

HEAD OFFICE DATE STAMP

DATE _____

PRIVATE BAG, OREWA

WARKWORTH 8538**ROAD DAMAGE DEPOSIT**

BUILDING PERMIT APPLICATION FEES

ESTIMATED VALUE OF WORK

(a) Not Exceeding \$	\$	500	\$	8.00
From	501	1,000		15.00
	1,001	2,000		20.00
	2,001	4,000		30.00
	4,001	6,000		40.00
	6,001	8,000		50.00
	8,001	10,000		60.00
	10,001	15,000		90.00 ✓
	15,001	20,000		110.00
	20,001	25,000		125.00
	25,001	30,000		140.00
	30,001	35,000		155.00
	35,001	40,000		170.00
	40,001	50,000		185.00
	50,001	60,000		200.00
	60,001	70,000		215.00
	70,001	80,000		230.00
	80,001	90,000		245.00
	90,001	100,000		260.00
	100,001	120,000		275.00
	120,001	140,000		290.00
	140,001	160,000		305.00
	160,001	180,000		320.00
	180,001	200,000		335.00
	200,001	250,000		365.00

Above \$250,000 an additional \$10.00 for every additional \$20,000.

BUILDING RESEARCH LEVY

THE LEVY IS \$1.00 FOR EACH \$1,000 (OR PART \$1,000) OF THE TOTAL VALUE.

NOTE: THIS LEVY IS PAYABLE ON ALL WORK VALUED \$3,000 AND OVER.

INSPECTION FEE FOR OLD OR USED TIMBER OR SECONDHAND BUILDINGS

- (i) Inspections outside County — \$50.00
- (ii) Inspections within the County — \$20.00

Provided that where an inspection is required outside the radius of 65 kilometres from the appropriate District Office or Head Office of the County, Public Service mileage rates shall be levied in addition to the above charges.

LOCALITY SKETCH TO SHOW LOCATION OF BUILDING SITE

INSTRUCTIONS FOR OBTAINING A BUILDING PERMIT

1. PLANS TO BE SUPPLIED ARE AS FOLLOWS

TYPE OF BUILDING	TYPE OF PLAN	INFORMATION
(a) SHEDS GARAGES CARPORTS ADDITIONS FARM BUILDINGS ETC.	FLOOR PLAN, TWO ELEVATIONS, CROSS SECTION, AND SITE PLAN	SHOWING EXISTING BUILDING
(b) DWELLINGS, INDUSTRIAL AND COMMERCIAL BUILDINGS	FLOOR PLAN FOUR ELEVATIONS CROSS SECTION SITE PLAN STEEL DETAILS	WHERE SPECIAL DESIGN IS REQUIRED COMPLETE DETAILED PLANS MUST BE SUBMITTED TOGETHER WITH CALCULATIONS

(c) ALL PLANS MUST BE DRAWN TO METRIC SCALE.

(d) PENCIL SKETCHES WILL NOT BE ACCEPTED.

(e) PLANS AND SPECIFICATIONS MUST BE SUBMITTED IN DUPLICATE.

(f) PLUMBING AND DRAINAGE APPLICATIONS MUST BE SUBMITTED WITH PLANS.

2. ALL FEES ARE PAYABLE AT TIME OF APPLICATION.

3. ROAD DAMAGE DEPOSITS MUST BE PAID AT THE TIME OF LODGING A BUILDING PERMIT APPLICATION.

4. REGISTERED VEHICLE CROSSING

(a) UNLESS ALREADY EXISTING, ALL CROSSINGS MUST BE INSTALLED TO COUNCIL'S STANDARDS, EITHER BY THE OWNER OR THE COUNCIL PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK.

(b) IF THE COUNCIL INSTALLS THE CROSSING THE FEE MUST BE PAID BY THE APPLICANT WHEN APPLYING FOR THE BUILDING PERMIT. AN ESTIMATE FOR CROSSING INSTALLATION MAY BE OBTAINED FROM THE DISTRICT ENGINEER.

5. ALL NEW BUILDING SITES

(a) BOUNDARY SURVEY PEGS TO BE LOCATED AND FLAGGED.

(b) SITES TO BE MARKED WITH EITHER OWNER'S OR BUILDER'S NAME BEFORE LODGING BUILDING PERMIT APPLICATION.

