

APPLICATION FOR BUILDING PERMIT

Wanganui City Council

Date 23/6/82

THE CITY ENGINEER,

DEAR SIR,

A32322

I hereby apply for a Building Permit to erect/demolish

DWELLING

CARPORT

according to site plan and detailed plans, elevation, cross sections and specifications of building deposited herewith, in duplicate.

OWNER

Name

G.M. TIFIELD

Address

90 21 KARARU ST

Phone

BUILDER

Name

OWNER

Mailing Address

Ph: 55355

PLUMBER

K-HEAD

Mailing Address

Ph:

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No

34

Street Name

TREADWELL ST

Town/District

WANGANUI

LEGAL DESCRIPTION

Valuation Roll No

Lot

45

D.P.

50835

Section

Block

Survey District

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

NEW DWELLING & CARPORT
NO BUILT

FLOOR AREA

DWELLING UNITS

Whole
Sq. Metres171m²Number
Erected

ONE

ESTIMATED
VALUES

\$

Building

54000 00

Plumb & Drain (Labour)

1000 00

TOTAL

55000 00

NATURE OF PERMIT (TICK BOX)



NEW BUILDING

-include dwelling added, exclude domestic garages



FOUNDATIONS ONLY



ALTERED, REPAIRED, EXTENDED

-include conversions and domestic garages



NEW CONSTRUCTION

OTHER THAN BUILDINGS

-include demolitions

FEES APPLICABLE

BUILDING PERMIT.....\$ 160-00
PLUMBING PERMIT (NO 1003) \$ 32-00
PREPAID CROSSING... EXIST. ROIS \$ -
PREPAID SEWER CONNECTION \$ EXIST
PREPAID WATER CONNECTION... \$ EXIST
STORMWATER CONNECTION..... AT COST EXIST
BUILDERS DEPOSIT.....\$ 130-00
TOTAL COUNCIL FEES...\$ 322-00
BUILDING RESEARCH LEVY.....\$ 55-00
TOTAL FEES...\$ 377-00

RCPT. 1440
RCPT. 14401
P.W.R.
P.W.R.
P.W.R.
RCPT. 14401

RCPT. 14401

COMMERCIAL BUILDINGS

IF VALUED AT MORE THAN \$60,000 :

Estimated Commencing Date

Completion

Building Projects Authority NO

Predominant Activity of owner :

APPLICANTS SIGNATURE :

G.M. Tifield

PERMIT MAY BE ISSUED SUBJECT TO THE FOLLOWING CONDITIONS :

All power and telephone services to be laid underground.

Pt 13140/109

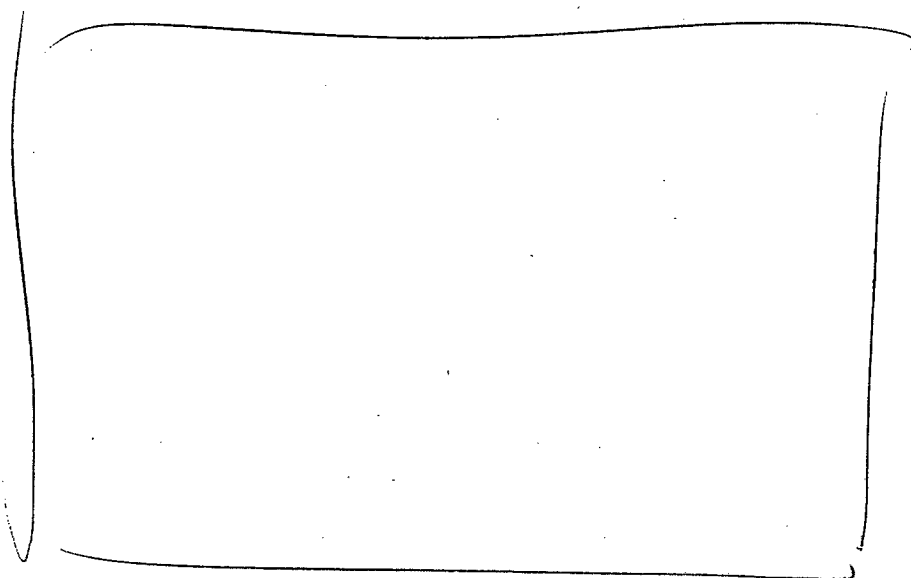
34 TREADWELL ST

LOT 45 D.P. 50835

B. BULLOCK & CO. LTD.

✓ 1/11/75

6/7/75



APPROVAL FOR ISSUE OF BUILDING PERMIT

Lot No. 45 D.P. 50835 Sec:
 Locality: 34 Treadwell St
 Not Satisfactory Amount of Fee
 Applicable Provision Made Date Where Applicable

Permit may be issued subject to the following conditions:

GENERAL REMARKS

BUILDING INSPECTOR:

HEALTH INSPECTOR:

DRAINAGE ENGINEER:

Drainage longsection required showing all levels
in line with council policy.

WATER ENGINEER:

DESIGNING ENGINEER:

TOWN PLANNING:

BUILDING PERMIT CHECK LIST

Property Reference: 34 TREADWELL ST.

Type of Building: DWELLING & CARPORT

Net Site Area

936m².

Zoning

R.2.

Reserves

REQUIREMENTS

REQUIRED

PROVIDED

O.K.

