAUGED. " "
RAFTERS		4 x 2	" " "
RUNNERS	TO SUIT SPAN	4 x 2	" " "
TRIMMERS		8 x 2	" " "
DWANGS	4 x 2	3 x 2	" " "
PURLINS		3 x 2	BORIC PINE
BRACES		6 x 1	" "
RIDGES & HIPS		8 x 1	" "
FASCIA BOARD & BARGES		6 x 1	TANALISED MATAI OR HT.
WEATHER BOARD		6 x 1	" " "
FLOORING			3/4" PARTICLE BOARD

STUDS TO BE NOT MORE THAN 20" CENTRES. RAFTERS 36" CENTRES. PURLINS 30" CENTRES. FIX THREE ROWS OF DWANGS TO ALL PARTITIONS. FIX 4 X 2 UNDER PURLINS STRUTTED OFF PARTITIONS, WITH 4 X 2 WHERE POSSIBLE. STUD HEIGHT 8 FT.

FORM BOXED EAVES AS INDICATED WITH 3/16" ASBESTOS LINING. LINE PORCHES AND GABLE ENDS WITH 1/4" ~~COVERING~~ High line.

INTERNALFLOORING:

AS SCHEDULED. ALL FLOORS TO BE PUNCHED AND SANDED ON COMPLETION. FLOORING MAY BE LAID PRIOR TO FRAMING IF SEALED OFF IMMEDIATELY AFTER LAYING WITH A SUITABLE SEALER.

LININGS:

~~ALL WALLS~~ ^{+ Ceilings} TO BE LINED WITH 3/8" GIBRALTOR BOARD.

SHOWER CUBICLE, LAMIWALL UP TO 7 FT. HIGH.

~~CEILING TO BE 1/2" PINEX SOFT BOARD VELD.~~

INTERNAL FINISHINGS:

O.B. RIMU SKIRTING AND ARCHITRAVES 3 x 1/2 SINGLE BULL NOSE. SCOTIA 1 1/2" BEVELLED CORNICE MOULD.

DOORS:

BACK DOOR - 6'6" x 2'8" 4-PANEL OBSCURE GLASS.

~~FRONT DOOR - 6'6" x 2'10" SINGLE PANEL OBSCURE GLASS~~

INTERIOR DOORS - O.B. RIMU FLUSH.

BEDROOMS, LOUNGE, KITCHEN AND WASH-HOUSE - 6'6" x 2'8".

BATHROOM - 6'6" x 2'6".

TOILET - 6'6" x 2'4".

Wardrobes 6'0" high Nu-look gib panel with ALL OTHER MAIN CUPBOARDS ~~AND WARDROBES~~ - 6'0" x 2'0". ^{over doors.}

SHOWER - NO DOOR - PLAIN JAMBS ONLY.

BASEMENT DOORS - Nil

~~DOORS BETWEEN LOUNGE AND DINING ROOM - 6'6" x 2'6" SINGLE PANEL OBSCURE GLASS.~~

WINDOWS:

NU-LOOK ANODISED ALUMINIUM, AS INDICATED ON PLAN.

INTERNAL FITTINGS:

AS DETAILED. ALLOW THE P.C. SUM OF \$300.00 FOR THE SUPPLY OF ALL INTERIOR CUPBOARDS ETC.

HARDWARE:

ALLOW THE P.C. SUM OF \$80 FOR THE COST OF ALL HARDWARE EXCLUDING BUTTS AND SLIDING DOOR SETS. BUTTS ON EXTERNAL DOORS TO BE GALVANISED. ELSEWHERE A.C.

ROOF:

26 GAUGE GALVANISED IRON. RIDGING 26 GAUGE GALVANISED. FINISH GABLE ENDS WITH 26 GAUGE BARGE MOULD. LAY NETTING AND BUILDING PAPER UNDER IRON.

EXTERNAL PLASTERER: Nil

~~THE EXPOSED PORTIONS OF STEPS, AND TERRACE FLOORS, TO BE FINISHED IN CEMENT PLASTER AT LEAST 1" THICK. FINISH WITH TRUE AND EVEN SURFACES. RIVETTED AND SPONGED.~~

BRICKLAYER:

~~Western wall only to be sheathed in Fifth Suna Stone laid to N. 2. S. S. 90°.~~

PLUMBER:SPOUTING AND DOWNPIPES:

24 GAUGE GALVANISED SPOUTING WITH 2 DOWNPIPES ~~AND~~ SOAK HOLES ^{by Owner}

HEAD FLASHINGS TO DOOR FRAMES ONLY.

~~SUPPLY AND~~ FIX ONE 30-GALLON HOT WATER CYLINDER. ^{Supplied by Builder}

FIT COPPER OR PLASTIC SUPPLY TANK. ALL PIPING TO BE COPPER OR PLASTIC. HOT WATER PIPES TO BE LAGGED.

FLASH GABLE ROOF WITH 24 GAUGE GALVANISED IRON TO MAKE COMPLETELY WATER-TIGHT. VALLEY 24 GAUGE GALVANISED IRON.

SINK BENCH:

^{Stainless Steel}
6 FT. ~~FORMICA~~ SUPPLIED BY BUILDER.

SHOWER:

3 FT. X 2'6" STAINLESS STEEL. ^{supplied by builder}

BATH:

5'0" PRESSED STEEL.

BASIN:

22" X 16" PORCELAIN.

TUB:

SINGLE ~~CONCRETE~~. ^{S. Steel supplied by builder.}

LAVATORY:

WHITE CHINA W.C. DOUBLE-FLAP ^{plastic} ~~WOODEN~~ SEAT, LOW DOWN LINED FLUSHING CISTERN.

PROVIDE 2 OUTSIDE HOSE TAPS. ALL OTHER TAPS TO BE CHROME.

~~omit shower & w.c. in basement.~~

~~Make provision to connect up at later date.~~

DRAINLAYER:

LAY 4" FIRST QUALITY GLAZED EARTHENWARE SOCKETED PIPES TO TAKE ALL SEWER AND WASTE WATER FROM FITTINGS LAID TO FALLS NOT LESS THAN 1 IN 40. DRAINS SHALL BE LEFT OPEN UNTIL TESTED AND APPROVED BY THE LOCAL SANITARY INSPECTOR.

ELECTRICIAN:

WIRE FOR AND INSTALL 16 LIGHT POINTS AND 7 HEATING POINTS, WHERE DIRECTED BY OWNER. ONE AERIAL AND EARTH AND T.V. POINT. SUPPLY ONE 1,000 WATT ELEMENT FOR HOT WATER CYLINDER. RANGE P.C. \$160. MAINS TO HOUSE TO BE UNDERGROUND.

(4)

98/21

PAINTER AND PAPERHANGER: by Owner.

EXTERNAL:

THE WHOLE OF THE EXTERNAL WOODWORK OF BUILDING TO RECEIVE ONE COAT OF RED LEAD AND OIL PAINT, FOLLOWED BY 2 COATS OF LEAD AND OIL PAINT OF AN APPROVED KIND.

EXTERNAL:

ALL NAIL HOLES AND DEFECTS IN WOODWORK TO BE STOPPED WITH LINSEED OIL PUTTY.

PRIME LAPS OF IRON.

INTERNAL:

CEILINGS TO RECEIVE 2 COATS OF MONOCOAT.
BATHROOM, WASH-HOUSE, W.C. AND KITCHEN WALLS TO BE ENAMELLED 3 COATS.
ALL WINDOW, EXTERNAL DOORS AND FRAMES PAINTED 3 COATS.
KITCHEN CUPBOARDS AND FITTINGS NOT TO BE PAINTED INSIDE.
INTERNAL DOORS, JAMBS, ARCHITRAVES AND SKIRTINGS TO BE VARNISHED.
ALL GIBRALTAR BOARD WALLS TO BE WALL-PAPERED, WALLPAPER £1.50 PER ROLL.

Allow \$700 for this work

ADDENDA:

Concrete floor - pour concrete floor in entry
& laundry area only approx 24'0" x 14'7"

Omit laundry & w.c. partitions

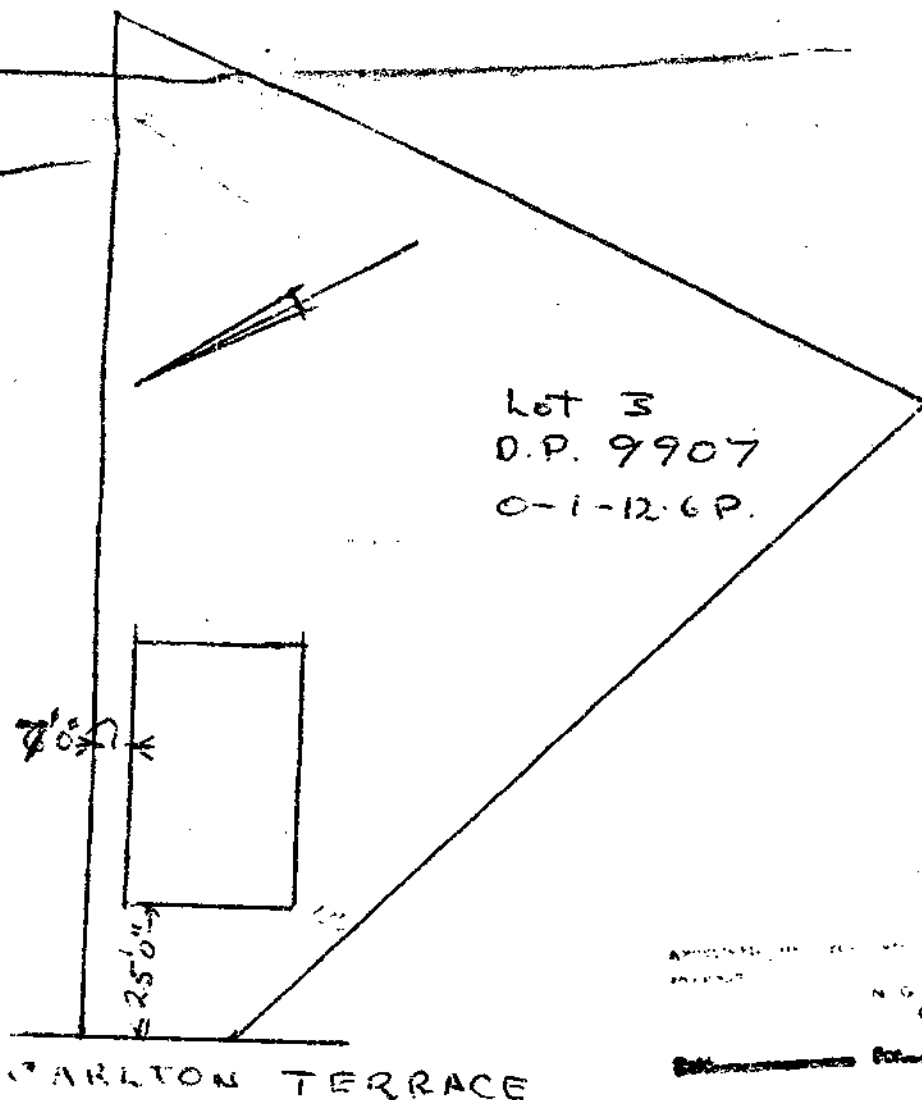
All basement area & stairwell unlined -
to be lined by owner at a later date.

Fit wooden handrail to balcony &
exterior stairs

98/21

6-11-72

AMENDED SITE PLAN.
Residence for Mr. E. WYNDE
21 CARLTON TERRACE



APPROVED BY THE CITY ENGINEER
PROJECT N. G. 111111
City Engineer

~~6-11-72~~ 6-11-72

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 5 93

Project: GARAGE	Check Sheet No. 8964
Owner: E. R. T. A. WYND	Sewer Sheet No. 241
Address: 21 CARLTON TERRACE	Zone: R1
Lot No. 3	Area of Site: 18.12.6p.
D.P. 9907	Sec. No.

TOWN PLANNING

Designations	☒
Area of Buildings 29.772 m ²	☒
Coverage	☒
Maximum Height	☐
Front Yard	☐
Relat. of Bldg. Size: (1) Rear Yard	☒
(2) Side Yard	☐
Open Space	☐
Imposed 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:

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 \$ _____

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. ☐ Copper ☐ Gal. Iron ☐			
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 \$ *N/A*

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved _____
Not Approved _____

Approved _____
Not Approved _____

Approved *HC* _____
Not Approved _____

Approved *HC* _____
Not Approved _____

Approved *HC* _____
Not Approved _____

E : HEALTH & BY-LAWS

98/21

Areas _____
 Light _____
 Ventilation _____
 Remarks: _____

Approved _____
 Not Approved _____

F : DANGEROUS GOODS

Domestic or Commercial _____
 Storage Capacity & Location N/A _____
 Licence Required Yes/No _____

Approved _____
 Not Approved _____

G : BUILDING

Remarks: STRUCTURAL CHECK REQ'D ASW

FEES:

Bldg.	2005-10	10.00
Water Bldg.		
B.R.L.		
TOTAL	\$	10.00

Building Inspector _____

Approved ASW _____
 Not Approved _____

Specification: _____

Structural Engineer _____

Approved SWA _____
 Not Approved _____

Fire Service _____

Recommended _____
 Not Recommended _____

PERMIT NO. 82556

APPROVING ENGINEER

Approved SWA _____
 Not Approved _____

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 5 83

Check Sheet No. 8964

Receipt No. 2096

Sewer Sheet No. 241

Date of Receipt 3.6.76

Zone. R1

TO THE CITY ENGINEER

APPLICATION FOR BUILDING PERMIT

26 MAY

At (House No.) 21 CARLTON Tce

Date Lot No. 3

For erection of Garage

D.P. 990

OWNER E.R. & P.A. WYND

Sec. No.

Proposed Use Garage

ADDRESS 21 CARLTON Tce

Foundation Concrete

AREA of Site

Walls Timber

Roof Particle Board

AREA of existing buildings

AREA of existing accessory buildings

AREA of Building in application

Builder Self

1,100 sq ft M² 13.790x

3.960 x 7.520 M²

29.779 m²

Designer Peter Wills

Address ST. AUGUSTINE

Structural Eng.

Building Projects Authority Required

Q 9797

Yes/No

Supplied

Yes/No

Total Value of Building

\$ 2000.

Sanitary Plumbing and Drainage

\$ -

Value of Building for Permit

\$ -

Water for Building

\$ -

Building Research Levy on

\$

tings

Mths @

FOR OFFICE USE
Corrected Value

TOTAL FEES BUILDING

ite

Finishing Date

ADDRESS OF APPLICANT E.R. WYND

21 CARLTON

NEW PLYMOUTH

Phone 33

Signature of Applicant E.R.

Signature of Owner E.R.

98121

NEW PLYMOUTH CITY COUNCIL —CITY ENGINEER'S DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No:.....

I wish to apply for permission to carry out the work described in the plans and specifications deposited here

House No. 21 Street Carlton Tce Lot No. D.P.

OWNER E.R. & P.A. Wynd Area of Site.....

ADDRESS AS ABOVE Signature of Applicant.....

Proposed Use Garage Signature of Owner P.A. Wynd

VEHICULAR CROSSING

When Required

Proposed Existing M Position.....

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary.....

No. Units served.....

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection.....

Size of Requested Connection.....

Distance from L/Boundary..... Depth of sewer req'd.....

Common Drain..... Yes / No

Stormwater Disposal (specify).....

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer.....

Value of Proposed Work Plumbing

Drainage

Water Supply Materials..... P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify).....

FOR OFFICE USE

File No. Rec. No. 2096 Check Sht. No. 8969 FEES

Date 26 MAY Zone Res R.1 Sewer Sht. No. 241 Water

P & I

Veh.

98/21 9/68/72

NEW PLYMOUTH CITY COUNCIL

FOR OFFICE USE: File No. 7 113 Check Sheet No. 5429
 Receipt No. 7389 Sewer Sheet No. 241
 Date of Receipt 30/7/73 Zone Residential

To the City Engineer Date _____
APPLICATION FOR BUILDING PERMIT and / or services Lot No. 3
 At (House No.) 21 Barbican Lane D.P. 9907
 For erection of Turning Carport into Study & Sewing Rm Sec. No. _____
 OWNER E. R. Wignall ADDRESS _____
 Proposed use As Above
 Foundation Concrete Walls Timber & Gable End Roof _____

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application As Proposed sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.)	\$ 500 . 00	\$ 3 . 00
Sanitary plumbing and drainage	\$ -	\$ -
STORMWATER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
SEWER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
WATER CONNECTION: Distance from left boundary	-	\$ -
Depth and size of service	-	\$ -
WATER (Building)	-	\$ -
VEHICLE CROSSING: When required	-	\$ -
Distance from left boundary	-	\$ -
Type of footpath	-	\$ -
Type of crossing	-	\$ -
Removal of existing crossing	-	\$ -
DEPOSIT FOR DAMAGE TO FOOTPATH	-	\$ -
HOARDINGS months	-	\$ -
INSPECTION of second-hand building or materials	-	\$ -
BUILDING RESEARCH LEVY	-	\$ -
BUILDER <u>Self</u>	-	\$ 3 . 00

Starting date ASAP Finishing date ASAP
 NAME AND ADDRESS OF APPLICANT As Above
6 Gladstone Rd Phone _____
 Signature of Applicant E. R. Wignall

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber _____
 Signature of Registered Drainlayer _____

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - \$ -
 DRAINAGE - - \$ -
 \$ -

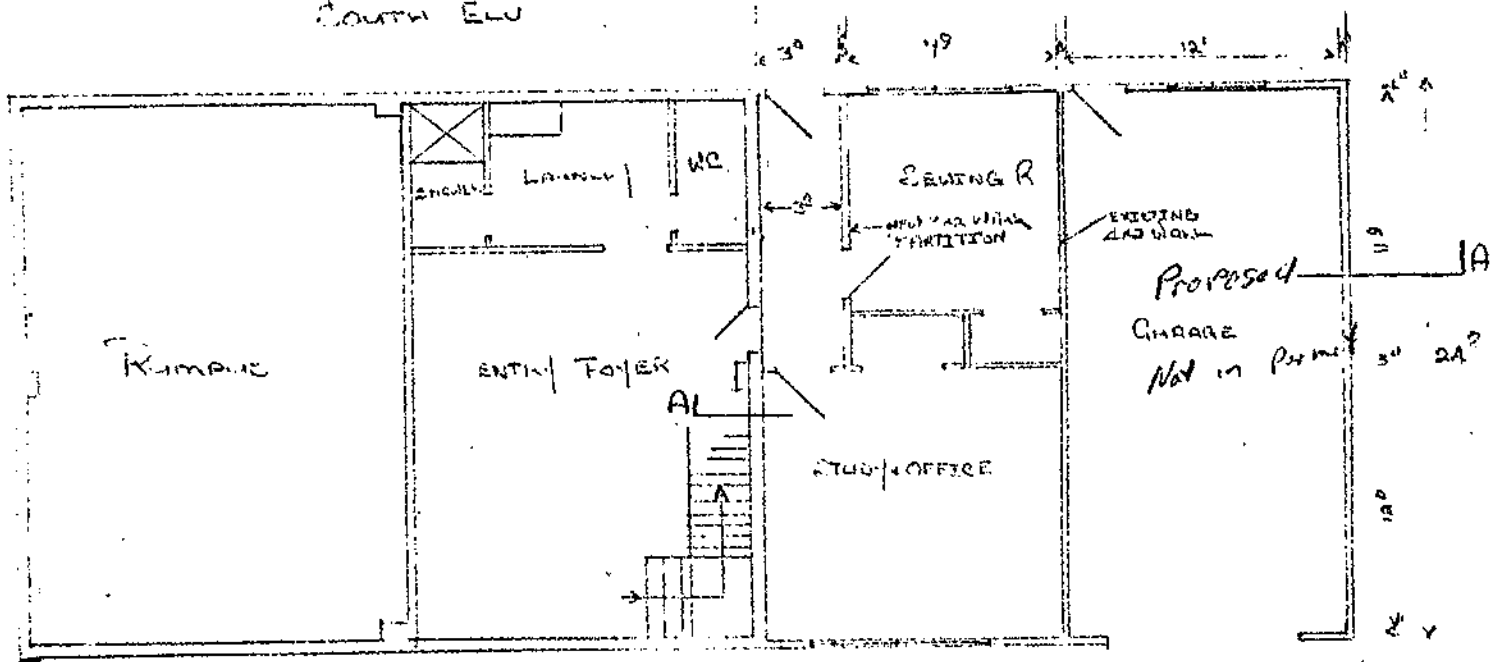
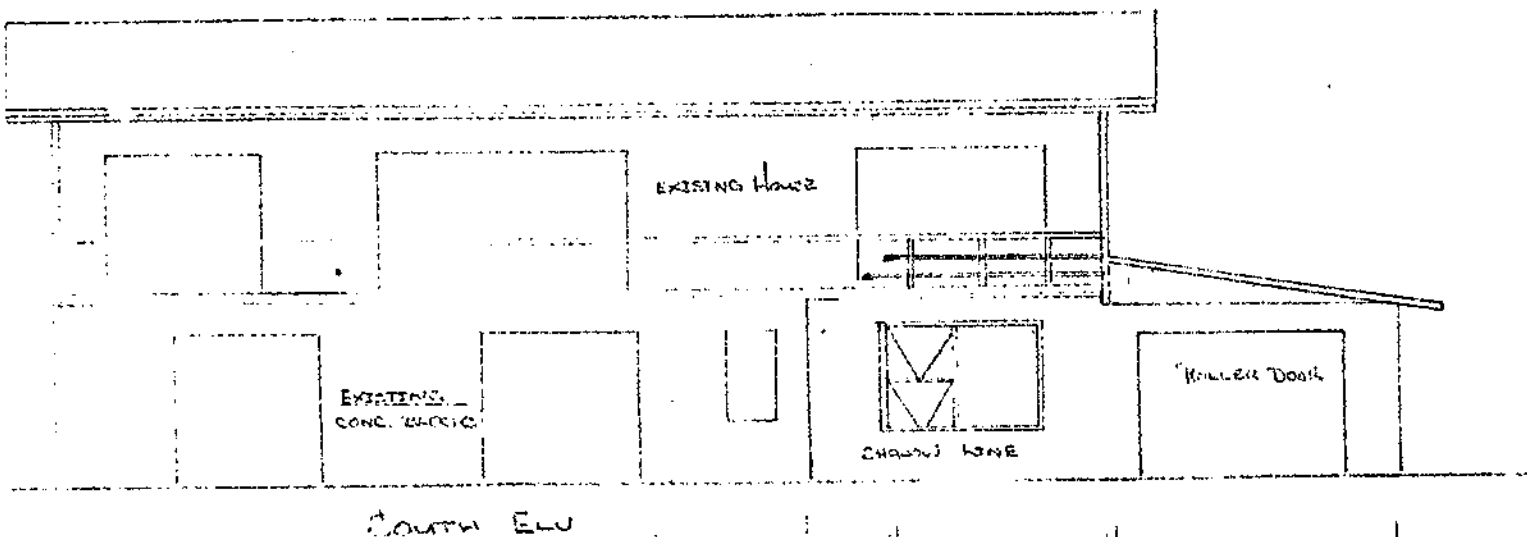
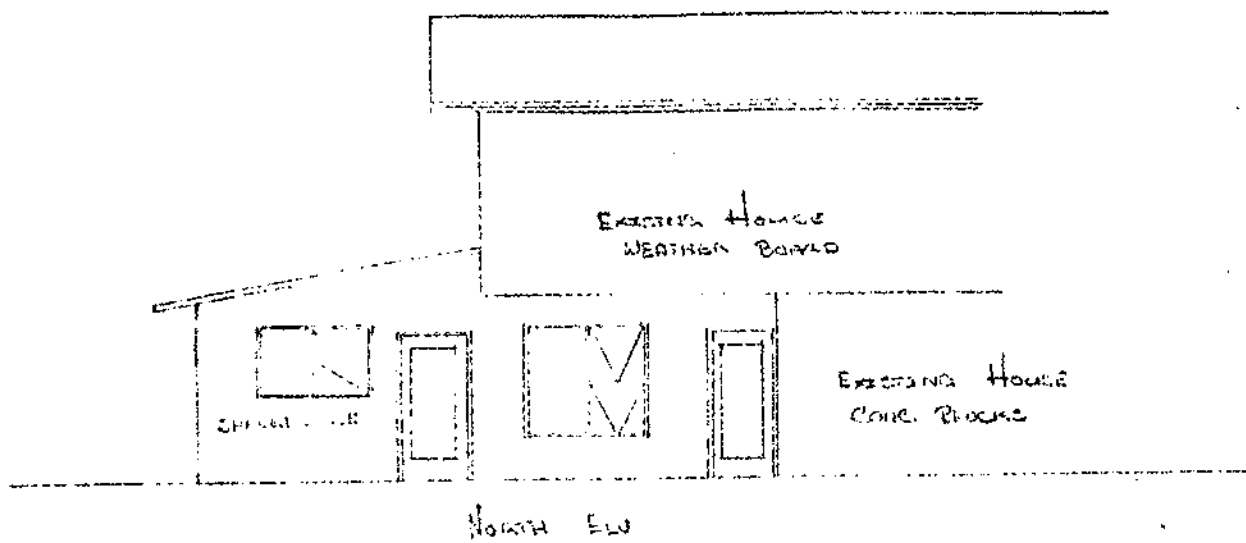
New Plymouth

As per plan

98/21

31 Carter Ave
New Plymouth

7 113



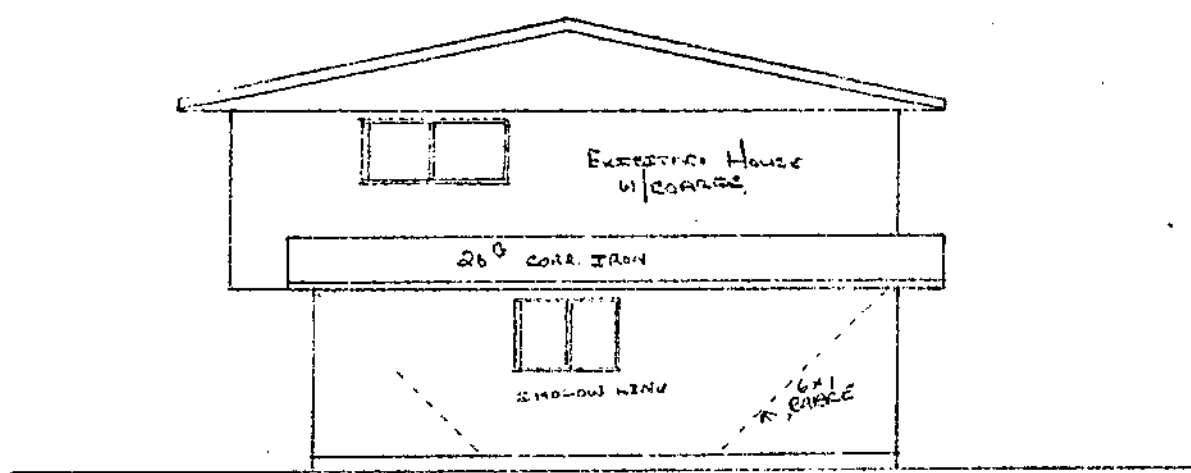
Scale 1/8" = 1'-0"

PLAN AND SPECIFICATIONS
APPROVED

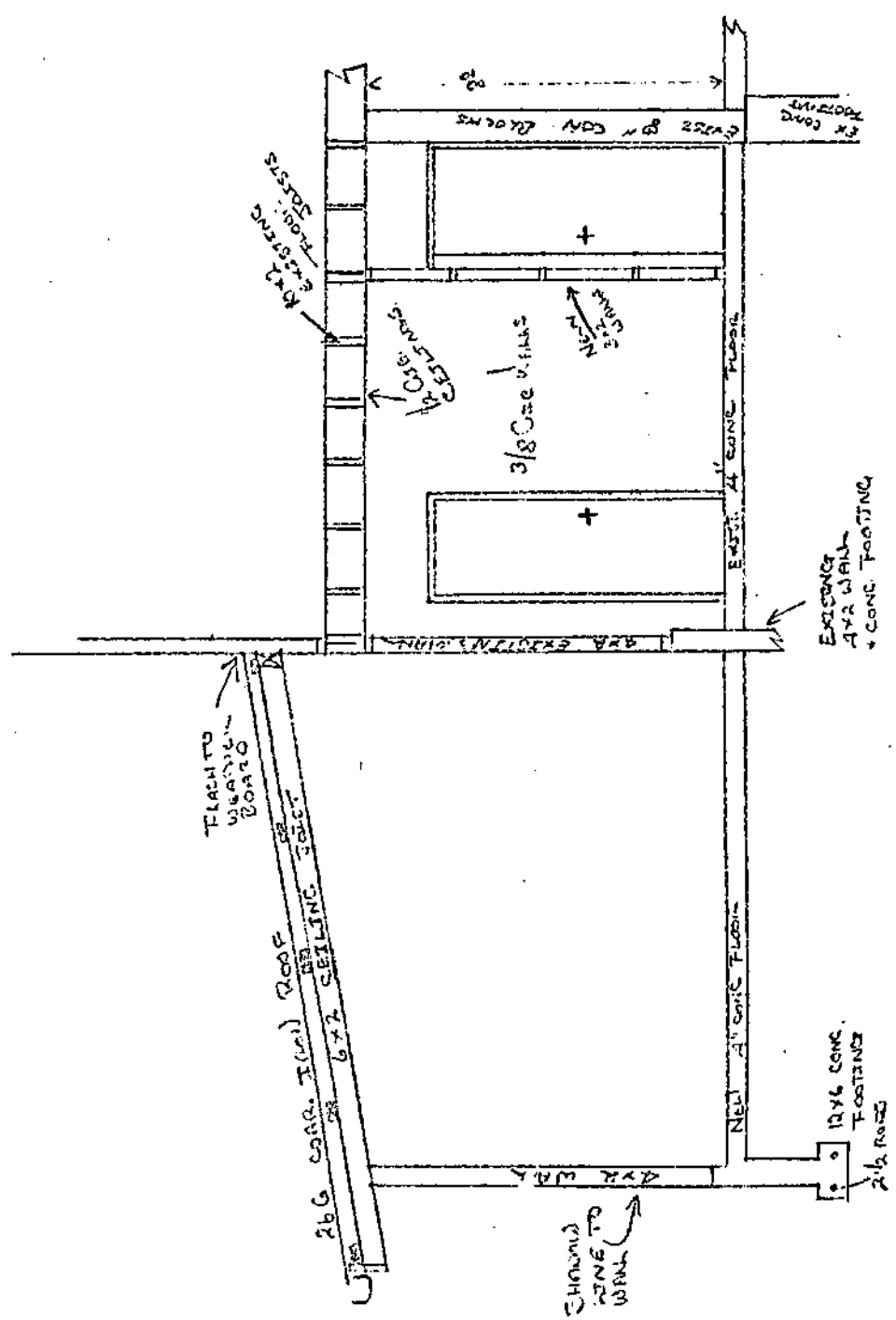
H.P. Adams
BUILDING P.E.

