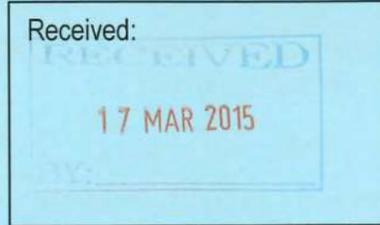


APPLICATION WORKFLOW COVERSHEET (Blue Folder)

Department	For Referral	Comments	Approving Officer / Date
Site Inspection	✓	Refer to Form 241 for completion of Site Inspection & sign off this form when completed.	20/3/15 S. Moran
Resource Consents (refer PIM Sheet)	✓		
Plumbing and Drainage	✓		20/3/2015 J. L. Weir
Building	✓		7/4/15
Fire Design			
Compliance Schedule			
Environmental Health			
Other.....			
Attachments:		NOTES:	
<input type="checkbox"/> PIM <input type="checkbox"/> DIF <input type="checkbox"/> CS <input type="checkbox"/> Sec 37 Other: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			

Building Consent No.	150134
Building Project	New Garage 50m ²
Location (Site Address)	7 Tutore st, Waikanae
Building Category	Circle appropriate category 0 1 2 3



Note: A signature confirms that the application contains sufficient information to enable compliance with the building code to be assessed.

	Name and signature	Date
# Note: Checked, date stamped and initialled by TO/BCO. Select and circle appropriate category above & identify allocation to appropriate technical groups and if required to go to "site inspection" BC1	S. Moran G. Moran	17/03/15
Payment taken and receipted (details entered inside this cover sheet) by CSO BC1		
Data entered and invoiced by CSO BC1	Angie	18/03/15
Pages numbered by CSO BC1	S. Moran G. Moran	17/03/15
BC Application and documentation scanned, checked & status update by CSO BC1	Angie	18/03/15
BC Application signed over to BC BC1	Angie	18/03/15
Application reviewed by Technical Officers who sign off at back of this form BC2 & BC5	Simon Copp J. L. Weir	20/3/2015 7/4/15
Once Technical review complete, passed to CS for Plan Production and Invoicing BC3	J. L. Weir	7/4/15
CSO checks data entry input, including required inspections BC3		
BC, plans and other appropriate paperwork produced by CSO BC3		
BC, Approved plans and appropriate paperwork sent to applicant or agent with receipt by CSO BC3	Simon Copp	8/4/15
Inspection envelope prepared by CSO with endorsed plans and other appropriate paperwork and filed to cabinet. BC3		

CONSENT DATA INPUT REQUIREMENTS

✓ Required Inspections	✓ Required Inspections	✓ Required Inspections	✓ Required Inspections
Foundation/Piles	Drainage	Pre-lining (Plumbing)	Final (Dwelling)
Block	Pre-Wrap	Wet Areas – Membrane	Retaining Wall
Pre-Slab (Plumbing)	Pre-Clad	Post Lining	Final (Commercial)
Pre-Slab (Building)	Weathertightness	Brick Veneer	Chimney (Inbuilt Fire)
Sub-Floor	Pre-lining (Building)	Retaining Wall	

Office use	✓	Office use	✓
32	✓	Lapse and cancellation after 12mths of consent	23A
2		Engineer design specific components	25
3	✓	Foundations to solid bearing of 200mm	30
4	✓	NZS3604 as acceptable solution in terms of NZ Building Code	31
6		Not approved as Habitable Room	33
9		Note and comply with all endorsements on approved plans	34
10		Names and Registration of plumber and drain-layer required	38
11		Concealed soil and TV pipes and gas flues only allowed in ducts or minimum framed	39
12		Hot & Cold water pipes tested to 1500kPa	40
13		Roof stormwater to be connected to existing	43
15		Owner/builder to ensure prop foundation height will allow satisfactory connection	44
21	✓	Minimum FFL to comply with NZS3604	
23		Installation of solid fuel appliance (wood burner) comply and secured	

Act Ref	✓	Standard Consent Conditions	Comment
37		Resource Consent has not yet been obtained	
72 - 73		Land subject to natural hazard	
75-80		Construction on two or more allotments	

Non-Standard Addenda

Yes/No Compliance Schedule

--

Yes/No **NO** Office - please see additional consent data comments on next page

✓	Attach Receipt
This project contains elements specifically designed by an engineer. The Owner/Builder is required to ensure the Engineer inspects the work and provides KCDC with written evidence of the inspections.	Attach receipt
The attached fire report constitutes an essential part of this Building Consent and must be read and fully implemented on site - refer to the fire report for full details that are not necessarily indicated on the architectural drawings. It is the responsibility of the owner and contractor to ensure the full fire precautions, systems and construction are incorporated in the building.	
Ground bearing must be reconfirmed on site following excavation but prior to placing of concrete and reinforcing. Soft ground may be encountered requiring engineer specific design.	
Other:	

Office Use Only: Fees		AUTHORISATION FOR REFUND OF DEPOSITS	
Building Fee	\$ 1315.00	Application Fee	\$ 1420.35
Sewer Connection	\$	Invoice No: 88941	Date: 18/03/15
Water Connection	\$	Receipt No:	Date:
Vehicle Crossing Damage Deposit	\$	Fees Paid By: via bank transfer	
Code Compliance Administration	\$	Building Consent Number: 150134	
Building Research Levy	\$ 35.00	Date Issued: 18/03/15	
MBIE Building Levy	\$ 70.35		
Compliance Schedule	\$		
Digital Storage Fee	\$		
Certificate of Title Charge	\$	Deposit Held	\$
Photocopying	\$	Cost to Repair Damage Caused During Construction	\$
SUBTOTAL	\$	Total Balance to be Refunded	\$
Less Fee Paid	\$	Authority Number:	
Total	\$ 1420.35	Authorised:	Date:
GST INCLUDED	\$	Deposit Held	\$

SM & JM O'Brien Family Trust
320 Kimbolton Road
FEILDING

8th April 2015

Dear Building Consent Applicant / Building Owner

Approval of Building Consent: 150134

Location: 7 Tutere Street, Waikanae Beach
Legal Description: LOT 85 DP 7462
Description: New Garage 50m2

I am pleased to inform you that the above building consent application has been approved. The building consent documents have been issued and are enclosed.

Before starting any work please read ALL the building consent documents carefully and in full so that you as the owner understand the conditions under which the consent has been issued.

As the owner you are also responsible for the following:

- ensuring that building work starts within 12 months of the approval of the building consent and that work progresses at a reasonable pace.
- ensuring that all required inspections are completed and that a Code Compliance Certificate is obtained once the work has been completed – please be aware that before a Code Compliance Certificate is issued, the building work must comply with the Building Act 2004 and the Building Code as at the date of Consent.
- that no work with noisy equipment is to be carried out before 7.30 a.m. or after 6 p.m. Monday to Saturday. During the week there may be workers on site from 6.30 a.m. quietly preparing for work. Work with noisy equipment is not permitted on Sundays and public holidays.
- ensuring that no damage occurs to public property, for example footpaths or retaining structures. Should damage occur you will be required to pay for any repairs.
- ensuring that if you wish to make any changes to the approved building consent, then an amendment to the building consent will need to be lodged with us.

If you have any questions regarding your building consent or your responsibilities, please contact Kapiti Coast District Council on (04) 296 4700.

Building Consent
150134
Section 51, Building Act 2004

The building

Street address of building: 7 Tutere Street, Waikanae Beach
Legal description of land where building is located: LOT 85 DP 7462
Valuation number: 1491044200
Building name:
Location of building within site/ block number:
Level/unit number:

The owner

Name of owner: SM & JM O'Brien Family Trust
Contact person: Jillian M O'Brien, Shane M O'Brien, David A Lea
Mailing address: 320 Kimbolton Road, FEILDING
Street address/registered office:
Email address: shane@colspec.co.nz
Website: www.colspec.co.nz
Phone numbers:
Landline: 06 357 9837 *Mobile:* 027 485 0316
After hours: *Fax number:*
First point of contact for communications with the council/building consent authority:
As above

Building work

The following building work is authorised by this building consent:
New Garage 50m2

Garage

This building consent is issued under section 51 of the Building Act 2004. This building consent does not relieve the owner of the building (or proposed building) of any duty or responsibility under any other Act relating to or affecting the building (or proposed building). This building consent also does not permit the construction, alteration, demolition, or removal of the building (or proposed building) if that construction, alteration, demolition, or removal would be in breach of any other Act.

Build conditions

Compliance schedule

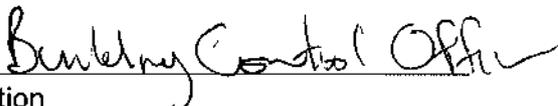
A compliance schedule is not required for the building.

Attachments

Copies of the following documents are attached to this building consent:

-
- Building Consent Addendum
- List of required inspections
- Plans and specifications


Signature


Position

On behalf of: KAPITI COAST DISTRICT COUNCIL

Date: 7/04/15

Addenda to Application

Application

SM & JM O'Brien Family Trust 320 Kimbolton Road FEILDING	No.	150134
--	-----	--------

Project

Description	Domestic only - garages Being Stage 1 of an intended 1 Stages New Garage 50m2
Intended Life	Indefinite, but not less than 50 years
Intended Use	Garage
Estimated Value	\$35,000
Location	7 Tutere Street, Waikanae Beach
Legal Description	LOT 85 DP 7462
Valuation No.	1491044200

Designer: Justin Wright - Assembly Architects Ltd 182 Athur's Point Road, Queenstown : 021 565 363 / 03 442 0356

General Requirements

- a) The Building Inspector is to be given 24 hours' notice before carrying out the following inspections:
1. Pre-slab
 2. Pre Wrap
 3. Pre Clad
 4. Weathertightness
 5. Preline - Building
 6. Postline
 7. Final Inspection
- b) To arrange for any of the above required inspections by Building Control Team, please contact the Call Centre on (04) 296 4700 between the hours of 8am and 5pm.

Addenda to Application

Application

SM & JM O'Brien Family Trust 320 Kimbolton Road FEILDING	No.	150134
--	-----	--------

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1. **LAPSE AND CANCELLATION OF BUILDING CONSENT.** A building consent shall lapse and be of no effect if the building work concerned has not been commenced within 12 calendar months after the date of issue. Or within such further period as the territorial authority allows.
2. All foundations are to be to solid bearing minimum of 300mm
3. NZS3604 is an Acceptable Solution in terms of the New Zealand Building Code and is a recommended reference document for timber framed buildings.
4. Minimum heights of finished concrete slab-on-ground floors above adjoining finished ground level to comply with the current NZS3604.
5. Contractor to leave site clear of all demolition materials and in a tidy state.
6. As this site is located in the Severe Coastal Corrosion Zone, all exposed fixings and cladding fixings need to be stainless steel.

I have read the foregoing addenda to application, and the Owner/Builder/Authorised Person hereby agrees to comply with them.

**OWNER/BUILDER/
AUTHORISED PERSON**

Date:

Site Inspection Report - New Building Consent Applications

Date: 20/3/15	BC Application No: 150134
Lot 85	DP 7462
Site Address: 7 TUTOLE ST	
Building Project: GARAGE	

Check NCS status is currently "To Site Inspection"

Item to be checked	Decision	Record any relevant information	Action required
Contours match application?	Yes / No		
Datum point identified?	Yes / No		
Boundaries identified?	Yes / No	Survey Pegs Found	
Check ground conditions?	Yes / No	Level soft sand to approx 250m Allowing ok	
Check f/path, kerb & channel, grass berm, note existence/damage.	Yes / No	Good condition	
Vehicle entrance crossing installed (describe condition)	Yes / No	Good condition	
Photos taken? (Save & link to NCS)	Yes / No		
Dogs or other hazards on property?	Yes / No		
Is there a requirement for further foundation investigation e.g Engineers design	Yes / No		Referred to Approvals T/L Yes / No

Record all decisions on compliance and reasons for those decisions. Circle Yes or No in each case.

Note: if there is a requirement for further information or some areas which do not appear to comply refer file to Team Leader Consent Approvals for action.

Inspecting Officer: Name: [Signature]	Signature: [Signature]	Date: 20/3/15
--	------------------------	---------------

Unless further foundation information required, change NCS status to "To Plumbing & Drainage" and place file in P&D shelf area for Approvals. If further information is required, then Status change to "To Senior Building Inspector" and hand to Team Leader Consent Approvals for action.

Jeremy Lincoln

From: assemblyjames@gmail.com on behalf of James Norman <james@assembly.co.nz>
Sent: Tuesday, 7 April 2015 11:27 a.m.
To: Jeremy Lincoln
Subject: Re: BC 150134 - 7 Tutere Street - Waikanae Beach - Garage

Thanks Jeremy

I can confirm the drip edge detail is the 50x50 Aluminium Angle.
This not uncommon with bituflame, see product sheet 01 Bituflame, page 28 for scupper and rainwater head details using aluminium angles.
The detail is an E2/AS1 detail. Figure 61, (c).

Drawings and details have been reviewed by Waterproofing solutions and confirmed as suitable.
Detail matches what has been documented for the related house BC on the same site.

If you require me to update anything in drawings or spec to confirm the above, let me know.

Regards

James Norman

Registered Architect

Assembly Architects Limited
telephone 027 2308279

www.assembly.co.nz

On 7 April 2015 at 10:21, Jeremy Lincoln <Jeremy.Lincoln@kapiticoast.govt.nz> wrote:

Hi James

Thanks for all the returned information. Apart from my further query below all looks good

There is two details in respect of the bottom edge of the roof.

The architectural drawings show as you describe in your response a 50x 50 aluminium angle to form a drip edge

The product detail shows a timber fillet used to form a drip edge, please clarify

Regards

1. **LAPSE AND CANCELLATION OF BUILDING CONSENT.** A building consent shall lapse and be of no effect if the building work concerned has not been commenced within 12 calendar months after the date of issue. Or within such further period as the territorial authority allows.
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6. As this site is located in the Severe Coastal Corrosion Zone, all exposed fixings and cladding fixings need to be stainless steel.

I have read the foregoing addenda to application, and the Owner/Builder/Authorised Person hereby agrees to comply with them.

**OWNER/BUILDER/
AUTHORISED PERSON**

Date:

Highland County Council

No. 14104

Inspector: M

File No.