1.	Coverage	<u>35% = 327.6.</u>	<u>172.</u>	<u>✓</u>
2.	Density	<u>1/80m² = 11.</u>	<u>6</u>	<u>✓</u>
3.	Height	<u>10 m.</u>	<u>5m</u>	<u>✓</u>
4.	Front yard (including beautification)			<u>✓</u>
5.	Side yards			<u>✓</u>
6.	Rear yards			<u>✓</u>
7.	Outdoor living space			<u>✓</u>
8.	Storage area			<u>✓</u>
9.	Service area			<u>✓</u>
10.	Car spaces	<u>2</u>	<u>1</u>	<u>✓</u>
11.	Vehicular access			<u>✓</u>
12.	Loading Bay/Crossings/ Distance from intersection	<u>1</u>	<u>1</u>	<u>✓</u>
13.	Trees/Historic Places			<u>1</u>
14.	Proposed road/service lane			<u>1</u>
15.	Road widening & BLR			<u>1</u>
16.	Easements/Site Dimensions			<u>1</u>
17.	Floor area ratio			<u>1</u>
18.	View Protection Plane			<u>1</u>
19.	Sunlight Protection Plane			<u>1</u>
20.	Services	<u>Underground power and telephone wiring</u>		

Design Approval Required Yes/No

Date:.....

Dispensation Required in Respect of Nos:.....

Dispensation Approved/Declined

SPECIFICATIONS FOR THE ERECTION OF A RESIDENCE

FOR MR & MRS G.M. FIFIELD, TREADWELL ST. WANGANUI.

SITE The site of the work is in a Treadwell Street,
where directed by owner. Being Lot

The tenderer shall visit the site before submitting his price to verify the nature of the site and ground etc.

GENERAL All work is to be executed as indicated or implied by the drawings and specifications. Anything specified but not shown on the plans, or anything not specified but necessary in accordance with the usual customs of the trade concerned shall be allowed for by the contractor in his tender.

All work shall comply with the N.Z.S.S. 1900, and the Wanganui City Council By-laws.

Setting out shall be the responsibility of the contractor, and any discrepancies shall be referred to the owner before proceeding.

Any alterations, extras and deductions to the contract must be agreed upon in writing between the owner and the contractor before any such work is carried out. If the contractor has to substitute specified materials for any reason, he must first consult the owner.

Protect all materials generally, and finished or partly finished work from damage by weather or any other cause during the currency of the contract.

All trades are to wait upon and make good after all other trades as may be necessary or required by the contractor. All trades are to be responsible for the cleaning away of their rubbish from the site, and the contractor shall leave the place broom clean at the termination of the contract.

PERMITS & FEES The contractor shall take out all permits and pay all fees etc. as required.

INSURANCES The contractor shall take out insurances in the joint names of Owner and Contractor for a Public Liability for a min. of \$50.000, and a Fire, Earthquake and War Damage Insurance for the full value of the contract.

MAINTENANCE PERIOD The contractor shall maintain the work for a period of ninety days after completion. At the end of this period he shall go over the works and rectify any defects due to inferior materials/and/or faulty workmanship.

PAYMENTS Payments will be made monthly up to 90% of the value of materials and work done on the site. 10% will be retained to comply with the Wages Protection and Contractor's Liens Act or its amendments, 5% will be paid after 30 days of completion and the remainder on completion of maintenance.

CONCRETOR

EXCAVATIONS Clear building area of all vegetation, rubbish and materials not suitable for the placing of foundations. Backfill with clean filling well compacted as required.

Floor Framing

200 x 50 or 150 x 50 joists at 600 c/s. on 300 x 100 (2/300 x 50) bearers all Lumberlok
Double joists to be provided under all load bearing partitions.

Floor Insulation

Perforated aluminium foil draped over joists.

Pole Constructions. From NZS 3604.

- 1) Layout of bracing to Foundation plan is positioned where height of poles is sufficient to make them effective.
- 2) Subfloor braces comply with clause 437(a) and clause 49 being 100 x 75 timber fixed as is on plan.
- 3) Poles comply with clause 4522 being 300 to 3000 high, clause 4533: 150 diameter minimum, and clause 4554 treated to TPAC2.
- 4) From table 3, pole footings must be 480mm diameter min.

Depth of pole footings from clause 4544.

ordinary poles : 200

Cantilevered or braced poles : 450

Depth of pole embedded in footing from clause 4544

ordinary poles : 100

Cantilevered or braced poles : 350

Concrete block Foundation

230 x 75 Conc Footing bearing on natural ground. Three Conc blocks high min. with 2/D12 bars & R6 ties at 600 c/s.

2.

Excavate for foundation walls, etc to a minimum depth of 300 below ground level, or more to solid bearing.

CONCRETE Concrete shall be 6 parts metal to 1 part cement with only sufficient water added to make a workable mix. Concrete shall be machine mixed and gently tamped. Metal and sand shall be clean, sharp and free from loam.

Concrete may be Read-mixed to a minimum crushing strength of 17.5 MPa after 28 days curing.

FOUNDATIONS All foundation walls to be continuous and to be as detailed on drawing.

CONCRETE BLOCK WALL To be as detailed on drawing. Blocks shall be 400 x 200 x 200, to be laid true and plumb to a plane surface. Joints shall be 9mm thick full with of wall and pointed flush. All cells containing reinforcing shall be filled with grout and be well rodded and tamped. ~~Exterior of wall to be painted with two coats of bitumastic paint before backfilling. A perforated drain encased in metal to be laid around foundation wall before backfilling.~~

CONCRETE FLOOR

~~To bedrooms etc. area, to have a min. of 75mm of granular material not larger than 20mm dia. or less than 10mm dia; to be covered with 50mm of clean coarse sand to form an even bed for the polythene. To be covered with .005 polythene dampcourse with all joints sealed and tedges turned up around foundation wall and taken under bottom plate, care to be taken not to puncture film. Pour 100mm thick concrete reinf. with 665 HRC mesh, floor to be power floated absolutely smooth and level.~~

CONCRETE SLABS at entrances, shall be 100 thick concrete reinf. with 665 HRC, left ready for plastering. Front entrance slab to be thickened 400 x 400 x 150 under post support.

CARPENTER AND JOINER

All timber shall be the best of its respective kind. All framing timbers shall be treated pine, No.1 framing, bored or notched for ventilation. Between all timber and concrete surfaces, place a layer of malthoid dampcourse.