6. LOCATION SKETCH (TO ENABLE INSPECTOR TO FIND PROPERTY)

PLEASE ILLUSTRATE IN SPACE PROVIDED ON PAGE 2, A BRIEF PLAN SHOWING LOCATION OF THE PROPERTY CONCERNED.

7. PLUMBING AND DRAINAGE

(a) ALL WORK MUST BE CARRIED OUT BY A REGISTERED TRADESMAN.

(For requirements in rural areas discuss with Health Inspector)

(b) IF A SEPTIC TANK IS TO BE INSTALLED, THE SITE MUST BE INSPECTED BY THE HEALTH INSPECTOR. A PERCOLATION TEST MAY BE NECESSARY BEFORE A PERMIT CAN BE ISSUED.

(c) IT IS MOST IMPORTANT THAT BUILDINGS SHOULD NOT BE OCCUPIED BEFORE COMPLETE PLUMBING AND DRAINAGE SYSTEMS HAVE BEEN INSTALLED AND OFFICIALLY APPROVED.

8. NATURE OF GROUND AND SUB STRATA

THE FOLLOWING INFORMATION SHALL BE GIVEN AS A SIGNED STATEMENT ON OR ATTACHED TO THIS APPLICATION FORM. THE NATURE OF THE GROUND ON WHICH THE BUILDING IS TO BE PLACED AND THE SUBJACENT STRATA. DATA FROM INVESTIGATION AND TESTS SHALL BE SUCH THAT WILL DEMONSTRATE TO THE ENGINEER THAT THE STRATA WILL SUPPORT THE BUILDING WITHOUT DETRIMENTAL SETTLEMENTS.

APPLICATION APPROVED BY

BUILDING INSPECTOR
HEALTH INSPECTOR
PLUMBING & DRAINAGE INSPECTOR
TOWN PLANNING OFFICER
STRUCTURAL ENGINEER
DISTRICT ENGINEER

	DATE
<i>[Signature]</i>	19-10-82
<i>[Signature]</i>	29/9/82
<i>[Signature]</i>	24.9.82

DISTRICT SCHEME ZONING RES A

ELECTRICITY TRANSMISSION LINES PRESENT/NOT PRESENT
SEWER PRESENT/NOT PRESENT
STORMWATER PRESENT/NOT PRESENT
(DELETE NOT APPLICABLE)

INITIALS
[Signature] 5/8/82
[Signature]
[Signature]

PERMIT ISSUED SUBJECT TO FOLLOWING CONDITIONS

1. W.E.P.B to be notified of works.
2. The first ~~main~~ line irrigation line to be cut off from the rest of the effluent disposal system as shown on the plan.

DATE COMMENTS BY OFFICER

5/8/82. Addition over irrigation lines - Parshatun to check. Site steeply sloping down from existing house. Tension cracks evident - Agr cables on poles req'd. Existing house sound. Stormwater overhauled from back to be directed to road. *[Signature]*

8/8/82 Building rule inspected - proposed building over the irrigation line.

15/9/82 Rec'd cables & other necessary info *[Signature]*

16 Laureston Ave
Papatoetue

Rodney County Council
Mr Krishnan

Dear Sir,

Attached please find Plans of Septic Tank & irrigations & their positions affecting the proposed addition on my property at 18 Langton Rd. Stanmore Bay.

It appears, as you suggested that the new addition may partially encroach over the uppermost irrigation trench and you explained that this was not permissible.

Could I offer the following information in the hope that the extension would be allowed to continue proceed.

The new sewerage scheme has already been laid through our area, and I am ready to hook up immediately the scheme is opened.