Receipt No. 16425

Date Permit Issued 22/12/83

OWNER

Name A. J. Hughes

Mailing Address 2 Killon Street
W. Hill 5

BUILDER

Name Self

Mailing Address _____

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

SITE

Street No. 4

Street Name Tillic Street

Town/District Wickliffe

Riding Wickliffe DC

LEGAL DESCRIPTION

Valuation Roll No. 1493/504

Lot 85 D.P. 4402

Section _____ Block _____

Survey District _____

THE WORKS PROPOSED AND MAIN PURPOSE OF USE

Garden shed

FLOOR AREA Whole Sq. Metres 4.32

DWELLING UNITS Number Erected _____

ESTIMATED VALUES	Building	550.00
	Plumbing	
	Drainage	
	TOTAL	550.00

NATURE OF PERMIT - TICK BOX

NEW BUILDING - include dwelling added, exclude domestic garages

FOUNDATIONS ONLY

ALTERED, REPAIRED, EXTENDED - include conversions and related buildings

NEW CONSTRUCTION OTHER THAN BUILDINGS - include demolitions

DOMESTIC GARAGES AND DOMESTIC OUTBUILDINGS

FEES APPLICABLE

Building Permit	\$ 12.00	Water Connection	\$ _____	Receipt No.	16425
Street Damage Deposit	\$ _____	Vehicle Crossing Levy	\$ _____	Date of Payment	22/12/83
Building Research Levy	\$ _____	M.S. Plumbing	\$ _____	Authorized Officer	_____
Plumbing	\$ _____				
Drainage	\$ _____				
Sewer Connection	\$ _____				
		TOTAL:	\$ 12.00		

Special Conditions: _____

Date Inspected	REMARKS (e.g. stage reached with work)
30/5/84	Completed O.K. DSM

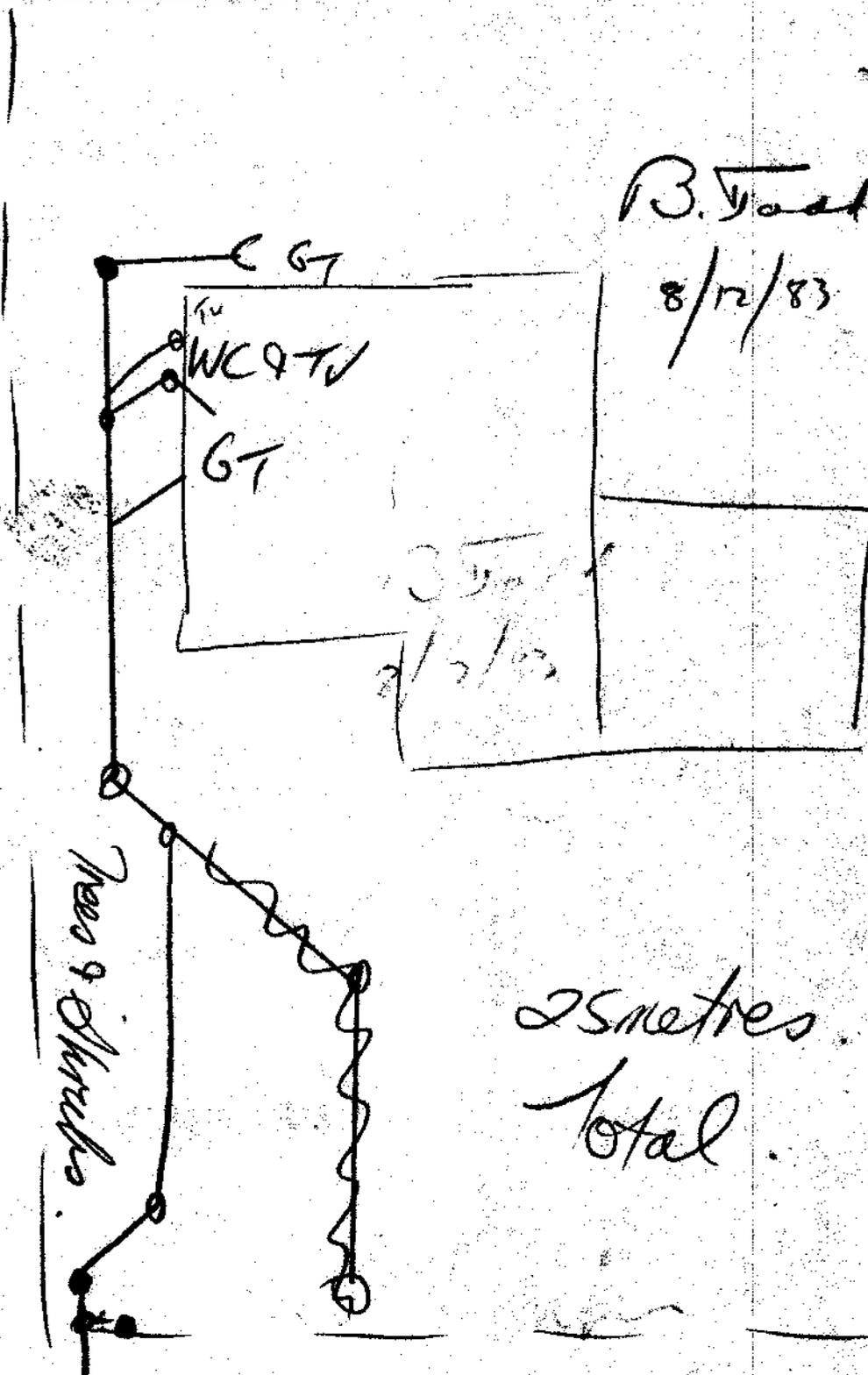
WAIKANAĒ DISTRICT COMMUNITY

PLAN OF ALLOTMENT - PROPOSED DRAINAGE LAYOUT

Showing existing buildings and drainage layout and proposed drainage layout to the sewer
Scale 1-100

Boundary Lines to be shown thus: _____

Frontage to TOTERE ST. Road



PERMIT **W** No 5878

HOROWHENUA COUNTY COUNCIL

WAIKANAE DISTRICT COMMUNITY

PERMIT FOR A PLUMBER OR DRAINLAYER TO CARRY OUT PLUMBING OR DRAINAGE WORK

Mr M. P. Phillips
3 Millvale Street
Waikanae.

(a licensed plumber or drainlayer), is hereby authorised to carry out the work described herein, and as set forth in the plan deposited with me, on the premises owned (or occupied) by

Mr G. A. Hughson. and situated in 4 Tutae Street Street (or Road), Waikanae being described as lot 85 DP 4462

Description of work: Connect to sewer.

Estimated Value of work excluding materials:

Estimated Cost \$ 200-00

Receipt No. 5306

Permit Fee \$ 18-00

Connection Fee \$ -

TOTAL \$ 18-00

Such work is to be carried out in strict accordance with the Plumbing and Drainage Regulations 1978 and Horowhenua County Council By-Law No. 9, and shall be completed on or before the

day of _____ 19____

Date 14-12-83

County Engineer

This permit is issued subject to:

HOROWHENUA COUNTY COUNCIL

WAIKANAE DISTRICT COMMUNITY

Notice of Completion of Work and Request for Inspection

To: The Health Inspector,
Horowhenua County Council
LEVIN.

I HEREBY GIVE NOTICE that I have completed at premises situated at _____ Street/Road, owned by Mr _____ the plumbing/drainage

works specified in Permit No. _____, issued on _____ 19____, and I do hereby request that such works should be inspected.

Dated this _____ day of _____ 19____

Plumber/Drainlayer

Address of Plumber: _____

FOR OFFICE USE ONLY

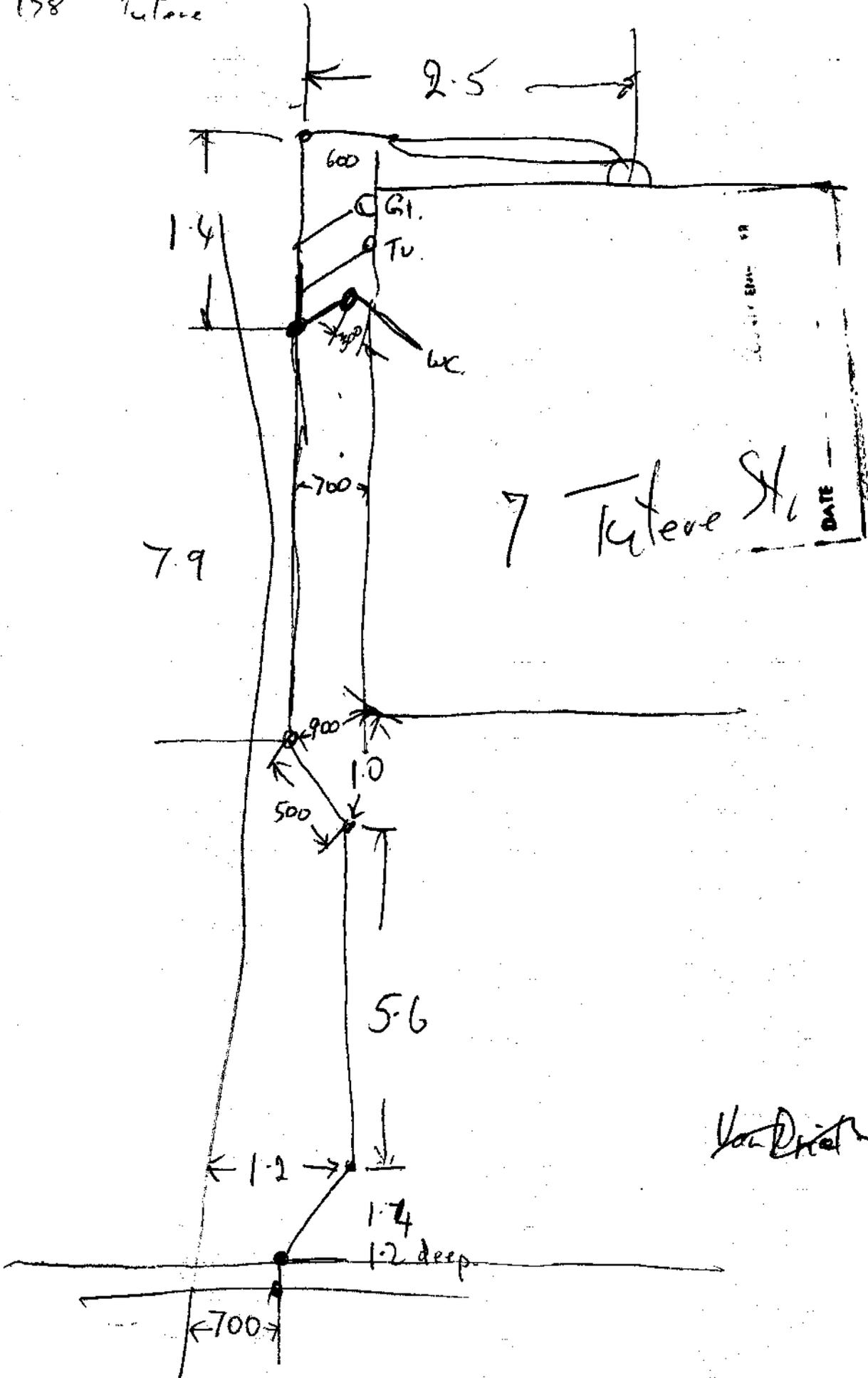
The works above referred to in Permit No. _____

I HEREBY CERTIFY that the work has been examined and found satisfactory.

Date: _____ 19____

Inspector

7 Tutore - M. P. 11 101
178 Tutore



Van D... Plan
A. G. G.

BUILDING APPLICATIONS.

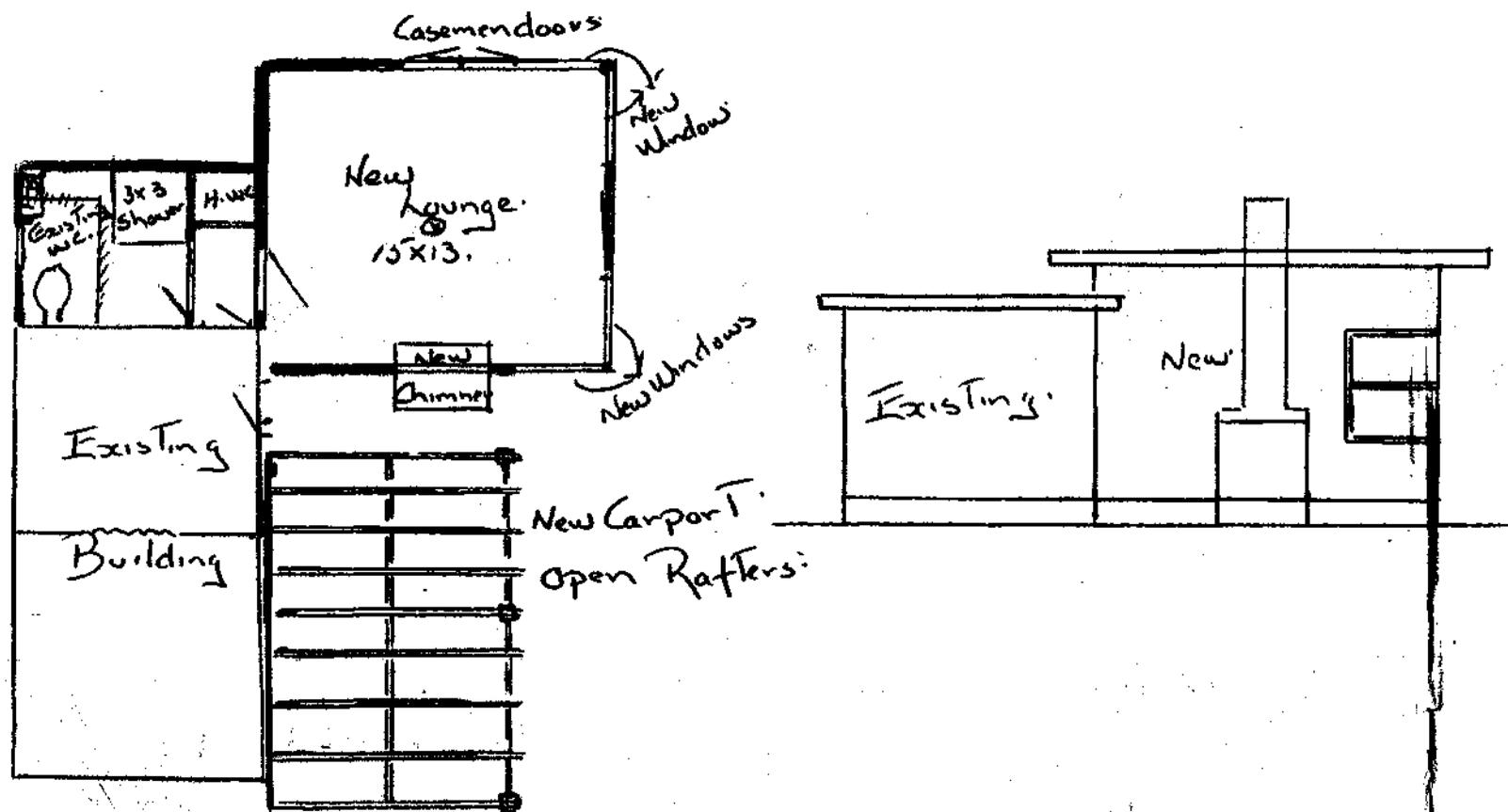
HCC/B9.

Mrs. E. A. Yarnell - Julie St. Wauhanee - Addition to Dwelling

State of Progress.	Date.	Initials	Remarks.
Building Application Received	11/4/58	JM	
Drainage Application Received			
Site Inspected & approved	11/4/58	Jmb	
Building Application Under Action			
Drainage Application Under Action			
Miscellaneous	10-4-58	JTC	ok.
HCC/B8 (Fees) Posted			Letter received
Building Permit authorised	14/4/58	Jmb.	
Drainage Permit authorised			

Proposed Additions

For
Mrs E.H. FARNELL
Tutere St. Waikanae Beach



Specifications

Work to consist of New
Lounge, extending bathroom &
open carport. No new drainage
Foundations:- Concrete.
Sub Floor Timber B.H.A.
Flooring H.T. or Laminated.
Framing Timbers 4x20 B.A.
Rafters 6x20 B.A.
Dwangs. 4.3 x 2x20 B.A.
Sarking
Exterior Tan. WT Brls.
Interior G.B. Board.
Precast Chimney with
Boulder Surround
Roof to be 26 Gauge galv
Iron. Laps Painted.
Open Carport
Timber to be all Clean
Heart.
Electrician: 3 Lights +
2 Hot Points.
Painting to be done
by owner.

2 NOV 1958

1 of 12

ending paper

T. No. 1000

Concave

B.H.U.

Amplifier

508A

5

APPROVED

J. W. Duchowski
 COUNTY ENGINEER.

DATE 11/4/58

GARDEN SHED AS DEPICTED IN ATTACHED COPY
OF MANUFACTURERS LEAFLET

SIZE - 2.4 m x 1.8 m

STRUCTURE OF WOODEN FRAME SHEATHED AND
ROOFED IN GALV IRON.

DETAILS OF FOUNDATION

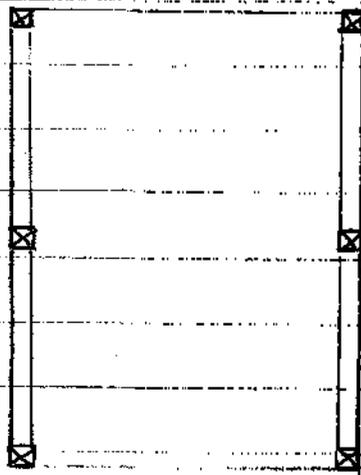
6 CONCRETE PILES - 3 PER SIDE

24"

ON WHICH BEARER PLATES 100x75P WILL BE MOUNTED,
AFFIXED BY HEAVY GALV WIRE

MOUNTING

SHED TO BE SECURELY BOLTED TO BEARERS



FLOOR PLAN

HOROWHENUA COUNTY COUNCIL
NOTE: This application is
approved on condition that
the building is not used for
human habitation.