Date 3/17/73

98/21



East Elev



Elev. A.A

Street No. 21 Carlton Ave.
Nature of Work Rep.
Zone Residential

Lot 3 D.P. 9907 Sec. 98121

BUILDING PLAN REGISTER

Owner E. Wynde.
Address Blackstone Rd.
Builder R. W. Need.
Address 7a Euclid St
Value \$ 14000-00
Area of buildings 1150
Area of outblgs " "
Area of new work " "

Date 21-9-72
File No. 4/68/72
Receipt No. 4918
Special requirements

Remarks & Inspections

Well down
Foundation
Back for black
Bond beam
Concrete
15 ft down
20 ft down
30 ft down
40 ft down
50 ft down
60 ft down
70 ft down
80 ft down
90 ft down
100 ft down
110 ft down
120 ft down
130 ft down
140 ft down
150 ft down
160 ft down
170 ft down
180 ft down
190 ft down
200 ft down
210 ft down
220 ft down
230 ft down
240 ft down
250 ft down
260 ft down
270 ft down
280 ft down
290 ft down
300 ft down
310 ft down
320 ft down
330 ft down
340 ft down
350 ft down
360 ft down
370 ft down
380 ft down
390 ft down
400 ft down
410 ft down
420 ft down
430 ft down
440 ft down
450 ft down
460 ft down
470 ft down
480 ft down
490 ft down
500 ft down
510 ft down
520 ft down
530 ft down
540 ft down
550 ft down
560 ft down
570 ft down
580 ft down
590 ft down
600 ft down
610 ft down
620 ft down
630 ft down
640 ft down
650 ft down
660 ft down
670 ft down
680 ft down
690 ft down
700 ft down
710 ft down
720 ft down
730 ft down
740 ft down
750 ft down
760 ft down
770 ft down
780 ft down
790 ft down
800 ft down
810 ft down
820 ft down
830 ft down
840 ft down
850 ft down
860 ft down
870 ft down
880 ft down
890 ft down
900 ft down
910 ft down
920 ft down
930 ft down
940 ft down
950 ft down
960 ft down
970 ft down
980 ft down
990 ft down
1000 ft down

NEW PLYMOUTH CITY COUNCIL
CITY ENGINEERS DEPARTMENT
WATER CO.

98/21
No 427

Name of Project

Address

Purpose of Supply

Fire

New Subdivision

Distance, Building to Main
Size of Corridor

REMARKS

Altitude of Building
(City Datum)

ESTIMATED COST

ESTIMATED
service existing
N.Y.

Mr. Lee

This estimate submitted.

Masterprint 21:93

This estimate is NOT a quotation and is subject to amendment when final plan submitted.

Microprint 21293

10-2-16

NEW PLYMOUTH CITY COUNCIL

98121 X

FOR OFFICE USE: File No. 9 33 Check Sheet No. 4407
 Receipt No. 4913 Sewer Sheet No. 221
 Date of Receipt 15/7/72 Zone Reside. 1st

To the City Engineer Date 15-9-72
APPLICATION FOR BUILDING PERMIT and/or services Lot No. 3
 At (House No.) 1000 7th Ave D.P. 9907
 For erection of Dwelling Sec. No.
 OWNER Mr. E. Wynne ADDRESS 1000 7th Ave
 Proposed use Private
 Foundation concrete Walls weathered Roof iron

AREA of existing buildings - - - sq. ft.
 AREA of existing accessory buildings - - - sq. ft.
 AREA of building in application - - 1150 sq. ft.

ESTIMATED FINISHED VALUE

FEES

Building (including roofing, downpipes, flashings, etc.) - - -	\$ <u>13,000.00</u>	\$ <u>44.00</u>
Sanitary plumbing and drainage - - -	\$ <u>1,000.00</u>	\$ <u>8.00</u>
STORMWATER CONNECTION: Distance from left boundary - - -	<u>14.000</u>	
Depth and size of service - - -		\$
SEWER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER CONNECTION: Distance from left boundary - - -		\$
Depth and size of service - - -		\$
WATER (Building) - - -		\$ <u>1.00</u>
VEHICLE CROSSING: When required - - -	<u>To be notified</u>	
Distance from left boundary - - -	<u>To be marked</u>	
Type of footpath - - -		\$ <u>40.00</u>
Type of crossing - - -	<u>10' Dish</u>	\$
Removal of existing crossing - - -		\$
DEPOSIT FOR DAMAGE TO FOOTPATH - - -		\$ <u>30.00</u>
HOARDINGS - - - months - - -		\$
INSPECTION of second-hand building or materials		\$
BUILDING RESEARCH LEVY - - -		\$ <u>7.00</u>
BUILDER <u>R. W. Wood Pty.</u>		\$ <u>130.00</u>

Starting date Oct 72 Finishing date Jan 73
 NAME AND ADDRESS OF APPLICANT R. W. Wood Pty.
70 Euclid St N. P. Phone 34376
 Signature of Applicant R. W. Wood

SANITARY PLUMBING AND DRAINAGE APPLICATION

Signature of Registered Plumber 15th Spence
 Signature of Registered Drainlayer 15th Spence

ESTIMATED FINISHED VALUE OF WORK

PLUMBING - - - \$ 850
 DRAINAGE - - - \$ 150
\$ 1000.00

R.W. Wood Ltd.

Registered Builders

PHONE 34376

7A EUCLID ST.,
NEW PLYMOUTH.

98/21
9 88

~~SEPTEMBER 1970~~

Feb 1972

SPECIFICATION

OF PROPOSED RESIDENCE

AT: **Carlton Terrace**

FOR: **Mr E. WYNDE.**

GENERAL CONDITIONS:

THE WHOLE OF THE LABOUR, PLANT AND MATERIALS, EXCEPT WHERE OTHERWISE HEREIN STATED, REQUIRED FOR THE COMPLETION OF THE WORK AS HEREIN SPECIFIED AND AS SHOWN ON THE ACCOMPANYING PLAN TO BE PROVIDED BY THE CONTRACTOR, AND THE WORK TO BE COMPLETED TO THE SATISFACTION OF THE OWNER. AT THE COMPLETION, THE CONTRACTOR IS TO REMOVE ALL RUBBISH ACCRUING FROM THE WORK, CLEAN FLOORS AND WINDOWS, LEAVING THE PREMISES READY FOR OCCUPATION.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, GIVE DUE NOTICE TO LOCAL AUTHORITIES, AND COMPLY WITH LOCAL BY-LAWS. ALL WORKMEN ENGAGED BY THE CONTRACTOR ON THE WORKS TO BE INSURED AGAINST ACCIDENT. A BUILDERS' RISK POLICY AGAINST THE LOSS BY FIRE IS TO BE OBTAINED BY THE CONTRACTOR WHEN THE ROOF IS ON THE BUILDING AND IS TO OPERATE UNTIL HANDED OVER TO THE OWNER.

PAYMENTS SHALL BE 90% OF THE VALUE OF WORK COMPLETED AND MATERIALS ON THE SITE AT THE END OF EACH MONTH. 5% TO BE PAID ONE MONTH AFTER COMPLETION AND THE REMAINING 5% TO BE PAID 3 MONTHS AFTER COMPLETION, WHEN THE MAINTENANCE PERIOD EXPIRES.

EXCAVATOR:

CLEAR ALL GRASS AND VEGETATION FROM THE SITE OF BUILDING, AND CLEAR AWAY ALL TIMBER CUTTINGS, ETC. UNDER FLOORS WHILE WORK IS BEING CARRIED OUT.

EXCAVATE FOR ALL WOOL FOOTINGS, AND PILES, SO AS TO GIVE A SOLID BEARING TO DEPTHS REQUIRED. FILL IN AROUND PILES AND FOUNDATIONS AFTER CONCRETE WORKS ARE IN POSITION AND REMOVE SURPLUS SOIL.

CONCRETOR:

ALL CONCRETE TO BE COMPOSED OF SIX PARTS BY MEASURE OF CLEAN CRUSHED RIVER SHINGLES NOT LARGER THAN $\frac{3}{4}$ " GAUGE TO ONE PART OF PORTLAND CEMENT, AND TO BE THOROUGHLY MIXED WITH SUFFICIENT WATER IN MECHANICAL MIXER AND PLACED IN ITS RESPECTIVE POSITION WHILE FRESH.

~~CHIMNEY FOUNDATION AND EXTERNAL WALLS, WHERE SHOWN, TO BE 6" THICK ON 12" x 6" FOOTINGS. REINFORCE WITH TWO $\frac{1}{2}$ " RODS IN FOOTING AND ONE $\frac{3}{8}$ " ROD IN TOP. WALLS OVER 3' HIGH REINFORCED WITH $\frac{3}{8}$ " RODS AT 15" CENTRES BOTH WAYS. PILES TO BE 8" x 8" PRE-CAST CONCRETE SET ON 12" x 12" x 6" CONCRETE FOOTINGS ON ROWS TO SOFT SLEEPERS AND NOT MORE THAN 4'6" APART.~~

as detailed

CARPENTER & JOINER:

ALL TIMBER TO BE THE BEST OF ITS SEVERAL CLASSES AND KINDS, AND TO BE THE QUALITY AND SIZES ACCORDING TO SCHEDULE. ALL EXPOSED EXTERNAL AND INTERNAL TIMBERS TO BE WELL SEASONED. EXTERNAL MACHINE DRESSED AND INTERNAL MACHINE DRESSED AND WELL SAND-PAPERED. PAINTER TO PRIME ALL EXTERNAL TIMBERS BEFORE THEY ARE FIXED.

(2)

SCHEDULE OF TIMBERS:

SLEEPERS		4 x 3	BORIC PINE
FLOOR JOISTS	12 x 2	10 x 2	" "
PLATES	3 x 2	4 x 2	GAUGED BOTH WAY. BORIC PINE.
STUDS	3 x 2	4 x 2	GAUGED. BORIC PINE.
C. JOISTS		4 x 2	GAUGED. " "
RAFTERS		4 x 2	" " "
RUNNERS	TO SUIT SPAN	"	" " "
TRIMMERS		8 x 2	" " "
DWANGS	4 x 2	3 x 2	" " "
PURLINS		3 x 2	BORIC PINE
BRACES		6 x 1	" "
RIDGES & HIPS		8 x 1	" "
FASCIA BOARD & BARGES		6 x 1	TANALISED MATAI OR HT.
WEATHER BOARD		6 x 1	" " "
FLOORING			3/4" PARTICLE BOARD

STUDS TO BE NOT MORE THAN 20" CENTRES. RAFTERS 36" CENTRES. PURLINS 30" CENTRES. FIX THREE ROWS OF DWANGS TO ALL PARTITIONS. FIX 4 X 2 UNDER PURLINS STRUTTED OFF PARTITIONS, WITH 4 X 2 WHERE POSSIBLE. STUD HEIGHT 8 FT.

FORM BOXED EAVES AS INDICATED WITH 3/16" ASBESTOS LINING. LINE PORCHES AND GABLE ENDS WITH 1/4" ~~COVERING~~ High line.

INTERNALFLOORING:

AS SCHEDULED. ALL FLOORS TO BE PUNCHED AND SANDED ON COMPLETION. FLOORING MAY BE LAID PRIOR TO FRAMING IF SEALED OFF IMMEDIATELY AFTER LAYING WITH A SUITABLE SEALER.

LININGS:

~~ALL WALLS~~ ^{+ Ceilings} TO BE LINED WITH 3/8" GIBRALTOR BOARD.

SHOWER CUBICLE, LAMIWALL UP TO 7 FT. HIGH.

~~CEILINGS TO BE 1/2" PINEX SOFT BOARD VELD.~~

INTERNAL FINISHINGS:

O.B. RIMU SKIRTING AND ARCHITRAVES 3 x 1/2 SINGLE BULL NOSE. SCOTIA 1 1/2" BEVELLED CORNICE MOULD.

DOORS:

BACK DOOR - 6'6" x 2'8" 4-PANEL OBSCURE GLASS.

~~FRONT DOOR - 6'6" x 2'10" SINGLE PANEL OBSCURE GLASS~~

INTERIOR DOORS - O.B. RIMU FLUSH.

BEDROOMS, LOUNGE, KITCHEN AND WASH-HOUSE - 6'6" x 2'8".

BATHROOM - 6'6" x 2'6".

TOILET - 6'6" x 2'4".

Wardrobes 6'0" high Nu-look gib panel with
ALL OTHER MAIN CUPBOARDS ~~AND WARDROBES~~ - 6'0" x 2'0". ^{over doors.}

SHOWER - NO DOOR - PLAIN JAMBS ONLY.

BASEMENT DOORS - Nil

~~DOORS BETWEEN LOUNGE AND DINING ROOM - 6'6" x 2'6" SINGLE PANEL OBSCURE GLASS.~~

WINDOWS:

NU-LOOK ANODISED ALUMINIUM, AS INDICATED ON PLAN.

INTERNAL FITTINGS:

AS DETAILED. ALLOW THE P.C. SUM OF \$300.00 FOR THE SUPPLY OF ALL INTERIOR CUPBOARDS ETC.

HARDWARE:

ALLOW THE P.C. SUM OF \$80 FOR THE COST OF ALL HARDWARE EXCLUDING BUTTS AND SLIDING DOOR SETS. BUTTS ON EXTERNAL DOORS TO BE GALVANISED. ELSEWHERE A.C.

ROOF:

26 GAUGE GALVANISED IRON. RIDGING 26 GAUGE GALVANISED. FINISH GABLE ENDS WITH 26 GAUGE BARGE MOULD. LAY NETTING AND BUILDING PAPER UNDER IRON.

EXTERNAL PLASTERER: Nil

~~THE EXPOSED PORTIONS OF STEPS, AND TERRACE FLOORS, TO BE FINISHED IN CEMENT PLASTER AT LEAST 1" THICK. FINISH WITH TRUE AND EVEN SURFACES. RIVETTED AND SPONGED.~~

BRICKLAYER:

~~Western wall only to be sheathed in Fifth Suna Stone laid to N. 2. S. S. 90°.~~

PLUMBER:SPOUTING AND DOWNPIPES:

24 GAUGE GALVANISED SPOUTING WITH 2 DOWNPIPES ~~AND~~ SOAK HOLES ^{by Owner}

HEAD FLASHINGS TO DOOR FRAMES ONLY.

~~SUPPLY AND~~ FIX ONE 30-GALLON HOT WATER CYLINDER. ^{Supplied by Builder}

FIT COPPER OR PLASTIC SUPPLY TANK. ALL PIPING TO BE COPPER OR PLASTIC. HOT WATER PIPES TO BE LAGGED.

FLASH GABLE ROOF WITH 24 GAUGE GALVANISED IRON TO MAKE COMPLETELY WATER-TIGHT. VALLEY 24 GAUGE GALVANISED IRON.

SINK BENCH:

^{Stainless Steel}
6 FT. ~~FORMICA~~ SUPPLIED BY BUILDER.

SHOWER:

3 FT. X 2'6" STAINLESS STEEL. ^{supplied by builder}

BATH:

5'0" PRESSED STEEL.

BASIN:

22" X 16" PORCELAIN.

TUB:

SINGLE ~~CONCRETE~~. ^{S. Steel supplied by builder.}

LAVATORY:

WHITE CHINA W.C. DOUBLE-FLAP ^{plastic} ~~WOODEN~~ SEAT, LOW DOWN LINED FLUSHING CISTERN.

PROVIDE 2 OUTSIDE HOSE TAPS. ALL OTHER TAPS TO BE CHROME.

~~omit shower & w.c. in basement.~~

~~Make provision to connect up at later date.~~

DRAINLAYER:

LAY 4" FIRST QUALITY GLAZED EARTHENWARE SOCKETED PIPES TO TAKE ALL SEWER AND WASTE WATER FROM FITTINGS LAID TO FALLS NOT LESS THAN 1 IN 40. DRAINS SHALL BE LEFT OPEN UNTIL TESTED AND APPROVED BY THE LOCAL SANITARY INSPECTOR.

ELECTRICIAN:

WIRE FOR AND INSTALL 16 LIGHT POINTS AND 7 HEATING POINTS, WHERE DIRECTED BY OWNER. ONE AERIAL AND EARTH AND T.V. POINT. SUPPLY ONE 1,000 WATT ELEMENT FOR HOT WATER CYLINDER. RANGE P.C. \$160. MAINS TO HOUSE TO BE UNDERGROUND.

(4)

98/21

PAINTER AND PAPERHANGER: by Owner.

EXTERNAL:

THE WHOLE OF THE EXTERNAL WOODWORK OF BUILDING TO RECEIVE ONE COAT OF RED LEAD AND OIL PAINT, FOLLOWED BY 2 COATS OF LEAD AND OIL PAINT OF AN APPROVED KIND.

EXTERNAL:

ALL NAIL HOLES AND DEFECTS IN WOODWORK TO BE STOPPED WITH LINSEED OIL PUTTY.

PRIME LAPS OF IRON.

INTERNAL:

CEILINGS TO RECEIVE 2 COATS OF MONOCOAT.
BATHROOM, WASH-HOUSE, W.C. AND KITCHEN WALLS TO BE ENAMELLED 3 COATS.
ALL WINDOW, EXTERNAL DOORS AND FRAMES PAINTED 3 COATS.
KITCHEN CUPBOARDS AND FITTINGS NOT TO BE PAINTED INSIDE.
INTERNAL DOORS, JAMBS, ARCHITRAVES AND SKIRTINGS TO BE VARNISHED.
ALL GIBRALTAR BOARD WALLS TO BE WALL-PAPERED, WALLPAPER £1.50 PER ROLL.

Allow \$700 for this work

ADDENDA:

Concrete floor - pour concrete floor in entry
& laundry area only approx 24'0" x 14'7"

omit laundry & w.c. partitions

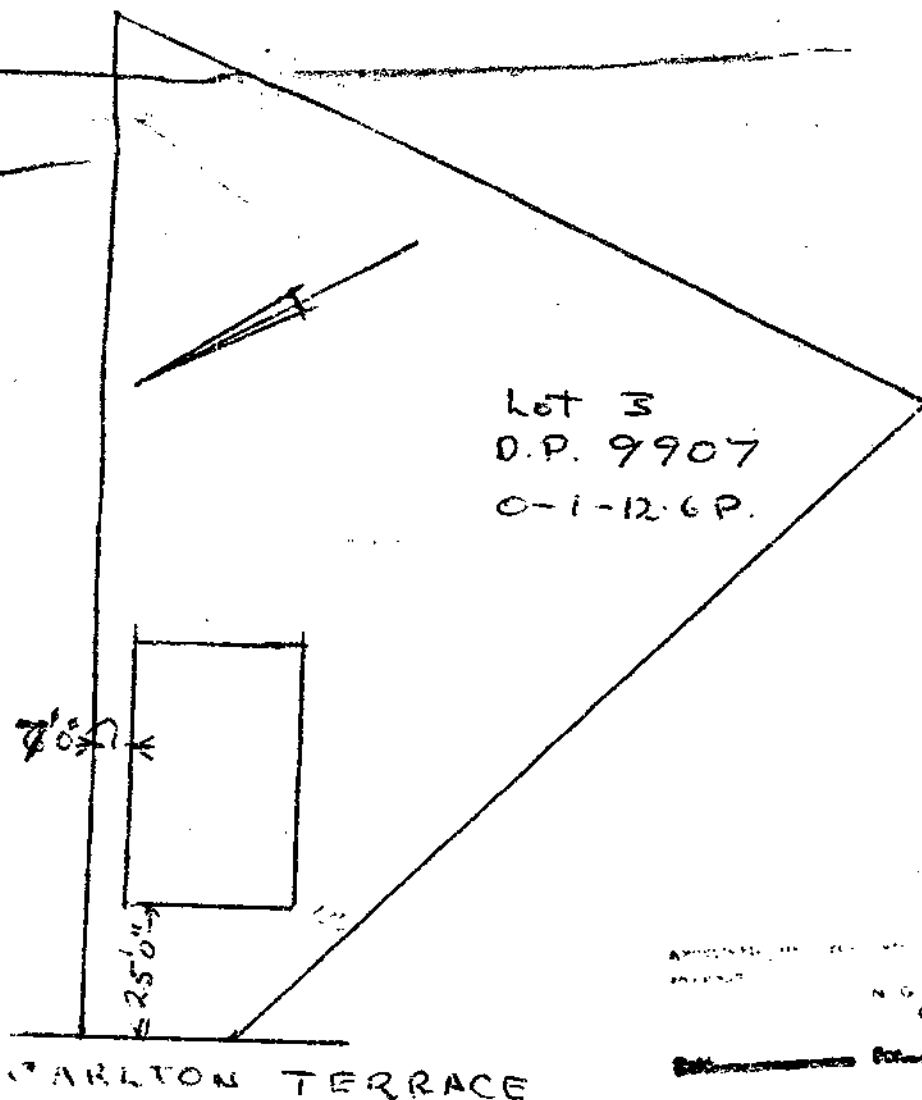
All basement area & stairwell unlined -
to be lined by owner at a later date.

Fit wooden handrail to balcony &
exterior stairs

98/21

6-11-72

AMENDED SITE PLAN.
Residence for Mr. E. WYNDE
21 CARLTON TERRACE



APPROVED BY THE CITY ENGINEER
PROJECT N. G. 111111
City Engineer

~~Signature~~ ~~Signature~~

69. Fittings:

Provide and fix:-

- 1 - 1800 x 500 st.st. sink unit.
- 1 - 560 x 450 x 250 pressed st.st. tub
- 1 - 1525 x 750 pressed st. porcelain enamel bath.

70. DRAINLAYER
Permits:

71. Regulations:

72. Soil Drains:

Apply for all necessary permits and pay all fees in connection with same. The drainage shall comply in all respects with the 'Plumbing and Drainage Regulations 1959' and its amendments and all Local Body By-Laws.

73. Stormwater Drainage:

Lay all drains necessary to take wastes from gully traps and W.C.'s in 100mm GEW or 110mm Terracotta PVC piping to main sewer/other approved septic tank system. Provide carefully fitted fittings as required. Fill in vent and trenches after work has been inspected and tested and leave the system in perfect working order.

74. Testing and Filling In:

From each downpipe lay 100mm field tile drain to even gradient and fall to soakpits not less than 1.000m from and fall to covered with 100mm 1.200 x 1.200 reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Cover reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Alternatively 700mm dia holes 4.000m deep and cover similarly.

75. ELECTRICIAN
Materials & General:

76. Regulations:

Give all necessary notices to the Electricity Supply Authority and obtain any necessary permit. The entire installation shall comply with the requirements of the N.Z. Electrical Wiring Regulations 1961 and its amendments, and all the Supply Authorities By-Laws. The electrical installation shall be carried out by Registered Electricians and shall be in accordance with the N.Z. Electrical Wiring Regulations (1961) and all amendments, and in no case shall the plans or specifications be read to permit work that does not comply with these Regulations or the By-Laws of the Local Electrical Supply or the Authority. Any required supply or otherwise instructed, before Contractor, unless obtained by the Electrical Contractor, shall be paid by the Electrical Contractor work is commenced in connection with installation charges in connection with permits or completion notices shall be paid by the Electrical Contractor.

77. Main Supply: Allow for supply by Overhead lines terminating at an overhead line connector box at joint of entry where directed.
~~Allow for supply by underground cable by the most direct route possible to the building then within the framing to the switchboard.~~
78. Switchboard: Provide and install in a position to be approved a standard domestic switchboard with cover. Fit meters and drill as required. Provide and wire all necessary equipment labelling each item.
79. Fittings: All plug sockets shall be standard 10 amp 3 pin flush type. Light switches shall be standard 5 amp flush type with rocker switches. All exposed fittings shall be ivory coloured. Provide all points for ceiling and wall mounted light fittings and provide weatherproof connections to exterior fittings. Ensure that solid fixing is provided for all fittings.
80. Scope: Provide and fix all necessary wiring for 11 light points including exterior points, 2 double hot points, 5 single hot points, range connection, hot water cylinder connection, T.V. terminal, aerial and earth terminal.
See Addenda Provide and fix 2000 watt element and thermostat for hot water cylinder.
Allow P.C. sum of \$ 375-00 for electric cookers
~~Allow P.C. sum of \$ _____ for light shades.~~
Provide and fix 1 weatherproof opal screw ball fittings to soffit outside Laundry door.
81. Earthing: Provide and install all earthing required by the Regulations and the Supply Authority.
82. Testing: Carry out all testing as required by the Electrical Wiring Regulations and to the complete satisfaction of the Supply Authority's Inspector.

SOLID PLASTERER (N.A.)

83. Materials: Cement and water shall be as specified under Concrete Work. Sand shall be washed clean, sharp and coarse grained, and free from earthy or vegetable matter.
Hydrated lime shall be of approved brand. 'Plimortar' or other approved composition may be used in lieu of lime but only in the proportions recommended by the Manufacturers.
84. Scope: Allow to plaster the following surfaces:-

ADDENDA

Concrete Floor:

Lay Moistop 737 or similar approved vapour barrier over the whole of the floor slab area. Turn down 300mm against foundation walls. Lap and tape all joints with 50mm wide pressure sensitive tape. Lap all joints 150mm minimum. Supply, place, screed and consolidate the concrete floor slab as shown on the drawings to an average consolidated depth of 100mm over the compacted hardfill and vapour barrier. Ensure the vapour barrier does not become damaged during the operation. Finish slab with a vibrating steel screed. Immediately the initial set has taken place in the concrete surface work the concrete with a wood float to produce a surface that is uniform in texture and free from screed and float marks. When the concrete has hardened sufficiently to prevent excess fines being worked to the surface, work with a steel rotary power float to form a level, dense, smooth finish.

Roofing:

Decramastic of colour approved by Owners. Fix in accordance with the manufacturers instructions. Supply and fix all necessary ridge caps, barge flashings etc to complete the work.

80. Scope Contd:

Fix light shades provided by Owners.

Chimney:

Supply and fix a Firth 2 BP chimney.

Fireplace:

Form hearth using firebricks, finishing the exposed brick surface perfectly flush. Fill cavity behind bricks with clean fine shingle and finish at top with 50mm of cement compo. Supply cast iron grate.

Fire Surround:

Allow P.C. sum of \$150-00 for surround selected by Owners.

69. Fittings:

Provide and fix:-

- 1 - 1800 x 500 st.st. sink unit.
- 1 - 560 x 450 x 250 pressed st.st. tub
- 1 - 1525 x 750 pressed st. porcelain enamel bath.

70. DRAINLAYER
Permits:

71. Regulations:

72. Soil Drains:

Apply for all necessary permits and pay all fees in connection with same. The drainage shall comply in all respects with the 'Plumbing and Drainage Regulations 1959' and its amendments and all Local Body By-Laws.

73. Stormwater Drainage:

Lay all drains necessary to take wastes from gully traps and W.C.'s in 100mm GEW or 110mm Terracotta PVC piping to main sewer/an approved septic tank system. Provide other fittings as required. Fill in vent and trenches carefully after work has been inspected and tested and leave the system in perfect working order.

74. Testing and Filling In:

From each downpipe lay 100mm field tile drain to even gradient and fall to soakpits not less than 1.000m from and fall to covered with 100mm 1.200 x 1.200 reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Cover reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Alternatively drill not less than 300mm of topsoil. Alternately with 700mm dia holes 4.000m deep and cover similarly.

75. ELECTRICIAN
Materials & General:

76. Regulations:

Give all necessary notices to the Electricity Supply Authority and obtain any necessary permit. The entire installation shall comply with the requirements of the N.Z. Electrical Wiring Regulations 1961 and its amendments, and all the Supply Authorities By-Laws. The electrical installation shall be carried out by Registered Electricians and shall be in accordance with the N.Z. Electrical Wiring Regulations (1961) and all amendments, and in no case shall the plans or specifications be read to permit work that does not comply with these Regulations or the By-Laws of the Local Electrical Supply or the Authority. Any required supply or otherwise instructed, before Contractor, unless obtained by the Electrical Contractor, shall be paid by the Electrical Contractor work is commenced in connection with installation charges in connection with permits or completion notices shall be paid by the Electrical Contractor

77. Main Supply: Allow for supply by Overhead lines terminating at an overhead line connector box at joint of entry where directed.
~~Allow for supply by underground cable by the most direct route possible to the building then within the framing to the switchboard.~~
78. Switchboard: Provide and install in a position to be approved a standard domestic switchboard with cover. Fit meters and drill as required. Provide and wire all necessary equipment labelling each item.
79. Fittings: All plug sockets shall be standard 10 amp 3 pin flush type. Light switches shall be standard 5 amp flush type with rocker switches. All exposed fittings shall be ivory coloured. Provide all points for ceiling and wall mounted light fittings and provide weatherproof connections to exterior fittings. Ensure that solid fixing is provided for all fittings.
80. Scope: Provide and fix all necessary wiring for 11 light points including exterior points, 2 double hot points, 5 single hot points, range connection, hot water cylinder connection, T.V. terminal, aerial and earth terminal.
See Addenda Provide and fix 2000 watt element and thermostat for hot water cylinder.
Allow P.C. sum of \$ 375-00 for electric cookers
~~Allow P.C. sum of \$ _____ for light shades.~~
Provide and fix 1 weatherproof opal screw ball fittings to soffit outside Laundry door.
81. Earthing: Provide and install all earthing required by the Regulations and the Supply Authority.
82. Testing: Carry out all testing as required by the Electrical Wiring Regulations and to the complete satisfaction of the Supply Authority's Inspector.

SOLID PLASTERER (N.A.)

83. Materials: Cement and water shall be as specified under Concrete Work. Sand shall be washed clean, sharp and coarse grained, and free from earthy or vegetable matter.
Hydrated lime shall be of approved brand. 'Plimortar' or other approved composition may be used in lieu of lime but only in the proportions recommended by the Manufacturers.
84. Scope: Allow to plaster the following surfaces:-

ADDENDA

Concrete Floor:

Lay Moistop 737 or similar approved vapour barrier over the whole of the floor slab area. Turn down 300mm against foundation walls. Lap and tape all joints with 50mm wide pressure sensitive tape. Lap all joints 150mm minimum. Supply, place, screed and consolidate the concrete floor slab as shown on the drawings to an average consolidated depth of 100mm over the compacted hardfill and vapour barrier. Ensure the vapour barrier does not become damaged during the operation. Finish slab with a vibrating steel screed. Immediately the initial set has taken place in the concrete surface work the concrete with a wood float to produce a surface that is uniform in texture and free from screed and float marks. When the concrete has hardened sufficiently to prevent excess fines being worked to the surface, work with a steel rotary power float to form a level, dense, smooth finish.

Roofing:

Decramastic of colour approved by Owners. Fix in accordance with the manufacturers instructions. Supply and fix all necessary ridge caps, barge flashings etc to complete the work.

80. Scope Contd:

Fix light shades provided by Owners.

Chimney:

Supply and fix a Firth 2 BP chimney.

Fireplace:

Form hearth using firebricks, finishing the exposed brick surface perfectly flush. Fill cavity behind bricks with clean fine shingle and finish at top with 50mm of cement compo. Supply cast iron grate.

Fire Surround:

Allow P.C. sum of \$150-00 for surround selected by Owners.

69. Fittings:

Provide and fix:-

- 1 - 1800 x 500 st.st. sink unit.
- 1 - 560 x 450 x 250 pressed st.st. tub
- 1 - 1525 x 750 pressed st. porcelain enamel bath.

70. DRAINLAYER
Permits:

71. Regulations:

72. Soil Drains:

Apply for all necessary permits and pay all fees in connection with same. The drainage shall comply in all respects with the 'Plumbing and Drainage Regulations 1959' and its amendments and all Local Body By-Laws.

73. Stormwater Drainage:

Lay all drains necessary to take wastes from gully traps and W.C.'s in 100mm GEW or 110mm Terracotta PVC piping to main sewer/other approved septic tank system. Provide carefully fitted fittings as required. Fill in vent and trenches after work has been inspected and tested and leave the system in perfect working order.

74. Testing and Filling In:

From each downpipe lay 100mm field tile drain to even gradient and fall to soakpits not less than 1.000m from and fall to covered with 100mm 1.200 x 1.200 reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Cover reinforced with 150 x 150 x 5.30 concrete slab x 1.200 and covered with 100mm mesh. Alternatively 700mm dia holes 4.000m deep and cover similarly.