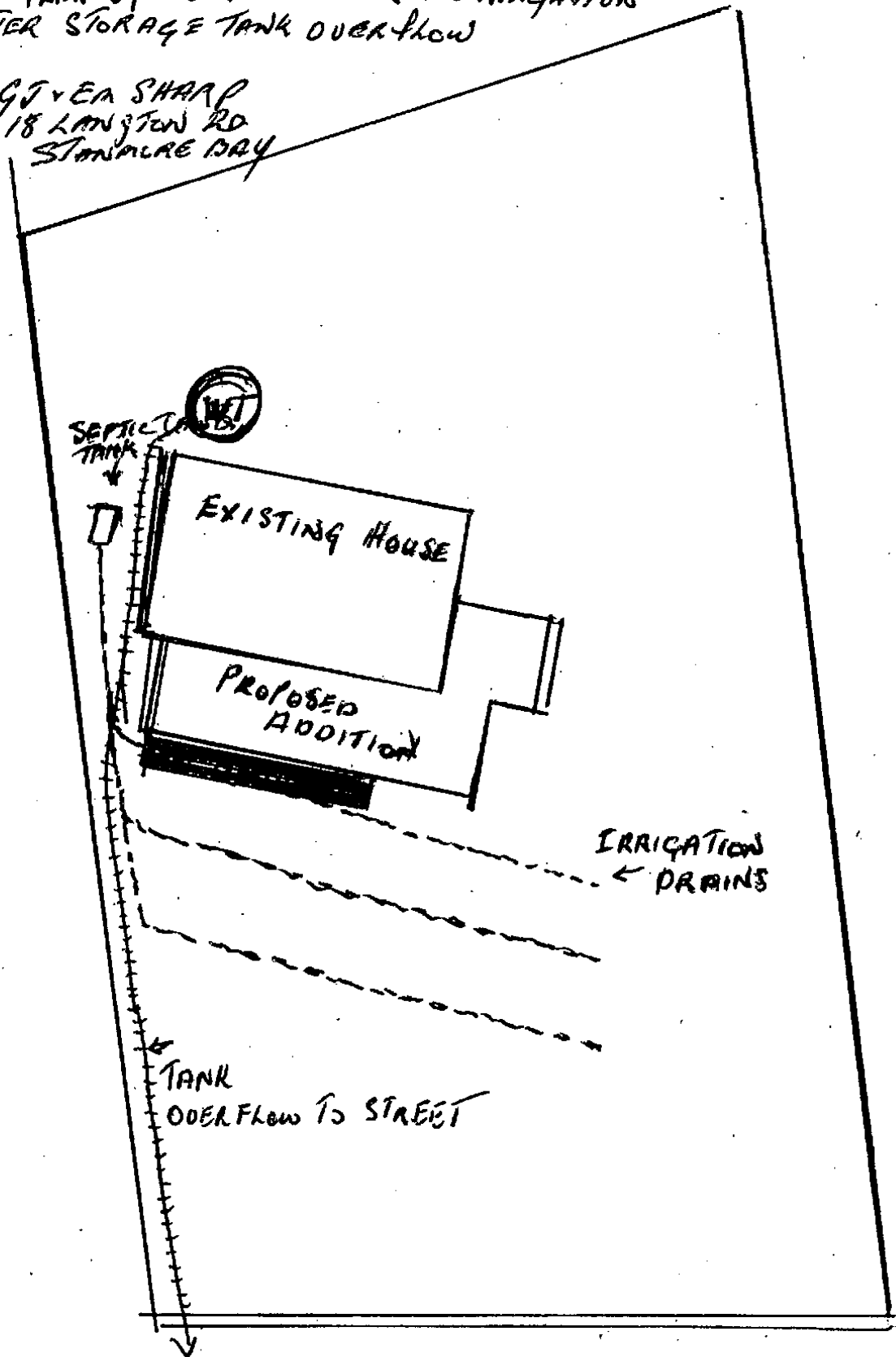
The idea of blocking off the top trench & adding additional irrigation, lower down the section to give the required footage of drainage, you suggested, was a possible alternative.

The cost involved in doing this when the house and the septic tank are only getting minimal use, and with the approach of the summer and the dry weather to come in the months ahead, I wondered if the Council would consider the remaining irrigation sufficient for the short period and the little use to which the septic tank would be required.