SCHEDULE OF TIMBERS

Floor joists - 225 x 50 at 450 crs; 75 x 50 dwangs under particle board joints.
Top and bottom plates - 100 x 50
Top plate to ground floor framing - 100 x 75
Studs - 100 x 50 at 400 crs; non-bearing partitions 75 x 50 at 400 crs.
Dwang - 100 x 50 (or 75 x 50) at 600 crs.
Braces - 100 x 25 internal walls; 150 x 25 external walls; or strip metal bracing; at 45 degrees.
Lintel beams - openings up to 1.350 - 100 x 75
 openings up to 1.800 - 100 x 100
 openings up to 2.250 - 125 x 100
 openings up to 2.700 - 150 x 100
 openings up to 3.600 - 200 x 100

Trimmer studs - 100 x 75 or 2/100 x 50 over 1.200 opening.
 Roof trusses - "Gang-nail" or similar at 900 crs; details to be supplied by manufacturer.
 Rafters - 100 x 50 at 900 crs
 Ridge and valley boards - 200 x 25
 Valley rafter - 150 x 40
 Roof struts - 100 x 50 at 1.500 crs
 Stringers and under purlins - 100 x 50
 Collar ties - 150 x 25 on alternate rafters
 Ceiling joists - 100 x 50 at 500 crs max.
 Ceiling runners - 100 x 50 spans which exceed 2.400
 Ceiling dwangs - 50 x 40 continuous ceiling battens at 600 crs or to suit Pinex tiles.
 Soffit framing - 100 x 50 at 450 crs
 Fascia board - 150 x 25
 Purlins - tile battens as required for Decrabond tile roofing.

Bottom plates to be securely fixed to concrete at 1.350 crs max.
 Space studs at not more than 400 crs. Frame all angles with 3 studs. Provide 3 rows of dwangs to all walls. Cut diagonal bracing in flush with faces of studs at an angle of 45 degrees approx. to provide continuous bracing to all walls and partitions.
 Top plate to ground floor framing shall be 100 x 75. Provide double studs under end of garage beam.

Roof pitch shall be 20 degrees. Construct roof with roof trusses at 900 crs and framing as previously specified. Lay tile battens in long lengths set out as specified by the makers of Decrabond roofing tiles.

Dwang all eaves with 100 x 50 dwangs at 450 crs. Soffit overhang shall be 750mm.

Construct ceilings of joists etc. where trusses stop. Provide 50 x 40 continuous dwangs at 600 crs or to suit tiles. Trim for ceiling access doors at each ceiling level, and where directed by owner. Ceiling over stairs to upper floor to be sloping.

ROOF Cover the whole roof area with Decrabond tile roofing, to be fixed strictly in accordance with the manufacturer's specifications. Colour to be selected by owner.

EAVES To underside of eaves and porches, fix flat fibrolite with galv. clouts and aluminium jointing strips. Fascia board ex 150 x 25, grooved for fibrolite.

EXTERIOR WALLS All framing to be covered with building paper, lapped 50mm and tacked.

Brickwork - specified under Bricklayer and Plasterer.

Fibroplanks and Highline or similar to be fixed where indicated and strictly in accordance with the manufacturer's specifications.

INSULATION

To all exterior wall framing place R11 fibreglass batts. To all ceiling framing, place R14 fibreglass batts.

INTERIOR LININGS Line all walls with first grade Gibraltar board. This includes the inside of all cupboards and wardrobes.

Line all ceilings with Pinex tiles as selected by owner and fixed to the manufacturer's instructions. Finish with Pinex scotia or as selected by owner. Fit in ceilings where trimmed for, a removable manhole cover.

WINDOWS and ranchslider shall be white aluminium framed, of a manufacture approved by owner. They shall be awning opening or fixed as indicated on elevations. Ranchslider to have vision rails fitted.

Glaze bathroom and W.C. sashes with selected obscure glass, and the remainder with best quality clear glass.

DOORS

Front door - 1.980 x 860, 3 raised panel solid door or as selected by owner. Sidelight and window to stairs as indicated, selected obscure coloured glass.
Back door & Balcony 1.980 x 760, white aluminium framed glazed door as indicated or as selected by owner.

Main interior doors - 1.980 x 760, flush mahogany veneer.
Bathroom & W.C. doors - 1.980 x 660, flush mahogany veneer.
Wardrobes, linen, HWC., - 1.980 x 610, flush mahogany veneer.
Broom cupboard - 1.980 x 460, flush mahogany veneer.
Pantry - 1.980 x 1.200 overall, divided and bi-folding, flush mahogany veneer.

SKIRTINGS & ARCHITRAVES shall be ex 75 x 19, and as selected by owner. Provide all other finishing timbers as required.

KITCHEN FITTINGS shall be constructed of treated pine. All cupboard doors, drawer fronts etc. shall be mahogany veneer as selected by owner. All cupboards, shelving, drawers etc. to be as directed by owner. All bench tops, break-fast bar top etc. to be selected Formica.

HOT WATER CUPBOARD Provide full width row of slat shelving above cylinder, and three rows of slat shelving up side of cylinder, spaced as directed by owner.

LINEN CUPBOARD Provide five rows of full width shelving.

Broom cupboard

Provide two 300 wide shelves at 1.500 and 1.800 above floor, or as directed by owner.

WARDROBES

Provide two 300 wide shelves at 1.500 and 1.800 above floor. Provide coathanger rail under lower shelf.

BATHROOM

Frame up bath and line front with selected formica wallboard, recess toespace. Fit around bath to height to vanity unit upstand, a formica upstand. Set in upstand, a double size plastic soap recess.

Allow the P.C. sum of \$450 for a vanity unit to be selected by owner. Fit in position.

Line shower recess as required for fitting of a moulded fibreglass shower cabinet supplied by Plumber.

W.C.

Trim as required for recessed wall basin. Set in wall where directed a plastic toilet paper holder recess.

TUB

Obtain stainless steel tub from Plumber and build into a cupboard unit with a formica splashboard behind. Set in splashboard a single size plastic soap recess.

