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KAPITI BOROUGH COUNCIL

Application for Permit

Valuation No.

1 5 2 8 2 1 6 6 0 0

Date Rec'd

Day Book

Initial

20-12-89

Page 8

To: The Borough Engineer

PRIVATE BAG, PARAPARAUMU

I/WE J. Robinson Phone 85486(Postal Address) 6 Allen Rd Para Beach
hereby make application for permission to have the work described herein,
and set out in the plans and specifications attached hereto, carried out in the
premises situated at —No. 300 Street or Road Rosetta RdLot No. 76 D.P. 12298 DistrictThe owner of the premises is Mr J Robinson

(Postal Address)

Signature of Applicant Catharine Mutton Date

Building - Plumbing - Drainage

Description of proposed work: New Dwelllingwith a floor area of 213.80 sq. metresEstimated cost of BUILDING incl. materials \$ 147400Estimated labour content of PLUMBING only \$ 1800Estimated labour content of DRAINAGE only \$ 800TOTAL estimated value of proposed work \$ 159000Builder's name and address To Be AdvisedType of water supply Town Capacity of storage tanksPlumber's name and address Paul Gardiner 47 Teitikei RdDrainlayer's name and address Abba Contracting PO Box 1501 Para Beach**IMPORTANT:— NO WORK TO BE COMMENCED BEFORE THE PERMIT IS ISSUED**
FOR OFFICE USE ONLYAccount No. 1140 Date 10-1-90 Receipt No. 67157 Date 15/1/90

Fees:

Building Permit \$ 513Plumbing Permit \$ 189Drainage Permit \$ 90Sewer Connection \$ 162Water Connection \$ NC section connectedKerb Crossing \$ 225Damage Deposit \$ 168.75

Bldg Research Levy \$

TOTAL

\$ 1347.75

GST Content

\$ 149.75Permit No. 18825 Date Issued 16-1-90Permit No. 2181 Date Issued 13-8-90Permit No. 175 Date Issued 16-1-90

Order No.

Refund

Checked

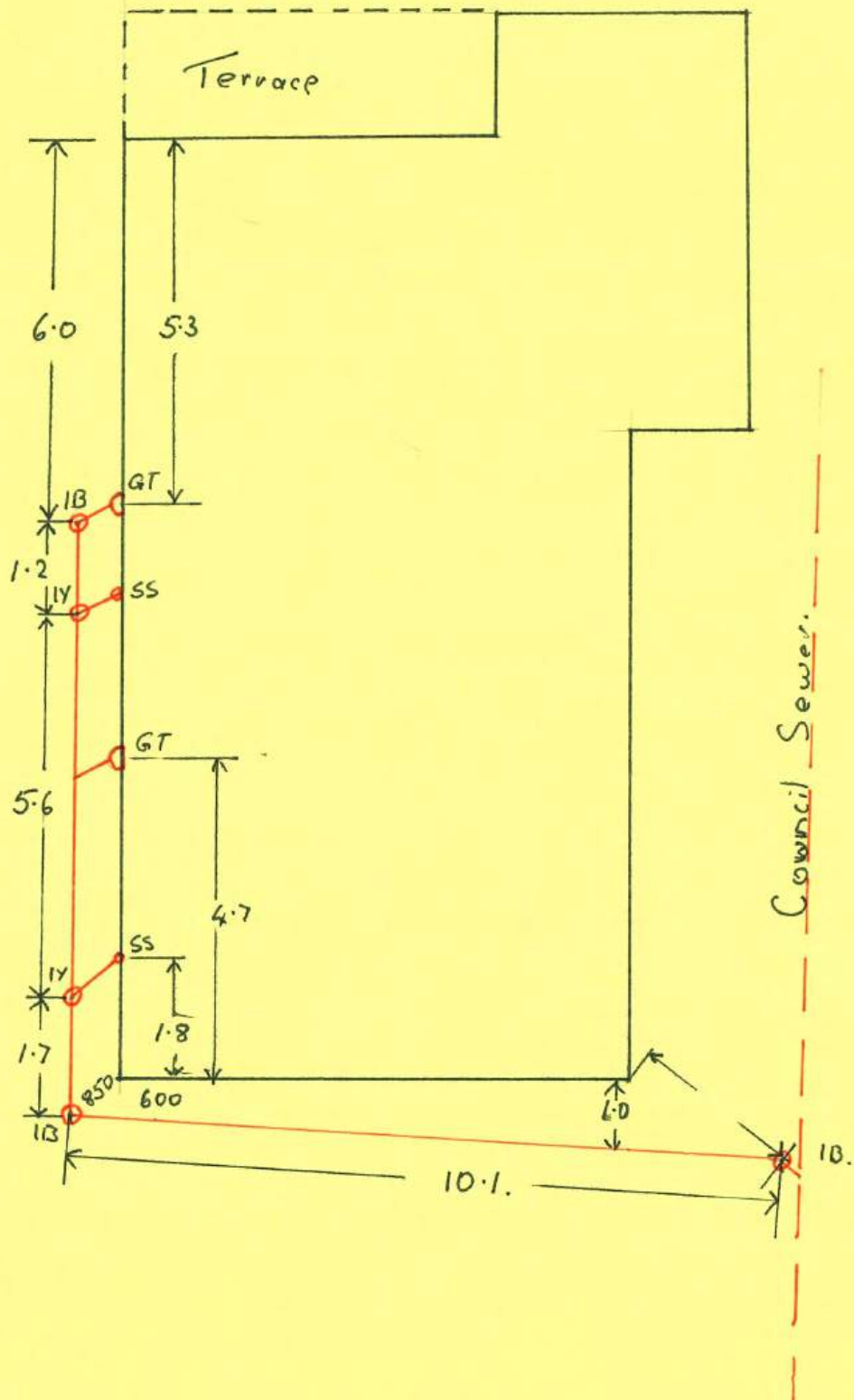
Date

Register Entry

Permit Endorsement:

FOUNDATION TO ENGINEERS DESIGN

300 Rosetta Rd. Frontage. (Robinson.)



LETTER TO OWNER.

Re 1/ FOUNDATION DETAILS TO
BE ALTERED TO COMPLY -
WITH NZS 3604-1984 APPENDIX E.

2/ ENGINTEERS CALCS READ FOR
TAPER FLANGÉ BEAM TO LOWER
LEVEL @ FOUNDATION TO SUPPORT.

3/ DESIGN CERTIFICATE READ FOR
TRUSSES AND DETAILS OF
FIXING.

Mr S ROBINSON
6 ALLEN RD
RAURHITI.

KAPITI COAST DISTRICT COUNCIL

APPLICATION FOR SEWER CONNECTION AND PERMIT

The Borough Engineer
Private Bag
PARAPARAUMU

I, J Robinson (Full name)
6 Allan Rd (Postal Address)
PLEASE PRINT

hereby apply for an ordinary connection to the Kapiti Borough Sewer from the premises owned by me at

(PROPERTY Address in full
if different from above)

300 Rosetta Rd

Lot

76

DP

12298

Fees Payable (on application)

Inspection \$

Connection \$

Total \$

Note: All dwelling units to pay full inspection fees.

The connection fee to be divided equally between
dwelling units situated on the same lot sharing
a common lateral.

Owners Signature

Date

THIS PART TO BE COMPLETED BY DRAINLAYER

I, M. Kanac (full name)
PO Box 1501 Parembea Beach (address)

being a licensed Drainlayer apply for permission to connect the premises mentioned above to the
Kapiti Borough Sewer.

N.B. Connection NOT permitted until permit obtained.

(Signature)

(License No.)

(Date)

OFFICE USE ONLY

Permit No.

175

Job Inspected

8-8-90

Building Register Entry

U. ROBINSON Legal Description : Lot 76 DP 12298
 Property Address : 6 ALLEN ROAD Date Rec'd : 28/5/86

		Comments	Checked	Date
TYPE OF B'LDG	Dwelling ☐ New ☐ Retail ☐ Addit'n ☐ Indust'l ☐ Alter'n ☐ Access'y ☒ Exten'n ☐ Other ☐			
TOWN PLANNING	Zoning - <u>Res. A.</u> Conforms with Scheme Yes/No Dispensation Granted Yes/No Planning Consent Granted Yes/No	<u>OK.</u>	<u>WP</u>	<u>30/5/86</u>
Subdivisional	Caveats Easements B'ldg Site Prepared Copy of DP Attached Yes/No			
ENGINEERING	Access - Crossing Required/Existing Stormwater - To Channel To Drain Confined to Lot Footpath Condition Damage Deposit Req'd Yes/No Services Special Floor Level Req'd Yes/No			
STRUCTURAL	Special Foundation Req'd Design Certificate Req'd			
PLUMBING	Requirements			
DRAINAGE	Requirements			
EGRESS	Req'd for Handicapped			
BUILDING	Requirements	<u>OK</u>	<u>YS.</u>	<u>30/5/86</u>

SHEET A

(CIRCLE whichever is applicable)

NAME: J ROBINSON

STOREY:

Single or top

Lower of two or middle of three

Lower of three

WIND AREA:

High / Medium / Low

STOREY HEIGHT =

2.4 m

SITE ADDRESS:

300 KOSKITT RDKAWAIA

1)

FOR EARTHQUAKE

Roof weight : light / heavyAverage roof slope : 30 °Earthquake Zone: A / B / CE = 3 B.U.'s/m²

2)

WIND along the building (W1)

Average roof height : 2 mGreatest roof slope : 36-60 °

ALONG

w1 wall = 22 B.U.'s/mw1 roof = 40 B.U.'s/mW1 total = 62 B.U.'s/m

3)

WIND across the building (W2)

Average roof height : 2 mGreatest roof slope : 30 °

ACROSS

w2 wall = 22 B.U.'s/mw2 roof = 32 B.U.'s/mW2 total = 54 B.U.'s/m

ROOF or BUILDING LENGTH

BL = 15 m

ROOF or BUILDING WIDTH

BW = 8.3 m

GROSS ROOF or BUILDING PLAN AREA

GPA = 124.5 m²

EARTHQUAKE: LOAD (ALONG and ACROSS)

E x GPA = 3 x 124.5 = 373.5 B.U.'s

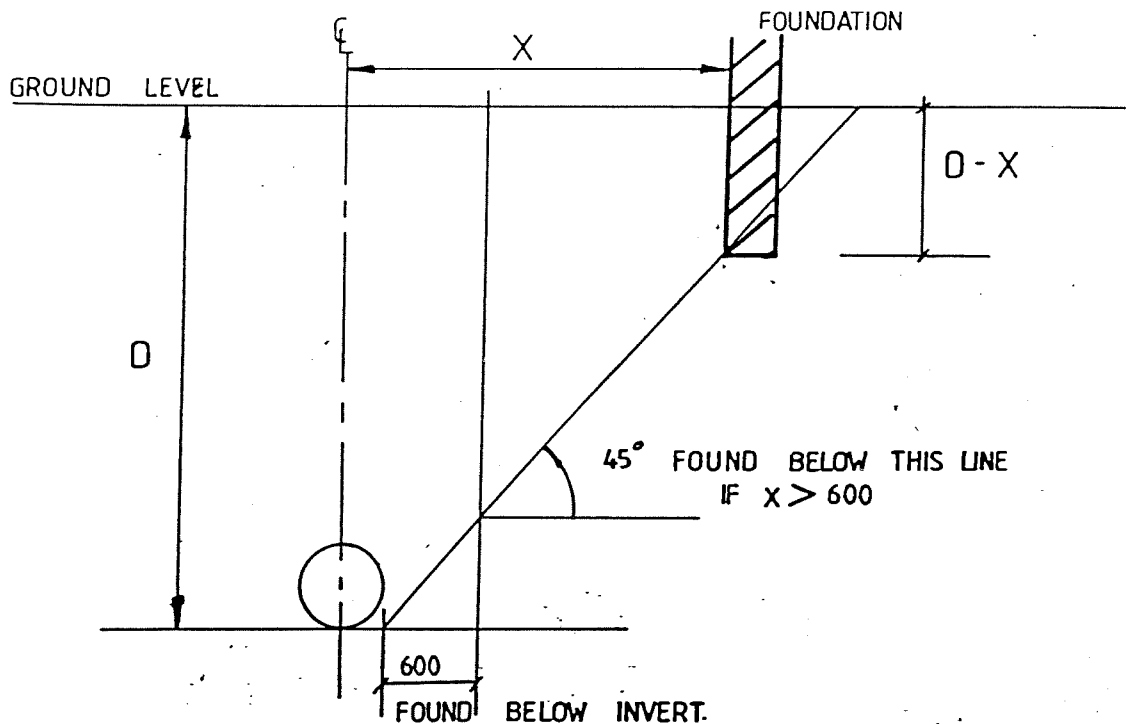
WIND: LOAD ALONG

W1 x BW = 62 x 8.3 = 514.6 B.U.'s

WIND: LOAD ACROSS

W2 x BL = 54 x 15 = 810 B.U.'s

NORMAL FOUNDATION CONDITIONS
APPLY IF $X > 3.0\text{m}$



POLICY FOR BUILDINGS LOCATED ADJACENT TO SEWERS

1. Where ever possible, any building is to be located at least 3 (three) metres from the centreline of any sewer. No building shall be located within 3 (three) metres of a sewer unless no practical alternative exists.
2. If any building is sited within 3 (three) metres of the centreline of a sewer the following shall apply :
 - a) The sewer must be located and exposed to determine its depth.
 - b) The foundation is a minimum of 100 mm from the pipe wall at its nearest point.
 - c) Any foundation within 600mm of the nearest pipe wall shall be founded below the pipe invert.
 - d) All other foundations within 3 (three) metres of the centreline of a sewer shall be founded deeper than a depth $(D-x)$ where D is the depth to invert of a pipe and x is the distance from the pipe centreline to the edge of the nearest foundation.

BUILDING ADJACENT TO SEWER

SHEET B

1	Total Bracing Units Required for this storey	Wall or Bracing Line		Wall Bracing Elements Provided					
		2	3	4	5	6	7	8	
		Line Label	Minimum B.U.'s Required	Bracing Element NO.	Type (table 20)	Rating B.U.'s (table 20)	Length of Element (m)	B.U.'s Achieved	
From sheet A greater of earthquake or wind across		M	73	1	8	67	1.1	73	
				2	8	67	1.3	97	
				3	8	67	1.2	90	
				4	9	83	3.5	290	
				5	9	83	2.7	224	
		O	70	6	9	83	3.4	282	
				7	8	67	1.7	113	
		P	70	8	9	83	1.9	157	
				9	9	83	2.7	214	
		Q	73	10	9	83	2.2	182	
		1485		TOTAL					

SHEET A

(CIRCLE whichever is applicable)

NAME:

J ROBINSON

STOREY:

Single or top

☒ Lower of two or middle of three☐ Lower of three

WIND AREA:

☒ High☐ Medium / ☐ LowSTOREY HEIGHT = 2.4 m

SITE ADDRESS:

300 ROSSETTA RDRAUTARI

1)

FOR EARTHQUAKE

Roof weight : ☒ light / heavyAverage roof slope : 30 °Earthquake Zone: ☒ A / ☐ B / ☐ CE = 5 B.U.'s/m²

2)

WIND along the building (W1)

Average roof height : 2 mGreatest roof slope : 36-60 °

ALONG

w1 wall = 67 B.U.'s/mw1 roof = 40 B.U.'s/mW1 total = 107 B.U.'s/m

3)

WIND across the building (W2)

Average roof height : 2 mGreatest roof slope : 30 °

ACROSS

w2 wall = 67 B.U.'s/mw2 roof = 32 B.U.'s/mW2 total = 99 B.U.'s/m

ROOF or BUILDING LENGTH

BL = 15 m

ROOF or BUILDING WIDTH

BW = 8.3 m

GROSS ROOF or BUILDING PLAN AREA

GPA = 124.5 m²

EARTHQUAKE: LOAD (ALONG and ACROSS)

E x GPA = 5 x 124.5 = 622.5 B.U.'s

WIND: LOAD ALONG

W1 x BW = 107 x 8.3 = 888.1 B.U.'s

WIND: LOAD ACROSS

W2 x BL = 99 x 15 = 1485 B.U.'s

LINE 1

331

303

LINE 2

32

65

242 199

306

302

311

68

300

612

2

4

5

7

9

11

13

15

17

610

301

63

306

ALONG

SHEET B

1	Wall or Bracing Line		Wall Bracing Elements Provided				
	2	3	4	5	6	7	8
Total Bracing Units Required for this storey	Line Label	Minimum B.U.'s Required	Bracing Element NO.	Type (table 20)	Rating B.U.'s (table 20)	Length of Element (m)	B.U.'s Achieved
From sheet A greater of earthquake or wind along	A	157	1	1	42	2.3	117
			2	1	42	3.0	126
	B	70	3	2	62	2.8	173
	C	157	4	3	67	1.3	87
			5	1	42	1.7	71
	D						
	E						
514							
					TOTAL		574

ACROSS

1	Wall or Bracing Line		Wall Bracing Elements Provided				
	2	3	4	5	6	7	8
Total Bracing Units Required for this storey	Line Label	Minimum B.U.'s Required	Bracing Element NO.	Type (table 20)	Rating B.U.'s (table 20)	Length of Element (m)	B.U.'s Achieved
From sheet A greater of earthquake or wind across	M	73	1	8	67	1.2	80
			2	8	83	2.2	182
			3	8	67	.9	60
	N	70	4	9	83	2.3	232
			5	9	83	1.8	144
	O	70	6	8	67	1.0	67
	P	73	7	8	67	1.0	67
			8	8	67	1.1	73
	Q						
810							
					TOTAL		910



BOROUGH OF KAPITI

Ngarara Building, Rimu Road,
Private Bag, Paraparaumu
Telephone 85-139

Correspondence to be
addressed to:
THE BOROUGH
ENGINEER

Inquiries to JIM DOHERTY

CONSTRUCTION OF PUBLIC DRAIN THROUGH PRIVATE

PROPERTY AT NO. 300 ROSETTA RD STREET/ROAD
RAUMATI

In lieu of serving formal notice of intention to construct a public drain through private property, pursuant to Sections 445 and 708 of the Local Government Act 1974, the property owner(s) below, having been approached has(~~have~~) signed the following:

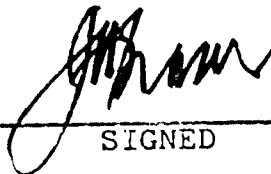
I/~~We~~ JAMES H FRASER

Registered owner(s) of property lot 76 DP 12298

hereby certify that I(~~we~~) have inspected Plan No. 101 R4

Sheet No. 1

showing how the drain will affect my(~~our~~) property, and on the condition that after completion the property is left in at least the same condition as found, before commencement, I(~~we~~) have no objection to the proposal.


SIGNED

SIGNED


WITNESSED

WITNESSED

Dated this 30th day of June 1980.