Yours Faithfully
J. Sharp

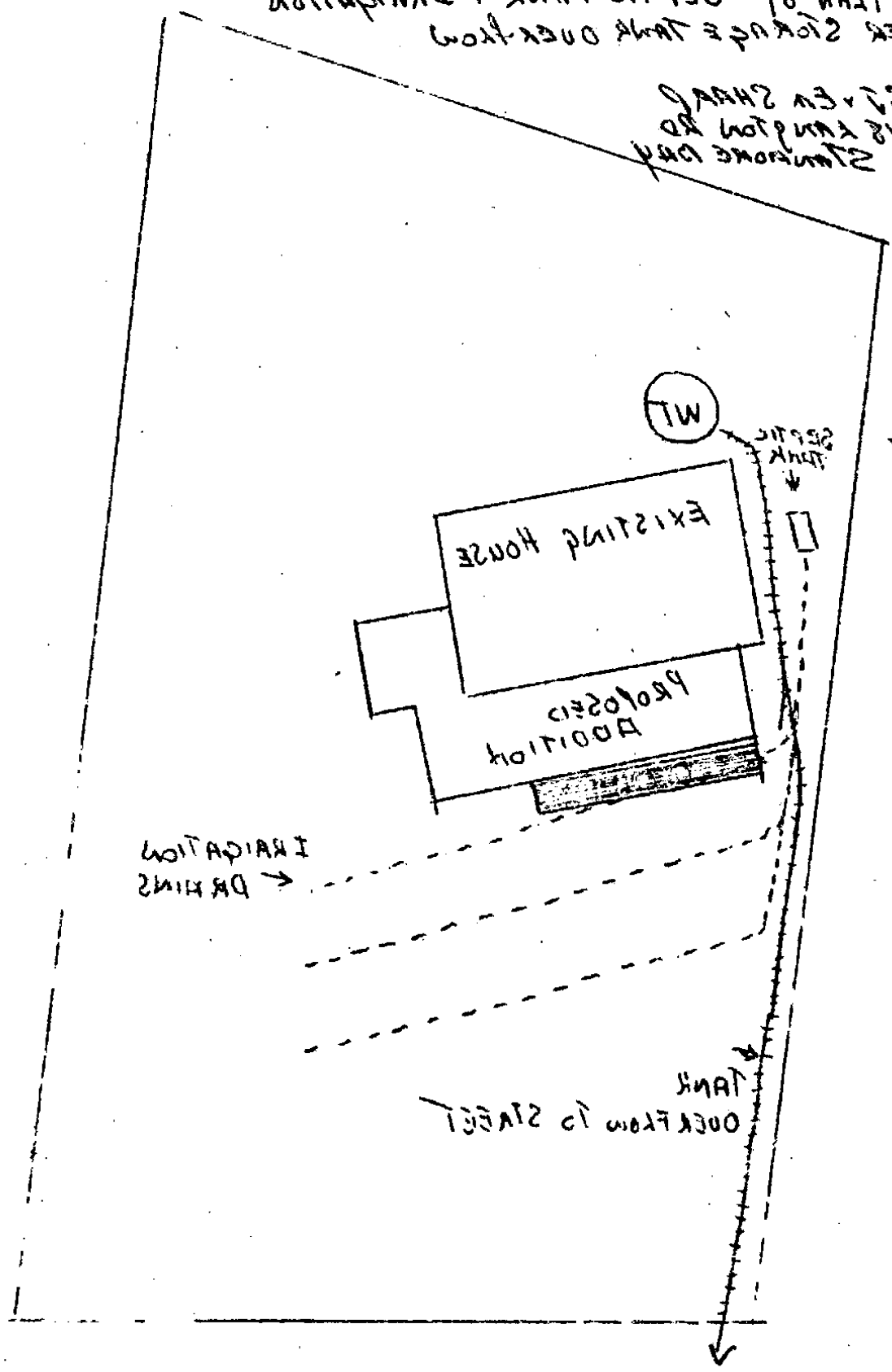
PLAN of SEPTIC TANK & IRRIGATION
& WATER STORAGE TANK OVERFLOW

AT PROPERTY GUYA SHARP
18 LANGTON RD
STONELAKE DAY



PLAN of SEPTIC TANK & IRRIGATION
WATER STORAGE TANK OVERFLOW

18 KINGSTON RD
STAMFORD CT 06907
12/27/89



DESCRIPTION of Pot Belly STOVE TO BE
INSTALLED IN ADDITION AT PROPERTY GIEM PHANG
18 LANGTON RD STANMORE BAY.