HARDWARE

Allow the P.C. sum of \$200 for hardware to be selected by owner.

BRICKLAYER AND PLASTERERBRICKWORK

All bricks shall be as selected by owner, samples to be submitted to owner for selection. Allow to point all brickwork as directed by owner. Use sill bricks under all windows. Fully flush all joints with mortar, rake as work proceeds, joints shall not exceed 9.5mm. Secure brick wall to timber framing (leaving 40mm cavity) with galv. iron wire ties at 400 cns horizontally, and 300 cns vertically, and at all openings, angles and ends of walls. Lay galv. wire bonding mesh to every fourth course. Bed ties properly into brickwork and secure with galv. staples to timber framing. Leave open joints at 900 cns in top and bottom course for drainage and ventilation of cavity.

ELECTRICIAN

GENERAL The whole installation shall be done in accordance with the 1961 N.Z. Wiring Regulations. Wirings shall be in T.P.S. cables of appropriate ratings.

MAINS & SWITCHBOARD Instal underground mains cable from supply to switchboard position where directed by owner.

Provide and fit up switchboard where directed by owner and leave in perfect order.

All to be strictly in accordance with the Power Board's Regulations.

LIGHTS shall be wired on a minimum of 2 circuits. Allow for 14 ceiling lights; 2 wall lights; 3 soffit lights; two sets of 2-way switching.

All light and switch positions to be where directed by owner. All switches shall be flush ivory rocker type. Provide suitable sized lamps at each light outlet.

POWER POINTS Allow for 16 single switched power points; 1 power point with T.V. outlet combined; shaving socket in bathroom. Wire T.V. outlet with appropriate tape leaving sufficient for connection to aerial.

All power points to be where directed by owner. Power points to match lighting switches.

STOVE Allow the P.C. sum of \$1100 for the supply of a wall oven and cooking top to be selected by owner. Allow to wire in position as required by the manufacturer.

GAS FITTER

Run supply from city gas main to meter position to be placed where approved by owner. Run supply to hot water cylinder and heater.

HOT WATER CYLINDER Provide and install a 135 litres hot water cylinder complete with feed pipe, sludge cock, overflow and valves etc. and leave in perfect working order. Hot water cylinder to be as selected by owner.

GAS HEATER To be supplied by owner. Provide all connections, flue etc. as required.

PLUMBER AND DRAINLAYER

All work is to be carried out in accordance with the Plumbing and Drainage Regulations 1978. Anything not specified but necessary in accordance with the above regulations and the Wanganui City Council By-laws must be allowed for by the plumbing contractor in his price.

FLASHINGS In general, the whole of the building shall be flashed wherever necessary in 24g. galv. iron.

SPOUTING & DOWNPIPES shall be P.V.C. and as selected by owner, and installed strictly in accordance with.

the manufacturer's instructions.

COLD WATER Connect water from the city supply in 12mm PVC tubing min. 600mm into ground, and run to all fittings.

HOT WATER SUPPLY Gas hot water cylinder to be supplied and installed by Gasfitter. Run supply to all fittings. Hot water piping to be drawn copper tube with welded joints, all to be properly lagged with hair felt wired on.

TAPS Interior taps, valves etc. shall be chromium plated of standard patterns, and to be selected by owner. Allow for two exterior taps fitted for a hose fitting.

WASTES Wastes shall run to gully traps in diameters to suit the regulations and shall be well supported with galv. channel.

GULLY TRAPS shall be level inlet type placed where required and shall have side built up in concrete finished smooth. Provide cast iron grating.

VENTS Vents shall be placed where required and shall be 80mm PVC finished with a wire cowl.

DRAINS shall be run from vents, gully traps, soil pipes etc. in first quality 100mm G.E.W. pipes with joints set in 2 to 1 cement mortar; or other approved piping may be used. Pipes to be laid in easy bends and even falls not flatter than 1 in 60. Connect to the city sewer.

STORMWATER All stormwater is to discharge into a 90mm P.V.C. pipe and to discharge into kerb and channel or connection if provided.

FITTINGS

Bath 1.675 x 765 flat top porcelain enamelled pressed steel bath as selected by owner, and set low for framing in.

Vanity Specified under Carpenter and Joiner.

Shower Provide and instal a moulded Fibreglass shower base and walls, complete with water mixer and control and shower rose, all as selected by owner.

W.C. Best quality ceramic washdown pan with "Caroma" Uniset cistern, seat, flap etc. all as selected by owner.

Basin Provide and instal a recessed wall hand basin as selected by owner.

Tub Allow the P.C. sum of \$55 for a stainless steel tub to be selected by owner. Joiner to build into a cupboard unit. Allow to instal in position.

Sink bench Specified under Carpenter and Joiner.

PAINTER AND PAPERHANGER

PAINT All materials to be of the best obtainable and to the NZSS. All colours to be selected by owner.

EXTERIOR WOODWORK All exterior woodwork to be given one coat of

priming before fixing. Stop all nail holes and defects with best quality oil putty, apply two undercoats and one of full gloss paint as directed by owner.

EXTERIOR WALLS ETC. To all fibroplanks, highline, fibrolite on eaves etc., plastered foundation wall, give 2 coats of P.V.A. or similar approved paint.

INTERIOR WALLS All joints and nail holes in gibraltar board to be stopped and trowelled to a smooth even surface. All gibraltar board to be given one coat of glue size or similar before papering is carried out. All papers to be cut true and square, butt jointed, patterns matched, hung true and plumb, and left free of all defects and disfigurements.

Allow the P.C. sum of \$15 per roll, all papers to be selected by owner. Allow to paper all walls, including inside wardrobes and cupboards.

CEILINGS Pinex tiles to be given one undercoat, and one finishing coat as directed by owner.

INTERIOR WOODWORK Consult owner as to which woodwork is to be painted or varnished.

Woodwork to be painted to receive one coat of primer/undercoat. Stop all nail holes and defects, apply one undercoat and one coat of approved enamel.