IN THE MATTER OF THE TOWN & COUNTRY
PLANNING ACT 1977 AND AN APPLICATION
UNDER SECTION 72 OF THAT ACT FOR
CONSENT TO A CONDITIONAL USE

NAME OF APPLICANT: Joseph Robinson

DETAILS OF APPLICATION: Approval to erect garage in Residential
A Zone which exceeds permitted maximum
floor area

LOCATION: Lot 76 DP 12298 - 6 Allen Road

ZONING: Residential A

DATE OF APPLICATION: 7 April 1986

DATE OF HEARING: 8 May 1986

PRESENT: Crs J R Beldham (Chairman)
G W A Perks
S J Welch

IN ATTENDANCE: W R Pearson (Borough Planning Officer)
S J Hallam (Planning & Subdivisions
Officer)

DATE CONSIDERED: 8 May 1986

DECISION OF COMMITTEE: CONSIDERATIONS

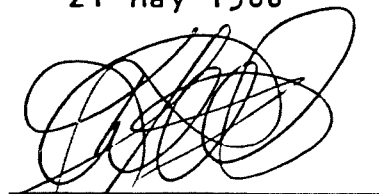
1. The building will not detract from the neighbourhood.
2. There were no objections to the proposal.
3. The proposal is not contrary to the public interest.

RESOLVED (Beldham/Welch)

That the Kapiti Borough Council pursuant to Section 72 of the Town & Country Planning Act 1977 hereby grants consent to Joseph Robinson to erect an accessory building which exceeds the maximum area permitted, on Lot 76 DP 12298 to Allen Road subject to the following conditions:-

1. The building is not to exceed 64.8 square metres.
2. A building permit is obtained.

Approved by Council
21 May 1986



K J Little
TOWN CLERK

204 MATAI ROAD
RAUMATI BEACH
TEL. (058) 71-136

MM DEVELOPMENTS

P.O. BOX 91 — PARAPARAUMU

Kapiti Coast District Council,
Rimu Road,
Paraparaumu.

9th May 1990

Attention: The Building Inspector.

Dear Sir,

MR.J.ROBINSON, 300 ROSETTA ROAD, RAUMATI.

Please find attached the plans, Design Certificate and calculations for the foundations for the dwelling presently under construction at the above address.

Should you require any further information please contact the writer.

Yours faithfully,
MMDEVELOPMENTS.


M.B. McEntegart



Received 10/5/90

DESIGN CERTIFICATE

I, **Michael Bernard McEntegart**, being registered under the provisions of the Engineers Registration Act 1924 and currently holding an Annual Practicing Certificate hereby certify that I have personally supervised the design of items from the job titled MR. J. ROBINSON, 300 ROSETTA RD, RAUMATI. as shown on Drawing No. 1026 sheets 1 → 3 incl.

I certify they have been designed in accordance with sound and widely accepted engineering principles and that they comply with the relevant requirements of NZS 4203, NZS 3101

Signature Michael Bernard McEntegart Professional Qualifications B.Sc. MIPENZ
Certificate Number 3062

For and behalf of **MMDEVELOPMENTS.**

Date 9/5/90

MMDEVELOPMENTS.

P.O.Box 91

Paraparaumu

PROJECT:

1026

Site Tests

NAME:

J.Robinson

ADDRESS:

300 Rosetta Road,
Raumati.

PENETROMETER TESTS.

Blows per 100mm

LEVEL (mm)

DEPTH (mm)	P1	P2	P3	P4	P5	P6
0	—	—	—	—		
100	—	—	—	—		
200	—	—	—	—		
300	—	—	—	—		
400	3	2	2	2		
500	3	2	3	2		
600	3	1	4	3		
700	3	2	2	1		
800	3	2	1	1		
900	3	3	1	1		
1000	3	3	1	—		
1100	4	2	1	—		
1200	3	3	1	1		
1300	3	3	1	—		
1400	3		1	1		
1500			1	1		
1600			1	2		
1700			1	2		
1800			2	3		
1900			3	2		
2000			4	3		
2100			4	1		
2200			4	2		
2300			2	2		
2400			3	2		
2500			1	3		
2600			1	5		
2700			1	3		
2800			1			
2900						
3000						

M.B. McEntegart
B.Sc. Reg. Eng.

MMDEVELOPMENTS.

P.O.Box 91.,

Paraparaumu.

M.B. McEntegart.

B.Sc. Reg. Eng.

CALCULATION SHEET.P. 1026 MR. J. ROBINSON, 300 ROSETTA RD., RANMATI.

PROPOSED HOUSE ON SOFT GROUND, PILING WILL BE REQUIRED. PREFERRED CHOICE THINAPILES, DRIVEN TO 3000 mm ACHIEVING SET OF 10/BLOWS PER 250 mm.

WALL LOADINGS.

REAR WALL (E)

			ULT
WALL	$= 7.3 \times 5.0 \times 0.4$	$= 14.6 \text{ kN}$	$\times 1.4 = 20.4$
FLOOR vs DL	$= \frac{4.0}{2} \times 7.3 \times 0.4$	$= 5.8 \text{ kN}$	$\times 1.4 = 8.1$
LL	$= \frac{4.0}{2} \times 7.3 \times 1.5$	$= 21.9 \text{ kN}$	$\times 1.7 = 37.2$
KDN. DL	$= 7.3 \times 0.3 \times 0.4 \times 20$	$= 17.5 \text{ kN}$	$\times 1.4 = 24.5$
	$= 7.3 \times 0.4 \times 0.2 \times 18$	$= 10.5 \text{ kN}$	$\times 1.4 = 14.7$
		<u>70.3 kN</u>	<u>104.9 kN</u>

SPAN BETWEEN PILES = 2.4

LOAD / PILE = 231 kN OK.

MOMENT (U) = $\frac{34.5 \times 2.4}{8} = 10.34 \text{ kN.m}$

$\frac{M}{bd^2} = \frac{10.34 \times 10^6}{300 \times 325^2} = 0.326 \quad \rho = 0.0025$

$A_{st} = 300 \times 325 \times 0.0025 = 243 \text{ mm}^2$

USE 2/DIG TOP & BOTTOM
TIES R10 @ 250 c/c.

NORTH WALL. (JOISTS BEARING ON EXTERIOR).
LOADS / METRE.

			ULT
WALL	$= 5 \times 0.4 = 2$	$\times 1.4 = 2.8 \text{ kN}$	
FLOOR vs DL	$= 3\frac{1}{2} \times 0.4 = 0.8$	$\times 1.4 = 1.0 \text{ kN}$	
LL	$= 3\frac{1}{2} \times 1.5 = 2.8$	$\times 1.7 = 4.7 \text{ kN}$	
Roof	$= 10\frac{1}{2} \times 0.4 = 2.0$	$\times 1.4 = 2.8 \text{ kN}$	
KDN	$= 0.3 \times 0.4 \times 20 = 2.4$	$\times 1.4 = 3.4 \text{ kN}$	
	$= 0.4 \times 0.2 \times 18 = 1.4$	$\times 1.4 = 2.0 \text{ kN}$	
		<u>11.4</u>	<u>16.7 kN</u>

PILES @ 2500 CENTRES.
LOAD / PILE = 28.5 kN.

$$M_u = \frac{16.7 \times 2.5^2}{8} = 13.0 \text{ kN.m.}$$

$$\frac{M}{bd^2} = \frac{13.0 \times 10^6}{300 \times 325^2} = 0.41 \quad \rho = 0.0025.$$

$$A_{st} = 300 \times 325 \times 0.0025 = 243 \text{ mm}^2$$

use 2/16 TOP & BOTTOM R10 @ 250 c/c.

WEST WALL (BRICK VENEER) LENGTH 5.4

LOADING

$$\begin{aligned} \text{WALL } D/S &= 2.5 \times 5.4 \times 0.4 = 5.4 \times 1.4 = 7.6 \text{ kN.} \\ D/S &= 2.5 \times 5.4 \times 0.1 \times 20 = 27.0 \times 1.4 = 37.8 \text{ kN.} \end{aligned}$$

$$F_{\text{ROOF } u} = \frac{5.2}{2} \times 5.4 \times 0.4 = 5.6 \times 1.4 = 7.8 \text{ kN.}$$

$$LL = \frac{5.2}{2} \times 5.4 \times 1.5 = 21.0 \times 1.7 = 35.7 \text{ kN.}$$

$$\begin{aligned} F_{\text{DN}} &= 5.4 \times 0.3 \times 0.4 \times 20 = 9.7 \times 1.4 = 13.6 \text{ kN.} \\ &= 5.4 \times 0.4 \times 0.2 \times 18 = \frac{7.8}{76.5} \times 1.4 = \frac{10.9}{113.4} \text{ kN.} \end{aligned}$$

PILES @ 2.6 m CENTRES.

LOAD / PILE = 37.54 kN. OK

$$M_{\text{ult}} = \frac{21 \times 2.6^2}{8} = 17.7 \text{ kN.m.}$$

$$\frac{M}{bd^2} = \frac{17.7 \times 10^6}{300 \times 325^2} = 0.56 \quad \rho = 0.003.$$

$$A_{st} = 0.003 \times 300 \times 325 = 292 \text{ mm}^2$$

use 2/16 TOP & BOTTOM R10 @ 250 c/c.

PILE DRIVING: DARLINGTON RIG.
360 kg HAMMER FALLING 1000 mm.

SETS ACHIEVED BETWEEN 8 & 15 mm PER Blow.

$$\text{SETTLEMENT LOAD} = \frac{WHen}{1 + qcn} + w + P.$$

$$W = 3.6 \text{ kN.}$$

$$H = 1000 \text{ mm}$$

$$e = 0.69 \text{ efficiency}$$

$$n = \frac{1}{15} = 0.06$$

$$c = 0.13.$$

$$P = 0.5 + 0.6 = 1.1.$$

$$S_L = \frac{3.6 \times 1000 \times 0.69 \times 0.06}{1 + 25.4 \times 0.13 \times 0.06} + 3.6 + 1.1.$$

$$= 128.9 \text{ kN.}$$

$$\text{SAFE LOAD} = 64.45 \text{ kN OK.}$$

CHECK FOUNDATION BEAM JUNCTIONS

Rumpus Room / CENTRAL INTERNAL.

Rumpus Room LOADING.

		ULT.
INT WALL	$= 2.4 \times 2.4 \times 0.4 = 2.3$	$\times 1.4 = 3.2 \text{ kN}$
FLOOR US DL	$= \frac{4.2}{2} \times 2.4 \times 0.4 = 2.0$	$\times 1.4 = 2.8 \text{ kN}$
US LL	$= \frac{4.2}{2} \times 2.4 \times 1.5 = 7.6$	$\times 1.7 = 12.8 \text{ kN}$
FOUNDATION	$= 0.3 \times 0.4 \times 2.4 \times 20 = 5.8$	$\times 1.4 = 8.0 \text{ kN}$
	$= 0.4 \times 0.2 \times 2.4 \times 18 = 3.5$	$\times 1.4 = 4.8 \text{ kN}$
	<u>Udl</u> 21.2	<u>31.6 kN.</u>

POINT LOAD FROM CENTRAL FOUNDATION.

INT WALL	$= \frac{1.6}{2} \times 2.4 \times 0.4 = 0.8$	$\times 1.4 = 1.0 \text{ kN}$
FLOOR US DL	$= \frac{1.6}{2} \times \frac{7.2}{2} \times 0.4 = 1.2$	$\times 1.4 = 1.6 \text{ kN}$
LL	$= \frac{1.6}{2} \times \frac{7.2}{2} \times 1.5 = 4.3$	$\times 1.7 = 7.3 \text{ kN}$
Fdn	$= 0.3 \times 0.4 \times \frac{1.6}{2} \times 20 = 1.9$	$\times 1.4 = 2.7 \text{ kN}$
	$= 0.4 \times 0.2 \times \frac{1.6}{2} \times 20 = 1.3$	$\times 1.4 = 1.8 \text{ kN}$
	<u>9.5.</u>	<u>14.4 kN.</u>

P. 1026. MR. J. ROBINSON: 300 ROSETTA ROAD, RAVMATI (4)

INCREASED LOAD ON PILES 4.75 kN OK.

BEAM MOMENT. $M = \frac{wL^2}{8} + \frac{PL}{4}$

$$= \frac{31.6 \times 2.4^2}{8} + \frac{14.4 \times 2.4}{4} = 18.1 \text{ kN.m.}$$

$$M/bd^2 = \frac{18.1 \times 10^6}{300 \times 325^2} = 0.57 \quad \rho = 0.0025.$$

$$A_{st} = 0.0025 \times 300 \times 325 = 243 \text{ mm}^2.$$

use 2/16 top & bottom

MMDEVELOPMENTS.
P.O.Box 91.,
Paraparaumu.

M.B. McEntegart
B.Sc. Reg. Eng.

CALCULATION SHEET.

P. 9137 MR. J. ROBINSON, 300 ROSETTA RD, RANMAT.

1) GARAGE FOUNDATIONS.

COUNCIL SEWER LINE VERY CLOSE TO GARAGE WALL. APPROXIMATE DEPTH IS 1500 BELOW EXISTING GROUND.

PILE FOUNDATIONS TO A MINIMUM DEPTH OF 2000 MM TO REMOVE HOUSE LOAD FROM SEWER.

LOADS.

$$\text{ROOF. } 5 \times \frac{4.3}{2} \times 0.4 = 4.3 \text{ kn.}$$

$$\text{WALL U/S } 2.4 \times \frac{4.3}{2} \times 0.4 = 2.0 \text{ kn.}$$

$$\text{WALL G/F } 2.4 \times 6.4 \times 0.4 = 6.1 \text{ kn.}$$

$$\text{DECK DL } 2.0 \times 6.4 \times 0.4 = 5.1 \text{ kn.}$$

$$\text{LL } 2.0 \times 6.4 \times 2.0 = 25.0 \text{ kn}$$

$$\underline{42.5 \text{ kn.}}$$

$$\begin{aligned} \text{FOR SOLID GROUND} & 100 \text{ kn/m}^2 \\ \text{BEARING REQD} & = 0.425 \text{ m}^2 \\ \text{USE 300 \phi \text{ PILES}} & N_b = 6. \end{aligned}$$

USE 400 X 300 BEAM.

$$M = \frac{(1.4 \times 17.5 + 2.7 \times 25) \times 1}{8} = 8.37 \text{ kn.m.}$$

$$\frac{M}{bd^2} = \frac{8.37 \times 10^6}{300 \times 325^2} = 0.264 \text{ USE min steel. } A_{se} = 0.0025 \times 300 \times 325 = 243 \text{ mm}^2.$$

USE 2/12 TOP & BOTTOM.

2) LOAD BEARING JOISTS.

JOISTS ACROSS GARAGE SUPPORTING
EXTERIOR WALL AND ROOF.

HT OF WALL	2.4 m.
ROOF S	5.
LIGHT ROOF	
JOIST SPAN	3.6 m.
$\frac{X}{L}$	0.5.

USE BRANZ TELH REC No.3.

FROM TABLE 1.

LOAD GROUP K.

FROM TABLE 2.

JOIST GROUP. 17

FROM TABLE 3.

JOIST SIZE 250x50 @ 600cs.

OR 225x50 @ 400cs.

USE 250x50 @ 400 AND NOTCH DOWN
25 mm TO PROVIDE DROP TO DECK.



CONCRETE VEHICLE CROSSING APPLICATION FORM

General Manager
Kapiti Coast District Council
Private Bag
PARAPARAUMU

I hereby apply to have Council install a vehicle crossing fronting the property at:

300 ROSETTA RD RAUMATI SEACH
(House No.) (Street Name) (Ward)

being Lot 76 D.P. 12298, located as indicated below. (Give dimensions*)

Owners Name: J. T. ROBINSON

Address (If different to above): 6 ALLEN RD.
RAUMATI.

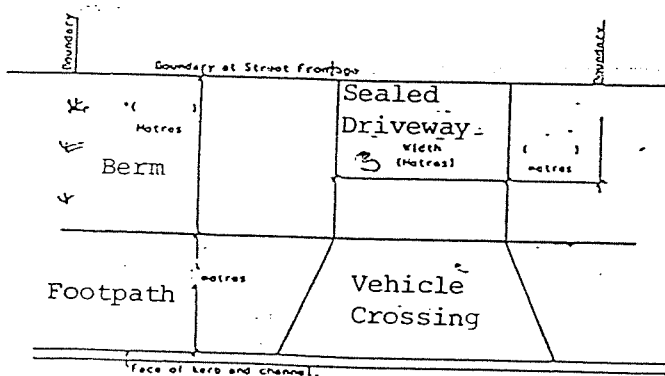
Telephone (Home): 85486 (Business): —

I enclose payment of \$ 800-00 in accordance with the attached schedule.

Residential Type: FOR TWO CROSSINGS ~~OR Heavy Duty~~ Width: 3 metres
(Delete One)

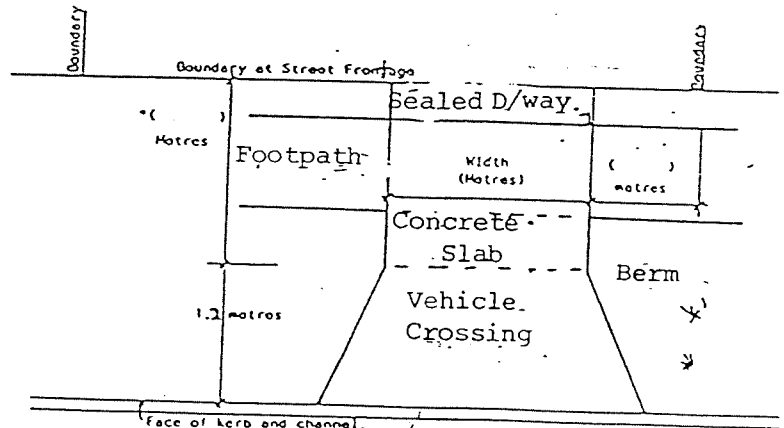
Signed: J. Robinson Date: 4-9-90 Receipt No: —

Proposed Location of Vehicle Crossing to Property Boundaries



ROADWAY

TYPE A Crossing



ROADWAY

TYPE B or C Crossing

FOR OFFICE USE ONLY

Account No: 1958 Date: 5-9-90 Receipt No: 114571 Date: 5-9-90

Fees: (Inclusive of GST)

Kerb Crossing
Removal -
Exist Repairs

Total

\$		8	0	0			
\$							
\$							
\$		8	0	0			

Order No: 705

Refund: —

Checked: —

Date: —

204 MATAI ROAD
RAUMATI BEACH
TEL. (058) 71-136

MM DEVELOPMENTS

P.O. BOX 91 — PARAPARAUMU

Kapiti Coast District Council,
Rimu Road,
Paraparaumu.

19th December 1989

Attention: The Building Inspector.

Dear Sir,

Mr.J.Robinson, 300 Rosetta Road, Raumati.