TYPE MASPORT OREGON STOVE. WITH OPEN TYPE FLUE

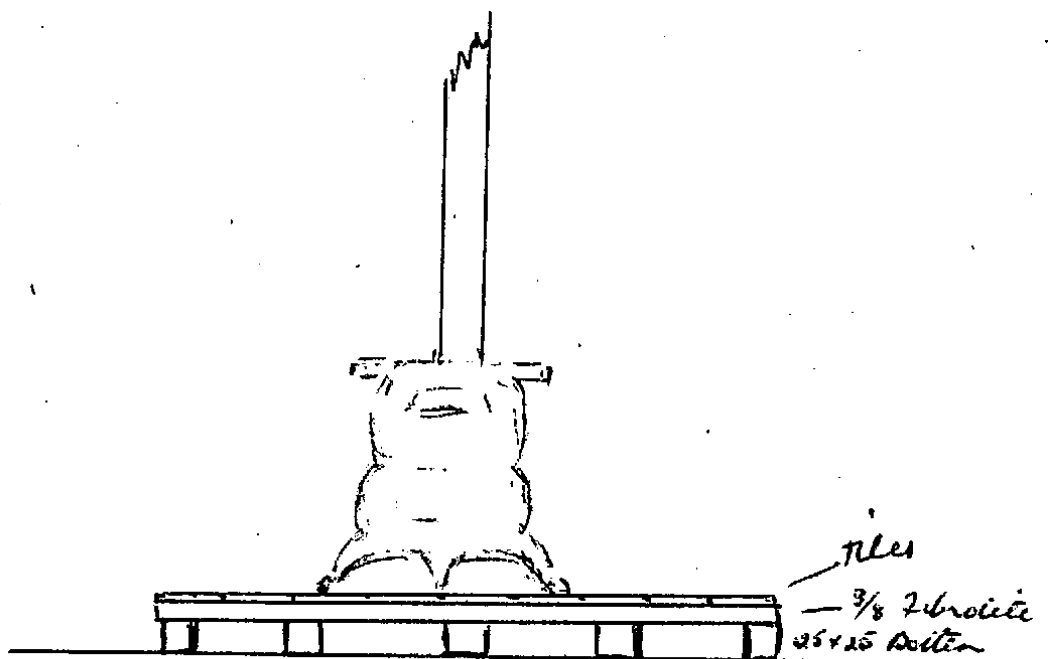
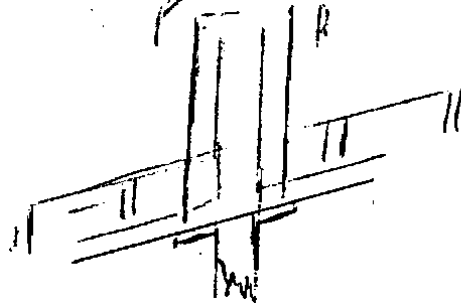
The Position of this Stove will be as shown on plan.

The Unit will be free standing and will be placed well clear of any walls (at least $\frac{2}{3}$ metre clear of side wall)

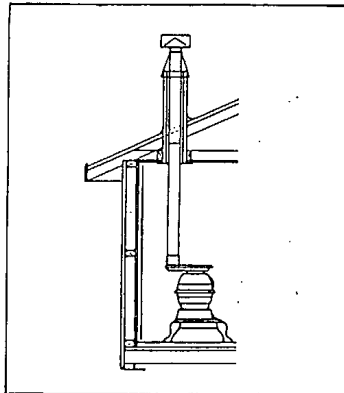
BASE

a Base Measuring approx 1 metre square
Constructed from $\frac{3}{8}$ " Fibrolite, with tiles attached to
the top & with 60×50 cm Battens at 300 mm Centres providing
air circulation between the Base & Floor

CLARK AND SPECIFICATIONS APPROVED SUBJECT TO SUCH CONDITIONS AS ARE TO BE ENDORSED ON OR APPENDED TO BUILDING PERMIT SIGNED: <i>S. J. O'Brien</i> BUILDING INSPECTOR DATE: 14-10-82
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Installation



Minimum wall clearances depend on the nature of the wall material and its construction.

A heat-sensitive wall can be protected by erecting a single or double heat screen, or a brick screen, thus enabling wall clearances to be reduced significantly.

By fitting a single heat screen, and in some cases a flue heat deflector as well, the stove-to-wall distance can be reduced to 250mm, while a double screen arrangement (with flue heat deflector if necessary) can further reduce this distance to as little as 150mm. A specially arranged brick screen can bring stove-to-brick distances down to 150mm.