Woodwork to be varnished to be given a coat of sanding sealer. To have all nail holes and defects stopped in matching colour, and be given two coats of clear varnish, gloss as directed by owner.

I, DONALD VICTOR ANDERSON, being registered under the provisions of the Engineers' Registration Act 1924, and currently holding an Annual Practising Certificate, hereby certify that I have supervised the design of and the computations for the Standard Trusses detailed on our Drawings numbered H2301/A501, A502, B501, B502, C502, D501, G501, G502, HT500, HT501, HT502, 1501, 1502, 1503, M501, M502, P400 and P600, P800 and P1000 and C501, issued July, August and September, 1974, H2464/HT503, HT504, and HT505 issued September 1975, and H2493/M601 issued November 1975.

FURTHER CERTIFY that these Standard Trusses have been designed in accordance with sound and widely accepted engineering principles; that they have been designed to support the dead, live and wind loads as noted on the drawings, and further that I have ascertained to the best of my ability that the stresses and combinations of stresses in the various materials of construction under the above loads will not exceed the maxima to ensure safety and stability if constructed in accordance with these plans.

NOTE: This certificate does not cover the overall design of any building in which these trusses may be used.

D. V. Anderson

D. V. Anderson, B.E.
22.11.75

For and on behalf of:

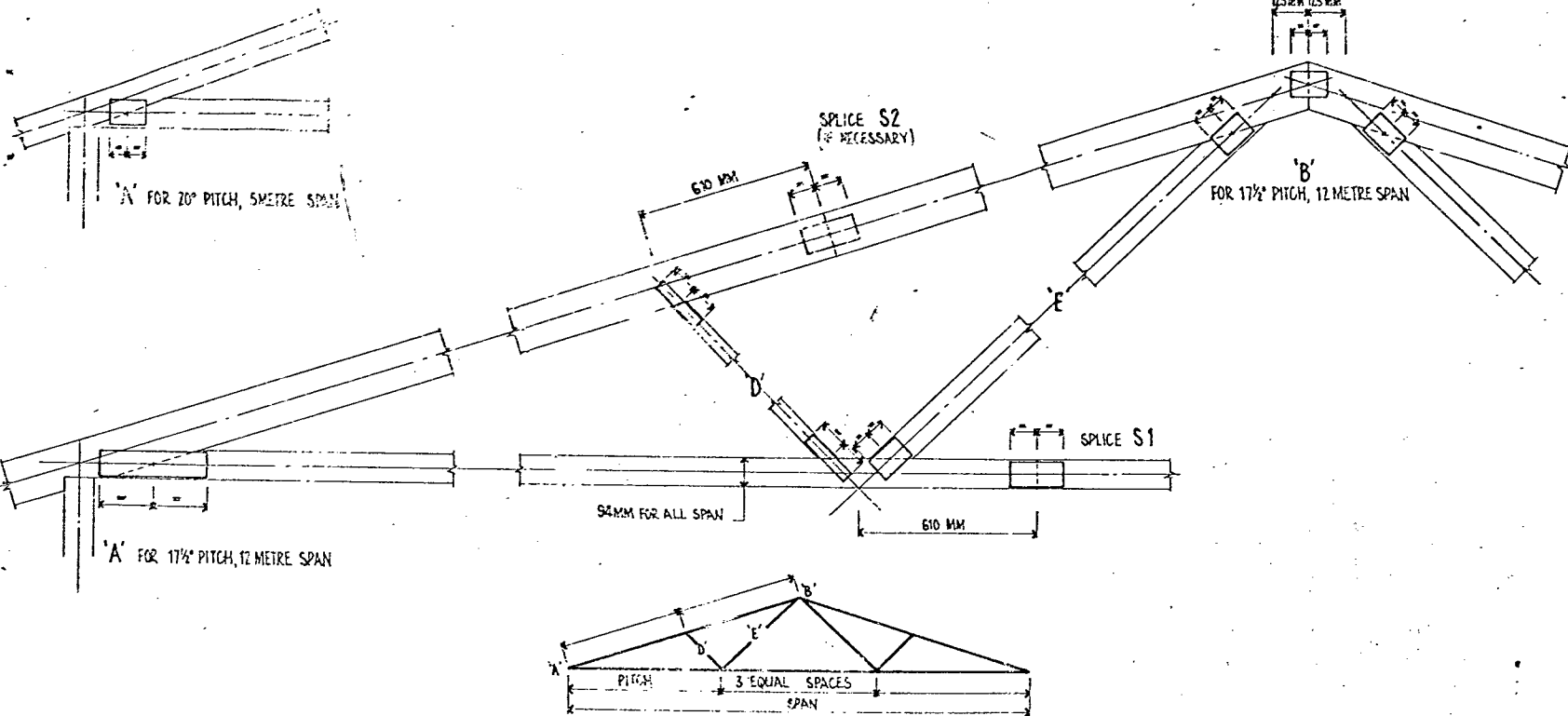
POWELL FENWICK & JOHNSON,
Consulting Engineers.

SPECIAL NOTES

1. IN TABLE DESIGN DEN MEAN ONE 12M
PLATE ON EACH SIDE OF JOINT.
2. GABLE: BOTTOM CORNER AT CENTRE
3MM PER 1200MM OF SPAN.

NOTES

1. Plates are "Pryde" type 1.2mm gauge
galvanised steel applied to both
sides of joints.
2. Plates are not recommended for
highly corrosive atmospheres
without further protection.
3. All plates symmetrical on joint
except where shown otherwise.
4. Particular care must be taken
to have clean timber for all
small sizes of timber.
5. No changes shall be made to the
details shown. Any variation will
require specific re-design.
6. The Standard Trusses are designed
to span full length between
external walls without reactions
from internal partitions. There-
fore a gap of approximately 6mm
should be provided between truss
and all internal partitions
during construction.