75. ELECTRICIAN
Materials & General:

76. Regulations:

Give all necessary notices to the Electricity Supply Authority and obtain any necessary permit. The entire installation shall comply with the requirements of the N.Z. Electrical Wiring Regulations 1961 and its amendments, and all the Supply Authorities By-Laws. The electrical installation shall be carried out by Registered Electricians and shall be in accordance with the N.Z. Electrical Wiring Regulations (1961) and all amendments, and in no case shall the plans or specifications be read to permit work that does not comply with these Regulations or the By-Laws of the Local Electrical Supply or the Authority. Any required supply or otherwise instructed, before Contractor, unless obtained by the Electrical Contractor, shall be paid by the Electrical Contractor work is commenced in connection with installation charges in connection with permits or completion notices shall be paid by the Electrical Contractor

77. Main Supply: Allow for supply by Overhead lines terminating at an overhead line connector box at joint of entry where directed.
~~Allow for supply by underground cable by the most direct route possible to the building then within the framing to the switchboard.~~
78. Switchboard: Provide and install in a position to be approved a standard domestic switchboard with cover. Fit meters and drill as required. Provide and wire all necessary equipment labelling each item.
79. Fittings: All plug sockets shall be standard 10 amp 3 pin flush type. Light switches shall be standard 5 amp flush type with rocker switches. All exposed fittings shall be ivory coloured. Provide all points for ceiling and wall mounted light fittings and provide weatherproof connections to exterior fittings. Ensure that solid fixing is provided for all fittings.
80. Scope: Provide and fix all necessary wiring for 11 light points including exterior points, 2 double hot points, 5 single hot points, range connection, hot water cylinder connection, T.V. terminal, aerial and earth terminal.
See Addenda Provide and fix 2000 watt element and thermostat for hot water cylinder.
Allow P.C. sum of \$ 375-00 for electric cookers
~~Allow P.C. sum of \$ _____ for light shades.~~
Provide and fix 1 weatherproof opal screw ball fittings to soffit outside Laundry door.
81. Earthing: Provide and install all earthing required by the Regulations and the Supply Authority.
82. Testing: Carry out all testing as required by the Electrical Wiring Regulations and to the complete satisfaction of the Supply Authority's Inspector.

SOLID PLASTERER (N.A.)

83. Materials: Cement and water shall be as specified under Concrete Work. Sand shall be washed clean, sharp and coarse grained, and free from earthy or vegetable matter.
Hydrated lime shall be of approved brand. 'Plimortar' or other approved composition may be used in lieu of lime but only in the proportions recommended by the Manufacturers.
84. Scope: Allow to plaster the following surfaces:-

ADDENDA

Concrete Floor:

Lay Moistop 737 or similar approved vapour barrier over the whole of the floor slab area. Turn down 300mm against foundation walls. Lap and tape all joints with 50mm wide pressure sensitive tape. Lap all joints 150mm minimum. Supply, place, screed and consolidate the concrete floor slab as shown on the drawings to an average consolidated depth of 100mm over the compacted hardfill and vapour barrier. Ensure the vapour barrier does not become damaged during the operation. Finish slab with a vibrating steel screed. Immediately the initial set has taken place in the concrete surface work the concrete with a wood float to produce a surface that is uniform in texture and free from screed and float marks. When the concrete has hardened sufficiently to prevent excess fines being worked to the surface, work with a steel rotary power float to form a level, dense, smooth finish.

Roofing:

Decramastic of colour approved by Owners. Fix in accordance with the manufacturers instructions. Supply and fix all necessary ridge caps, barge flashings etc to complete the work.

80. Scope Contd:

Fix light shades provided by Owners.

Chimney:

Supply and fix a Firth 2 BP chimney.

Fireplace:

Form hearth using firebricks, finishing the exposed brick surface perfectly flush. Fill cavity behind bricks with clean fine shingle and finish at top with 50mm of cement compo. Supply cast iron grate.

Fire Surround:

Allow P.C. sum of \$150-00 for surround selected by Owners.

16mm 35mm

BUILDING FILE

Code No. 98 / 21

Subject DWG
S/POOL.
CHANGING SHED
GARAGE
1 FLAT

Permit No 127389
48009
13281
82556
82706

Date 30-7-73 11-9-81

5-1-83 3-6-76 24-6-76

No. Sheets LOTS

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 8 90

Project: 21 Pool Check Sheet No. 21882
 Owner: E. R. WYND Sewer Sheet No. 241 Plotted: X
 Address: 21 CARLTON TCE Zone: R-1
 Lot No. 3 D.P. 9907 Sec. No. Area of Site: 1.00

COMPLETED
19 SEPT 1981

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 _____ 40' 4"
 Parking _____
 Access to Rear of Site _____
 Accessory Buildings _____
 Service Lanes & R.D.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 [Signature]

Not Approved _____

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved *[Signature]*

Not Approved

Approved *[Signature]*

Not Approved

Approved *[Signature]*

Not Approved

Approved *[Signature]*

Not Approved

Approved *[Signature]*

Not Approved

S E R V I C E S

08/21

A : SEWER CONNECTION

STORMWATER CONNECTION

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

 Fee \$ ~~_____~~

FEE \$ ~~_____~~

B : WATER CONNECTION

Existing Service _____ 12mm _____
 Distance from L/Boundary _____
 Distance: Main to Boundary _____
 Boundary to Load _____
 Required Service _____ 12mm _____
 Meter _____

Height above Datum 80m

FEE \$ ~~_____~~

C : PLUMBING

No. Fittings	3	2	1	2	2	2	2	Others
W.Cs	_____	Baths	_____	Basins	_____	Sinks	_____	_____
Total Values _____								
Supply Pipe Sizes	<u>1/2"</u>			P.V.C.	☒	Copper	☒	Gal. Iron ☒
Backflow Prev.	<u>Physical line break</u>							
Other Fittings	_____							
Estimated Value	<u>\$ 150.00</u>			Plumbing Fee <u>\$ 10.00</u>				

DRAINAGE

Existing 100' _____ Required Back work to 5/12 lower _____
 Fittings Required _____
 Common Drain _____
 Septic Tank _____
 Stormwater _____
 Estimated Value _____

Drainage Fee _____

Total Estimated Value P. & D. \$ 150.00

FEE \$ 10.00

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing 2/2 _____
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

E : HEALTH & BY-LAWS

98/21

Areas -----

Light -----

Ventilation -----

Remarks: -----

Dec 1/9 Approved OW 19/91
Not Approved -----

F : DANGEROUS GOODS

Domestic or Commercial -----

Storage Capacity & Location N/A -----

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

Approved PC -----
Not Approved -----

G : BUILDING

Remarks: -----

FEES:

Bldg.	4700.00	21.00
Water Bldg.		3.00
B.R.L.	4850.00	5.00
TOTAL		\$29.00

Building Inspector -----

Approved OW 28/6/81 -----
Not Approved -----

Specification: -----

Structural Engineer -----

Approved -----
Not Approved -----
Recommended -----
Not Recommended -----

Fire Service -----

PERMIT NO. 48009

APPROVING ENGINEER

Approved M. Jones -----
Not Approved -----

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 8 90 Check Sheet No. 21882

Receipts No. 2095 Sewer Sheet No. 291

Date of Receipt 11.9.81 Zone Res R1

TO THE CITY ENGINEER

26 AUG 1981

Date 25-8-81

APPLICATION FOR BUILDING PERMIT

At (House No.) 21 Carlton Ave

Lot No. _____

For erection of Swimming Pool

L.P. 9907

OWNER M & R Wynn

Sec. No. _____

ADDRESS 21 Carlton Ave

Proposed Use _____

Foundation _____

Walls _____

Roof _____

AREA of Site _____

AREA of existing buildings _____

M²

AREA of existing accessory buildings _____

M²

AREA of Building in application _____

37.8

M²

Builder D D Hunter

Address 293 Blenheim St

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required

Yes / No

Supplied

Yes / No

Total Value of Building

\$ 4,850

Sanitary Plumbing and Drainage

\$ 350

Value of Building for Permit

\$ 4,500

Water for Building

Building Research Levy on

\$

Hoardings

Mths @

FOR OFFICE USE	
Corrected Value Fees	
TOTAL FEES BUILDING	

Starting Date 25-8-81

Finishing Date 25-9-81

NAME AND ADDRESS OF APPLICANT

D D Hunter 293 Blenheim St.

Phone 34919

Signature of Applicant D D Hunter

Signature of Owner _____

98/21

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT

APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No.

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

House No. 21 Street Carlton Ave. Lot No. D.P. 9907OWNER M. E. R. Weyde Area of SiteADDRESS 21 Carlton Ave. - N.P. Signature of Applicant D. D. HunterProposed Use Swimming Pool Signature of Owner

VEHICULAR CROSSING

When required

Proposed M Position

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection 2" No change by arrangement.

Size of Requested Connection

Distance from L/Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L/Boundary Depth of sewer req'd

Common Drain Yes / No

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer R. S. KillhamValue of Proposed Work, Labour Only Plumbing \$150.Water Supply Materials Drainage
P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

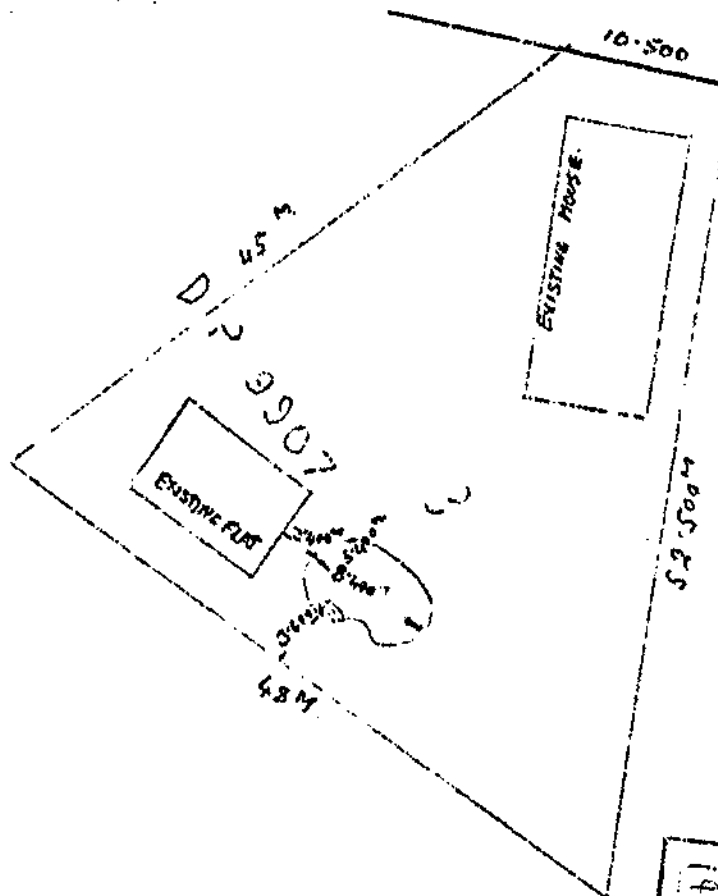
Stormwater Disposal (specify)

FOR OFFICE USE

File No. 8 90 Rec. No. 2095 Check Sht. No. 2188² FEES SewerDate 26 AUG 1981 Zone Res Ri Sewer Sht. No. 24-1 Water P & D 2.10.00

Veh. Crg

CARLTON TCE.



VERIFYING TO BE
COMPLETED BY
19 SEPT 1981

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY
OF THE NEW PLYMOUTH CITY COUNCIL AND NOT
TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSE

TOWN PLANNING
PUBLIC HEALTH
BUILDING
ENGINEER

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

DATE

98121
26 AUG 1981

SITE PLAN FOR THE PROPOSED SWIMMING POOL
FOR MR + MRS. ER WYND 21 CARLTON TCE NP.
SCALE 0.300" = 12.000"
POOL 8.400" X 5.400" X 1.350" DEEP.

DAYFAIR FIBREGLASS SWIMMING POOLS

DIGGING, FRAMING & BACKFILL WORKING MANUAL

98/21
26 AUG 1967

Prior to Excavation

Before any excavation should be commenced a test hole is to be dug in close proximity or within the pool site. Dig to a depth of six - eight inches deeper than desired bottom, or deepest end of pool to enable a definite estimate of height of, (if any) water table. Should the water table be higher than anticipated a hole should be dug where the skimmer box is to be positioned, (or at a central point) to a depth greater than the pool itself and after excavation is completed an emersion pump to be set to exclude surplus water (note in case of a small amount of water it is preferable to raise the height of the pool but depending on the wishes of the owners.)

Excavate for Pool

It is preferred to set out pool size plus backfill margin (of 4 - 6 inches) with pegs and string line. If excavation done with a spade so that if the lines are moved during digging it is then easy to find required mark. Fix a datum height; A backhoe or large trench digger is the easiest and best method of digging providing there is access to the site for the digger as well as a truck to cart spoil. Do an excavation to be 2 inches deeper than the required depth of the pool, any deeper will only present backfill compaction problems, but if it is necessary to backfill an overdeep area the fill must be well heeled into cavity to minimize settling when the pool is finally filled. Dig out sufficient room for the fitting of eye ball fitting and skimmer box. Level out soil in the bottom of the excavation to a uniform level or grade.

Framing and Lining out Pool

As detailed in diagrams, the framing pegs are set at a wall angle of 3 inches to every 12 inches in depth, ^{which is suitable to the stability of the sand backfill mentioned later.} 2"x2" Pegs or wall framing are set out to 3/16" Hardiflex sheet sizes but at no greater centre than 4 feet apart. Place corner pegs first and use a string line top and bottom to line wall pegs. After all pegs are positioned these are cut at the top to a level line and 2 inches below the required top edge of the finished fibreglass. ^{IN PLANNING} Fix a 3x2 gauged timber top perimeter rail nailed to the top of 2x2 pegs. A whaler is now fixed at ground height against wall pegs to hold pool sides straight. Whaler can be selected back and pegged into firm ground. ^{AND CHECKING CORNER} A 2 x 2 timber is fixed against pegs at the bottom perimeter at the height of the pool floor. After framing is complete 3/16" Hardiflex is fixed to the walls nailing at 8" centres to hold sheets firm. Bottom of sheets to be 1" approx. below floor height. Cut out opening for the skimmer throat.

Hydrastatic Valve

Make preparation for construction hole type valve, Diagram supplied, which is to be placed as near as possible to the floor. Drill a 3/8" hole one inch above floor level. Behind this hole centre a 4" land drain 14" long, around which is packed 2" chips or similar to allow water absorption at this point. In some cases it may be necessary to include extra land drain to the hydrastatic valve for extra drainage where a site may have an underground spring, which during construction of the pool water may be pumped from this point, to keep the area dry while laying pool base and also fibreglassing.

POOL FLOOR

98/21

Instead of using Hardiflex on the floor - which shows joints etc. after a time of useage, it is found better to use a weak plaster mix (approx 6 -1 sand & cement) in the floor. Mark the floor height and place floor screeds. Usually screeds are 2"x2" around perimeter of the pool, fastened to the wall sections, and a 2"x2" thru the centre of the pool floor which is set on top of pegs and withdrawn as the floor is screeded off. Work plaster up to a steel trowell finish. Coving may be formed while pool floor is being poured, or the next day after the floor is set enough to walk on. Care must be taken not to damage the floor plaster surface as any marks will show thru to the surface of the finished glasswork. Step treads are poured in conjunction with pouring the floor and using the same method of coving.

Steps

Steps are able to be positioned inside or outside pool size but care must be taken not to disturb too much backfill which is difficult to compact as over ramming will bow the rises of the steps.

2"x2" and 3"x2" timber is used to frame steps and it is best to work from the bottom framing lining and backfilling each step working to the top still leaving 2½" for the plaster mix treads.

Coving

2½" Coving which has the back cut away will fit into internal corners of sides and around steps. Coving should fit as neat as possible to avoid thick fibreglass build up. With a grinding disc or similar smooth off external corners of steps and any external corners of the pool.

Skimmer Box

Skimmer should be located at the end of the pool, or in a position to collect leaves etc. blown by the prevailing wind, and if possible near to the filtration plant. Mark top edge of throat 2 inches down from the top edge of the perimeter rail, then mark the width and depth of the cut. Cut Hardiflex with a carborundum disc in a skill saw, then fit skimmer box into place. Nail secure with two galvenised flat head nails up into perimeter rail. Pack up the back of skimmer box to hold firm. In the case of using a Distemide filter (FDV/20/C.5) on the end of the pool, a special throat is supplied which is fixed to the filter before fitting the filter into place. The throat and filter are fixed together with a thickness of Bondifill or similar, and pop rivited, or bolted together before the bondifill has set. When this is done clean off inside edges and apply 2 thicknesses of 4" chopped strand mat and resin to hold firm. Refer to Filter FDV/20/0,5 mentioned later.

Masking Tape

Any gaps in the hardiflex sheets must be covered with masking tape.

Backfilling and Poolfilling

After a curing period of 6-10 days after final spray coat, the pool is ready for filling with water and at which time backfill is placed around the outer sides of the pool. Keep water running into the cavity behind the pool wall. Keep water above the backfill level by 12" and with a straight edge compact sand and keep pool sides straight ensuring good compaction around filtration pipes.

98/21

To concrete finishing and aggregate

Once it is decided on the height of the pool surround etc. concreting may begin after checking that all the backfill is completed and any P.V.C. pipes are covered with a layer of sand to stop any shrinkage and settling from damaging the pool plumbing.

The normal width of concrete around a pool is 4'6" which when the exposed aggregate is finished gives a walking width of approx. 3'6". With 3"x 1" box around the outside perimeter of the pool to the specified size of concrete required and keeping a fall of 1" away from the pool. This will stop water backing up to the pool and stop puddling. If there is a concrete block to go around the perimeter of the pool (to lift the exposed aggregate slab) it may be necessary to also box the inside size of the concrete to allow screeding off. Place two rods of $\frac{1}{2}$ " steel around the inside size of the concrete. After the concrete is poured it is preferable to section the surround into slabs (with a jointing trowel) of about 10' sizes to form a controlled expansion and contraction joint. Trowel off the concrete to a fine finish with a steel float.

After the concrete has dried the concrete block surround is placed to the required size to suit the exposed aggregate top cap. If the surround blocks are up to one 8" block high there is no need for any more steel than the two rods in the surround concrete, but if blocks are higher than one high, steel must be used accordingly and to comply with N.Z. standard building specifications. After concrete blocks are layed concrete is poured into the top 8" cavity and against the back edge of the pool, insuring that concrete is well compacted under the top outer edge of the pool to form a pool wall restraint and also giving a good bond for the aggregate cap when fixed.

The exposed aggregate cap can now be fitted and cemented down. Lay agg. slabs in place around the entire pool, marking any cuts to be made on angles and corners and insuring there is sufficient slabs for the job even though a slab may break while cutting. Now begin laying slabs with joints no more than $\frac{3}{8}$ " gap for square pointing. Clean off any mortar which may be on the edge of the pool and try not to get too much sand and cement into the pool which has to be cleaned out with a pool vacuum cleaner. An excess amount of cement will raise the p.H of the pool to a dangerous level which must be reduced back with small p.H minus or hydrochloric acid, but the idea is to keep the pool as clean as possible.

MAYFAIR FIBREGLASS SWIMMING POOLS

PLUMBING - SAND FILTER s.s. FL8/1/0.5

Before backfilling is started or filling the pool with water, the pool must be plumbed out to the filtration plant, as well as any pool heating. The filtration plant should be placed within 35' of the skimmer box.

Any pipe work should be P.V.C. Class D well bonded at the joints with the recommended solvent cement. Keep pipework as neat as possible with a minimal amount of bends to overcome any twigs or leaves becoming blocked at these junctions. All pipework around the pool and under concrete should have a sand barrier around the pipe to stop any possibility of rupturing the pipe with any ground movement.

Take an 1½" pipe from the skimmer box to the filter motor (the supply line) from the filter take an 1½" pipe back to the adjustable eyeball fittings, which should be jointed at a central point of the eyeball fitting to equalize the return pressure.

In case of any servicing of the filtration plant, a P.V.C. Union should be used on each pipe to and from the filter. An 1½" wheel valve should be used near the filter on the return side to control the back pressure of the filter. The backwash pipe should reduce down to a 1" pipe and lead to the sewerage drain age. The 1" pipe being a small enough return to build up a back pressure so that the filter bed will not tumble during backwashing.

Other than these instructions use the manufacturers installation and running details.

Topping up method will be the funnel system.

98/21

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 11 92

Project: Chongqing Shed Check Sheet No. 20866
 Owner: E. Wynd Sewer Sheet No. 241 Plotted: P.C.
 Address: 2 Carlton Tce Zone: R.1
 Lot No. 3 D.P. 9802 Sec. No. Area of Site:

TOWN PLANNING

Designations 5 12 82
 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 40' from f.
 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:

SECTION CARD	
TOWN	1006
LOT	3
DATE	11/12/82
Clark / [Signature]	

Approved Russell
 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. ☐			Copper ☐	Gal. Iron ☐		
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 Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing Concrete
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

\$

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Within 2000 days after 10/1/82

of 10/1/82

Approved 35/4

Not Approved

PLB

Approved

Not Approved

PL

Approved

Not Approved

2/12/82

PL

Approved

Not Approved

PL

Approved

Not Approved

98/21

Approved OW 1/17/82
Not Approved _____

Approved _____
Not Approved _____

FEES:		
Bldg.	1000	17-82
Water Bldg.		I
B.T.L.		I
TOTAL		\$ 17.00

Approved 8-4-29-11-82
Not Approved _____

Approved_ _ _ _ _
Not Approved_ _ _ _ _

Recommended _ _ _ _ _
Not Recommended _ _ _ _ _

Approved _____
Approved 3/12/82 _____

Not Approved_ 3/12/82 _ _ _

98121

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT
BUILDING INSPECTORS - FIELD INSPECTION SHEET

1. Project Address 21 Carlton Geo.
 Nature of Works Changing Shed Value \$ 1000-00
 Area of New Work 4.2 Phone: 33479
 Owner E. Wynd Phone: _____
 Builder 411 Check Sheet No 23566
 File No 11 92 Date: 15326
 Permit No 15326 Receipt No 15326

2. COMMENTS TO BUILDING INSPECTOR

3. SUMMARY OF INSPECTIONS

	Date	Int	Date	Int	Date	Int
Footings and Steel						
Floor Slabs						
Reinforcing to Block Walls						
Sub Floor Framing and Bracing						
Wall and Roof Framing						
Insulation						
Completion						
Notice Sent to Streetworks						

ite Plan

98121

RECORD OF INSPECTIONS AND AMENDMENTS ALLOWED.

Note: Each entry to be signed.

DATE

6/9/55

Needs 2 N418 to files.
Otherwise complete

INSPECTOR

CBI

98/21

NEW PLYMOUTH CITY COUNCIL

11 92

23/566

FOR OFFICE USE: File No. _____ Check Sheet No. _____
 Receipt No. 13326 Sewer Sheet No. 241
 Date of Receipt 11/33 Zone Res R1

26 NOV 98

TO THE CITY ENGINEER

Date _____

APPLICATION FOR BUILDING PERMIT

Lot No. 3

At (House No.) 21 Carlton Tce.

D.P. 9907

For erection of Changing shed.

Sec. No. _____

OWNER E. Wynd.

ADDRESS as above.

Proposed Use Private.

Foundation Conc.

Walls Timber. Roof Iron.

AREA of Site _____

AREA of existing buildings _____ M²AREA of existing accessory buildings _____ M²AREA of Building in application _____ 9.3 M²

Builder Self

Address _____

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required

Yes / No

Supplied

Yes / No

Total Value of Building

\$ 1000-00

Sanitary Plumbing and Drainage

\$

Value of Building for Permit

\$ 1000-00

Water for Building

Building Research Levy on

\$

Hoardings

Mths @

FOR OFFICE USE

Corrected Value Fees

TOTAL FEES BUILDING

Starting Date _____

Finishing Date _____

NAME AND ADDRESS OF APPLICANT

E Wynd.

21 Carlton Tce

Phone 33479

Signature of Applicant _____

Signature of Owner _____

98/21

notes

all carpentry shall be in accordance with NZS 3604.

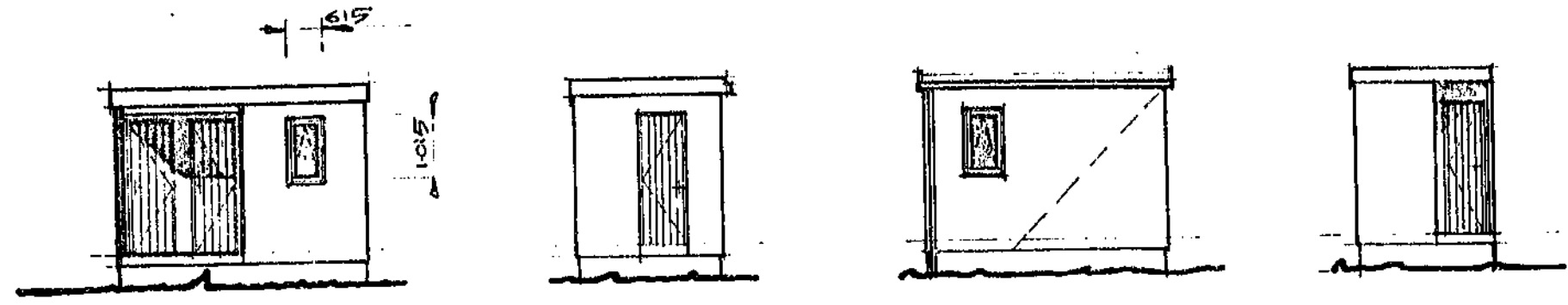
Decking material - ex 100x40

Doors TG+vee

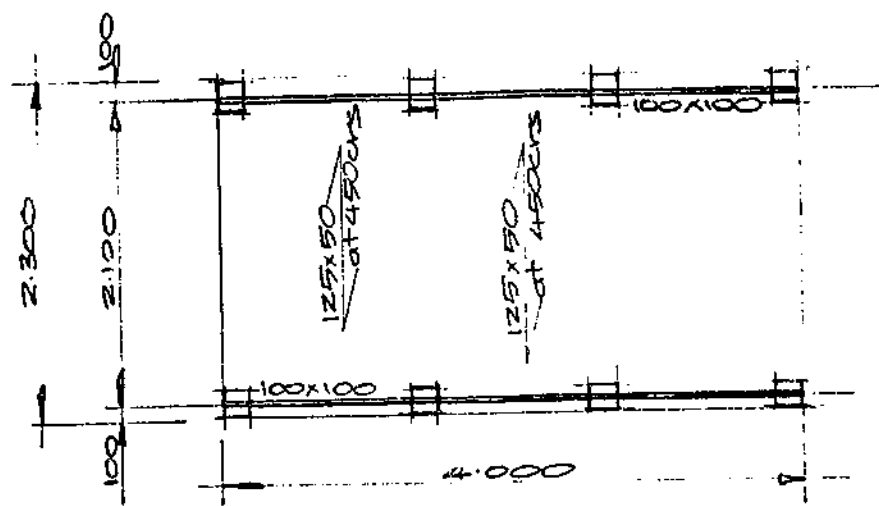
Cladding 4.75 Hardiflex

11 92

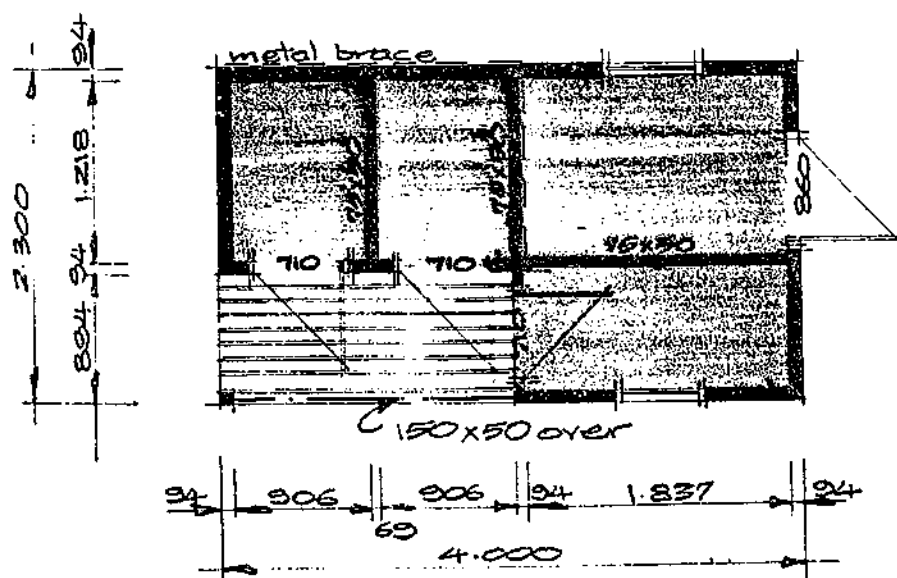
26 NOV 98



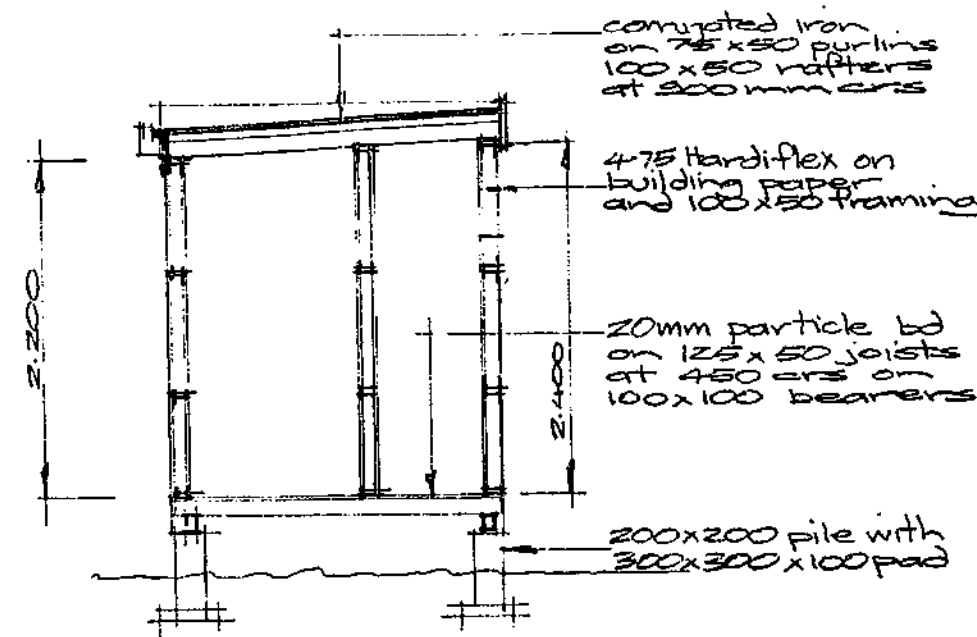
elevations 1:100



pile layout 1:50



floor plan 1:50



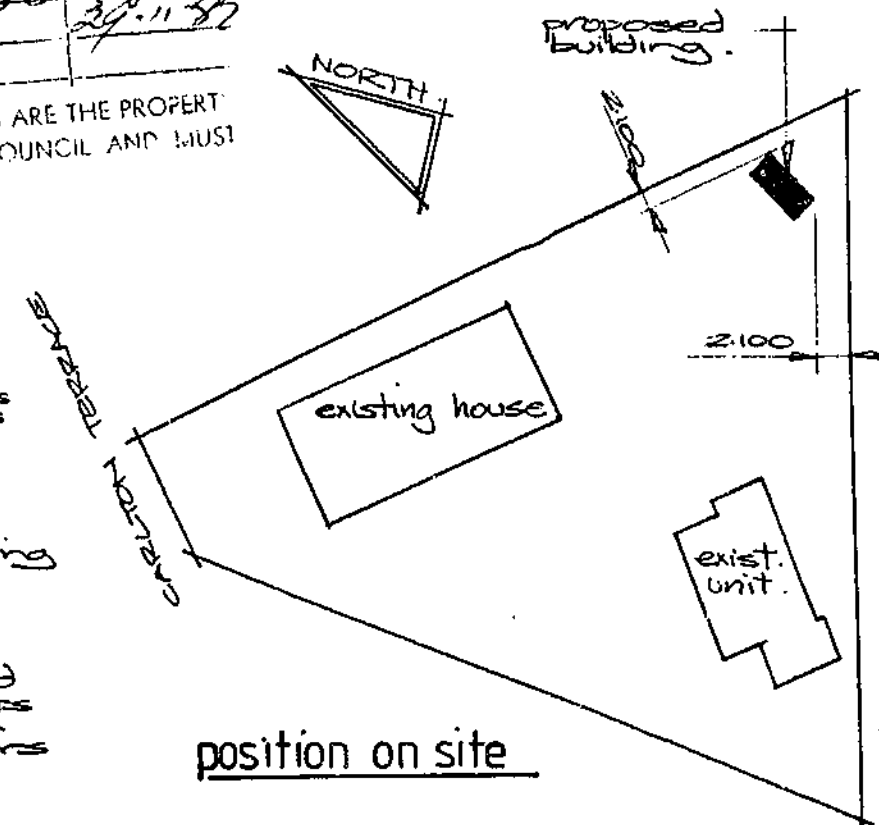
section 1:50

NEW PLYMOUTH CITY COUNCIL
APPROVED FOR TYPE, USE, SITING, COVERAGE
AND CONSTRUCTION IN ACCORDANCE WITH ALL RELEVANT ACTS,
REGULATIONS AND BYLAW ADMINISTERED BY THE NEW PLYMOUTH CITY COUNCIL

DATE	26.11.82
DESIGNED	R. J. J. J.
CHECKED	OW 1/12/82
DATE	2.11.82
DATE	24.11.82

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

VERIFYING TO BE
COMPLETED BY
3.12.82



position on site

MULTI-PURPOSE BUILDING for E. WYND. ———
CHANGING ROOMS, PUMP ROOM, GARDEN SHED,

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No.

6.24

Project: 1. Flat Check Sheet No. 9022
 Owner: C. Wynd Sewer Sheet No. 241 Plotted: AC
 Address: 21 Canton Tce. Zone: R2
 Lot No. 3 D.P. 9907 Sec. No. _____ Area of Site: _____

TOWN PLANNING

Designations	
Area of Buildings	
Coverage	
Maximum Height	
Front Yard	
Relat. of Bldg. Size: (1) Rear Yard	
(2) Side Yard	
Open Space	
Grazed 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: It is required that one additional off
street car park be provided for the
proposed flat the location of the proposed
car park is to be shown on the
site plan.

Approved

Not Approved

S E R V I C E S

08/21

A SEWER CONNECTION

STORMWATER CONNECTION

Existing Service _____
 Required Service 100 mm
 Location 13m. from Left Bdy.
 Depth _____
 Special Requirement _____
 Common Drain _____
 Fee \$ 150

Fee \$ _____

FEE

\$150

B WATER CONNECTION

Existing Service 1/2"
 Distance from L/ Boundary _____
 Distance Main to Boundary 30'-0"
 Boundary to Load 30'-0"
 Required Service 1/2"
 Meter _____

Height above Datum 270'

FEE

\$80

C PLUMBING

No. Fittings W.Cs 1 Baths 1 Basins 1 Sinks 2 Showers 2 Tubs 2 Others _____
 Total Values 12
 Supply Pipe Sizes 3/4" 1/2" P.V.C. ☒ Copper ☒ Gal. ☐ Iron ☐
 Backflow Prev. N/A
 Other Fittings N/A
 Estimated Value \$1000.00 Plumbing Fee _____

DRAINAGE

Existing 4" Required 4" to sewer connection
 Fittings Required Traps - Vents etc
 Common Drain N/A
 Septic Tank N/A
 Stormwater Soakaway Pit
 Estimated Value \$200.00 Drainage Fee _____

Total Estimated Value P. & D. \$1200.00

FEE

\$9.00

D: VEHICULAR CROSSINGS

Type of Footpath Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq. Yds. _____ Level at Boundary _____

STREET WORKS FEE \$ _____

DEPOSIT DAMAGE FEE

\$ _____

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

98/21

Approved

N.D.

Not Approved

Each unit is to have its own 150 supply
and 150 mls

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

98/20

Approved M. Kern
Not Approved _____

Approved
Not Approved

FEES:		
Bldg.	9800 00	36 - 00
Water Bldg.		7 - 00
B.R.L.	11000 00	5 - 50
TOTAL		\$ 43 50

Approved 454
Not Approved _____

Approved_ _ _ _ _
Not Approved_ _ _ _ _

Recommended _____
Not Recommended _____

Approved
Not Approved

98121

r Dudding
0254:RLB

16 June, 1976

Mr & Mrs C Wynd,
2 Reo Moana Flats,
Plymouth Street,
New Plymouth.

Dear Sir/Madam,

Your application dated 9 June, 1976, for permission to erect a flat at house No. 21 Carlton Terrace, being Lot 3, D.P. 9907, has been examined and in accordance with the provisions of Clause 2.9.1 of Chapter 2, NZSS 1900, I have to advise that because insufficient information has been supplied relative to Acts, Regulations and By-laws administered by Council, the issue of the required permit is withheld until the following information has been supplied by way of amendment or addition to the plans and specifications deposited.

As soon as the requirements scheduled below have been satisfactorily attended to the permit will be issued within the time of six (6) days as stipulated by the By-laws and subject to the required fees having been paid.

Town Planning:

It is required that one additional off street car park be provided for the proposed flat. The location of the proposed carpark is to be shown on the site plan.

Council Officers will be pleased to assist at your earliest convenience.

Yours faithfully,

N.G. HARRIS,
City Engineer.

98/21

9022

- 9 JUN 1976

Date 6-24-64

Lot No. 3

DP 9907

Sec. No. 31

ADDRESS 2 Res Monna Flats N 2

Walls CONCRETE Block Roof HARVEY TILE

0.1 13.6

132.53 M2

ALL M^2

67.08 M²

Address 25 Bldg

Address 60 POWELL ST. N.P.

...Address.....

Yes / No

\$ 11 000

\$ 1200 ~~16~~

\$ 99.00

3

3

TOTAL FEES BUILDING

Finishing Date 11-9-67

C. W. N. 2

Phone 89296

W. E. Wood

25-10-1944

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEERS' DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

98/21

To the City Engineer

I wish to apply for permission to carry out the work described in the plans and specifications deposited herewith at:—
House No. 218 Street CARLTON TERRACE Lot No. 3 D.P. 9907
OWNER Mr. & Mrs. C. WYNNE
ADDRESS 3 RED MOANA FLATS WEYMOUTH N.P.
Signature of Applicant *C. Wynne*
Signature of Owner *C. Wynne*

Phone No: 89296

Proposed Use RESIDENCE
VEHICULAR CROSSING

When Required

Position
L/ Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

Common Drain

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer *K. BINT*

Value of Proposed Work

Plumbing \$ 770

Drainage \$ 130

P.V.C. Copper Galvanised Iron

Water Supply Materials

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify)

FOR OFFICE USE

File No.

21 Rec. No.

Zone

2249

Res R1

Check Shit. No. 9022

Sewer Shit. No. 241

FEES Sewer

Water

P & D

Veh. Crg

\$ 2.00

Date - 9 JAN 1976

PLEASE ADDRESS ALL LETTERS
"THE CITY ENGINEER"
PRIVATE BAG NEW PLYMOUTH

FOR FURTHER ENQUIRIES PLEASE ASK FOR
Mr. Dudding
REF. N318 R.B



98/21

TELEPHONE 88059
80 LIARDET STREET
NEW PLYMOUTH

City Engineer's Department

11 May 1976

- 9 JUN 1976 6 24

Messrs Govett Quilliam & Co
P.O. Box 742,
Barristers & Solicitors,
NEW PLYMOUTH.

Attention Mr Irwin.

Dear Sir,

Proposed Grouped Dwelling Units
21 Carlton Terrace.
Lot 3 DP 9907

The pencil sketch plan of a second proposed dwelling unit on the above site has been examined and there appears to be no reason why such a unit cannot be erected.

The site is a large front site, and Grouped Dwelling Units are a predominant use in the Residential R1 zoning that applies to the site.

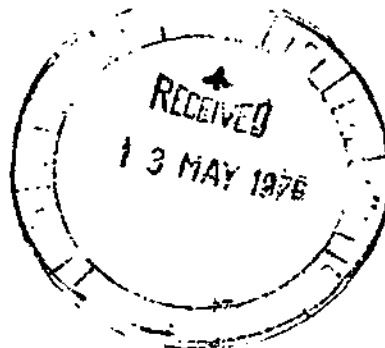
There are a number of yard restrictions etc that apply to such buildings but because of the large area of the site, and the central position proposed for the building the only specific requirements that appear relevant are:

- (a) The new building should be 9 metres (30ft) from the existing house, or alternatively joined to it.
- (b) The building should be 10 feet from the rear boundary.
- (c) An extra carpark will need to be provided for the extra dwelling unit.

This letter cannot be taken as final approval of the proposal as full plans for a building permit would be necessary, and more specific siting and development plans may indicate other problems. (e.g. height problem, problems of getting extra parking etc.) However from the information given the proposal appears feasible.

Yours Faithfully,

I.H. Dudding.
Town Planning Officer.



98/21
6 24

6-24

(N.A.) = Not Applicable

- ## 2. - Insurances:

NEW MEMBERSHIP SOCIETY

3. By-Laws:

4. **Payments:**

5. Prime Cost Sums:

6. Materials:

All materials shall be the best of their respective kinds specified or implied, and anything not specifically mentioned, but necessary in accordance with the usual custom of the trade, or necessary to the proper completion of the work shall be allowed for by the Contractor.

7. **Period of Maintenance:** The Contractor shall maintain the works in a thorough state of repair for a period of thirty (30) days after the owner has accepted the works as complete. After the expiry of the maintenance period the contractor shall make an inspection of the works and make good any defects to the satisfaction of the owner.
8. **Damage:** The Contractor shall be held responsible for and shall make good any damage to adjoining property, embankments, paths, roads, fences etc.
9. **Temporary Power & Water:** The Contractor shall be responsible for the supply of electric power and water for all trades. He shall make arrangements and pay all fees and running charges for temporary installation, running costs and remove same at completion of the contract.
10. **Site Clearance:** At completion of contract clear away all sheds, plants, gear, rubbish etc, and leave buildings and site clean and tidy. Floors shall be swept, glass cleaned inside and out, sanitary fittings cleaned and the premises left ready for occupation.
11. **Excavations:** Excavate for foundations, steps etc to the depths shown or to solid bottom. Excavate for drains to depths or to specified. Excavate for all other services required by any particular sub-trade.
12. **Concrete Work:** Maintain all excavations and fillings against subsidence or settlement. Keep all excavations free of water seepage or debris. Clean out foundation excavations prior to placing of reinforcing steel and maintain same both clean and dry until concrete is poured.
- All concrete work shall be carried out in accordance with NZSS 1900, Chapter 9.3A and its amendments.
- Immediately before placing, formwork shall be cleaned out and construction joints prepared. Concrete shall be handled as rapidly as possible from the mixer to the final position in the formwork. Concrete shall be conveyed and it shall be that no segregation takes place and it shall be immediately spaded, tamped and rammed into position. No layer shall be more than 45 minutes old when fresh concrete is placed on it. Any joint when more than 45 minutes shall be treated as a construction joint and left for a period of not less than 24 hours. Concrete shall be thoroughly worked and consolidated around steel reinforcement and into all parts of the formwork so that no voids or cavities are left.
- Co-operate with other trades and form all necessary openings, recesses, ducts etc. Build in all bolts, plugs, grounds etc as required.
- Formwork shall be accurately set out, straight and true, strong and rigid, well braced, tied and strutted and close jointed to prevent leakage. Formwork shall be removed carefully without causing any injury to the concrete.

Concrete Work Continued: The minimum time between placing of concrete and removal of formwork shall be three days for walls and seven days for slabs.

All concrete shall be adequately protected against damage.

Concrete slabs shall be kept moist for a minimum of seven days after initial set by spraying, the use of wet sacks or other approved methods.

13. Concrete:

Concrete which is to be reinforced shall be ordinary grade concrete proportioned to give a workable dense concrete of not less than 17.5 MPa crushing strength at 28 days. The maximum aggregate size shall be 20mm and the minimum content shall be 320 kg/cu metre.

Concrete used for filling masonry cavities, bond beams etc, shall have a minimum crushing strength of 17.5 MPa at 28 days and a maximum aggregate size of 12mm.

Site concrete shall have a maximum crushing strength of 10 MPa at 28 days.

14. Reinforcement:

Before using in the work and immediately prior to concrete placing, all reinforcement shall be free from dust, dirt, loose rust and mill scale, paint, oil and all other deleterious substances. Reinforcement shall be accurately placed in accordance with the drawings and firmly secured with 1.60mm soft iron wire at intersections as required. Ties or stirrups shall be bent tightly around the main reinforcing. Laps shall be 40 diameters for plain bars and 32 diameters for deformed bars.

15. Piles: (N.A.)

Piles shall be 200 x 200 precast concrete with wires embedded. Piles shall project at least 450mm above ground and be set in 300 x 300 x 150 concrete pads.

16. Ventilators: (N.A.)

Set in foundation walls where necessary precast concrete ventilators. Space at 1.800m centres and not more than 750mm from each corner.

17. Porches & Steps:

(N.A.)

Walls to be 125mm thick concrete. Porch floors to be 100mm thick reinforced with heavy wire mesh or 10mm R.M.S. rods at 400mm centres. Steps to be formed of concrete and treads to be at least 230mm and risers not more than 175mm. Slabs, steps to rest on properly rammed hardfill.

18. Blockwork:

All concrete masonry work shall conform to the requirements of NZS 1900, Chapter 9.2 1964. Concrete for filling cavities and reinforcing steel shall be as in section 13 and 14 above. All work shall be carried out by tradesmen skilled in concrete block construction. Place all vertical reinforcing in the centre of of cavities. Fill all reinforced cores and bond beams with concrete as work proceeds.

19. Brickwork: (N.A.)

All brickwork shall be in accordance with the requirements of NZSS 1900 Chapters 6.1 and 6.2. Bricks shall be laid in stretcher bond true to line; level and plumb and in accordance with best trade practice. All work shall be laid from the lowest corner and no corner shall be raised more than 900mm above wall line. Toothing will not be permitted. All joints will be completely filled with mortar and the bricks shall be shoved into place at least 12mm. Joints shall be not more than 10mm thick and shall be tooled as work proceeds.

20. Timber:

All timber to comply to the NZSS No. 169 or Variations approved by the Housing Corporation, but to be generally as follows:-

Sub Floor: (N.A.) Tanalised No 1 Framing Grade Radiata Pine, Rimu, Matai or Building A Grade Rimu, Matai. Heart Rimu, Matai, No 1 Framing or Building A Grade.

Framing: Boric or Tanalith Treated No 1 Framing Grade Radiata Pine.

Exterior finishing timbers: Tanalised Dressing A Grade Rimu, Matai, Radiata Pine or Heart D.A. Rimu, Matai

Interior finishing timbers: Treated or Heart Dressing A Rimu or Matai

Cupboard Fitments etc: Treated Factory Grade Radiata Pine and Particle Board.

Flooring Timbers: 20mm H.D. Flooring Grade TWP Particle Board.
(N.A.)

21. Seasoning:

All timber must be well seasoned as is procurable, either in the open air or kiln-dried. Joinery timber and other dressed timber shall be machined only after its moisture content has been reduced to 12-18% based on oven dry weight.

22. Damp Proof Course:

Between all faces of timber in contact with concrete or concrete masonry, place a full width, length and height layer of approved 3 ply bitumen fabric D.P.C.

23. Sleepers: (N.A.)

To be 100x75 wired or bolted to foundations and scarfed and halved.

24. Floor Joists: (N.A.)

To be spiked together over sleepers.

25. Wall Plates:

To be 100x50 halved at joints and angles and to have 16mm holes between each stud. Holes in bottom plate to be vermin proofed.

26. Studs:

100x50 at not more than 450mm centres 75x50 for non-bearing walls.

27. Dwangs:

3 rows to each wall, minimum size 75x50.

28. Braces:

150 x 25 or 22 x 22 x 1.2 galvanised steel angle cut flush with framing.

29. Lintels
- | | |
|-------------------|----------|
| up to 900mm span | 100x50 |
| up to 1.350m span | 100x75 |
| up to 1.800m span | 2/100x50 |
| up to 2.250m span | 2/125x50 |
| up to 2.700m span | 2/150x50 |
| up to 3.400m span | 2/200x50 |
30. Ceiling Joists: 100x50 at 500mm centres maximum.
31. Runners: 100x50 across all joists spanning 2.400m or more. Where span of runners is 2.400 to 3.600m runner to be 125x50 and 150x50 where span is more than 3.600m.
32. Rafters: 100x50 at 900mm maximum centres. Support with 100x50 under purlins. Struts of 100x50 and collar ties of 150x25 to alternate rafters.
33. Trusses: Approved nail plate trusses (in lieu of rafters etc) to be at 900mm centres. Securely fix to wall plates with 'Trip-L-Grips'. Brace according to manufacturers recommendations.
34. Purlins: (N.A.) 75x50 at 750 centres maximum.
35. Hips and Ridges: (N.A.) To be 200x25.
36. Valleys: (N.A.) Valley rafters to be 100x50, valley boards to be 150x25.
37. Fascia Board: ex 150 x 30.
38. Eaves & Exterior Ceilings: Line with 4.5mm flat asbestos cement board. ~~Frame with 75x50.~~
39. Exterior Wall Cladding: Highline asbestos cement board to gable ends.
-
40. Flooring: (N.A.) To be 20mm HD Particle Board. Sand on completion.
41. Finishing Timbers: Architraves - ex 50x12
Skirtings - ex 75x12
Cornices - 40mm Scotia
42. Building Paper: Line exterior face of external walls with a standard weight building paper laid horizontally with 100mm laps. Replace any paper that becomes torn during construction.
43. Internal Linings: (Timber framed walls only)
- | | |
|------------------------|-------------------------------------|
| Walls; Laundry: | 4.75mm Pinex Hardboard |
| Toilet: | " |
| H.W. & linen Cupboard: | " |
| Kitchen: | 9.5mm Gibraltar Board |
| Bathroom: | 4.75mm Lamiwall or similar approved |
| Shower: | " |
| Dinette: | " |
| Bedrooms & Wardrobes: | 9.5mm Gibraltar Board |
| Passages: | " |
| Lounge: | " |
| Stairway: | " |
| Rumpus Room: | " |
| Family Room: | " |
| Garage: | " |
- Ceilings; 12mm Pinex Softboard plain panels 600x300 on 75x40 battens at 300mm corners.

57. Roof Underlay:
(N.A.)

Cover the roof frame with 50mm x 19 gauge galvanised wire netting lightly stretched and stapled to the framing. Cover the netting with medium weight building paper. Lay with 50mm laps and secure to purlins with large headed galvanised clouts. Damaged paper shall be replaced.

58. Roofing: (N.A.)
See Addenda

Roofing shall be 0.45mm gauge galvanised corrugated iron. Fix roofing with leadheaded nails nailing at every second corrugation at ends and every third corrugation at centres. Corrugation at centres. Cut iron neatly to hips and valleys with 50mm overhang at spouting and valleys. Hips and ridges to be covered with lead edged 0.6mm galvanised iron. Fix lead capping pieces at junctions of ridges and hips.

PLUMBER

59. Preliminary:

Comply with all regulations, take out all permits and pay all charges. All work shall comply with the 'Plumbing and Drainage Regulations' 1959 and any subsequent amendments.

60. Materials:

All materials including pipes, fittings and fixtures shall be the best of their kinds and shall fully comply with the requirements of their respective standards.

61. Flashings:

Allow to supply and fix all flashings as required to make the building absolutely watertight.

62. Cold Water:

Lead in from main supply in 12/20mm rigid PVC to an approved pressure reducing valve system or a 135 litre high density polythene supply tank in roof. Supply tank to be complete with galvanised tray and overflow. Lead branches to W.C., Tub, Shower, Sink, Handbasin, bath and outside hosedaps.

63. Hot Water:

Supply and fix a 135 litre hot water cylinder and lead in copper to sink, bath, basin, shower and tub. Lag all pipes and provide exhaust through roof and sludge outlet.

64. Spouting and Downpipe:

Provide and fix approved PVC spouting and downpipes complete with all necessary fittings. Fix with graded falls to downpipes strapped to walls with 2 straps per downpipe.

65. Toilet:

Supply and fix a white porcelain pan with plastic double flap seat. Supply and fix an approved flushing cistern complete with all necessary fittings.

66. Waste Pipes:

Carry waste pipes from all fittings with traps, cleaning eyes etc, as required. All wastes to discharge over gully traps and be in short easy runs securely supported.

67. Vent Pipes:

Carry all vent pipes to drains and fittings as required by the Local Authority. Conceal where possible within framework.

68. Taps:

Hosedaps to be brass. All other taps to be approved C.P. marked Hot and Cold. Allow the P.C. sum of \$ for the purchase of all taps and mixers as selected by the Owners.

16mm 35mm

BUILDING FILE

Code No. 98 / Q1

Subject DWG
S/POOL.
CHANGING SHED
GARAGE
1 FLAT

Permit No 127389
48009
13281
82556
82706

Date 30-7-73 11-9-81

5-1-83 3-6-76 24-6-76

No. Sheets LOTS

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 8 90

Project: 21 Pool Check Sheet No. 21882
 Owner: E. R. WYND Sewer Sheet No. 241 Plotted: X
 Address: 21 CARLTON TCE Zone: R-1
 Lot No. 3 D.P. 9907 Sec. No. Area of Site: 1.00

COMPLETED
19 SEPT 1981

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 _____ 40' 4"
 Parking _____
 Access to Rear of Site _____
 Accessory Buildings _____
 Service Lanes & R.D.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 [Signature]

Not Approved _____

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

Approved *[Signature]*
Not Approved

S E R V I C E S

08/21

A : SEWER CONNECTION

STORMWATER CONNECTION

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

 Fee \$ ~~_____~~

FEE \$ ~~_____~~

B : WATER CONNECTION

Existing Service _____ 12mm _____
 Distance from L/Boundary _____
 Distance: Main to Boundary _____
 Boundary to Load _____
 Required Service _____ 12mm _____
 Meter _____

Height above Datum 80m

FEE \$ ~~_____~~

C : PLUMBING

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

Total Values _____
 Supply Pipe Sizes 1/2" P.V.C. ☒ Copper ☒ Gal. Iron ☒
 Backflow Prev. Physical for break
 Other Fittings _____
 Estimated Value \$ 150.00 Plumbing Fee \$ 10.00

DRAINAGE

Existing 100' Required Back work to 5/12 lower
 Fittings Required _____
 Common Drain _____
 Septic Tank _____
 Stormwater _____
 Estimated Value _____ Drainage Fee _____

Total Estimated Value P. & D. \$ 150.00

FEE \$ 10.00

D : VEHICULAR CROSSINGS

Type of Footpath _____ Condition _____
 Kerb & Channel _____
 Existing Crossing 2/22
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

E : HEALTH & BY-LAWS

98/21

Areas -----

Light -----

Ventilation -----

Remarks: -----

Dec 1/9 Approved OW 19/91
Not Approved -----

F : DANGEROUS GOODS

Domestic or Commercial -----

Storage Capacity & Location N/A -----

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

Approved PC -----
Not Approved -----

G : BUILDING

Remarks: -----

FEES:

Bldg.	4700.00	21.00
Water Bldg.		3.00
B.R.L.	4850.00	5.00
TOTAL		\$29.00

Building Inspector -----

Approved OW 28/6/81 -----
Not Approved -----

Specification: -----

Structural Engineer -----

Approved -----
Not Approved -----
Recommended -----
Not Recommended -----

Fire Service -----

PERMIT NO. 48009

APPROVING ENGINEER

Approved M. Jones -----
Not Approved -----

NEW PLYMOUTH CITY COUNCIL

98/21

FOR OFFICE USE:

File No. 8 90 Check Sheet No. 21882

Receipts No. 2095 Sewer Sheet No. 291

Date of Receipt 11.9.81 Zone Res R1

TO THE CITY ENGINEER

26 AUG 1981

Date 25-8-81

APPLICATION FOR BUILDING PERMIT

Lot No. _____

At (House No.) 21 Carlton Ave

L.P. 9907

For erection of Swimming Pool

Sec. No. _____

OWNER M. & R. Wynn

ADDRESS 21 Carlton Ave N.S.W.

Proposed Use _____

Foundation _____

Walls _____

Roof _____

AREA of Site _____

AREA of existing buildings _____

M²

AREA of existing accessory buildings _____

M²

AREA of Building in application _____

37.8

M²

Builder D.D. Hunter

Address 293 Blount St N.S.W.

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required

Yes / No

Supplied

Yes / No

Total Value of Building

\$ 4,850

Sanitary Plumbing and Drainage

\$ 350

Value of Building for Permit

\$ 4,500

Water for Building

Building Research Levy on

\$

Hoardings

Mths @

FOR OFFICE USE	
Corrected Value Fees	
TOTAL FEES BUILDING	

Starting Date 25-8-81

Finishing Date 25-9-81

NAME AND ADDRESS OF APPLICANT

D.D. Hunter 293 Blount St.

Phone 34919

Signature of Applicant D.D. Hunter

Signature of Owner _____

98/21

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEER'S DEPARTMENT

APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

To the City Engineer

Phone No.

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

House No. 21 Street Carlton Ave. Lot No. D.P. 9907OWNER M. E. R. Weyde Area of SiteADDRESS 21 Carlton Ave. - N.P. Signature of Applicant D. D. HunterProposed Use Swimming Pool Signature of Owner

VEHICULAR CROSSING

When required

Proposed M Position

L/Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection 2" No change by arrangement.

Size of Requested Connection

Distance from L/Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L/Boundary Depth of sewer req'd

Common Drain Yes / No

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer R. S. KillhamValue of Proposed Work, Labour Only Plumbing \$150.Water Supply Materials Drainage
P.V.C. Copper Galvanised Iron

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

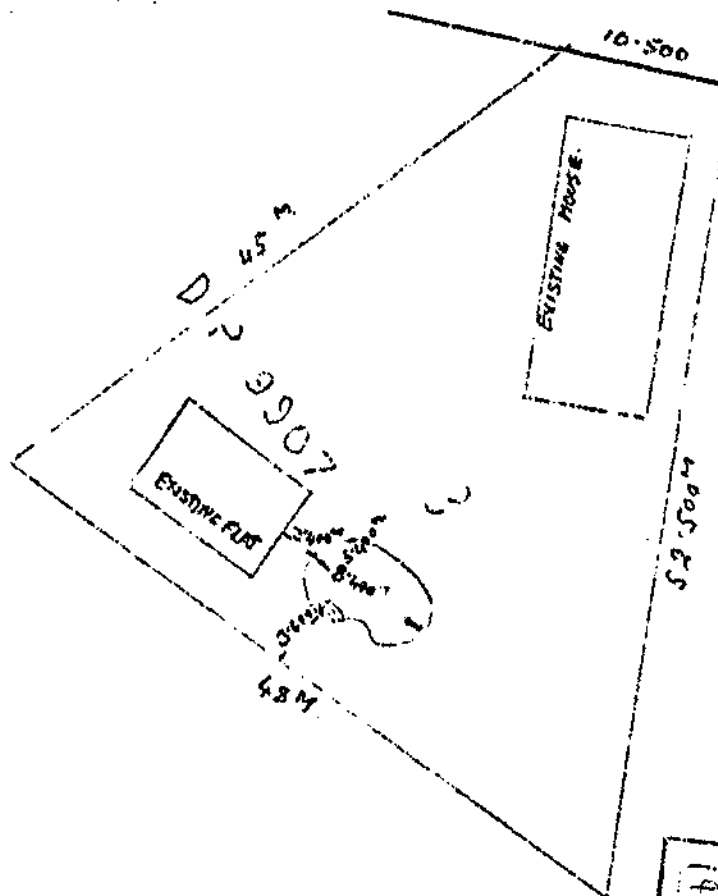
Stormwater Disposal (specify)

FOR OFFICE USE

File No. 8 90 Rec. No. 2095 Check Sht. No. 2188² FEES SewerDate 26 AUG 1981 Zone Res Ri Sewer Sht. No. 24-1 Water P & D 2.10.00

Veh. Crg

CARLTON TCE.



VERIFYING TO BE
COMPLETED BY
19 SEPT 1981

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY
OF THE NEW PLYMOUTH CITY COUNCIL AND NOT
TO BE REPRODUCED OR COPIED

TOWN PLANNING
PUBLIC HEALTH
BUILDING
ENGINEER

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

DATE

98/21
26 AUG 1981

SITE PLAN FOR THE PROPOSED SWIMMING POOL
FOR MR + MRS. ER WYND 21 CARLTON TCE NP.
SCALE 0:300" = 12'000"
POOL 8'400" X 5'400" X 1'350" DEEP.

HAYFAIR FIBREGLASS SWIMMING POOLS

DIGGING, FRAMING & BACKFILL WORKING MANUAL

98/21
26 AUG 1967

Prior to Excavation

Before any excavation should be commenced a test hole is to be dug in close proximity or within the pool site. Dig to a depth of six - eight inches deeper than desired bottom, or deepest end of pool to enable a definite estimate of height of, (if any) water table. Should the water table be higher than anticipated a hole should be dug where the skimmer box is to be positioned, (or at a central point) to a depth greater than the pool itself and after excavation is completed an emersion pump to be set to exclude surplus water (note in case of a small amount of water it is preferable to raise the height of the pool but depending on the wishes of the owners.)

Excavate for Pool

It is preferred to set out pool size plus backfill margin (of 4 - 6 inches) with pegs and string line. If excavation done with a spade so that if the lines are moved during digging it is then easy to find required mark. Fix a datum height; A backhoe or large trench digger is the easiest and best method of digging providing there is access to the site for the digger as well as a truck to cart spoil. Do an excavation to be 2 inches deeper than the required depth of the pool, any deeper will only present backfill compaction problems, but if it is necessary to backfill an overdeep area the fill must be well heeled into cavity to minimize settling when the pool is finally filled. Dig out sufficient room for the fitting of eye ball fitting and skimmer box. Level out soil in the bottom of the excavation to a uniform level or grade.

Framing and Lining out Pool

As detailed in diagrams, the framing pegs are set at a wall angle of 3 inches to every 12 inches in depth, ^{which is suitable to the stability of the sand backfill mentioned later.} 2"x2" Pegs or wall framing are set out to 3/16" Hardiflex sheet sizes but at no greater centre than 4 feet apart. Place corner pegs first and use a string line top and bottom to line wall pegs. After all pegs are positioned these are cut at the top to a level line and 2 inches below the required top edge of the finished fibreglass. ^{IN PLANNING} Fix a 3x2 gauged timber top perimeter rail nailed to the top of 2x2 pegs. A whaler is now fixed at ground height against wall pegs to hold pool sides straight. Whaler can be selected back and pegged into firm ground. ^{AND CHECKING CORNER} A 2 x 2 timber is fixed against pegs at the bottom perimeter at the height of the pool floor. After framing is complete 3/16" Hardiflex is fixed to the walls nailing at 8" centres to hold sheets firm. Bottom of sheets to be 1" approx. below floor height. Cut out opening for the skimmer throat.

Hydrastatic Valve

Make preparation for construction hole type valve, Diagram supplied, which is to be placed as near as possible to the floor. Drill a 3/8" hole one inch above floor level. Behind this hole centre a 4" land drain 14" long, around which is packed 2" chips or similar to allow water absorption at this point. In some cases it may be necessary to include extra land drain to the hydrastatic valve for extra drainage where a site may have an underground spring, which during construction of the pool water may be pumped from this point, to keep the area dry while laying pool base and also fibreglassing.

POOL FLOOR

98/21

Instead of using Hardiflex on the floor - which shows joints etc. after a time of useage, it is found better to use a weak plaster mix (approx 6 -1 sand & cement) in the floor. Mark the floor height and place floor screeds. Usually screeds are 2"x2" around perimeter of the pool, fastened to the wall sections, and a 2"x2" thru the centre of the pool floor which is set on top of pegs and withdrawn as the floor is screeded off. Work plaster up to a steel trowell finish. Coving may be formed while pool floor is being poured, or the next day after the floor is set enough to walk on. Care must be taken not to damage the floor plaster surface as any marks will show thru to the surface of the finished glasswork. Step treads are poured in conjunction with pouring the floor and using the same method of coving.

Steps

Steps are able to be positioned inside or outside pool size but care must be taken not to disturb too much backfill which is difficult to compact as over ramming will bow the rises of the steps.

2"x2" and 3"x2" timber is used to frame steps and it is best to work from the bottom framing lining and backfilling each step working to the top still leaving 2½" for the plaster mix treads.

Coving

2½" Coving which has the back cut away will fit into internal corners of sides and around steps. Coving should fit as neat as possible to avoid thick fibreglass build up. With a grinding disc or similar smooth off external corners of steps and any external corners of the pool.

Skimmer Box

Skimmer should be located at the end of the pool, or in a position to collect leaves etc. blown by the prevailing wind, and if possible near to the filtration plant. Mark top edge of throat 2 inches down from the top edge of the perimeter rail, then mark the width and depth of the cut. Cut Hardiflex with a carborundum disc in a skill saw, then fit skimmer box into place. Nail secure with two galvenised flat head nails up into perimeter rail. Pack up the back of skimmer box to hold firm. In the case of using a Distemide filter (FDV/20/C.5) on the end of the pool, a special throat is supplied which is fixed to the filter before fitting the filter into place. The throat and filter are fixed together with a thickness of Bondifill or similar, and pop rivited, or bolted together before the bondifill has set. When this is done clean off inside edges and apply 2 thicknesses of 4" chopped strand mat and resin to hold firm. Refer to Filter FDV/20/0,5 mentioned later.

Masking Tape

Any gaps in the hardiflex sheets must be covered with masking tape.

Backfilling and Poolfilling

After a curing period of 6-10 days after final spray coat, the pool is ready for filling with water and at which time backfill is placed around the outer sides of the pool. Keep water running into the cavity behind the pool wall. Keep water above the backfill level by 12" and with a straight edge compact sand and keep pool sides straight ensuring good compaction around filtration pipes.

98/21

To concrete finishing and aggregate

Once it is decided on the height of the pool surround etc. concreting may begin after checking that all the backfill is completed and any P.V.C. pipes are covered with a layer of sand to stop any shrinkage and settling from damaging the pool plumbing.

The normal width of concrete around a pool is 4'6" which when the exposed aggregate is finished gives a walking width of approx. 3'6". With 3"x 1" box around the outside perimeter of the pool to the specified size of concrete required and keeping a fall of 1" away from the pool. This will stop water backing up to the pool and stop puddling. If there is a concrete block to go around the perimeter of the pool (to lift the exposed aggregate slab) it may be necessary to also box the inside size of the concrete to allow screeding off. Place two rods of $\frac{1}{2}$ " steel around the inside size of the concrete. After the concrete is poured it is preferable to section the surround into slabs (with a jointing trowel) of about 10' sizes to form a controlled expansion and contraction joint. Trowel off the concrete to a fine finish with a steel float.

After the concrete has dried the concrete block surround is placed to the required size to suit the exposed aggregate top cap. If the surround blocks are up to one 8" block high there is no need for any more steel than the two rods in the surround concrete, but if blocks are higher than one high, steel must be used accordingly and to comply with N.Z. standard building specifications. After concrete blocks are layed concrete is poured into the top 8" cavity and against the back edge of the pool, insuring that concrete is well compacted under the top outer edge of the pool to form a pool wall restraint and also giving a good bond for the aggregate cap when fixed.

The exposed aggregate cap can now be fitted and cemented down. Lay agg. slabs in place around the entire pool, marking any cuts to be made on angles and corners and insuring there is sufficient slabs for the job even though a slab may break while cutting. Now begin laying slabs with joints no more than $\frac{3}{8}$ " gap for square pointing. Clean off any mortar which may be on the edge of the pool and try not to get too much sand and cement into the pool which has to be cleaned out with a pool vacuum cleaner. An excess amount of cement will raise the p.H of the pool to a dangerous level which must be reduced back with small p.H minus or hydrochloric acid, but the idea is to keep the pool as clean as possible.

MAYFAIR FIBREGLASS SWIMMING POOLS

PLUMBING - SAND FILTER s.s. FL8/1/0.5

Before backfilling is started or filling the pool with water, the pool must be plumbed out to the filtration plant, as well as any pool heating. The filtration plant should be placed within 35' of the skimmer box.

Any pipe work should be P.V.C. Class D well bonded at the joints with the recommended solvent cement. Keep pipework as neat as possible with a minimal amount of bends to overcome any twigs or leaves becoming blocked at these junctions. All pipework around the pool and under concrete should have a sand barrier around the pipe to stop any possibility of rupturing the pipe with any ground movement.

Take an 1½" pipe from the skimmer box to the filter motor (the supply line) from the filter take an 1½" pipe back to the adjustable eyeball fittings, which should be jointed at a central point of the eyeball fitting to equalize the return pressure.

In case of any servicing of the filtration plant, a P.V.C. Union should be used on each pipe to and from the filter. An 1½" wheel valve should be used near the filter on the return side to control the back pressure of the filter. The backwash pipe should reduce down to a 1" pipe and lead to the sewerage drain age. The 1" pipe being a small enough return to build up a back pressure so that the filter bed will not tumble during backwashing.

Other than these instructions use the manufacturers installation and running details.

Topping up method will be the funnel system.

98/21

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No. 11 92

Project: Changing Shed Check Sheet No. 20866
 Owner: E. Wynd Sewer Sheet No. 241 Plotted: P.C.
 Address: 2 Carlton Tce Zone: R.1
 Lot No. 3 D.P. 9802 Sec. No. Area of Site:

TOWN PLANNING

Designations 5 12 82
 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 40' from f.
 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:

SECTION CARD	
TOWN	1006
LOT	3
DATE	11/12/82
Clark / [Signature]	

Approved Russell
 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. ☐			Copper ☐	Gal. Iron ☐		
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 Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing Concrete
 New Crossing _____ Position _____
 Strengthen Path Sq.Yds. _____ Level at Boundary _____

STREET WORKS FEE \$:

DEPOSIT DAMAGE FEE \$:

\$

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

Within 2000 days after 10/1/82

Approved *35/4*

Not Approved

Approved *PLB*

Not Approved

Approved *PL 2/12/82*

Not Approved

Approved *PL*

Not Approved

Approved *20/2*

Not Approved

98/21

Approved OW 1/17/82
Not Approved _____

Approved _____
Not Approved _____

Approved _____
Not Approved 3/12/82

98/21

2. COMMENTS TO BUILDING INSPECTOR

White Plan

[illegible]

98121

RECORD OF INSPECTIONS AND AMENDMENTS ALLOWED.

Note: Each entry to be signed.

DATE

6/9/55

Needs 2 N418 to files.
Otherwise complete

INSPECTOR

CBI

98/21

NEW PLYMOUTH CITY COUNCIL

11 92

23/566

FOR OFFICE USE: File No. _____ Check Sheet No. _____
 Receipt No. 13322 Sewer Sheet No. 241
 Date of Receipt 11/33 Zone Res R1

26 NOV 98

TO THE CITY ENGINEER

Date _____

APPLICATION FOR BUILDING PERMIT

Lot No. 3

At (House No.) 21 Carlton Tce.

D.P. 9907

For erection of Changing shed.

Sec. No. _____

OWNER E. Wynd.

ADDRESS as above.

Proposed Use Private.

Foundation Conc.

Walls Timber. Roof Iron.

AREA of Site _____

AREA of existing buildings _____ M²AREA of existing accessory buildings _____ M²AREA of Building in application _____ 9.3 M²

Builder Self

Address _____

Designer _____

Address _____

Structural Eng. _____

Address _____

Building Projects Authority Required	Yes / No	Supplied	Yes / No

Total Value of Building

\$ 1000-00

Sanitary Plumbing and Drainage

\$

Value of Building for Permit

\$ 1000-00

Water for Building

Building Research Levy on

\$

Hoardings Mths @

FOR OFFICE USE

Corrected Value Fees

TOTAL FEES BUILDING

Starting Date _____ Finishing Date _____

NAME AND ADDRESS OF APPLICANT

E Wynd.

21 Carlton Tce

Phone 33479

Signature of Applicant _____

Signature of Owner _____

98/21

Decking material - ex 100x40
Doors TG + vee
Cladding 4.75 Hardiflex 1

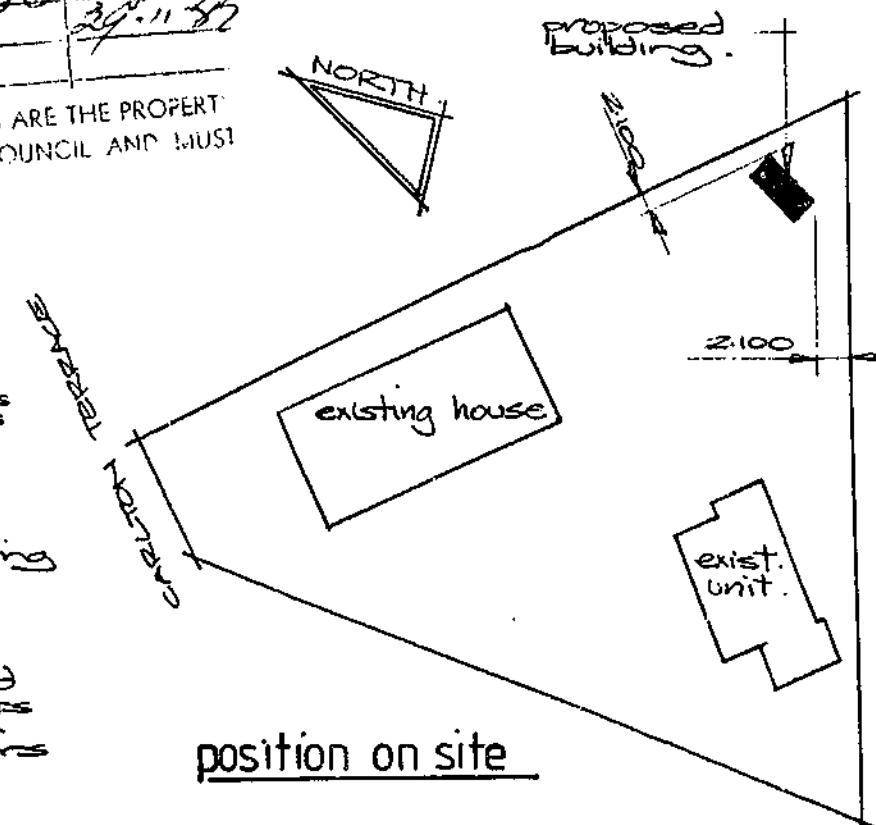
11 92

26 NOV 1981



THE PLANS AND SPECIFICATIONS ARE THE PROPERTY
OF THE NEW PLYMOUTH CITY COUNCIL AND MUST
BE KEPT ON SITE.

RETURN TO BE
COMPLETED BY
5-12-82



position on site

MULTI-PURPOSE BUILDING for E. WYND. ———
CHANGING ROOMS, PUMP ROOM, GARDEN SHED,

NEW PLYMOUTH CITY COUNCIL

98/21

CITY ENGINEER'S DEPARTMENT

ASSESSED REQUIREMENTS

File No.

6.24

Project: <u>1. Flat</u>	Check Sheet No. <u>9022</u>
Owner: <u>C. Wynd</u>	Sewer Sheet No. <u>241</u> Plotted: <u>AC</u>
Address: <u>21 Canton Tce</u>	Zone: <u>R2</u>
Lot No. <u>3</u> D.P. <u>9907</u>	Sec. No. _____ Area of Site: _____

TOWN PLANNING

Designations	
Area of Buildings	
Coverage	
Maximum Height	
Front Yard	
Relat. of Bldg. Size: (1) Rear Yard	
(2) Side Yard	
Open Space	
Grazed 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: *It is required that one additional off street car park be provided for the proposed flat the location of the proposed car park is to be shown on the site plan.*

Approved _____
Not Approved _____

S E R V I C E S

08/21

A SEWER CONNECTION

STORMWATER CONNECTION

Existing Service _____
 Required Service 100 mm
 Location 13m. from Left Bdy.
 Depth _____
 Special Requirement _____
 Common Drain _____
 Fee \$ 150

Fee \$ _____

FEE

\$150

B WATER CONNECTION

Existing Service 1/2"
 Distance from L/ Boundary _____
 Distance Main to Boundary 30'-0"
 Boundary to Load 30'-0"
 Required Service 1/2"
 Meter _____

Height above Datum 270'

FEE

\$80

C PLUMBING

No. Fittings W.Cs 1 Baths 1 Basins 1 Sinks 2 Showers 2 Tubs 2 Others _____
 Total Values 12
 Supply Pipe Sizes 3/4" 1/2" P.V.C. ☒ Copper ☒ Gal. ☐ Iron ☐
 Backflow Prev. N/A
 Other Fittings N/A
 Estimated Value \$1000.00 Plumbing Fee _____

DRAINAGE

Existing 4" Required 4" to sewer connection
 Fittings Required Traps - Vents etc
 Common Drain N/A
 Septic Tank N/A
 Stormwater Soakaway Pit
 Estimated Value \$200.00 Drainage Fee _____

Total Estimated Value P. & D. \$1200.00

FEE

\$9.00

D: VEHICULAR CROSSINGS

Type of Footpath Concrete Condition Good
 Kerb & Channel _____
 Existing Crossing _____
 New Crossing _____ Position _____
 Strengthen Path Sq. Yds. _____ Level at Boundary _____

STREET WORKS FEE \$ _____

DEPOSIT DAMAGE FEE

\$ _____

REMARKS : CORRESPONDENCE : AGREEMENTS
SPECIFIC REQUIREMENTS

98/21

Approved

N.D.

Not Approved

Each unit is to have its own 150 supply
and 150 mls

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

Approved

[Signature]

Not Approved

98/20

Approved M. Kern
Not Approved _____

Approved
Not Approved

FEES:		
Bldg.	9800 00	36 - 00
Water Bldg.		7 - 00
B.R.L.	11000 00	5 - 50
TOTAL	\$	42 50

Approved 456
Not Approved _____

Approved_ _ _ _ _
Not Approved_ _ _ _ _

Recommended _____
Not Recommended _____

Approved
Not Approved

98121

r Dudding
0254:RLB

16 June, 1976

Mr & Mrs C Wynd,
2 Reo Moana Flats,
Plymouth Street,
New Plymouth.

Dear Sir/Madam,

Your application dated 9 June, 1976, for permission to erect a flat at house No. 21 Carlton Terrace, being Lot 3, D.P. 9907, has been examined and in accordance with the provisions of Clause 2.9.1 of Chapter 2, NZSS 1900, I have to advise that because insufficient information has been supplied relative to Acts, Regulations and By-laws administered by Council, the issue of the required permit is withheld until the following information has been supplied by way of amendment or addition to the plans and specifications deposited.

As soon as the requirements scheduled below have been satisfactorily attended to the permit will be issued within the time of six (6) days as stipulated by the By-laws and subject to the required fees having been paid.

Town Planning:

It is required that one additional off street car park be provided for the proposed flat. The location of the proposed carpark is to be shown on the site plan.

Council Officers will be pleased to assist at your earliest convenience.

Yours faithfully,

N.G. HARRIS,
City Engineer.

98/21

9022

- 9 JUN 1976

Date 11-6-76

Lot No. 3

D.P. 9907

Sec. No. 21

ADDRESS 2 REG MONNA FLATS N.P.

Walls CONCRETE BLOCK Roof HARVEY TILE

0.1 13.6

132.63 M²

NIL M²

67.08 M²

Address.....P.S. BRYCE

Address 60 POWDERHAM ST. N.D

..Address..

Yes / No

\$ 11 000

\$ 1200 ~~76~~

\$ 99.00

5

§

TOTAL FEES BUILDING

...Finishing Date 11-9-67

Mr. & Mrs. C. W. A. D.

Phone 89296

25 April

45 mg/ml

NEW PLYMOUTH CITY COUNCIL - CITY ENGINEERS DEPARTMENT
APPLICATION FOR SERVICES, PLUMBING & DRAINAGE

98/21

To the City Engineer

I wish to apply for permission to carry out the work described in the plans and specifications deposited herewith at:—
House No. 218 Street CARLTON TERRACE Lot No. 3 D.P. 9907
OWNER Mr. Mrs. C. WYNNE
ADDRESS 3 RED MOANA FLATS WEYMOUTH N.P.
Signature of Applicant *bb Wynne*
Signature of Owner *bb Wynne*

Phone No: 89296

Proposed Use RESIDENCE
VEHICULAR CROSSING

When Required

Position
L/ Boundary to C/ Line

WATER CONNECTION

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

No. Units served

SEWER CONNECTION & (STORMWATER)

Size of Existing Connection

Size of Requested Connection

Distance from L. Boundary

Common Drain

Stormwater Disposal (specify)

PLUMBING AND DRAINAGE

Name of Registered Plumber / Drainlayer *K BINT*

Value of Proposed Work

Plumbing \$ 770

Drainage \$ 130

P.V.C. Copper Galvanised Iron

Water Supply Materials

Drainage

Size of Existing Drainage

Size of Proposed Drainage

Other Works Proposed

Stormwater Disposal (specify)

FOR OFFICE USE

File No.

24 Rec. No.

Zone

2249

Check Shit. No. 9022

Sewer Shit. No. 241

FEES Sewer

Water

P & D \$ 2.00

Veh. Crg

Date - 9 JAN 1976

PLEASE ADDRESS ALL LETTERS
"THE CITY ENGINEER"
PRIVATE BAG NEW PLYMOUTH

FOR FURTHER ENQUIRIES PLEASE ASK FOR
Mr. Dudding
REF. N318 R.B



TELEPHONE 88059
80 LIARDET STREET
NEW PLYMOUTH

98/21

City Engineer's Department

11 May 1976

- 9 JUN 1976 6 24

Messrs Govett Quilliam & Co
P.O. Box 742,
Barristers & Solicitors,
NEW PLYMOUTH.

Attention Mr Irwin.

Dear Sir,

Proposed Grouped Dwelling Units
21 Carlton Terrace.
Lot 3 DP 9907

The pencil sketch plan of a second proposed dwelling unit on the above site has been examined and there appears to be no reason why such a unit cannot be erected.

The site is a large front site, and Grouped Dwelling Units are a predominant use in the Residential R1 zoning that applies to the site.

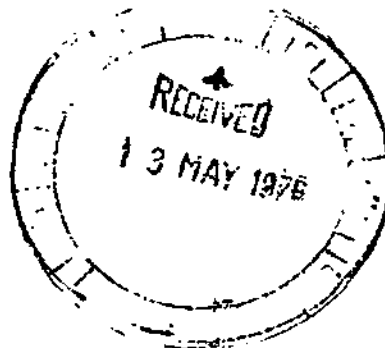
There are a number of yard restrictions etc that apply to such buildings but because of the large area of the site, and the central position proposed for the building the only specific requirements that appear relevant are:

- (a) The new building should be 9 metres (30ft) from the existing house, or alternatively joined to it.
- (b) The building should be 10 feet from the rear boundary.
- (c) An extra carpark will need to be provided for the extra dwelling unit.

This letter cannot be taken as final approval of the proposal as full plans for a building permit would be necessary, and more specific siting and development plans may indicate other problems. (e.g. height problem, problems of getting extra parking etc.) However from the information given the proposal appears feasible.

Yours Faithfully,

I.H. Dudding.
Town Planning Officer.



98/21
6 24

6-24

(N.A.) = Not Applicable

- ## 2.2 Insurances:

NEW YORK AND
3. THE
RECEIVED AND
CONCUL

By-Laws:

4. Payments:

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

The Contractor shall conform in all respects to the By-Laws of any Local Authorities having jurisdiction over the work, and all relevant N.Z. Standard Specifications.

5. Prime Cost Sums:

The expenditure of P.C. sums shall be under the control of the Employer and any adjustments, over or under the sum allowed shall be added to or deducted from the contract price together with any profit allowed.

All materials shall be the best of their respective kinds specified or implied, and anything not specifically mentioned, but necessary in accordance with the usual custom of the trade, or necessary to the proper completion of the work shall be allowed for by the Contractor.

7. **Period of Maintenance:** The Contractor shall maintain the works in a thorough state of repair for a period of thirty (30) days after the owner has accepted the works as complete. After the expiry of the maintenance period the contractor shall make an inspection of the works and make good any defects to the satisfaction of the owner.
8. **Damage:** The Contractor shall be held responsible for and shall make good any damage to adjoining property, embankments, paths, roads, fences etc.
9. **Temporary Power & Water:** The Contractor shall be responsible for the supply of electric power and water for all trades. He shall make arrangements and pay all fees and running charges for temporary installation, running costs and remove same at completion of the contract.
10. **Site Clearance:** At completion of contract clear away all sheds, plants, gear, rubbish etc, and leave buildings and site clean and tidy. Floors shall be swept, glass cleaned inside and out, sanitary fittings cleaned and the premises left ready for occupation.
11. **Excavations:** Excavate for foundations, steps etc to the depths shown or to solid bottom. Excavate for drains to depths or to specified. Excavate for all other services required by any particular sub-trade.
12. **Concrete Work:** Maintain all excavations and fillings against subsidence or settlement. Keep all excavations free of water seepage or debris. Clean out foundation excavations prior to placing of reinforcing steel and maintain same both clean and dry until concrete is poured.
- All concrete work shall be carried out in accordance with NZSS 1900, Chapter 9.3A and its amendments.
- Immediately before placing, formwork shall be cleaned out and construction joints prepared. Concrete shall be handled as rapidly as possible from the mixer to the final position in the formwork. Concrete shall be conveyed and it shall be that no segregation takes place and it shall be immediately spaded, tamped and rammed into position. No layer shall be more than 45 minutes old when fresh concrete is placed on it. Any joint when more than 45 minutes shall be treated as a construction joint and left for a period of not less than 24 hours. Concrete shall be thoroughly worked and consolidated around steel reinforcement and into all parts of the formwork so that no voids or cavities are left.
- Co-operate with other trades and form all necessary openings, recesses, ducts etc. Build in all bolts, plugs, grounds etc as required.
- Formwork shall be accurately set out, straight and true, strong and rigid, well braced, tied and strutted and close jointed to prevent leakage. Formwork shall be removed carefully without causing any injury to the concrete.

Concrete Work Continued: The minimum time between placing of concrete and removal of formwork shall be three days for walls and seven days for slabs.

All concrete shall be adequately protected against damage.

Concrete slabs shall be kept moist for a minimum of seven days after initial set by spraying, the use of wet sacks or other approved methods.

13. Concrete:

Concrete which is to be reinforced shall be ordinary grade concrete proportioned to give a workable dense concrete of not less than 17.5 MPa crushing strength at 28 days. The maximum aggregate size shall be 20mm and the minimum content shall be 320 kg/cu metre.

Concrete used for filling masonry cavities, bond beams etc, shall have a minimum crushing strength of 17.5 MPa at 28 days and a maximum aggregate size of 12mm.

Site concrete shall have a maximum crushing strength of 10 MPa at 28 days.

14. Reinforcement:

Before using in the work and immediately prior to concrete placing, all reinforcement shall be free from dust, dirt, loose rust and mill scale, paint, oil and all other deleterious substances. Reinforcement shall be accurately placed in accordance with the drawings and firmly secured with 1.60mm soft iron wire at intersections as required. Ties or stirrups shall be bent tightly around the main reinforcing. Laps shall be 40 diameters for plain bars and 32 diameters for deformed bars.

15. Piles: (N.A.)

Piles shall be 200 x 200 precast concrete with wires embedded. Piles shall project at least 450mm above ground and be set in 300 x 300 x 150 concrete pads.

16. Ventilators: (N.A.)

Set in foundation walls where necessary precast concrete ventilators. Space at 1.800m centres and not more than 750mm from each corner.

17. Porches & Steps:

(N.A.)

Walls to be 125mm thick concrete. Porch floors to be 100mm thick reinforced with heavy wire mesh or 10mm R.M.S. rods at 400mm centres. Steps to be formed of concrete and treads to be at least 230mm and risers not more than 175mm. Slabs, steps to rest on properly rammed hardfill.

18. Blockwork:

All concrete masonry work shall conform to the requirements of NZS 1900, Chapter 9.2 1964. Concrete for filling cavities and reinforcing steel shall be as in section 13 and 14 above. All work shall be carried out by tradesmen skilled in concrete block construction. Place all vertical reinforcing in the centre of of cavities. Fill all reinforced cores and bond beams with concrete as work proceeds.

19. Brickwork: (N.A.)

All brickwork shall be in accordance with the requirements of NZSS 1900 Chapters 6.1 and 6.2. Bricks shall be laid in stretcher bond true to line; level and plumb and in accordance with best trade practice. All work shall be laid from the lowest corner and no corner shall be raised more than 900mm above wall line. Toothing will not be permitted. All joints will be completely filled with mortar and the bricks shall be shoved into place at least 12mm. Joints shall be not more than 10mm thick and shall be tooled as work proceeds.

20. Timber:

All timber to comply to the NZSS No. 169 or Variations approved by the Housing Corporation, but to be generally as follows:-

Sub Floor: (N.A.) Tanalised No 1 Framing Grade Radiata Pine, Rimu, Matai or Building A Grade Rimu, Matai. Heart Rimu, Matai, No 1 Framing or Building A Grade.

Framing: Boric or Tanalith Treated No 1 Framing Grade Radiata Pine.

Exterior finishing timbers: Tanalised Dressing A Grade Rimu, Matai, Radiata Pine or Heart D.A. Rimu, Matai

Interior finishing timbers: Treated or Heart Dressing A Rimu or Matai

Cupboard Fitments etc: Treated Factory Grade Radiata Pine and Particle Board.

Flooring Timbers: 20mm H.D. Flooring Grade TWP Particle Board.
(N.A.)

21. Seasoning:

All timber must be well seasoned as is procurable, either in the open air or kiln-dried. Joinery timber and other dressed timber shall be machined only after its moisture content has been reduced to 12-18% based on oven dry weight.

22. Damp Proof Course:

Between all faces of timber in contact with concrete or concrete masonry, place a full width, length and height layer of approved 3 ply bitumen fabric D.P.C.

23. Sleepers: (N.A.)

To be 100x75 wired or bolted to foundations and scarfed and halved.

24. Floor Joists: (N.A.)

To be spiked together over sleepers.

25. Wall Plates:

To be 100x50 halved at joints and angles and to have 16mm holes between each stud. Holes in bottom plate to be vermin proofed.

26. Studs:

100x50 at not more than 450mm centres 75x50 for non-bearing walls.

27. Dwangs:

3 rows to each wall, minimum size 75x50.

28. Braces:

150 x 25 or 22 x 22 x 1.2 galvanised steel angle cut flush with framing.

29. Lintels
- | | |
|-------------------|----------|
| up to 900mm span | 100x50 |
| up to 1.350m span | 100x75 |
| up to 1.800m span | 2/100x50 |
| up to 2.250m span | 2/125x50 |
| up to 2.700m span | 2/150x50 |
| up to 3.400m span | 2/200x50 |
30. Ceiling Joists: 100x50 at 500mm centres maximum.
31. Runners: 100x50 across all joists spanning 2.400m or more. Where span of runners is 2.400 to 3.600m runner to be 125x50 and 150x50 where span is more than 3.600m.
32. Rafters: 100x50 at 900mm maximum centres. Support with 100x50 under purlins. Struts of 100x50 and collar ties of 150x25 to alternate rafters.
33. Trusses: Approved nail plate trusses (in lieu of rafters etc) to be at 900mm centres. Securely fix to wall plates with 'Trip-L-Grips'. Brace according to manufacturers recommendations.
34. Purlins: (N.A.) 75x50 at 750 centres maximum.
35. Hips and Ridges: (N.A.) To be 200x25.
36. Valleys: (N.A.) Valley rafters to be 100x50, valley boards to be 150x25.
37. Fascia Board: ex 150 x 30.
38. Eaves & Exterior Ceilings: Line with 4.5mm flat asbestos cement board. ~~Frame with 75x50.~~
39. Exterior Wall Cladding: Highline asbestos cement board to gable ends.
-
40. Flooring: (N.A.) To be 20mm HD Particle Board. Sand on completion.
41. Finishing Timbers: Architraves - ex 50x12
Skirtings - ex 75x12
Cornices - 40mm Scotia
42. Building Paper: Line exterior face of external walls with a standard weight building paper laid horizontally with 100mm laps. Replace any paper that becomes torn during construction.
43. Internal Linings: (Timber framed walls only)
- | | |
|------------------------|-------------------------------------|
| Walls; Laundry: | 4.75mm Pinex Hardboard |
| Toilet: | " |
| H.W. & linen Cupboard: | " |
| Kitchen: | 9.5mm Gibraltar Board |
| Bathroom: | 4.75mm Lamiwall or similar approved |
| Shower: | " |
| Dinette: | " |
| Bedrooms & Wardrobes: | 9.5mm Gibraltar Board |
| Passages: | " |
| Lounge: | " |
| Stairway: | " |
| Rumpus Room: | " |
| Family Room: | " |
| Garage: | " |
- Ceilings; 12mm Pinex Softboard plain panels 600x300 on 75x40 battens at 300mm corners.

57. Roof Underlay:
(N.A.)

Cover the roof frame with 50mm x 19 gauge galvanised wire netting lightly stretched and stapled to the framing. Cover the netting with medium weight building paper. Lay with 50mm laps and secure to purlins with large headed galvanised clouts. Damaged paper shall be replaced.

58. Roofing: (N.A.)
See Addenda

Roofing shall be 0.45mm gauge galvanised corrugated iron. Fix roofing with leadheaded nails nailing at every second corrugation at ends and every third corrugation at centres. Corrugation at centres. Cut iron neatly to hips and valleys with 50mm overhang at spouting and valleys. Hips and ridges to be covered with lead edged 0.6mm galvanised iron. Fix lead capping pieces at junctions of ridges and hips.

PLUMBER

59. Preliminary:

Comply with all regulations, take out all permits and pay all charges. All work shall comply with the 'Plumbing and Drainage Regulations' 1959 and any subsequent amendments.

60. Materials:

All materials including pipes, fittings and fixtures shall be the best of their kinds and shall fully comply with the requirements of their respective standards.

61. Flashings:

Allow to supply and fix all flashings as required to make the building absolutely watertight.

62. Cold Water:

Lead in from main supply in 12/20mm rigid PVC to an approved pressure reducing valve system or a 135 litre high density polythene supply tank in roof. Supply tank to be complete with galvanised tray and overflow. Lead branches to W.C., Tub, Shower, Sink, Handbasin, bath and outside hosedaps.

63. Hot Water:

Supply and fix a 135 litre hot water cylinder and lead in copper to sink, bath, basin, shower and tub. Lag all pipes and provide exhaust through roof and sludge outlet.

64. Spouting and Downpipe:

Provide and fix approved PVC spouting and downpipes complete with all necessary fittings. Fix with graded falls to downpipes strapped to walls with 2 straps per downpipe.

65. Toilet:

Supply and fix a white porcelain pan with plastic double flap seat. Supply and fix an approved flushing cistern complete with all necessary fittings.

66. Waste Pipes:

Carry waste pipes from all fittings with traps, cleaning eyes etc, as required. All wastes to discharge over gully traps and be in short easy runs securely supported.

67. Vent Pipes:

Carry all vent pipes to drains and fittings as required by the Local Authority. Conceal where possible within framework.

68. Taps:

Hosedaps to be brass. All other taps to be approved C.P. marked Hot and Cold. Allow the P.C. sum of \$ for the purchase of all taps and mixers as selected by the Owners.

~~18mm~~ 35mm

BUILDING FILE

Code No. 98 / 01
Subject DWG
8/POOL
CHANGING SHED
GARAGE
1 FLAT

Permit No R 7389
L 8009
13281
82556
82706

Date 30.7.73 11.9.81
5-1-83 3-6-76 24-6-76

No. Sheets 4

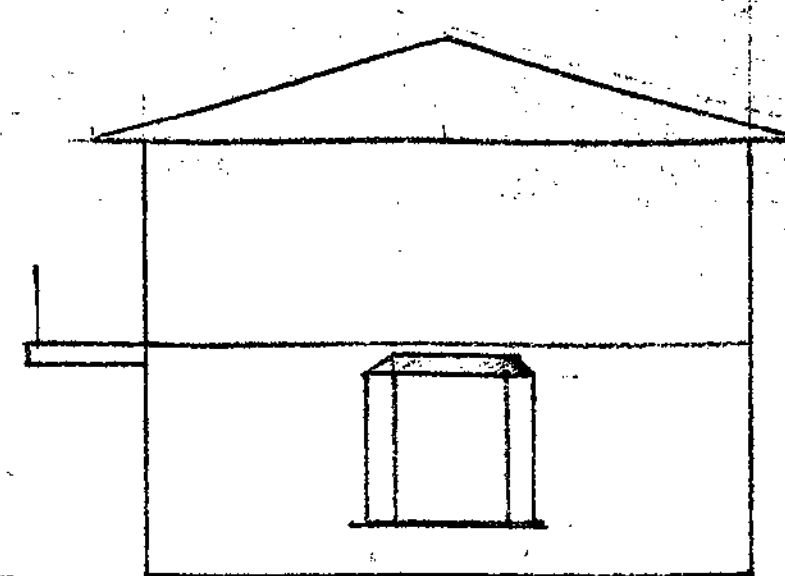
98/21-
 33
 26 NOV 1976

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

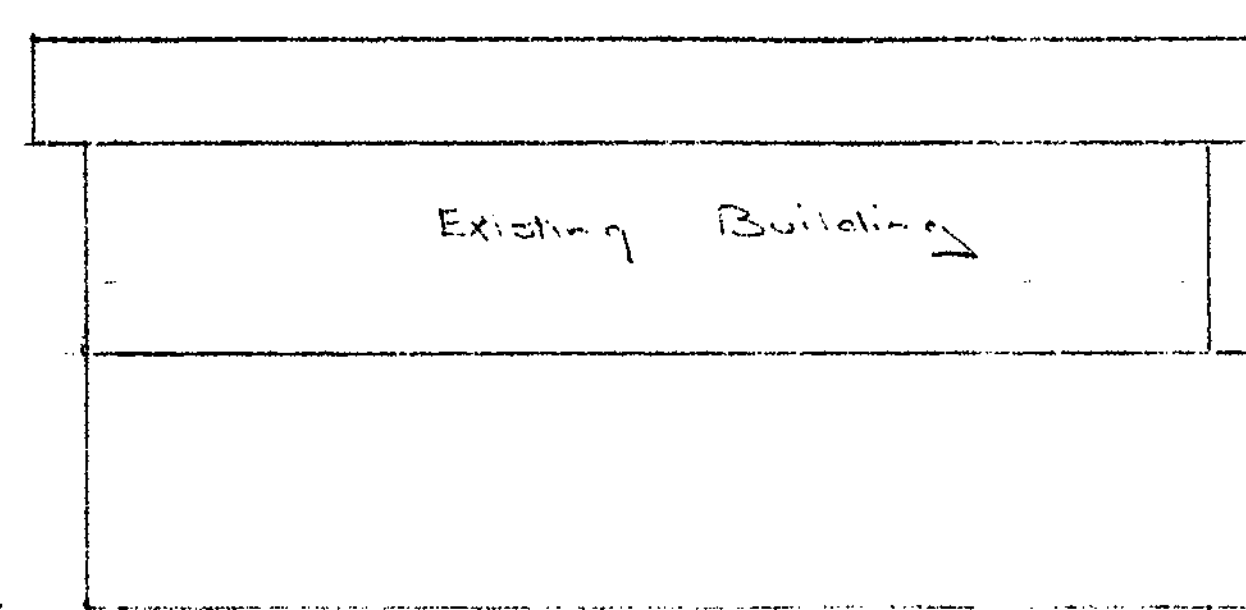
TOWN PLANNING *[Signature]* DATE *1-6-76*
 PUBLIC HEALTH *[Signature]*
 BUILDING *[Signature]*
 ENGINEER *[Signature]*

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

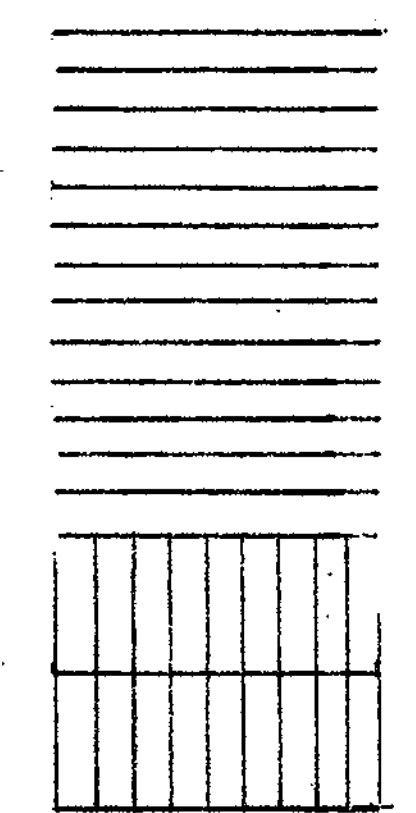
GETTING TO BE
 COMPLETED BY
 2ND JULY 1976



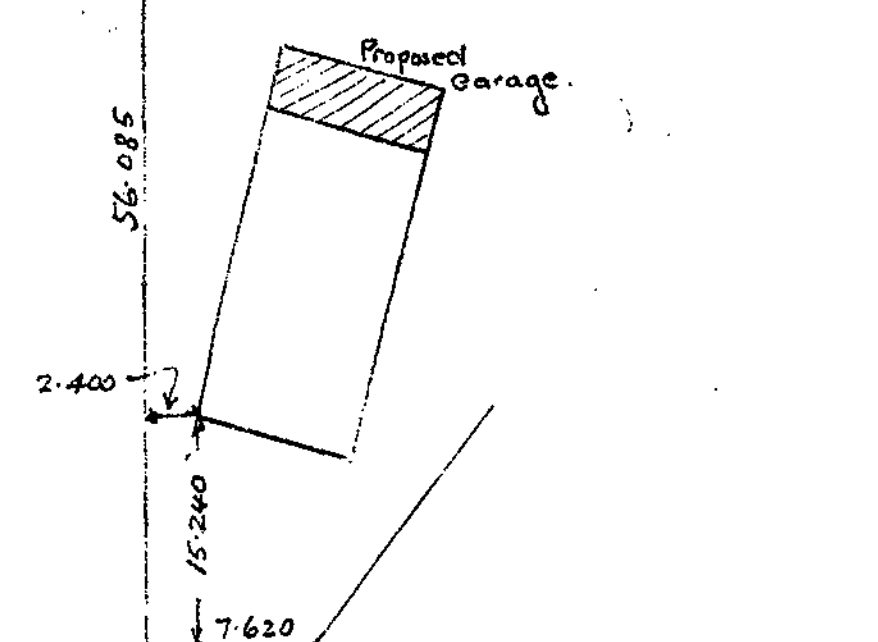
EAST ELEVATION



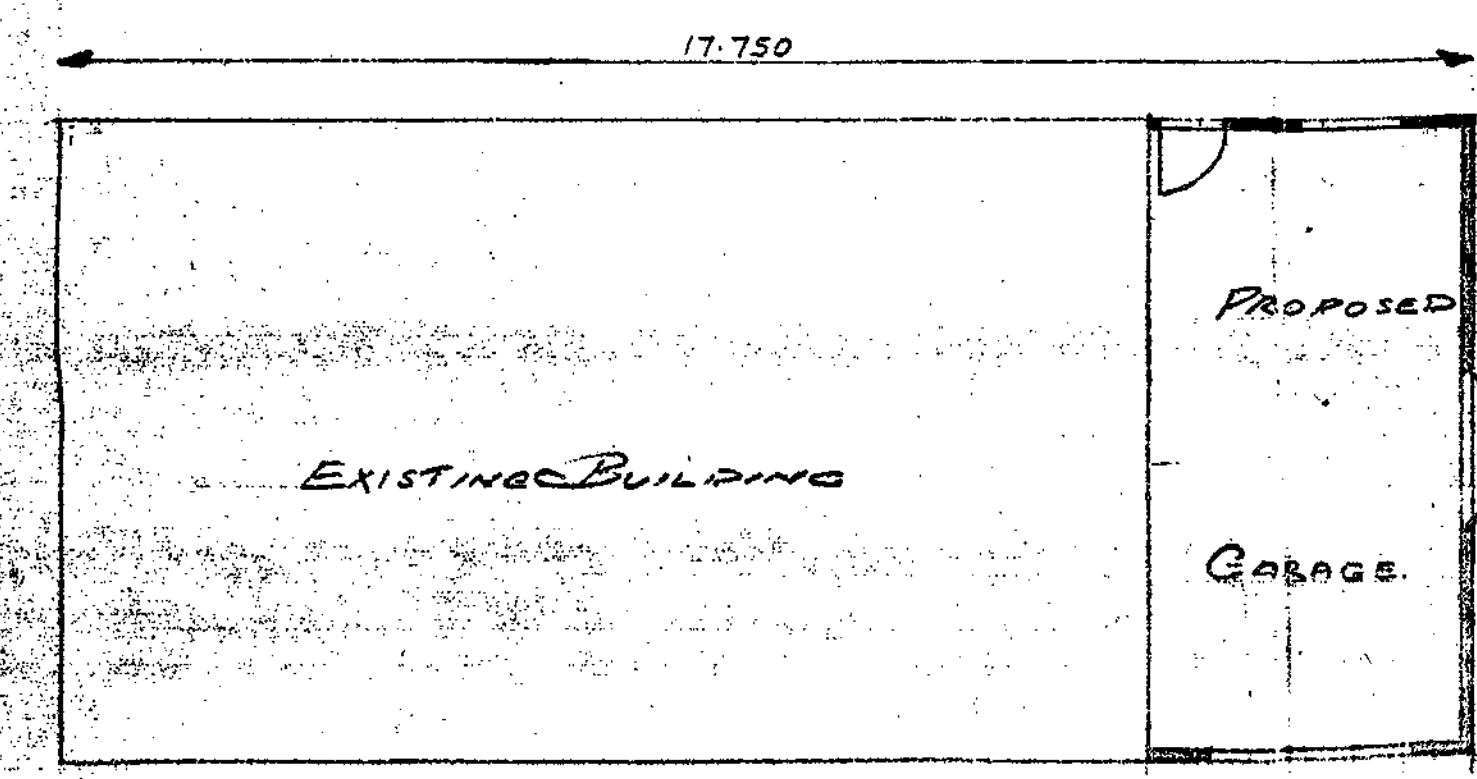
SOUTH ELEVATION



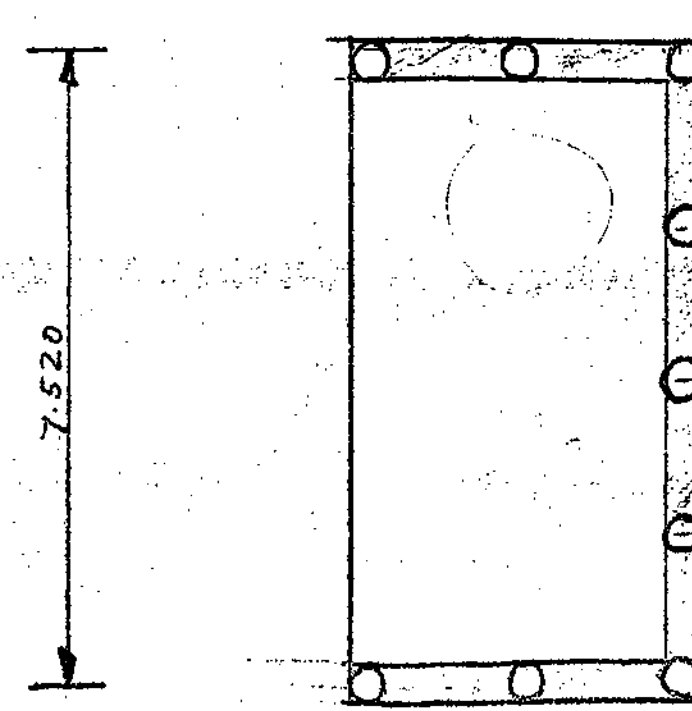
JOIST LAYOUT



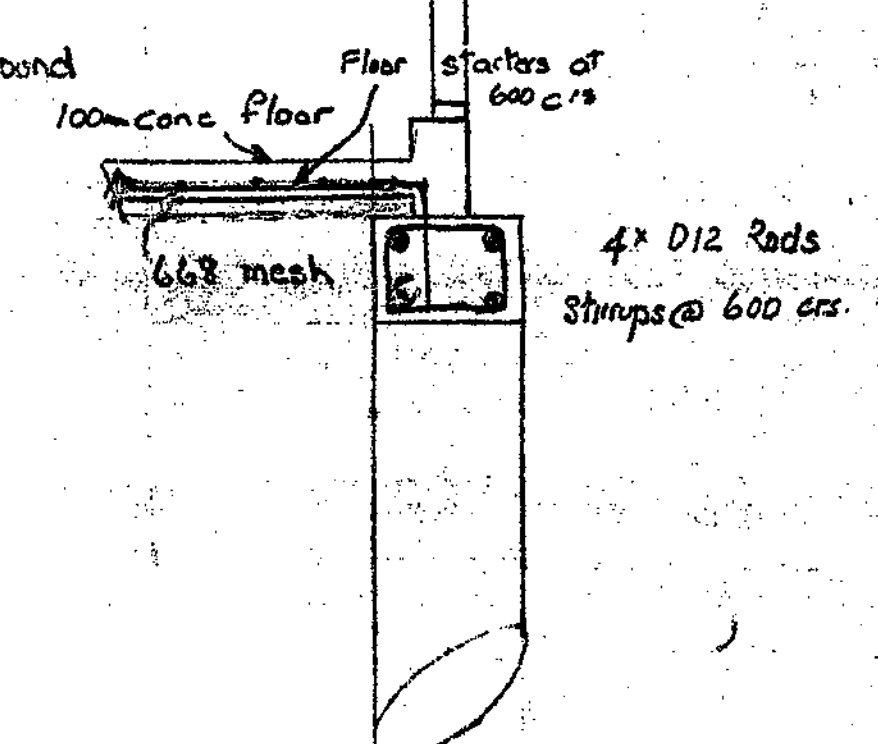
19mm Particle Board
 300x50 Joists @ 400 c/s
 100x75 top plate
 B.B. Weatherboard



PLAN



FOUNDATION PLAN

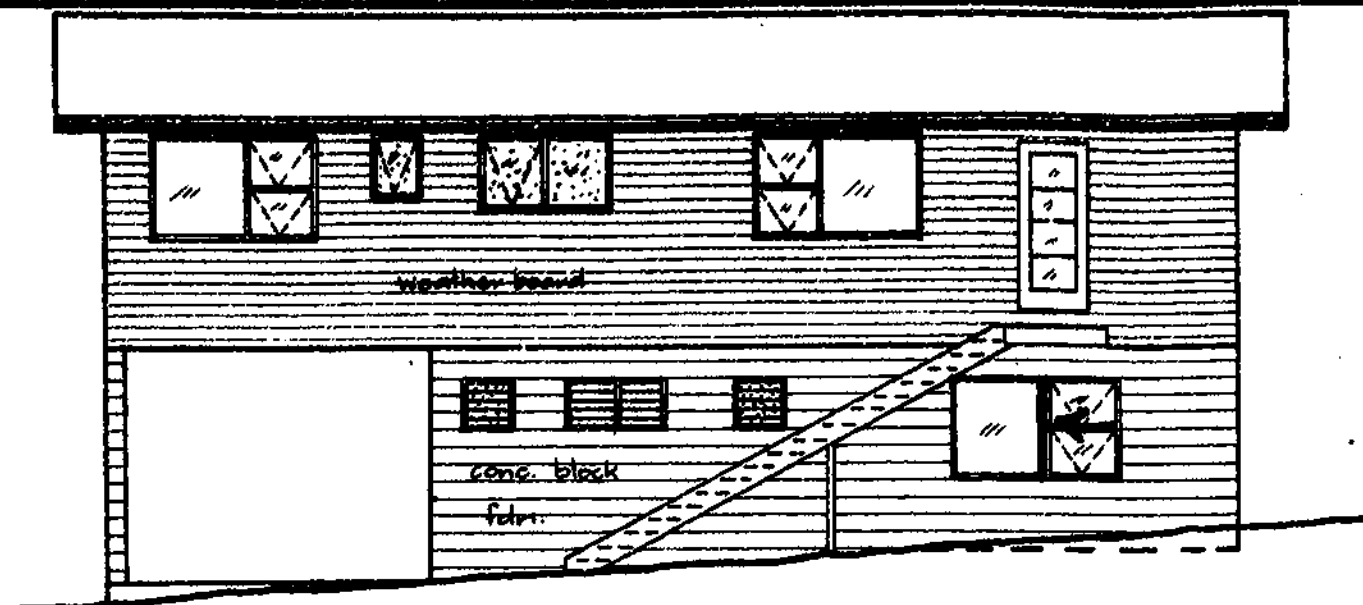


WALL SECTION

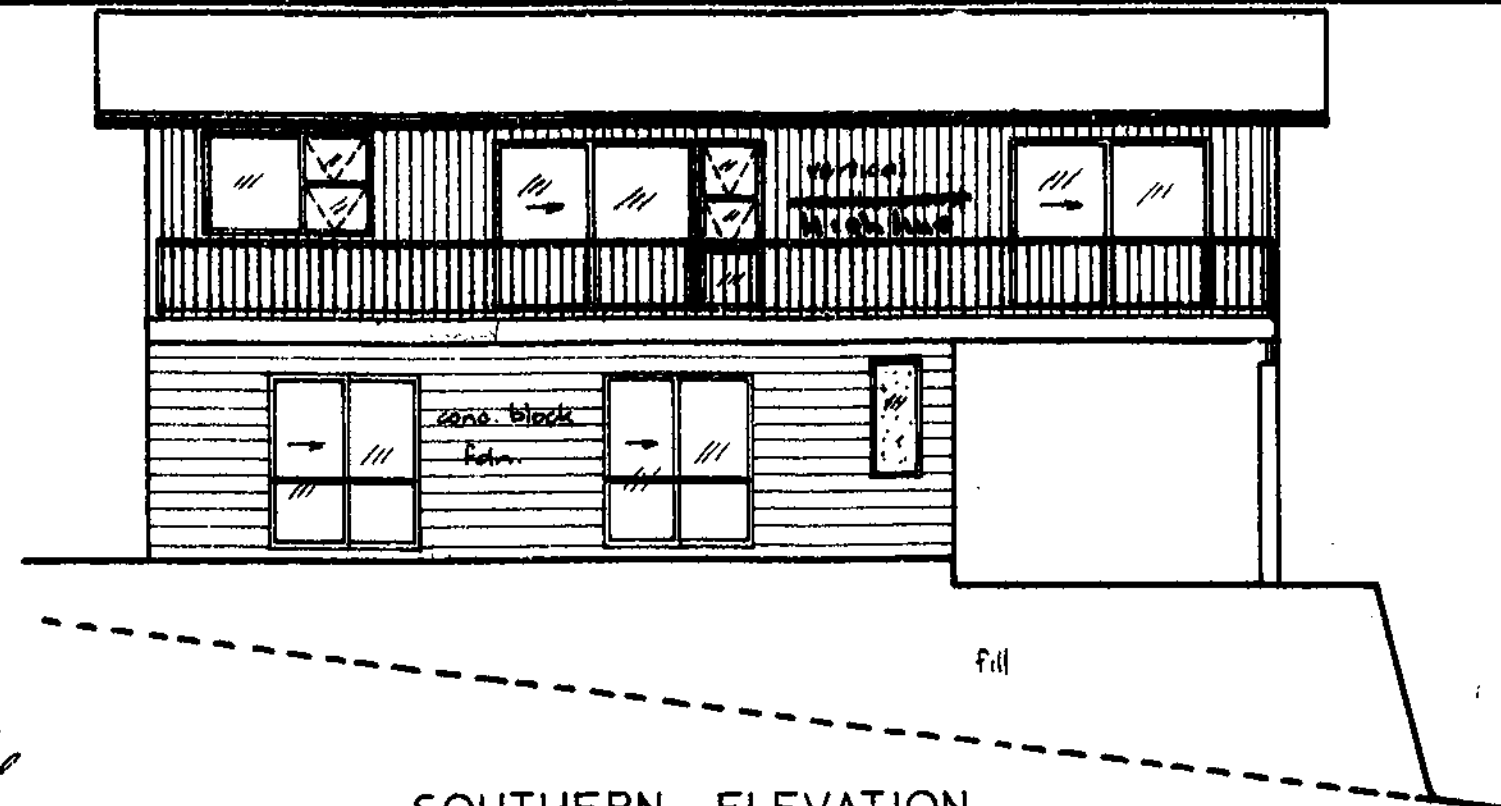
98/21

9 68

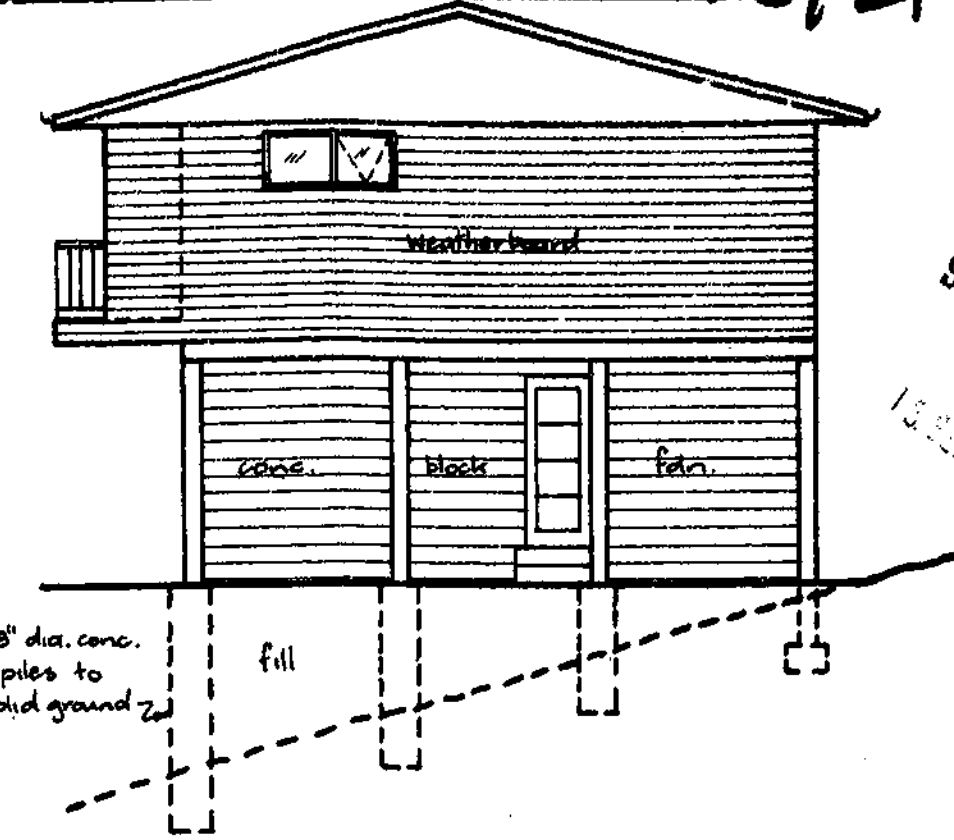
15-22-1972



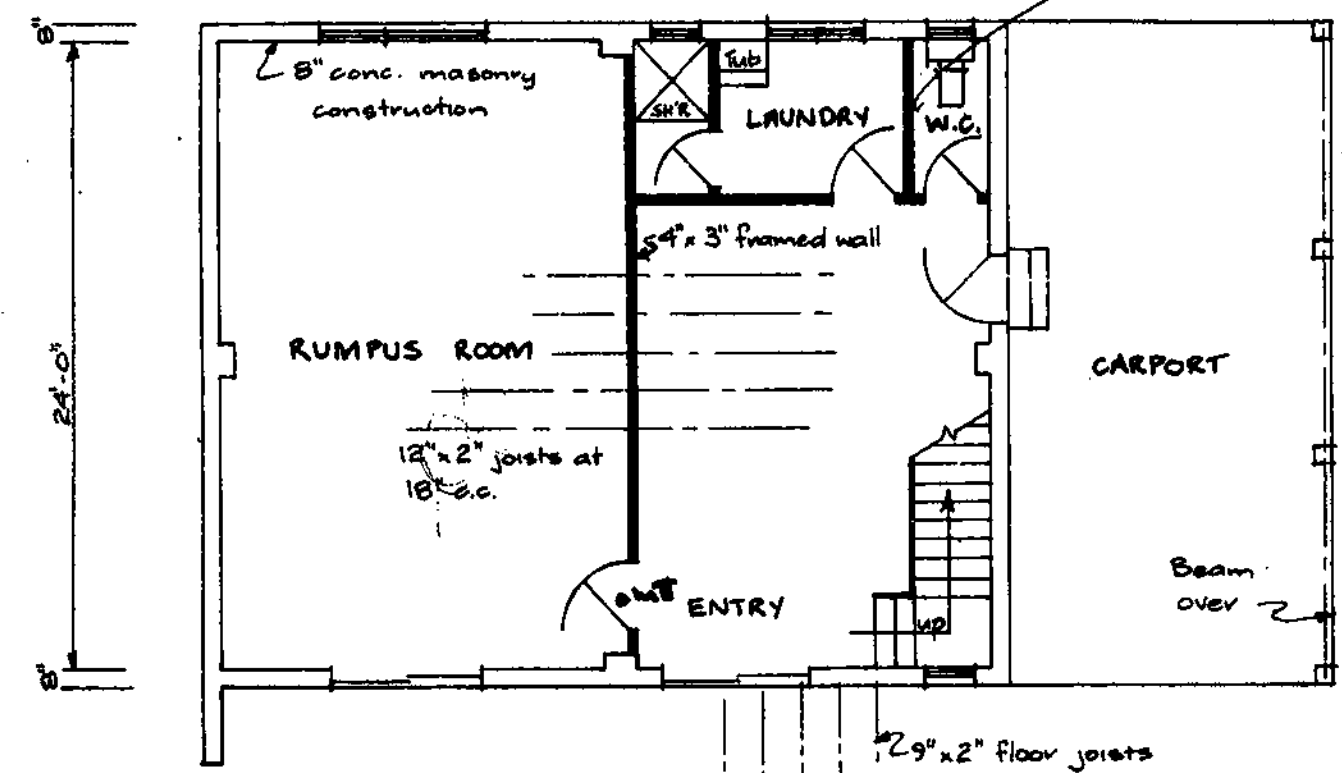
NORTHERN ELEVATION.



SOUTHERN ELEVATION.



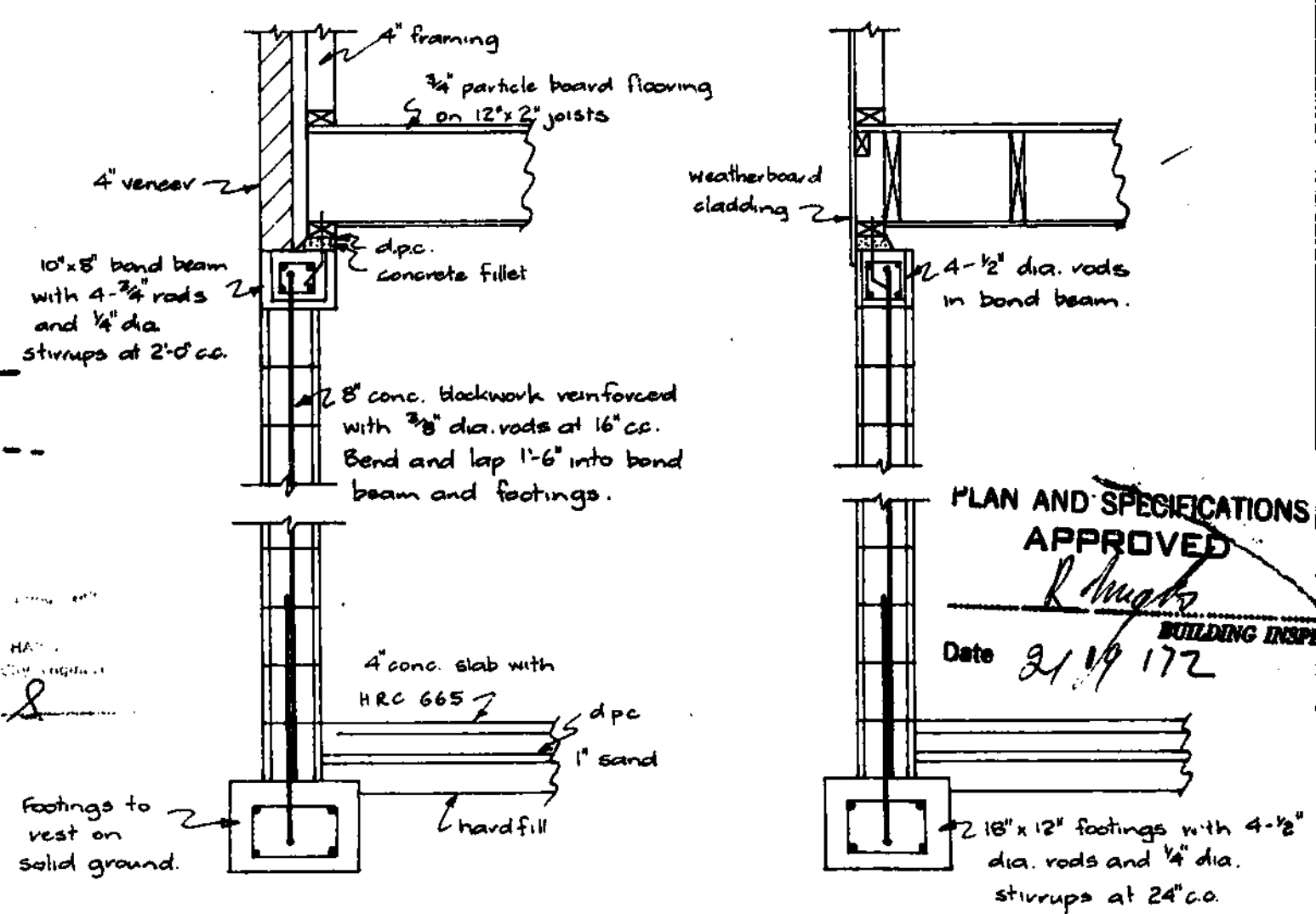
EASTERN ELEVATION.



BASEMENT PLAN.



WESTERN ELEVATION.



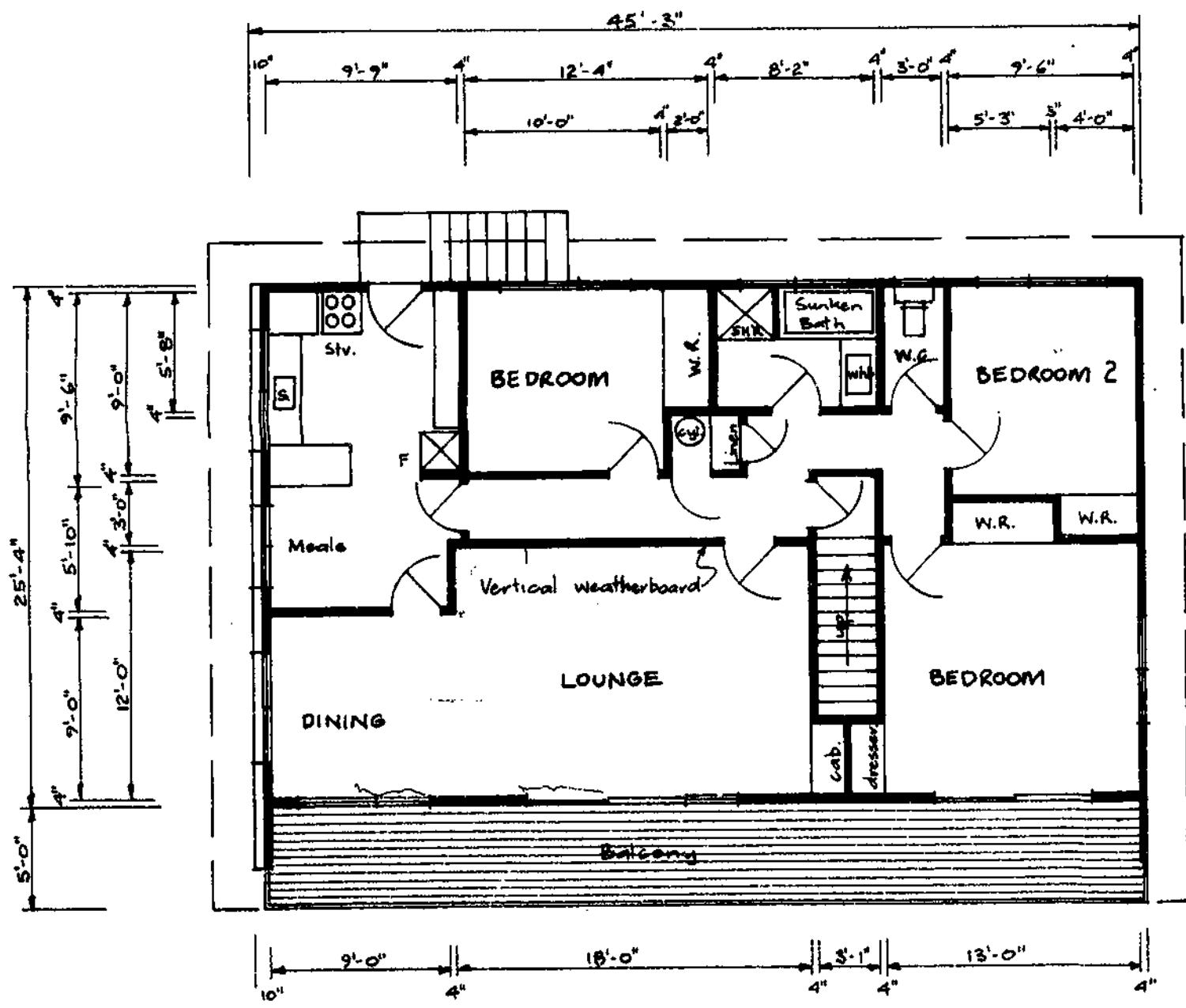
TYPICAL WALL SECTION
BRICK VENEER.

TYPICAL WALL SECTION.
WEATHER BOARD.

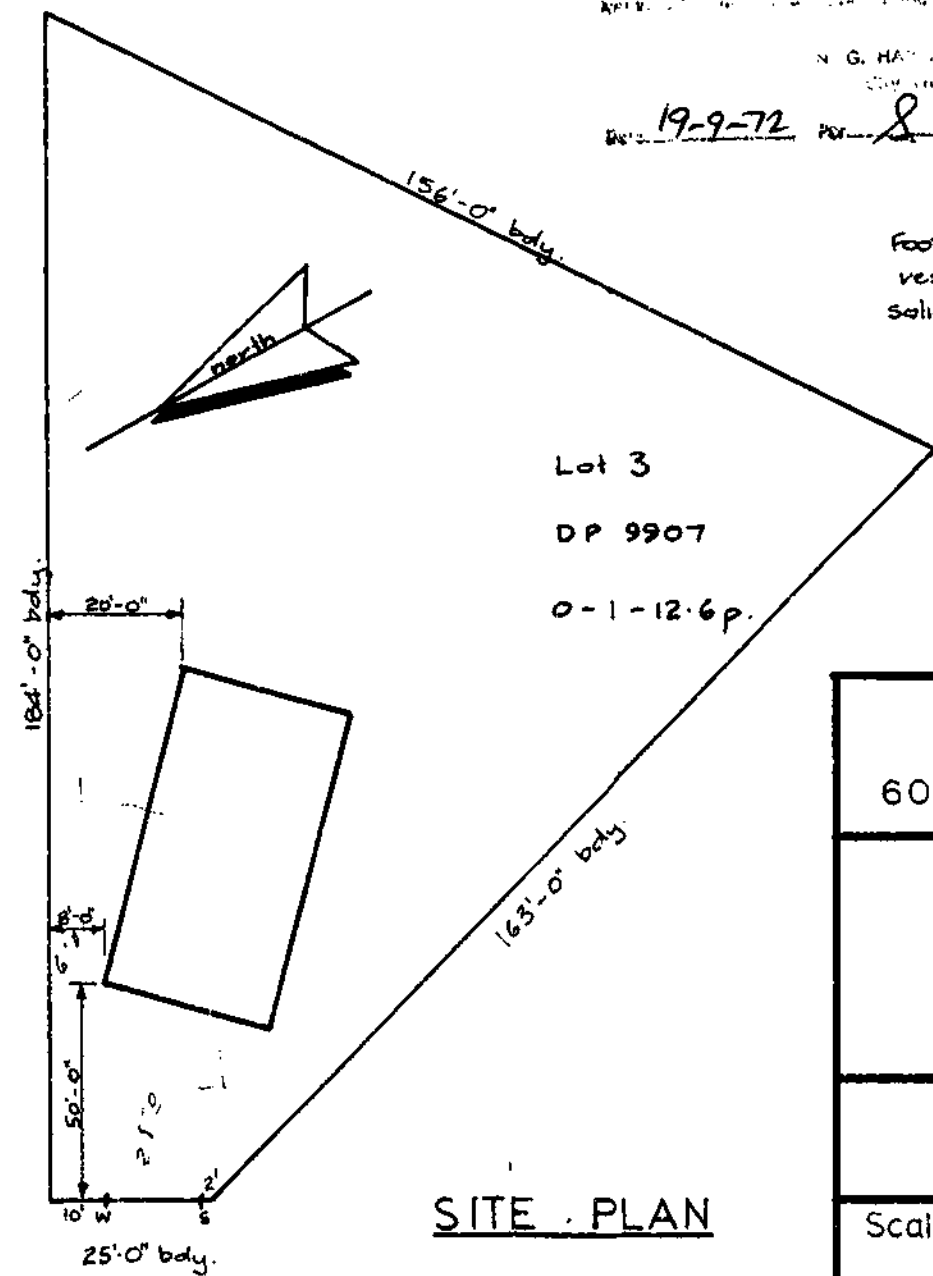
FOOTING & DRAINAGE
APPROVED
DATE 20.1.91
Inspector

APPROVED
N. G. HAY
DATE 19-9-72

PLAN AND SPECIFICATIONS
APPROVED
Date 21.11.72
BUILDING INSPECTOR



FIRST FLOOR PLAN.



SITE PLAN

Scale: 3/32" = 1' inch

TARANAKI PLAN SERVICE 60 Powderham Street P. O. Box 830 Phone 89563 New Plymouth		
PROPOSED RESIDENCE FOR MR. E. WYNDE AT CARLTON TERRACE - NEW PLYMOUTH.		
R. W. Wood Ltd.-Building Contractors-N. P.		
Scale 1/8" & 1/2" = 1'-0"	Designed : Drawn : <i>WFB</i> Traced : Date : 7-2-72	Drg. No. Sheet 1 of 1 sheets



Te Kaunihera-ā-Rohe o Ngāmotu

NEW PLYMOUTH DISTRICT COUNCIL

newplymouthnz.com

Certificate of Acceptance No: COA13/110135
Section 99, Building Act 2004

Building

Street address of building: 21 A Carlton Terrace

NEW PLYMOUTH 4310

Legal description of land where building is located: Lot 2 DP 427717

Building name: Storage Shed & Carport

Owner

Name of owner: Servaas Daniel BOTHERA, Ruth BOTHERA

Street address/registered office: 21A Carlton Terrace
Westown
NEWPLYMOUTH

Ph (private): (06) 562 0089

Email: servaas.d.botha@nz.pwc.com

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

New Plymouth District Council

Private Bag 2025, NEW PLYMOUTH

Ph: 06-759 6060

Fax: 06-759 6072

Email: enquiries@npdc.govt.nz

Website: www.newplymouth.com

ACCEPTANCE OF COMPLIANCE

The Territorial Authority named below is satisfied, to the best of its knowledge and belief and on reasonable grounds, that, insofar as it can ascertain, the building work described below complies with the building code: **Storage Shed and Carport**

The Scope of this certificate of acceptance is limited to the building work capable of visual assessment at the time of inspection.

Don Baker

Team Leader Inspectorate

On behalf of: New Plymouth District Council

Date Issued: 13 June 2014

BUILDING CONSENT

COA 110135P

PROPERTY ID

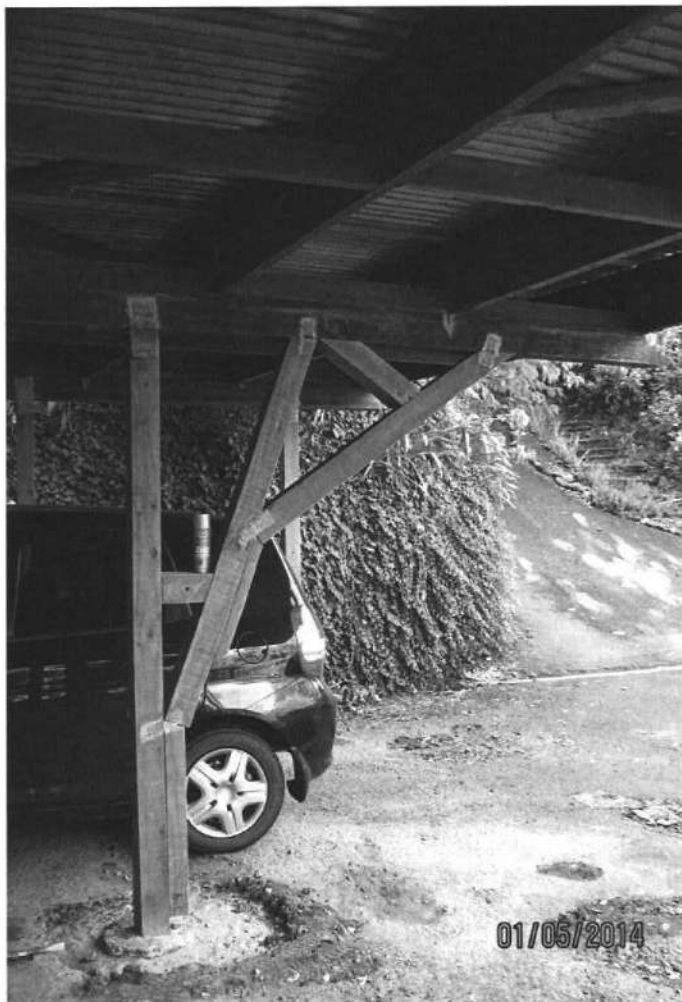
108720

COA 110135P

→ Diagonal brace to fit To-Samburitel beam joint together with galu plates on mid bolts.



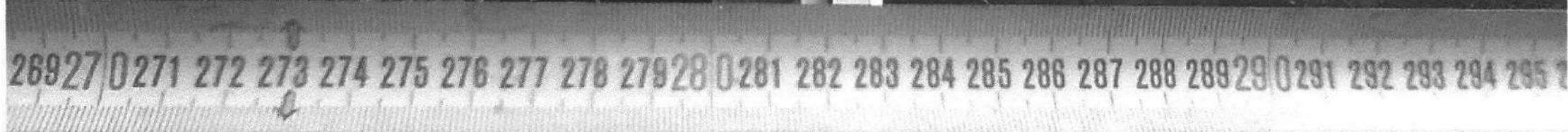
Claw nail plates galu painted.



Enlarge foundation around exist 4x4 post.
Completed to engineers report. for 500x500x600 deep.











Top

0291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 3

24 April 2014

Servaas Botha
21A Carlton Terrace
New Plymouth

Attention: Servaas

EXISTING CARPORT STRUCTURE AT 21A CARLTON TERRACE

The purpose of this report is to provide our site investigation results and recommendations for remedial works to the existing carport structure for it to comply as reasonably practicable to current building standards.

1.0 Site investigation

We completed a site visit on the 1st April 2014 to view the existing carport structure at 21A Carlton Terrace. The purpose of our visit was to achieve a general overview of the timber framed construction and look for any obvious structural issues of the carport.

The carport roof is approximately 6.8 meters long and 6.4 meters wide with metal profiled cladding supported on 3 rows of timber posts that are cast in concrete footings. The center row has 4 posts and contains a diagonal timber prop which supports the outer roof beam and the 2 outer rows contain 5 posts. The diagonal timber prop construction consists of 90x90 posts connected together with tooth nail plates and hand driven 90x3.15mm nails. In one corner of the carport a 9.0m² timber framed store room has been constructed that is lined with plywood.

The carport has been relocated from another off site location and we are not certain of the age of the structure. Generally the roof framing has been painted and the timber posts appear to be new 90x90 H5 fence posts. We were unable to determine the timber treatment of the roof framing other than it appeared to have some timber treatment. All new fixings, nails and nail plates, which we observed connecting timber roof framing and timber posts are galvanized steel. The roof iron is second hand and we are not aware of its age.

The carport is located adjacent to cut banks on the north and west sides that are currently covered with vegetation. The cut banks appeared in stable condition but are not faced or retained with any product. We were able to inspect the western and northern boundary line location adjacent to the carport but we did not measure any offsets to the roof.

2.0 Carport design check

We have used the as built drawings provided to us to check the carport structural member sizes, fixings and footings with those specified in NZS3604:2011. We consider that the carport structure is a minor structure providing shelter for vehicles and storage that is only intermittently occupied by people. Such a building is less susceptible to timber member deflections and movements as they are not critical to the building function with respect to water tightness and visual appearance.

Our design check against NZS3604:2011 indicated that the timber framing complies with the appropriate span tables, the outer roof line post footings provided sufficient concrete volume to resist up lift and the beam/post nail plates provided adequate hold down capacity. We determined that 2 center post footings, with increased roof area, require widening and additional concrete poured around the existing footing. Fixings are in a sheltered environment of zone C and are easily visible.

The site location plan provided to us indicates the existing distances from the roof edges to the boundary line. The plan shows that the roof is greater than 650mm from the boundary lines.

The roof of the carport is on a shallow pitch and of light weight timber construction which allows minimal horizontal wind and earthquake forces to be applied to the roof support posts. The corner shed is a box shape and we consider that due to its configuration it is self supporting against wind and earthquake loads.

3.0 Recommendations

From our site inspection and design check in our opinion the carport structure appears in good condition with adequate sized timber members and fixings to support the applied gravity, wind and earthquake loads. We consider the carport structure posts provide adequate bracing support to resist the applied earthquake and wind design forces for a minor category structure. There are a few modifications we recommend completing on the carport structure to better comply with the NZS3604 building standard which we have listed below.

- i) Increase the size of post A footing to 500x500x500mm deep if it is not already this size.
- ii) Increase the size of post B footing to 650x650x600mm deep if it is not already this size.
- iii) Scrape all dilapidated paint from roof framing timber and apply an appropriate all weather exterior paint to the existing roof framing to improve timber durability.
- iv) All tooth nail plates be spray painted with 2 coats of a metal zinc coating to increase the metal durability. A standard spray can zinc paint is suitable and it may be painted over with the timber paint.

We hope this report is suitable to meet the needs of the council building compliance requirement. If you have any queries regarding our recommendations please contact me.

Regards,



Matt Peacock
BE, Structural Engineer, CPEng, MIPENZ

Incl: Carport photos, Carport design check, Carport drawings



Photo 1. General view of the carport with storage shed in far corner.



Photo 2. Roof beam/post connection

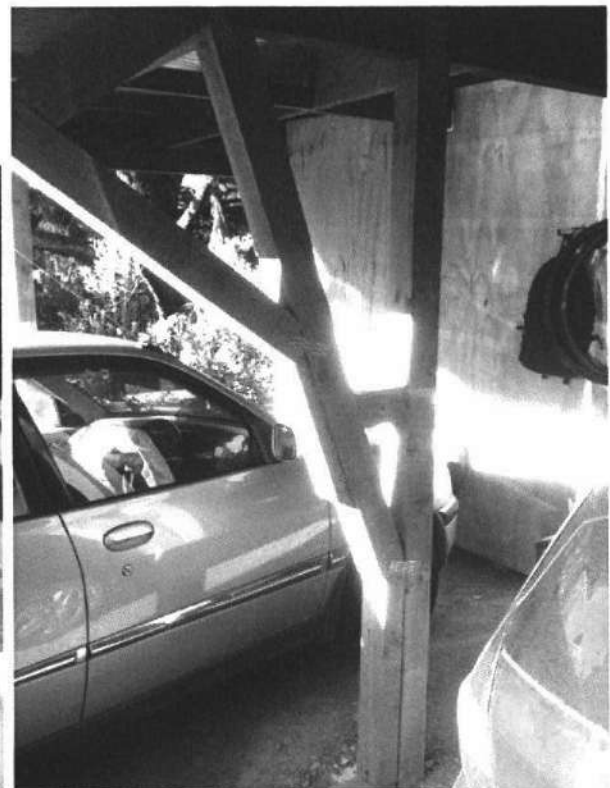


Photo 3. Diagonal prop supporting roof center beam.

Project: 21A Carlton Tee Carport structure

Job Number: 141304

Date: 14 April 2014

Completed by: Matt Peacock, BE, Structural Engineer, CPEng

SET
ENGINEERING

Civil & Structural Engineers
PO Box 1059
New Plymouth
M: 021 495540

PAGE: 4

CARPORT STRUCTURE ELEMENTS

The carport structure consists of timber framing as listed below. We have checked the timber framing and other relevant carport elements with that detailed in NZS3604:2011 to determine if the structure complies with this standard. Medium wind zone, L/D = loaded dimension, light roof.

<u>Carport Element</u>	<u>NZS3604:2011</u>
280x45 Purlin rafter @ 950crs 3m span 2 skew nails + 2 wire dogs	240x45 rafter @ 900crs max span 3.4m fixing 2 skew nails + 2 wire dogs
140x90 roof beam span 1.9m L/D 3m	140x90 lintel L/D 3m max span 1.9m
Outer timber post footing roof area 2.55m ² 0.08m ² footing (typ)	2.5m ² roof area footing volume 0.063m ²
Centre post A roof area 5.1m ² 0.08m ² footing	5m ² roof area footing volume 0.125m ²
Centre post B roof area 9.45m ² footing 0.15m ²	10m ² roof area footing volume 0.25m ²
Beam/post hold down:	
Outer post 2x68x180 tooth plate	2.5kN hold down
Post A 2x68x180 tooth plate	4.9kN hold down
Post B 2x68x180 tooth plate	9.1kN hold down
Tylok 6T10 tooth plate capacity = 11kN/pair	

>>> Above timber elements of carport comply with NZS3604:2011 span tables, typical outer line post footing is adequate and beam/post hold down using 2 Tylok 6T10 nail plates is adequate.

There is one centre post A with an increased roof area that requires a footing volume of 0.125m² which requires the existing footing to be increased to 500x500x500mm deep.

There is one centre post B with an increased footing area that requires a footing volume of 0.25m² which requires the existing footing to be increased to 650x650x600mm deep. See the attached carport plan view for the footings A & B increased footing size.

OFFICE COPY

CERTIFICATE OF ACCEPTANCE

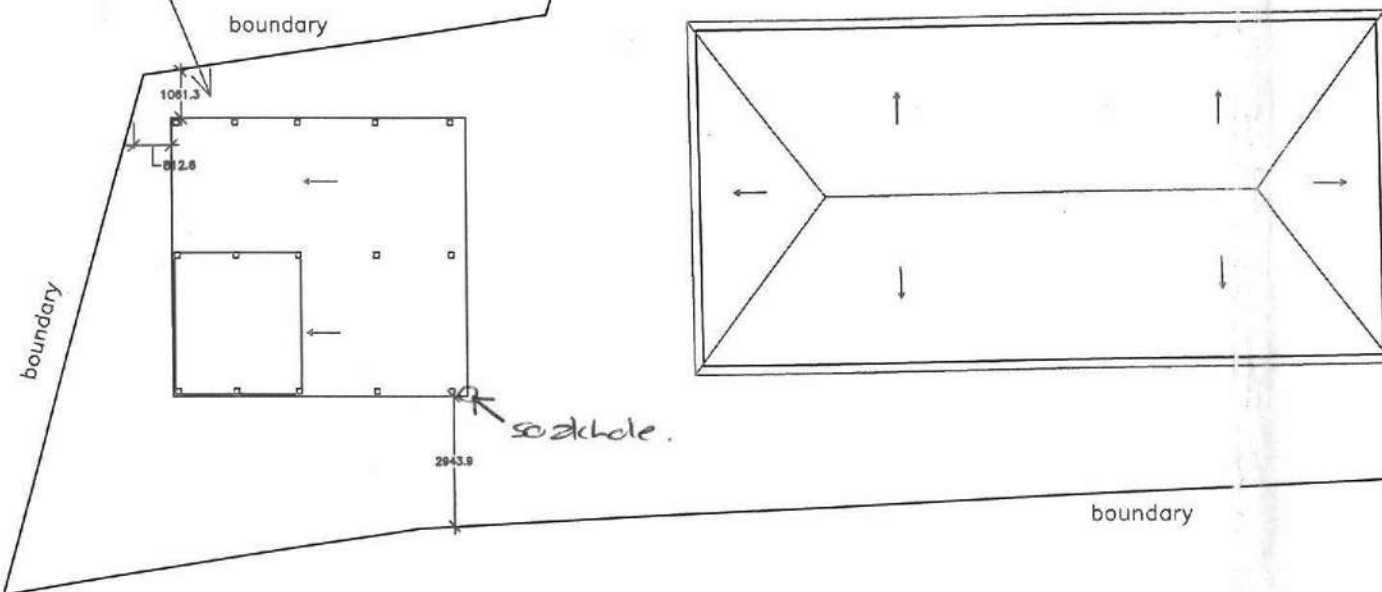
Refer to limitations as listed on the certificate

Signed: *[Signature]*

Date: 28/4/14

COA 13 110135 9.8.13

Proposed Carport



Plan View
Car Port

		-				LDV DESIGN LTD.	21A CARLTON TERRACE SERVAAS BOTHA SITE LOCATION PLAN			
		-					DRAWN LDV	DATE 27-07-13	SHEET No. 1	REV
		-					APP. -	DATE -	DRAWING No.	A
		-					300-18-21A			
		-					SCALE DO NOT SCALE FROM DRAWING			
		-								
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-	email: devillluke@gmail.com phone: 027 200 9071 website:				
REV	DATE	DESCRIPTION	BY	CHD	APP					

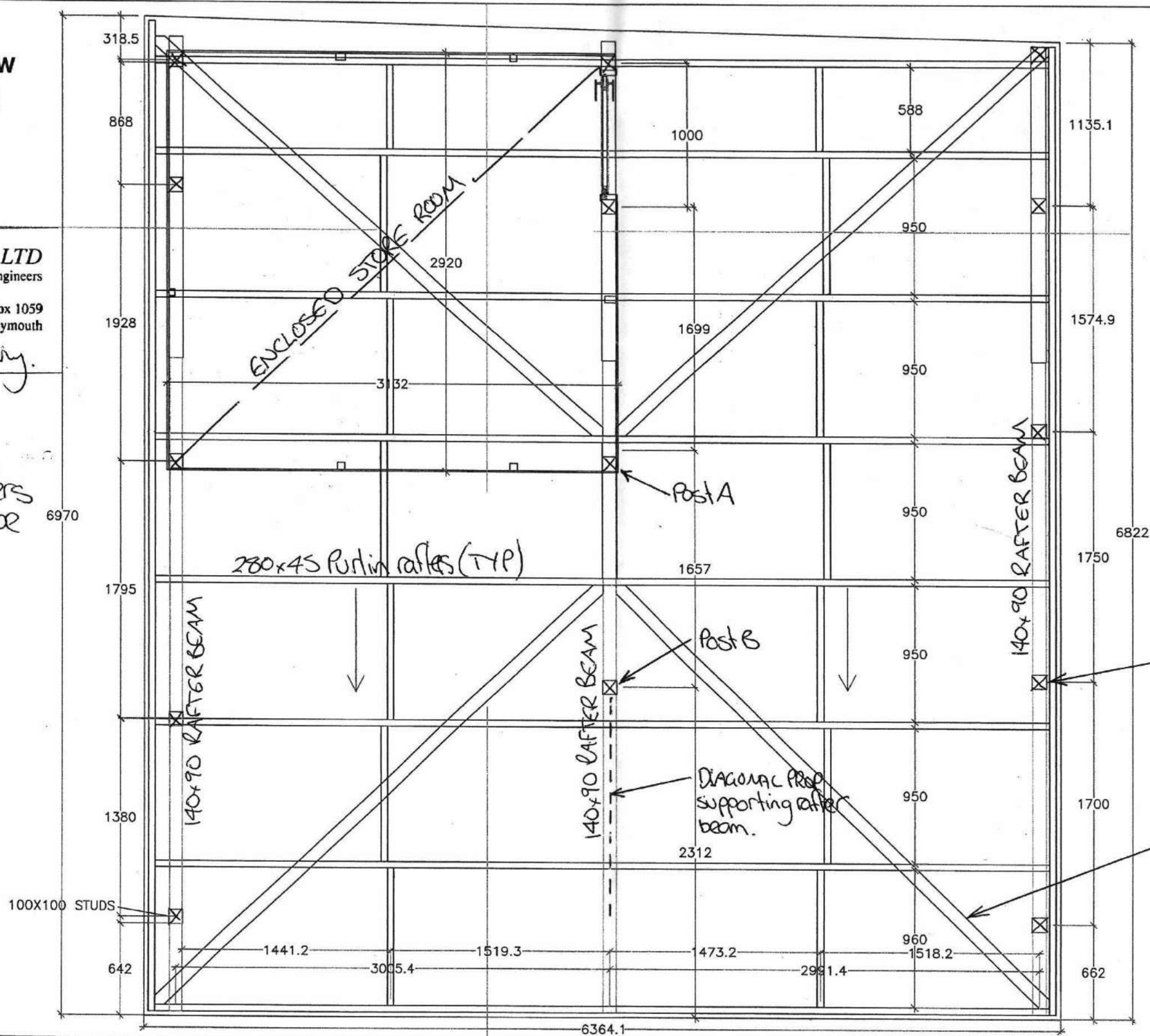
Plan View Car Port

SET ENGINEERING LTD
Civil & Structural Engineers

14 APR 2014 PO Box 1059
New Plymouth

Notes added to drawing.

Note: All dimensions recorded by others & assumed to be accurate.



- * Post A footing size to be increased to 500x500x500mm deep.
- * Post B footing size to be increased to 650x650x600mm deep.

- 100x100 HS Posts (typ)
cast in 400x400x500
deep footings.

- 90x45 diagonal roof braces

		-			
		-			
		-			
		-			
		-			
		-			
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-
REV	DATE	DESCRIPTION	BY	CHD	APP

LDV DESIGN LTD.

email: devilllluke@gmail.com
phone: 027 200 9071
website:

21A CARLTON TERRACE
SERVAAS BOTHA
PLAN VIEW STRUCTURE

DRAWN	LDV	DATE	27-07-13
-------	-----	------	----------

APP. — DATE —

SCALE 1:30 @ A 3

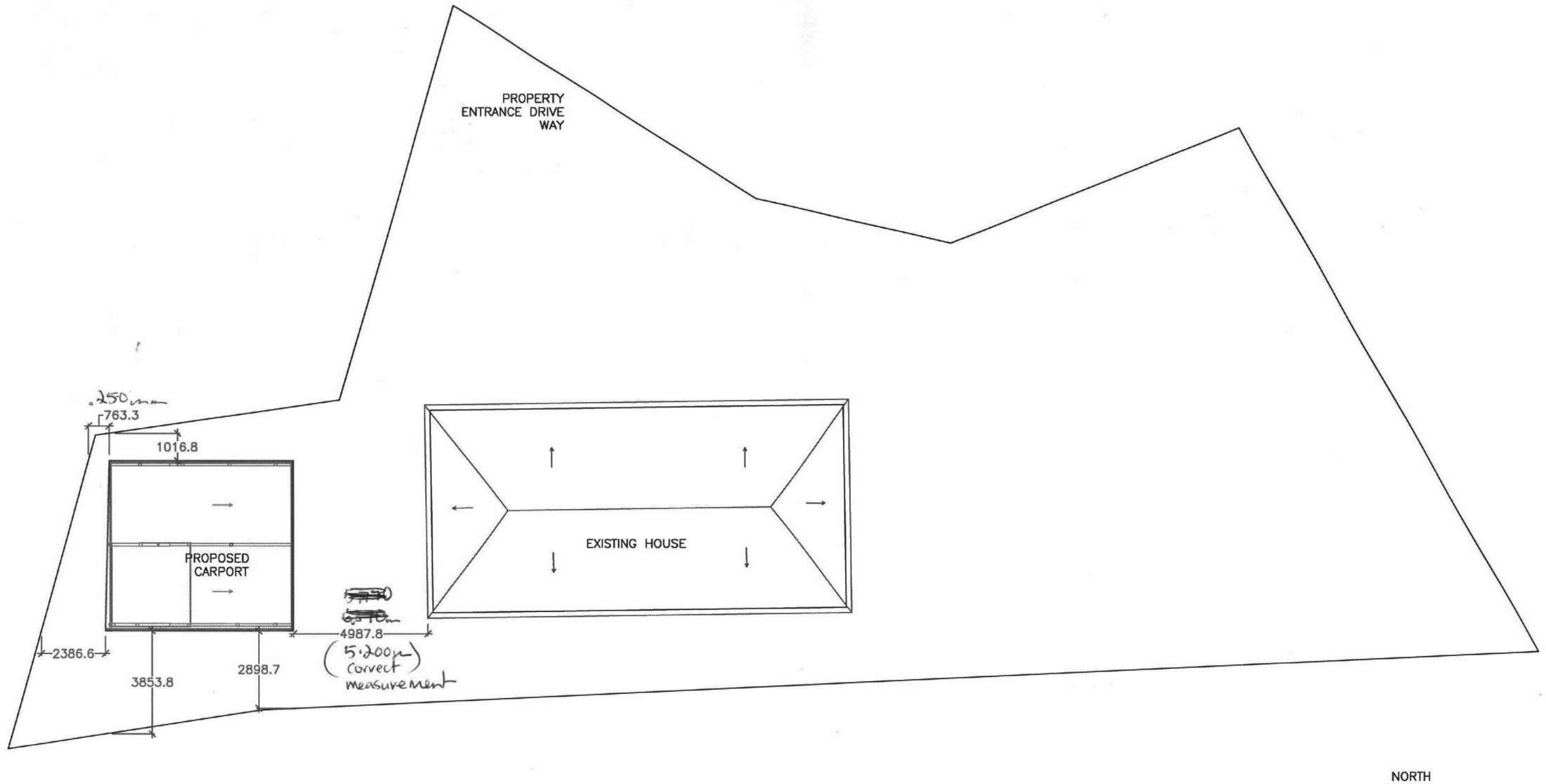
SHEET No.	2 OF 8
-----------	--------

	DRAWING No.
--	-------------

300-18-21A

REV	
-----	--

A



Site Plan Car Port

		-			
		-			
		-			
		-			
		-			
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-
REV	DATE	DESCRIPTION	BY	CHD	APP

LDV DESIGN LTD.

email: devillluke@gmail.com
phone: 027 200 9071
website:

21A CARLTON TERRACE
SERVAAS BOTHA
SITE LOCATION PLAN

DRAWN LDV DATE 27-07-13
APP. - DATE -
SCALE 1:150

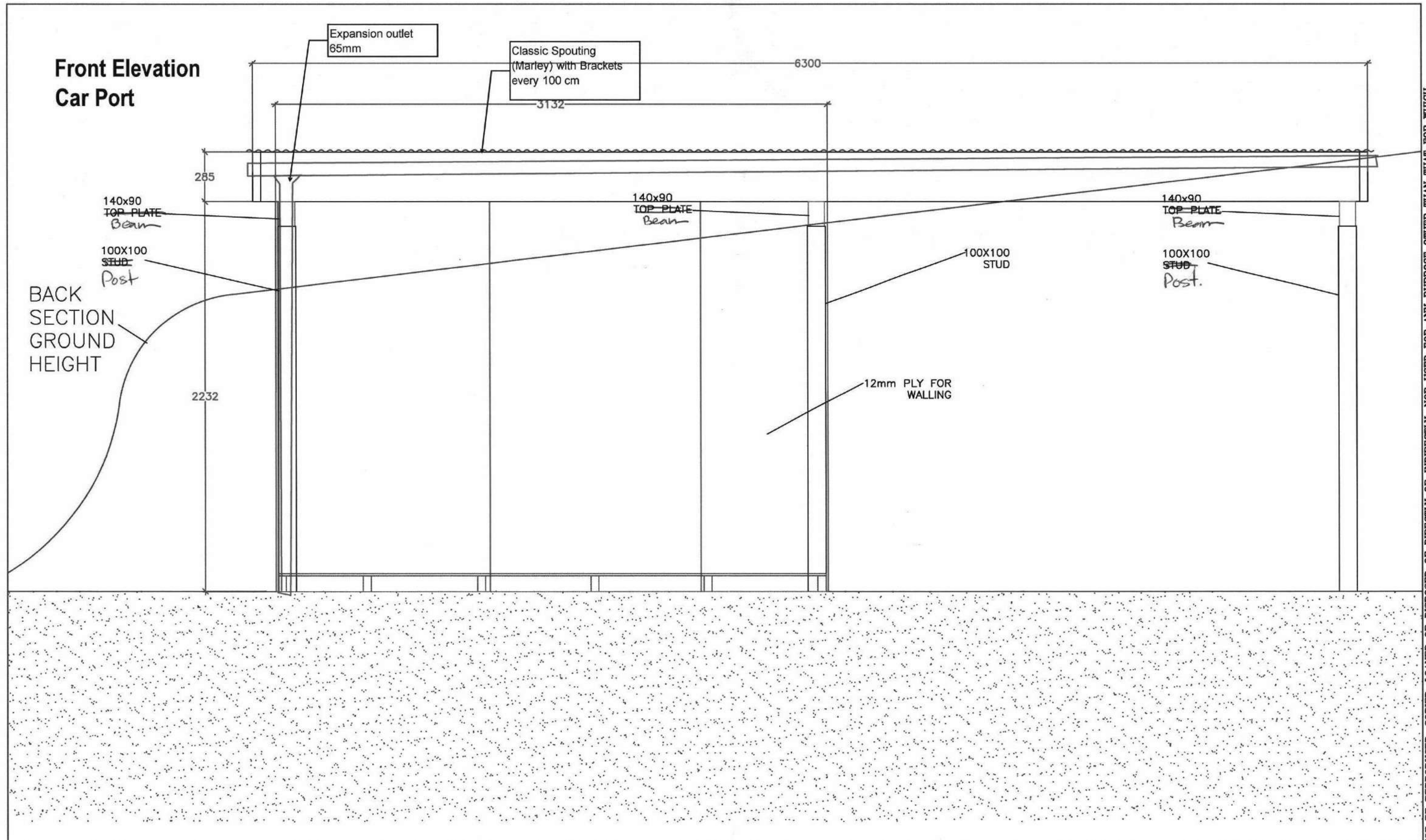
SHEET No. 1
DRAWING No.

300-18-21A

REV
A

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF LUKE DE VILLIERS

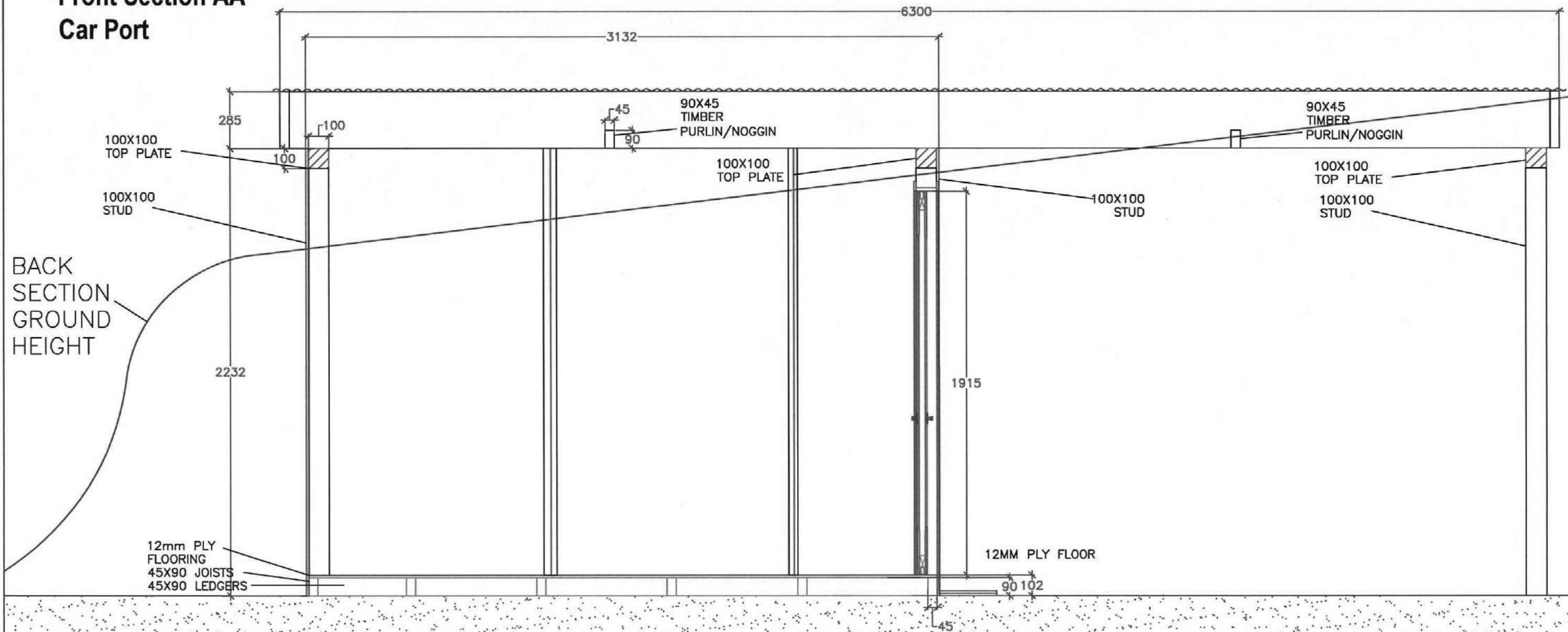
Front Elevation Car Port



		-				LDV DESIGN LTD.	21A CARLTON TERRACE SERVAAS BOTHA FRONT ELEVATION			
		-					DRAWN LDV	DATE 27-07-13	SHEET No. 3 OF 8	REV
		-					APP. -	DATE -	DRAWING No.	A
		-					300-18-21A			
		-								
		-								
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-	email: devillluke@gmail.com phone: 027 200 9071 website:				
REV	DATE	DESCRIPTION	BY	CHD	APP					

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF LUKE DE VILLIERS

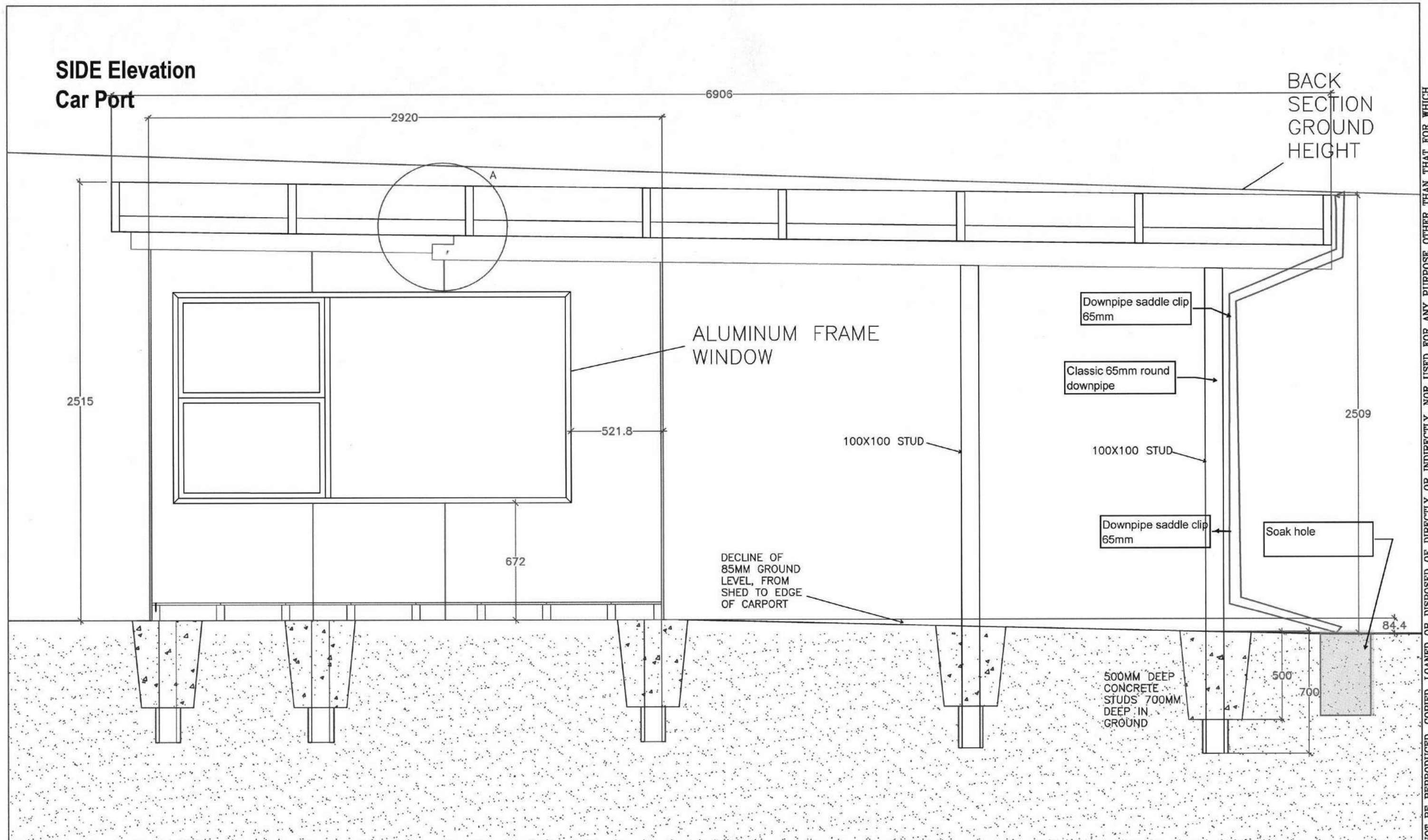
Front Section AA Car Port



		-				LDV DESIGN LTD. email: devillluke@gmail.com phone: 027 200 9071 website:	21A CARLTON TERRACE SERVAAS BOTHA FRONT SECTION AA			REV A
		-					DRAWN LDV	DATE 27-07-13	SHEET No. 4 OF 8	
		-					APP. -	DATE -	DRAWING No.	
		-					SCALE 1:20 @ A3	300-18-21A		
		-								
		-								
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-					
REV	DATE	DESCRIPTION	BY	CHD	APP					

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF LUKE DE VILLIERS

SIDE Elevation Car Port



A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-
REV	DATE	DESCRIPTION	BY	CHD	APP

LDV DESIGN LTD.

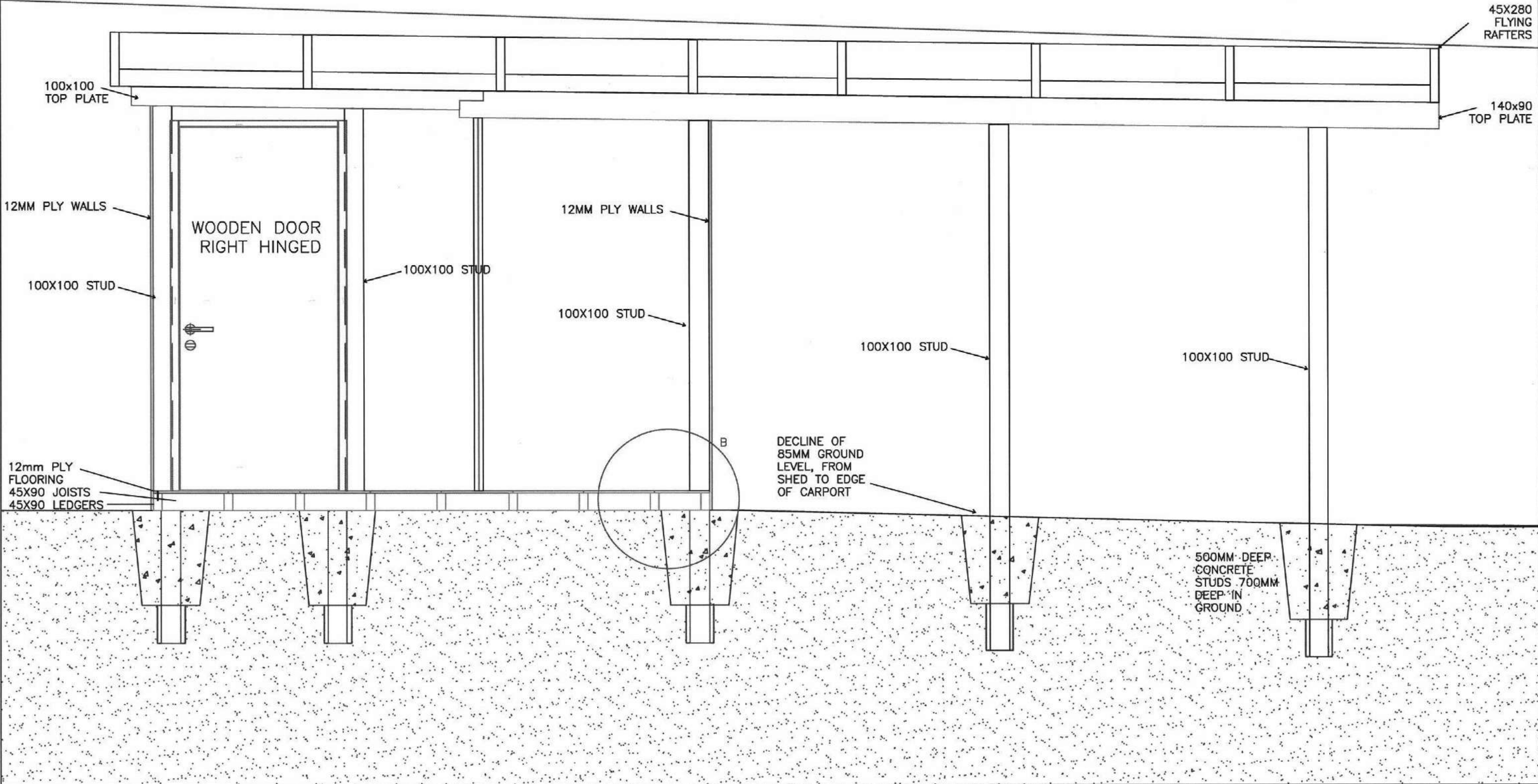
email: devillluke@gmail.com
phone: 027 200 9071
website:

21A CARLTON TERRACE
SERVAAS BOTHA
SIDE ELEVATION

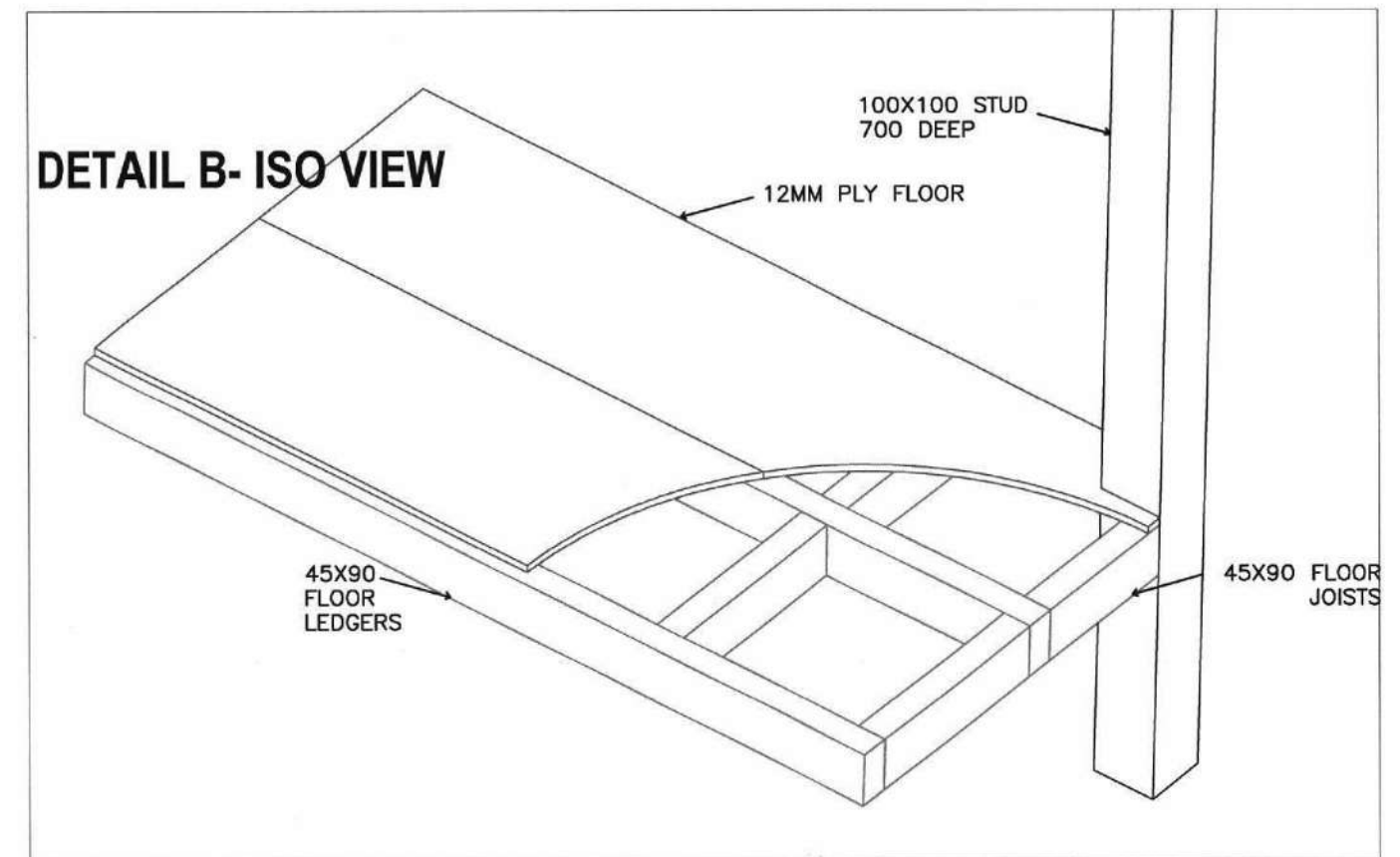
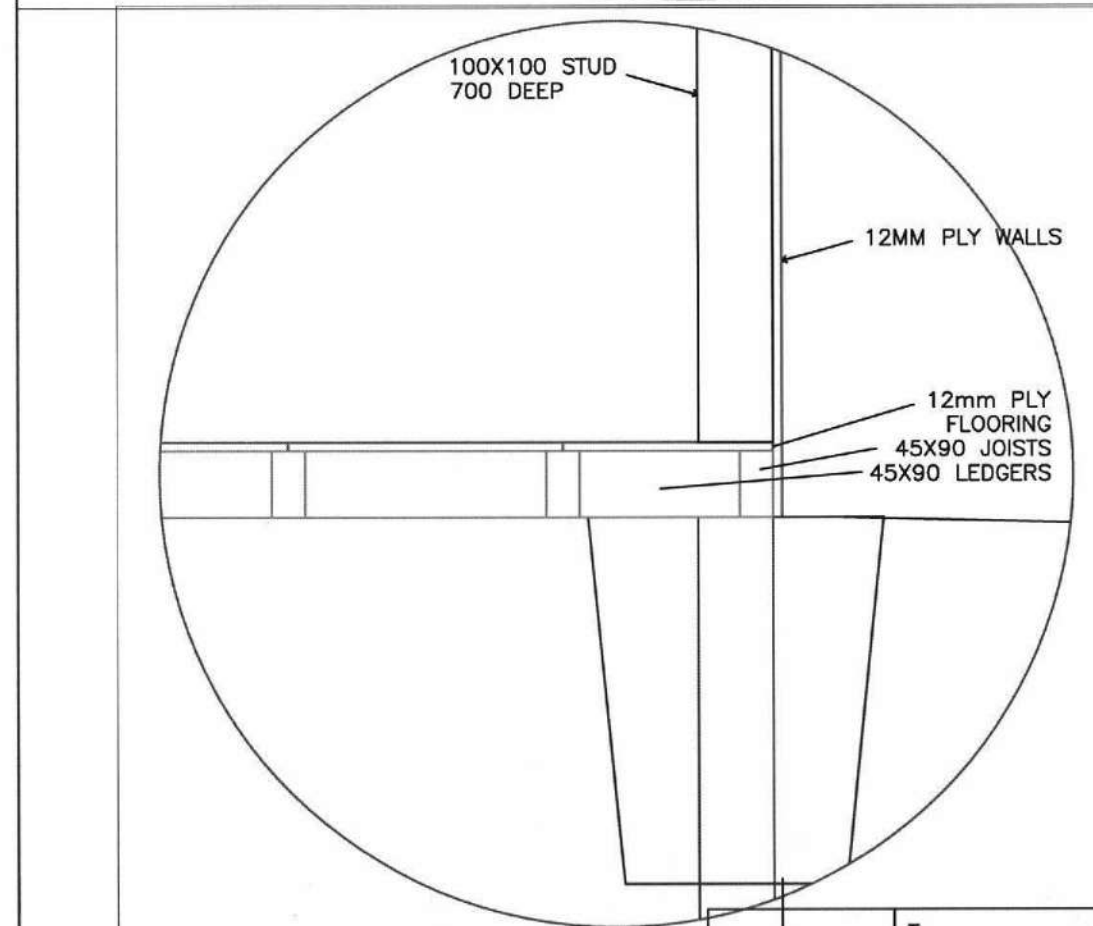
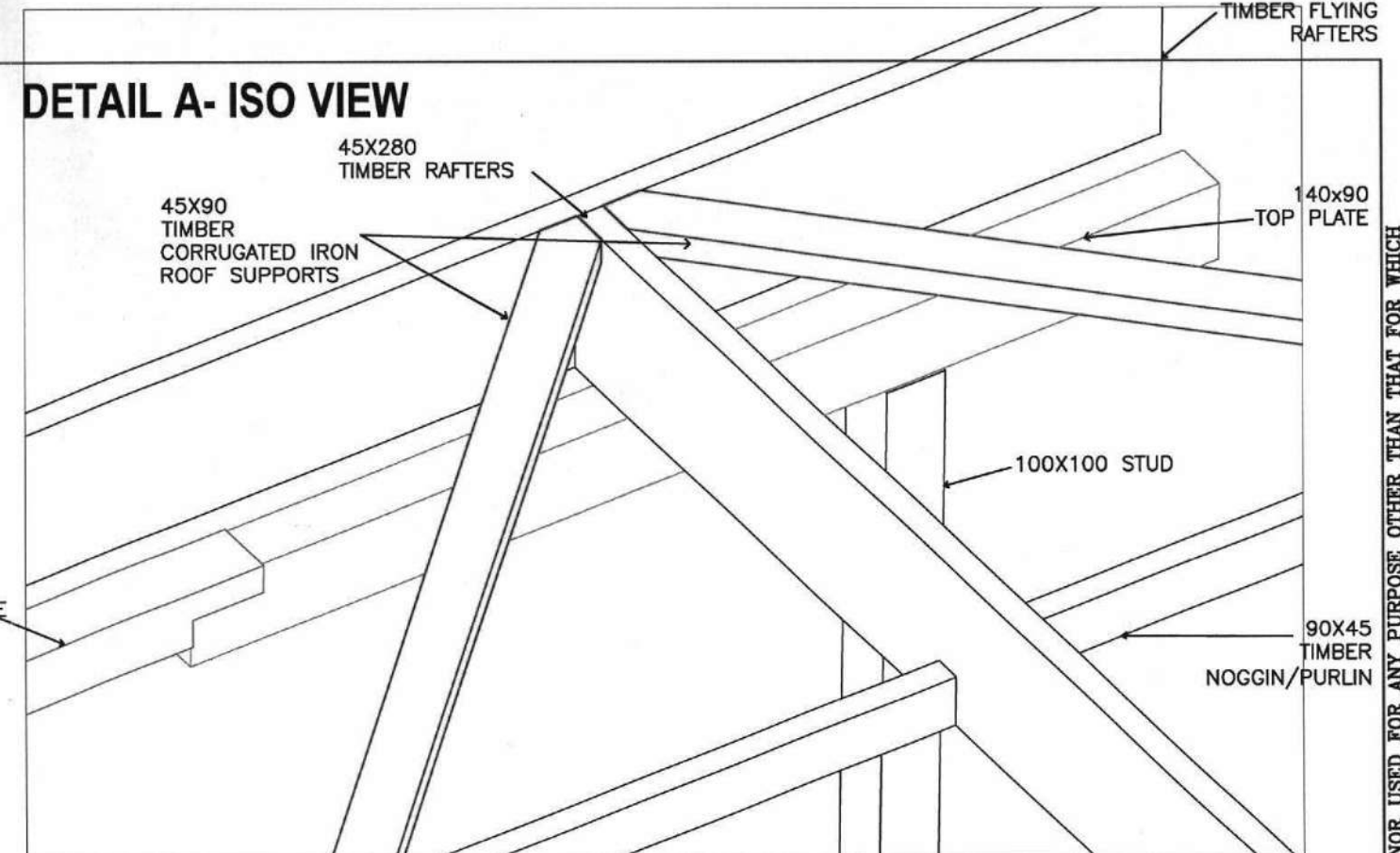
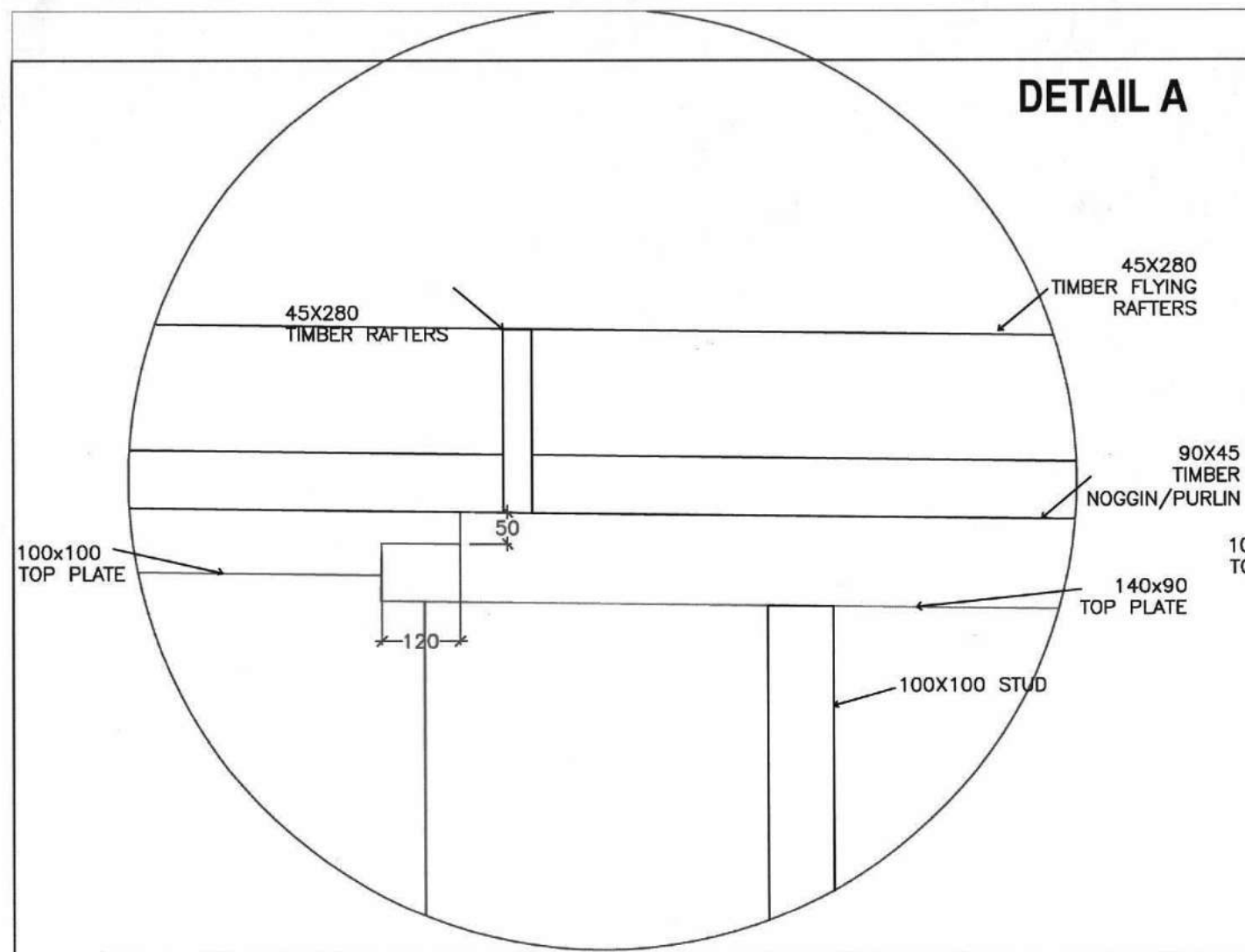
DRAWN LDV	DATE 27-07-13	SHEET No. 5 OF 8	REV
APP. -	DATE -	DRAWING No.	A
SCALE 1:20 @ A3		300-18-21A	

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF LUKE DE VILLIERS.

SIDE Section BB
Car Port



		-				LDV DESIGN LTD.	21A CARLTON TERRACE SERVAAS BOTHA SIDE SECTION BB			
		-					DRAWN LDV	DATE 27-07-13	SHEET No. 6 OF 8	REV
		-					APP. -	DATE -	DRAWING No.	A
		-					300-18-21A			
		-								
		-								
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-	email: devillluke@gmail.com phone: 027 200 9071 website:				
REV	DATE	DESCRIPTION	BY	CHD	APP					



REV	DATE	DESCRIPTION	BY	CHD	APP
A	24-07-13	ISSUED FOR APPROVAL	LDV	-	-

LDV DESIGN LTD.

email: devillluke@gmail.com
phone: 027 200 9071
website:

21A CARLTON TERRACE
SERVAAS BOTHA
CONSTRUCTION DETAILS

DRAWN LDV	DATE 27-07-13	SHEET No. 7 OF 8	REV A
APP. -	DATE -	DRAWING No.	
SCALE 1:10 @ A3		300-18-21A	

THIS DOCUMENT SHALL NOT BE REPRODUCED, COPIED, LOANED OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF LUKE DE VILLIERS.

POWERED BY



Licensed REAA 2008

move.

darrell paterson

OWNER & SALESPERSON



027 493 7134



darrell@bestmove.co.nz



bestmove.co.nz