Masport Pot Belly Stoves must stand on a fireproof floor, or a hearth extending to the wall(s) or at least 300mm beyond the feet in all directions. Solid hearths must be raised to provide an unobstructed airspace of at least 12mm.

Each Masport Pot Belly Stove is supplied with fitting instructions, and if these are followed, the installation will meet the requirements of the Insurance Council of New Zealand.

When installing a stove in other cases we suggest that you enquire about local installation requirements.

Physical Dimensions (mm)	Pittsburgh	Klondike	Fatso	Yukon	Oregon
Front View					
Side View					
Shipping Weight (kg)	71	44	69	37	48
Shipping Dimensions (mm)	W 495 D 460 H 800 .18m ³	W 480 D 380 H 650 .119m ³	W 570 D 515 H 615 .18m ³	W 435 D 380 H 500 .083m ³	W 475 D 475 H 540 .122m ³
Flue Diameter (mm I.D.)	114	114	114	114	114
Minimum Wall clearances (mm)					
Concrete or Concrete Block	200	200	200	200	200
Cavity brick with no heat-sensitive material enclosed	150	150	150	150	150
Bricks against heat-sensitive materials					
— on edge	625	475	450	430	400
— on flat	500	380	360	345	320
Brick screens with specified air space and reflective barrier	150	150	150	150	150
Heat-sensitive walls	1,250	950	900	860	800

Pittsburgh, Fatso, Klondike, Yukon and Oregon are trade marks owned by Mason and Porter Ltd. Some stoves are protected by N.Z. Prov. Pat. Appln. No.194959

Clearance requirements to the side of the stove are taken to the nearest point at the belly of the stove. Clearances to the rear are measured from the back of the flue. Where a Yukon stove is fitted with a non-vertical flue outlet, the rear clearance is measured from the belly and 80mm should be added to the clearance figures above.

Where a Yukon installation requires a non-vertical flue outlet, please contact your Masport Pot Belly Stove stockist. Specifications subject to change without notice.

Manufactured by Masport Foundries Ltd. Marketed by Masport New Zealand Limited

Melbourne/Tasmania
Masport Proprietary Limited,
88-90 Keys Road, Moorabbin,
Victoria 3192.
Telephone 553-0099.

Sydney
Masport Proprietary Limited,
115 Silverwater Road,
Silverwater, N.S.W. 2141.
Telephone 647-1100.

Brisbane
Masport Proprietary Limited,
Lot 28 Aranda Street,
Sticks Creek 4127.
Telephone 209-1177.

Adelaide
Masport Proprietary Limited,
101 Gibson Street, Bowden,
South Australia 5007.
Telephone 467-292.

Perth
Masport Proprietary Limited,
Unit 7, 7 O'Malley Street,
Osborne Park, West Australia 6017.
Telephone 446-9544.

New Zealand
Masport New Zealand Limited,
1-37 Mt Wellington Highway,
Auckland. Telephone 579-009.

Masport®

STRUCTURAL CALCULATIONS TO SHARP EXTENSIONS

PAGE
1 of 4

GENERAL: Reference is made to sheet 1/2/3 dated July 1982 drawn by HJT. Approximately 50 m^2 of addition to existing house at Stanmore Bay, substantially elevated over existing basement. About half the construction might be described as pole platform. It is with regard to aspects of the latter not evident in NZS 3604 that these calculations refer.

It will be assumed that good building practice has prevailed, and that the existing building is braced in the standard manner. It will be further assumed that good building practice will be exercised and that the extension will be tied back to the existing carcase sufficient to take some seismic load (see later.) It is further assumed that the structure above the pole platform is in accordance with NZS 3604.

The poles and double beams plus the deck edge beam will be the subject of these calculations. They will provide propping, holding down and East West bracing for that portion of building between the edge of the deck to midway between the pole line and the existing structure.

LOADINGS: These are taken from NZS 4203. Internal floor loads are 1.5 kPa . Deck live loads are 2.0 kPa . Roof live loads are 0.25 kPa . Deck, floor and roof-dead loads average at 0.25 kPa each.

Hence all up load on plan area may be seen as 2.25 kPa gravity load.