DATA

Pitch	17 1/2° OR 20°
Span	5 METRES TO 12 METRES
Spacing	1 METRE C.C.
Can'tilever	NIL
Overhang	750 MM. MAXIMUM
Roofing	CORRUGATED IRON
Purlins	
Ceiling	GIB. BD OR FIB. PLSTR.

TIMBER STRESS CLASS	PINUS RADIATA SELECTED AS DEFINED IN NZS 1900 CHAPTER 9.1 (APPROXIMATE AND AUSTRALIAN EQUIVALENT SHOWN IN BRACKETS)
MOISTURE CONTENT	22% MAXIMUM

DESIGN

Dead load	383 Pa
being roof plane	193 Pa
and ceiling plane	190 Pa
Live load	287 Pa
Wind load	612 Pa
Max. downward force each support	670X (1/4 SPAN IN) METRES
Max. wind uplift at each support	400X (1/4 SPAN IN) METRES

NAIL DESIGN LOADS

Dead	89N PER NAIL
Dead + live	190 N PER NAIL
Dead + wind / EO	133N PER NAIL
Dead + conc. L.L.	
Plan	
Elevation	
Joints	
Stress diagram	

17 1/2° PITCH													20° PITCH												
5M	5.5M	6M	6.5M	7M	8M	8.5M	9M	9.5M	10M	11M	11.5M	12M	12M	11.5M	11M	10M	9.5M	9M	8.5M	8M	7M	6.5M	6M	5.5M	5M
16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	40'	38'	36'	34'	32'	30'	28'	26'	24'	22'	20'	18'	16'
100	100	100	100	100	100	125	125	125	125	150	150	150	150	150	150	125	125	125	100	100	100	100	100	100	100
1905	1753	1600	1448	1321	1194	1073	956	846	743	647	557	473	1194	1295	1397	1168	1270	1397	1092	1245	1397	1549	1727	1905	2083
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100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2388	2220	2057	1905	1778	1651	1524	1407	1290	1183	1076	969	862	1346	1473	1592	1219	1346	1473	1626	1727	1880	2032	2184	2362	2562
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
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4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N
6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N	6N
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ALL DIMENSIONS IN MILLIMETRES
UNLESS SHOWN OTHERWISE.

TRUSS SPAN IN METRES

TRUSS SPAN IN FEET

RAFTER 50 X IN MM

WITH LATERAL BRACING NOT FURTHER APART THAN

50 X IN MM

DIAGONAL D 50 X IN MM

DIAGONAL E 50 X IN MM

RAFTER 50 X IN MM

WITH LATERAL BRACING NOT FURTHER APART THAN

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DIAGONAL D 50 X IN MM

DIAGONAL E 50 X IN MM

APEX PLATES AT B

EAVES PLATES AT A

50 X CHORD SPLICE PLATES AT S1

TOP CHORD SPLICE PLATE AT S2

PLATES EACH END OF MEMBER D

PLATES EACH END OF MEMBER E

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APEX PLATES AT B

EAVES PLATES AT A

BOTTOM CHORD SPLICE PLATES AT S1

TOP CHORD SPLICE PLATE AT S2

PLATES EACH END OF MEMBER D

PLATES EACH END OF MEMBER E

MANUFACTURED BY
AR. TURNER & CO. (NEW ZEALAND) LTD.
NIVEN STREET, ONEKAPOTI, NEW ZEALAND.
Phone 436011
TELEGRAPHIC AND CABLE ADDRESS "PRYDEWARE"

DISTRIBUTED BY
AR. TURNER & CO. (NEW ZEALAND) LTD.
EILEEN ROAD, CLAYTON SOUTH,
MELBOURNE 3169, VICTORIA, AUSTRALIA.
TELEPHONE 547-4574, MELBOURNE.

CONSULTING ENGINEERS
ROWELL FENWICK & JOHNSON
DESIGN CENTRE, 58 TENNYSON STREET, NAPIER.
SECURITIES HOUSE, 126 THE TERRACE, WELLINGTON 1.
137 VICTORIA STREET, CHRISTCHURCH 1.
258 PARNELL ROAD AUCKLAND 1.

DOMESTIC TRUSS
TYPE B
METAL ROOF
17 1/2° AND 20° PITCH

JOB REF: H2301
ISSUE: AUG 1974
TRUSS REF: M502

full span roof trusses

2nd floor load allow for DL + LL. 2.5 kPa for likely wall loads.

joints 200x50 at 600mm
carry 2.5x6 = 1.5 kN/m.

Span = 2.6m approx

2nd 200x50 c/c in = 3 kN/m c/c.

Beams span 3m

load = 2.6x2.5 = 6.5 kN/m

300x100 c/c for 2.8 kN/m c/c.

150 mm p. parapets on for the load with footing as per code.

1st floor is particle board, this will act as a diaphragm over total of house

In longitudinal direction - rear boundary wall is continuous length with rafting rear of house

At house 3m wide require $\frac{5}{5} \times \frac{8}{5} = 5.76$

additional longitudinal braces in balance enough for overloading clause 4.3.3 112.3604

Provide 8 braces distributed throughout with 3 in outside wall line and others as shown.

Transverse direction - concrete masonry foundation will provide the equivalent of 2 braces at corners