Please find attached foundation details for the garage wall
at the above address.

The building line is very close to the Council sewer main,
it will be necessary to take the foundations below the invert
level of the sewer.

Yours faithfully,
MMMDEVELOPMENTS.



M.B.McEntegart.

B.Sc. MIPENZ.

OWNER J ROBINSON. LOT 76 DP 12298
 PROPERTY ADDRESS 6 ALLEN RD RAUMATI BEACH DATE REC'D 26-10-89

TYPE OF BLDG Dwelling ☒ Retail ☐ Addition ☐ Accessory ☐
 New ☒ Industrial ☐ Alteration ☐ Other ☐

		COMMENTS	CHECKED	DATE
TOWN PLANNING	ZONING <u>Res. A</u> Conforms with Scheme Yes/No Dispensation Granted Yes/No Planning Consent Granted Yes/No			
Subdivisional	Caveats Easements Bldg Site Prepared Copy of DP Attached Yes/No			
ENGINEERING	ACCESS - Crossing Required/Existing STORMWATER - To Channel To Drain Confined to Lot FOOTPATH CONDITION DAMAGE DEPOSIT Required Yes/No SPECIAL FLOOR LEVEL Required Yes/No EARTHWORKS BYLAW Special Conditions OTHER			
STRUCTURAL	Special Foundation Req'd Design Certificate			
PLUMBING	Requirements			
DRAINAGE	Requirements			
EGRESS	Req'd for Handicapped and NZS 4121			
BUILDING	Requirements	<u>Letter Sent 30/10/89</u>		
General				
Commercial				

OWNER

ROBINSON

LOT

76

DP

12298

PROPERTY ADDRESS

300 ROSITA RD

DATE REC'D

20-12-89

TYPE OF BLDG

Dwelling ☒
New ☒Retail ☐
Industrial ☐Addition ☐
Alteration ☐Accessory ☐
Other ☐

COMMENTS

CHECKED

DATE

TOWN PLANNING

ZONING

Residential A

Conforms with

Scheme Yes/No

Dispensation

Granted Yes/No

Planning Con-

sent Granted Yes/No

OK

MLC

3/1/90

Subdivisional

Caveats

Easements

Bldg Site Prepared

Copy of DP

Attached Yes/No

ENGINEERING

ACCESS - Crossing

Required/Existing

STORMWATER -

To Channel

To Drain

Confined to Lot

FOOTPATH CONDITION

DAMAGE DEPOSIT

Required Yes/No

SPECIAL FLOOR LEVEL

Required Yes/No

EARTHWORKS BYLAW

Special Conditions

OTHER

SEAL AVERAGE

2/12/89

STRUCTURAL

Special Foundation Req'd
Design Certificate

PLUMBING

Requirements

Note on Plan

MLC 8/1/90

DRAINAGE

Requirements

Note on Plan

MLC 8/1/90

EGRESS

Req'd for Handicapped
and NZS 4121

BUILDING

Requirements

Note on Plans

MLC 8/1/90

General

Commercial

LAND INFORMATION MEMORANDUM

DATA COLLECTION FORM

Property Address	(Number and street)	300 Rosetta Rd.
Legal Description	(Lot and DP number)	Lot 76, DP 12298
	(Section/Town/SD)	
Valuation Role Reference		1528216600
Zoning	(Zone Name)	Res A
Planning Consent	(Yes, file number)	
Building Restrictions		
Coastal	A. Building Restriction Line	
	B. Relocatable Zone	
Height	A. Aerodrome	
	B. Other	
Flood Risk/Other		
Building Platform	(Yes/No/Uncertain)	
Easements	(Yes/None Known)	
Public Drain	(Yes/No)	
Common Private Drain	(Yes/-)	
Public Utility	(Yes/No)	
Sewer Available	(Yes/No)	Yes
Sewer Connected	(Yes/No)	Yes
Water Available	(Yes/No)	Yes
Water Connected	(Yes/No)	Yes
Natural Gas Available	(Yes/No)	
Natural Gas Connected	(Yes/No)	
Electricity Available	(Yes/No)	
Electricity Connected	(Yes/No)	

EXISTING

BUILDINGS	Date Permit Issued	Type	Area
1.	8/8/46 4-301	Tool Shed	
2.	10/9/48 5489	garage + Workshop	
3.	12/6/86 33930	Double Garage, Workshop	648 sq. ft.
4.	10/1/90 18825	New Dwelling	2136 sq. ft.
5.			
6.			

DISPENSATION GRANTED

SPECIAL FACTORS

ELECTRICIAN

GENERAL: All installations shall be made in a sound safe practical and workmanlike manner conforming with modern practice in accordance with the Wiring Regulations 1961 and to the satisfaction of the Local Authority. All switches and plugs shall be flush type and all cables shall be C.M.A. brand or similar approved. Internal fuse board where required by the Authority.

LIGHTS: Provide light points with lamps at positions to be arranged and provide 100 watt lamps in the living and dining areas and 60 watt lamps in all other areas.

POWER: Provide power points at positions to be arranged. Make connections to hot water cylinder and stove.

COOKER: Provide and fix electric stove to Contractors instructions.

PAINTER & PAPERHANGER

EXTERIOR WORK: Prime all exterior exposed woodwork with approved primer. Follow with one undercoat. Finish with a first quality exterior high gloss in owners colour scheme restricted to two shades. Fibrolite soffit and walls to be given two coats P.V.A. paint. Painting of corrugated iron roof and fibrolite base is not included in the contract. Fibrolite weatherboards to receive two coats Acrylic only. Block or brick bases will NOT be painted. Exposed subfloor beams and poles will not be painted. Tanalised timber need not be painted stained or oiled. Painting (or staining) of verandah posts and timber decking is not included in the contract. Picking out of colours or work considered by the painter to be beyond normal standard will be subject to extra charges as agreed between the owner and the Contractor before work is carried out.

INTERIOR WORK: Where applicable painting of ceilings and scotia shall be with two coats ready-mixed approved matt finish. Prime interior work to windows, undercoat and top coat with approved brand. All interior finishing lines except scotia shall be undercoated and top coated. Where exposed beams or rafters are involved, these shall be stained with a water based stain only. WHERE THE OWNERS COLOUR SCHEME EXCEED TWO COLOURS TO A ROOM OR IS CONSIDERED BY THE CONTRACTOR TO BE BEYOND NORMAL STANDARD, EXTRA MAY BE CHARGED as agreed between the owner and the contractor before work is started. Where applicable tinted ceilings are subject to extra charges. Painting interior of cupboards is not included in the contract. All interior hollow core doors to be painted. All Exposed Beams and Rafters will be stained in dark Water Based Acrylic. Textured ceilings, which is Contractors standard finish, will not be painted. Textured ceilings are included as part of Painting and decorating contract. Stain or other finish on timber floors is not included in the contract.

PAPER ALL WALLS: Paper all walls with papers P.C. value \$ per standard roll, to be selected by the owner. Hang papers plumb and in full lengths with butt joints. Excess of P.C. sum shall be payable direct to the Contractor prior to commencement of paper hanging. The painter retains the right not to hang papers that he feels will not finish to the Contractors standard.

ALUMINIUM GLAZING

ALUMINIUM GLAZING: All glazing to aluminium joinery to be carried out in compliance with manufactures specifications.

DRAINLAYERS

SEWER CONNECTION: Arrange with the Local Authority to lay sewer connection. Drains shall be laid in straight lines and to even gradients, properly cleaned out as the work proceeds. Fix 100mm gulley traps to take wastes, and 100mm bends to take soil pipe, terminal vents etc. Position of drains may be altered from the Site Plan either by the Plumbing or Drainage Contractor at their sole discretion.

STORMWATER DRAINS: Fix 100mm P.V.C. Stormwater bends to each downpipe and lead to connection if available, or soakage system clear of the house site as required by the Local Authority. The whole of the drainage work shall be carried out in accordance with the By-laws of the Local Authority and to the satisfaction of its inspectors. Position of drains may be altered from Site Plan either by the Plumbing or Drainage Contractor at their sole discretion.

BOUNDARY DRAINS: All boundary draining or ring draining for irrigation of site required by the Local Authority Inspector or Lending Institution is the responsibility of the owner and will be provided by the owner at his expense.

SEPTIC TANK: Where town sewerage is not available allow to provide a septic tank, constructed and situated to Local Body requirements. Lay sewer drains from gully traps and W.C. to this tank. From septic tank take effluent to soak hole. All drainage work to comply with Health Regulations.



SPECIFICATION

WORK TO BE DONE AND MATERIAL TO BE EMPLOYED IN THE ERECTION OF A RESIDENCE

PRELIMINARY & GENERAL

CONTRACT: This includes the supply and delivery of all materials, labour, fittings, tools, plant, etc., necessary for the due and proper completion of the building as shown on the plans and herein specified. Underground power shall be provided where required by the local By-laws and is covered by the P.C. Sum.

PERMITS: Contractor to comply with Labour and Building By-laws of the district to apply for and obtain specific building permit and pay for the same. (Kerb crossing and water toby excluded). This clause shall not apply to the payment of inspections, valuations by the lending institutions (if any) in respect of progress payments, fee for dispensations or specified departures.

WATER: The contractor will be responsible where reticulation is available for getting water laid on to a section by making application to Local Body and paying all fees, excluding water connection.

SITE & ACCESS: The purchaser/owner will be responsible for ensuring that the section is fully pegged with pegs correctly numbered and flagged. The purchaser/owner will be responsible for clearing excess vegetation from the building site and will provide suitable access to the section and building site for vehicles of the builder and various sub-trades.

PROVIDE AND FIX: Shall be construed to mean 'provide and fix' where used separately unless otherwise specified.

INSURANCE: The contractor shall insure their own workmen employers and materials used on the contract by taking out a Contractors All Risk Policy. This policy is to remain in force until the Contractor has handed over to the owner.

INTERPRETATION: Workmanship shown on plans or otherwise specified and not shown must be applied as though both shown and specified or alternatively constructed to accepted trade practice. Materials shown but not specified must be of the kind commonly employed for the service it is intended to perform. All figure dimensions shall be taken in preference to those scaled and all detail drawings shall supercede those of a smaller scale. This specification is to be read in conjunction with the accompanying drawings and to be followed in conjunction with the NZS 3604, NZS 1900 and Common Trade Practices.

CLEARING: All trades shall remove their trade waste from the house on completion of their work and place on site in a neat stack.

MAINTENANCE: The maintenance period shall be thirty (30) days after possession is granted. The purchaser will notify the Contractor in writing of any defects or faults which appear within 30 days (and give the contractor a signed clearance when all items are rectified). If no such written notice is received within the 30 day period it shall be construed that no maintenance is required and the Contractor is cleared.

MATERIALS: In the event of any materials specified herein not being procurable at the time it is required, such materials may be substituted with other similar materials provided that the other materials conform to the Local By-laws, any additional cost will be at the expense of the employer. The right of substitution shall be at the sole discretion of the Contractor and this decision will be final.

INSULATION: Insulate in accordance with NZS 4218P, NZS 4214 and Branch Paper C1 1978. Bats or Rockwool to outer wall, unifoil underfloor, Bats, Rockwool or insulluf to ceilings. The Contractor reserves the right to substitute materials of equivalent thermal value as and when deemed necessary without notification or consultation.

EXCAVATION: Excavate for all pipes, walls and other foundations as shown on drawings to the minimum depth as specified in NZS 3604 or to good solid bearing. Step as necessary for falls in ground and leave bottom of trenches level and consolidated. Backfill all foundation excavation at completion. Where extra foundation work is required by the owner, the Lending Institution or Local Body because of any peculiarity of the section such as excess rock, loose filling, unstable subsoil or hidden subsidence etc., such work shall be carried out charged as an extra on labour and materials plus 10%. Where excavation is carried out to provide a basement, as Contractor is excavating at request of owner, the owner will accept full responsibility for any claim arising through subsidence, water damage or any like contingency in owner's or adjoining property. Spoil from excavations shall be placed on the section at the Contractors discretion and disposal of same is full responsibility of owner. The Contractor accepts no responsibility for Foundation difficulties relating to soil structure.

P.C. SUMS: All prime costs sums inserted on amounts to cover supply and installation of certain materials or items are strictly nett and shall be charged at cost plus 10%.

CARPENTER AND JOINER

TIMBER: All timber up to flooring and all exterior timbers shall be timber treated by an approved process. All Timber shall be graded according to NZSS 169, 3rd revision.

PLACED TIMBER PILES: This specification refers specifically to timber piles having a minimum diameter of 140mm or 125mm sq. The piles shall not exceed a maximum height of 3000mm above finished ground or floor level.

TIMBER PILES: Timber piles shall be straight, natural rounds or square free from decay with all outer bark removed, treated with preservative to T.P.A.S. (C1 (b)). The minimum depth of the pile shall not be less than 140mm. Where piles have been cut after treatment the cut end shall not be embedded in the ground. Cut and notched surfaces (above ground level) shall be coated with a mixture of 5% copper naphthanate, creosote or pentachlorophenal and 95% light petroleum solvent applied liberally by brush. Enseal or equivalent proprietary brands are acceptable.

EMBEDMENT OF PILES: All piles shall be embeded to the minimum depth as specified in N.Z.S. 3604 or to firm solid bearing. Piles shall be placed on a 100mm punch pad of concrete with a compressive strength at 28 days of not less than 17.5 MPa. Piles shall be laid out in as straight a row as possible with the top of the pile within a tolerance of 10mm from a staight line in the direction of the bearer. Piles shall be placed plumb within tolerance of 15mm in 1000mm from the vertical.

BRACING TO PILES: (Where required) Diagonal timber bracing shall be fixed to the timber piles on exterior wall lines and on lines at no more than 5000mm centres in two directions at right angles. Where bracing is required the minimum number shall be four in each direction at right angles placed at the extremities of the dwelling. Additional bracing shall be as indicated on the attached drawings. (Foundation Plan and Detail). Braces shall be No.1 framing grade in one continous length fixed with 12mm hot dipped galvanised bolts and washers. Braces shall be 100mm x 75mm for braces up to 3000 long and 100mm x 100mm for braces up to 5000 long. The lower end of the brace shall not be closer than 150mm to the finished ground level or more than 300 above the finished ground level. The upper end of the brace shall be attached either to a floor joist with the fixing placed within 200mm of the centre line of the bearer or to the bearer within 200mm of the centre line of the pole. (see Detail). No braces shall be steeper than 45deg. to the horizontal and if possible of alternate slope. No more than one brace in each bracing line shall be fixed to any pole. (Two braces at right may be fixed to a single pole). Where corners are braced the upper end of the braces shall be at the corner. All bolts, nuts and washers and other connections used, whether exposed to or protected from the weather, shall be hot dipped galvanised. Bolts shall be protected by smearing with grease or pitch. Where bracing piles are indicated on the drawings these shall have the bottom of the brace attached to them. (NOTE: Senton Saw House Piles may be subsituted for 140mm natural round piles).

BASE LINING: Unless otherwise shown shall be lined with 6mm flat Hardiflex fixed in accordance with the Manufacturers specifica-tion. Base framing shall be fixed on to 75mm x 50mm or 100mm x 50mm framing fixed horizontally at 500mm centre and vertical 75mm x 50mm nogs at 600mm centres. Any check outs required to keep base true shall be taken from the framing not the piles.

OR: Two only 150mm x 25mm rough sawn timber fixed horizontally at approximately 20mm spacings, 100mm clear of ground on a level section.

FRAMING: Frame floors with floor joists at nominated centres with nogs and strutting as required under N.Z.S. 3604. Frame walls and partitions and provide sheet braces or angle braces at approximately 45deg. where required. Fix rows of nogging at each lined wall and elsewhere as required for fixing. Frame for roof as shown on drawings in compliance with good trade practice. Truss roof shall be framed to Manufacturers specification with 150mm x 40mm plate on top of top plate. Form soffits as on drawings line ,under with flat asbestos sheets housed into fascia board.

EXTERIOR SHEATHING: Sheathing will consist of fibroplanks fixed to Manufacturers instructions, or alternative materials as specied on plans or in the Addendum.

HARDIFLEX: Where indicated shall be fixed to Manufacturers specification.

FLOORING: To be high density flooring grade particleboard. On completion of all trades clean off with one cut of machine sanding. Except where Contractor is not required to undertake interior painting and decorating.

CEILING FRAMING: (a) Truss Roof: Double skew nail 75mm x 40mm boric treated strapping to bottom cords of trusses at 500mm centres for fibrous ceiling, 400mm centres for spray textured gib board of 400mm centres for painted gib board. (b) Sloping ceiling for Framed Roof: Where ceilings are fixed to rafters exceeding 500mm centres, nogging or strapping shall be fixed in accordance with the ceiling maufacturers specification.

WALL LININGS: Wall to be lined with 9.5mm flush jointed Gib Board sheets. All sheets to be nailed or glued. Alternatively prefabri-cated purpose made partitions may be used. All stopping to be done with good quality Plaster of Paris by skilled tradesman. Where alternative linings are used they shall be fixed in accordance with manufacturers specification.

DOORS: External timber doors shall be as indicated on drawings hung with 1 1/2 pairs 100mm butt hinges. Internal doors shall be hollow core of approved make, hung with 1 1/2 pairs 89mm loose pin A.C. butt hinges. Interior doors not already prefinished shall be suitable for painting only. Non-standard doors eg: louvre or aluminium, shall be fixed in accordance with the maufacturers specifica-tions. Aluminium external doors may be substituted for timber where and when required at the sole discretion of the builder.

ALUMINIUM JOINERY: Shall be of approved make. Opening sashes to have friction stays and approved catches fixed according to manufacturers specification.

KITCHEN FITTINGS: To be of builders standard design placed as shown on plan. Provide toe space to all fittings. Dresser of buffet top to be finished in formica or laminex.

SINK TOPS: To be formica top or stainless steel at Contractors discretion. Form cupboards as on plan under with one full width full length shelf and doors with toe space at floor.

WARDROBE - COAT CUPBOARDS ETC: Frame wardrobes, linen, coat, etc. as shown with linings as previously specified 19mm shelf and hanger rods in coats and each wardrobe. Linen, coats and H.W.C. will not be decorated.

INTERIOR FINISHING: Fix skirting to all walls. Fix scotia cornices to all ceilings. . Architraves may be substituted for Rebated jambs where applicable.

HARDWARE: Hardware to be installed by the Contractor - Locks, butt hinges, and screws for doors and fittings for sashes.

TUB CABINET: Provide cupboard under tub.

ACCESS TO CEILING: Provide access to ceiling. (Where applicable).

ACCESS TO BASEMENT: Provide base door and frame for access. (Where applicable).

STEPS: Temporary steps will be provided as shown on the plan except where paving is part of the contract.

GABLE FINISHING: Finish eaves and gable ends as indicated on plans. Fixed in accordance with maufacturers specifications.

ROOFER

GENERAL: Fix roof as indicated on drawings. All roofs shall be fixed by contractors. Pitch of roof shall be as indicated with minimum of 17 1/2 deg. for concrete tiles, 10 deg for corrugated iron, and 10deg for metal tile roofs.

GALVANISED IRON: Fix .45mm corrugated iron roofing complete with all ridges, hips and barge roof 225mm end laps and 1 1/2 corrugations side laps. Fix roof with lead headed or other approved roofing nails at top and bottom of sheets and at intermediate purlins. Fix lead edge ridging beaten well down into corrugations and 1500 end laps and ridge caps. Provide under iron approved building paper underlay supported on galvanised wire netting or galvanised strand wire at the Contractors sole discretion.

STONECHIP TILE: Fixed to manufacturers specifications.

TILE ROOFS: Monier or Roscrete: Fix tile roof with main slope set out in complete courses with not less than 75mm end lap and in straight vertical and horizontal lines. All concrete tiles shall be in colour to be selected by the contractor.

PLUMBING

FLASHINGS: Flash as necessary to render building watertight. All flashings shall accurately fit the work and shall be machine bent and cut in as long lengths as possible with all joints well lapped and fixed with 18mm flat head galvanised nails.

VENT AND SOIL STACK: Vent pipes shall be approved rigid P.V.C. for total length. Secure P.V.C. with galvanised or P.V.C. stand-off clips.

WASTES: Join W.C. pan to drain above the level of the floor, as for normal Plumbing practice, which will provide a non-rigid gas tight joint. All wastes shall be either screwed galvanised iron, P.V.C., or copper pipes, with polypropylene traps and cleaning eyes. Bath and wash tub wastes shall be 38mm diameter. Sink wastes shall not be less than 38mm diameter. Where waste pipes terminate this will determine position of drainage gulley traps not necessarily as indicated on site plan.

COLD WATER SUPPLY: Lay cold water supply from point in ²⁰15mm P.V.C. ~~15mm copper~~ ²⁰or 15mm polybutylene pipe buried not less than 300mm take 15mm branches to bath, sink, and each compartment of wash tubs, W.C. flushing cisterns and to one exterior hose tap.

HOT WATER SUPPLY: Lagg 15mm copper, or polybutylene pipe to sink also provide lagged exhaust pipe between cylinder and ceiling where relief valves are not fitted. Provide and fix 180 litre electric hot water cylinder of approved type and manufacture, complete with lagging where necessary. Connect copper or polybutylene expansion pipe, 15mm diameter copper or polybutylene sludge pipe with screwed cap and 15mm copper or polybutylene branches to sink, tubs, basin and bath.

TAPS: Taps and extensions, except stop cocks, to be as per builders standard range.

SANITARY FITTINGS: Fit plastic bath, Formica vanity top with plastic bowl on Contractors standard carcass. Fit rubber plugs and plastic gratings to all fittings. Fix white glazed earthenware W.C. Pan and fit double flap plastic seat and low-down flushing cistern of approved manufacture. Fix single stainless steel tub in laundry according to plan with hot and cold tap over.

SPOUTING: To be approved P.V.C. type supported on brackets to manufacturers instructions and given evenly graded falls to downpipe outlets.

Inspector: M. _____ File No. _____

Receipt No. 67157

Date Permit Issued 16/1/90

OWNER	
Name	<u>J. ROBINSON</u>
Mailing Address	<u>6 ALLEN Rd.</u> <u>RAUMATU BEACH</u>

BUILDER	
Name	<u>As Owner</u>
Mailing Address	_____

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE	
Street No.	<u>300</u>
Street Name	<u>ROSCOTT RD.</u>
Town/District	<u>RAUMATU SOUTH</u>
Riding	_____

LEGAL DESCRIPTION	
Valuation Roll No.	<u>15282 100 00</u>
Lot	<u>76</u>
D.P.	<u>12298</u>
Section	_____
Block	_____
Survey District	_____

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

Dwelling.

FLOOR AREA		DWELLING UNITS	
Whole Sq. Metres	<u>214</u>	Number Erected	_____

ESTIMATED VALUES \$	
Building	<u>17,400</u>
Plumbing	<u>1,500</u>
Drainage	<u>500</u>
G.S.T.	_____
TOTAL	<u>19,400</u>

NATURE OF PERMIT (TICK BOX)	
☒	NEW BUILDING - exclude domestic garages and domestic outbuildings
☐	FOUNDATIONS ONLY
☐	ALTERED, REPAIRED, EXTENDED, CONVERTED, RESITED - include installation of heating appliances
☐	NEW CONSTRUCTION OTHER THAN BUILDINGS - include demolitions
☐	DOMESTIC GARAGES AND DOMESTIC OUTBUILDINGS

FEES APPLICABLE

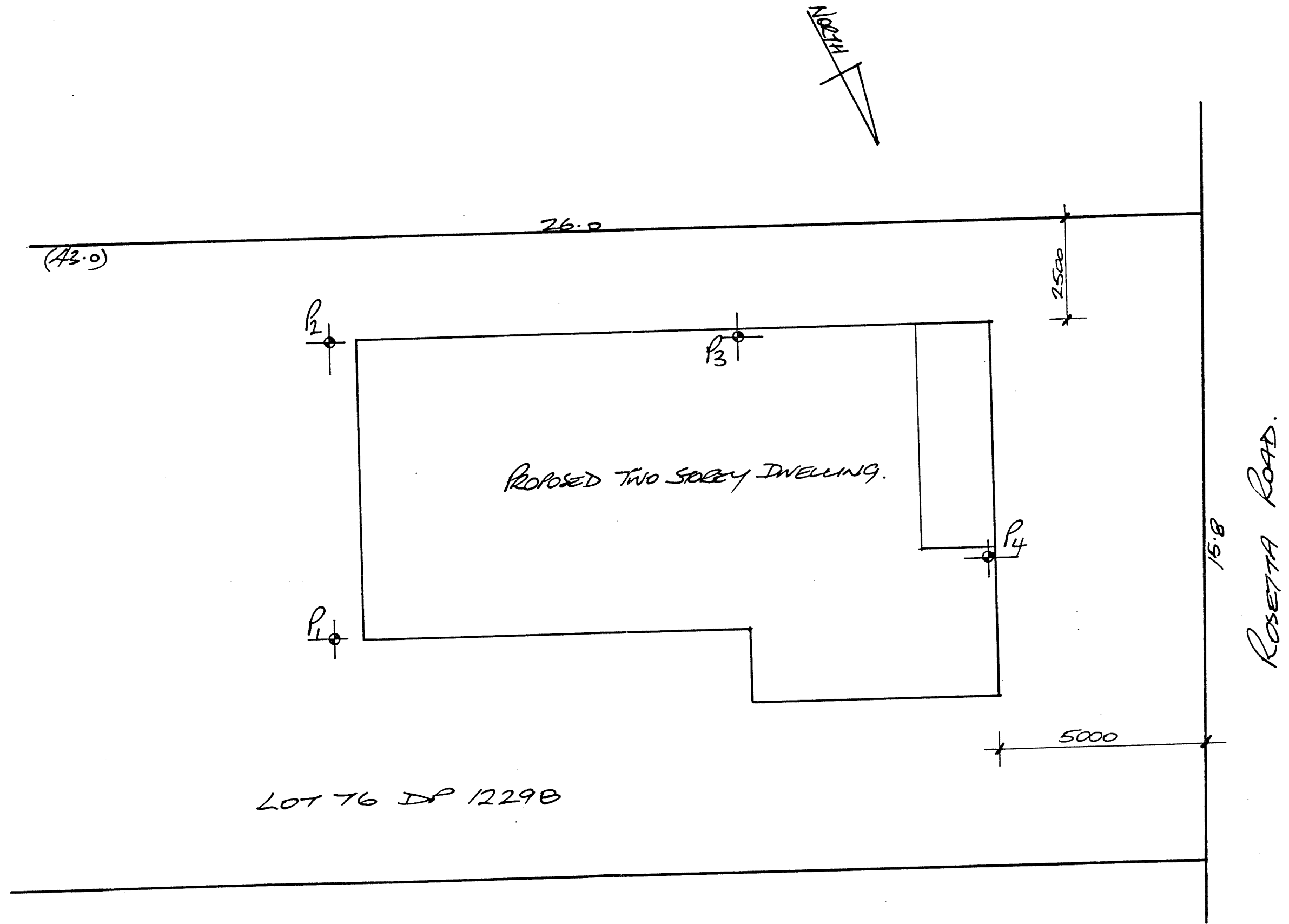
Building Permit	\$ <u>513</u>	Water Connection	\$ _____	Receipt No. <u>67157</u> Date of Payment <u>13/1/90</u> Authorised Officer <u>[Signature]</u>
Street Damage Deposit ..	\$ <u>100</u>		\$ _____	
Building Research Levy ..	\$ <u>100</u>		\$ _____	
Plumbing	\$ <u>150</u>		\$ _____	
Drainage	\$ <u>40</u>		\$ _____	
Sewer Connection	\$ <u>100</u>		\$ _____	
Vehicle Crossing Levy ..	\$ _____		\$ _____	
M.S. Plumbing	\$ _____		\$ _____	
G.S.T. TOTAL:		\$ <u>4475</u>		

Special Conditions: _____

FOUNDATION TO ACCORDING DESIGN

Date Inspected	REMARKS (e.g. stage reached with work)
<u>7/5/90</u>	<u>Sewage has been located .9 from foundation</u> <u>See site plan.</u>
	<u>Water main & tele pipe located under foundation</u>

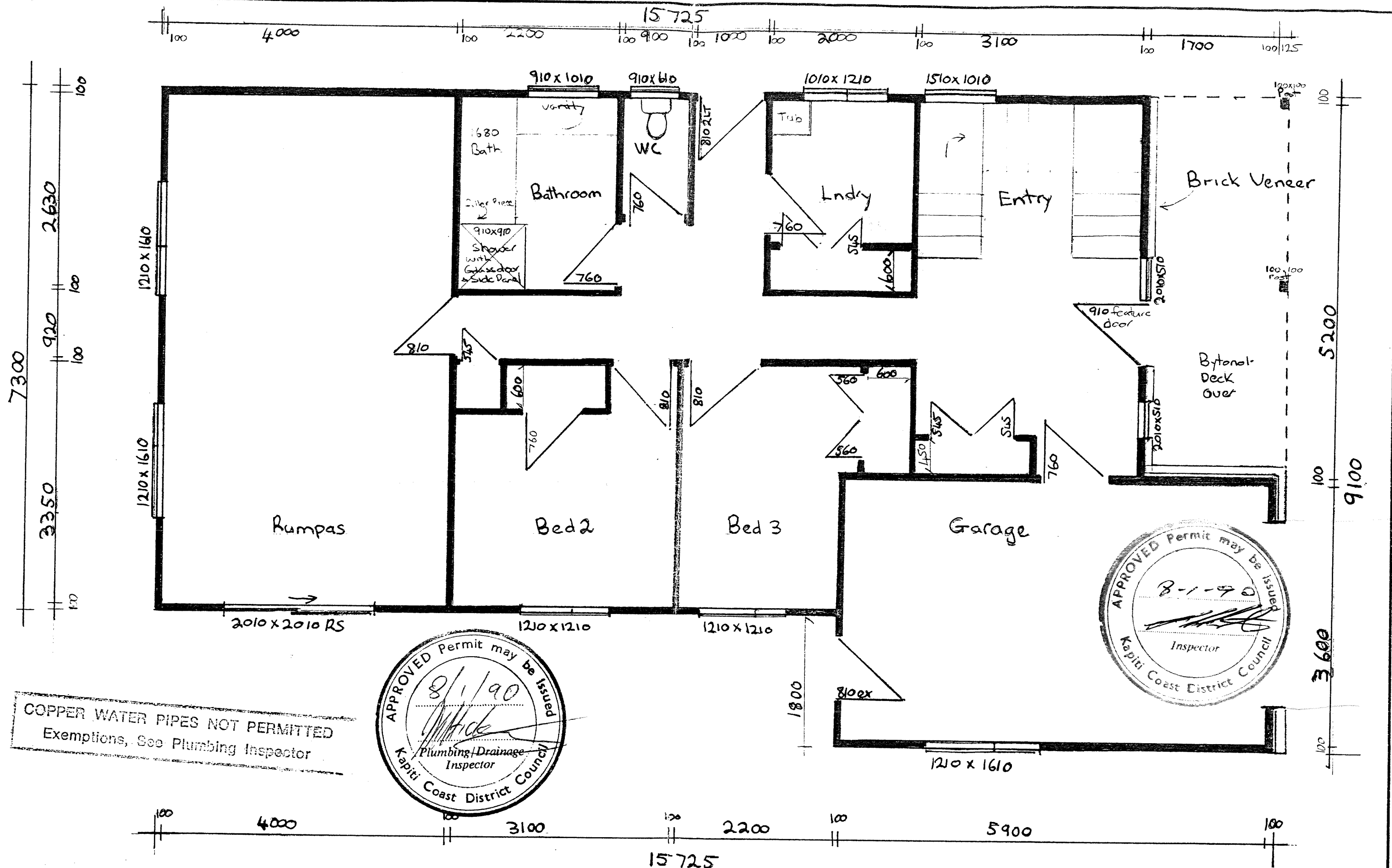
(CONTINUED OVER)



SITE PLAN.
MR. J. ROBINSON.
300 ROSETTA RD.
RAIMATI.

MMDEVELOPMENTS.
P. 1026/3

P. 1026



JOE ROBINSON

Ground Floor

SHEET

3

DRAWN MPK

CHECKED

SCALES

SERIES OF

TRACED

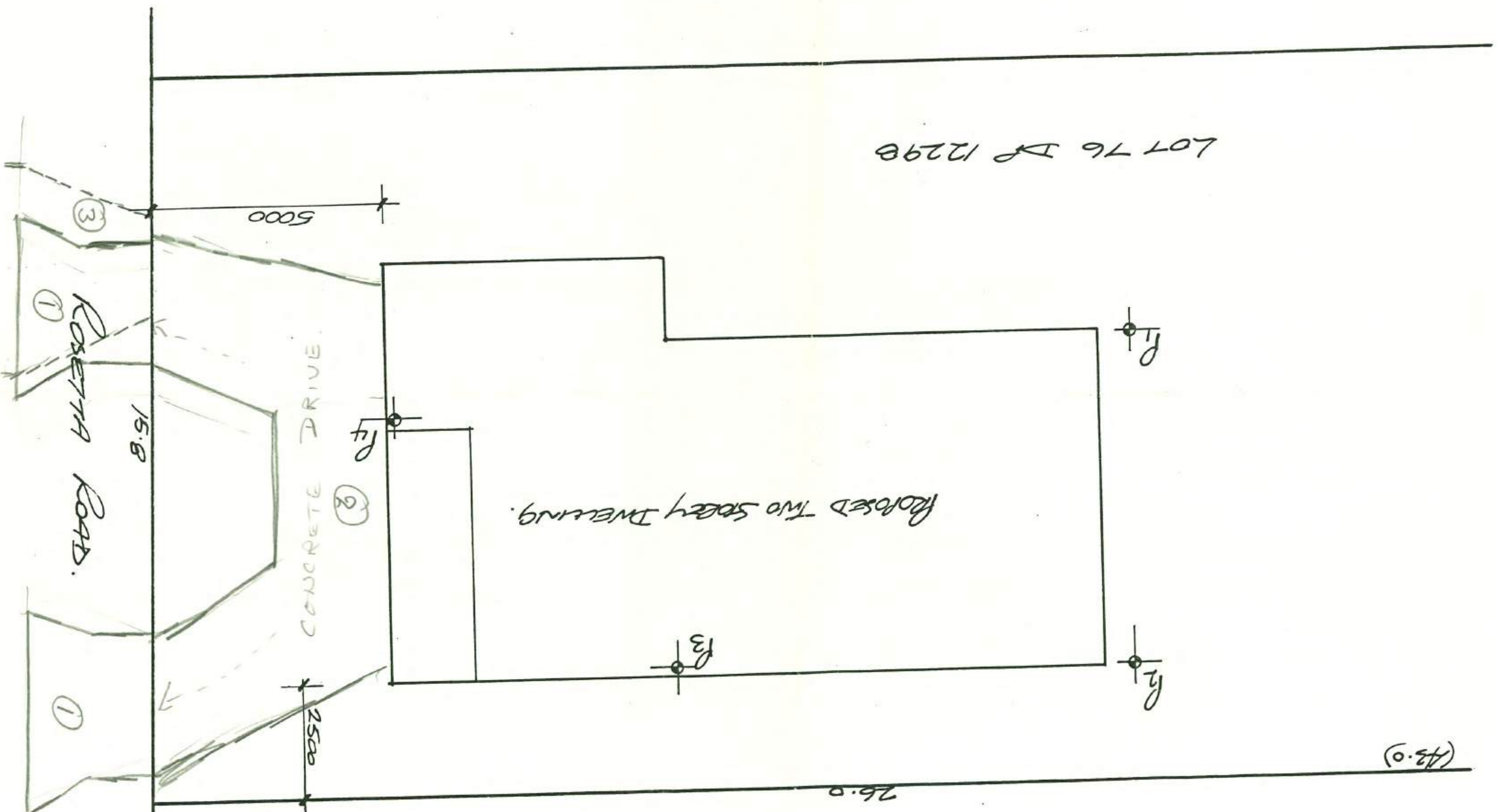
DATE

1-50

REF

SITE PLAN.
 MR. J. ROBINSON
 300 ROSETTA RD.
 KALAMATI

LOT 76 OF 1229B



(A3.0)

26.0

2500

15.8

5000

CONCRETE DRIVE

ROSETTA ROAD

N



MODIFICATIONS

- ① New vehicle accesses (2) requested.
- ② Existing new driveways
- ③ Previous existing access (to be made good)

P.1026/3

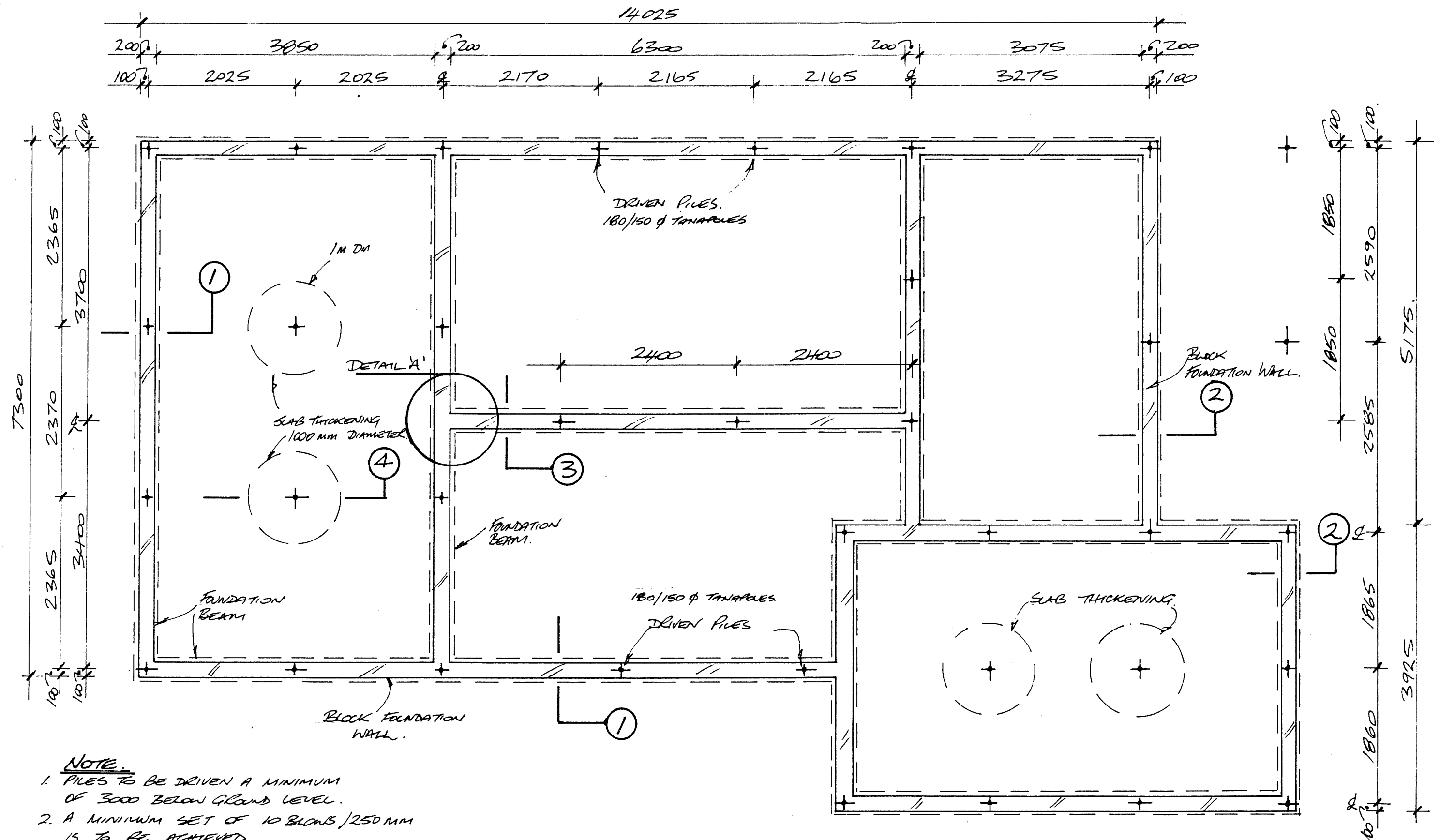
P.1026

Builder copy.

MR. J. ROBINSON,
300 ROSETTA ROAD,
RAUMATI.
FOUNDATION DETAILS.



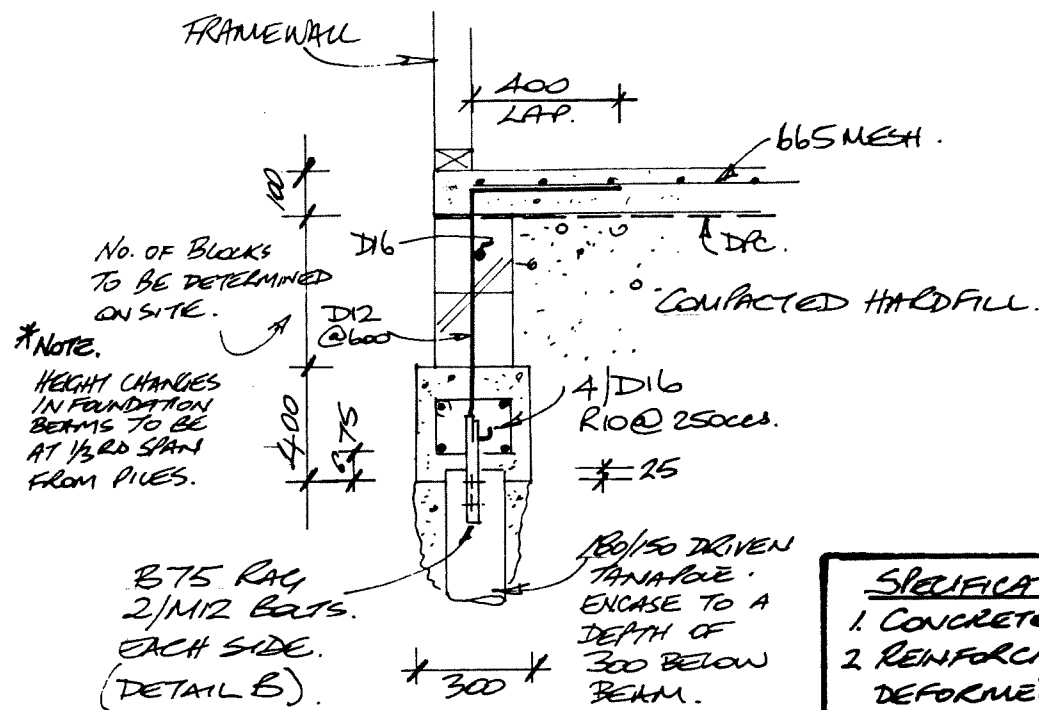
MMDEVELOPMENTS.
P.O. Box 91,
PARAPARAUMU.
P.1026



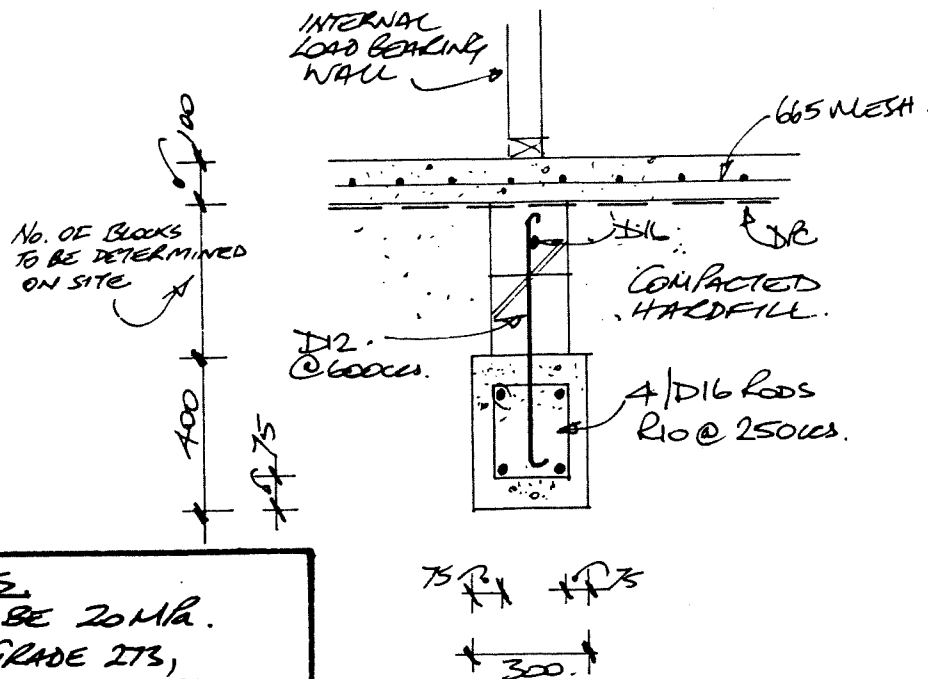
FOUNDATION PLAN
1/50.

MR J. ROBINSON.

MUDDEVELOPMENTS.
P. 1026 / 1.

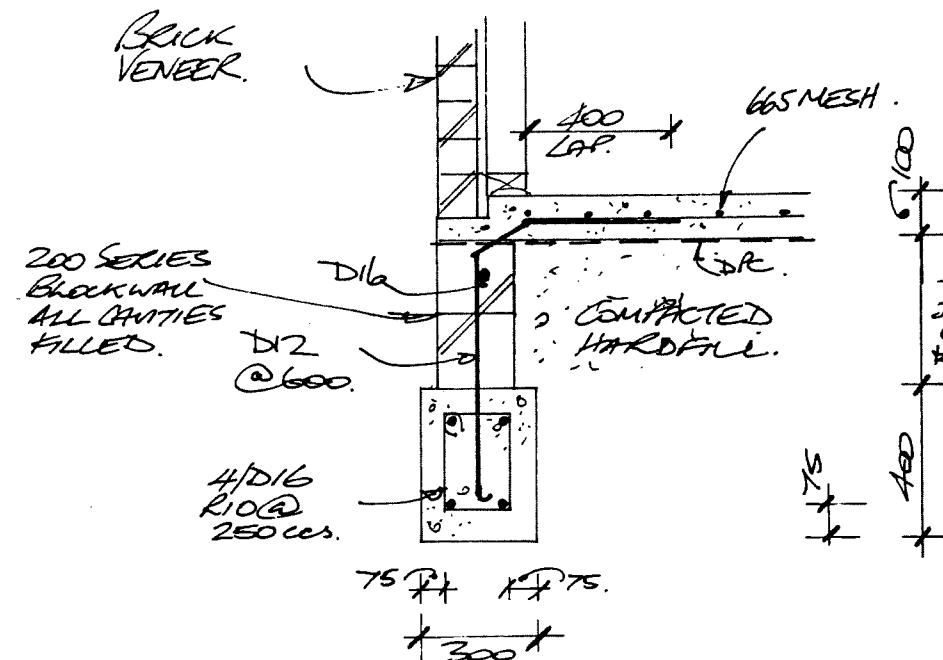


SECTION 1.
FRAME WALL

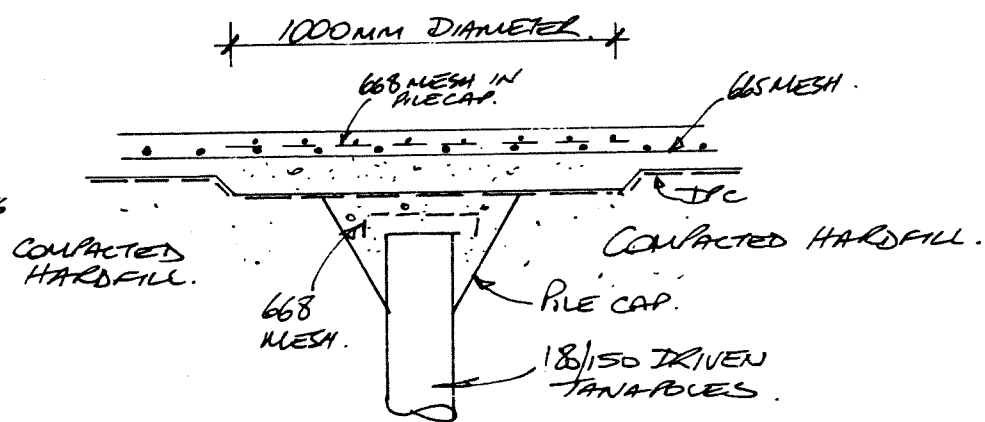


SECTION 3

INTERNAL LOAD BEARING

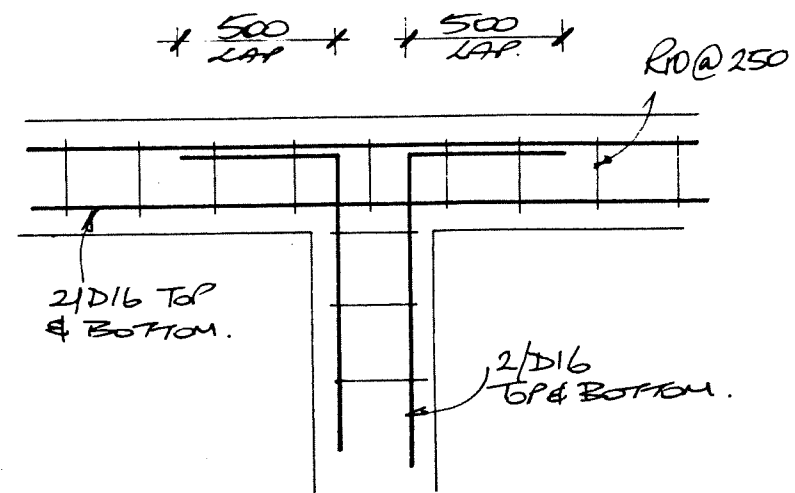


SECTION 2
BRICK VENEER.

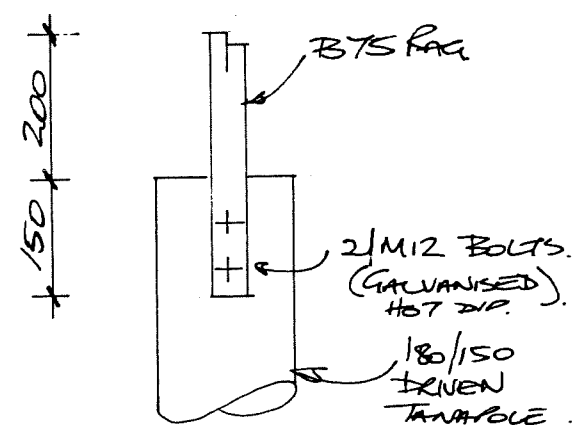


SECTION 4
FLOOR PILE

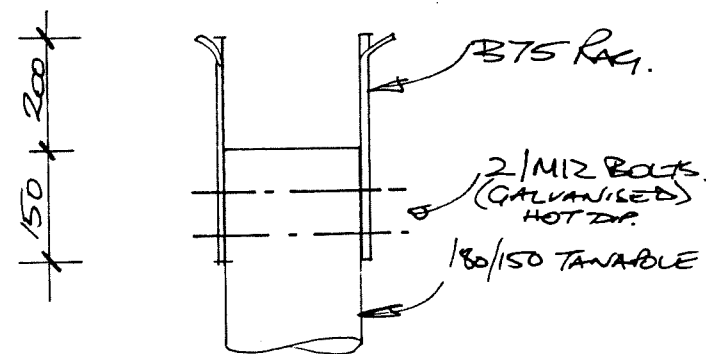
VARIOUS DETAILS



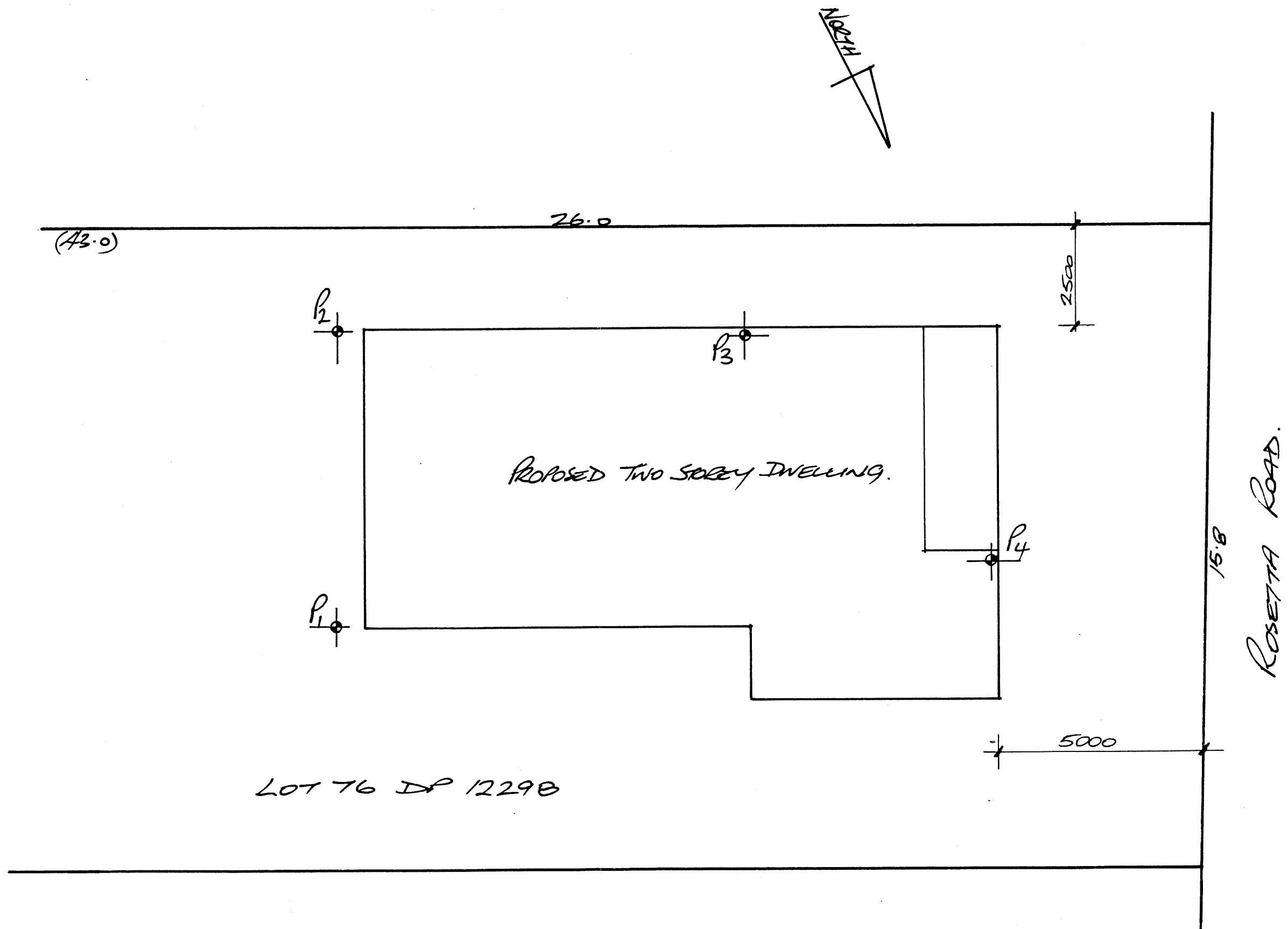
DETAIL A.
TYPICAL BEAM JUNCTION.



FRONT VIEW

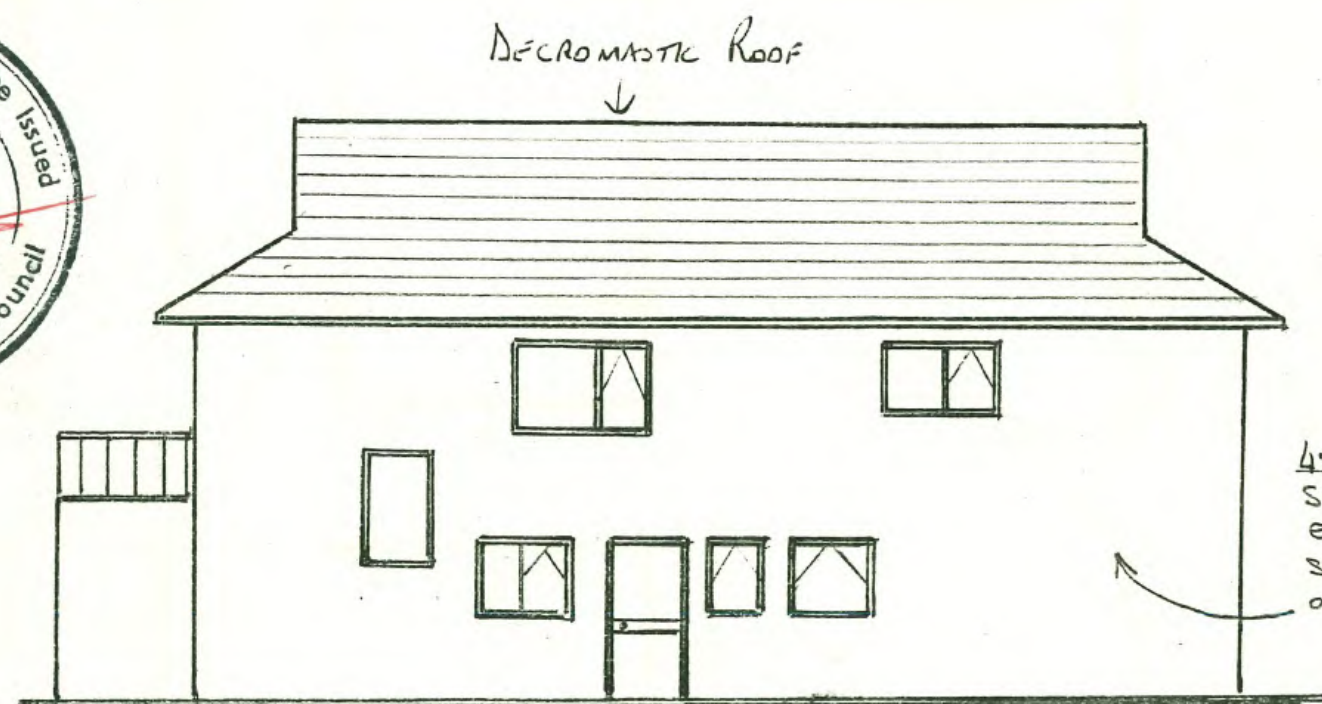
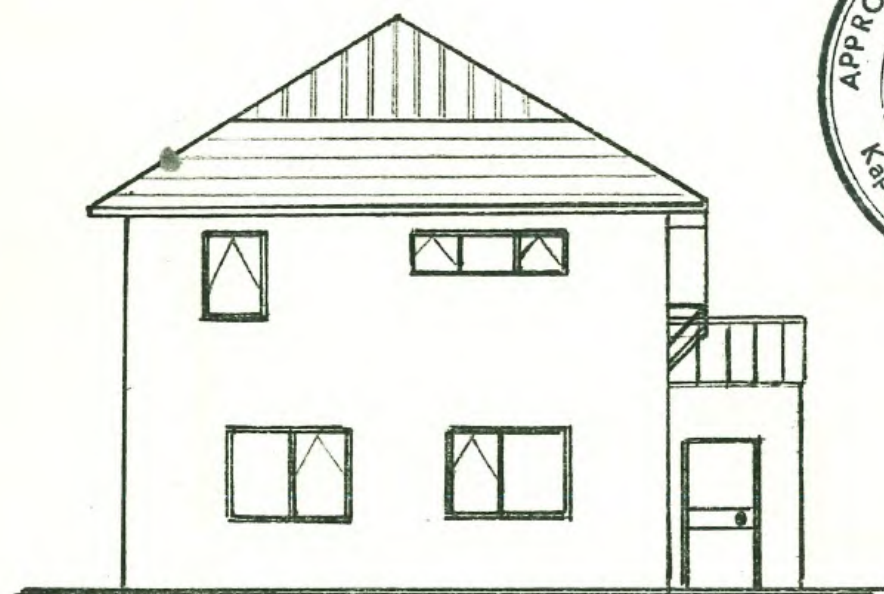


SIDE VIEW
DETAIL B.

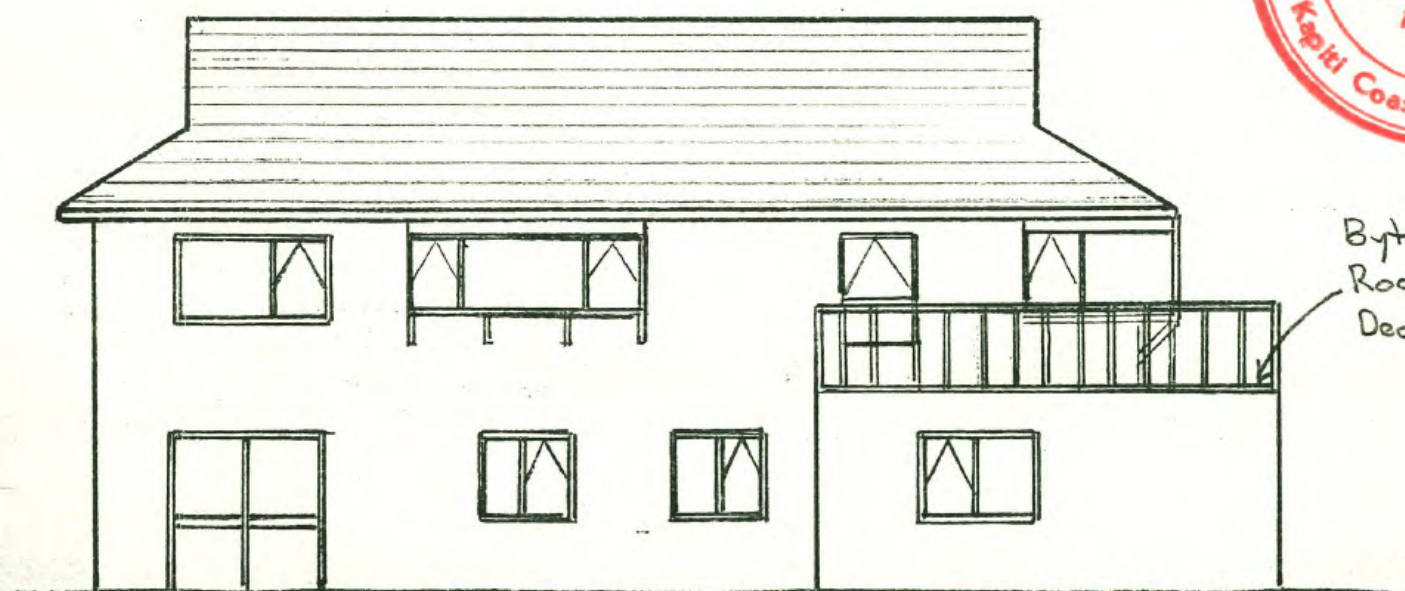
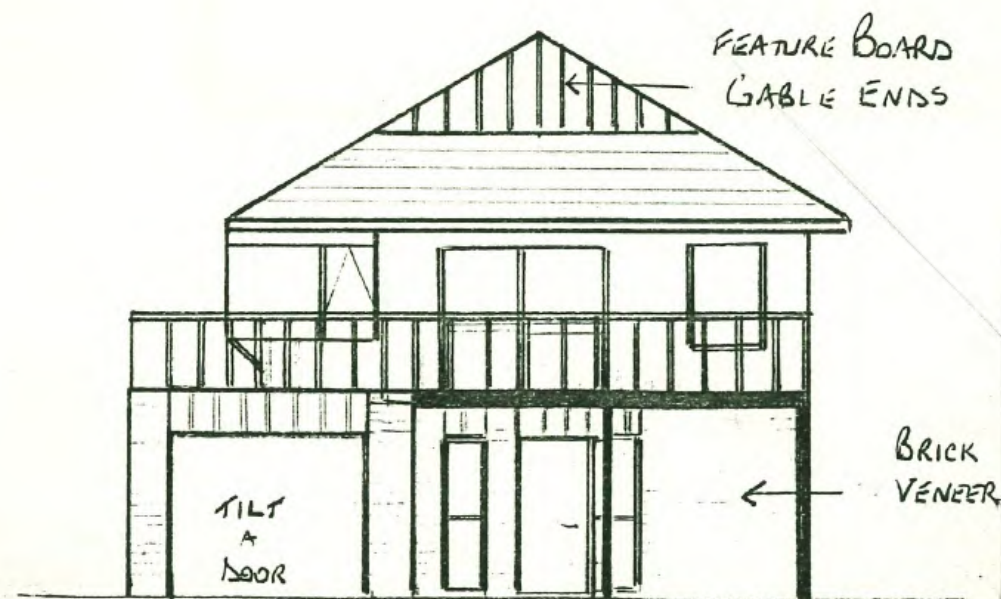


SITE PLAN.
MR. J. ROBINSON.
300 ROSETTA RD.,
RAUMATI.

MMDEVELOPMENTS.
P. 1026/13



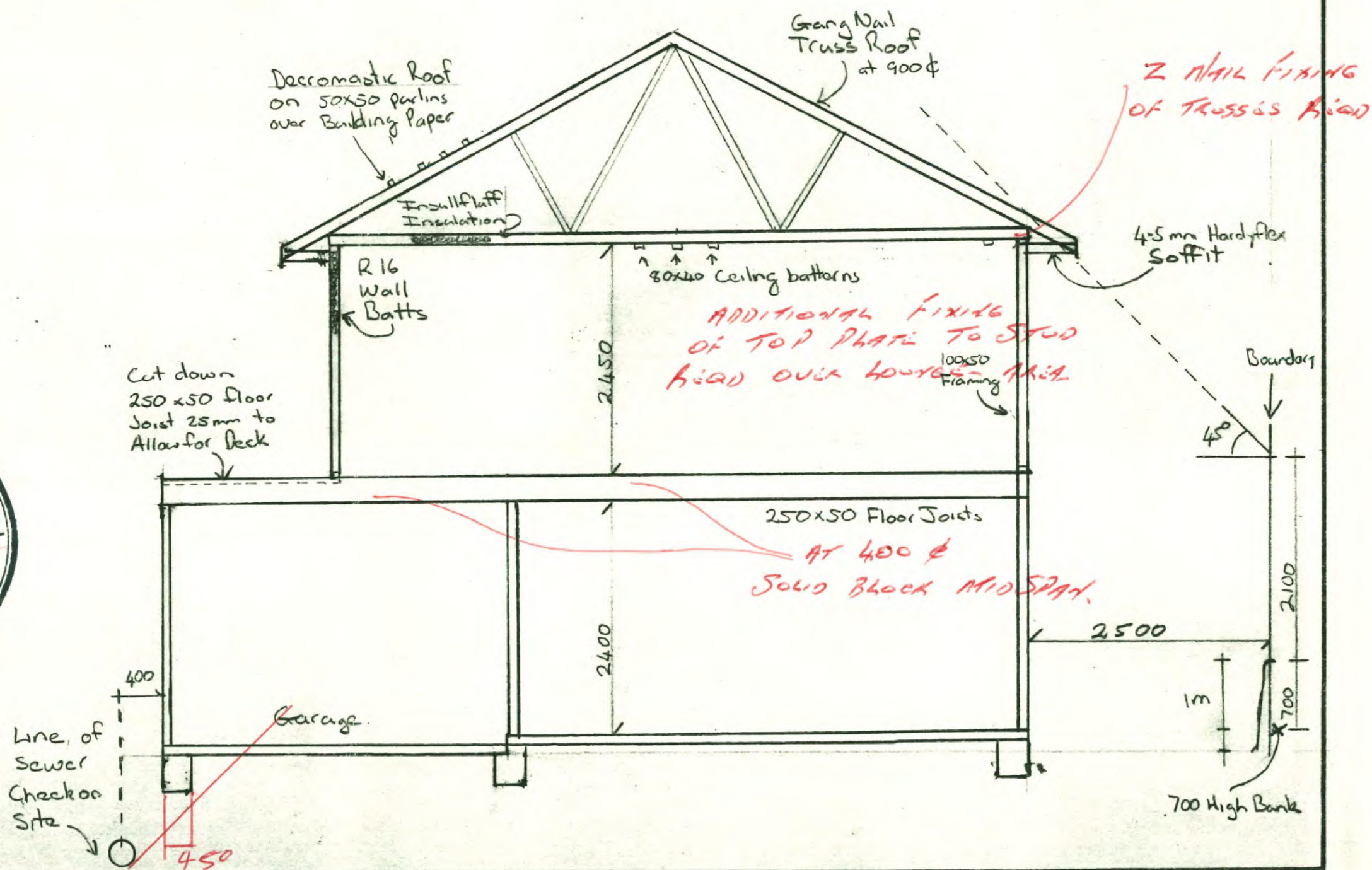
4.5mm Hard flex
Sheeting to all
exterior with
special spray on
application



Bytornal
Roof to
Deck area

J ROBINSON

DRAWN	CHECKED	SCALES	SHEET
TRACED	DATE		2
			SERIES OF
			REF



SHEET

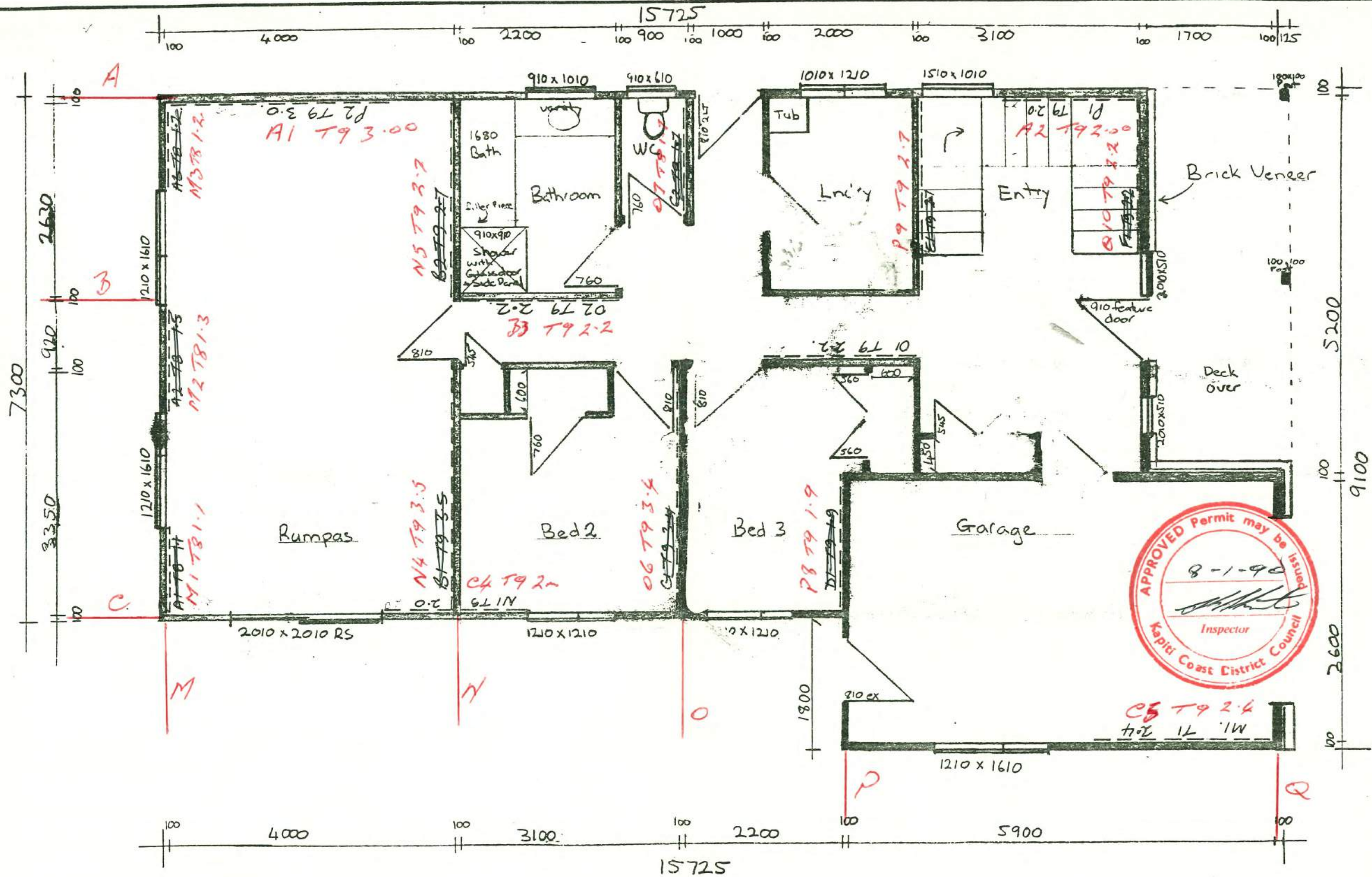
5

DRAWN
TRACED

CHECKED
DATE

SCALES

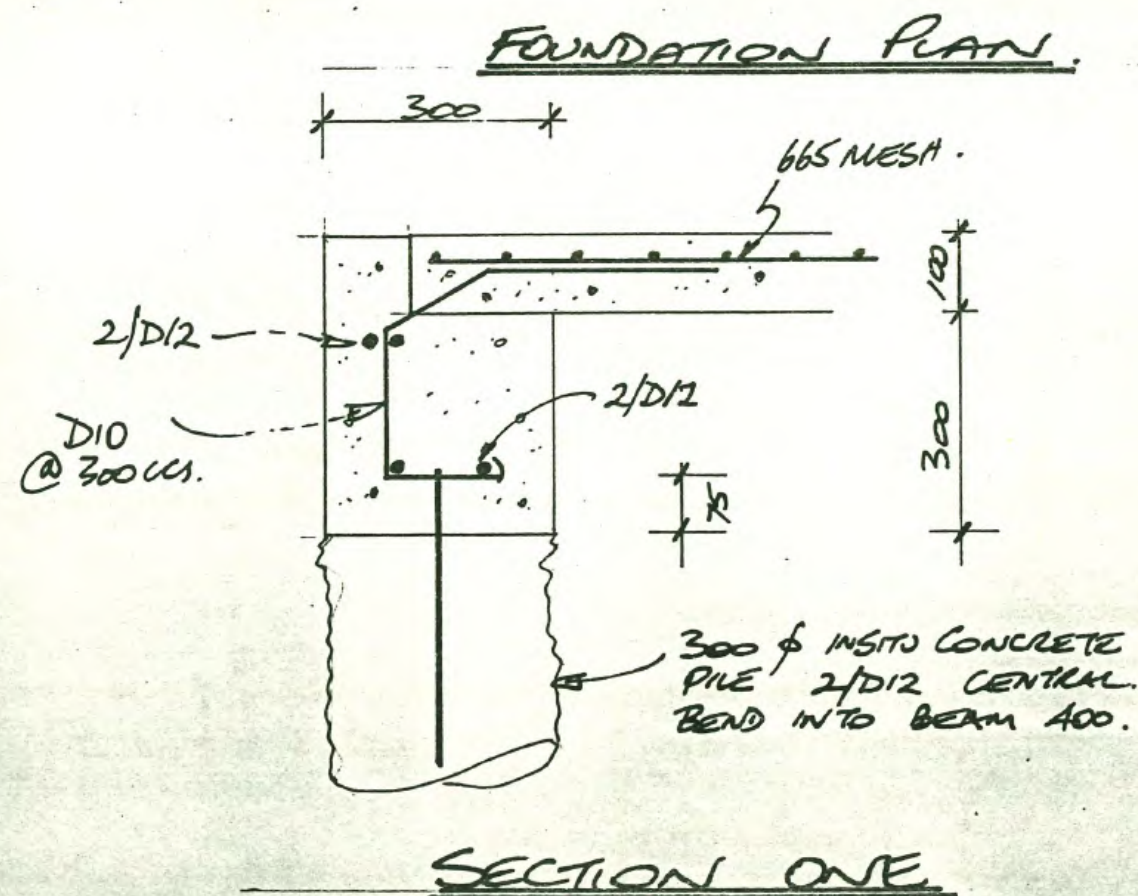
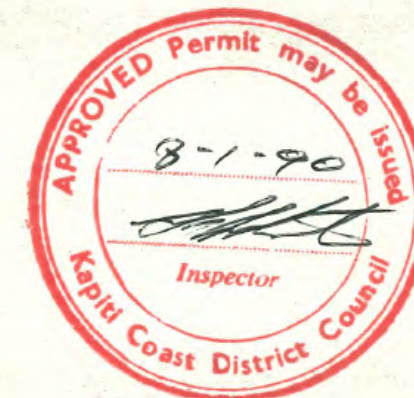
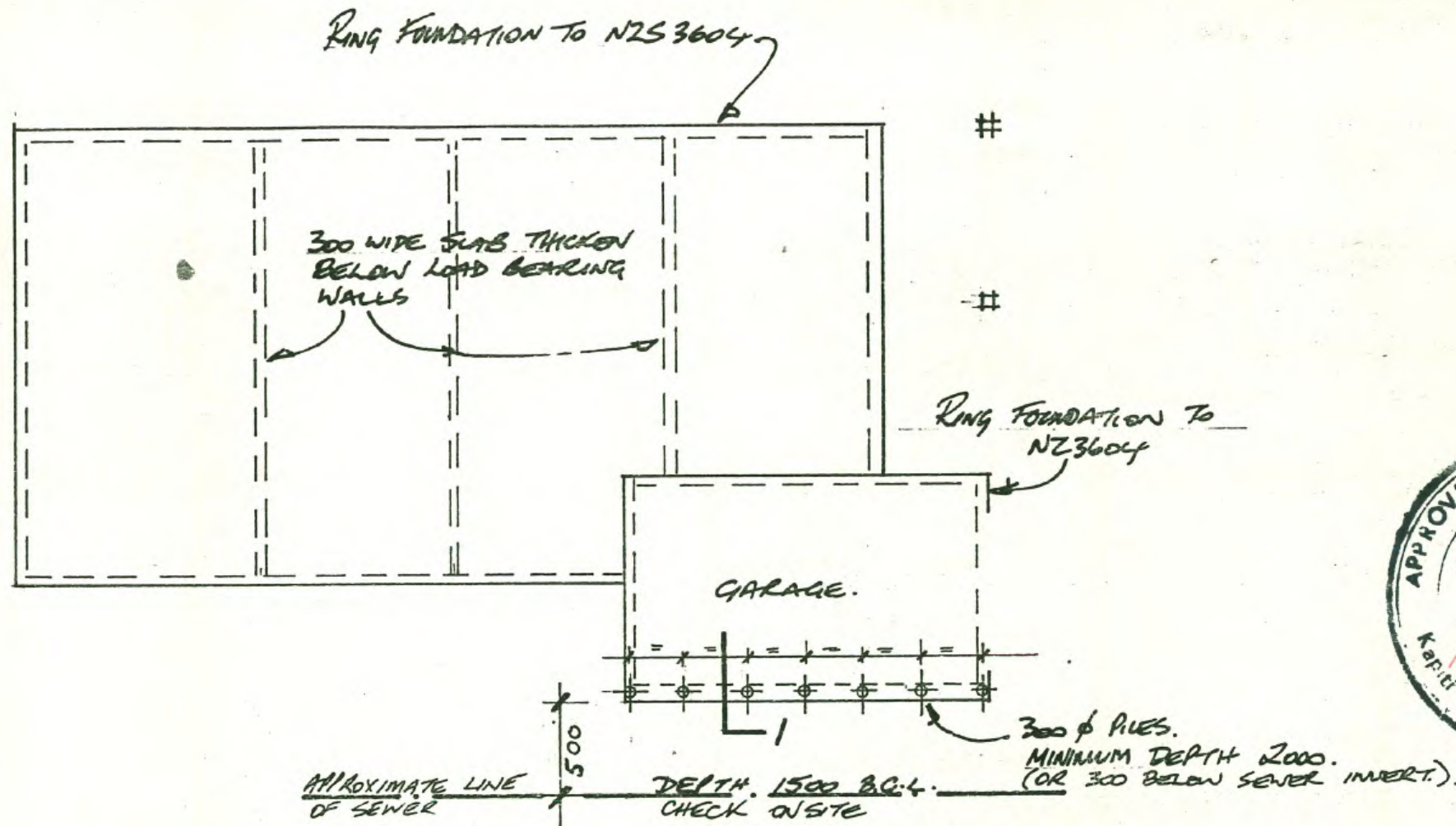
SERIES OF
REF



GROUND FLOOR BRACING.

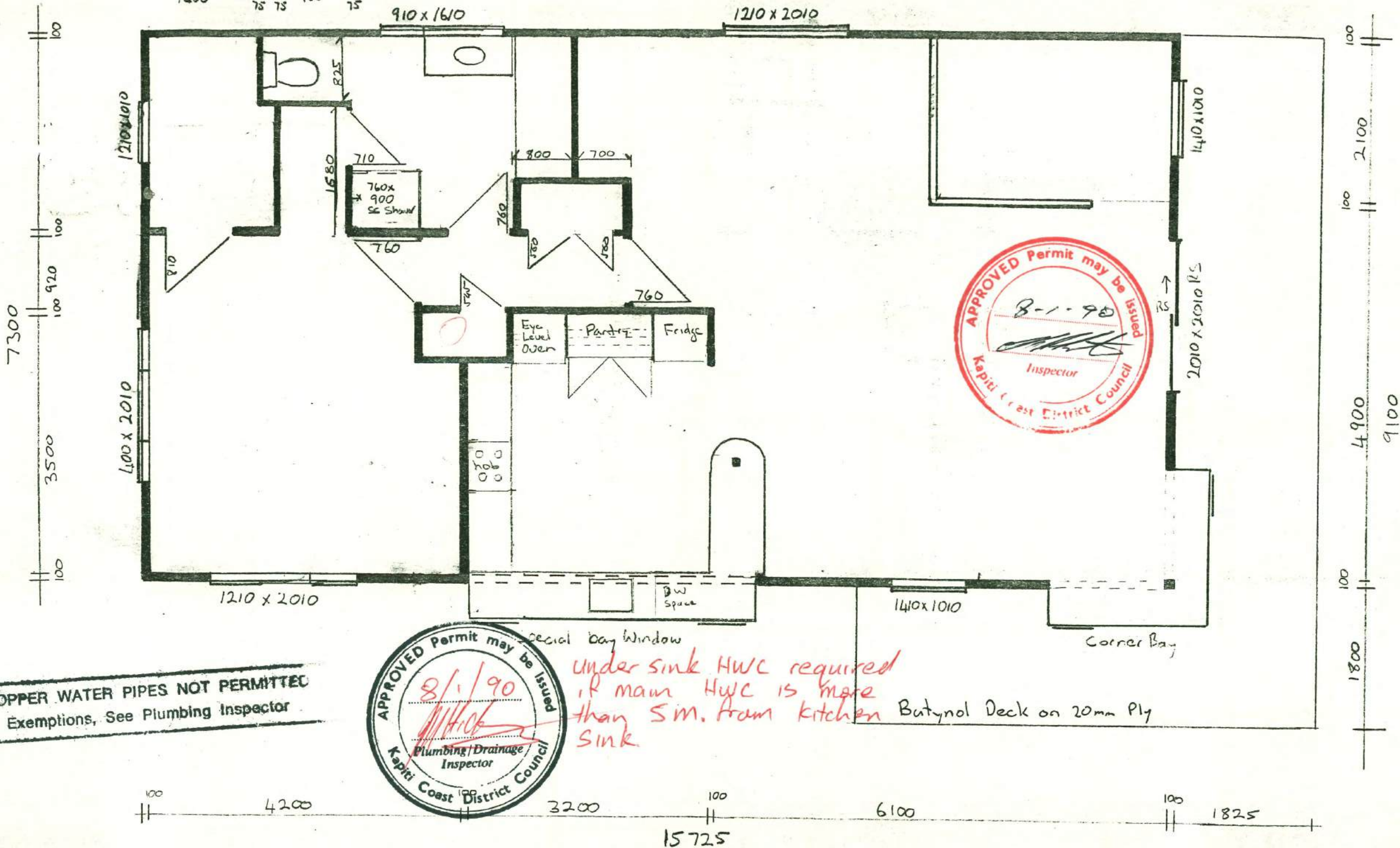
MR. J. ROBINSON,
300 ROSETTA ROAD,
RAUMATI.

DRAWN MPK	CHECKED	SCALE	SHEET
TRACED	DATE	1-50	SERIES OF
			REF



MR. J. ROBINSON,
300 ROSETTA ROAD,
RAUMATI.

NM DEVELOPMENTS.
P.O. Box 91,
PARAPARAUMU
P. 9137.



COPPER WATER PIPES NOT PERMITTED
Exemptions, See Plumbing Inspector



Special Bay Window
under sink HWC required
if main HWC is more
than 5m. from kitchen Sink
Butynol Deck on 20mm Ply

J Robinson

1st Floor

DRAWN MPK	CHECKED	SCALES 1:50	SHEET 4
TRACED	DATE		SERIES OF
			REF

BUILDER TO ENSURE THAT PROPOSED FOUNDATION HEIGHT WILL ALLOW A SATISFACTORY DRAINAGE CONNECTION TO THE SEWER MAIN.

~~BUILDER TO ENSURE THAT PROPOSED FOUNDATION HEIGHT WILL ALLOW A SATISFACTORY DRAINAGE CONNECTION TO THE SEWER MAIN.~~



43000

26000 to Cross Lease Boundary

2500

15800

5000

300 Rossetta Rd

IMPORTANT
24 HRS NOTICE MUST BE GIVEN THE INSPECTOR FOR ALL STAGES OF WORK TICKED BELOW.

- COMMENCEMENT OF WORK ☒
- BEFORE POURING ANY CONCRETE ☒
- BEFORE FIXING ANY FLOOR ☒
- BEFORE FIXING ANY WALL OR CEILING LININGS ☒
- BEFORE BACKFILLING ANY DRAIN TRENCH ☒
- BEFORE COVERING ANY PLUMBING WORKS ☒
- BEFORE FITTING ANY FLUE/CEILING COVER PLATE ☒
- ON COMPLETION OF WORKS ☒

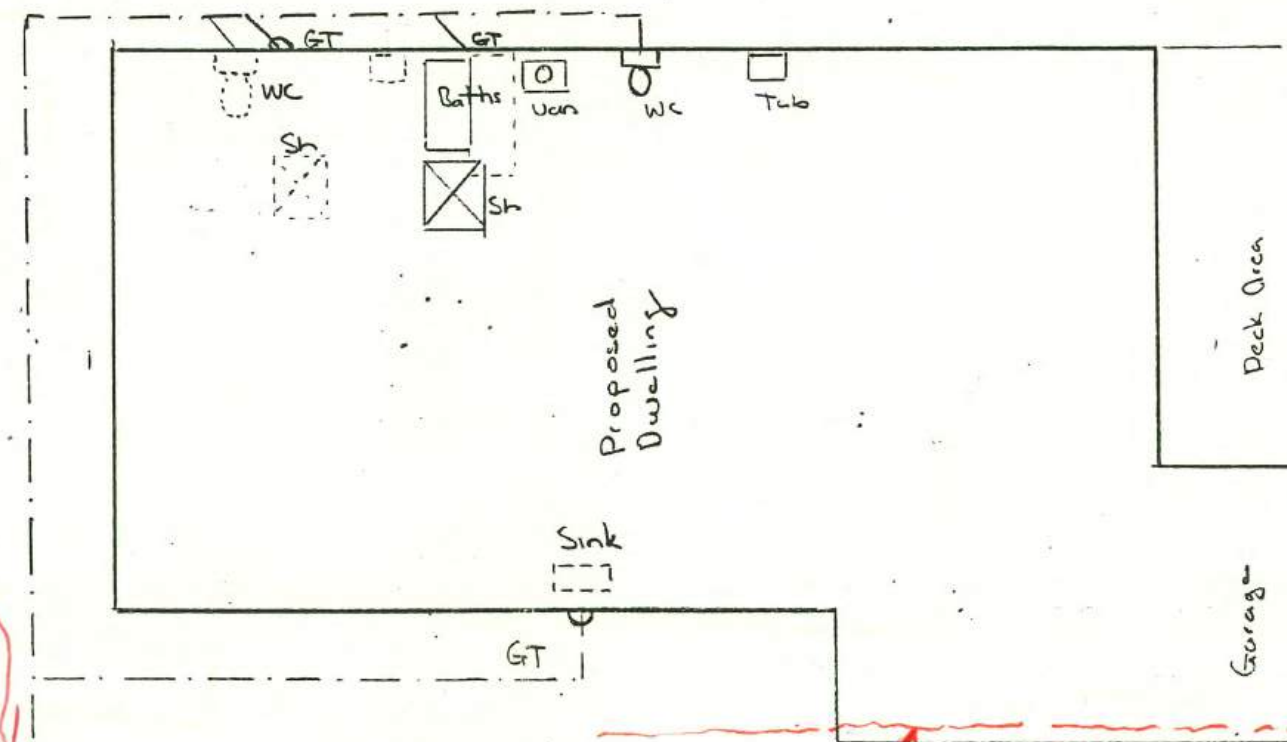
NOTE: INSPECTIONS ARE CARRIED OUT ON WEEKDAYS ONLY.

KC DC to install

New Sewer Lateral

Council Sewer 150 earthenware 1m - 1.5m Deep.

LOT 76 DP 12298 837 m²



Find existing water main not to be built over

Note: 1. Sewage line located at 1.0m from foundation.

2. Water & telephone located under foundation is to be removed.

LOCAL AGENTS

NEW HOME FOR:

Mr J Robinson
6 Allan Rd / 300 Rosetta Rd

Contractor to Verify all Dimensions on site before Commencing any work

DATE: 20/12/89	SCALE: 1:100	SHT No.: 1
DRAWN: MK	REFERENCE:	SERIES OF:

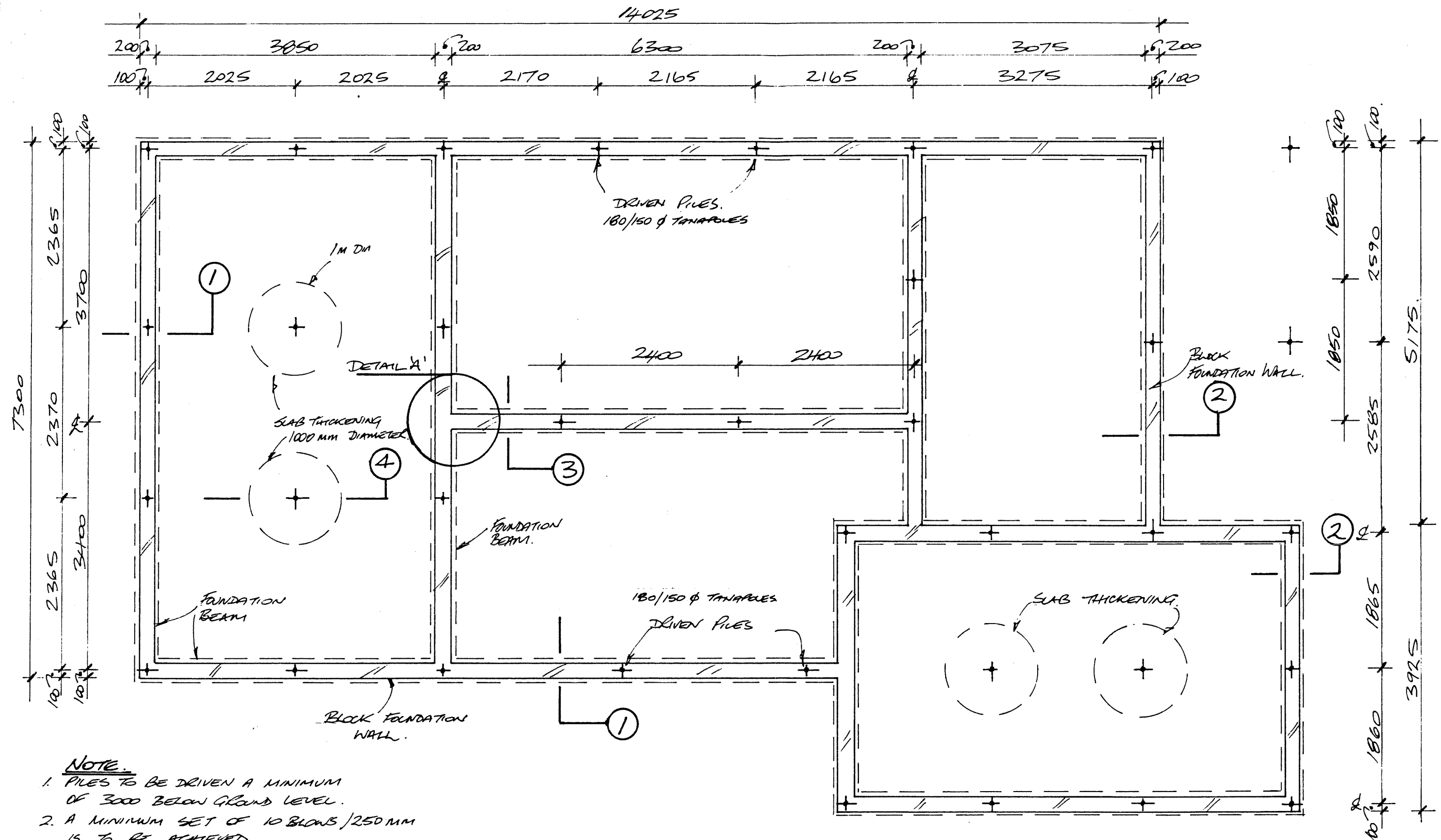
MICROTECH

MR. J. ROBINSON,
300 ROSETTA ROAD,
RAUMATI.
FOUNDATION DETAILS.



Received 10/5/90

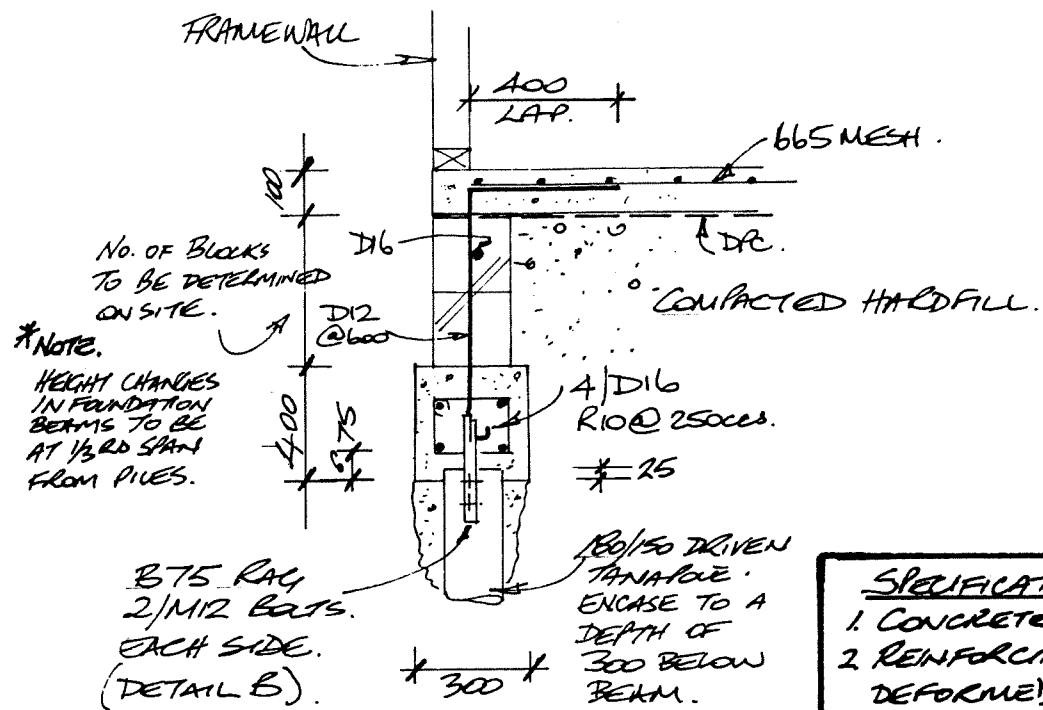
MM DEVELOPMENTS.
P.O. Box 91,
PARAPARAUMU.
P.1026



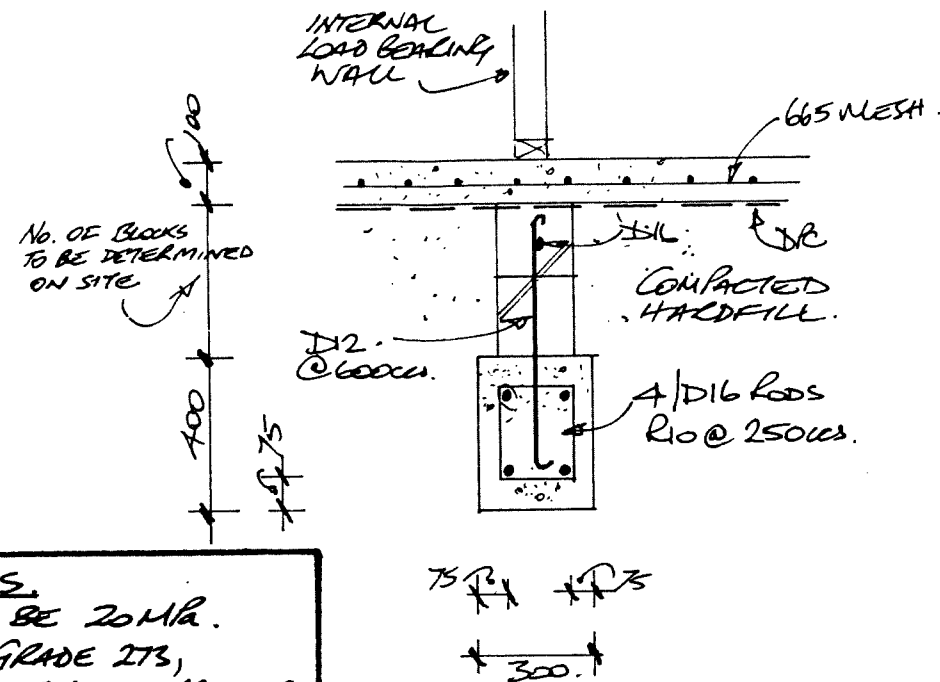
FOUNDATION PLAN.
1/50.

MR J. ROBINSON.

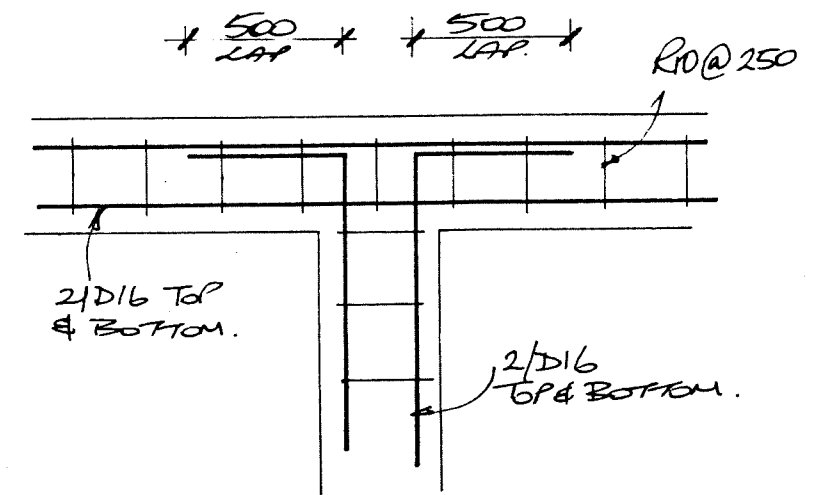
MM DEVELOPMENTS.
P. 1026 / 1.



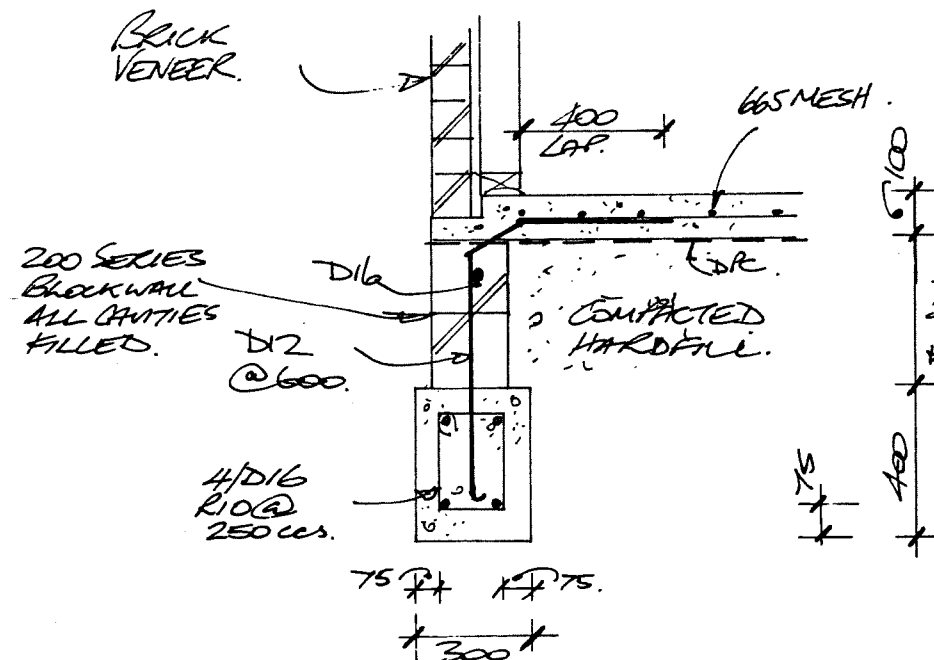
SECTION 1.
FRAME WALL



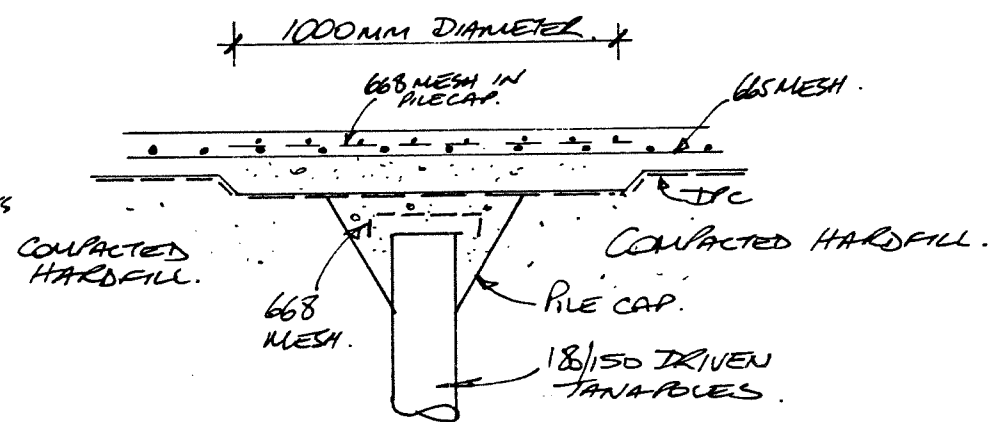
SECTION 3
INTERNAL LOAD BEARING



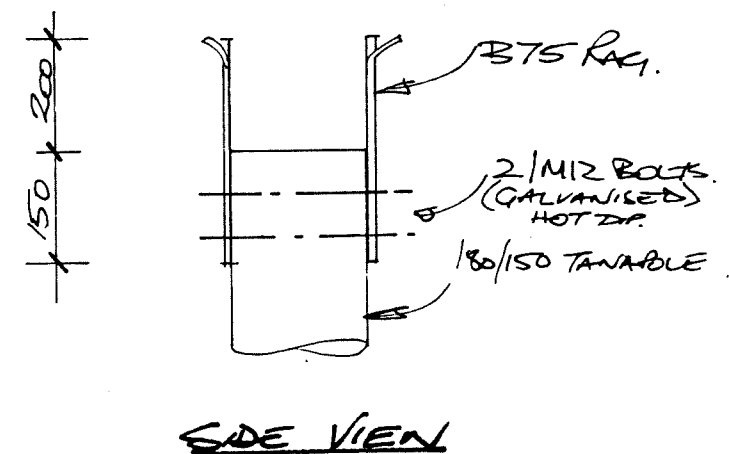
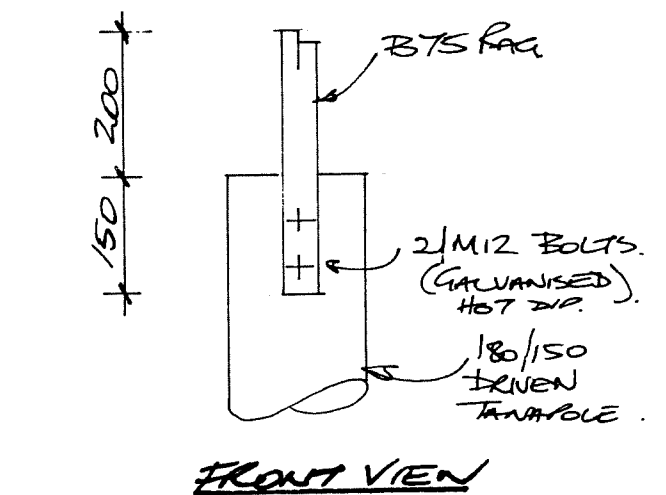
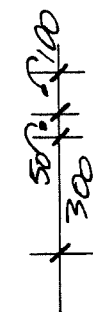
DETAIL A.
TYPICAL BEAM JUNCTION.



SECTION 2
BRICK VENEER.

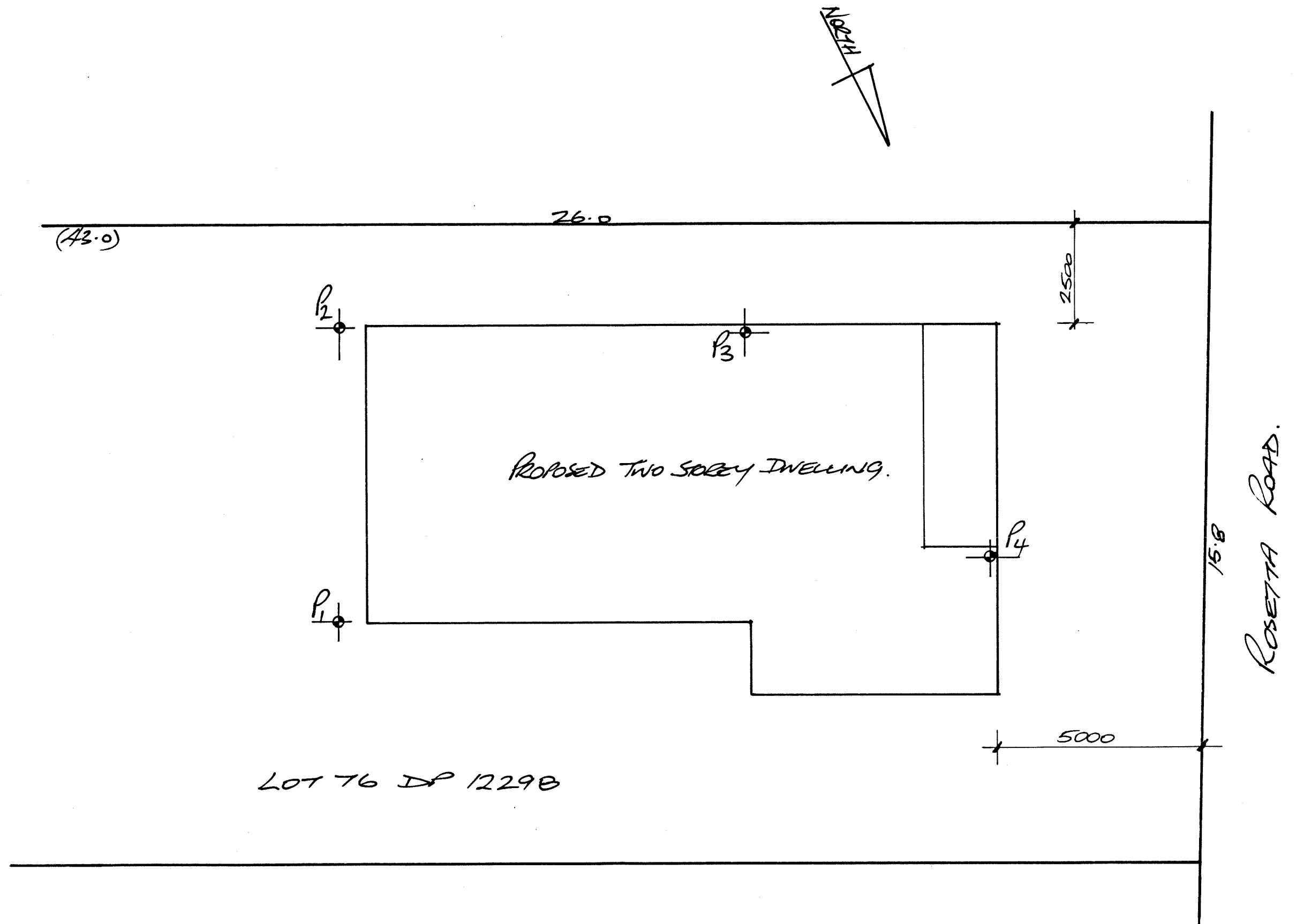


SECTION 4
FLOOR PILE



SIDE VIEW
DETAIL B.

VARIOUS DETAILS.



SITE PLAN.
MR. J. ROBINSON.
300 ROSETTA RD.,
RAIMATI,

MMDEVELOPMENTS.
P. 1026/13

(CIRCLE whichever is applicable)

NAME: Mr. J. Robinson

Lower of three

300 ROSETTA Bd,
RAUMATI.

High / Medium / Low

= 2.4 m

FOR EARTHQUAKE

Average roof slope : 30°

Earthquake Zone: A / B / C

$E = 5 \text{ B.U.'s/m}^2$

WIND along the building (W1)

Average roof height : 2.0 m

Greatest roof slope : 30°

ALONG

w1 wall = 67 B.U.'s/m

w1 roof = 32 B.U.'s/m

W1 total = ~~99~~ B.U.'s/m

WIND across the building (W2)

Average roof height : 2.0 m

Greatest roof slope : 30°

ACROSS

w2 wall = 67 B.U.'s/m

w2 roof = 32 B.U.'s/m

W2 total = 99. B.U.'s/m

BL = 13.9 m

BW = 9.1 m

GPA = 126.5 m^2

$$\text{Ex GPA} = 5 \times 126.5 = 632.5 \text{ B.U.'s}$$
$$W1 \times BW = 97 \times 9.1 = 900.9 \text{ B.U.'s}$$
$$W2 \times BL = 99 \times 13.9 = 1376.1 \text{ B.U.'s}$$

SHEET B

ALONG

BRAND

ACROSS

1	Wall or Bracing Line		Wall Bracing Elements Provided					8
	2	3	4	5	6	7		
Total Bracing Units Required for this storey	Line Label	Minimum B.U.'s Required	Bracing Element NO.	Type (table 20)	Rating B.U.'s (table 20)	Length of Element (m)	B.U.'s Achieved	
From sheet A greater of earthquake or wind across	M	60	M1	T1	42	2.4	101	
	N	97	N1	T9	83	2.0	166	
	O		O1	T9	83	2.2	183	
			O2	T9	83	2.2	183	
	P	135	P1	T9	83	2.0	166	
			P2	T9	83	3.0	245	
	Q							
901						TOTAL	1044	

ALONG

1	Total Bracing Units Required for this story	Wall or Bracing Line		Wall Bracing Elements Provided				
		2	3	4	5	6	7	8
From sheet A greater of earthquake or wind along		Line Label	Minimum B.U.'s Required	Bracing Element NO.	Type (table 20)	Rating B.U.'s (table 20)	Length of Element (m)	B.U.'s Achieved
		A	73	A1	T8	67	1.1	74
				A2	T8	67	1.5	100
				A3	T8	67	1.2	80
		B		B1	T9	83	3.5	290
				B2	T9	83	2.7	224
		C		C1	T9	83	3.4	282
				C2	T8	67	1.7	114
		D		D1	T9	83	1.9	158
		E		E1	T9	83	2.7	224
		F	91	F1	T9	83	2.2	183