Phil Dransfield
Roof Eng

Seismic load will be taken as 10% of mass weight.

$$\text{i.e. } 10\% \left(\frac{1}{3} LL + DL \right)$$

which is maximum on the built up section being

$$0.1 \left(\frac{1.25}{3} + 0.5 \right) = 0.110 \text{ kPa}$$

Page 2 of 4

Seismic Load

Wind loads could be significant North-South as the underside is open and roof of low pitch.

Hence take total uplift 1.00 kPa reduced by dead load of 0.5 kPa (ceiling & floor) giving load reversal to 0.50 kPa.

Wind Load

MAIN BEAMS: These have a tributary floor area of 3000 span \times 2600 width i.e. 7.8 m^2 . Hence total spread floor load of $7.8 \times 2.25 \text{ kPa m}^2 = 17.55 \text{ kN}$.

Assume sawn G.G. R/P 9 GPa. Then from NZ Timber Design Data Handbook use $230 \times 90 \text{ mm}$ hence 300×50 double OK.

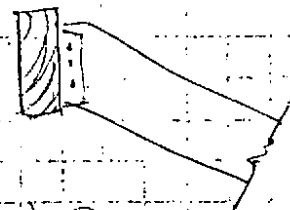
Double 300×50 with 2 M20 bolts per pile OK.

For bolt fixing two 20 mm ϕ bolts at each pile carry 17.55 kN i.e. 4.5 kN per bolt-beam crossing in double shear cross grain. OK for M20 bolts.

DECK EDGE BEAMS: Similar span but tributary width only 1000 hence all up. load $3 \text{ m}^2 \times 2.25 \text{ kPa} = 6.75 \text{ kN}$

Use minimum depth 200×50 or preferably for jointing 200×75 .

NB: Props to edge beam connection should be side on. Perhaps use joist hanger inverted well primed.



Raked Prop: Carries 6.75 kN @ 45° hence $6.75 \times \sqrt{2} = 9.55 \text{ kN}$

P.T.O.

Approved
Rag Engineering

Hence stress level $\frac{9550 \text{ kN}}{125 \times 75 \text{ mm}^2}$
 $= 1.02 \text{ MPa}$

And $\frac{L}{b} = \frac{2000}{75} = 25$

Note prop should be able to sustain 2 kN in tension also.

POLES: \Rightarrow Pole load is derived from 3000 span and tributary 3600 width with load 2.25 kPa i.e.

total load $= 3 \times 3.6 \text{ m}^2 \times 2.25 \text{ kPa}$
 $= 24.3 \text{ kN}$

so that pole stress is less than 1 MPa

Bearing pad is 0.45ϕ or 0.16 m^2
 which gives soil bearing stress of $\frac{24.3 \text{ kN}}{0.16 \text{ m}^2} = 152 \text{ kPa}$

At a depth of 1200 minimum the soil is contained sufficiently so that 152 kPa bearing is reasonable.

SEISMIC BRACING: \Rightarrow Assuming 0.11 kPa as above the seismic load per pole is

$3 \times 3.6 \text{ m}^2 \times 0.11 = 1.19 \text{ kN}$ lateral which is not substantial.

Hence connect floor joists adjacent to poles with connectors rating 1.2 kN and connect back to existing house similarly. Use multi-grips or similar well primed if in weather.

In the East West direction poles will have to carry tie bracing to ground. But 200 ϕ poles at 2500 free height are very flexible at L/B of 12.5. This may be incompatible with the superimposed stiff floor & wall

Page 5 of 6

Prop
125 x 75
OK

Reviewed
Reg Eng.

systems. Hence support main beams to poles with knee braces as per deck props in each three bays

OR

Use 12 mm steel X rods in centre bay.

Differential

Settlement: It is recommended that the poles be placed below summer water table, in which case differential settlement will not be a problem.

A note however on the block wall which is vulnerable to differential footing settlement.

This should have short bore piles provided at max 2000 c/s. Use 150 ϕ post hole bore to below summer water table and pour 15 MPa concrete with minimum of one 12 mm ϕ ms rod full depth.

For Tranukel
M. P. ENZ
Reg Eng.
12/2/82

EE/1/3A

Mr Krishnan
JJ

10 August 1982

Mr and Mrs G and E Sharp
16 Laureston Avenue
PAPATOETOE

Dear Sir

PROPOSED BUILDING - LOT 90 DP 38691 - G AND E SHARP - 18 LAURISTON ROAD

I acknowledge receipt of your application for a building permit at the above site.

The following additional information is required before the job can be considered further for permit purposes.

I refer to:-

1. Submit a plan in duplicate showing the position of the septic tank and the irrigation trenches for the disposal of the septic tank effluent. (You cannot build over the irrigation lines).
2. Stormwater drainage plans to be submitted. (The overflow from the water tank to be discharged into the roadside water table).

Should you wish to discuss the matter do not hesitate to contact me at this office.

Yours faithfully

for: COUNTY MANAGER
B D Sharplin

Copy to: Mr. G. Sharp.
16 Laureston Avenue
Paparototee.

BB/1/3A

Mr Murray
VJH

26 August 1982

Mr H Tennant
P O Box 1763
AUCKLAND 1

Copy to: Mr. W. Granwal
School of Architecture
University of Auckland
Private Bag,
AUCKLAND 1

Dear Sir

PROPOSED BUILDING: FOR SHARP
Lot 50 DP:38691 18 Langton Road Stanmore Bay

I acknowledge receipt of your application for a building permit at the above site.

The following additional information is required before the job can be considered further for permit purposes.

I refer to:

1. Design calculations for the pole platform. Such calculations to check for bearer span, bracing, fixing, deck design, pole diameter and embedment, and also an assessment of the likelihood of adverse differential settlement.
2. The floor to ceiling height in the proposed bedrooms is less than the minimum allowable of 2.4m. A reconsideration of the roof design over this area would be prudent.

Should you wish to discuss the matter do not hesitate to contact me at this office.

Yours faithfully



for COUNTY MANAGER
B D Sharplin

Receipt No. 006 - 2/2/72

OWNER

Name G. K. SHARP

Address 16 LANUNSTON AVE
PIMPTON TOR

BUILDER

Name OWNER

Mailing Address _____

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. 18

Street Name LANUNTON RD,

Town/District STANMORE BRY

Postcode W10 1LS

LEGAL DESCRIPTION

Valuation Roll No. 31520/58

Lot 90 D.P. 38691

Section _____ Block _____

Survey District _____

DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE

EXTENSIONS TO EXISTING DWELLING

FLOOR AREA

Whole Sq. Metres 54

Number Erected _____

ESTIMATED VALUES

Building	13500
Drainage	
Plumbing	
TOTAL	13500

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 (etc)	\$ 90
Building Research Levy	\$ 1/KNO FINAL INSP.
Sewer Connection	\$
Water Connection	\$
Net Damage Deposit	\$
TOTAL	104

NO S/D DEPOSIT

Authorised Officer _____ (DATE) 2/9/81

Date 20/10/72

Special Conditions: (In addition to those noted on reverse):

① Water, Electric Power
Bound to be notified
of the works

INSPECTIONS ARE REQUIRED AS FOLLOWS

- (1) FOUNDATIONS/FLOOR SLABS — WHEN STEEL IS PLACED READY FOR CONCRETE OR RILES READY FOR SETTING IN FOUNDATION RILES.
- (2) WHEN BOLD BEAMS ARE Laid AND STEEL PLACED READY FOR CONCRETE.
- (3) WHEN FR. NETWORK IS COMPLETE AND READY FOR.
- (4) WHEN BUILDING WORK IS COMPLETED IN ACCORDANCE WITH APPROVED PLANS.

THE INSPECTOR SHALL BE GIVEN 24 HOURS NOTICE THAT WORK IS READY FOR INSPECTION

② The first irrigation
line to be cut off
from the rest of the
effluent disposal system
as shown on the plan

P.T.O.

PERMISSION IS HEREBY GRANTED YOU to carry out the works as proposed in accordance with the drawings and other documents submitted, and with any conditions outlined, such work to be subject to inspection at any time during progress and to be carried out in strict conformity with the requirements of the Council By-Laws

IMPORTANT — YOU ARE FULLY RESPONSIBLE for any damage done to any works such as telephone cables, water mains, gas mains, sewers, pipes, manholes, roads or other services.

4-11-82 Flg. Holes - poles & siting OK. irrigation line has been
moved. JS

22-12-82 Prelim inspection, all OK. PHS.