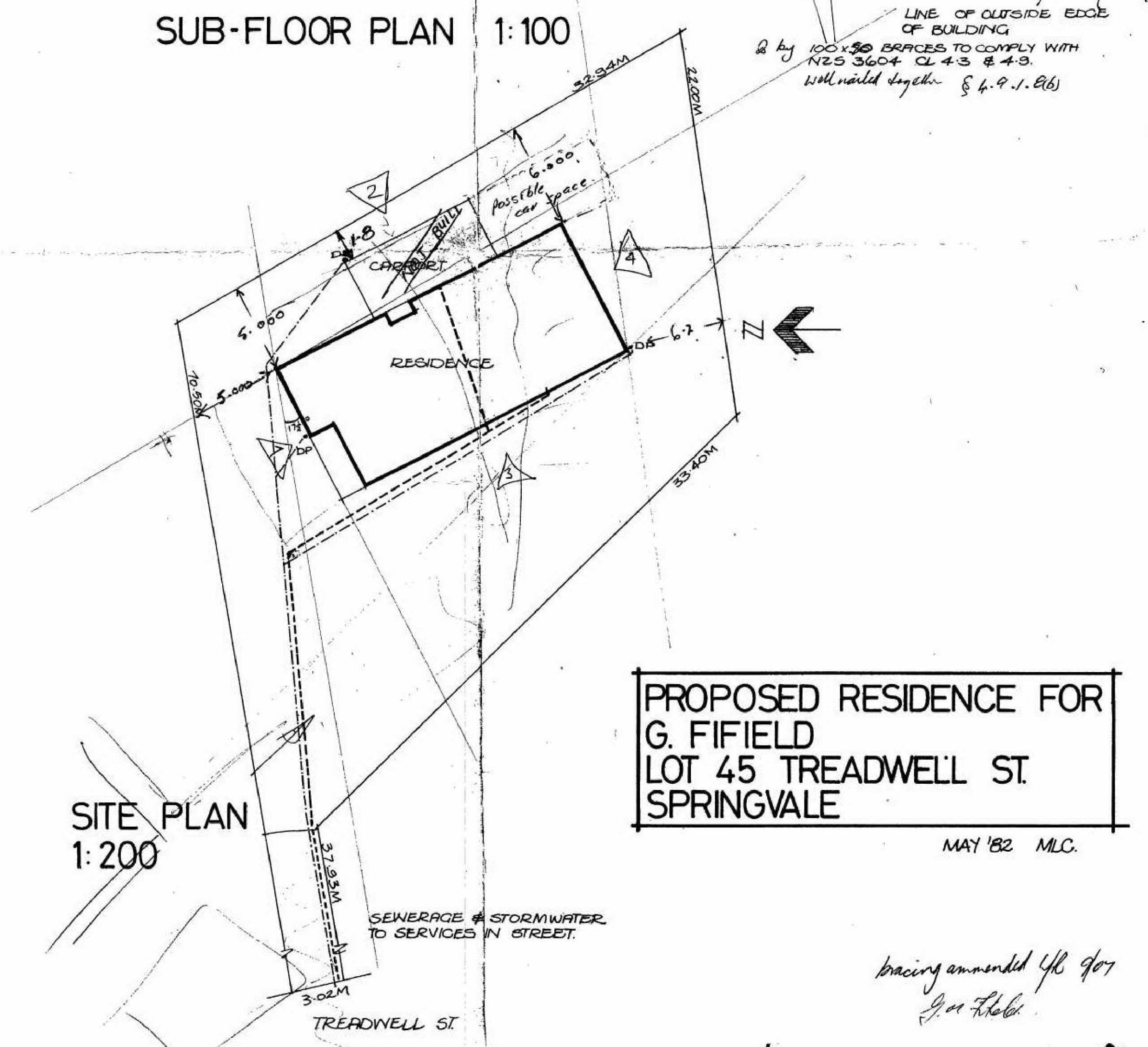
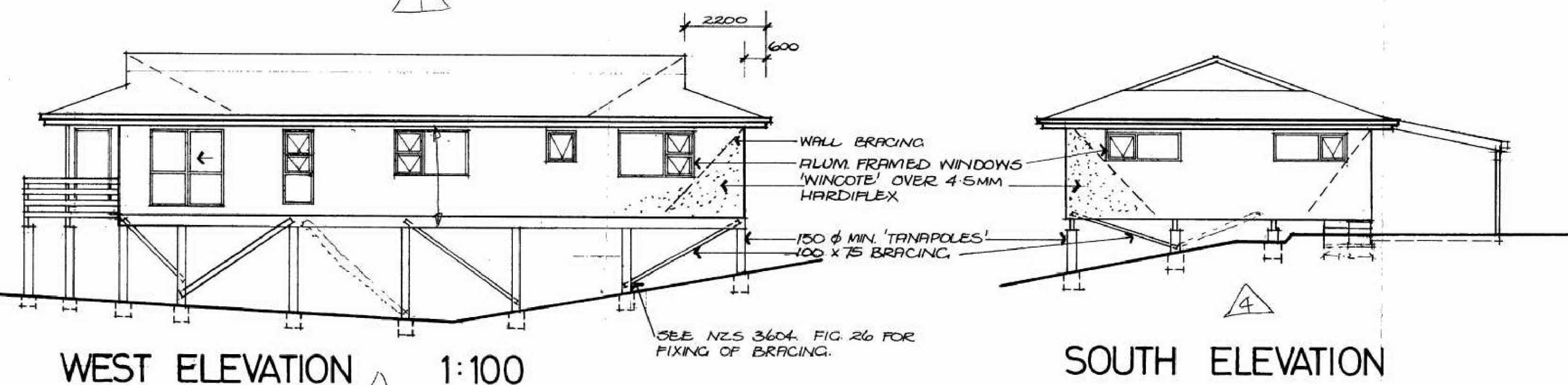
2nd Require approx $\frac{18 \times 8}{515} = 2.8$