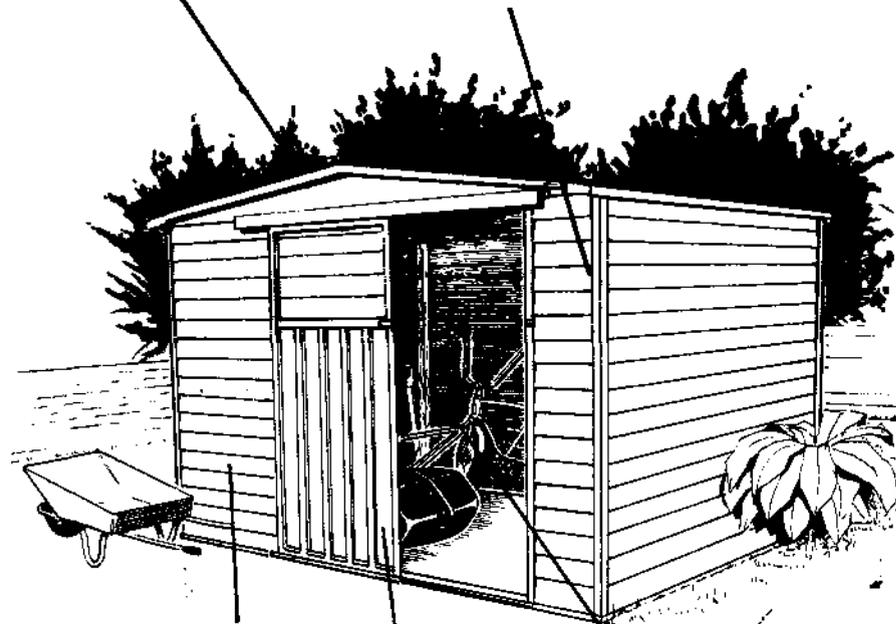


SIDE ELEVATION

APPROVED
13.5.83
For COUNTY ENGINEER
DATE 16-12-83

Heavy gauge galvanised iron roof.

All folded edge flashings to facilitate easy painting.



Heavy gauge galvanised metal weatherboard exterior.

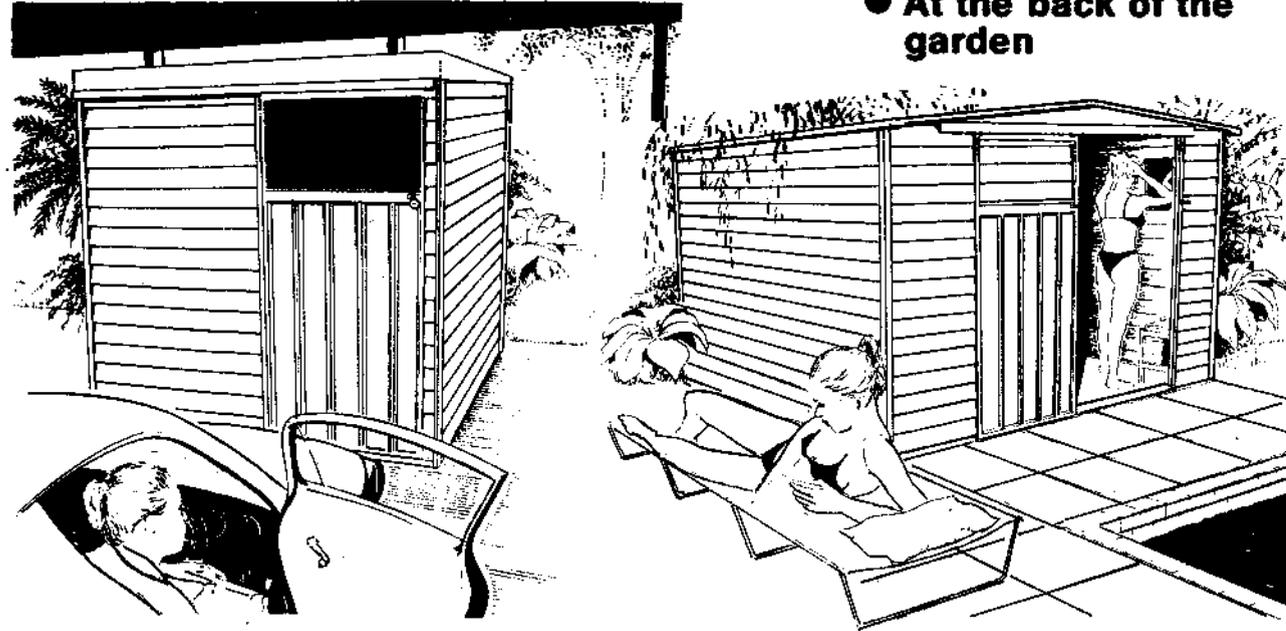
External sliding door leaves interior front wall free for shelves.

FRAME
Clean, dressed, fully treated timber used.

the many advantages of an IDEAL SHED. assembled and ready to use.

IDEALLY SUITED FOR:

- Home owners
- Pensioner flats
- Swimming pool change sheds
- Ownership flats
- Holiday homes
- Under the carport
- Motels
- Pump sheds
- At the back of the garden



SIZES AVAILABLE

GALVANISED SHEED COLOUR TANALISED TIMBER FLOOR

SIZES AVAILABLE	GALVANISED SHEED	COLOUR	TANALISED TIMBER FLOOR
1.8 x 1.2m (6' x 4')	289	354	\$84
2.4 x 1.8m (8' x 6')	418	487	123
2.4 x 2.4m (8' x 8')	458	528	131
3.0 x 2.4m (10' x 8')	494	556	154

YOUR LOCAL AGENT IS:

Delw \$35.00

DAVE TAYLOR

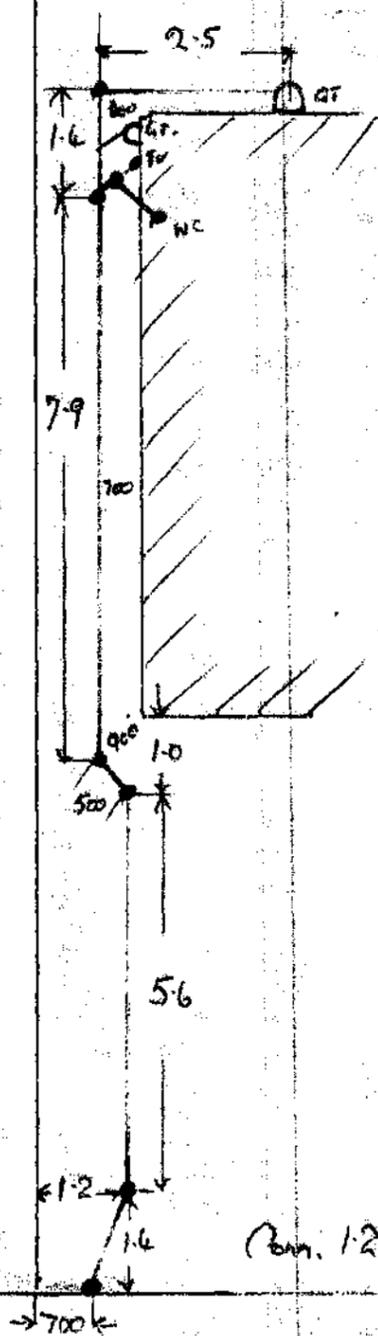
RAM

70183

IDEAL GARDEN SHEDS

BY IDEAL BUILDINGS LTD

HEAD OFFICE: FACTORY ROAD, 101 STREET, WILPOSE



Hughson - 7 Tutave Street.
 Drainlayer M. Phillips.

2192

H.C.C./D.1

Horowhenua County Council

PERMIT No. W5848

LOCALITY WAIKANAE Sewer

DATE RECEIVED

DATE ISSUED 14.12.83

FEEES NOT TO BE PAID UNTIL REQUESTED BY OFFICE

APPLICATION FOR PLUMBING AND DRAINAGE PERMIT

OWNER'S NAME G.A. HUGHSON

FOR OFFICE USE ONLY

REMARKS:

APPROVED

B. Todd

For COUNTY ENGINEER

DATE 8/12/83

2 pm.

SCALE OF PERMIT FEES

Estimated Labour Value of Work:	Fee Payable:
Not exceeding \$100	\$12
In excess of \$100 but not exceeding \$200	\$18
In excess of \$200 but not exceeding \$300	\$24
In excess of \$300 but not exceeding \$400	\$30

Plus \$6 for every \$100 or part thereof in excess of \$400.

NOTE.—In all cases where septic tanks are installed the site and position must be first approved by the County Health Inspector.

Valuation Book No.

Date 19

Application For Plumbing and Drainage Permit

TO THE COUNTY HEALTH INSPECTOR,
Horowhenua County Council,
Bath Street,
Levin.

Postal Address:
Horowhenua County Council,
P.O. Box 258,
Levin.

I, the undersigned, do hereby apply for a permit to carry out DRAINAGE and PLUMBING work in accordance with the undermentioned particulars.

Description of Drainage and Plumbing Work Connect to Sewer
all new drains

Allotment. Lot: 85 D.P.: 7462 Section: Area:

Block: S.D.: Locality:

Previous Owner { If Section has been recently transferred }

Frontage (Length) (Name of Street or Road) TUTERE ST WAE.

Water Supply (Description)

Est. Material Value of Plumbing Work \$: Est. Labour Value of Plumbing Work \$:

Est. Material Value of Drainage Work \$ 600.00 Est. Labour Value of Drainage Work 200.00

Total Value \$ 800.00

All work will be carried out in accordance with Horowhenua County Council's By-laws and the Drainage and Plumbing Regulations 1978 and Amendments.

Permit Fee Based on Labour Value \$ 18.00 Receipt No.: 5306

Water Connection Fee \$ Receipt No.:

Full Name and Address of Owner: G A HUGHSON
88 HATTON ST W6TN

- NOTE.—The following MUST accompany this Application:—
- (a) Ground Plan of Building showing all drains, vents, sumps, septic tanks and sanitary fittings to be plotted on opposite page. For a sewer connection, complete enclosed carbonised form.
 - (b) Specifications of work materials to be used.
Plan showing drain should be drawn to scale of 1-100.
Stormwater drains should be shown (if any) in dotted lines.

Signature of Applicant:

Address

Craftsman Plumber's Signature, Address, and Registered No. M Phillips 04815

Registered Drainlayer's Signature, Address, and Registered No. M Phillips 04815

3 MILLVALE ST WAIKANAHE

PLAN OF ALLOTMENT

Showing position of proposed buildings, Sanitary fittings, Drains, Gully traps, Inspection pipes and Ventilators, Septic tanks, Sumps, Irrigation trenches, Sewers and Stormwater drains, if any.

No Septic Tank or Effluent Drainage System may be installed within 3.3 metres of a dwelling or 1.5 metres of any boundary.

Boundary Lines to be shown thus: - - - - -

Frontage to Road

Horowhenua County Council

Fees not to be paid until requested by Office

SCALE OF FEES

For the examination of plans and specifications of any building and for the inspection of such building the following fees shall be payable according to the estimated value of the work.

In any dispute as to value, the County Engineer shall have the absolute determination of the value of the proposed work or building.

ESTIMATED VALUE OF WORK		FEES	
	Not exceeding	\$1,000	\$12.00
Over	\$1,000 and not exceeding	\$3,000	\$18.00
"	\$3,000 " " "	\$7,000	\$40.00
"	\$7,000 " " "	\$10,000	\$60.00
"	\$10,000 " " "	\$15,000	\$75.00
"	\$15,000 " " "	\$20,000	\$100.00
"	\$20,000 " " "	\$25,000	\$125.00
"	\$25,000 " " "	\$30,000	\$150.00
"	\$30,000 " " "	\$40,000	\$175.00
"	\$40,000 " " "	\$50,000	\$200.00
"	\$50,000 " " "	\$60,000	\$225.00
"	\$60,000 " " "	\$70,000	\$250.00
"	\$70,000 " " "	\$80,000	\$275.00
"	\$80,000 " " "	\$90,000	\$285.00
"	\$90,000 " " "	\$100,000	\$295.00
"	\$100,000 " " "	\$150,000	\$325.00
"	\$150,000 " " "	\$200,000	\$350.00

For every \$50,000 extra add \$50.00.

FEES PAYABLE FOR SPECIAL DUTIES

For inspection required in the case of proposed structural alterations before plans for approval	\$10.00
For inspecting every detached stove, furnace, oven, close fire or forge erected subsequently to the building	\$20.00
For inspecting old timber before re-using the same in a new building	\$10.00
For any inspection that may be deemed necessary in connection with any building or work in respect of which no fee has otherwise been paid	\$10.00
For inspecting any timber or building outside the County prior to re-using or resiting within the County — actual expenses incurred.	
For structurally checking plans and specifications by Council's Engineers, an increase of 25% of the building permit fee based upon the total value of the work will be charged.	

PERMIT No. 14904

8068499

LOCALITY Waikanae

DATE RECEIVED

DATE ISSUED 22.12.83**APPLICATION
FOR BUILDING PERMIT**OWNER'S NAME MRS A. J. HUGHSON**FOR OFFICE USE ONLY**

REMARKS:

PAID ON WAIKANAE NO 16428.have a look first. (60 sq m?)

HOROWHENUA COUNTY COUNCIL
NOTE: This application is approved on condition that the building is not used for human habitation.

APPROVED
P. S. [Signature]
For COUNTY ENGINEER
DATE 16-12-83

NOTE.—

1 All Plans and Specifications must be in ink.

Valuation Book No. 14930 504 Date December 5, 1983

APPLICATION FOR BUILDING PERMIT

TO THE BUILDING INSPECTOR,
Horowhenua County Council,
Bath Street,
Levin.

Postal Address: Horowhenua County Council,
P.O. Box 258,
Levin.

I, the undersigned, do hereby apply for PERMISSION to erect BUILDINGS in accordance with the under-mentioned particulars in WAIKANAÉ RIDING.

1. Type of Building: GALVANISED IRON GARDEN SHED (NEW)
Dwellings, etc.; additions or alterations.

Particulars of Building: Foundations: CONCRETE PILES Walls: GALV IRON Roof: GALV IRON

Total floor area: 14.32 sq. metres.

2. Purpose for which every part of Building is to be used or occupied. (Describing separately each part intended for use or occupation for a separate purpose) Storage of Garden Tools and Equipment

3. Allotment: Lot: 85 D.P.: 7462 Section:

Area: 696 sq. m Block: SD Locality: 7 TUTERE ST
WAIKANAÉ BEACH

4. Owner's Full Name: MRS ANNIE FOYCE HUGHSON

Address: 88 HATTON ST WELLINGTON S.

5. Previous Owner If Section has been recently transferred N.A.

6. Frontage (Length): 15.2 m Name of Street or Road: 7 TUTERE ST

7. Estimated Value of Building— \$ 550 :

Plumbing and Drainage— \$ — ; Total \$ 550.

8. Fees \$ 12.00 ; No. of Receipt 1628

See Scales of Fees on Back Page.

Building Research Levy \$ _____ Footpath Damage Deposit \$ _____

All work will be carried out in accordance with Horowhenua County Council's By-laws.

NOTE—The following MUST accompany this Application—

Plans and Specifications in Duplicate to be provided.

Together with every application there shall be submitted to the Engineer, in duplicate, detailed plans, elevations, cross sections, and specifications, which shall together furnish complete details of design and qualities and descriptions of all materials of construction and workmanship, and which shall be of sufficient clarity to show to the satisfaction of the Engineer the exact nature and character of the proposed undertaking and the provision made for full compliance with the requirements of the By-laws including:

- (a) A Floor plan of each floor level;
- (b) An elevation of each external wall;
- (c) The type and location of each foundation element (for example: reinforced masonry foundation wall, Anchor pile, cantilevered pile, etc.);
- (d) Adequate information on all subfloor, floor, wall and roof framing, including the type and location of each subfloor, brace, diagonal brace, and wall bracing element and the number of bracing units assigned to each wall bracing element;
- (e) The type and location of cladding, sheathing and lining.
- (f) Where a building requires Plumbing and Drainage Work, a separate application form must be filled in and Permit obtained before commencing any such work.

Signature of Applicant A. J. Hughson as BUILDER or OWNER.

Address: 88 HATTON ST WELLINGTON S. TEL. (4) 768 283

Builder's Name and Address if not the applicant Husband will put down concrete piles Ideal Buildings Ltd will locate and secure a pre-assembled shed as per blueprint attached

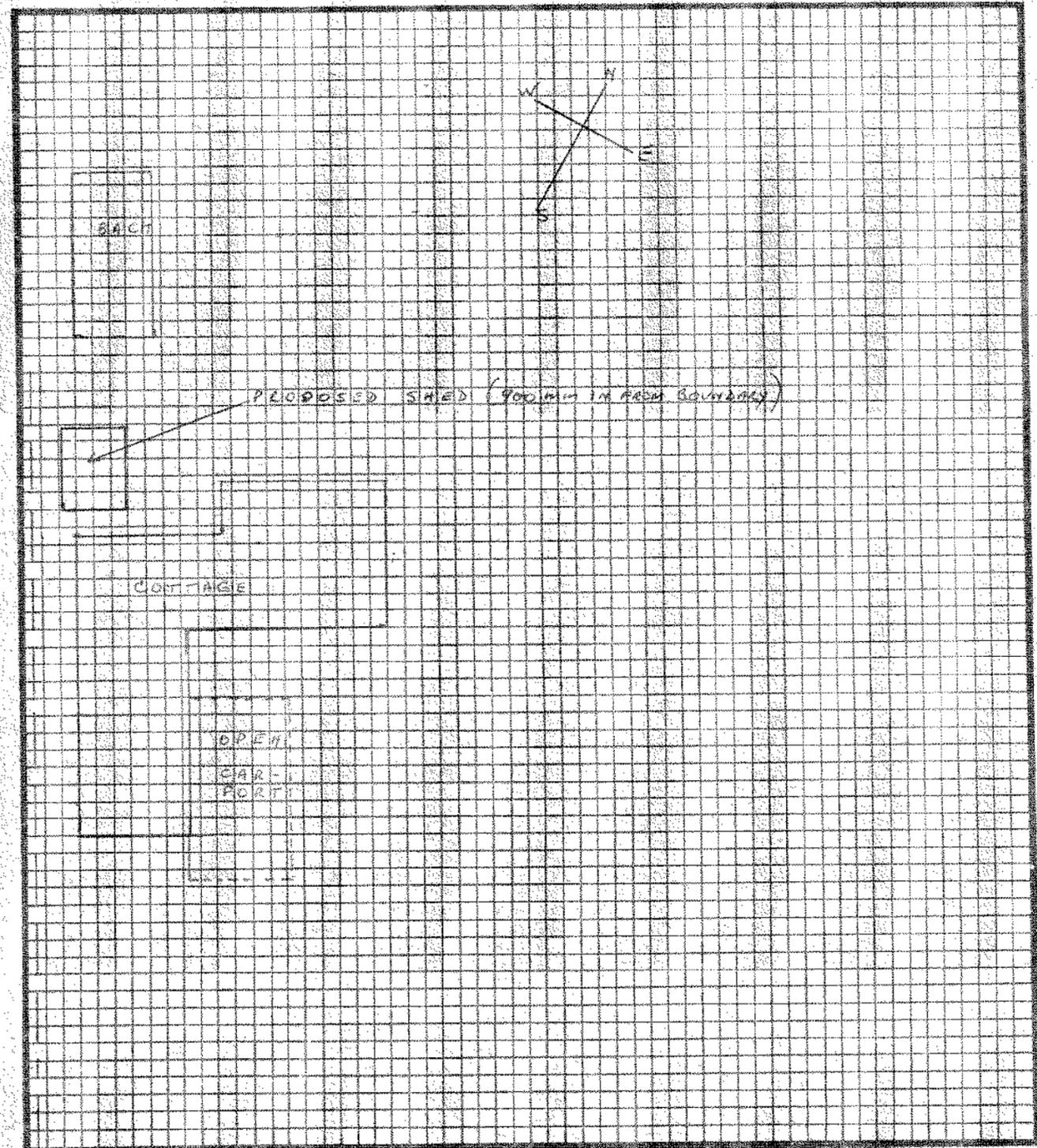
PLAN OF ALLOTMENT

Showing position of proposed building on such allotment.
NOTE.—Distances of each building from boundary lines must be clearly indicated.
(Scale: Two squares to one metre.)

Boundary Lines to be shown thus: _____

Generally DWELLINGS must NOT be ERECTED within 1.5 METRES of ADJOINING properties.

Frontage to 7 TUTERE ST. Road



— — — TUTERE ST — — — ALL EXISTING BUILDINGS TO BE SHOWN IN RED ON THIS PLAN

Fees not to be paid until requested by office

H.C.C./B.1

SCALE OF FEES

For the examination of plans and specifications of any building and for the inspection of such building the following fees shall be payable according to the estimated value of the work.

In any dispute as to value, the County Engineer shall have the absolute determination of the value of the proposed work or building.

ESTIMATED VALUE OF WORK		FEES
		£ s. d.
Not exceeding £10		0 5 0
Over £10 and not exceeding £100	£100	0 10 0
" £100 " " " £200	£200	1 0 0
" £200 " " " £300	£300	1 10 0
" £300 " " " £400	£400	2 0 0
" £400 " " " £500	£500	2 10 0
" £500 " " " £600	£600	3 0 0
" £600 " " " £700	£700	3 10 0
" £700 " " " £800	£800	4 0 0
" £800 " " " £900	£900	4 10 0
" £900 " " " £1,000	£1,000	5 0 0
" £1,000 " " " £1,250	£1,250	6 0 0
" £1,250 " " " £1,500	£1,500	7 0 0
" £1,500 " " " £1,750	£1,750	8 0 0
" £1,750 " " " £2,000	£2,000	9 0 0
" £2,000 " " " £2,500	£2,500	10 10 0
" £2,500 " " " £3,000	£3,000	12 0 0
" £3,000 " " " £3,500	£3,500	13 10 0
" £3,500 " " " £4,000	£4,000	15 0 0
" £4,000 " " " £4,500	£4,500	16 10 0
" £4,500 " " " £5,000	£5,000	18 0 0
" £5,000 " " " £6,000	£6,000	20 0 0
" £6,000 " " " £7,000	£7,000	22 0 0
" £7,000 " " " £8,000	£8,000	24 0 0
" £8,000 " " " £9,000	£9,000	26 0 0
" £9,000 " " " £10,000	£10,000	28 0 0
" £10,000 " " " £12,500	£12,500	32 0 0
" £12,500 " " " £15,000	£15,000	36 0 0
" £15,000 " " " £17,500	£17,500	40 0 0
" £17,500 " " " £20,000	£20,000	44 0 0
" £20,000 " " " £25,000	£25,000	49 0 0
" £25,000 " " " £30,000	£30,000	54 0 0
" £30,000 " " " £35,000	£35,000	59 0 0
" £35,000 " " " £40,000	£40,000	64 0 0
" £40,000 " " " £45,000	£45,000	69 0 0
" £45,000 " " " £50,000	£50,000	74 0 0
" £50,000 " " " £60,000	£60,000	79 0 0
" £60,000 " " " £70,000	£70,000	84 0 0
" £70,000 " " " £80,000	£80,000	89 0 0
" £80,000 " " " £90,000	£90,000	94 0 0
" £90,000 " " " £100,000	£100,000	99 0 0
Exceeding £100,000		100 0 0

FEES PAYABLE FOR SPECIAL DUTIES

For inspection required in the case of proposed structural alterations before plans are submitted for approval	0 10 0
For inspecting every detached stove, furnace, oven, close fire or forge erected subsequently to the building	0 5 0
For inspecting old timber before reusing the same in a new building	0 15 0
For any inspection that may be deemed necessary in connection with any building or work in respect of which no fee has otherwise been paid	0 2 6

Horowhenua County Council

PERMIT NO. 698

LOCALITY Waikanae

DATE RECEIVED

DATE ISSUED 16.4.58

APPLICATION FOR BUILDING PERMIT

OWNER'S NAME

Mrs E. J. Farrell

FOR OFFICE USE ONLY

REMARKS:

<p>APPROVED</p> <p><i>J. W. Duxworth</i></p> <p>COUNTY ENGINEER</p> <p>DATE 14/4/58</p>

NOTE.—

1. Buildings must NOT be erected within Five feet of adjoining properties.
2. All Plans and Specifications must be in ink.

Valuation Book No. 1492/653

Date _____ 19__

Application for Building Permit

TO THE BUILDING INSPECTOR,
 Horowhenua County Council,
 Bath Street,
 Levin

Postal Address: Horowhenua County Council,
 P.O. Box 17,
 Levin.

I, the undersigned, do hereby apply for a PERMIT to erect BUILDINGS in accordance with the undermentioned particulars in Horowhenua RIDING.

1. Type of Building: Additions
Dwellings, etc., additions or alterations

Particulars of Building: Foundations: Concrete Walls: Timber Roof: Iron
Total floor area: 220 sq. ft.

2. Allotment: Lot: 85 D.P.: 7462 Section: Waimahiri Inn
Area: 0 0 27 2 Block: 122W 1 S.D. Locality: Water Street

3. Owner's Full Name: Mr. C. A. Farrell
Address: 31 Water Street, Waimahiri, Levin

4. Previous Owner: If Section has been recently transferred.

5. Frontage (Length): _____ Name of Street or Road: Water Street

6. Estimated Value of Building: £ 600 : 0 : 0
Plumbing and Drainage £ _____ : _____ : _____ Total £ 3 : 0 : 0

7. Fees £ 3 : 0 : 0 No. of Receipt 1808 B
See Scale of Fees on Back Page.

All work will be carried out in accordance with Horowhenua County Council's By-laws.

NOTE:—The following MUST accompany this Application:—

Plans and Specifications in Duplicate, including—

- (a) Ground Plans of Proposed Work showing position of all sanitary fittings and names of various rooms.
- (b) Where the building is on a sloping site the correct height of foundations must be shown.
- (c) Front, Rear and Side Elevations.
- (d) Cross section showing framing with bracing.
- (e) Where a building requires Plumbing and Drainage Work, a Separate Application Form must be filled in and Permit obtained before commencing any such work.

Signature of Applicant: C. A. Farrell as BUILDER or OWNER

Address: 31 Water Street, Waimahiri, Levin

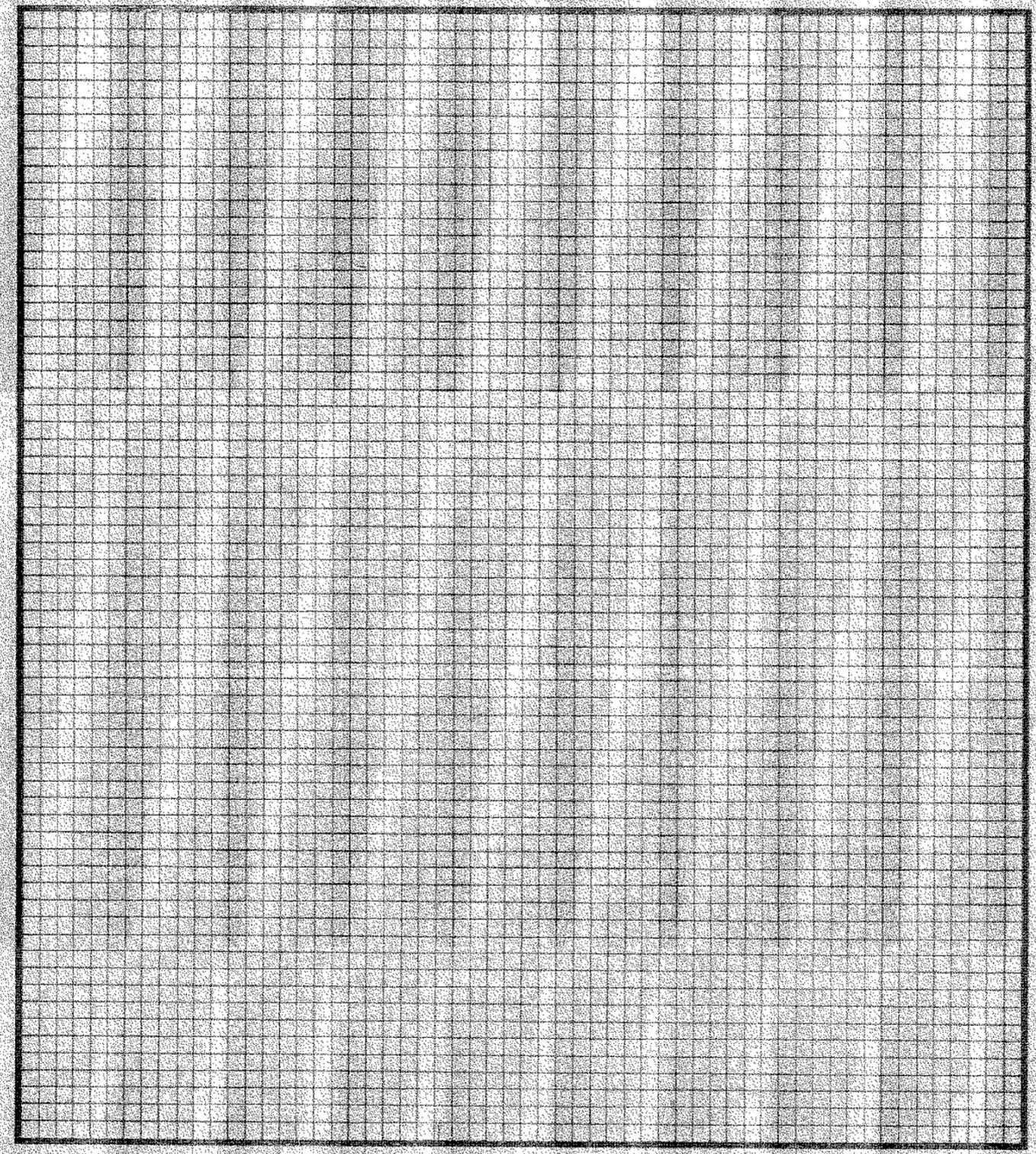
Builders Name and Address: If not the applicant

Plan of Allotment

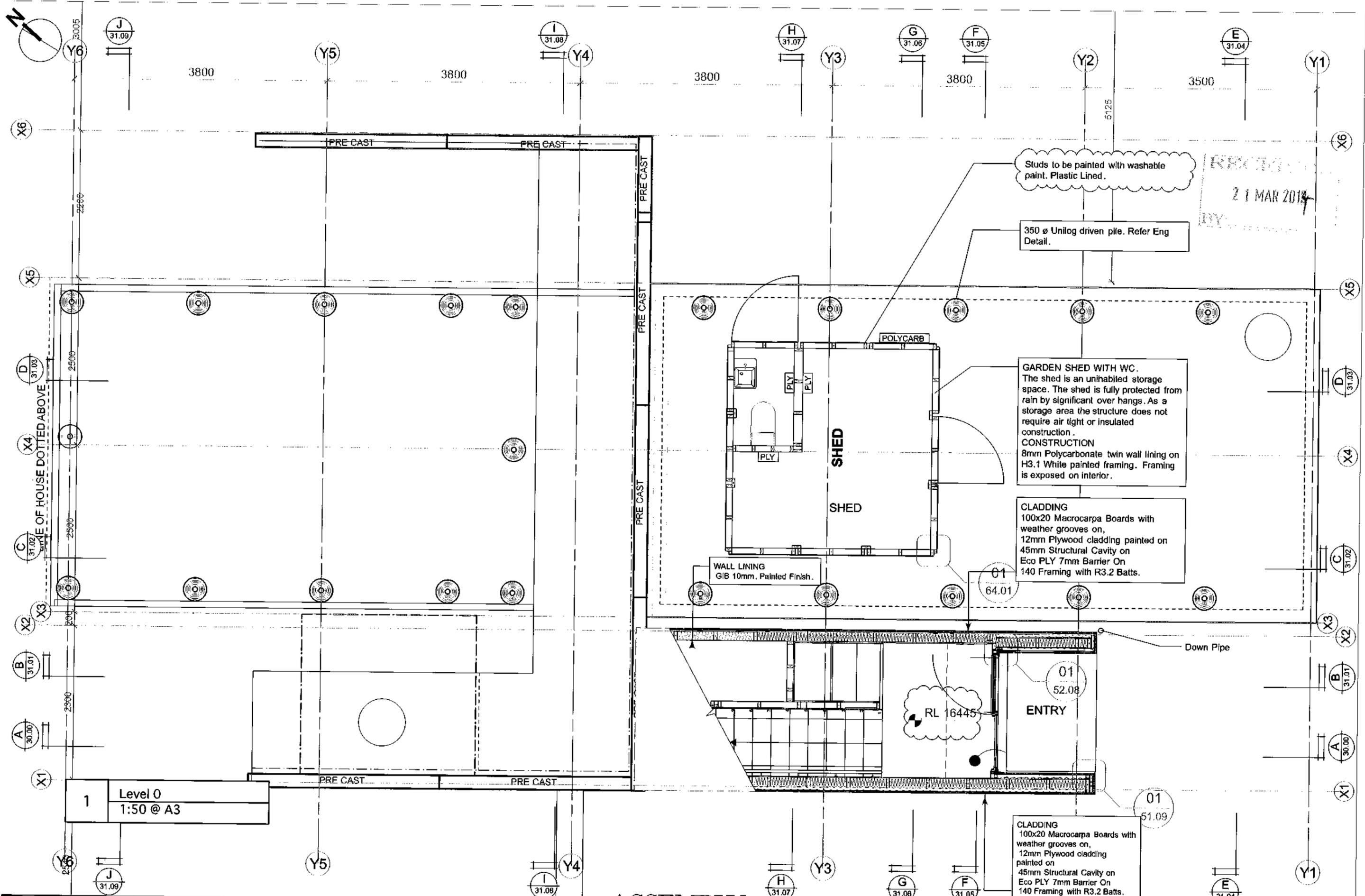
Showing position of proposed buildings on such allotment.
NOTE—Distances of each building from boundary lines must be clearly indicated.
(Scale: Two feet to a square.)

Boundary Lines to be shown thus: _____
BUILDINGS must NOT be ERECTED within FIVE FEET of ADJOINING properties.

Frontage to Water Street Road



ALL EXISTING BUILDINGS TO BE SHOWN IN RED ON THIS PLAN



RECEIVED
21 MAR 2014
BY: _____

Studs to be painted with washable paint. Plastic Lined.

350 ø Unilog driven pile. Refer Eng Detail.

GARDEN SHED WITH WC.
The shed is an uninhabited storage space. The shed is fully protected from rain by significant over hangs. As a storage area the structure does not require air tight or insulated construction.
CONSTRUCTION
8mm Polycarbonate twin wall lining on H3.1 White painted framing. Framing is exposed on interior.

CLADDING
100x20 Macrocarpa Boards with weather grooves on, 12mm Plywood cladding painted on 45mm Structural Cavity on Eco PLY 7mm Barrier On 140 Framing with R3.2 Batts.

WALL LINING
GIB 10mm. Painted Finish.

ENTRY
01 52.08

CLADDING
100x20 Macrocarpa Boards with weather grooves on, 12mm Plywood cladding painted on 45mm Structural Cavity on Eco PLY 7mm Barrier On 140 Framing with R3.2 Batts.

1 Level 0
1:50 @ A3

1307 O'Brien House 7 Tutere St Waikanae Jill & Shane O'Brien PROJECT	© COPYRIGHT ASSEMBLY ARCHITECTS LIMITED 233 WILLIS STREET, WELLINGTON 24 ESSEX AVE, ARROWTOWN Justin Wright 021 566 363	C 5/3/14 WHB added. Notes updated.
	B 11/2/14 Levels Changed to match Resource consent	
	A 10/12/13 BUILDING CONSENT	
	NOT FOR CONSTRUCTION	ISS DATE NOTE

ASSEMBLY ARCHITECTS LIMITED

Level 0 General Plans 20.00 C

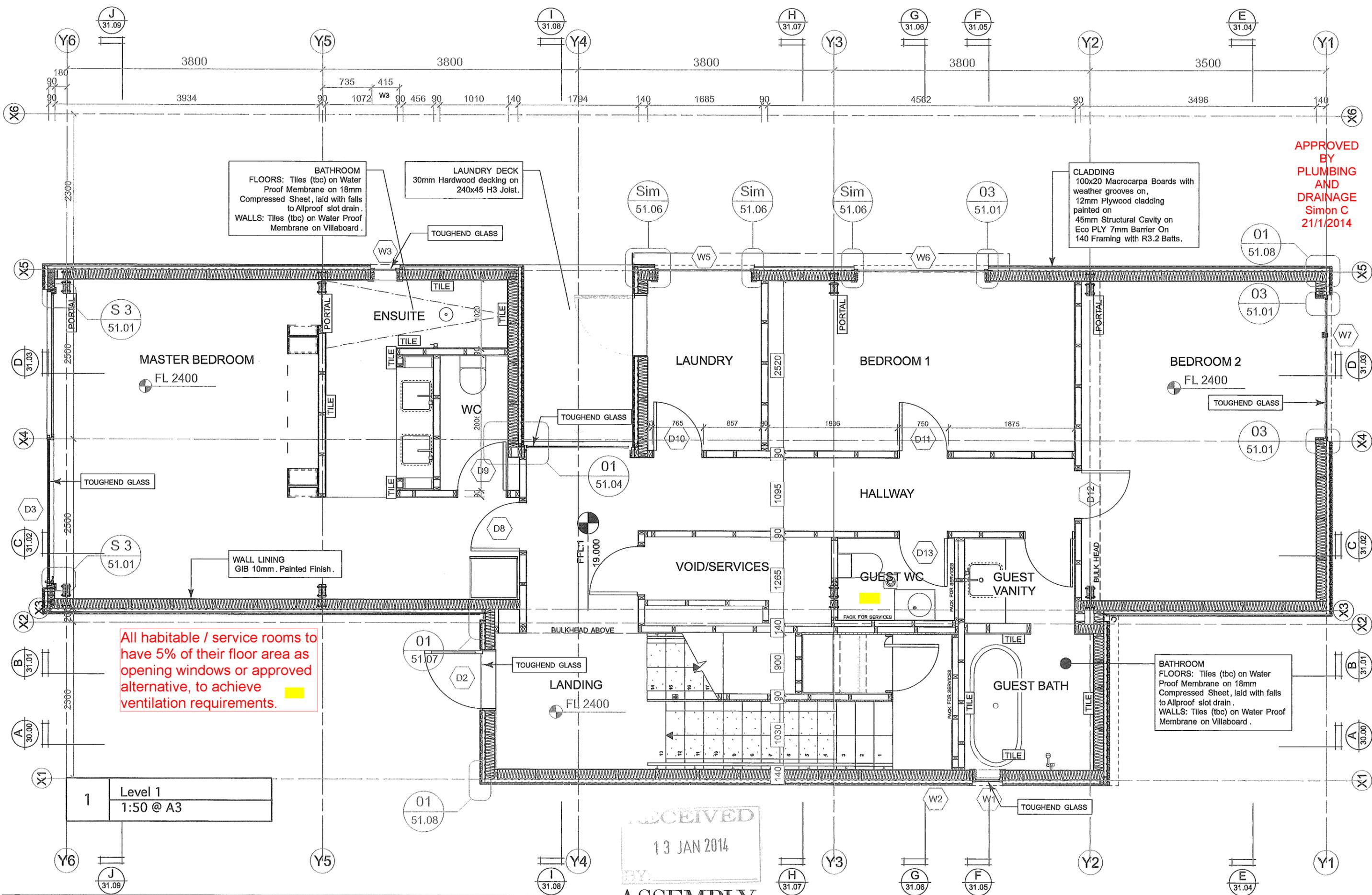
DRAWING NUMBER REV

preline plumbing inspection required.

All frost prone water pipes are to be lagged with a suitable type of insulation.

BC 140009

000010



APPROVED BY
PLUMBING
AND
DRAINAGE
Simon C
21/1/2014

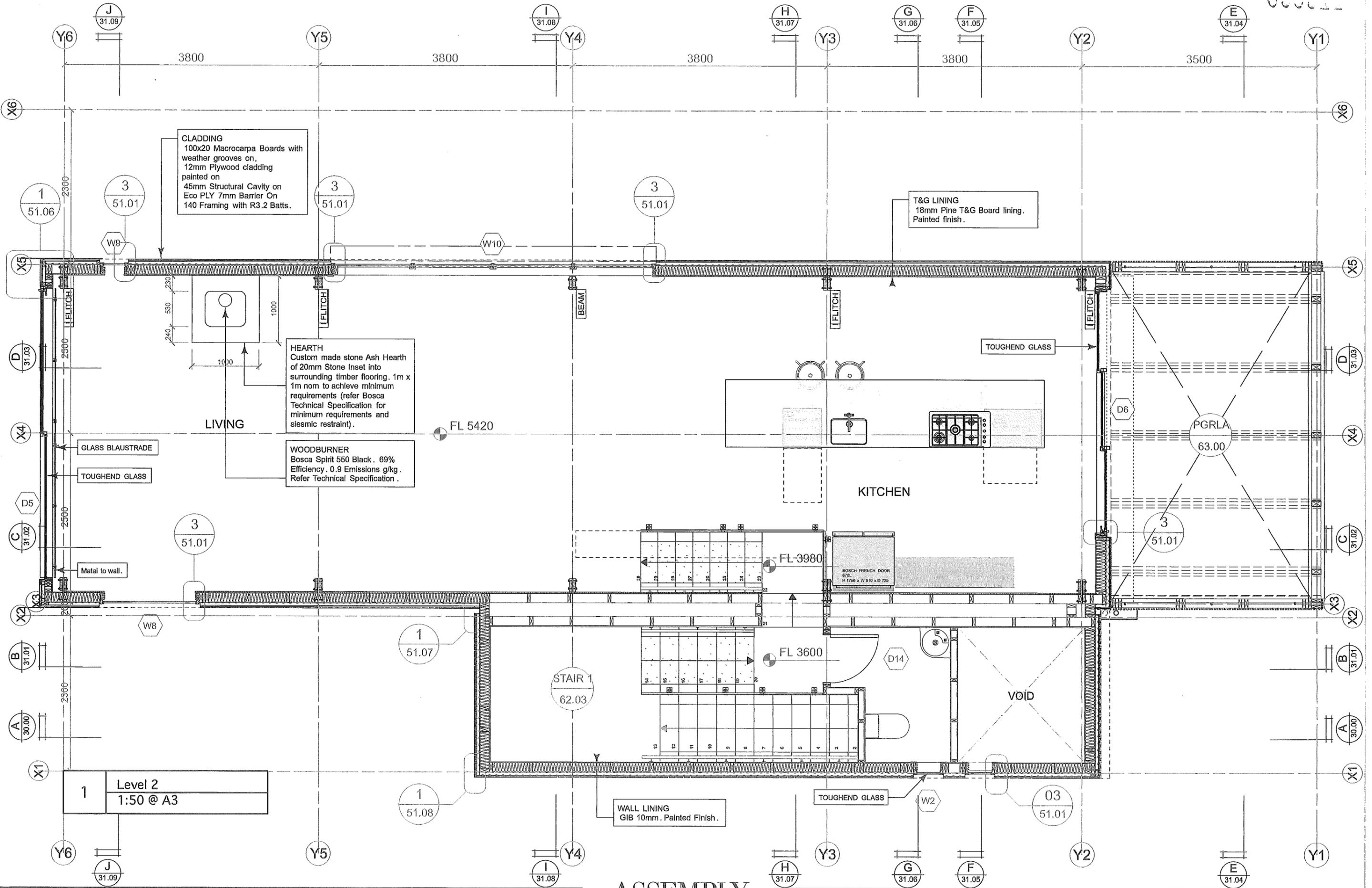
All habitable / service rooms to have 5% of their floor area as opening windows or approved alternative, to achieve ventilation requirements.

RECEIVED
13 JAN 2014
BY:
ASSEMBLY
ARCHITECTS
LIMITED

1307	O'Brien House 7 Tutere St Walkanae Jill & Shane O'Brien	© COPYRIGHT ASSEMBLY ARCHITECTS LIMITED 233 WILLIS STREET, WELLINGTON 24 ESSEX AVE, ARROWTOWN Justin Wright 021 525 333	A	10/12/13	BUILDING CONSENT
	PROJECT	NOT FOR CONSTRUCTION	ISS	DATE	NOTE

Level 1 General Plans		20.01	A
DRAWING	NUMBER	REV	

1307-bc15.v001



CLADDING
 100x20 Macrocarpa Boards with weather grooves on,
 12mm Plywood cladding painted on
 45mm Structural Cavity on
 Eco PLY 7mm Barrier On
 140 Framing with R3.2 Batts.

HEARTH
 Custom made stone Ash Hearth of 20mm Stone Inset into surrounding timber flooring. 1m x 1m nom to achieve minimum requirements (refer Bosca Technical Specification for minimum requirements and seismic restraint).

WOODBURNER
 Bosca Spirit 550 Black. 69% Efficiency. 0.9 Emissions g/kg. Refer Technical Specification.

T&G LINING
 18mm Pine T&G Board lining. Painted finish.

WALL LINING
 GIB 10mm. Painted Finish.

1 Level 2
 1:50 @ A3

1307 O'Brien House
 7 Tutere St Waikanae
 Jill & Shane O'Brien
 PROJECT

© COPYRIGHT
 ASSEMBLY ARCHITECTS LIMITED
 233 WILLIS STREET, WELLINGTON
 24 ESSEX AVE, ARROWTOWN
 Justin Wright 021 565 383
 NOT FOR CONSTRUCTION

RECEIVED
 13 JAN 2014
 BY: _____

ASSEMBLY
 ARCHITECTS
 LIMITED

Level 2 General Plans 20.02 A
 DRAWING NUMBER REV

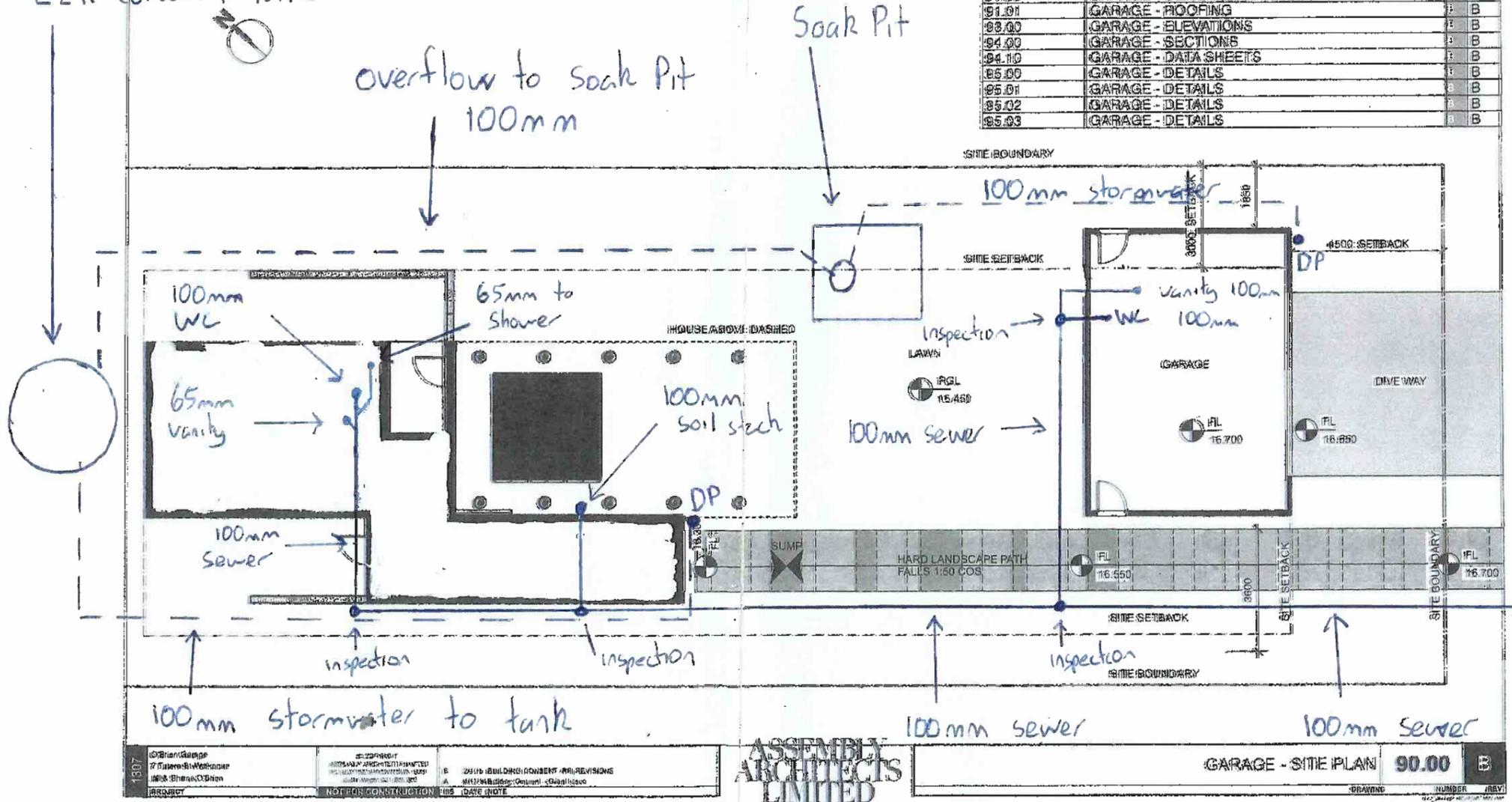
BUILDING CONSENT REVISED ISSUE

Hynes concrete water tank
22k collection tank

Drainage Asbuilt

NUMBER	DRAWING NAME	DATE	BY	CHKD	APPD
90.00	GARAGE - SITE PLAN				
90.01	GARAGE - LEGEND				
91.00	GARAGE - GENERAL ARRANGEMENT				
91.01	GARAGE - ROOFING				
93.00	GARAGE - ELEVATIONS				
94.00	GARAGE - SECTIONS				
94.10	GARAGE - DATA SHEETS				
95.00	GARAGE - DETAILS				
95.01	GARAGE - DETAILS				
95.02	GARAGE - DETAILS				
95.03	GARAGE - DETAILS				

CONSENT REVISION
THIS ISSUE



1307	1307	1307	1307
1307	1307	1307	1307

ASSEMBLY ARCHITECTS LIMITED

GARAGE - SITE PLAN	90.00	B
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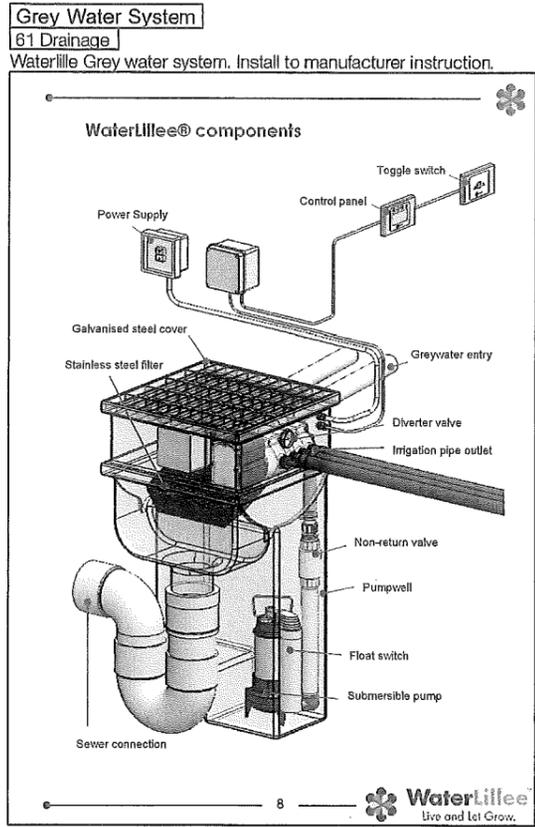
As-laid Drainage Plan

David Brokenshik August 2018
12156

7 Tutere Street Waikanae Beach
Rhyr Van Bunnik Nov 2020

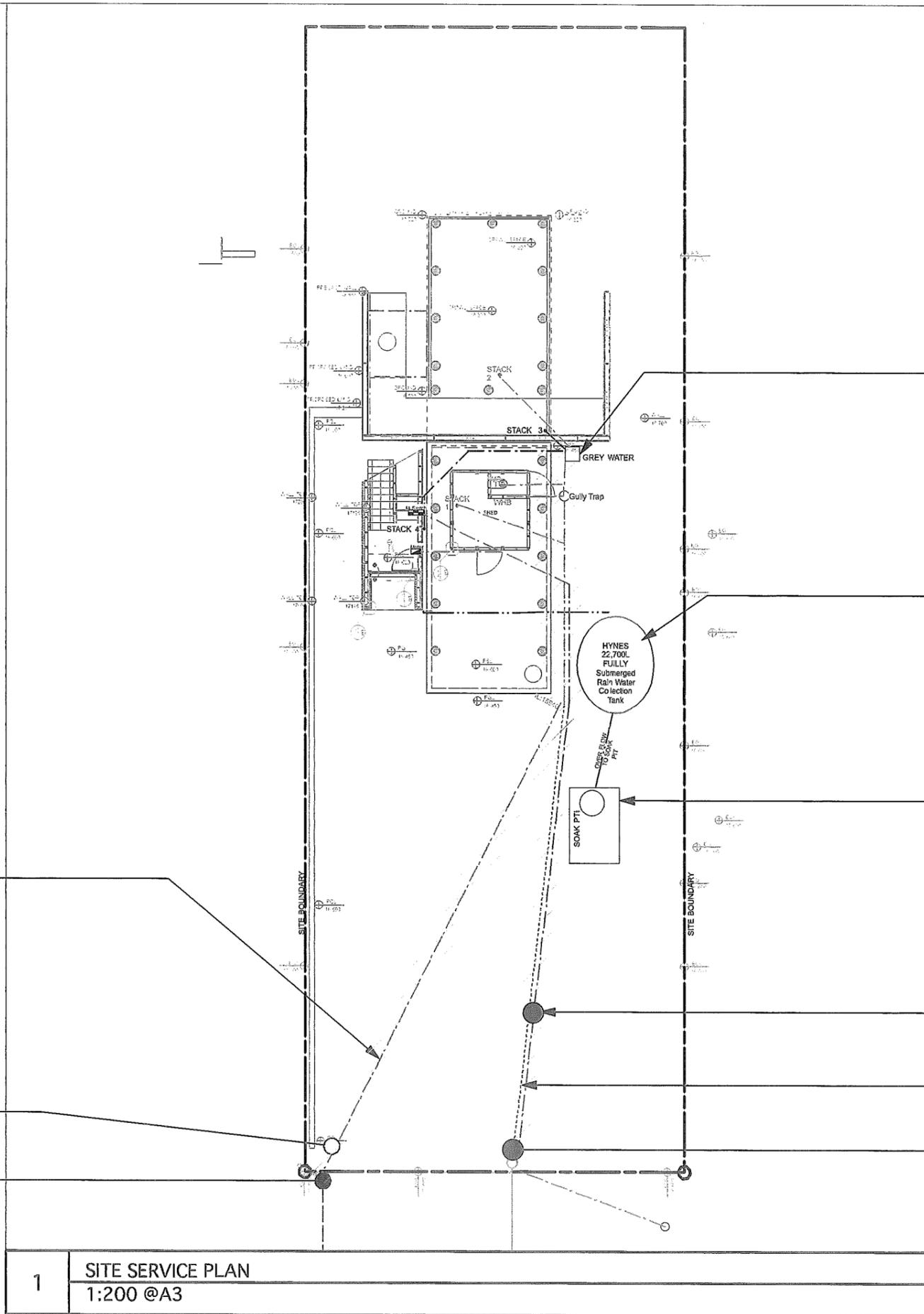
BC 140009 / BC 150134

000004
 RECEIVED
 13 JAN 2014
 BY:



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

CERTIFYING PLUMBER/DRAINLAYER TO FILL OUT ATTACHED PRODUCER STATEMENT FORMS AND RETURN TO COUNCIL ALSO PROVIDE NEAT ASBUILT DRAINAGE PLAN SHOWING SEWER STORMWATER AND WATER



'WATER LILLEE' Grey water collection and distribution system. Install in accordance with manufacturer instruction.

HYNES CONCRETE WATER TANK 22K liter fully submerged water collection tank. Feed all stormwater collection to tank. Connect Overflow to soak pit.

SOAK PIT Refer to Drawing 80.03 SOAK PIT for typical install detail.

SINGLE PHASE MAINS SUPPLY, Install main supply cable to AS/NZS 4961 and AS/NZS 3008.1.2. Minimum rating of 60 amps per phase. Obtain and comply with all relevant Network Utility Operators requirements. Cable to be laid safely underground in trench. Lay marker tape and back fill.

SHARED TRENCH FOR POWER AND WATER SUPPLY

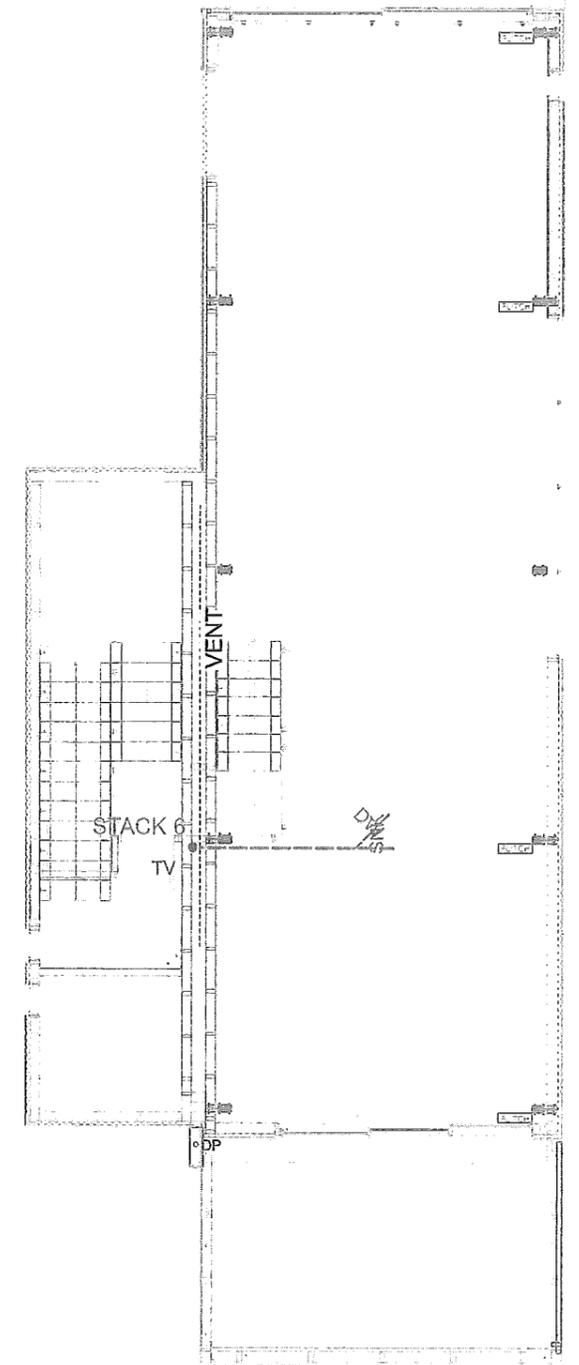
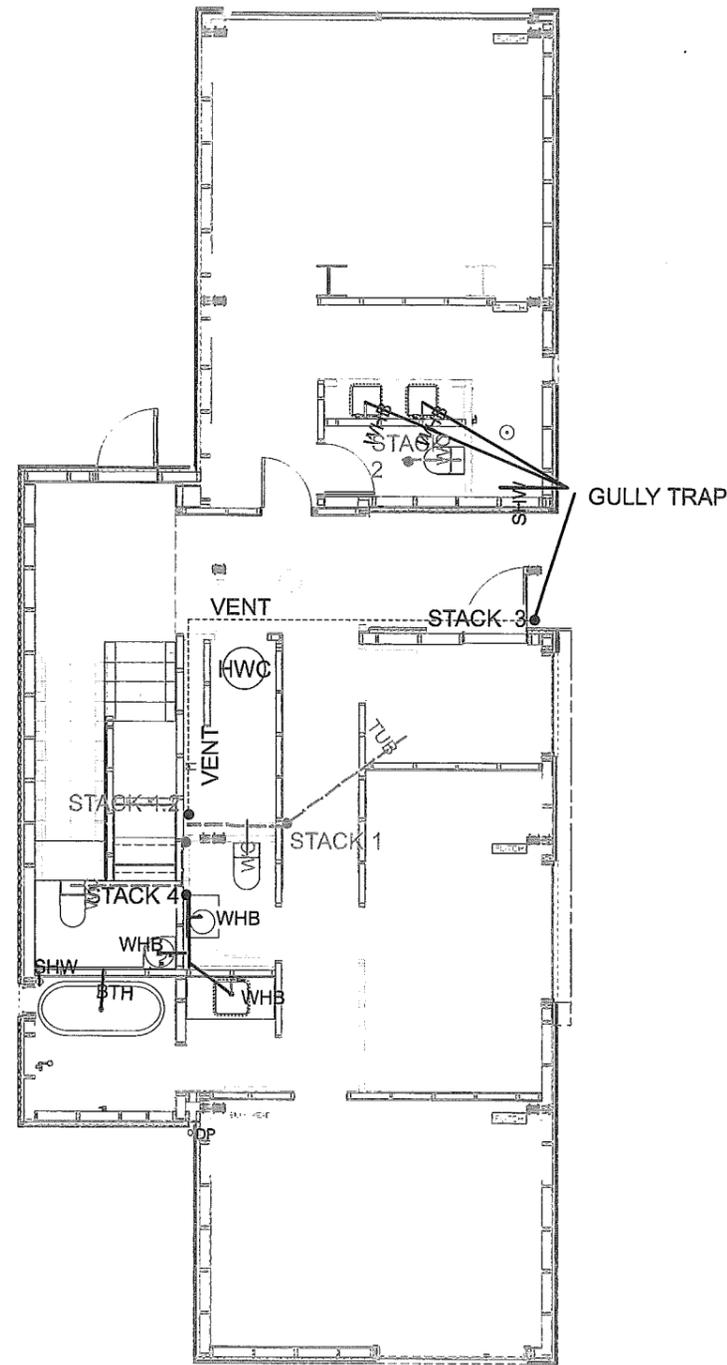
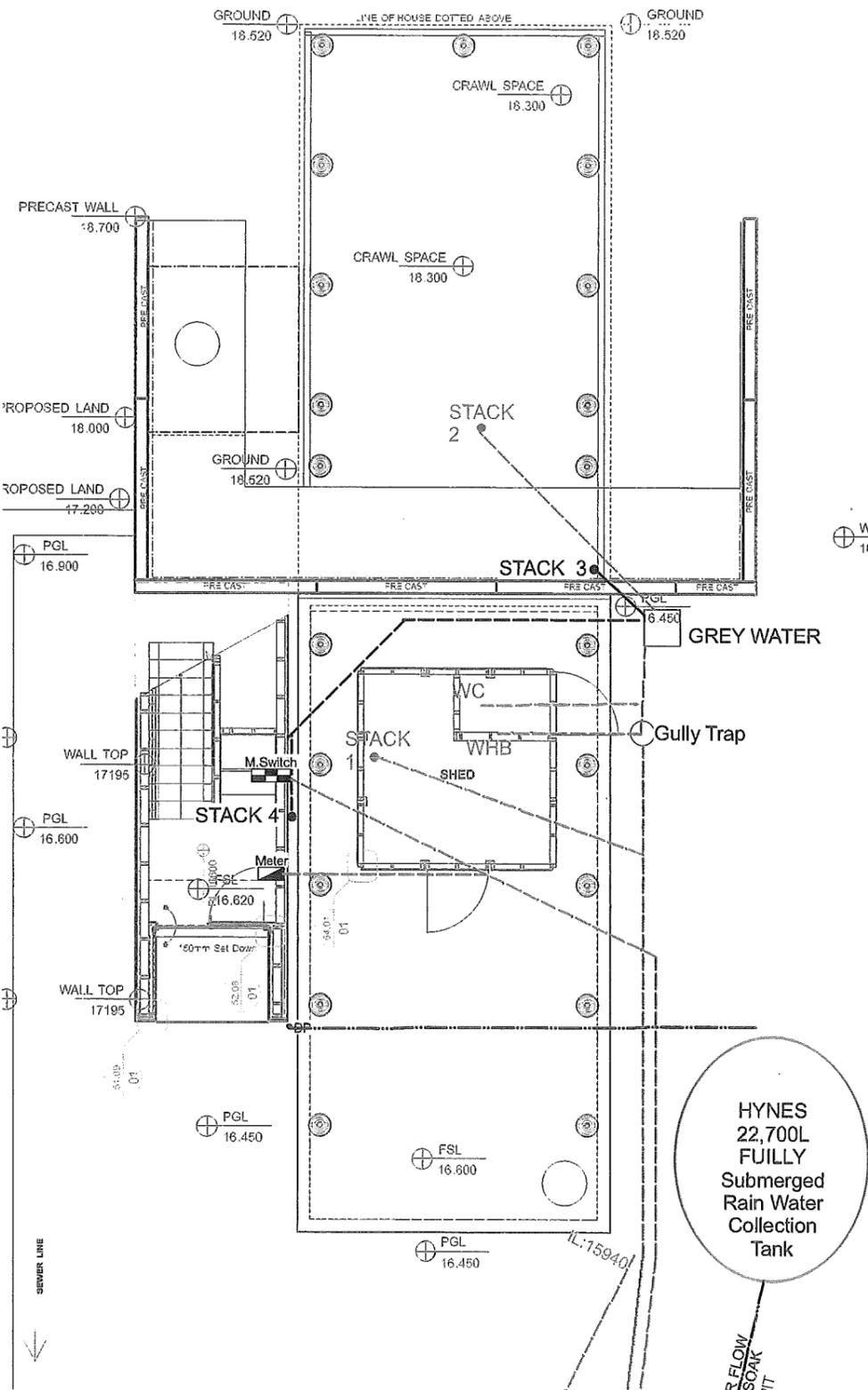
SITE WATER CONNECTION Connect to water supply at boundary. Run new water supply in shared trench.

SEWAR IN TRENCH IN ACCORDANCE WITH G13 Fig 7

PROVIDE ACCESS INSPECTION POINT positioned immediately inside of boundary and outfall in accordance with G13 5.7.4 a & b

CONNECT TO EXISTING SEWER AT BOUNDARY

1 SITE SERVICE PLAN
 1:200 @A3



A 20MM copper TPR drain from the HWC is to run from the tundish to the discharge point at low level outside of the building at low level
Plastic pipe not to be used!

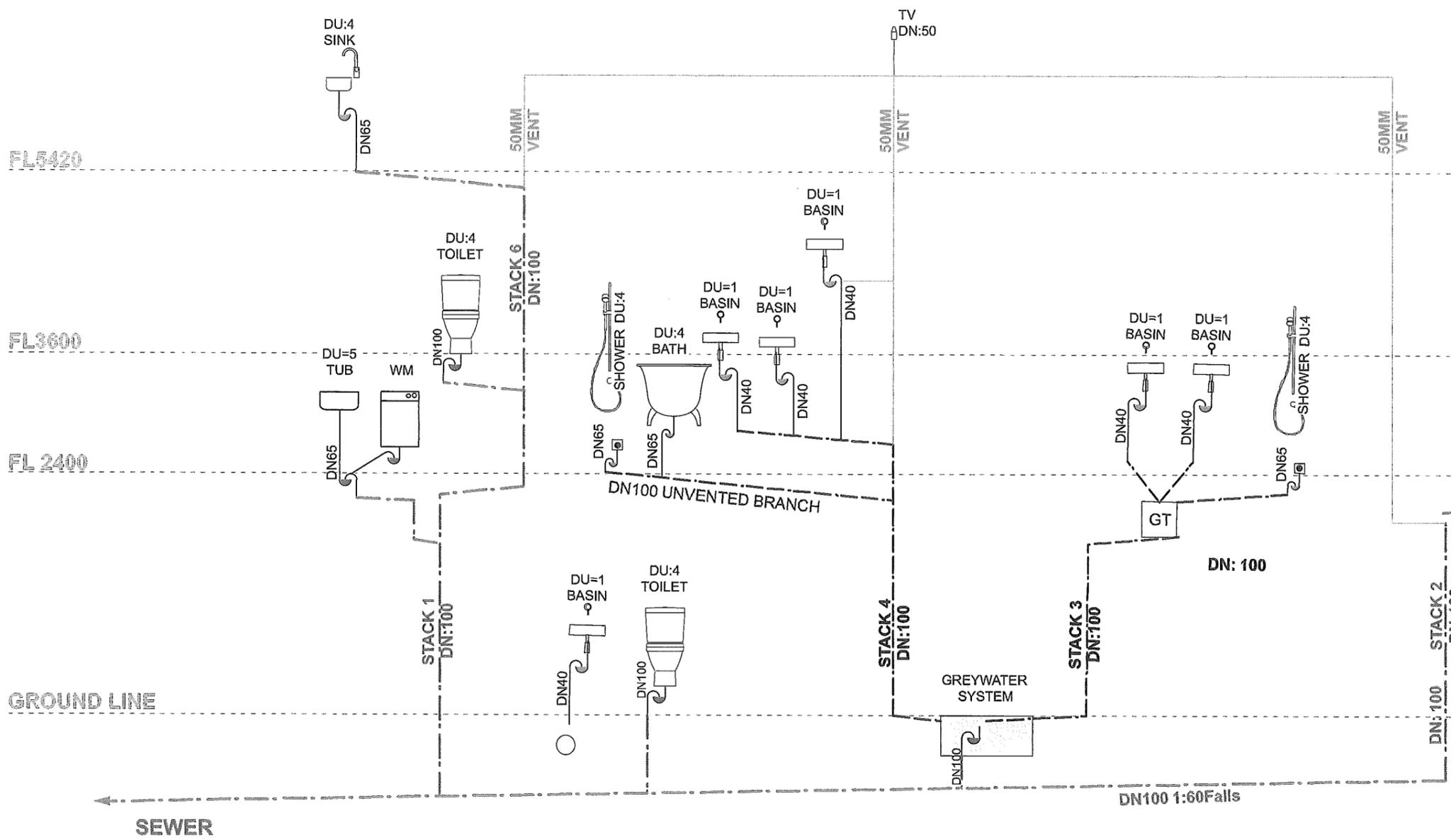
1307	O'Brien House 7 Tutere St Walkanae Jill & Shane O'Brien	© COPYRIGHT ASSEMBLY ARCHITECTS LIMITED 233 WILLIS STREET, WELLINGTON 24 ESSEX AVE, ARROWTOWN Justin Wright 021 555 353	A 10/12/13 BUILDING CONSENT
	PROJECT	NOT FOR CONSTRUCTION	ISS DATE NOTE

ASSEMBLY ARCHITECTS LIMITED

Plumbing Plan		80.01	A
DRAWING	NUMBER	REV	

TOTAL DISCHARGE UNITS:

TUB	1
BASIN:	4
BATH	1
SHOWER	2
TOILET	3
SINK	1
WASH	1
DW	1
TOTAL	14



Ensure that the upstairs soil and wastepipes can run to the exterior without damaging any structural members

2x45 degree bends required at the base of the soil stack.

Any branches into the vertical soil stack are to installed with 45 degree junctions not strap bosses.

Water test soil stacks at the preline plumbing inspection stage

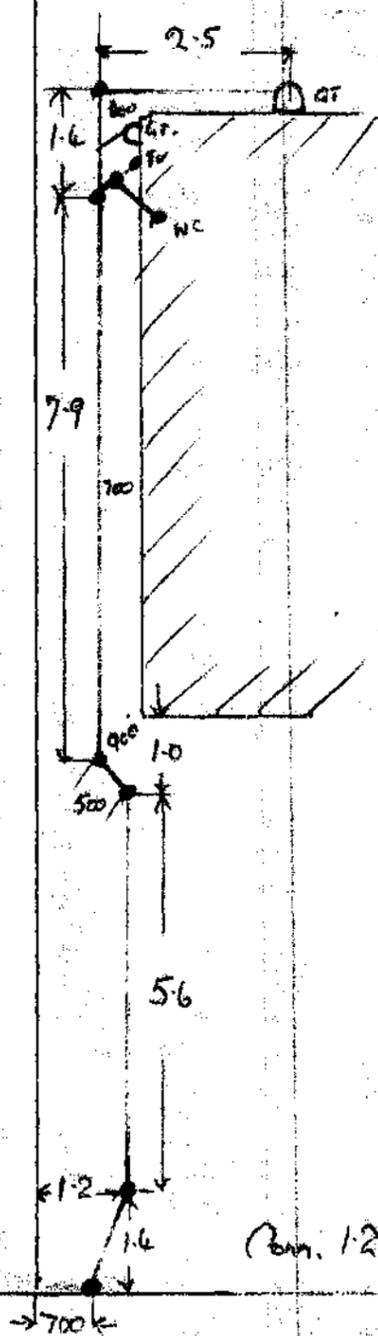
1	Plumbing Diagram
---	------------------

1307	O'Brien House 7 Tutere St Walkanae Jill & Shane O'Brien	© COPYRIGHT ASSEMBLY ARCHITECTS LIMITED 233 WILLIS STREET, WELLINGTON 24 ESSEX AVE, ARROWTOWN Justin Wright 021 565 353	A	10/12/13	BUILDING CONSENT
	PROJECT	NOT FOR CONSTRUCTION	ISS	DATE	NOTE

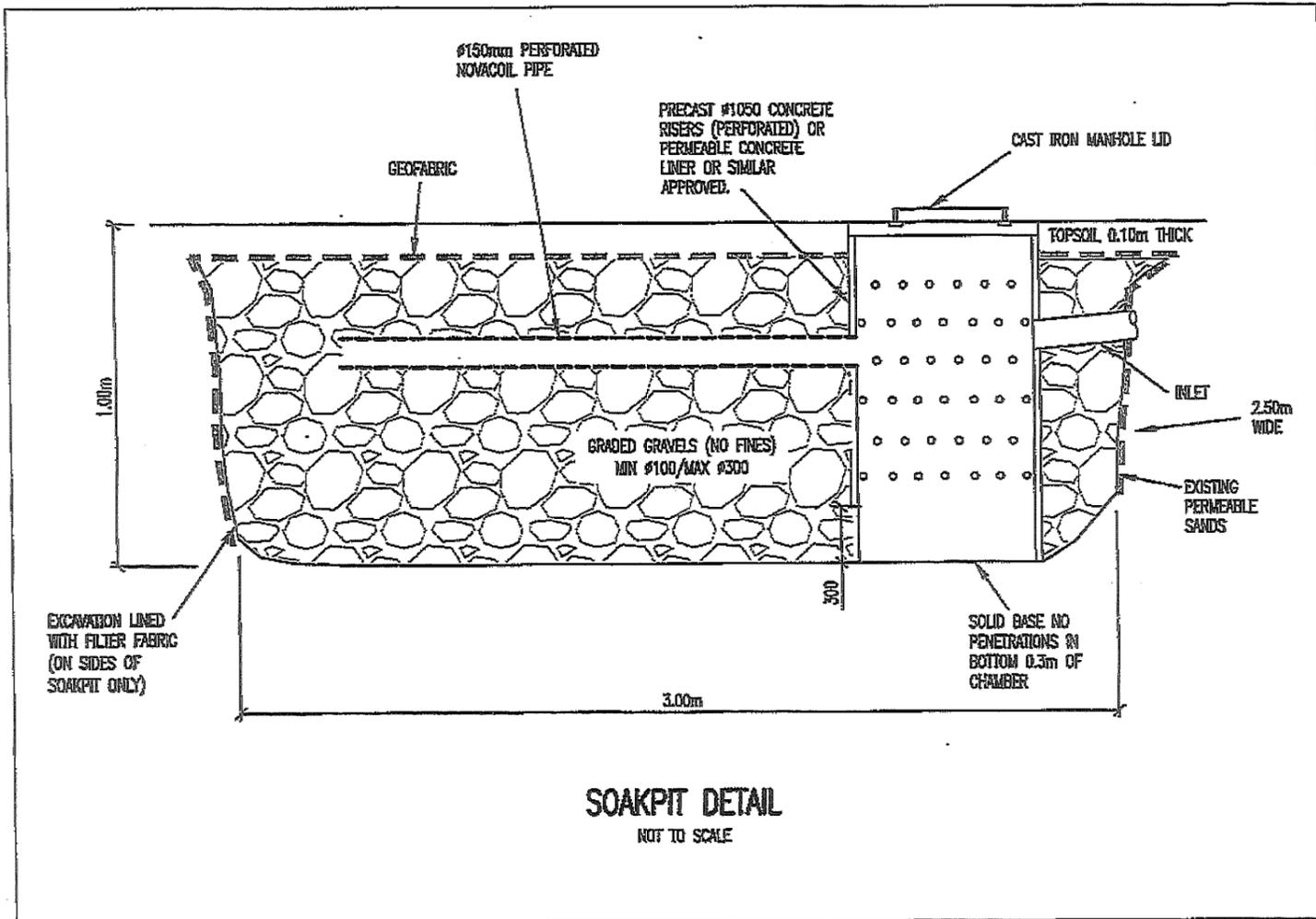
ASSEMBLY ARCHITECTS LIMITED

Plumbing Diagram		80.02	A
DRAWING	NUMBER	REV	

RECEIVED
13 JAN 2014
BY:



Hughson - 7 Tutave Street.
 Drainlayer M. Phillips.



SOAK PIT 1 CALCULATIONS

9.0.5

The volume of storage required in the soak pit, V_{stor} (m³), shall be calculated by:

$$V_{stor} = R_c - V_{soak}$$

where:

R_c = run-off discharged from catchment to soak pit in 1 hour (m³).

V_{soak} = volume disposed of by soakage in 1 hour (m³).

$$R_c = 10CIA$$

where

C = run-off coefficient (see Table 1).

I = rainfall intensity (mm/hr) based on 1 hour duration of an event having a 10% probability of occurring annually.

A = area (hectares) of the catchment discharging to the soak pit.

$$V_{soak} = A_{sp} S_r / 1000$$

where

A_{sp} = area of the base of the soak pit (m²).

S_r = soakage rate (mm/hr) determined from 9.0.2

9.0.5

Where the soak pit comprises a rock filled hole, then the volume available for storage, V_{stor} , shall be taken as 0.38 times the volume of the hole.

Proposed Soak Pit Storage Volume is greater than the required V_{store} , hence as per E1/M1 the proposed soak pit meet the performance requirements of the building code.

Run Off Discharged to Pit (RC)	Const	Run Off Coefficient	RainFall Intensity	Area (hectares)
2.55 m ³	10	0.90	27	0.011

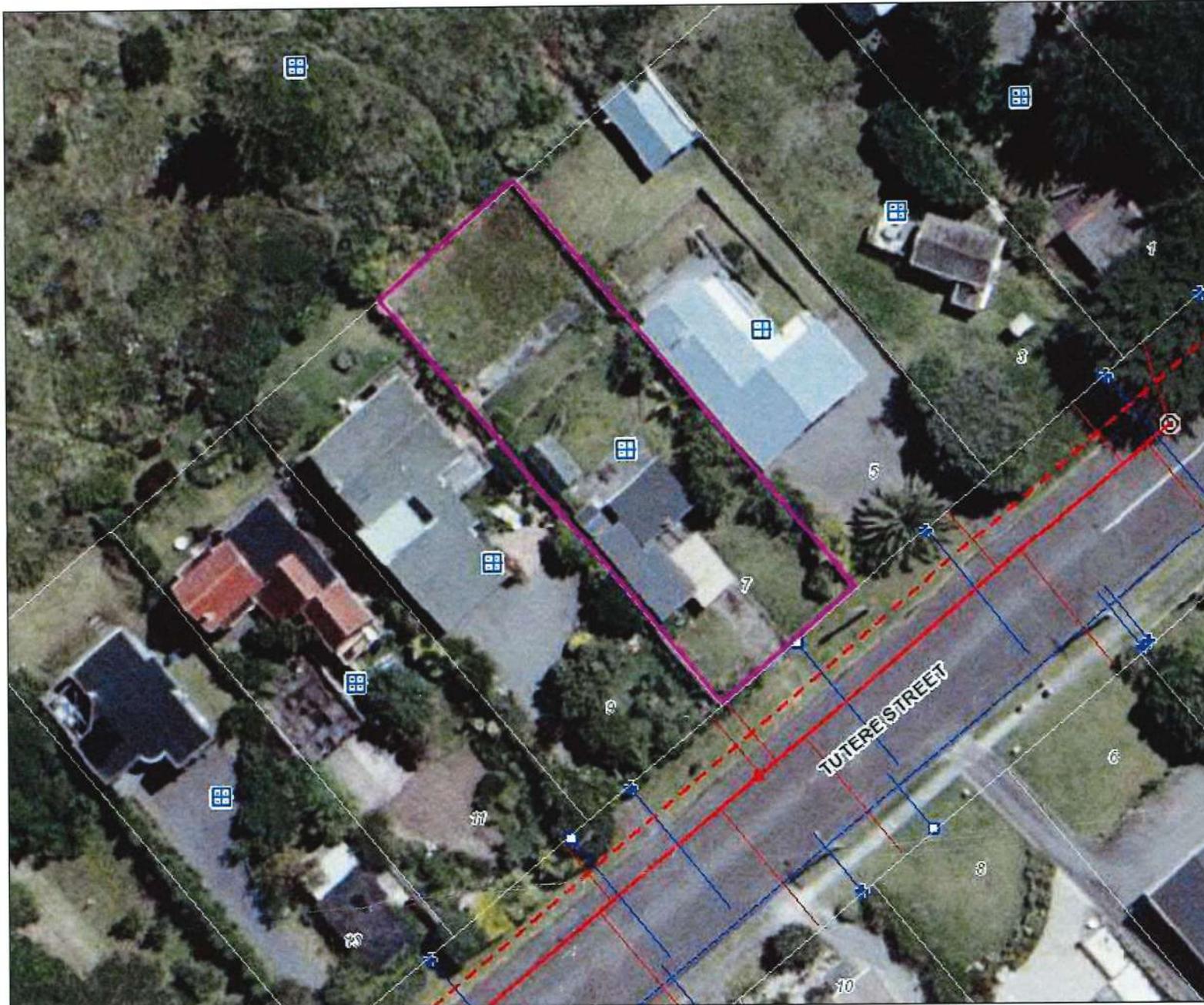
Vsoak	Area Base of Pit (A _{sp})	Soak Rate (S _r)	Const
2	4 M ²	500	1000

Vstore	Run Off Discharge (RC)	Discharge Volume (V _{Soak})
0.55 m ³	2.5515	2

Soak Pit Size Req	Store Req	Rock Factor
1.45 m ³	0.5515	0.38

Proposed Soak Pit	Width (m)	Length (M)	Height (M)	Volume (M ³)
V _{Proposed}	2	2	0.5	2 m ³
Rock Factor (9.0.6)				0.38
STORAGE VOLUME			V_{store}	0.76 m³

Table 1: Run-off Coefficients	
Paragraphs 2.0.1, 2.1.1, 2.1.3	
Description of surface	C
Natural surface types	
Non-impermeable clay with no interception channels or run-off control	0.70
Non-vegetated soil of medium soakage	0.60
heavy clay soil types:	
- pasture and grass cover	0.40
- bush and scrub cover	0.35
- cultivated	0.30
Medium soakage soil types:	
- pasture and scrub cover	0.30
- bush and scrub cover	0.25
- cultivated	0.20
High soakage gravel, sandy and volcanic soil types:	
- pasture and scrub cover	0.20
- bush and scrub cover	0.15
- cultivated	0.10
Parks, playgrounds and reserves:	
- mainly grassed	0.30
- predominantly bush	0.25
Gardens, lawns, etc.	0.25
Developed surface types	
fully roofed and/or sealed developments	0.90
Steel and non-absorbent roof surfaces	0.90
Asphalt and concrete paved surfaces	0.85
near flat and slightly absorbent roof surfaces	0.80
Stone, brick and precast concrete paving panels	
- with sealed joints	0.80
- with open joints	0.60
Unsealed roads	0.60
Lawns and unsealed yards and similar surfaces	0.35
Land use types	
industrial, commercial, shopping areas and town house developments	0.60
Residential areas in which the impervious area is less than 30% of gross area	0.45
Residential areas in which impervious area is 30% to 50% of gross area	0.35
Note:	
Where the impervious area exceeds 50% of gross area, use method of Paragraph 2.1.2	



Legend

- Deposited Plans
- Parcel
- Rivers Streams Drains
- WS Point**
 - Node
 - Flowmeter
 - Hydrant
 - Manifold
 - Manifold - Restrictor
 - Manifold - PC75
 - Meter-Manifold
 - Pump
 - Reservoir
 - Toby
 - Valve-Air
 - Valve-Check/NRV
 - Valve-Gate
 - Valve
 - Well Head
 - Zone Meter
- WS Pipe**
 - Bulk Main
 - Main
 - Rider Main
 - Drain
 - Unknown
 - Private
 - Abandoned
- WS Lateral**
 - Lateral
 - Private Lateral
- SW Point**
 - Misc
 - Manhole
 - Pump Station
 - Soakpit
 - Sump
 - Valve

SCALE 1: 481 @A4

Date Printed: 21-January-2014



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WAIKANAĒ DISTRICT COMMUNITY

PLAN OF ALLOTMENT - PROPOSED DRAINAGE LAYOUT

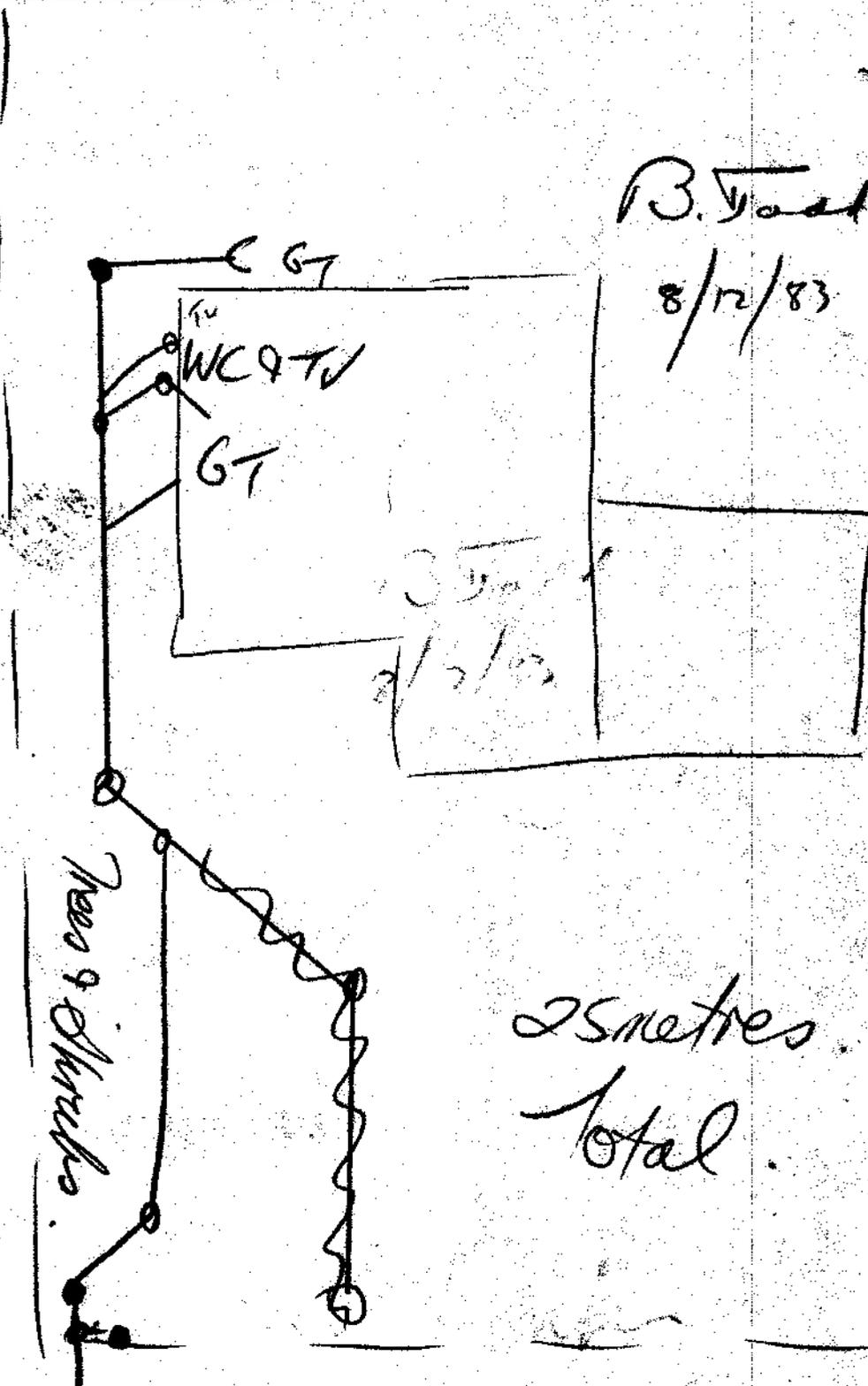
Showing existing buildings and drainage layout and proposed drainage layout to the sewer
Scale 1-100

Boundary Lines to be shown thus: _____

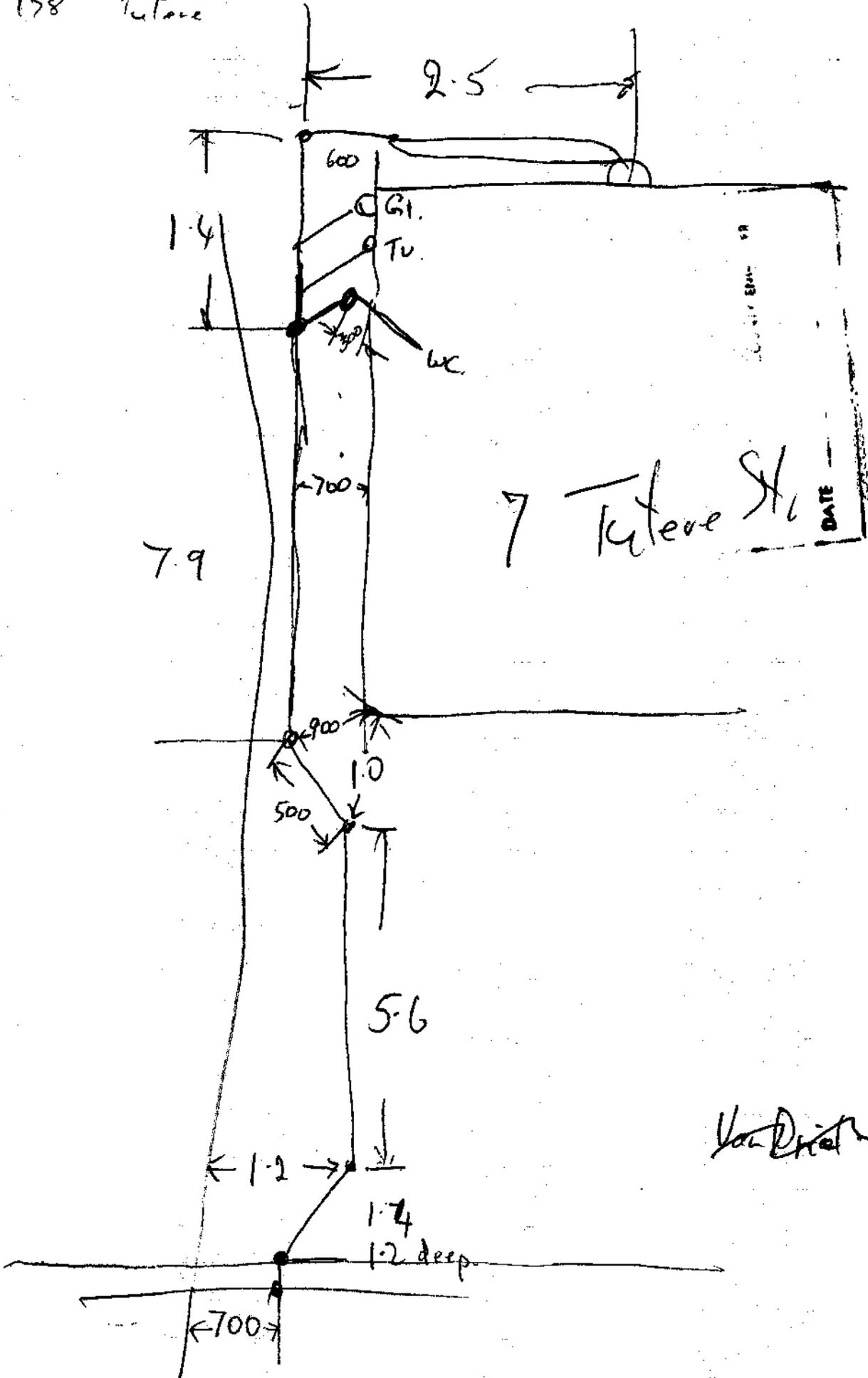
Frontage to

TOTERE ST.

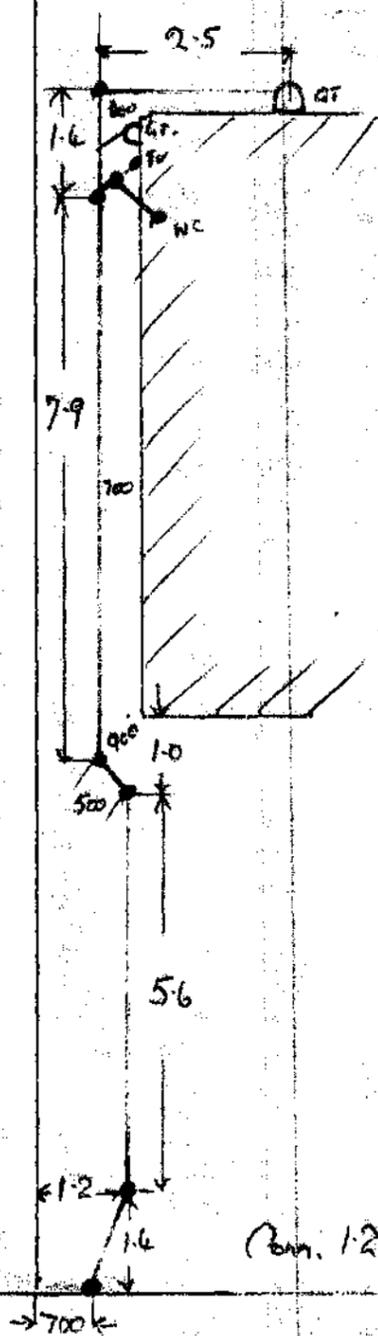
Road



7 Tutore - M. P. 11 101
178 Tutore



Van D... Plan
A. U. 1.



Hughson - 7 Tutave Street.
 Drainlayer M. Phillips.