Require 4 braces in lateral direction provided where shown - overloading

by 5m x 5m bay clause - provide as shown

All connections to be as specified in

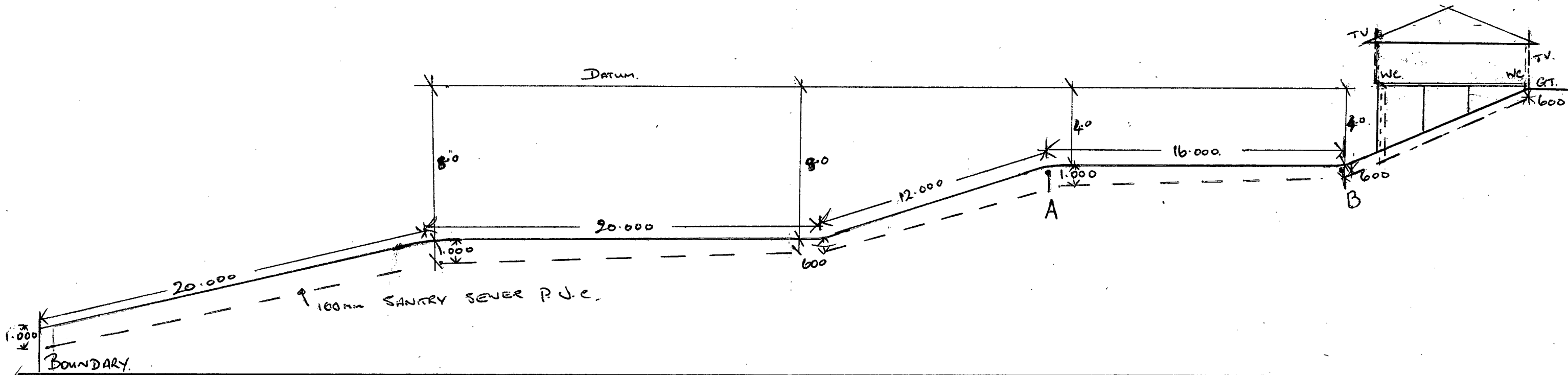
112.3604



PROPOSED RESIDENCE FOR
G. FIFIELD
LOT 45 TREADWELL ST.
SPRINGVALE

MAY '82 MLC.

bracing amended YR 907
J. or F. H. C.



34 TREADWELL ST.

FIFTH 34 TREADWELL ST.

SERVICE TESTED

FOUL DRAINAGE

STORM DRAINAGE

CITY WATER SUPPLY

PRIVATE WATER SUPPLY

HOT WATER SUPPLY

SEWER VENTS

BACK VENTS

W.C.

SINK

BATH

SHOWER

BASIN

TUBS

CEILING VENT

HEATING

SWIMMING POOL

METER

DANGEROUS GOODS

N. HEAD 18.7.82

Inspector

M. Boudha

Date

WANGANUI CITY COUNCIL

Nº 4003

PLUMBING AND DRAINAGE INSPECTION SHEET

REG. PLUMBER M/S

AND/OR DRAINLAYER

is/are hereby authorised to carry out the work described herein and set out in the plans deposited in this office, on the premises.

AND SITUATED IN

34 TREADWELL ST

LOT

45

D.P.

508.35

SECT.

OWNED

OCCUPIED BY

B. V. FITZGERALD

DESCRIPTION OF WORK

DRAINAGE

ESTIMATED VALUE OF WORK:

PLUMBING

\$

RECEIPT No.

ORA

DRAINAGE

\$

TOTAL

\$

1008.00

FEE PAID

\$32.00

Such work is to be carried out in strict accordance with the Drainage and Plumbing Regulations.

P. M. BARNES, City Engineer.

Inspector

M. Boudha

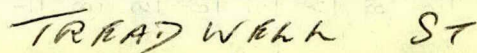
DATED THIS

12th

DAY OF

July

1982



WANGANUI CITY COUNCIL2193
BUILDING PERMIT

Owner: G.M. FIFIELD

Footway No.: 4947

Builder: OWNER

Valuation No.:

Type of Work: DWELLING AND CARPORT

Permit No.: A 32322 *

\$55,000

20.7.82

INSPECTIONS

DATE		* P.T. U/G
13.1.82	Holes for poles	
4.8.82	Part Frame.	
30.8.82	Frame.	
15.9.82	Closed in	
13.10.82	Finishing	
7.11.82	"	
17.12.82	"	
18.2.83	" Occupied	
5.4.83	Completed.	A/c. Fwd damage

34 TREADWELL

45

DPS

50835

Section

Block

WANGANUI CITY COUNCIL

BUILDERS DEPOSIT

Deposit No. 4947 Building Permit No. 32392

Depositor: G. M. Field

Address: 70 21 Karame St.

Owner: "

Lot 45 Sec. D.P. 50835

Street: 34 Treadwell

Description dwell & apart

Date 22-7-82 Amount \$130-00

Charges — Inv. No. —

Refund \$130-00 Veh. No. —

Building Inspector W. P. H. H.

Date 10-5-83

VALUATION ROLL No.

LEGAL DESCRIPTION

5272

14/98/14

Lot 45 Dr ~~Pa 40835~~ 50835

34 Treadwell St.,

DRAINAGE & PLUMBING PERMITS

BUILDING PERMITS

Existing Use

Permit No. ☒ Date

Permit No. Date

Nature of Work

4003

12.7.82

A 32322 ✓

20.7.82

DWELLING & ~~CARPORT~~

NOT BUILT

A 74496 ✓

31.1.83

GARAGE

B 007200 ✓

28.9.83

ALTER DWELLING BASEMENT

S129

10.3.93

Add + Alt Dwelling

J52950 ✓

13.11.91

ADD CONSERVATORY

J62154 ✓

27.11.91

EXTEND DINING RM

Designation

Zoning

Undersize Section

Building Line Restriction

Proposed Street

Proposed Service Lane

Proposed Access Way

Conditional Use

File:

Specified Departure

File:

Dispensations

Reference

Date

Dangerous
Goods Licence

Fill Points

Housing File No.

Underground Tank

Type

Capacity
gals

Water Connection

Reg. No. •

Amt. Paid.

EXIST

Water Meter

Water Bore

Drainage Connection

Reg. No.

Amt. Pd.

EXIST

Pool

Filtered

Unfiltered

Back Flow
PreventerStormwater
Connection

Reg. No.

Amt. Pd.

EXIST

Heating

Gas

Oil-fired

Coal-
Wood

Electric

Other

Kerb Crossing

Reg. No.

Amt. Pd.

EXIST

Processed 13/1/91

Processed 3/12/91

Subdivision Conditions	Yes	Easements	See above
	No		None

SCALE: