

STATEMENT OF PASSING OVER INFORMATION

This information has been supplied by the vendor or the vendor's agents. Accordingly, Ownly (REAA 2008) and Sold On Kapiti Limited is merely passing over the information as supplied to us by the vendor of the vendor's agents.

We cannot guarantee its accuracy and reliability as we have not checked, audited, or reviewed the information and all the intending purchasers are advised to conduct their own due diligence investigation into the same.

To the maximum extent permitted by law Ownly (REAA 2008) and Sold On Kapiti Limited does not accept any responsibility to any person for the accuracy of the information herein.



SOLD ON KĀPITI
real estate

CODE COMPLIANCE CERTIFICATE

Section 95 Building Act 2004



Consent No: 160014

The Building		
Street address of building:	200B Manly Street, Paraparaumu Beach	Building name:
Current, Lawfully established, use:	Residential dwelling	Location of building within site/block number:
Level/unit number:		Intended life of the building if 50 years or less:
Legal description of land where building is located:	LOT 2 DP 83579 CT 50D/238	Year first constructed:
The Owner		
Name of owner:	Atkinson Timothy David	Street address /registered office:
Contact person:		Phone numbers:
Mailing address:	6 Park Road Paraparaumu 5032	Landline:
		Mobile:
		Daytime:
Email address:	timothy.atkinson@blackrock.com	After hours:
Website:		Facsimile number:
First point of contact for communications with the Kapiti Coast District Council:		
Full Name: Gavin Thorley Mailing Address: C/- Colour Options, PO Box 2038, Raumati Beach Phones: 04 299 7930; 021 225 8222; 04 902 5997 Fax: 04 298 6251 Email: gavin@amnico.co.nz		
Building Work		
Building Consent No:	160014	Issued by: Kapiti Coast District Council
Project Description:	Insulation & installation of bracing.	

Code Compliance

The building consent authority named below is satisfied, on reasonable grounds, that:

- (a) the building work complies with the building consent;

Russell Brook – Team Leader – Site Inspections

On behalf of **Kapiti Coast District Council**

Date: 17 November 2016

Statement of Compliance with the NZ Building Code

Consent No: 160014

ISSUED BY: **Kapiti Coast District Council**

PROJECT

Site Address: 200B Manly Street, Paraparaumu Beach
Legal Description: LOT 2 DP 83579 CT 50D/238
Work Description: Insulation & installation of bracing.
Building Category: R2

OWNER

Name(s): Tim & Jo Atkinson
Address: C/- Jamie Atkinson, 8 Rae Lane, Paraparaumu

- [P] Application for CCC received and accepted
- [P] Confirm all required inspections completed and documented in GoGet
- [NA] If inspection(s) have been missed, have they been compensated for?
- [NA] If supervision was required for any inspection - did it occur?
- [P] Work in accordance with approved consent and approved amendments
- [NA] Have any notices to fix been uplifted?
- [P] Supporting documentation required in building consent addenda received
- [P] Quality assurance documentation
- [P] Restricted building work
- [NA] Additional information required and received
- [NA] Compliance schedule issued
- [NA] Earthquake prone building
- [NA] Swimming Pool details updated
- [P] Approve to issue Code Compliance Certificate if all fees paid
- [NA] Approve to issue Certificate for Public Use if all fees paid
- [NA] Approve to issue Certificate of Acceptance if all fees paid
- [P] Supervision review

NOTES:

Inspections Prepaid: 3
Inspections Done: 5
OK to issue CCC

LICENSED BUILDING PRACTITIONERS:

Carpentry 1 BP101413

On review of the documentation and inspection notes it can be considered on reasonable grounds that all work has been completed in compliance with the building consent.

Signed: 
Name: Michelle Salmon
Position: Building Officer

Date: 17 November 2016

Supervision reviewed *ABroad* *21/11/16*

BUILDING CONSENT DOCUMENTATION FILED

Building Consent Number:	160014
Street Address:	200 B mainly street, Paopapaumu

Tick indicates documents (s) included in this Building Consent							✓
Building Consent Documentation							✓
Application Workflow Coversheet							✓
Application for a Building Consent Form							✓
Application for a Building Consent Checksheet							✓
Proof of ownership							
Costing Schedule							✓
Building plans and specifications							✓
Processing Checklist							✓
Scope of Inspection Sheet and Inspection Checksheets							✓
3-11	12, 40,	41					✓
Building consent and memorandum							
Inspection reports							
Application for CCC							
Site Plan							
PIM							
Certificate of Design Work							
Copy of electrical certificate							
Copy of gas certificate							
An "as-built" drainage plan							
Plumbing (Form 125) for pressure test and installation piped services							
Drainage (Form 126) for stormwater installation							
Drainage (Form 127) for private sewer installation							
A Construction Review (PS4) statement for structural engineering							
A Construction Review (PS4) statement for fire engineering							
A Construction Review (PS4) statement for geo-technical engineering							
Roof cladding warranty							
Solar water heating technical specifications							
Wall cladding/texture coating installation applicator warranty							
A copy of the lift certificate							
A certificate from the fire alarm installer							
A certificate from the sprinkler certifier							
A copy of wet-area membrane installers warranty							
A copy of deck membrane manufacturer's installers warranty/guarantee							
FPIS (verifier) Fire Systems Certification							

Specified Systems – Make - Model - Location	
A copy of windows	
A copy of water tank warranty	
A copy of septic tank warranty	
Record of work	
Owner Builder Statutory Declaration	
Extension of Completion Time for Building Consent letter	
Lapsed Building Consent letter	
Compliance Schedule	
Compliance Schedule Statement	
Building Consent Amendment Documentation Filed	
Peer review documents	
Fire design documents	
Requests for further information and other correspondence	
Amendments	
Supplementary information	
Notices to Fix	
Code of Compliance Certificate	
Refuse to Issue Code Compliance Certificate letter	

This form comprises part of the Building Consent documentation and indicates the contents of the Building Consent File.

CODE COMPLIANCE CERTIFICATE REVIEW CHECKSHEET

Criteria: All building work except for minor works or major projects.
Refer QAS: B14, B15, B16



Address of Project: 200 B mainly St. Paopapaumy	
Date:	BC No: 160014

	N/A	Yes	No
Application for Code Compliance Certificate (Form 278) completed?		<input type="checkbox"/>	<input type="checkbox"/>
Confirm all required inspections and been completed and passed		<input type="checkbox"/>	<input type="checkbox"/>
If inspections have been missed, what supporting information and method of verification has been provided to compensate for missed inspections?			

For consents issued after change to inspection fees on 1 July 2015			
Inspections estimated at time consent issued (number)			
Inspections undertaken (number)			
Number of extra inspections to be invoiced and paid before CCC issued			
<input type="checkbox"/> Invoice actioned Date:			
	N/A	Yes	No
Work in accordance with approved consent and approved amendments		<input type="checkbox"/>	<input type="checkbox"/>
If no, has NTF been issued?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have items of non-compliance been resolved and NTF uplifted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: If work is not in accordance with consent, (and approved amendments) or NTF matters have not been resolved, suspend application for Code Compliance Certificate.

Supporting documentation required in Building Consent addenda. Form completed during BC Approval process

<i>Tick indicates yes, N/A indicates considered – but not applicable</i>	Req'd	Supplied	Accept
Copy of electrical certificate			
Copy of gas certificate			
An "as-built" drainage plan			
Plumbing (Form 125) for pressure test and installation piped services			
Drainage (Form 126) for stormwater installation			
Drainage (Form 127) for private sewer installation			
A Construction Review (PS4) statement for structural engineering			
A Construction Review (PS4) statement for fire engineering			
A Construction Review (PS4) statement for geo-technical engineering			
Roof cladding warranty			
Solar water heating technical specifications			
Wall cladding/texture coating installation applicator warranty			
A copy of the lift certificate			
A certificate from the fire alarm installer			
A certificate from the sprinkler certifier			
A copy of wet-area membrane installers warranty	✓		
A copy of deck membrane manufacturer's installers warranty/guarantee			
FPIS (verifier) Fire Systems Certification			
Specified Systems – Make - Model - Location			
A copy of windows			
A copy of water tank warranty			
A copy of septic tank warranty			
Record of work			
Owner Builder Statutory Declaration			
Building Consent Amendment Documentation Filed			

If specified supporting documentation has not been provided, what alternative information or verification method has been provided to compensate? (Describe)

Compliance Schedule	Yes	No
Is a new or amended compliance schedule required?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If "Yes" Has it been issued? (Refer note below)	<input type="checkbox"/>	<input type="checkbox"/>
If the new/revised compliance schedule has not been issued, what action has been taken to ensure it will be issued? (Outline)		

Note: If the draft/ revised compliance schedule has not been issued, the Code Compliance Certificate cannot be issued. Suspend issuing CCC until this matter is addressed.

Building Consent Requirements	Yes	No
Are there any items specified in the Building Consent or PIM that have not been completed? (If yes, outline below)	<input type="checkbox"/>	<input type="checkbox"/>
Are there any development impact fees to be paid outstanding? (if Yes, CCC cannot be issued)	<input type="checkbox"/>	<input type="checkbox"/>
Are there any other outstanding fees? (if Yes, CCC cannot be issued)	<input type="checkbox"/>	<input type="checkbox"/>

Decision
Issue Code Compliance Certificate? <input type="checkbox"/> or Refuse Code Compliance Certificate? <input type="checkbox"/>
Give reasons for decision:
<input type="checkbox"/> On review of the inspection notes and supporting documentation it can be considered on reasonable grounds that all work has been completed in compliance with the Building Consent.
OR
<input type="checkbox"/> Other

Building officer:	Co- reviewer:	
Signature:	Signature:	
Date:	Date:	
Name:	Name:	
Copies	Yes	No
File: Compliance Schedule, Compliance Schedule Statement, and CCC placed on file.	<input type="checkbox"/>	<input type="checkbox"/>
Applicant: Copies of Compliance Schedule, Compliance Schedule Statement sent out with the CCC	<input type="checkbox"/>	<input type="checkbox"/>
Inspection Pack: Add copies of Compliance Schedule, Compliance Schedule Statement and CCC	<input type="checkbox"/>	<input type="checkbox"/>

This page is intentionally left blank

VEHICLE CROSSING INSPECTION FORM

Building Consent: _____

Date: _____

To: Building Inspectors

Owner: _____

Address: _____

Can you please inspect the above Vehicle Crossing, footpath and berm and return the completed form to me signed.

Thank you

Inspected by:	_____
Date Inspected:	_____
Approved:	<input type="checkbox"/> YES <input type="checkbox"/> NO

COMMENTS:

This page is intentionally left blank

BUILDING CONSENT PROCESSING CHECKLIST

insulation & installation of

Proposal: <i>Bearing to h/ walls</i>	BC: <i>160014</i>
Address: <i>200B mainly of Blairecumy</i>	Category: <i>1</i>
	Residential: <input checked="" type="checkbox"/> Commercial: <input type="checkbox"/>

Key	
N/A <input type="checkbox"/>	Not Applicable to this application. (The deletion of whole sections as N/A is permitted. For alternatives comment below each section.)
No <input type="checkbox"/>	Plans, specifications & documentation not complying with the Building Code &/or Bld Act (The reason specified alongside each prompt)
Yes <input type="checkbox"/>	Plans, specifications & documentation complying with Category Bld Code &/or Bld Act (The reason specified alongside each prompt)
Note	The further information requests are identified by hand written numbers and corresponding on FIR letters / e-mails sent

Site Plan (NZS 3604 Sec 3.4, 4, 5 Code clB1, B2, E1, E2, F1 & F2 Sect. 72, 75 BA04)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wind zone High VI High Specific (GIS) - Site specific (3604)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flooding / ponding hazards (GIS)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slippage / fault line hazards (GIS)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Erosion, river & coastal hazards (GIS)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subsidence / soft soil hazards (Site inspection notes)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Corrosion zone Zone D or Zone C
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil contamination (F1 GIS)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distances to boundaries / siting (District plan)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Floor levels / contours (E2/AS1 & NZS 3604 E1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Two or More Allotments (Sec 75 - 83 Bld Act)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Noise / sound insulation (airport & highway)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CT/221 notice reviewed
Additional comments:			

Design Work			
N/A	No	Yes	Comments
Specific Design (Verified Online PS2, B1, B2, VM1)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PS1 Design Certificate (B1 B2 VM1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PS2 Peer Review (B1 B2 VM1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Calculations (VM1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CPEng (Verified Online)
Other Design			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certificates of Design work
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Declaration of owner-builder
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LBP / Architect registration number
Additional comments:			

Concrete / Foundation Plan (NZS 3604, NZS 4210 & 4229 E2/AS1)

N/A No Yes Comments

Layout

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Layout dimensions (NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control joints (NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slab thickening (NZS 3604, cl 7.5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)

Section

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Depth & width (NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reinforcement (NZS 3604;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plate fixings (NZS 3604;B2 cl 7.5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DPM (NZS 3604;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Engineer design and Calcs (B1;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concrete strength (B1;B2 cl 4.8.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Foundation wall tanking (B2, E2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)

Additional comments:

Timber / Subfloor (NZS 3604, NZS 3602 & 3640, B1, B2)

N/A No Yes Comments

Layout

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Layout dimensions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bearers details (B1;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Joist details (B1;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)

Section

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Foundation type/size (NZS 3604;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Piles post sizes & treatment (NZS 3604;3602;3640;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pile c/c (NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fixing (NZS 3604;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Coatings(durability) (NZS3604 ;B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ventilation & Access to sub floor spaces (NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)

* If the addition is an upper storey show details on upgrading existing foundations, joints, piles, etc (may require Engineer design)

Additional comments:

See Gogot

Floor plans / layout (B1, B2, C1-4, D1, E3, F7, G1, G2, G12, G3, G9, G11, G13)

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Room dimensions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sectional lines
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of partitions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All designated spaces
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lintels (NZS 3604:B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Beams (NZS 3604, B2 by engineer)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Point loads by engineer or pre-nailer (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (F7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wet areas / WCs (D1, Table 2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kitchen (G3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
* Changes to existing work requires both an existing floor plan and proposed floor plans. * Facility provided for washing utensils / food G3, Section 1.1 & Figure 1: * Preparation Area and Access to Facility Paragraphs 1.1.2 and 1.5			
Additional comments:			

Wall Framing (B1, B2, B3)

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify engineering / Structural items / portals (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	By pre-nailer or to NZS 3604 (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fixing types (NZS 3604 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stud c/c as per wind zone (NZS 3604 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wall Cladding section
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stud heights of rooms (NZS 3604 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Roof (NZS 3604, 3602 & 3640 B1, B2, E2, E2/AS1)

N/A	No	Yes	Comments
Trussed / by pre-nailer or Framed roof (NZS 3604)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fixing layout & details (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Correct layout (B1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Max span (12m or Engineer) (B1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purlin or batten c/c (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rafters / Beams (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ceiling joists, ceiling battens
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Roof cladding – Metal; Profiled Metal; Masonry, Membranes (Code E2, E2/AS1 B2)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pitch / profile / grade (E2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Underlay (E2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flashings (E3;E2, B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parapets (B1 E2 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Membrane Roofs and substrate (Code E2/AS1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gutters, Barges & Fascias detail (Refer E2, section 8.3, cl 8.3.9)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Installation of profiled metal roof cladding shall be by trained installers, approved by the tile manufacturer or NZ agent. In some cases experienced builders undertake installation, refer E2, section 8.4, cl 8.4.2 'General'			
Additional comments:			

Gogot

Claddings (Code B1 & B2 E2/AS1, Branz good practice Guides & Weather tightness Vol 1&2&3)

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Risk matrix Cavity or direct (E2/AS1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Building wrap (E2/AS1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Brick Veneer (E2/AS1; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Timber Weatherboard (E2 Branz Timber Guide Vol 1&2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stucco (B1 NZS 3604 Branz good practice guide; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Profiled Metal (E2 Metal Roofing Practice; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plywood (E2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fibre Cement W/b (E2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Board & Batten (Branz good practice guide; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fibre Cement Sheet (E2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Weathertightness details (E2; B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Bracing (NZS 3604 B1, B2, E3)

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Subfloor bracing (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wall bracing (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roof bracing (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bracing calculations (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Provide bracing plan layout (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Double top plate (if > 5m) (B1 & NZS 3604 / Required where ceiling lining density is less than 600kg per m3 e.g. pinex)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indicate dragon tie (if > 6m) (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Diaphragm ceilings (if > 7.5m) (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check for distribution (B1 & NZS 3604)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Light & Ventilation B1 G4, Clause 1.2, G4, clause 1.3 G7, G9, F2

N/A	No	Yes	Comments
General			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vent 5% (G4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Light 10% (G7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electrical (G9)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mechanical ventilation (G4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exterior space for awareness (G7)
Joinery & Glazing			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety glass (F2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wind zone (B1, NZS 3604 NZS4223)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Visual manifestation (NZS 4223)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Joinery (NZS) 4211
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Goget

Insulation (BRANZ Home Insulation Guide, NZS 4218, AS/NZS 2918)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Floor (H1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wall (H1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roof (H1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Windows / glazing (H1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Stairs / Landings / Handrails (D1, sec 4)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stair tread & risers (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Landing size (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Handrail (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Riser opening (min) where children (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Head Height (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Balustrading/guarding
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Stair type: Minor Private: Max rise 220mm/Min tread 220mm, Secondary Private: Max rise 200mm/Min tread 250mm, Main Private: Max rise 190mm/Min tread 280mm. (Main private includes exterior stairs)			
Additional comments:			

Decks / Balconies / Barriers (D1, F4 & NZS 3604, Section 6 & 7)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barrier & deck fixing durability (D1 B1 B2 F4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Top rails, balusters, bottom rails, palings (D1 B1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If Engineer then calculations required (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Max 3m height or Engineer (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Deck joist sizes, grade, treatment, span & spacing (D1 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Piles & bearers the correct grade, treatment, size, spacing & span (D1 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Slip resistance (D1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate waterproofing membrane (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stringer size & connections (D1 B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Thresholds (D1 E2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Veranda posts (uplift, size, treatment, connections) (B1 B2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Beams (spans, size, treatment) (3604 B1 B2)
Additional comments:			

Fire (Residential) (NZBC F7, Cdoc)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Travel distances max 25m (CAS1 T3.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Smoke detectors (F7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wood burners (F7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Garage fire wall details (C7 (C7.10 C7.8)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional comments:			

Gobat

Swimming Pool & Fencing *Fencing of Swimming Pools Act 1987*

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Refer to Compliance for sign off
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specific Engineering Design
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proprietary system/design
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section/construction
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pool backwash discharging the sewer
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fence height
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gate(s) / door(s) open outward
Additional comments:			

Ambiguity / Contradictions

N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Manufacturers Specs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Engineer compared with Designer/Arch
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Any Other contradictions
Additional comments:			

Alternative Solutions

Record assessment, decision and reasons for decisions below. Has the designer substantiated why they believe the proposal complies with the Building Code? Is there a determination on a similar proposal? Has corroborative evidence been provided (peer review, appraisal or determination)? Include reference to comparison with acceptable solutions, other documents / standards / best practice guides / publications, expert opinion, determinations, in-service history, product certification, professional judgment, Building Code objectives. Refer BRANZ Bulletin # 456 (Dec 2004). List any conditions / communications / actions:

Gogel

This Sheet relevant to plumbing & drainage only

N/A No Yes Comments

General

- Kitchen area (G3/AS1)
- Laundry
- Bathrooms
- Location of sanitary fixtures
- Plumbing layout

Plumber's Reg No:

Drainlayer's Reg No:

Additional Comments:

Effluent Disposal Systems

- Engineering Site Investigation
- Design Specification & Producer Statement

The design criteria should include: Capacity based on bedroom numbers, Loading calculation, site evaluation, soil profile, site characteristics.

Additional Comments:

Water Supplies

- G12
- Town supply
- Private scheme
- Type & location
- Alternative (specify reason)

Additional Comments:

Sanitary Drainage

- G13
- Layout
- Council availability or
- Septic tank design & calcs
- Alternative (specify reason)

Additional Comments:

Stormwater Drainage

- E1
- Layout
- Council availability
- Alternative (specify reason)

go get

Additional Comments:

Sanitary Plumbing

- G13
- Layout
- Alternative (specify reason)

Additional Comments:

Accessibility (D1, G5, F8, NZS 4121)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Car parks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Projections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kerb ramps
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Footpaths / Ramps / Landings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Entrances
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Public Facilities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lifts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stair / ramp / handrails
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Doorways / Doors / Corridors / Lobbies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Controls
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Places of assembly / entertainment / recreation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Warning Systems
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Toilet Facilities / Laundering
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Food preparation / accommodation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residential Accessibility (D1)
Additional Comments:			

Commercial Fire report (CVM1, C/As1, C/AS2, C/AS3, C/AS4, C/AS5, C/AS6, C/AS7, F6, F7, F8)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Risk Group
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire cell separation / use of building
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Life rating FRR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Property rating FRR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Occupancy numbers
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Means of escape
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Travel distances
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	External walls / unprotected areas / Cladding properties
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire resistance to supporting elements / floors / walls
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Risks to/below escape routes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fire safety systems
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Internal surface linings
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hazardous agents / materials / substances on site
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Referral to NZFS Fire Engineering unit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional Comments:			

Solid Waste (G15)			
N/A	No	Yes	Comments
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Waste bin area
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental health referral
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alternative (specify reason)
Additional Comments:			

Change of Use – Sec 114: (Record decisions and basis for decisions – confirm whether sec 115 applies)		
Date:		
Alteration to Existing Building - Sec 112 (Record decisions and basis for decisions – confirm whether sec 118 applies and if so, has it been complied with?). List conditions / communications / actions:		
Date:		
Hazards – Sec 71-74: (Record decisions and basis for decisions – see under "site plan above already done")		
Date:		
Compliance Schedule – Sec 100 - 107: (Record if new / amended compliance schedule required, and attach copy of replica compliance schedule. Ensure that note is recorded on building consent that new / amended compliance schedule will be issued).		
Date:		

Note :- Refer to the associate code clause along side each prompt above for compliance or reason of decision

Plan checked yet Unsatisfactory

Refer to the official request for further information correspondence (letter, email or phone call) for final list of required information. For acceptance of returned information refer to addendum to form 436.

Signature, name & date

Bldg:

Plumbing:

Fire:

I am satisfied on reasonable grounds that the provisions of the Building Code are met and the

Building consent may be granted (refer Bld Act Sec 49(1))

No Further Information Requests have been made.

Signature, name & date

Bldg:
(for all pages except those listed below)

Plumbing: Portion only (relevant NZBC clauses E1,G10,G11,G12,G13)
(For pages 7 of 11 unless otherwise listed)

Fire:
(As listed on page 8 of 11)

**Addenda to Form 436
Allocation of work to approvals officer outside current competency**

Building Category	Circle Appropriate Category	0	R1	C1	R2	C2	R3	C3	4

1) Authorised by Team Leader of delegate	Level of supervision required	Reason for decision
Name, Signature & date:	Coaching Mentoring Peer review on completion	In training Vetting one level above competency Other
2) Approval Officer undertaking training	Record of Learning	Decision
Name, Signature & date: Current competency level Category 0, R1, C1, R2, C2, R3, C3		I am satisfied on reasonable grounds that the provisions of the Building Code are met and the building consent may be granted (Refer Bld Act 49(1))
3) Coach / Mentor / Peer reviewer	Training needs identified	Comments
Name, Signature & date: Current competency level Category R1, C1, R2, C2, R3, C3, 4		I am satisfied on reasonable grounds that the provisions of the Building Code are met and the building consent may be granted (Refer Bld Act 49(1))

Allocation Notes
<ul style="list-style-type: none"> • Categories of building are determined on receipt of application. • All applications are reassessed for the category and allocated to each appropriate Officer at the earliest opportunity and then placed in processing shelves accordingly. • Approvals staff are aware of their own competency level and check the allocation of work. • Approvals staff may select, for training purpose, a consent 1 (one) category higher than their current competency for the purpose of increasing their skill level provided they gain approval from the Team Leader Building Consent Approvals. Once approval is given the Team Leader Building Consent Approvals will arrange for the appropriate supervision and final peer review.

CHECKSHEET : SPECIFIED SYSTEMS



Kapiti Coast District Council,
175 Rimu Road, Paraparaumu 5032
Private Bag 60601, Paraparaumu 5254
For enquiries, phone 04 296 4700

THE BUILDING

Building name:

Building street address:

SPECIFIED SYSTEMS

System		Applicable		Test Regime		Installed	
		No	Yes	New	Existing	Yes	No
SS1	Automatic systems for fire suppression (e.g. sprinkler systems)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Interfaced?		<input type="checkbox"/>	<input type="checkbox"/>				
Notes:							
SS2	Automatic or manual emergency warning systems for fire or other dangers (other than a warning system for fire that is entirely within a household unit and serves only that unit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Interfaced?		<input type="checkbox"/>	<input type="checkbox"/>				
Notes:							
SS3	Electromagnetic or automatic doors or windows (e.g. ones that close on fire alarm activation)						
SS3.1	Automatic doors/windows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS3.2	Access controlled doors egress	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Interfaced?		<input type="checkbox"/>	<input type="checkbox"/>				
Notes:							
SS3.3	Interfaced fire or smoke doors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							

System		Applicable		Test Regime		Installed	
		No	Yes	New	Existing	Yes	No
SS4	Emergency lighting systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS5	Escape route pressurisation systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS6	Riser mains for use by Fire Service use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS7	Automatic back-flow preventers connected to a potable water supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS8	Lifts, escalators, travelators, or other systems for moving people or goods within buildings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS9	Mechanical ventilation or air conditioning systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Interfaced?	<input type="checkbox"/>	<input type="checkbox"/>					
Notes:							
SS10	Building maintenance units for providing access to the exterior and interior walls of buildings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS11	Laboratory fume cupboards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS12	Audio loops or other assistive listening systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS13	Smoke control systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Interfaced?	<input type="checkbox"/>	<input type="checkbox"/>					
Notes:							

System		Applicable		Test Regime		Installed	
		No	Yes	New	Existing	Yes	No
SS14	Emergency power systems for, or signs relating to, a system or feature specified in any clauses 1-13						
SS14.1	Emergency power systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS14.2	Signs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct type/location/legible						<input type="checkbox"/>	<input type="checkbox"/>
Notes:							
SS15	Any or all of the following systems and features, so long as they form part of a buildings means of escape from fire, and so long as those means also contain any or all of the systems or features specified in clauses 1 to 6, 9 and 13						
S15.1	Systems for communicating spoken information intended to facilitate evacuation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS15.2	Final exits (as defined by clause A2 of the Building Code); and	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct location:						<input type="checkbox"/>	<input type="checkbox"/>
Complying hardware:						<input type="checkbox"/>	<input type="checkbox"/>
Locked/Barred/Blocked:						<input type="checkbox"/>	<input type="checkbox"/>
Notes:							
SS15.3	Fire separations (as so defined); and	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Penetrations sealed/collared:						<input type="checkbox"/>	<input type="checkbox"/>
Notes:							
SS15.4	Signs for communicating information intended to facilitate evacuation; and	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Notes:							
SS15.5	Smoke separations (as so defined)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type:							
Penetrations/Smoke Seals satisfactory:						<input type="checkbox"/>	<input type="checkbox"/>
Notes:							

PROJECT

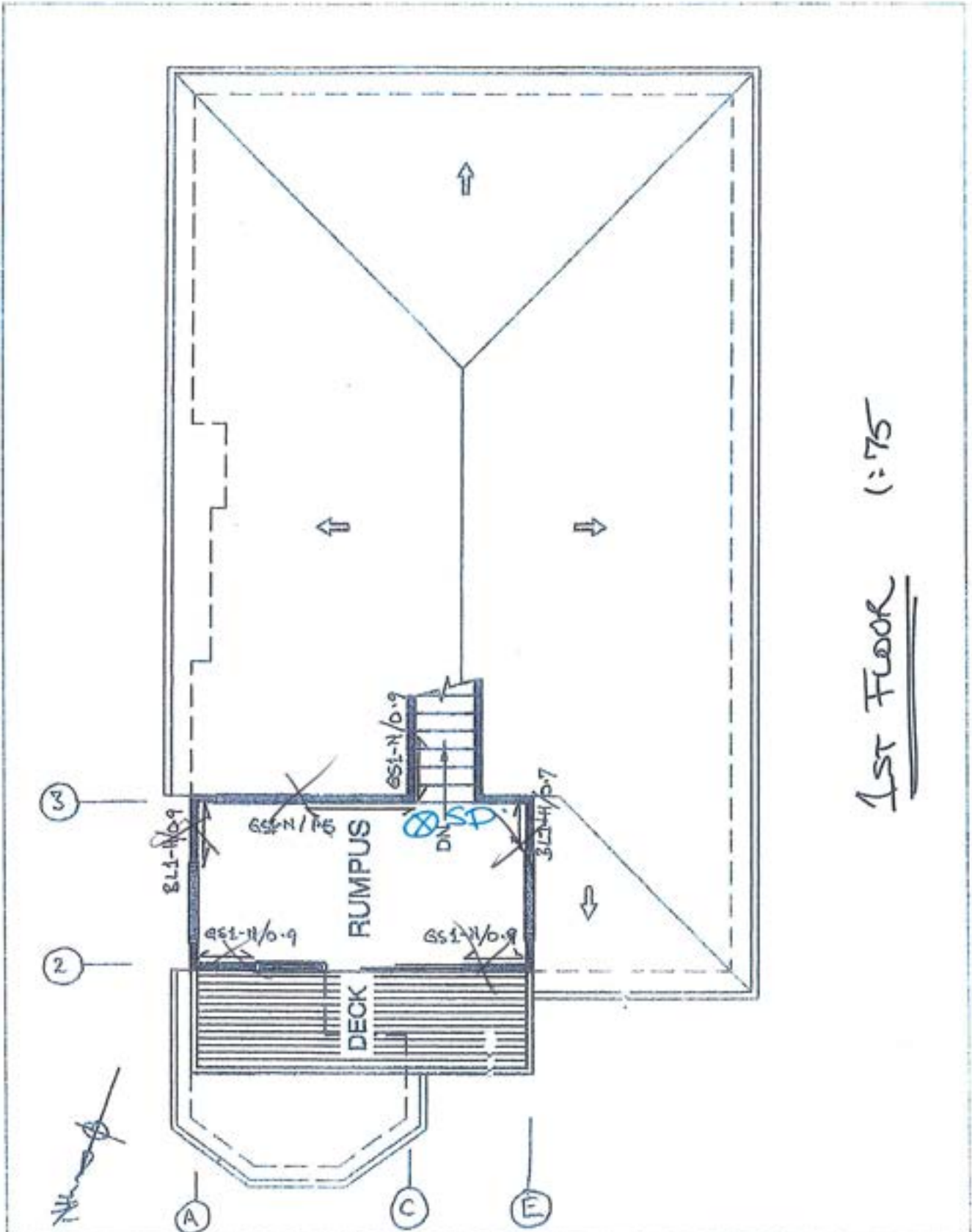
200B MANLY STREET,
PARAPARAMU BCH.
WALL BRACING.

DATE
4/12/15

PROJECT NO.
8997

BY
[Signature]

PAGE NO.
SK 2



1st Floor 1:75

PROJECT

2008 MAINLY STREET,
PARAPARAUMU BCH.
WALL BRACING.



SAWREY

CONSULTING ENGINEERS LTD

DATE

11/12/15

PROJECT NO.

8997

BY

PAGE NO.

SX13



NORTH-EAST ELEVATION

1:100



SOUTH EAST ELEVATION

1:100

PROJECT

207B MONLY ST, BRANDENBURG ECTD
WALL BRACING

DATE 7/12/15	PROJECT NO. 8997	BY <i>[Signature]</i>	PAGE NO. 1
-----------------	---------------------	--------------------------	---------------

1940's? Timber framed house with small 2nd story area has been relocated to a rear section @ Kesperman Lake.

House is clad in several brick columns, has timber floors and will be retained in situ with G/S slab.

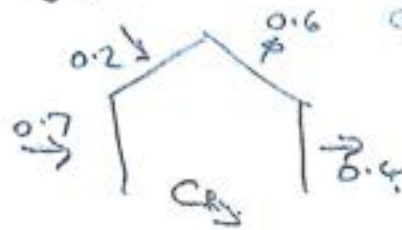
Subfloor bracing/piling design understood to be by Bruce Cunningham however no drawings available for this and work looking incomplete, i.e. poorly detailed and/or pile/bearing station fits + absence of post/bearing connections + no reference on cut 15 pile bases.

Lateral Loading

W.L: $V_{sils} = V_R M_d (M_x \text{ or } M_y M_E)$
 $= 51 \times 1 \times 0.83 \times 0.85 \times 1$
 $= 36.0 \text{ m/s}$

$P = (0.5 \rho_{air}) [V_{des,0}]^2 C_{fs} C_{fs}$
 $= (0.5 \times 1.2) \frac{[36.0^2]}{10^2} C_{fs}$
 $= 0.78 C_{fs}$

for single storage portion.



A) NE-SW (Transverse)

(i) Upper Floor: $V_u = (3.5 \times 1.3) (0.7 + 0.4) 0.78$
 $= 5.4 \text{ kN}$

(ii) Lower Floor

$V_L = (5.8 \times 1.2 \times 1.1 \times 0.78) + (3.2 \times 3.5 \times 1 \times 0.78) + (7.5 \times 1.7 \times 0.2 \times 0.78)$
 $= 33.8 \text{ kN}$



PLAN 1:200



SECTION 1:200

PROJECT

2003 MARKET ST.



SAWREY

CONSULTING ENGINEERS LTD.

DATE

9/12/15

PROJECT NO.

3997

BY

PAGE NO.

2

3) NW-SL (Longitudinal).

i) Upper Floor.

$$V_{UF} = (5.1 \times 1.2 \times 1.1 \times 0.78) + (5.7 - 0.9 \times 0.8 \times 0.78)$$

$$= 8.45 \text{ wt.}$$

ii) Lower Floor.

$$V'_L = 8.45 + (5.1 \times 0.6 \times 1.1 \times 0.78) + (8.1 \times 1.2 \times 1.1 \times 0.78)$$

$$+ (8.8 - 0.9 \times 0.8 \times 0.78)$$

$$= 21.4 \text{ wt.}$$

E/R:

$$C(T) = C_u(T) \cdot 2 R N(T, D)$$

$$= 3.0 \times 0.4 \times 1 \times 1$$

$$= 1.20$$

$$k_u = \frac{(\mu - 1) T_1}{0.17} + 1$$

$$= \frac{2 \times 0.4}{0.17} + 1$$

$$= 2.14$$

$$C_d(T) = \frac{C_u(T)}{k_u} S_p$$

$$= \frac{1.2 \times 0.17}{2.14}$$

$$= 0.39$$

i) Upper Floor.

roof
walls

$$5.8 \times 3.3 \times 0.5 = 9.57$$

$$17 \times 1.2 \times 0.3 = 6.12$$

$$= 9.57$$

$$= 6.12$$

$$15.7$$

$$V'_L = 0.39 \times 15.7$$

$$= 6.12 \text{ wt.}$$

PROJECT

2003 MUMBAI ST



SAWREY

CONSULTING ENGINEERS LTD.

DATE

9/12/15

PROJECT NO.

8997

BY

DP

PAGE NO.

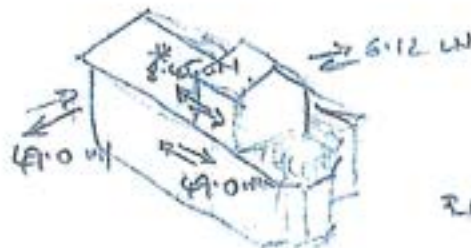
3

(ii) lower floor.

$$\begin{aligned} \text{roof. } (3.6 \times 11.8 \times 0.5) + (3.6 \times 1.3 \times 0.5) &= 52.1 \\ \text{deck. } (5 \times 1.5) (0.5 + 0.2 \times 2.0) &= 8.25 \\ \text{upper walls} &= 6.12 \\ \text{lower walls. } 85 \times 1.2 \times 0.3 &= 30.6 \\ \text{upper floor. } (5 \times 1.5) (0.5 + (0.2 \times 1.5)) &= 11.9 \\ &= \frac{11.9}{109.9} \text{ wt} \end{aligned}$$

$$\begin{aligned} V'_L &= 0.39(109.9) + 6.12 \\ &= 49.0 \text{ wt.} \end{aligned}$$

Summary:



2.6 governs except.*

Wall Bracing

(i) Upper Floor.

A) NE-SW.

line ②	2 × 0.9m GS1-H	$2 \times 0.9 \times 55 \times 0.05 = 4.95$
line ③	1.5m GS1-H	$1.5 \times 60 \times 0.05 = 4.50$
		$\phi N = \frac{9.45}{2} \text{ wt}$

B) NW-SE

line ④	0.9m BU-H	$0.9 \times 90 \times 0.05 = 4.05$
line ⑤	0.9m GS1-H	$0.9 \times 50 \times 0.05 = 2.25$
line ⑥	0.7m BU-H	$0.7 \times 90 \times 0.05 = 3.15$
		$\frac{9.45}{2} \text{ wt}$

(ii) lower Floor

A) NE-SW.

line ①	GS2-H/1.0	$1.0 \times 53 \times 0.05 = 2.7$
line ②	BU-H/1.5	$1.5 \times 105 \times 0.05 = 7.9$
	GS2-H/0.8	$0.8 \times 65 \times 0.05 = 2.6$
line ③	GS1-H/1.8	$1.8 \times 85 \times 0.05 = 7.7$
line ④	GS2-H/1.2	$1.2 \times 85 \times 0.05 = 5.1$
line ⑤	GS1-H/1.2	$1.2 \times 60 \times 0.05 = 3.6$
line ⑥	GS2-H/2.4	$2.4 \times 85 \times 0.05 = 10.2$
line ⑦	GS2-H/1.6	$1.6 \times 85 \times 0.05 = 6.8$
line ⑧	GS2-H/2.4	$2.4 \times 85 \times 0.05 = 10.2$
line ⑩	2 × GS1-H/1.8	$2 \times 1.8 \times 60 \times 0.05 = 10.8$

61.5 wt. etc.

PROJECT

200B MARY ST.



SAWREY

CONSULTING ENGINEERS LTD

DATE

11/12/15

PROJECT NO.

8997

BY

JP

PAGE NO.

4.

B) NW-SR

line (A)	GS1-N/2.1	$2.1 \times 60 \times 0.05$	= 6.3
	GS1-N/1.2	$1.2 \times 60 \times 0.05$	= 3.6
	GS1-N/1.2	$1.2 \times 60 \times 0.05$	= 3.6
line (B)	GS1-N/0.8	$0.8 \times 55 \times 0.05$	= 2.2
line (C)	GS1-N/1.6	$1.6 \times 60 \times 0.05$	= 4.8
	GS2-N/2.4	$2.4 \times 85 \times 0.05$	= 10.2
line (D)	GS2-N/1.0	$1.0 \times 65 \times 0.05$	= 3.2
	GS2-N/1.0	$1.0 \times 65 \times 0.05$	= 3.2
line (E)	GS2-N/0.7	$0.7 \times 65 \times 0.05$	= 2.3
line (F)	GS1-N/1.4	$1.4 \times 60 \times 0.05$	= 4.2
	GS1-N/1.4	$1.4 \times 60 \times 0.05$	= 4.2
	GS1-N/1.6	$1.6 \times 60 \times 0.05$	= 4.8
			<u>52.6</u>

OK



amnico
management trust



3 February 2016

Kapiti Coast District Council
Private Bag 60 601
Paraparaumu 5254

Attention: Scott Kyle

Dear Scott

200B Manly Street, Paraparaumu Beach – Building Consent 160014

As requested, a plan and product information relating to the tile shower installation at 200B Manly Street is enclosed:

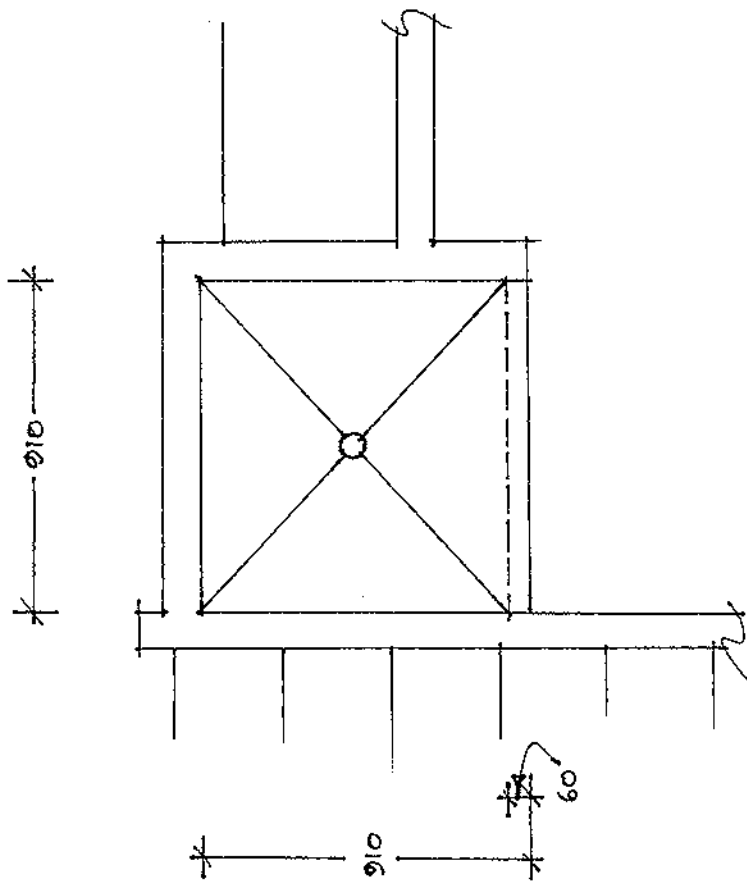
- 1) Plan
- 2) Membrane literature & BRANZ Appraisal
- 3) Tray literature

We hope there is now sufficient information to enable issue of the building consent.

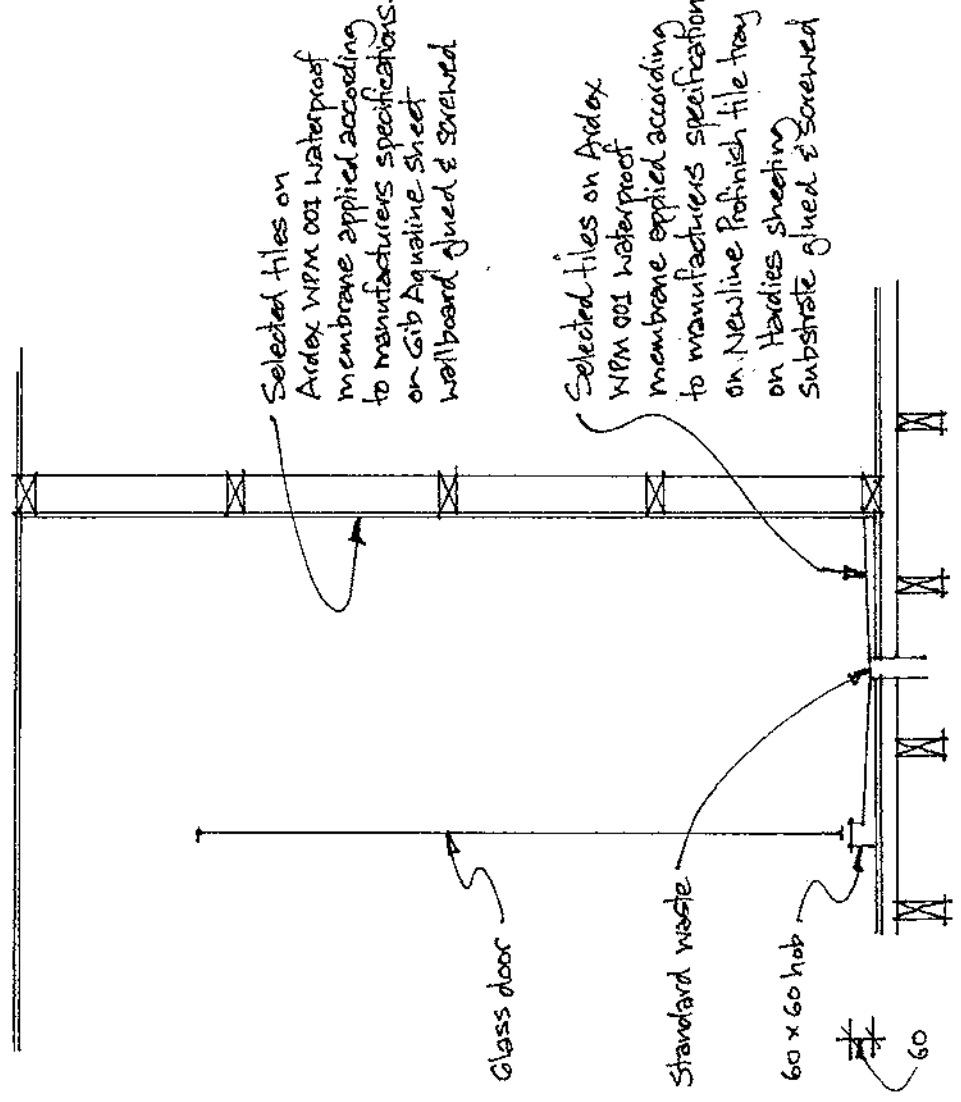
Yours faithfully,

Gavin Thorley
Property & Projects Manager

200B MANLY STREET - SHOWER PLAN



PLAN
Scale 1:20



Selected tiles on Ardex WPM 001 waterproof membrane applied according to manufacturers specifications on Gib Aqualine sheet wallboard glued & screwed

Selected tiles on Ardex WPM 001 waterproof membrane applied according to manufacturers specifications on Newline Polish tile tray on Hardies sheeting substrate glued & screwed

Glass door

Standard waste

60 x 60 hob

SECTION
Scale 1:20

NEWLINE

Quality New Zealand showers for over 30 years

PROFINISH™

TILE TRAY SYSTEM





ARDEX WPM 001

Superflex Bathroom & Balcony Premixed - 1 Part

Single Component Undertile Waterproofing Membrane

BRANZ Appraised

Low VOC content – meets Green Building Council of
Australia Green Star IEQ-13 requirements

Fast drying one part acrylic membrane

DISCLAIMER The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

ARDEX WPM 001

Superflex Bathroom & Balcony Premixed - 1 Part Undertile Waterproofing Membrane



PRODUCT DESCRIPTION

Ardex WPM 001 (Superflex Bathroom & Balcony Premixed 1 Part) is a tough, ready to use waterproofing membrane specifically designed for use under tiles. Ardex WPM 001 has been uniquely formulated with synthetic microfibres to increase its strength and eliminate the need for a separate reinforcement mat. Ardex WPM 001 is based on the most advanced acrylic polymer technology, and is totally resistant to re-emulsification once cured.

Ardex WPM 001 is flexible, safe to use, low in odour, and is fully compatible with polymer modified tile adhesives. Ardex WPM 001 is one of the fastest drying one part acrylic membranes on the market – normally ready to tile in 48 hours @ 23°C.

Ardex WPM 001 meets the Green Building Council of Australia Green Star IEQ-13 requirements for Architectural Sealant when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

FEATURES/BENEFITS

- Fast drying Ardex WPM 001 can be tiled over in 48 hours in non critical areas*
- Liquid reinforced: Excellent strength, eliminates need for reinforcing mat
- Flexible: Accommodates normal building movement class 3 membrane as per AS/NZ 4858: 2004 Wet Area Membranes
- Advanced acrylic: Will not re-emulsify once cured
- Designed for tiling - Fully compatible with Ardex tile adhesive systems
- Water based, safe to use, low odour & easy cleaning
- CSIRO Appraisal #91 for undertile waterproofing in shower recesses
- Conforms to the requirements of AS/NZ 4858: 2004 Wet Area Membranes. (Ref: CSIRO Report 3779)

*Critical areas include areas where the membrane is applied at greater than 0.5mm or over impermeable substances such as over bond breakers or incorporating other reinforcement. Longer drying times are necessary in these areas.

APPLICATION RANGE

Performance Levels

Commercial and residential

Location

Internal wet areas, balconies, decks, and other areas that will be tiled or otherwise protected from regular foot traffic.

Surfaces

Walls & floors

Substrates

Concrete

Cured for min. 28 days or sealed when set with one coat of Ardex WPM 300 (HydrEpoxy 300) at a coverage rate of 3.0 square metres per litre and allowed to cure overnight. External wet concrete should be allowed to dry thoroughly or sealed with one coat of Ardex WPM 300 as above.

Renders and screeds

Cured for min. 7 days or sealed when set with one coat of Ardex WPM 300 at a coverage rate of 3.0 square metres per litre and allowed to cure overnight. Wet render should be allowed to dry thoroughly or sealed with one coat of Ardex WPM 300 as above.

Fibre cement

Suitable for wet area grade fibre cement.

Plasterboard

Wet area grade only.

Plywood

Structural plywood (PAA branded), marine grade or other wet area grade only.

Particleboard

Wet area grade, internal use only (special preparation is required – contact Ardex).

Permanent

In conditions of permanent immersion,

immersion

it is recommended that Ardex WPM 002 (Superflex Two Part) is used. Must be covered with tiles for full immersion.

Contact Ardex for use over existing membranes, covering materials, and any other substrates not listed.

SPECIFICATION CLAUSE

ARDEX WPM 001 (Superflex Premixed)

The waterproofing membrane shall be Ardex WPM 001: a one part acrylic modified fibre reinforced membrane formulated to provide a tough, long lasting water barrier under tiling systems.

PACKAGING

Single component: 20kg (approx 15 litres) or 6.5kg (approx 5 litres).

Memorandum from licensed building practitioner:

Record of building work

Section 88, Building Act 2004



THE BUILDING

Street address: 200 B Manly St.

Suburb:

Town/City: Paparua

Postcode: 5032

THE PROJECT

Building consent number: 160014

THE OWNER(S)

Name(s): T. Atkinson

Mailing address:

Suburb:

PO Box/Private Bag:

Town/City:

Postcode:

Phone number:

Email address:

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

PRIMARY STRUCTURE

Work that is restricted building work	Description of restricted building work	Carried out or supervised
Tick <input checked="" type="checkbox"/>	If necessary, describe the restricted building work	Tick <input checked="" type="checkbox"/> whether you carried out the work or supervised someone else.
Foundations and subfloor framing <input type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
Walls <input type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised

from licensed building practitioner:
Building work

Section 88, Building Act 2004



THE BUILDING

Street address: 200 B Manly St

Suburb:

Town/City: Paraparaumu Postcode: 5032

THE PROJECT

Building consent number: 160014

THE OWNER(S)

Name(s): T. Atkinson

Mailing address:

Suburb: PO Box/Private Bag:

Town/City: Postcode:


Phone number: Email address:

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

PRIMARY STRUCTURE




Work that is restricted building work	Description of restricted building work	Carried out or supervised
Tick <input checked="" type="checkbox"/>	If necessary, describe the restricted building work	Tick <input checked="" type="checkbox"/> whether you carried out the work or supervised someone else.
Foundations and subfloor framing <input type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
Walls <input type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised

PRIMARY STRUCTURE CONT'D


Roof <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Columns and beams <input type="radio"/>	1 x lintel in lounge to engineer specs.	<input checked="" type="radio"/> Carried out <input type="radio"/> Supervised
Bracing <input type="radio"/>	As per schedule	<input type="radio"/> Carried out <input checked="" type="radio"/> Supervised
Other <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Roof cladding or roof cladding system <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Ventilation system (for example, subfloor or cavity) <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

PRIMARY STRUCTURE CONT'D

Roof <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Columns and beams <input type="radio"/>	1 x lintel in lounge to engineer specs.	<input checked="" type="radio"/> Carried out <input type="radio"/> Supervised
Bracing <input type="radio"/>	As per schedule	<input type="radio"/> Carried out <input checked="" type="radio"/> Supervised
Other <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

RECORD OF WORK THAT IS RESTRICTED BUILDING WORK

EXTERNAL MOISTURE MANAGEMENT SYSTEMS

Damp proofing <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Roof cladding or roof cladding system <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised
Ventilation system (for example, subfloor or cavity) <input type="radio"/>		<input type="radio"/> Carried out <input type="radio"/> Supervised

EXTERNAL MOISTURE MANAGEMENT SYSTEMS CONT'D

Wall cladding or wall cladding system <input type="radio"/>	<hr/> <hr/> <hr/> <hr/>	<input type="radio"/> Carried out <input type="radio"/> Supervised
Waterproofing <input type="radio"/>	<hr/> <hr/> <hr/> <hr/>	<input type="radio"/> Carried out <input type="radio"/> Supervised
Other <input type="radio"/>	Crib out incl wet areas. Jan/Feb 2016	<input type="radio"/> Carried out <input type="radio"/> Supervised

ISSUED BY

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.

Name: <u>A. Brebner</u>	LBP number: <u>BP 101413</u>
Class(es) licensed in: <u>Carpentry</u>	
Plumbers, Gasfitters and Drainlayers registration number (if applicable): <u>—</u>	
Mailing address (if different from below):	
Street address/Registered office: <u>2 A Cold Rd.</u>	
Suburb: <u>Paraparaumu</u>	Town/City:
PO Box/Private Bag:	Postcode: <u>5032</u>
Phone number:	Mobile: <u>027 2421110</u>
After hours:	Fax:
Email address: <u>brebner.construction@gmail.com</u>	Website:

DECLARATION

I A.P. Brebner carried out or supervised the restricted building work recorded on this form.

Signature:  Date: 4.7.16

EXTERNAL MOISTURE MANAGEMENT SYSTEMS CONT'D

Wall cladding or wall cladding system <input type="radio"/>	_____ _____ _____ _____	<input type="radio"/> Carried out <input type="radio"/> Supervised
Waterproofing <input type="radio"/>	_____ _____ _____ _____	<input type="radio"/> Carried out <input type="radio"/> Supervised
Other <input type="radio"/>	Curb out incl wet areas. Jan / Feb 2016 _____ _____ _____	<input type="radio"/> Carried out <input type="radio"/> Supervised

ISSUED BY

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise restricted building work.

Name: A. Brebner	LBP number: BP 101413
Class(es) licensed in: Carpentry	
Plumbers, Gasfitters and Drainlayers registration number (if applicable): —	
Mailing address (if different from below):	
Street address/Registered office: 2 A Golf Rd.	
Suburb: Parsippany	Town/City:
PO Box/Private Bag:	Postcode: 5032
Phone number:	Mobile: 027 2421110
After hours:	Fax:
Email address: brebner.construction@gmail.com	Website:

DECLARATION

I A.P. Brebner carried out or supervised the restricted building work recorded on this form.

Signature: [Signature] Date: 4.7.16

PRODUCER STATEMENT STORMWATER DRAINS



Construction Review

Send or deliver this form to: Kapiti Coast District Council,
175 Rimu Road, Paraparaumu 5032
Private Bag 60601, Paraparaumu 5254
For enquiries, phone 04 296 4700 (Toll Free: 0800 486 486)

TO BE COMPLETED BY THE INSTALLER

Issued by: *Craig Thomson* c/o *Peter Jackson* *H499*

Registration number: *22088*

In respect of: Stormwater Drains installed in accordance with E1 AS1 as shown on the approved plans or as per the attached amended plan

Installed at:
200B Manley street.

Building Consent No:

As a certified drainlayer, currently holding an annual practicing license, certify that I, or personnel under my control, have carried out the installation of the above system and I believe on reasonable grounds that the installation complies with the New Zealand Building Code.

Name: *Craig Thomson* Signature: *Craig Thomson*

Address: *81 Katwell ave* Date: *18/8/16*

Phone: *0273056995* Fax:

Mobil: Email: *Craig@ccplumbinggas.co.nz*

Note: Fully dimensioned as built drain plan to be supplied. (scale 1:100)

Kāpiti Coast District Council Office Use Only

Producer Statement author authenticated and current registration verified. Verification and Registration checked through public register on www.pgdb.co.nz.

Date:
Name:
Signature:

PRODUCER STATEMENT PRIVATE SEWER DRAINS



Construction Review

Send or deliver this form to: Kapiti Coast District Council,
175 Rimu Road, Paraparaumu 5032
Private Bag 60601, Paraparaumu 5254
For enquiries, phone 04 296 4700 (Toll Free: 0800 486 486)

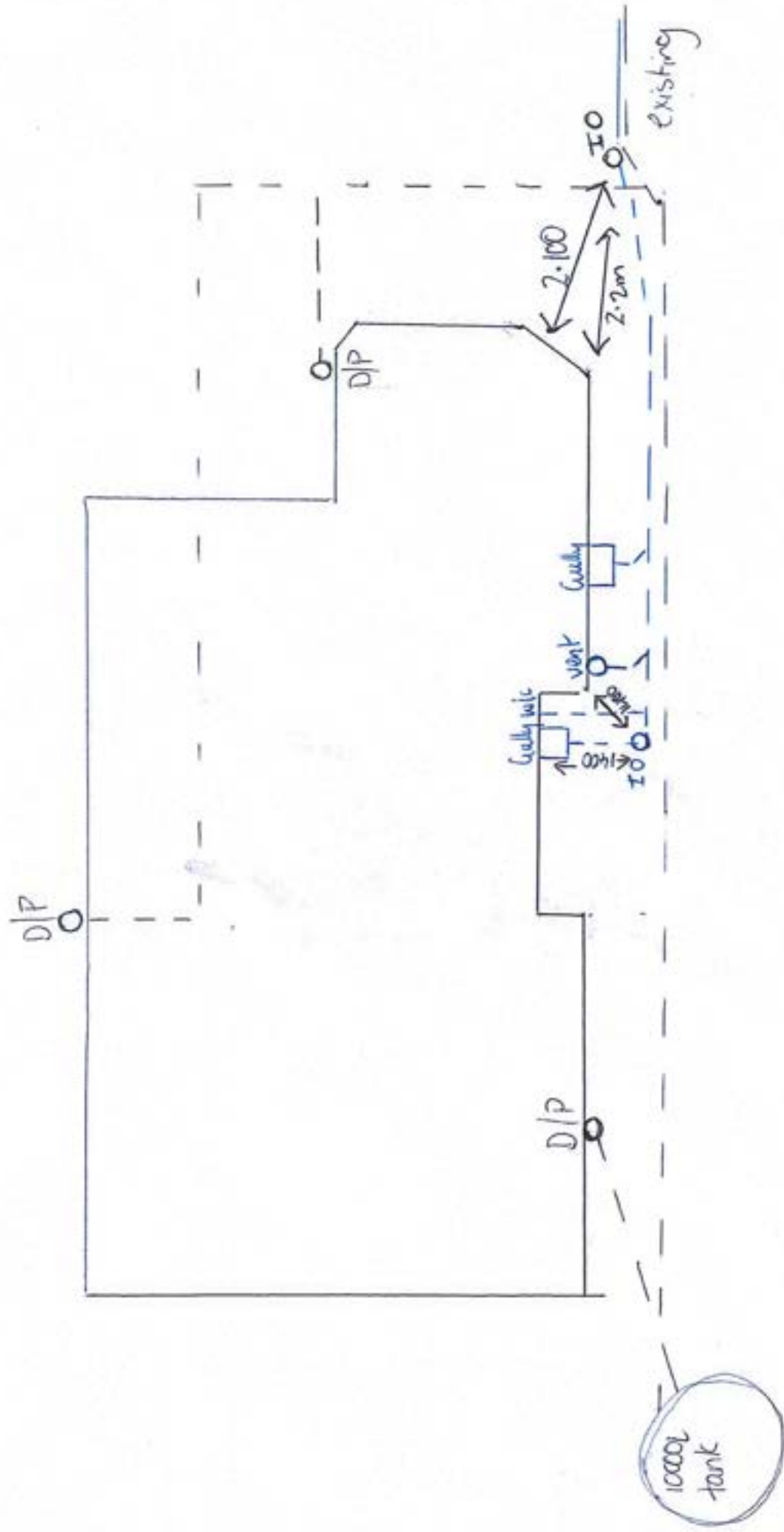
TO BE COMPLETED BY THE INSTALLER	
Issued by:	Craig Thomson c/o Peter Jackson 11400
Registration number:	22088
In respect of: Private Sewer Drains installed in accordance with G13 AS2 or AS/NZS 3500 .2.2 as shown on the approved plans or as per the attached amended plan	
Installed at: 200B Manleys	
Building Consent No:	
As a certified drainlayer, currently holding an annual practicing license, certify that I, or personnel under my control, have carried out the installation of the above system and I believe on reasonable grounds that the installation complies with the New Zealand Building Code.	
Name	Signature
Craig Thomson	[Signature]
Address	Date
81 Katwell ave	17/8/16
Phone	Fax
049054688	
Mobile	Email
0273056995	Craig@ccplumbing.co.nz

Note: Fully dimensioned as built drain plan to be supplied. (scale 1:100)
Drains may be laid and backfilled without inspection provided that the drain is left under test with a min of 1.0 m head and the inspection at the lateral left exposed.

Kapiti Coast District Council Office Use Only	
Producer Statement author authorised and current registration verified. Verification and Registration checked through public register on www.pdcb.co.nz	
Date	<input type="text"/>
Name	<input type="text"/>
Signature:	<input type="text"/>

Drainage 200B Manley st

Craig Thomson
V22088.



PRODUCER STATEMENT PIPED SERVICES AND PLUMBING STACKS



Construction Review

Send or deliver this form to: Kapiti Coast District Council,
175 Rimu Road, Paraparaumu 5032
Private Bag 60601, Paraparaumu 5254
For enquiries, phone 04 296 4700 (Toll Free: 0800 486 486)

TO BE COMPLETED BY THE INSTALLER	
Issued by:	Craig Thomson
Registration number:	22088
In respect of Piped Services installed in accordance with G12/AS1 as shown on the approved plans or as per the attached amended plan and Sanitary Plumbing Stacks installed in accordance with G13/AS1 or AS/NZS 3500.2.2	
Installed at:	200B Manley st
Building Consent No:	
As a certified plumber, currently holding an annual practicing license, certify that I, or personnel under my control, have carried out the installation of the above system and I believe on reasonable grounds that the installation complies with the New Zealand Building Code. Both hot and cold systems have been pressure tested for a period of 15 minutes at a pressure of 1500 kPa.	
Name	Craig Thomson
Signature	<i>Craig Thomson</i>
Address	81 Teatwell ave
Date	17/8/16
Phone	049054688
Fax	
Mobile	0273056995
Email	Craig@gmail.com

Kāpiti Coast District Council Office Use Only

Producer Statement author authenticated and current registration verified. Verifier and Registration checked through public register on www.pdcb.co.nz.

Date	1
Name	
Signature:	<i>[Signature]</i>

Signature:



Combined Certificate of Compliance and Electrical Safety Certificate

Unique ID: 200B

Note: If you are using this form to provide only an Electrical Safety Certificate, then only complete sections 1, 3 and 5

1. Customer Information

Customer Name: Judith Atkinson

Customer Phone / Email: _____

Location of Installation: 200 B Manly Street Paraparaumu

2. Certifier Information

Certifier Name: Richie Thorne Registration / Practising Licence Number: E241526

Organisation: Thorne Electrical Telephone Number: 02 78136106

Email: thorne.electrical@clear.net.nz

Name and Registration Number of person(s) involved in work and supervised by certifier: N/A

3. Details of work to which certificate applies

The work is: an entire installation a specific part of an installation

The work is: High Risk General Low Risk (Certificate of Compliance not required)

Indicate the number of each item installed or altered:

Number of lighting outlets: 33
Number of socket outlets: 24
Number of ranges: 1
Number of water heaters: 1

General Description of Work

See Invoice's
Pic-wired & fitted off
House as to quote +
some extra's

Tick (✓) if work includes:

- Mains
 MEN switchboard closest to point of supply
 Main Earthing System
 Electric Lines

Period within / Date on which the work was done: 22/3/2016

The work is safe to be connected to: 230/400V MEN System Other (specify) _____

4. Certificate of Compliance

I am satisfied that the work to which this Certificate of Compliance applies has been done lawfully and safely and the information in this certificate is correct. The work:

- complies with Part 1 of AS/NZ 3000 complies with Part 2 of AS/NZ 3000
 complies with the following standard(s): _____
 has been installed in accordance with a certified design (attach or reference*)
 has an earthing system that is correctly rated
 contains fittings which are safe to connect to a power supply
 relies on supplier's Declaration of Conformity (attach or reference*)
 relies on manufacturer's instructions (attach or reference*)
 has been satisfactorily tested in accordance with Electricity (Safety) Regulations 2010
 is safe to connect

Earth loop = 31.2 PFC

Test Results:		
	Electrical Worker	Inspector
Polarity (independent earth):	<input checked="" type="checkbox"/>	
Insulation resistance:	<u>0.2</u>	
Earth continuity:	<input checked="" type="checkbox"/>	
Bonding:	<u>N/A</u>	
Other (specify):	<u>238A</u>	

Electronic reference: S.Doc at www.stewarts.co.nz under links

Certifier's Signature: R Thorne Date: 22/3/16

* If it is impractical to attach a copy of any relevant certified design, manufacturer's instruction or supplier declaration of conformity, provide a reference to where the documents can be found, in a readily accessible format, through electronic means.

5. Electrical Safety Certificate

Date on which the connection was done: 22/3/16 *Validity authenticated*

I am satisfied that the work to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use

Name: Richie Thorne Registration / Practising Licence Number: E241526

Signature of Connector: R Thorne Date: 22/3/2016

Signature: _____

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

(Guidance notes on the use of this form are printed on the reverse side*)

ISSUED BY:.....SAWREY CONSULTING ENGINEERS LTD.....

(Construction Review Firm)

TO:Tim and Jo Atkinson.....

(Owner/Developer)

TO BE SUPPLIED TO:.....Kapiti Coast District Council.....

(Building Consent Authority)

IN RESPECT OF:Wall bracing to relocated house.....

(Description of Building Work)

AT:

(Address)

..... LOT.....2..... DP ..83579..... SO

Sawrey Consulting Engineers Ltd..... has been engaged byTim and Jo Atkinson..... to provide .Inspections of new lintel and bracing services. (Foundations and subfloor are **excluded** from this PS4.) in respect of clause(s) ...B1 VM1..... of the Building Regulations for the building work described by the drawings and specifications prepared by ...Sawrey Consulting Engineers Ltd... Titled ...200B Manly St, Paraparaumu Beach- Wall Bracing.... and numbered ...8997 Sk1-Sk3..... Authorised instructions / variation(s) No. were issued 25/2/16 8997 Sk4 & Sk5 (copies attached) or by the attached Schedule have been issued during the course of the works.

We have sighted Building Consent(s) No(s). 160014..... and their attached conditions.

On the basis of this these review(s) and information supplied by the contractor during the course of the works, I believe on reasonable grounds that All Part only as specified in the attached particulars of the building work under the above Building Consent with respect to Clause(s)B1/VM1... of the Building Regulations has been completed to the extent required by the Building Consent identified above.

I,Christopher Ross Pine.....am registered as: CPEng ...72085.....#

(Name of Design Professional)

I am a Member of : IPENZ NZIA and hold the following qualifications: ...BE MIPENZ CPEng Int PE...

The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$500,000*. The Design Firm is a member of ACENZ YES NO

SIGNED BY.....Christopher R Pine..... ON BEHALF OF.....Sawrey Consulting Engineers Ltd...

(Name of Firm)

Date.....29 April 2016..... (signature).....

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The maximum amount of damages payable, whether in contract, tort or otherwise, is limited to the sum \$500,000*. This form to accompany Forms 6 or 8 of the Building (Form) Regulations 2004 for the issue of a Code Compliance Certificate.

PRODUCER STATEMENT PS4 2 May 2007 THIS FORM AND ITS CONDITIONS ARE COPYRIGHT TO ACENZ, IPENZ AND NZIA



FORM OF PRODUCER STATEMENT PS3 – CONSTRUCTION

(At project completion, this form shall be completed by the builder and supplied to the Engineer.)

ISSUED BY: Brebner Construction
(Contractor)

TO: Sawrey Consulting
(Principal)

IN RESPECT OF: New lintel and bracing
(Description of Contract Works)

AT: 200 B Manuka St
(Address)

T/A: KCDC BUILDING CONSENT No: 160014
(Territorial Authority)

Brebner Construction has contracted to Sawrey Consulting
(Contractor) (Principal)

to carry out and complete certain building works in accordance with a contract, titled
..... ("the contract")
(Project)

I A.P. Brebner a duly authorised representative of Brebner Construction
(Duly Authorised Agent) (Contractor)

believe on reasonable grounds that Myself has carried out
and completed (Contractor)

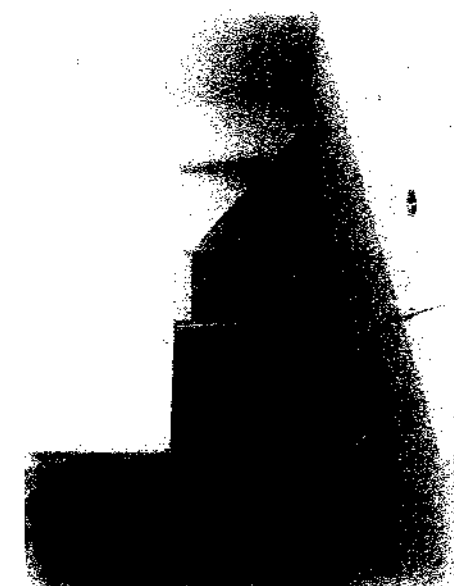
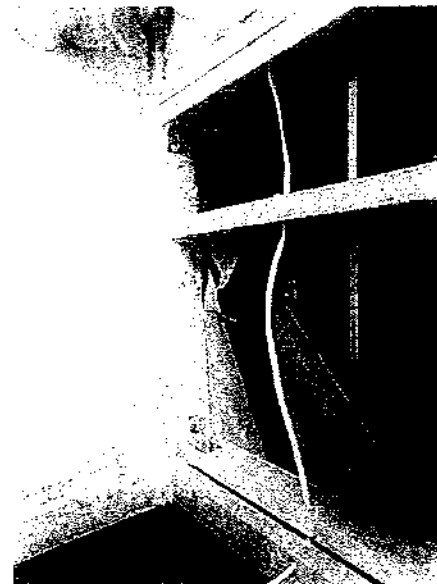
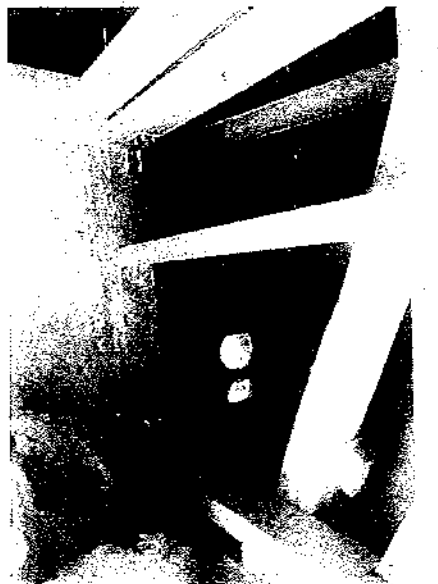
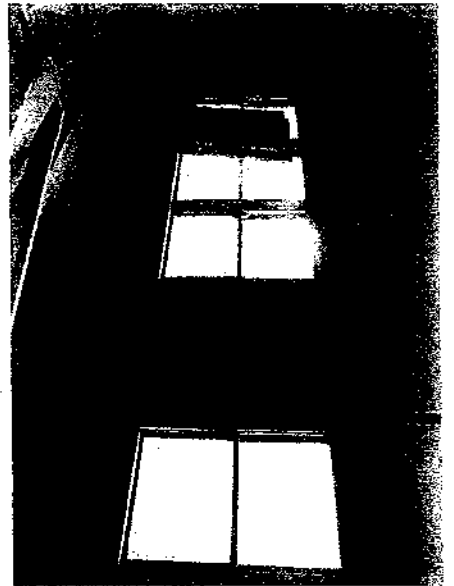
All Part only as specified in the attached particulars of the building works in accordance with the contract.

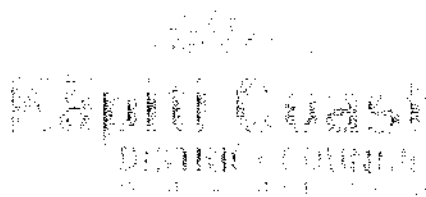
Date 26.4.16

.....
(Signature of Authorised Agent on behalf of)

[Signature]
(Contractor)

2A Golf Rd.
Panorama Beach 5032.
(Address)





Kapiti Coast District Council
 175 Rimu Road
 Private Bag 60601
 Paraparaumu 5254
 Phone (04) 296 4700

SITE NOTICE

Consent No: 160014
 Applicant: Gavin Thorley
 Site Address: 200B Manly Street, Paraparaumu Beach
 Work Type: Insulation & installation of bracing.
 Building Category: R2

Inspection Type: Preline Building
 Inspection Outcome: Fail
 Inspected By: Craig Watson
 Inspection Date: 18 February 2016

Passed Items

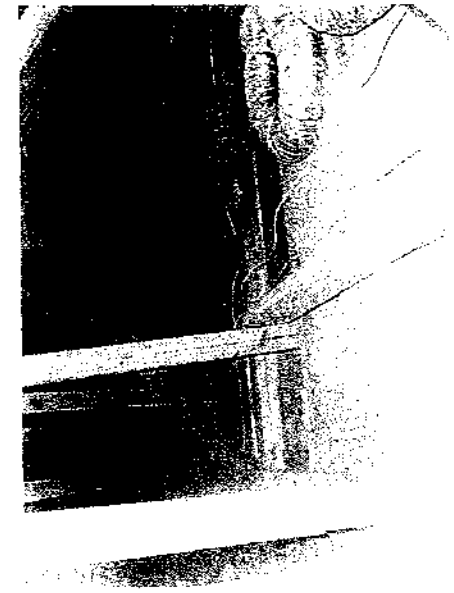
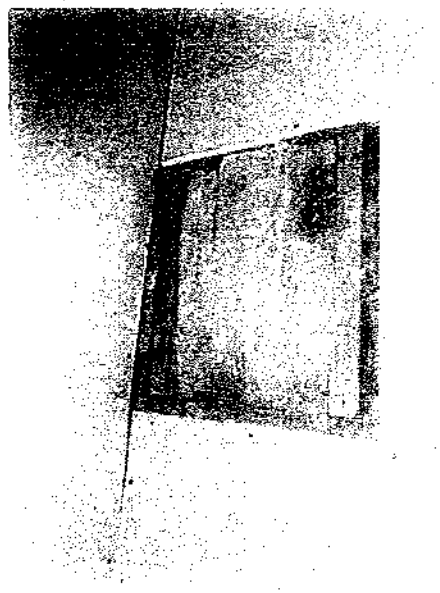
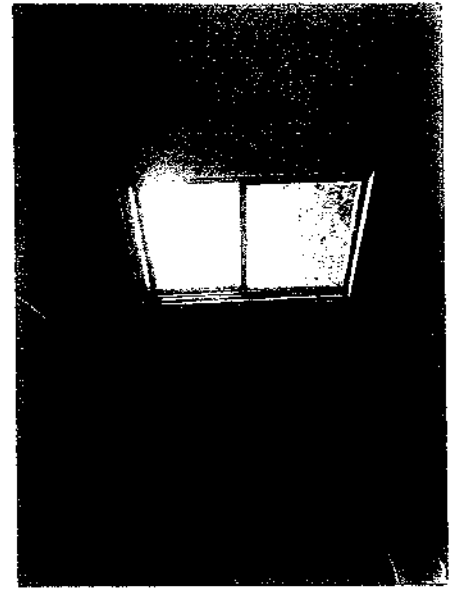
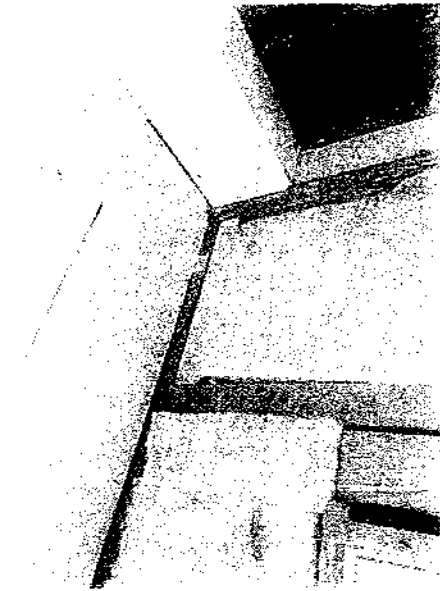
<p>General</p> <p>Conforms with approved drawings</p> <p>Max moisture content</p> <p>Insulation</p> <p>Bracing connections</p> <p>Bottom plate fixings</p>	<p>Builder has been advised that an engineer needs to inspect and give detail and approval of where house has been joined back together after transportation.</p> <p>This inspection ONLY covers the lower level, metal angles to be fitted to shower corners</p> <p>16%</p> <p>New R2.2 wall insulation and existing insulfluff in ceiling.</p> <p>BL and GS bracing as per plan and have been checked by engineer says builder (engineer Chris Pine)</p> <p>BL bkts and 3 x nails into joists as required</p>
--	---

Failed Items

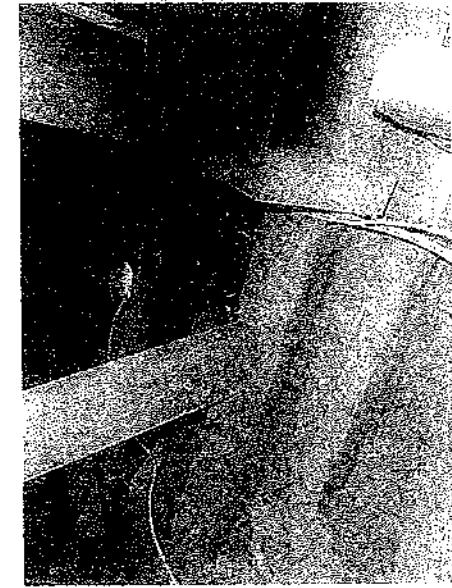
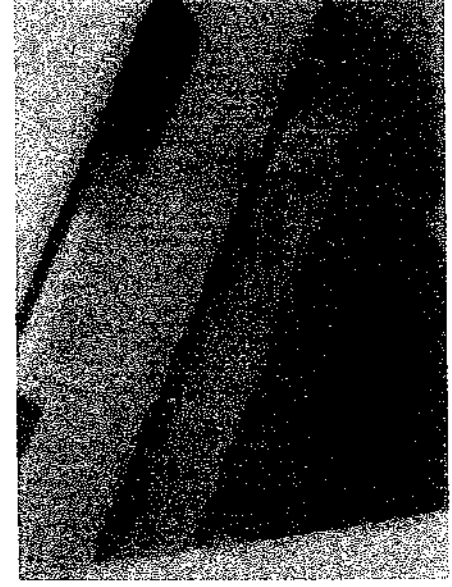
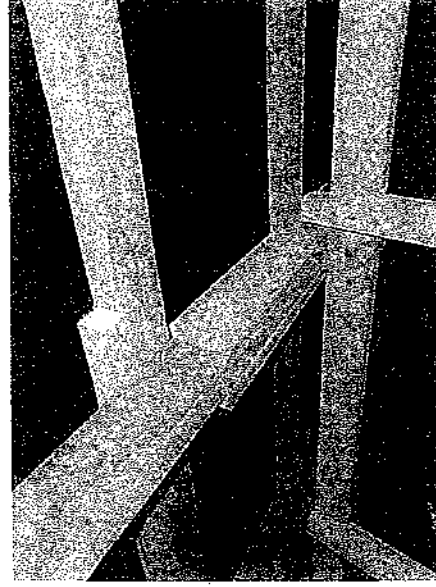
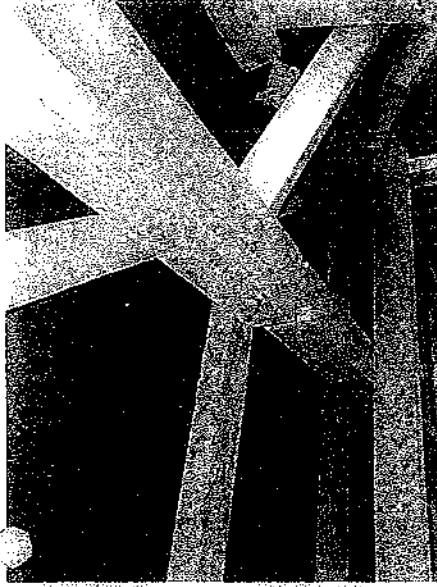
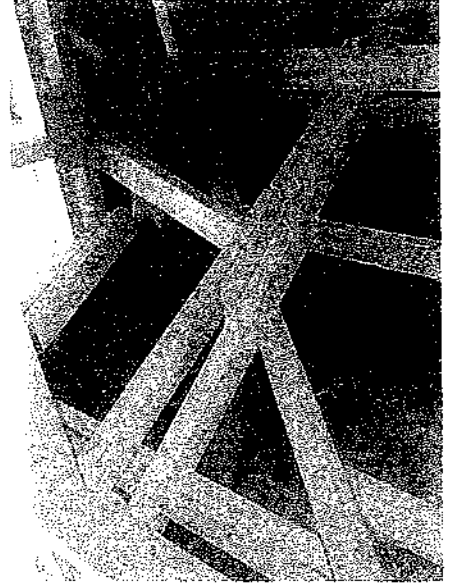
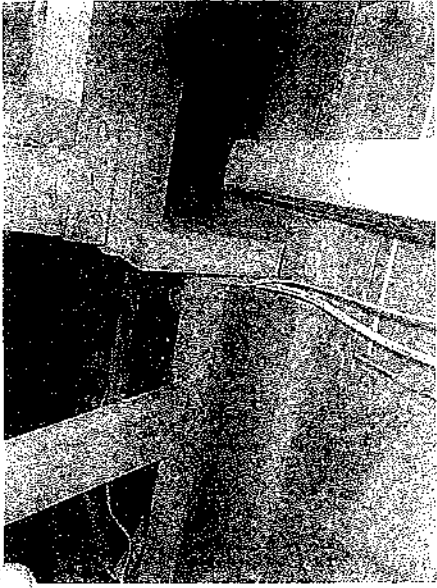
<p>General</p> <p>Top plate connection</p>	<p>Builder has been advised that an engineer needs to inspect and give detail and approval of where house has been joined back together after transportation.</p> <p>This inspection ONLY covers the lower level, metal angles to be fitted to shower corners</p> <p>Where house has been joined back together in roof space after transporting we require a detail from an engineer.</p>
--	---

Support Documentation	Status
Application for CCC	Required
Electrical safety certificate	Required
Construction review PS4 statement for structural engineering	Required
Membrane applicator certificates - internal wet area	Required
Record of Work	Required

Licensed Building Practitioners	Status
--	---------------



8997
24/2/16





PROJECT

2022 MATHS 23

DATE

23/2/16

PROJECT NO.

8997

BY

OW

PAGE NO.

5

Storage needed @ site: 4.3m, 4.3m, 2.3m



W_{max} = (1.2 + 0.5) * (0.8 + 0.5) * 2.3 = 2.24 t/k

M* = 2.24 * 4.3^2 / 8 = 5.16 t.m

for 200x45: P_{max} = 0.3 * 1.8 * 1.2 * 0.5 * 2.3 = 3.07 t

for 200x45: P_{max} = 0.8 * 1.8 * 1.2 * 0.5 * 2.3 = 5.05 t

for 200x45: P_{max} = 1.2 * 1.8 * 1.2 * 0.5 * 2.3 = 7.10 t

W_{max} = 1.2 * 4.3^2 / 8 = 2.72 t.m

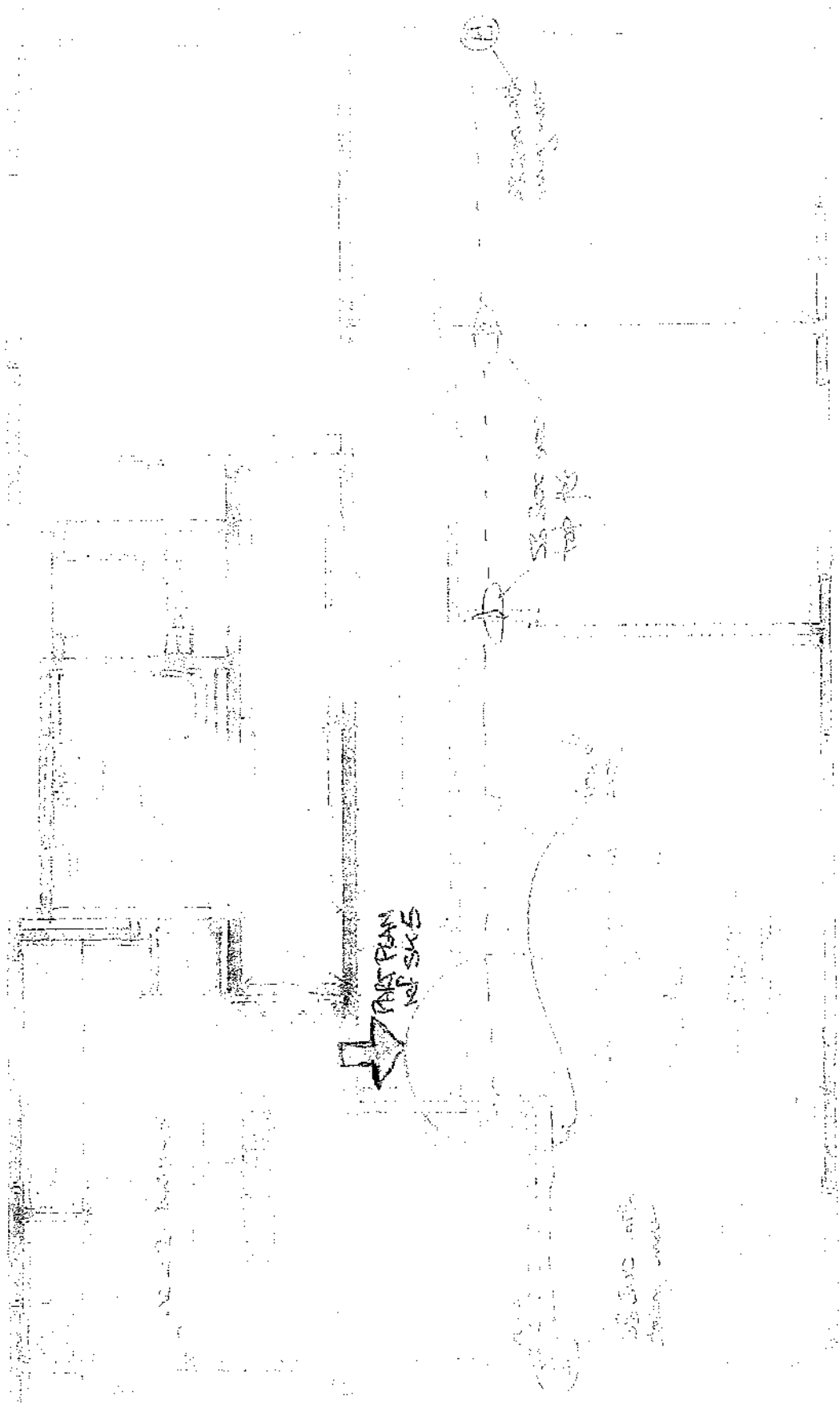
for 200x45: P_{max} = 1.2 * 1.8 * 1.2 * 0.5 * 2.3 = 7.10 t

for 200x45: P_{max} = 1.2 * 1.8 * 1.2 * 0.5 * 2.3 = 7.10 t



CECILIA ENGINEERING

DATE: 12/17/2019 BY: [Signature] CHECKED: [Signature]



(A)

REMOVE WALL
AND
REPLACE WITH
GLASS WALL

REMOVE WALL
AND
REPLACE WITH
GLASS WALL

THIS PLAN
REF. SACS

23 SACS WITH
REINFORCING

GROUND FLOOR CEILING / ROOF STRUCTURING

P: MO

PROJECT



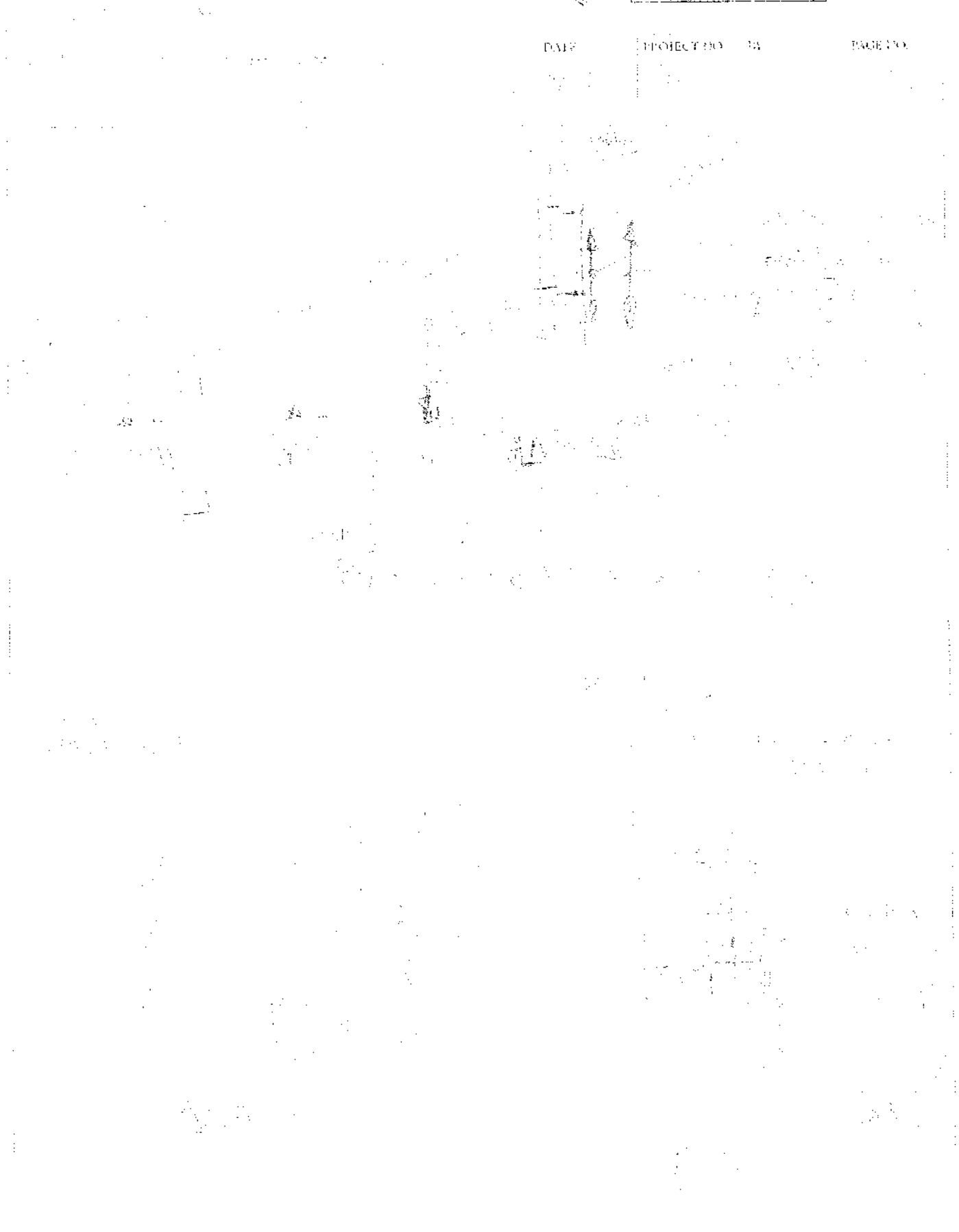
SAWREY
CONSULTING ENGINEERING SERVICES

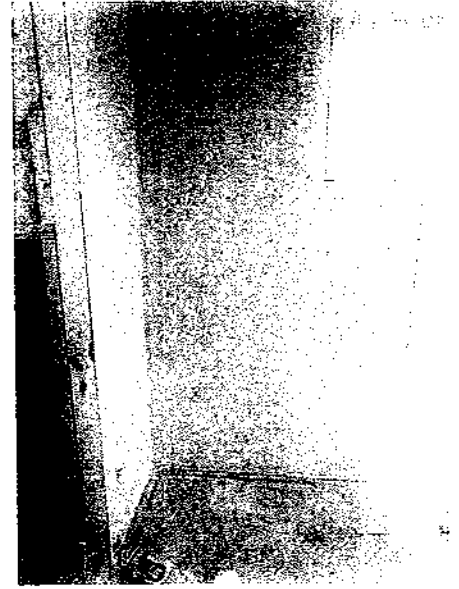
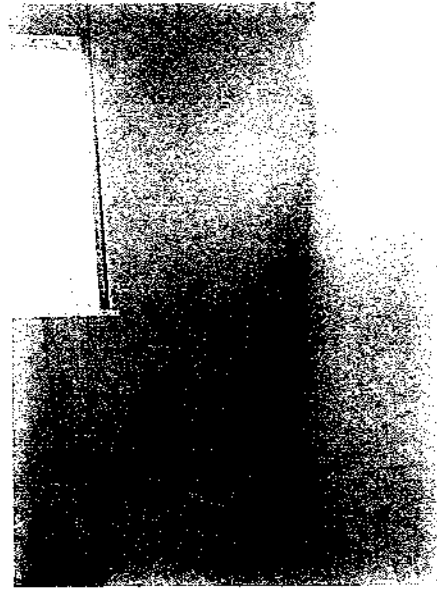
DATE

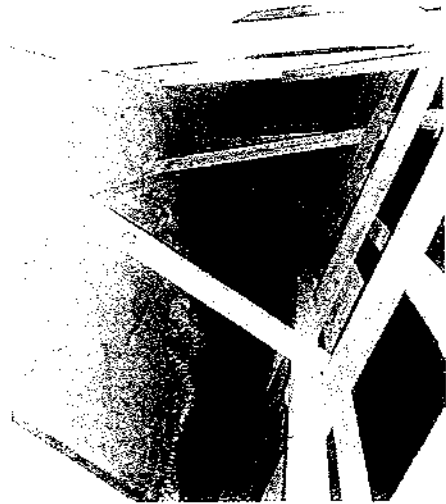
PROJECT NO.

BY

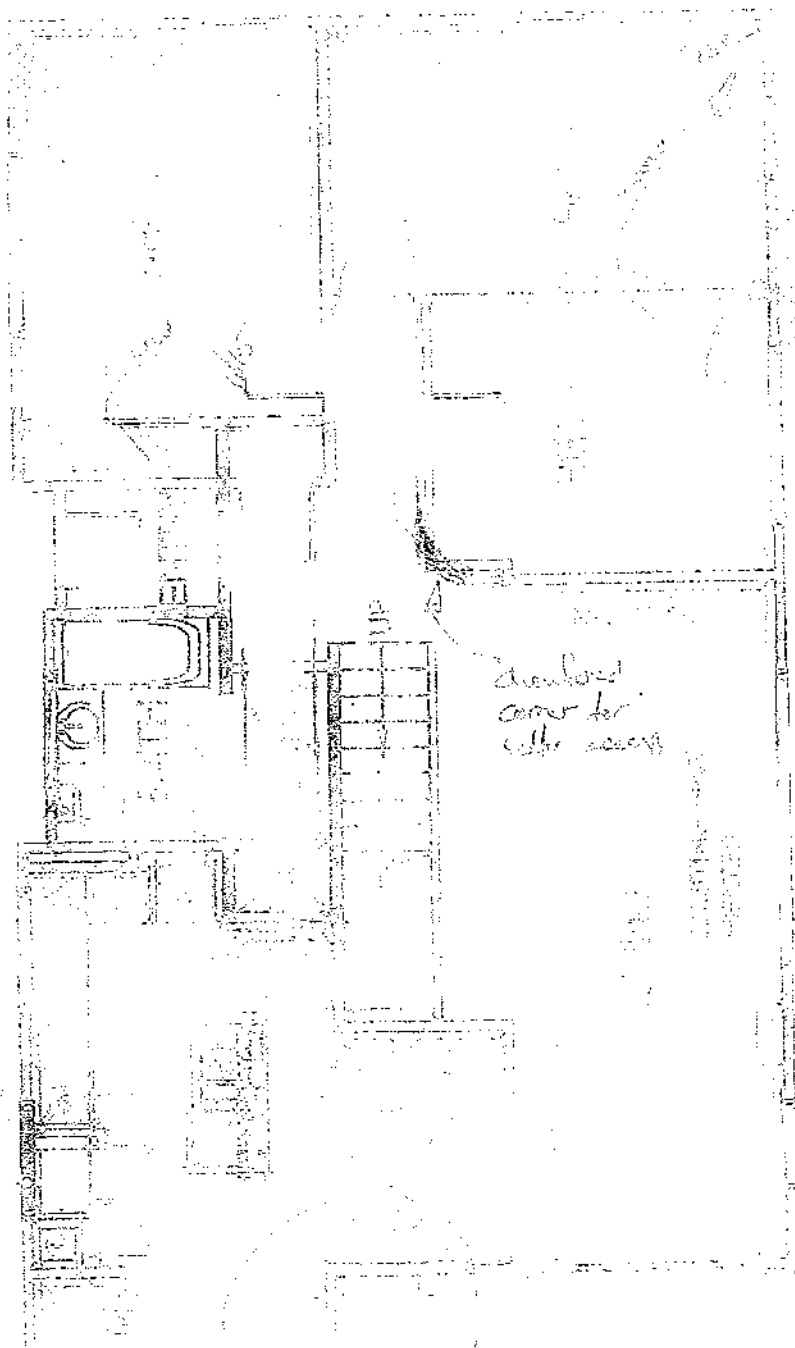
ISSUED







Handwritten notes at the top of the page, possibly a title or project name.



Handwritten notes on the left side of the plan, including the number '518' and other illegible text.

Handwritten note: "detailed corner for the corner"

Handwritten note: "not to be used as a doorway door open"

Vertical handwritten note on the right side of the plan, possibly indicating a scale or orientation.

Large handwritten notes at the bottom of the page, possibly a legend or additional project information.

Applicator Workmanship Warranty

WARRANTY No. 2944 DATE OF INSTALLATION 25-2-16

BUILDING OWNER & ADDRESS 200B MANLY ST / ATKINSON

APPLICATOR (Name, Address, Phone No.) G. ELWINES 49 GOLF RD / 0210773383

AREA LAID m² 14m² PRODUCT, TYPE AND USE ARDEY WPM001 WATERPROOFING

Subject to the conditions appearing below, the Applicator warrants its workmanship as follows:

- a) All membrane products (the "Materials") are laid and installed in compliance with the manufacturer's instructions; and
- b) For a period [5] years, the Workmanship on the Materials by the Applicator shall maintain a waterproof barrier to the area treated.

This Warranty shall be subject to the conditions which follow:

1. This Warranty shall extend only to the workmanship undertaken by the applicator and shall in no way bind the manufacturer of the Materials laid and installed by the Applicator.
2. The Applicator's obligations under this Warranty shall be limited to the Applicator making good at their expense any defect in the workmanship which permits the entry/escape of water. The Applicator shall have no further liability or responsibility for any direct, indirect or consequential injury, loss or damage whatsoever and howsoever arising.
3. This Warranty shall not apply to any alleged defective workmanship that is:
 - a) Due directly or indirectly to any cause such as (without limiting the generality of this exclusion) governmental or environmental interference or any other cause beyond the reasonable control of the Applicator; or
 - b) Caused by the act, omission, default or representation of any party other than the Applicator, its servants or agents and in particular the work of any other tradesman and damage from persons not authorised by the Applicator to have access to or be employed in the repair, maintenance or alteration of the application during the warranty period; or
 - c) Caused by the Materials or any of them being disturbed by any party other than the Applicator after fixing.
4. This Warranty shall be invalid unless the Applicator receives the Customer's written claim within the warranty period and within fourteen (14) days after the date of discovery of any alleged defect.
5. Where it is necessary for the Applicator to repair any defective workmanship, the Customer shall remove and/or replace plant, equipment or any other objects that hinder the access by the Applicator to the Materials. The cost of any site visit requested under a warranty claim which does not reveal any problem relating to the warranted scope of work shall be paid for by the party requesting the inspection at the then current trade consultancy rates.
6. The Customer shall have made payment in full to the Applicator for the nominated works within the terms of the Applicator's contract with the Customer prior to the Customer making claim under this Warranty.
7. In the event that any Materials subject to this Warranty are ordinarily acquired for personal, domestic or household use or consumption, then this Warranty shall be read subject to the guarantees contained in the Consumer Guarantees Act 1993.
8. The Customer acknowledges that the Applicator is not employed by nor is an agent of the manufacturer of the Materials and that the manufacturer will not be liable to any person for the Workmanship, acts or defaults of the Applicator.

Applicator Name (Print) G. ELWINES Telephone No.: 021 0773383

Address: 49 GOLF RD, PARAPARAUMU

Signature of Applicator [Signature] Date: 3-3-16

Mike Robertson
31 Michael Road
Paraparaumu

30 March 2015

Dear Building Consent Applicant / Building Owner

Approval of Building Consent: 150114

Location: 200B Manly Street, Paraparaumu Beach
Legal Description: LOT 2 DP 83579 CT 50D/238
Description: Re-locate dwelling to site

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.

However, building work related to this consent may not yet commence because you need to obtain resource consent/s under the Resource Management Act 1991 or the proposal must be amended to comply with the requirements of the District Plan. See attachments for further details.

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
150114
Section 51, Building Act 2004

The building

Street address of building: 200B Manly Street, Paraparaumu Beach
Legal description of land where building is located: LOT 2 DP 83579 CT 50D/238
Valuation number: 1527107801
Building name:
Location of building within site/block number:
Level/unit number:

The owner

Name of owner: Judith Atkinson
Contact person:
Mailing address: 6 Park Road, Paraparaumu
Street address/registered office:
Email address:
Website:
Phone numbers:
Landline: 04 902 3222 *Mobile:*
After hours: *Fax number:*
First point of contact for communications with the council/building consent authority:
Full Name: Mike Robertson
Mailing Address: 31 Michael Road, Paraparaumu
Phones:: 027 282 4589
Email: mike.r@adarchitecture.co.nz

Building work

The following building work is authorised by this building consent:

Re-locate dwelling to site

Residential dwelling

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

This building consent is issued subject to the following conditions:

1. Approval of this building consent is subject to compliance with a certificate issued pursuant to Section 37 of the Building Act 2004.

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
- Certificate attached to PIM.

Signature

Position

On behalf of: KAPITI COAST DISTRICT COUNCIL

Date: 30/03/15

Mike Robertson
31 Michael Road
Paraparaumu

26 March 2015

Dear Building Consent Applicant / Building Owner

Request for Further Information - Building Consent: 150114

Site Address: 200B Manly Street, Paraparaumu Beach
Legal Description: LOT 2 DP 83579 CT 50D/238
Project Description: Re-locate dwelling to site

Following checking of your Building Consent it is apparent that further information is required.

Information Needed:

1. Engineer's drawings note 'refer to drawings by M Robertson for details and dimensions of subfloor layout. Please provide the subfloor pile layout even if its existing as we need to check it complies with the present code/ New Zealand standards
2. Please confirm on the drawings the finish to fixings as the area is in a Zone D

We have suspended your application and will not proceed any further with its processing until the above information is received. Please send it to us by 25 th April 2015. If we do not receive it by this date, we may not be able to issue your Building Consent.

If you have any questions or you would like to discuss this matter, please contact me on (04) 296-4700 or 0800 486 486 referencing the Building Consent Number noted above.

Yours sincerely

A. Helliwell

Certificate attached to Project Information Memorandum 150114

Section 37, Building Act 2004

Restrictions on Commencing Building Work Under the Resource Management Act 1991

The building work referred to in the attached Project Information Memorandum is also required to have the following resource consents under the Resource Management Act 1991:

Resource Consent is required to relocate an existing dwelling more than 15 years old.

As these resource consents will or may materially affect the building work to which the attached Project Information Memorandum relates, until they have been granted no building work may proceed.

Failure to comply with the requirements of this notice may result in legal action being taken against you under the Resource Management Act 1991.

Signature: _____

Position: Jill Burke

On behalf of: Kāpiti Coast District Council

Date 26 March 2015

GoGet Inspection Audit Report

Consent No: **150114**
Applicant: **Mike Robertson**
Site Address: **200B Manly Street, Paraparaumu Beach**
Work Type: **Re-locate dwelling to site**

Inspection Type: **Preline Plumbing**
Inspection Outcome: **Fail**
Inspected By: **Gareth McCullagh**
Inspection Date: **22 January 2016 1:22 p.m.**
Duration: **30 minutes**

Inspection Element	Status
General	Fail
Sighted previous inspection notes	Pass
Conforms with approved drawings no new kitchen layout	Fail
Confirm additional information/amended plan	N/A
Plumber	Pass
Soil pipe size and test	N/A
Pipes fixed/supported new main in Subfloor clipped and secure	Pass
System used	Pass
TRP line	N/A
Inbuilt S/W pipes tested	N/A
Vents terminated	N/A
Pressure test 1500 kpa and holding	Pass
Waste pipe size and test	N/A
Floor wastes	N/A
Shut off valves	Pass
Fire wraps and collars	N/A

SITE NOTICE

Consent No: **150114**
Applicant: **Mike Robertson**
Site Address: **200B Manly Street, Paraparaumu Beach**
Work Type: **Re-locate dwelling to site**
Building Category: **R2**

Inspection Type: **Preline Plumbing**
Inspection Outcome: **Fail**
Inspected By: **Gareth McCullagh**
Inspection Date: **22 January 2016**

Passed Items

General

Sighted previous inspection notes	
Plumber	
Pipes fixed/supported	new main in Subfloor clipped and secure
System used	
Pressure test	1500 kpa and holding
Shut off valves	

Failed Items

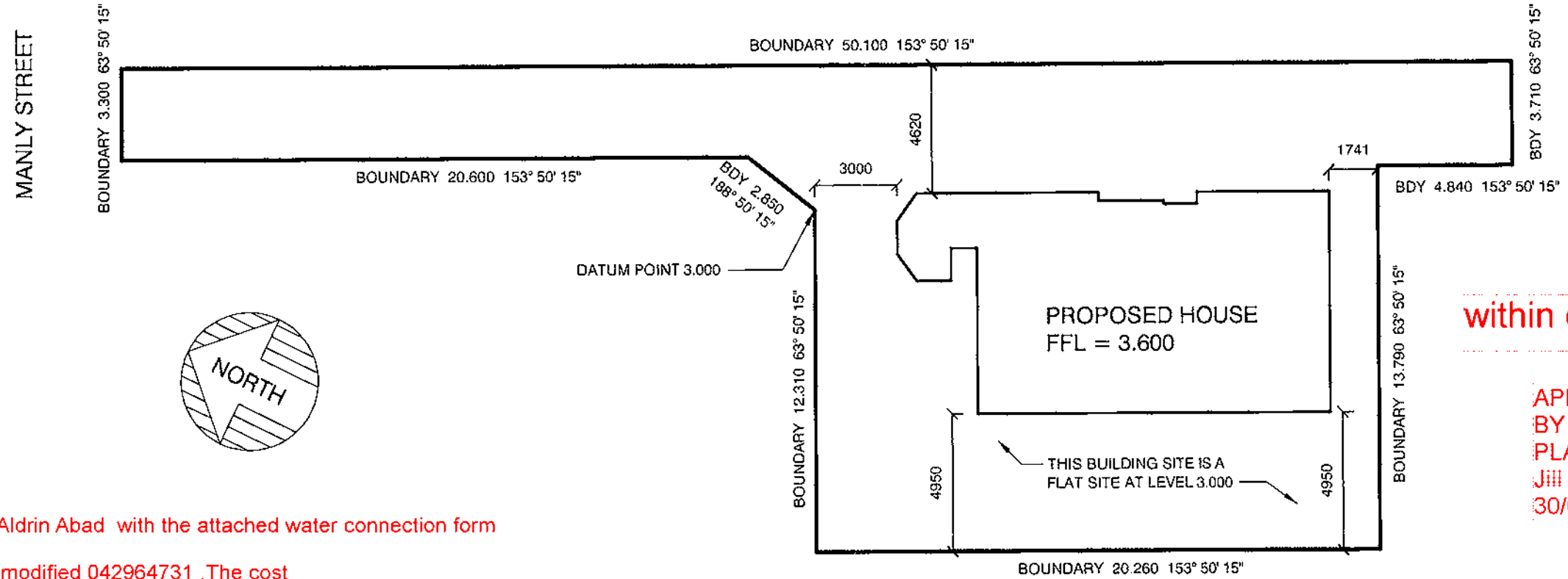
General

Conforms with approved drawings	no new kitchen layout
---------------------------------	------------------------------

ENGINEERS DESIGN
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 inspection.

BOUNDARY LINES
The Owner/Builder is responsible for clearly defining the site boundary lines and pegs. This may require a survey.
NOTE: established fences are not necessarily on the site boundary.

APPROVED BY
BUILDING
jeremy
OFFICER
30/03/2015



APPROVED BY
PLANNING
Jill Burke
30/03/2015

The plumber is to contact Aldrin Abad with the attached water connection form (159) when the toby is to be changed/modified 042964731. The cost of this toby modification and any reinstatement work will be paid by the owner/agent when the invoice is sent out.

No Hose Taps or WC's to be on the town water supply permitted.

Water pipes running to w.c's and all hose taps are to be marked non potable for the entire length.

I recommend that the lid be secured of the water storage tank to prevent unauthorised access.

The water storage tank is to be topped up by a 600lt per day restricted supply from the second connection on the modified toby. No additional connections permitted. Two water mains required! one for house one for the tank.

Council's Manifold/meter box and base and lid are to be protected/reinstated if disturbed to original specification. The cost to reinstate any damage to Council's assets will be paid for by the contractor/property owner.

SITE PLAN
SCALE 1:200

Ensure the tank used has water storage capacity of no less than 10,000lt. A producer statement from the tank manufacturer confirming this will need to be provided before a CCC can be issued.

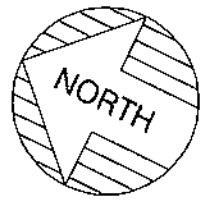
LEGAL DESCRIPTION
LOT 2
DP 83579
SITE AREA = 460m sq
SITE COVERAGE =
SITE AREA = 460m sq
SITE COVERAGE = 110m sq = 24%
VERY HIGH WIND ZONE
COASTAL CORROSION ZONE D
PONDING ZONE - 100 YEAR FLOOD LEVEL = 3.1m

HOUSE RELOCATION				
200B MANLY STREET				
PARAPARAUMU				
SITE PLAN				
Scale	Date	Job	Rev.	Sheet
1:200	MAR 2015	2032	----	01

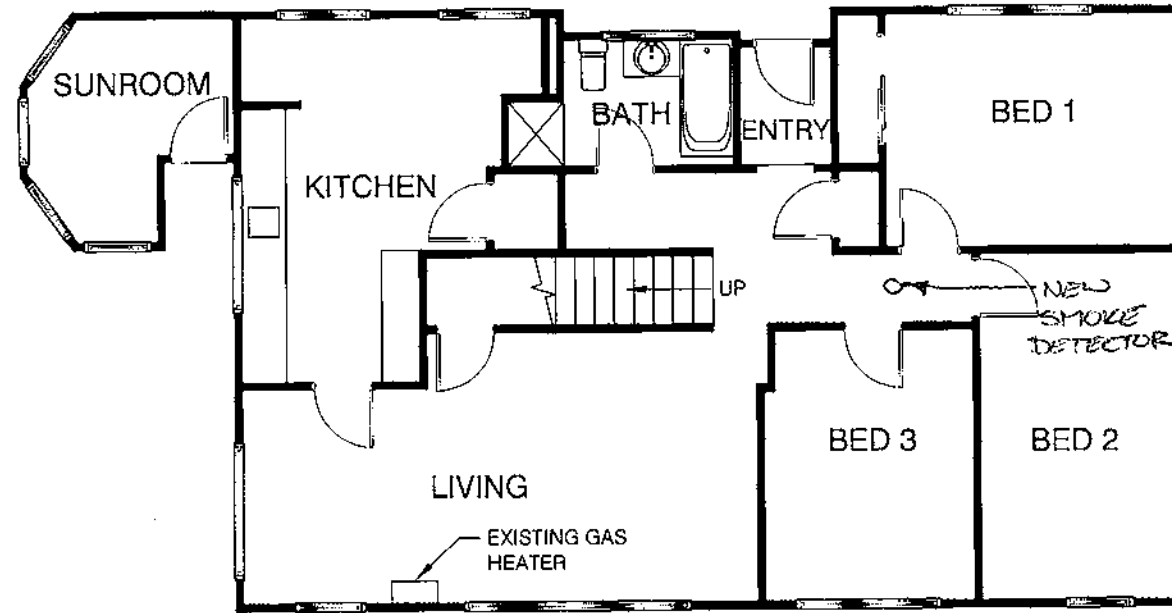
BOUNDARY

← TO MANLY STREET

Main private stairways
Tread minimum 280mm
Riser maximum 190mm



BOUNDARY

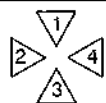


BOUNDARY

BOUNDARY

Ensure that provision is made
for laundry facilities.

ELEVATION KEY



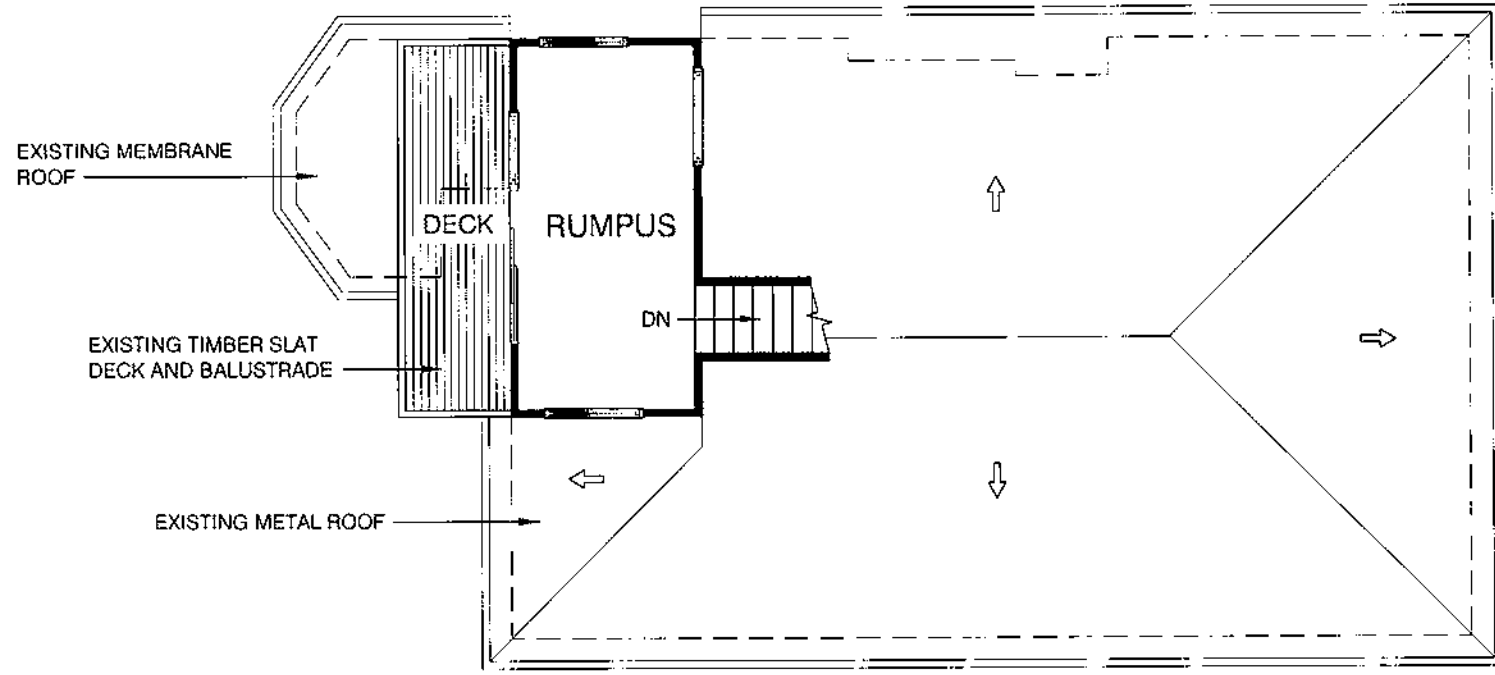
GROUND FLOOR PLAN

SCALE 1:100
FLOOR AREA = 107m sq

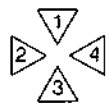
HOUSE RELOCATION
200B MANLY STREET
PARAPARAUMU

GROUND FLOOR PLAN

Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032	----	02



ELEVATION KEY



FIRST FLOOR PLAN

SCALE 1:100
FLOOR AREA = 13m sq + 7m sq DECK

HOUSE RELOCATION
2008 MANLY STREET
PARAPARAUMU

FIRST FLOOR PLAN

Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032	---	03



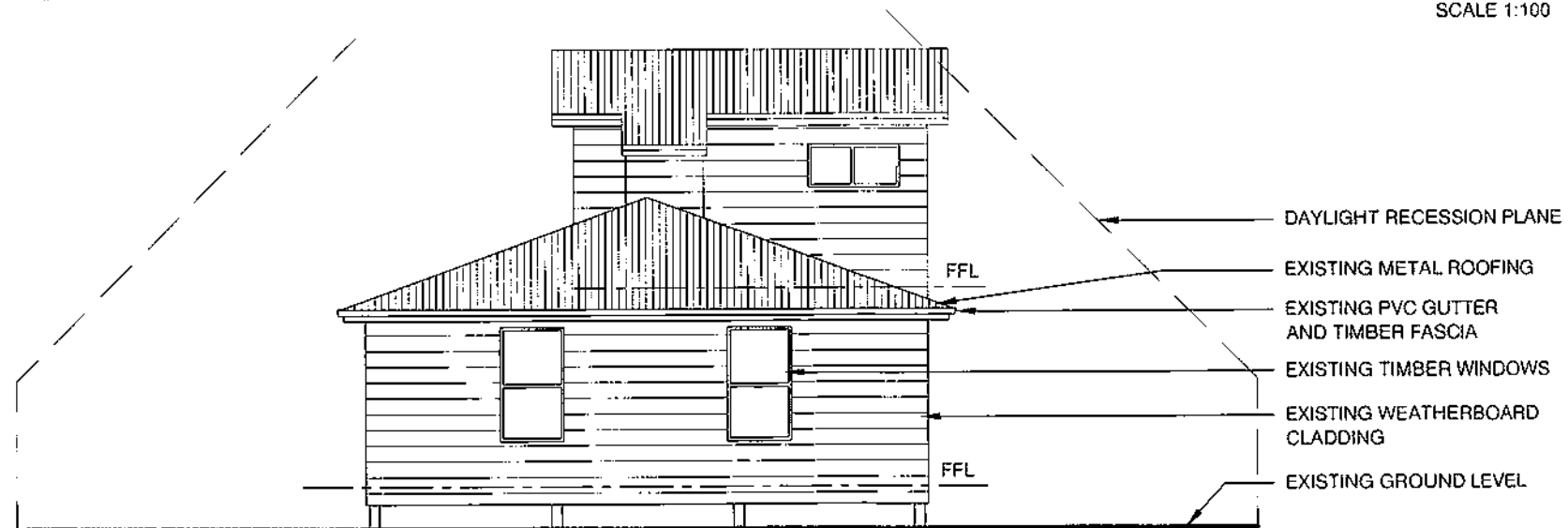
ELEVATION 1
SCALE 1:100



ELEVATION 2
SCALE 1:100



ELEVATION 3
SCALE 1:100



ELEVATION 4
SCALE 1:100

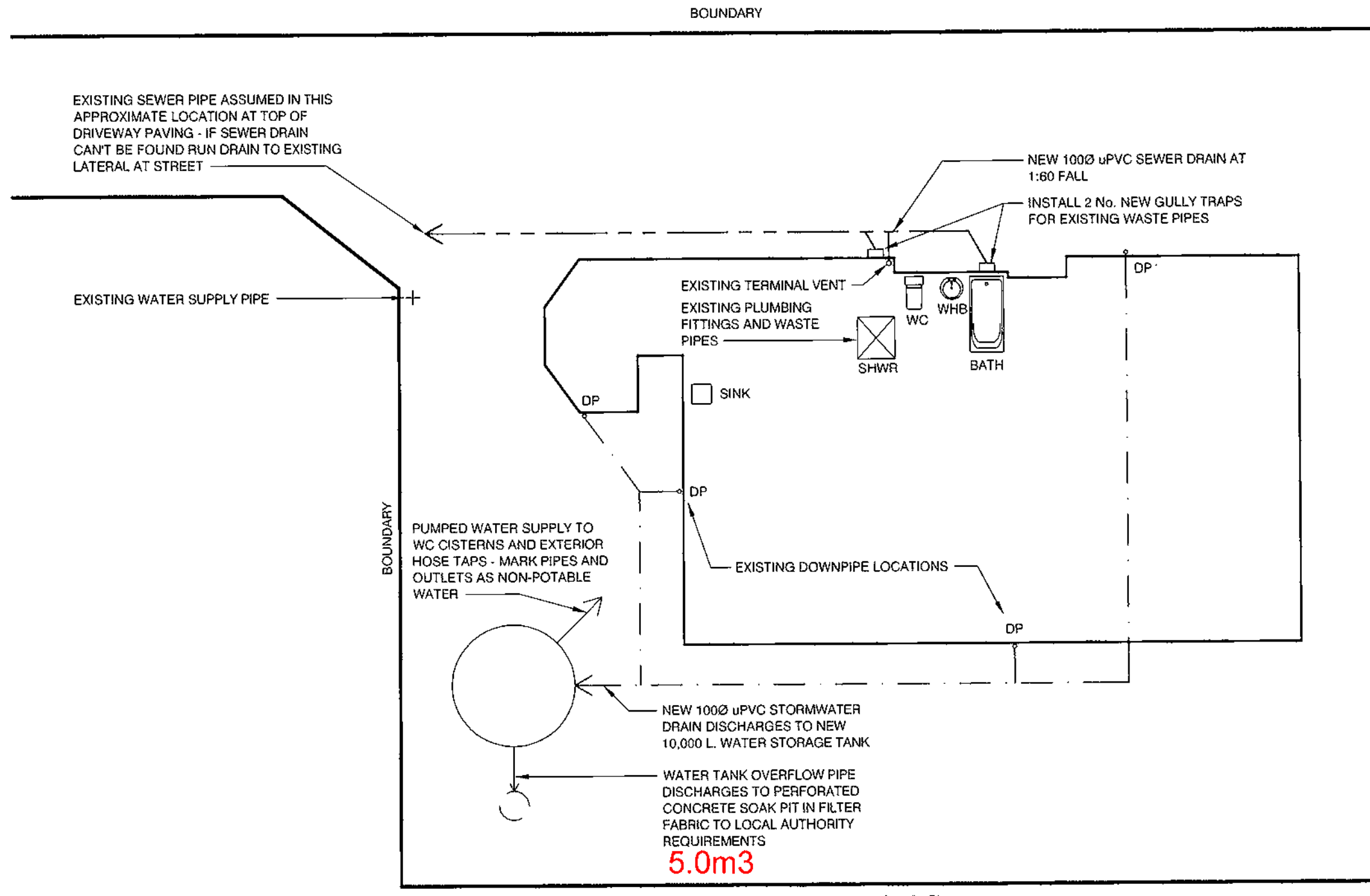
HOUSE RELOCATION
200B MANLY STREET
PARAPARAUMU

ELEVATIONS

Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032	----	04

A drainage inspection is required.

12 MAR 2015



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

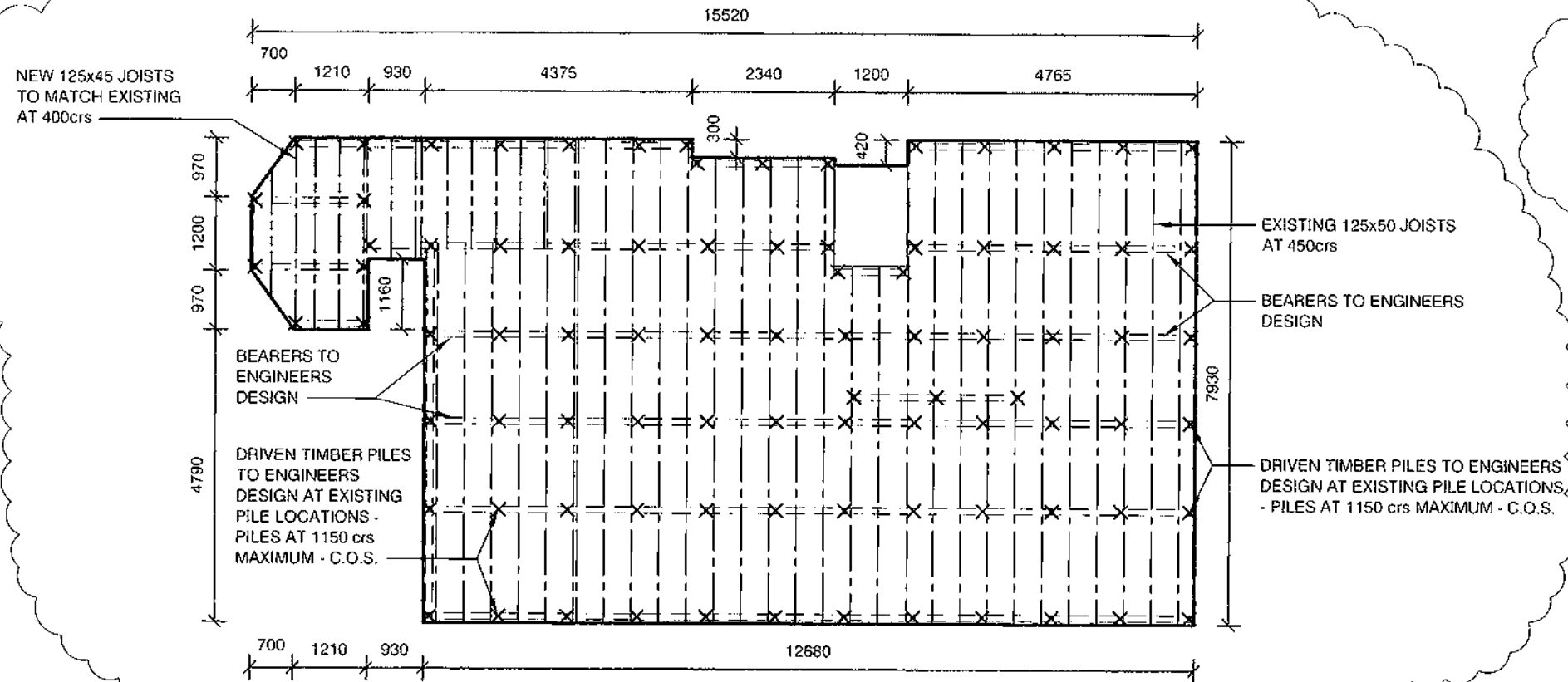
A CERTIFYING PLUMBER/DRAINLAYER TO FILL OUT ATTACHED PRODUCER STATEMENT FORMS AND RETURN TO COUNCIL .ALSO PROVIDE NEAT ASBUILT DRAINAGE PLAN SHOWING SEWER STORMWATER AND WATER.

NOTES
- ALL NEW PLUMBING AND DRAINAGE TO BE IN ACCORDANCE WITH NZBC G13 AND LOCAL AUTHORITY REQUIREMENTS

DRAINAGE PLAN
SCALE 1:100

HOUSE RELOCATION 200B MANLY STREET PARAPARAUMU				
DRAINAGE PLAN				
Scale 1:100	Date MAR 2015	Job 2032	Rev. ----	Sheet 05

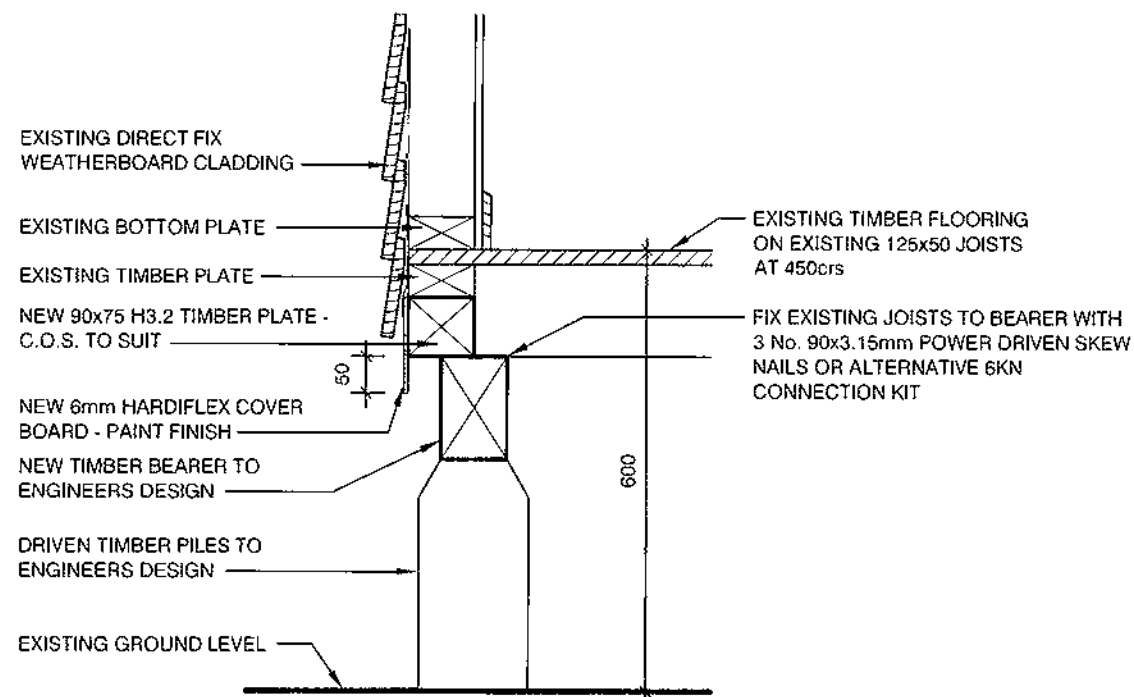
BC 150114



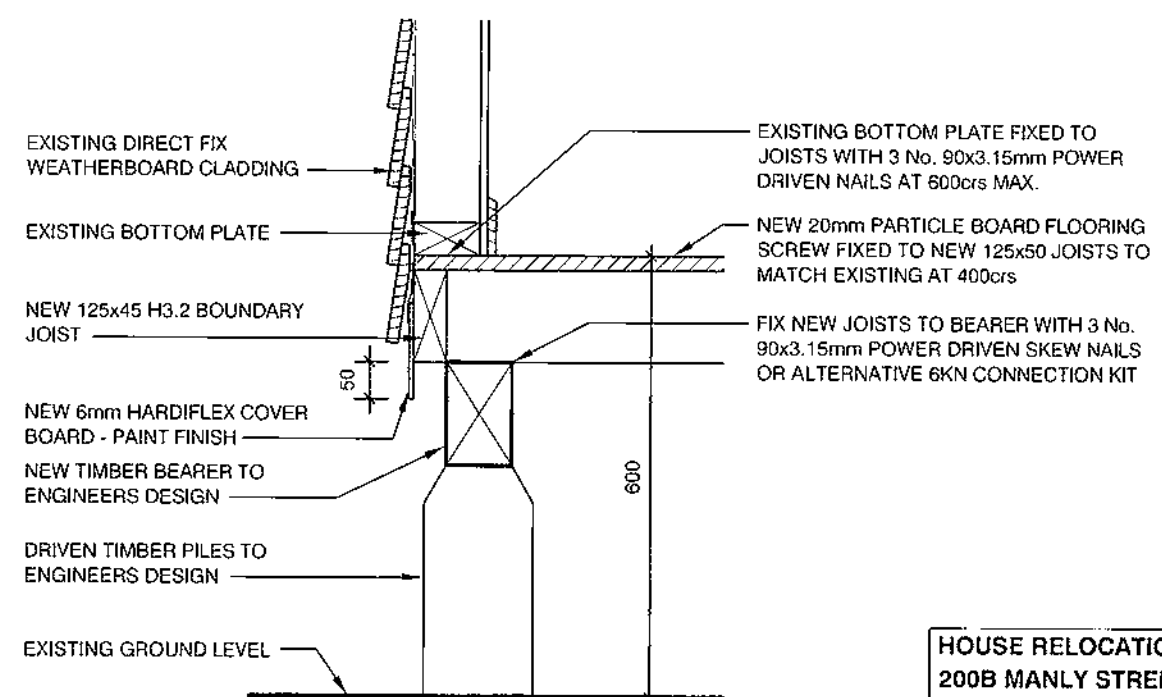
NOTES:
 DRIVEN PILES AND BEARER DESIGN BY ENGINEER
 SUB-FLOOR BRACING BY ENGINEER
 JOIST / BEARER / PILE CONNECTIONS TO ENGINEERS DESIGN
 ALL FIXINGS AND CONNECTIONS TO BE S.S.

FOUNDATION PLAN
 SCALE 1:100

30 MAR 2015

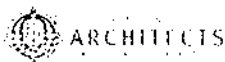


FOUNDATION DETAIL - EXISTING JOISTS
 SCALE 1:10



FOUNDATION DETAIL - NEW JOISTS
 SCALE 1:10

HOUSE RELOCATION 200B MANLY STREET PARAPARAMU				
FOUNDATION PLAN				
Scale 1:100	Date MAR 2015	Job 2032	Rev. A	Sheet 06



17 MAR 2015

Building Code Clause(s).....

PRODUCER STATEMENT – PS1 – DESIGN

(Guidance notes on the use of this form are printed on page 2)

ISSUED BY:.....BASE CONSULTING ENGINEERS LTD.....
(Design Firm)
TO:.....MR. T. ATKINSON.....
(Owner/Developer)
TO BE SUPPLIED TO:.....KAPITI COAST DISTRICT COUNCIL.....
(Building Consent Authority)
IN RESPECT OF:.....ATKINSON DWELLING.....
(Description of Building Work)
AT:.....200 B MANLY STREET, PARAPARAUMU.....
(Address)
LOT..... DP..... SO.....

All work carried out under jurisdiction of producer statement to meet the engineer's requirements fully. Engineer to sign off work supervision after construction

We have been engaged by the owner/developer referred to above to provide THE STRUCTURAL DESIGN FOR:-

Driven timber pile Foundations & Bearers services in respect of the requirements of
(Extent of Engagement)

Clause(s) ...B1: VM1.....of the Building Code for
All or Part only (as specified in the attachment to this statement), of the proposed building work.

The design carried out by us has been prepared in accordance with:

Compliance Documents issued by the Ministry of Business, Innovation & Employment B1 VM1: AS/NZS: 1170: NZS: 3603 or

(verification method / acceptable solution)

Alternative solution as per the attached schedule.....

The proposed building work covered by this producer statement is described on the drawings titled ATKINSON

DWELLING and numbered 15001.....;
together with the specification, and other documents set out in the schedule attached to this statement.

On behalf of the Design Firm, and subject to:

- (i) Site verification of the following design assumptions Ground conditions advised unsatisfactory
(ii) All proprietary products meeting their performance specification requirements;

I believe on reasonable grounds that a) the building, if constructed in accordance with the drawings, specifications, and other documents provided or listed in the attached schedule, will comply with the relevant provisions of the Building Code and that b), the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation:

CM1 CM2 CM3 CM4 CM5 (Engineering Categories) Or as per agreement with owner/developer (Architectural)

I,PETER BOLTON..... am:
(Name of Design Professional)

CPEng56179.....#

Reg Arch #

I am a Member of : IPENZ NZIA and hold the following qualifications:.....BE CIVIL.....

The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*.

The Design Firm is a member of ACENZ:

SIGNED BYPETER BOLTON..... ON BEHALF OF BASE CONSULTING ENGINEERS LTD
(Design Firm)

Date... 09/03/15..... (signature)

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000*.

GUIDANCE ON USE OF PRODUCER STATEMENTS

Producer statements were first introduced with the Building Act 1991. The producer statements were developed by a combined task committee consisting of members of the New Zealand Institute of Architects, Institution of Professional Engineers New Zealand, Association of Consulting Engineers New Zealand in consultation with the Building Officials Institute of New Zealand. The original suit of producer statements has been revised at the date of this form as a result of enactment of the Building Act (2004) by these organisations to ensure standard use within the industry.

The producer statement system is intended to provide Building Consent Authorities (BCAs) with reasonable grounds for the issue of a Building Consent or a Code Compliance Certificate, without having to duplicate design or construction checking undertaken by others.

PS1 Design Intended for use by a suitably qualified independent design professional in circumstances where the BCA accepts a producer statement for establishing reasonable grounds to issue a Building Consent;

PS2 Design Review Intended for use by a suitably qualified independent design professional where the BCA accepts an independent design professional's review as the basis for establishing reasonable grounds to issue a Building Consent;

PS3 Construction Forms commonly used as a certificate of completion of building work are Schedule 6 of NZS 3910:2013 or Schedules E1/E2 of NZIA's SCC 2011²

PS4 Construction Review Intended for use by a suitably qualified independent design professional who undertakes construction monitoring of the building works where the BCA requests a producer statement prior to issuing a Code Compliance Certificate.

This must be accompanied by a statement of completion of building work (Schedule 6).

The following guidelines are provided by ACENZ, IPENZ and NZIA to interpret the Producer Statement.

Competence of Design Professional

This statement is made by a Design Firm that has undertaken a contract of services for the services named, and is signed by a person authorised by that firm to verify the processes within the firm and competence of its designers.

A competent design professional will have a professional qualification and proven current competence through registration on a national competence based register, either as a Chartered Professional Engineer (CPEng) or a Registered Architect.

Membership of a professional body, such as the Institution of Professional Engineers New Zealand (IPENZ) or the New Zealand Institute of Architects (NZIA), provides additional assurance of the designer's standing within the profession. If the design firm is a member of the Association of Consulting Engineers New Zealand (ACENZ), this provides additional assurance about the standing of the firm.

Persons or firms meeting these criteria satisfy the term "suitably qualified independent design professional".

*Professional Indemnity Insurance

As part of membership requirements, ACENZ requires all member firms to hold Professional Indemnity Insurance to a minimum level.

The PI Insurance minimum stated on the front of this form reflects standard, small projects. If the parties deem this inappropriate for large projects the minimum may be up to \$500,000.

Professional Services during Construction Phase

There are several levels of service which a Design Firm may provide during the construction phase of a project (CM1-CM5 for Engineers³). The Building Consent Authority is encouraged to require that the service to be provided by the Design Firm is appropriate for the project concerned.

Requirement to provide Producer Statement PS4

Building Consent Authorities should ensure that the applicant is aware of any requirement for producer statements for the construction phase of building work at the time the building consent is issued as no design professional should be expected to provide a producer statement unless such a requirement forms part of the Design firm's engagement.

Attached Particulars

Attached particulars referred to in this producer statement refer to supplementary information appended to the producer statement.

Refer Also:

- 1 Conditions of Contract for Building & Civil Engineering Construction NZS 3910: 2013
- 2 NZIA Standard Conditions of Contract SCC 2011
- 3 Guideline on the Briefing & Engagement for Consulting Engineering Services (ACENZ/IPENZ 2004)
- 4 PN Guidelines on Producer Statements

www.acenz.org.nz
www.ipenz.org.nz
www.nzia.co.nz

Memorandum from licensed building practitioner: Certificate of design work

Section 45 and Section 30C, Building Act 2004

Please fill in the form as fully and correctly as possible.

If there is insufficient room on the form for requested details, please continue on another sheet and attach the additional sheet(s) to this form.

THE BUILDING

Street address: 200 B MANLY STREET

Suburb

Town/City: PARAPARAUMU

Postcode:

THE OWNER

Name: MR. T. ATKINSON

Mailing address:

Suburb:

PO Box/Private Bag:

Town/City:

Postcode:

Phone number:

Email address:

BASIS FOR PROVIDING THIS MEMORANDUM

I am providing this memorandum in my role as the: Please tick the option that applies (✓)	
()	sole designer of all of the RBW design outlined in this memorandum – I carried out all of the RBW design myself – no other person will be providing any additional memoranda for the project
()	lead designer who carried out some of the RBW design myself but also supervised other designers – this memorandum covers their RBW design work as well as mine, and no other person will be providing any additional memoranda for the project
()	lead designer for all but specific elements of RBW – this memorandum only covers the RBW design work that I carried out or supervised and the other designers will provide their own memoranda relating to their specific RBW design
(✓)	specialist designer who carried out specific elements of RBW design work as outlined in this memorandum – other designers will be providing a memorandum covering the remaining RBW design work

IDENTIFICATION OF DESIGN WORK THAT IS RESTRICTED BUILDING WORK (RBW)

I, Peter Bolton, carried out the following design work that is restricted building work

PRIMARY STRUCTURE: B1

Design work that is restricted building work	Description	Carried out/ supervised	Reference to plans and specifications
Tick(✓) if included Cross (X) if excluded	[If appropriate, provide details of the restricted building work]	[Specify whether you carried out this design work or supervised someone else carrying out this design work]	[If appropriate, specify references]

Primary structure

All RBW Design work relating to B1	()		() Carried out () Supervised	
Foundations and subfloor framing	(√)	Driven timber pile Foundations	(√) Carried out () Supervised	15001
Walls	()		() Carried out () Supervised	
Roof	()		() Carried out () Supervised	
Columns and beams	()		() Carried out () Supervised	
Bracing	()		() Carried out () Supervised	
Other	(√)	Bearers	(√) Carried out () Supervised	15001

EXTERNAL MOISTURE MANAGEMENT SYSTEMS: E2

All RBW design work relating to E2	()		() Carried out () Supervised	
Damp proofing	()		() Carried out () Supervised	
Roof cladding or roof cladding system	()		() Carried out () Supervised	
Ventilation system (for example, subfloor or cavity)	()		() Carried out () Supervised	
Wall cladding or wall cladding system	()		() Carried out () Supervised	
Waterproofing	()		() Carried out () Supervised	
Other	()		() Carried out () Supervised	

FIRE SAFETY SYSTEMS: C1 – C6

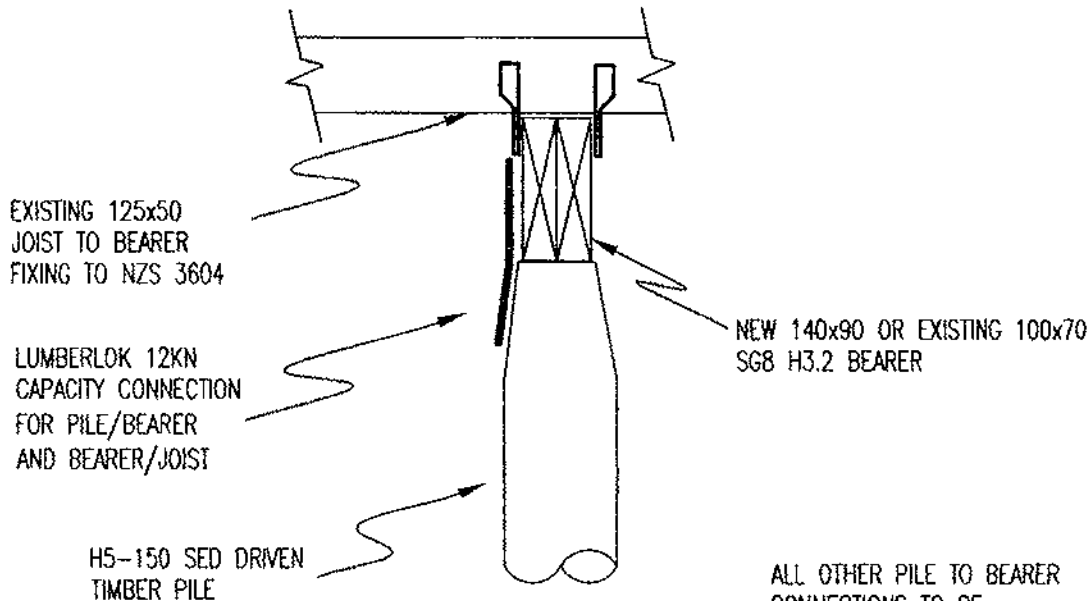
Emergency warning systems, evacuation and fire service operation systems,	()		() Carried out () Supervised	
---	-----	--	-----------------------------------	--

Job ATKINSON DWELLING
200B MANLY STREET PARAPARAUMU

By P BOLTON

Date 9/03/15

REFER ARCH DRWGS BY M ROBERTSON FOR DETAILS
AND DIMENSIONS OF SUBFLOOR LAYOUT



ALL OTHER PILE TO BEARER
CONNECTIONS TO BE
3/100x3.75 SKEW PLUS 2
WIRE DOGS

FD1
PILE TYPE "A"

FD1 APPLIES TO PILES AT 6000MM CENTRES MAX EACH WAY

NOTES:

PILES TO BE DRIVEN TO A SET
NOT EXCEEDING 150mm PER 10 BLOWS FOR 480kg HAMMER FALLING 1000mm.

MINIMUM DEPTH OF EMBEDMENT TO BE 3000 MM

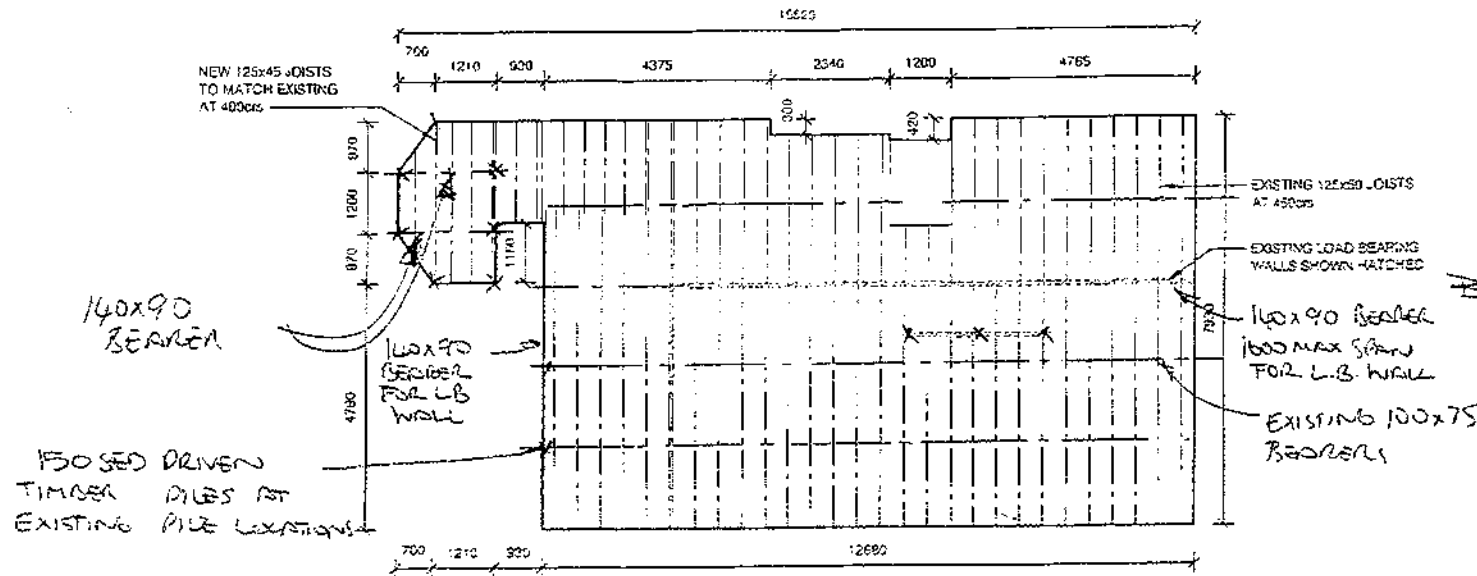
RECORD ALL PILE SETS AND LENGTHS AND SUBMIT COPY TO KDC

CLIENT TO DETERMINE WHAT INSPECTIONS BY THE ENGINEER ARE REQUIRED

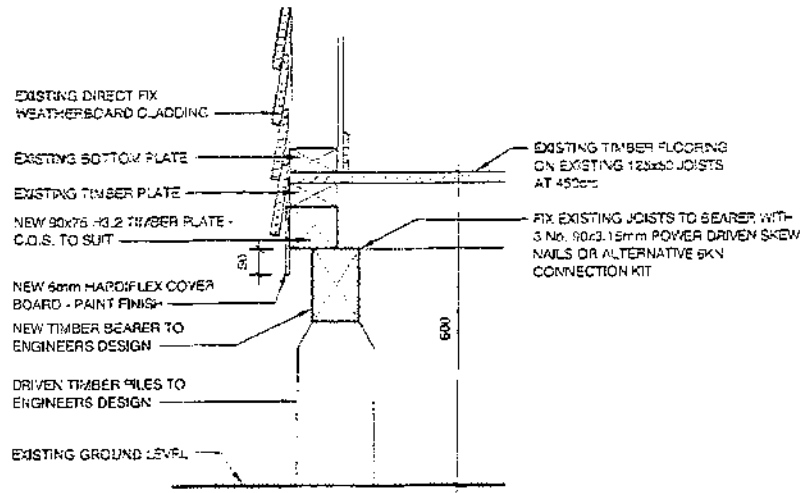
PROVIDE 24 HOURS NOTICE FOR INSPECTIONS

A PS4 CAN ONLY BE ISSUED IF INSPECTIONS HAVE BEEN
CARRIED OUT BY BASE CONSULTING ENGINEERS LTD

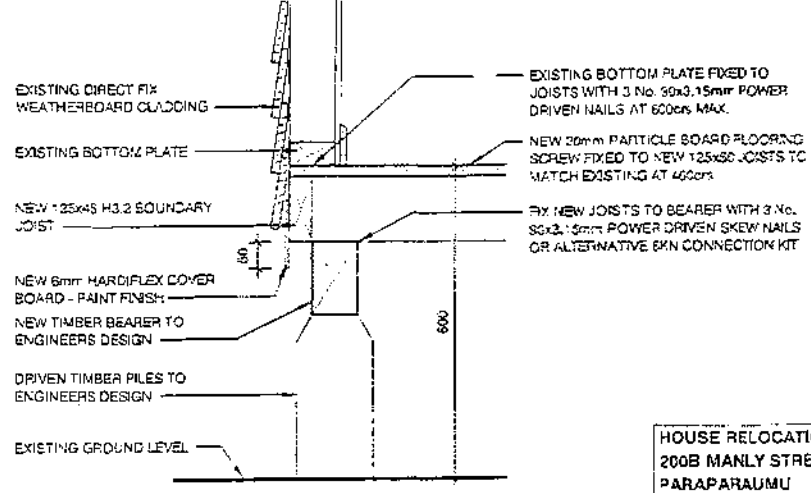
THE CLIENT SHALL RETAIN A COPY OF ALL DOCUMENTS FOR FUTURE REFERENCE



FOUNDATION PLAN
SCALE 1:100



FOUNDATION DETAIL - EXISTING JOISTS
SCALE 1:10



FOUNDATION DETAIL - NEW JOISTS
SCALE 1:10

HOUSE RELOCATION
200B MANLY STREET
PARAPARAUMU

Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032		06



Job REVISION DRAWINGS
200123 Monday 01 PROVIDING FOUNDATION

By P. BOGION

Date 6/3/15

PREAMBLE

To provide the structural design for foundations for proposed relocated dwelling.

Test pile have been driven confirming ground conditions are satisfactory.
Piles to 4200 for IS soil.

Design is in accordance with
AS/NZS 1170 Structural Design Actions
MS 3603 Timber Code

LOADINGS

Roof	cls	dead	0.140 kN
		live	0.25 kN
Walls	with	dead	0.40 kN
Floor	10 pl	dead	0.35 kN
		live	1.50 kN

WIND

$$V_s = V_z M_H M_z$$

$$\leq 42.3 \text{ m/s}$$

$$P = 0.5 \rho V_s^2 C_f$$

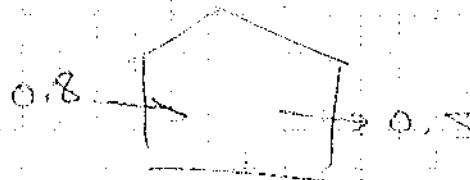
$$\leq 1.40 \text{ kN/m}^2$$

→

$$V_z = 51 \text{ m/s}$$

$$M_z = 0.83$$

$$M_H = 1.0$$



$$C_{fi}$$

$$C_{pe} = 0.1 - 0.1$$

SEISMIC

$$V = \text{ed load}$$

$$I_f = G + \psi \phi$$

$$\psi = 0.3 \text{ (2 slabs)}$$



Job _____

By _____

Date _____

$$c(T) = c_n(T) \cdot z \cdot R \cdot N$$

$$1 = 3.00 \times 0.4 \times 1.0$$
$$= 1.2$$

$$C_d(T) = \frac{c(T)}{R}$$

$$= \frac{1.2 \times 1.0}{1.14}$$

$$= 0.56$$

$$V = 0.56 \times 0.8$$

$$= 0.45 \text{ (1.2)}$$

$$k_s \frac{(\mu - 1) T}{0.7} + 1$$

$$\mu = 3.0$$

$$T = 0.4 \text{ sec}$$

$$k_s = 2.14$$

$$W_p = 0.35 + 0.3(1.5)$$
$$= 0.8 \text{ kPa}$$

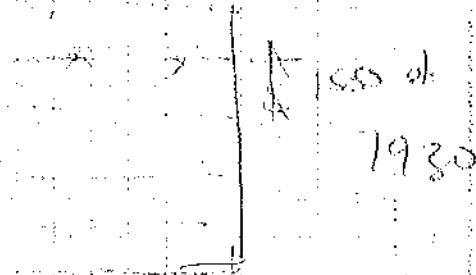
CONSIDER WAYONIF - USE EXISTING BEAMS AND JOISTS

- existing 125 x 50 joists @ 450 c/c

- 3604 max span = 3

beams 100 x 75 - max span = 1300
for 5 x 1500

n.s. 6



1300 max

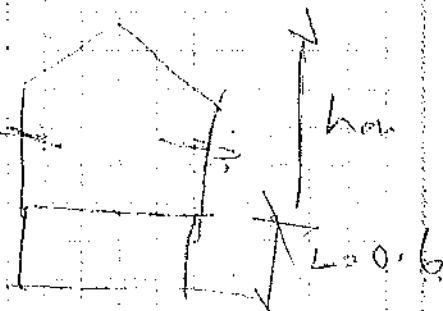
For 0.96 + L1

h_{av} = 6.0
4.0

b_s = 1.3

n.s. 6

2 story
single story



n.s. 6



Job _____

By _____

Date _____

$$P = w \times h \times b$$

$$= 1.40 \times 1.3 \times 600$$

$$= 1.8 \text{ kN}$$

For 150 SED, Design Moment M^*

$$M^* = PL$$

$$= 1.8 \times 0.6$$

$$= 1.1 \text{ kNm}$$

Moment Capacity ϕM_{11}

$$\phi M_{11} = 1.4 k_s k_t z$$

$$= 0.85 \times 0.8 \times 38.0 \times 0.401 = 10.1 \text{ kNm}$$

Consider Embedment

$$H = A \left(1 + \left(1 + 2.18 \frac{L}{D} \right)^{1/2} \right)$$

$$= 0.187 \left(1 + \left(1 + 2.18 \times \frac{0.9}{0.157} \right)^{1/2} \right)$$

$$= 2.3 + 4.2 \text{ m}$$

For 150 set 15 set 400

$$A = 1.17 \frac{P}{S}$$

$$= 1.17 \times 1.8$$

$$= 0.15 \times 75$$

$$= 0.187$$

Check Pile Capacity

Pile Load $R^* = 1.26 \text{ t/sq}$

$$R^* = (1.26 \text{ m}^2) + 1.5 (1.5) \text{ m}^2 + 1.5 (0.9) \text{ m}^2$$

$$= 7.7 \text{ kNm}$$

For 15 set

$$\phi R_u = \frac{W H k}{S A C_2}$$

$$= \frac{0.187 \times 1.8 \times 1000}{4 \times 1500} \times 0.8 \times 9.81$$

$$= 30 \text{ kNm}$$

4.89 kg hammer
10000 kg
15 set

15 (150 kg)
15 set
30000 kg



Job _____

By _____

Date _____

CONSIDER EXISTING BEAMS

100x75 joint sp. 1550

For Beams, no roof load

120x150

$$W^* = 1.2(0.4) + 1.5(1.5) = 1.55 + 1.2(0.35) = 2.6$$

$$= 5.3 \text{ kN/m}$$

Design Moment M^*

$$M^* = 1.5 \frac{W^* l^2}{8}$$

$$= 5.3 \times \frac{1.5^2}{8}$$

$$= 1.1 \text{ kNm}$$

Moment Capacity ϕM_b

$$\phi M_b = k_1 k_2 F_y Z$$

$$= 0.8 \times 0.85 \times 14.0 \times 0.117 = 7.0 \times 10^2$$

$$= 1.1 \text{ kNm} \quad \text{OK} \quad \phi 117 \times 10^3$$

$$W^* = 5.3 + 1.2(0.4) \times 1.5 \times 1.5$$

$$= 7.5 \text{ kN/m}$$

For piles @ 120%

$$M^* = 1.5 \times \frac{1.2 \times 1.5^2}{6} = 1.8 \text{ kNm}$$

$$1.8 \times 100 \times 90 \quad Z = 241 \times 10^3$$

$\phi M_b = k_1 k_2 F_y Z$

$$= 0.8 \times 0.85 \times 14.0 \times 0.241$$

$$= 2.8 \text{ kNm} \quad \text{OK}$$

For $l = 7.0 \text{ m}$

$$M^* = 3.8 \text{ kNm} \quad \text{NO need for 7000 mm}$$

Ex 100x70
BEAMS OR
TRUSS
SPAN
MAX 11.5

FOR LB
WALLS
140x90
BEAMS
1600 SPAN
MAX



Job _____

By _____

Date _____

Consider Floor Joists

1.26 + 1.50

span = 1.55

125 x 50 - 450

$L = 1.0$

$L = 1.0 \times 1.5 / 2$

board share

$= 1.05 \text{ m}$

Design Moment M^x

$$M^x = wL^2/8 + Ls/4$$

$$= (1.26 + 1.50) \times 0.45 \times 1.55^2 / 8 + 1.05 \times 1.55 / 4$$

$$= 0.417 \text{ kNm}$$

Moment Capacity ϕM_b

$$\phi M_b = k_y k_z k_b Z$$

$$= 0.8 \times 0.85 \times 1430 = 0.117$$

$$= 1.1 \text{ kNm} > \text{OK}$$

$$Z = 1.2 \times 10^6$$

$$= 45 \times 12.5^2 / 6$$

$$= 3117 \text{ cm}^3$$

6 x JOISTS
125 x 50
- 450
OK

REMARKS - for upper storey

$$M^x = (1.26 \times 0.4 + 1.5 \times 1.5) \times 2.4 / 2 + 1.05 \times 1.5$$

$$= 6.0 \text{ kNm}$$

Design Moment M^x

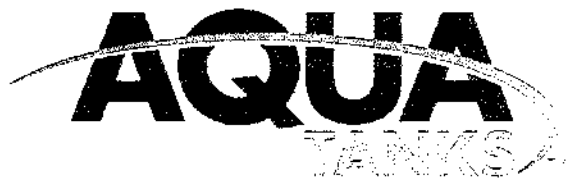
$$M^x = wL^2/8$$

$$= 6.0 \times 1.55^2 / 8$$

$$= 1.8 \text{ kNm}$$

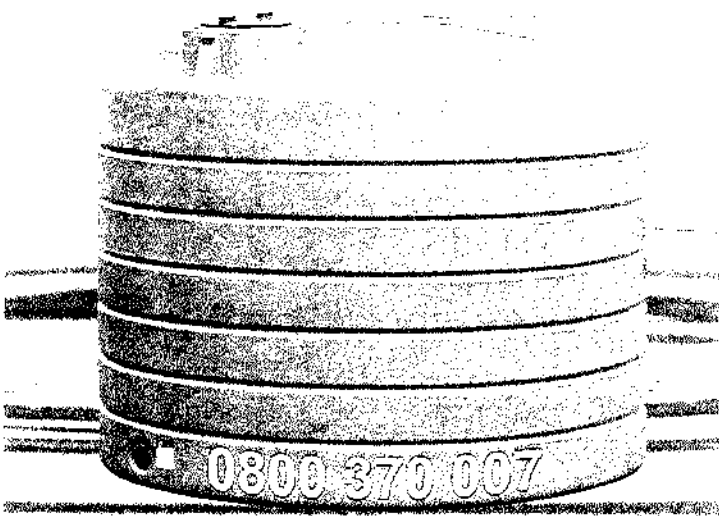
For 125 x 50

$$\phi M_b = 1.8 \text{ kNm} > \text{OK}$$



A Division of Galloway International Ltd.

THE NATURAL CHOICE



LET AQUA TANKS PROVIDE YOUR WATER STORAGE SOLUTIONS

Aqua Tanks, A Division of Galloway International

Galloway International Ltd is responsible for the design, development and manufacture of storage tanks, pressure systems. We have over 25 years of experience in national and international markets and are ISO 9001, ISO 14001 and third party certified.

Aqua Tanks offers the production of providing high quality polyethylene storage tanks for water, milk and other liquids. Our products also comply with other standards. We manufacture tanks from 200 litres to 20,000 litres and produce a range of 1" and 1.5" diameters which makes us New Zealand's number one selling brand.

Our Tanks

Aqua Tanks manufactures the AS/NZS 4766 and New Zealand Water Tank Standard AS/NZS 4766:2006 and are independently certified by a professional engineer. Our tanks are produced from our 100% virgin polyethylene material. Aqua Tanks are providing a range of tanks and are used to ensure that products are contained within a safe, protected, resistant and durable container. ISO 9001:2008, ISO 14001:2004 in addition to being structurally robust, the tanks have been independently certified to be an inherently safe tank that is the Aqua Tanks "The Natural Choice".

Polyethylene

The polyethylene used in the manufacture of Aqua Tanks is extremely durable, resistant to bacteria and other pathogens. The design and the polyethylene are chemically resistant to purifying chemicals and inhibitors to help clean. We also use a reaction-free process during the manufacturing process and consequently there is no leaching of water with polyethylene.

Manufacturing

Our manufacturing process for Aqua Tanks is a completely unique process, rotational moulding. The moulding process is fully regulated, precise and repeatable. The tanks are a one-piece design and are completely ready to use straight from the machine.

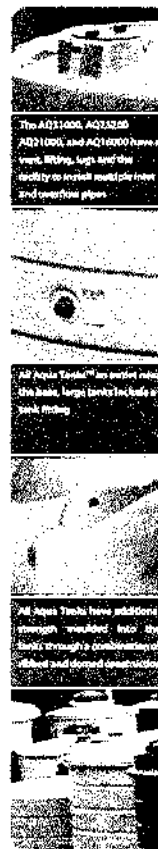
Chemical and Moasses Tanks

Aqua Tanks tanks are chemically resistant and are designed to the standards AS/NZS 4766:2006, ISO 9001 and ISO 14001. Our tanks are fully certified to the MSAS 2009 81 from the standards.

Our tanks and chemical tanks are made to order with the specifications provided to contain and store heavy metal ions or similar liquids (20, 4, 2, 4, 6). This means that 1000L, 2000L, 4000L and the tanks are designed to accommodate the additional weight. We also offer 1" and 1.5" diameters. Aqua Tanks also offer tanks with thickened walls for heavy weight liquids and are available in a range of 20, 40 and 60 litres.



These tanks are made to order with the specifications provided to contain and store heavy metal ions or similar liquids (20, 4, 2, 4, 6). This means that 1000L, 2000L, 4000L and the tanks are designed to accommodate the additional weight. We also offer 1" and 1.5" diameters. Aqua Tanks also offer tanks with thickened walls for heavy weight liquids and are available in a range of 20, 40 and 60 litres.



The AQ11000, AQ13000, AQ11000, and AQ16000 have a vent, filling, legs and the ability to install multiple tiers and overflow pipes.

All Aqua Tanks™ are made from the same high quality polyethylene tank material.

All Aqua Tanks™ have additional strength provided into the construction to provide extra durability.

Installation

Comprehensive installation instructions are provided by us at the time of delivery. It is important that the installation instructions are followed to protect your pro-rata warranty. Installation instructions are also available on our website www.aquatanks.co.nz.

Delivery

We can arrange delivery of your tank anywhere in the North Island, generally within 7 working days or sooner from date of order. Please contact one of our team to confirm delivery of your tank. Large tanks require a big area to unload.

Dealers throughout the North Island

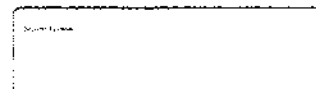
We have Aqua Tank™ Dealers throughout the North Island. Many of our dealers have display tanks in their yards for you to view. Please visit our website at www.aquatanks.co.nz or contact one of our Aqua Tank team to locate a dealer near you.

New Zealand Standard

All of our tanks are manufactured to the highest standard for water storage tanks AS/NZS 4766:2006, and are certified to hold the amount of water stated in our promotional material.

Warranty

All Aqua Tanks™ come with a pro-rata warranty which protects the tank against any defects in material or manufacturing.

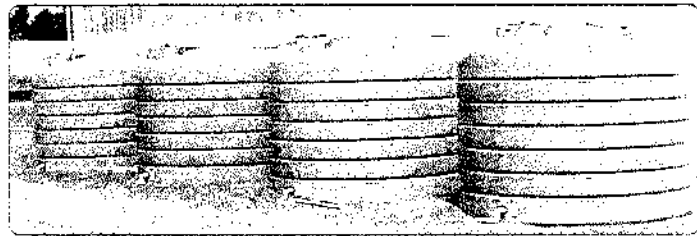


HEAD OFFICE
31 Green Pasture Drive
PO Box 31/912 Factory Avenue, Auckland 1014, New Zealand
Free Phone: 0800 370 007

Whangarei: 09 424 0714
Dunedin: 03 479 1111
Invercargill: 03 222 1111

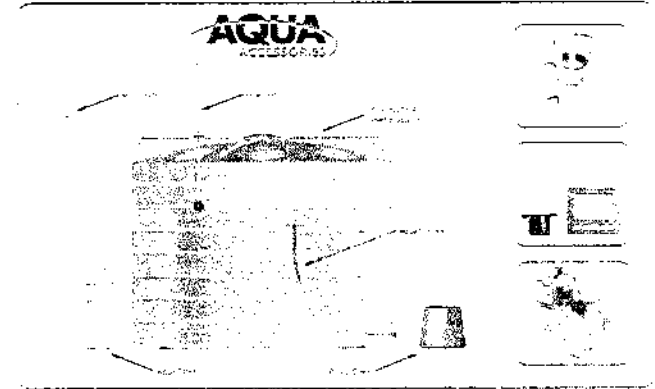
12 MAR 2011

0000

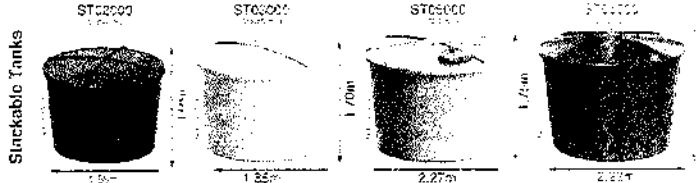
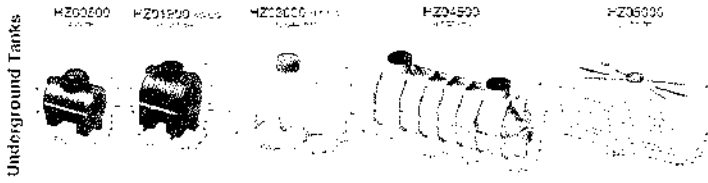
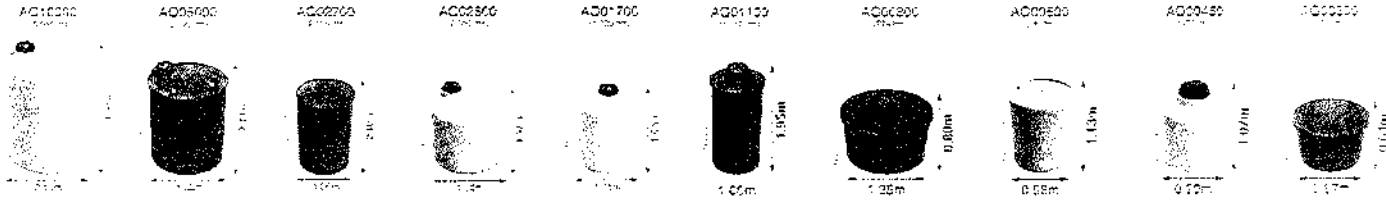


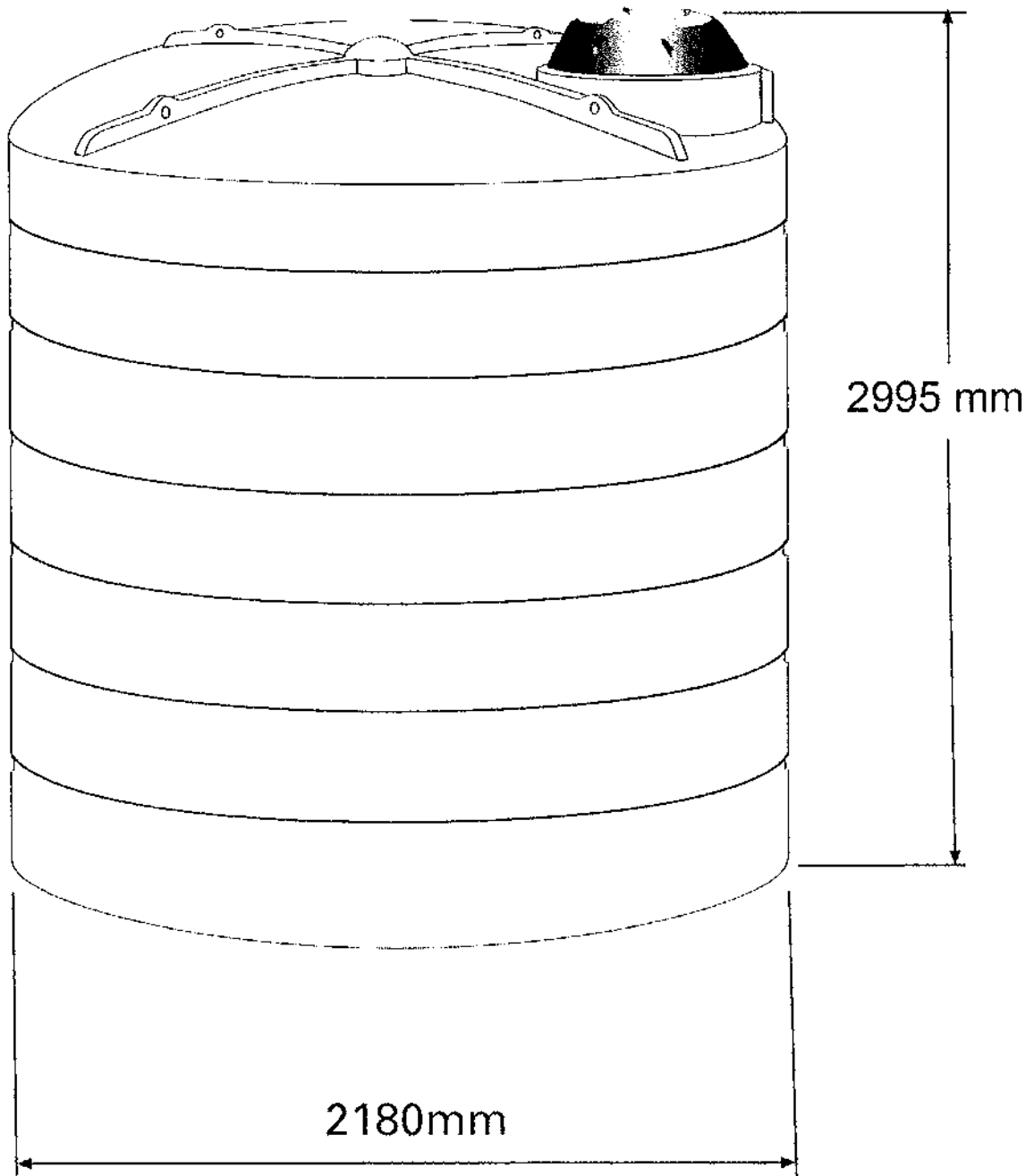
Model	Capacity (L)	Height (mm)	Width (mm)	Weight (kg)	Volume (L)
AQ01000	11,000	1,100	1,100	1,100	11,000
AQ02000	22,000	1,100	1,100	1,100	22,000
AQ03000	33,000	1,100	1,100	1,100	33,000
AQ04000	44,000	1,100	1,100	1,100	44,000
AQ05000	55,000	1,100	1,100	1,100	55,000
AQ06000	66,000	1,100	1,100	1,100	66,000
AQ07000	77,000	1,100	1,100	1,100	77,000
AQ08000	88,000	1,100	1,100	1,100	88,000
AQ09000	99,000	1,100	1,100	1,100	99,000
AQ10000	110,000	1,100	1,100	1,100	110,000
AQ11000	121,000	1,100	1,100	1,100	121,000
AQ12000	132,000	1,100	1,100	1,100	132,000
AQ13000	143,000	1,100	1,100	1,100	143,000
AQ14000	154,000	1,100	1,100	1,100	154,000
AQ15000	165,000	1,100	1,100	1,100	165,000
AQ16000	176,000	1,100	1,100	1,100	176,000
AQ17000	187,000	1,100	1,100	1,100	187,000
AQ18000	198,000	1,100	1,100	1,100	198,000
AQ19000	209,000	1,100	1,100	1,100	209,000
AQ20000	220,000	1,100	1,100	1,100	220,000

Model	Capacity (L)	Height (mm)	Width (mm)	Weight (kg)	Volume (L)
AQ01000	11,000	1,100	1,100	1,100	11,000
AQ02000	22,000	1,100	1,100	1,100	22,000
AQ03000	33,000	1,100	1,100	1,100	33,000
AQ04000	44,000	1,100	1,100	1,100	44,000
AQ05000	55,000	1,100	1,100	1,100	55,000
AQ06000	66,000	1,100	1,100	1,100	66,000
AQ07000	77,000	1,100	1,100	1,100	77,000
AQ08000	88,000	1,100	1,100	1,100	88,000
AQ09000	99,000	1,100	1,100	1,100	99,000
AQ10000	110,000	1,100	1,100	1,100	110,000
AQ11000	121,000	1,100	1,100	1,100	121,000
AQ12000	132,000	1,100	1,100	1,100	132,000
AQ13000	143,000	1,100	1,100	1,100	143,000
AQ14000	154,000	1,100	1,100	1,100	154,000
AQ15000	165,000	1,100	1,100	1,100	165,000
AQ16000	176,000	1,100	1,100	1,100	176,000
AQ17000	187,000	1,100	1,100	1,100	187,000
AQ18000	198,000	1,100	1,100	1,100	198,000
AQ19000	209,000	1,100	1,100	1,100	209,000
AQ20000	220,000	1,100	1,100	1,100	220,000



- The design allows for pressure relief in the tank
- The largest range of water storage tanks in New Zealand
- Includes a built-in hose connector
- Delivery through the top panel
- Non-toxic food-grade FDA approved
- The design allows for easy installation
- Includes a built-in hose connector
- Pressure relief valve
- 100% hot-tap water

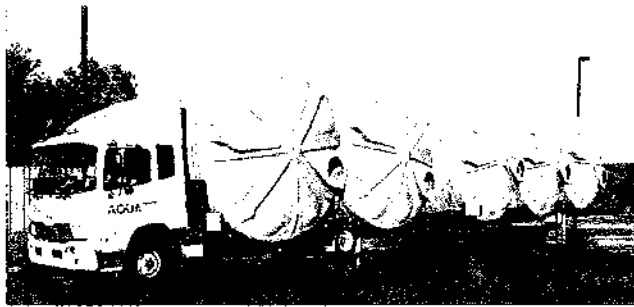




AQUA

TANKS

A Division of Gateway International Ltd



Pre Delivery Check List

Delivery:

We will deliver within our delivery areas, provided conditions are met. 'Delivery' means to your gate. We are not responsible for getting your tank onto the actual site. Where practical, our drivers may try to unload your tank as close to the site as safely possible. This is at our drivers discretion at time of delivery

We will contact you by phone prior to the truck arriving to give you time to meet the driver.

Delivery Times:

Please note that all tanks are dispatched from our East Tamaki, Auckland manufacturing plant.

Estimated delivery times maybe given, however please consider conditions that may delay these times EG: Weather, Accidents and other deliveries prior to your location.

Site Access:

We require suitable access to a flat area to roll the tank off our vehicle. Our truck and trailer units are up to 22 metres long, 3.1 metres wide, and require a height clearance of at least 5 metres. If this requirement is not met then it is your responsibility to arrange suitable lifting equipment to be on site. We will require a turning circle of at least 24 metres or clear access for reversing. Contact us for options.

Prior to delivery check gates, roads, roundabouts, crossings and overhanging trees on and near your property and advise us in advance of any access problems, including good ground clearance for trailers.

You are responsible for providing safe access by ensuring that the area to unload the tank is level and clear of any building materials, vehicles, or debris or sharp objects that may damage the tank.

Organise Assistance:

Our driver may need you to assist in unloading the tank therefore you are required to make sure someone is on site at time of delivery. In the case of larger tanks several able bodied people may need to be on hand. If this assistance cannot be provided then the availability and operating of lifting equipment is your responsibility.

You will be asked to sign for the tank delivery and accept the product in good condition. Failure to inspect your tank and sign this acceptance will negate any warranty.

Secure Your Tank:

When your tank is unloaded it must be secured either by filling with water about 100mm deep or with ropes or straps to stop the tank rolling or blowing away. – this is your responsibility. Any damage resulting from failure to secure is not covered by warranty.

Location:

Locating your tank in a shady area will help keep the water cool and extend the life of your tank. In deciding where to best place your tank be mindful of proximity to buildings and other structures. All tanks placed in open areas where livestock have access must be fenced (refer to full installation instructions provided with your tank).

Preparing your tank site:

If you are preparing your tank site base prior to your tank being delivered, or before you receive the full installation instructions please note the following:

All tanks from 5,000 litres and above must sit on a flat, level bed of compacted sand of at least 100mm deep. This bed must be contained with either timber or concrete nib wall and must extend a minimum of 300mm greater than the diameter of the tank. All sharp objects, obstructions and tree roots. must be removed before placing sand, and check again before placing the tank on this base.

Tanks may be placed on a smooth concrete base pad providing this is constructed such that it will support the tank weight (full of water) without the possibility of cracking or sheering ultimately causing damage or failure of the tank. This occurrence will not be covered by warranty.

In considering your plumbing requirements please be aware all tanks must have overflow pipes fitted that are at least 25mm larger in diameter than any inlet pipe size. These must be piped a minimum distance of 300mm away from the contained base area with clear free drainage to ensure the base material cannot be eroded. Failure to comply with this requirement will void your warranty.

If you are wanting to partly bury your tank please check with us first.

Full installation and plumbing requirements are covered in the Installation Instructions supplied with your tank, or you can view on our website www.aquatanks.co.nz.

Before carrying out your tank installation please read the instructions and ensure all requirements will be met. Failure to comply will compromise any warranty offered with your water tank.

Your Safety:

When trying to move your tank never work alone. Never enter the tank alone.

Please Note: if our driver is unable to successfully deliver your tank because these requirements have not been met a restocking fee and an additional fee to cover the second delivery may apply.

If you have any further questions before we deliver your tank or have problems complying with these requirements please contact us immediately --

Phone 0800 370 007

ABOVE GROUND WATER TANK INSTALLATION INSTRUCTIONS

It is important You Read and Understand this Information Before Installing Your Tank

1. Location:

Locating your tank in a shady area may help keep the water cool and your tank cooler. In deciding where to best place your tank be mindful of proximity to buildings and other structures. Owners are advised not to enclose tanks following installation, or install such that sufficient expansion of the tank will be restricted (i.e. do not place tanks hard up against fixed walls, fences, or structures. **Doing so will void your warranty.**)

All tanks placed in open areas where livestock have access must be fenced to a minimum of 1.0 metre from the tank to avoid any possible damage to the tank wall. In areas prone to strong or gusty winds (e.g. hilltop locations) stabilising wires must be located through the lifting eyes in the top roof ribs and secured to the ground, particularly where the water level in the tank may vary considerably. **Failure to meet these requirements will void the warranty.**

In areas prone to rabbit or other burrowing animals wire mesh will be required to be erected in a narrow trench around the foundation perimeter to a minimum depth of 600mm. **Failure to do so will void the warranty.**

2. Site Preparation:

Firm flat level ground foundations are required. Ensure the platform for the tank is on solid (compacted) stable free draining ground. The level site must extend a minimum of 300mm greater than the diameter of the tank and must be cleared of any sharp projections such as rocks, stones, or roots. Because ribbed tank walls allow for the weight to be distributed over the largest possible area (31,000 litres = 31 metric tonnes) the tank must sit on a level flat site. If you are placing a smaller tank on an elevated structure (i.e. deck or tower) an engineers report must be made available to the tank manufacturer for approval prior to installation. Always check with your local council to ensure you meet current requirements.

A uniform 100mm minimum depth compacted sand bedding must be contained such that it cannot be washed or eroded away. A timber or concrete retaining nib wall is required to retain the sand. **Failure to do so will void the warranty.**

Where the tank is being placed on sloping ground a flat level area at least 600mm greater than the tank diameter must be excavated and a retained sand bed as described above constructed. The high side of the bank must be retained to hold soil from collapsing against the tank. Drain coil or similar drainage material must be used around the wall face and drain away from the tank site to ensure the tank base material is not eroded. **Failure to do so will void the warranty.**

Tanks exceeding 10000lts may be buried up to a maximum of 600mm providing all other criteria relating to the installation and site preparation have been met.

Placing the tank on a level concrete pad is acceptable, however the pad must be suitably constructed such that it will support the tank weight (full of water, (1000ltrs = 1000kgs) without the possibility of cracking or sheering and ultimately presenting an uneven surface to the bottom of the tank which could ultimately result in its failure. **This occurrence will not be covered by warranty.**

3. Tank Installation:

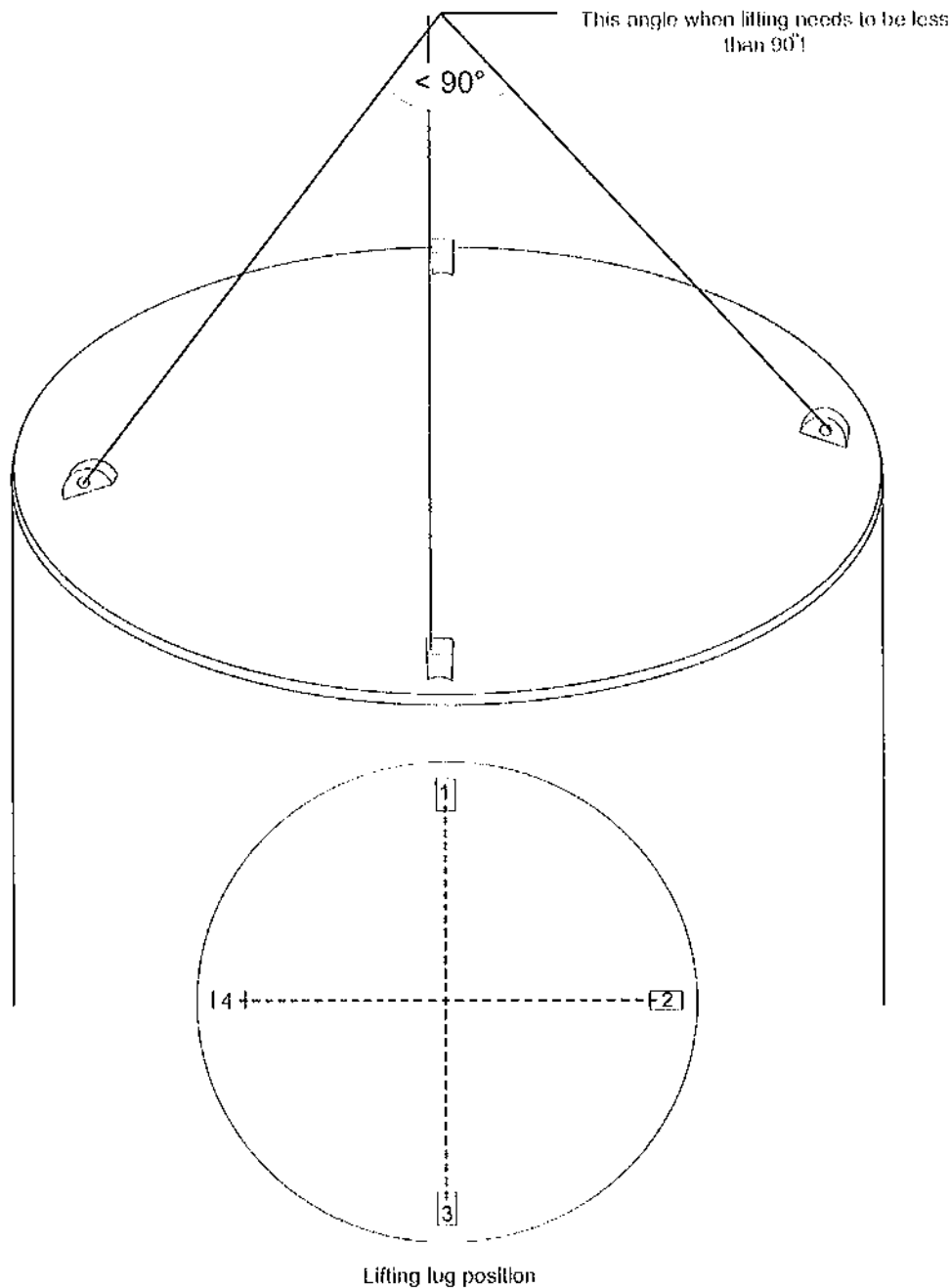
Once the tank has been carefully placed in position without disturbing the compacted sand base ensure that there are no visible gaps between the bedding sand and bottom of the tank – if so fill the gaps.

IMPORTANT:

When using lifting equipment ensure all tank lifting points are used with an angle of less than 90° at the apex of lifting ropes or chains. Always lift the tank empty. Failure to do so will cause damage and void the warranty.

(Refer drawing on next page)

Tanks must be empty prior to lifting. Occupational Safety and Health regulations must be used when lifting tanks. All 4 lifting lugs must be used with an angle of less than 90° at the apex



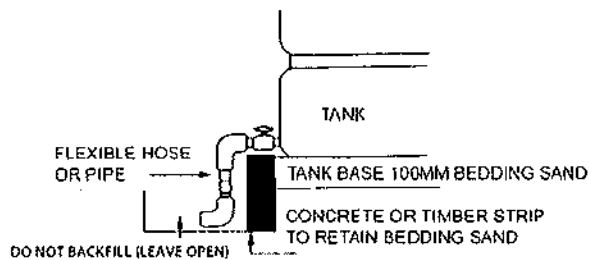
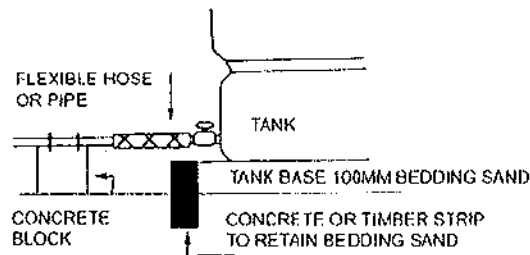
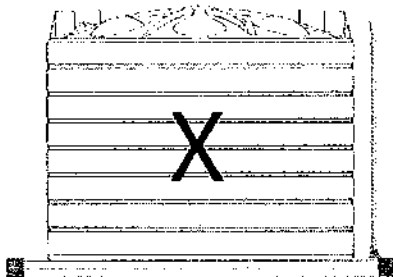
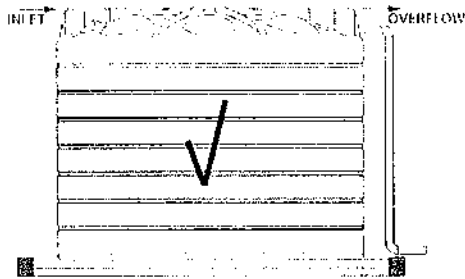
All tanks whether gravity-fed or pressure-fed through a ball valve, float, or other such system must be fitted with an overflow pipe, or pipes to equate to a size greater than 25mm diameter more than the inlet pipe(s) – a minimum of one overflow must be fitted for each inlet pipe. In all installations the overflow pipe(s) must be at a point lower than the inlet pipe(s) to allow the overflow to operate prior to the tank overflowing. **Failure to meet these requirements will void the warranty.**

All inlets and outlets must be cut out with a hole-saw in the designated areas (i.e. in either of the two manhole riser structures). All external pipework must be fully supported. Do not allow the weight of suspended pipework to rest on the wall or roof of the tank without being adequately supported. Do not allow the weight of any pipework to bear on the pre-threaded outlet without being adequately supported (refer instructions on outlet flexible hose). **Failure to meet these requirements will void the warranty.**

All overflow pipes must be plumbed to run water at least 300mm away from the contained base material area to where sand and soil are not likely to be eroded or undermined. **Failure to do so will void the warranty.**

Note: The mesh air vent fitted to the riser on AQ16000, AQ21000, AQ25200 and AQ31000 is **NOT** an overflow. Do not cut any holes or mount any fixture in the tank walls or domed roof other than the designated reinforced areas described above, without prior written approval from the manufacturer. All holes for inlets and overflows must be cut using correct tools (hole-saw). **Failure to do so will void the warranty.**

INLET AND OVERFLOW PIPES MUST BE PLACED IN RISERS ONLY
NOTE: INLET MUST BE HIGHER THAN OVERFLOW



4. Connecting the Tank Outlet:

BSPT (tapered) fittings must be used when connecting to the outlet. It is recommended that a thread sealing tape be used on all threads to avoid leaks and subsequent foundation erosion. Care must be taken when tightening all fittings – do not over tighten (over tightening of tapered thread fittings may result in stripped threads or undue expanded stress on the fittings and/or the tank material). Always secure the pre-threaded tank outlet fitting with a spanner when tightening other fittings into this aperture.

A section of flexible hose must be used between the tank outlet fitting and main feed line away from the tank. Ensure all above ground pipe work is supported level with outlet fitting as shown (refer diagrams below). If buried Alkathene pipe is to be used then a section of flexible pipe must be fitted immediately from the tank outlet before the main line is buried. Any pressure, loading, twisting or bending on the outlet pipe work or tank fitting area must be avoided and may result in tank failure. **This occurrence will not be covered by warranty.**

5. Safety:

Tanks, including domed roof areas are not designed to be walked on other than to enter the man hole entrance, regularly checking inlets, overflows, and breathers are clear of debris or to fit a water vane. Do not enter the tank if working alone. **Do not allow children to climb or play on tanks.** For safety reasons it is recommended that the lid is secured with the screw that is supplied to stop unauthorised entry to your tank

6. Ongoing Maintenance:

Should the foundation settle slightly when the tank is initially filled with water, and in many cases it will, polyethylene is sufficiently elastic to conform to the ground shape without damage to the tank. However erosion of the bedding sand from around the wall edges must be replaced and the cause of such erosion eliminated. **This could cause failure of the tank and void the warranty.**

Ensure overflow pipes and breather pipes never become restricted or blocked as excessive pressure build up in the tank could cause failure of the tank. (If you are situated in an area with excessive or extreme rainfall patterns additional overflow pipes and breathers are recommended to help relieve your tank in these instances. **Failure to meet these requirements will void the warranty.**

As part of your regular on-going maintenance programme check for any obvious signs of damage to the tank, foundation, and pipe work and attend to any repairs that may be necessary as quickly as possible. The majority of water tank failures are as a direct result of poor or incorrect installation and/or lack of regular maintenance. It is your responsibility to look after the product and to hold any warranty and purchase information in a safe place. In the event of a problem you will be asked to provide specific information and photographic evidence as part of a claim process. Failure to supply this information may compromise any claim.

7. Tank Use:

Your Aqua tank is designed for everyday use but in situations where your tank fills and empties on a regular basis such as irrigation or continual cycling it is recommended that an additional breather kit be fitted as failure to do so may void your warranty. An additional Breather Kit is available from your Aqua Tank agent or directly from the manufacturer (0800 370 007). This is also recommended for tanks that have larger than standard outlets ie greater than 50mm (2")

000012

26 February 2015

12 MAR 2015
SW

Kapiti Coast District Council
Rimu Road
Paraparaumu

Re – Notice of written approval

To whom it may concern,

We the undersigned are the current owners of 16 Watson Drive, Paraparaumu. We understand that Judith Atkinson has purchased a house to relocate onto the property at 200b Manly Street.

We are aware that the current Kapiti Coast District Plan does not permit building within 3 metres of a rear boundary, and that this relocated house will be approximately 1.7 metres from the rear boundary of 200b Manly Street, which borders our property at 16 Watson Drive.

By signing this letter and the accompanying plans, we give permission for the house to be situated ~~approximately~~ 1.7 metres from the sites rear boundary.

no less than

LB MB

Name: *Leslie Brimblecombe*

Name: *Patricia Brimblecombe*

Signed:

LB

Signed:

PAB

Date: *7/3/2015*

Date: *7/3/2015*

000011

A D
N Z
ARCHITECTURAL
DESIGNERS NZ

12 MAR 2015

Received by Kāpiti Coast District Council at Paraparaumu	
12 MAR 2015	
By <u>Les A</u>	Time <u>11.52</u>

Memorandum from licensed building practitioner: Memorandum of Design Section 45 and section 30c, Building Act 2004

Please fill in the form as fully and correctly as possible.

If there is insufficient room on the form for requested details, please continue on another sheet and attach the additional sheet(s) to this form.

THE BUILDING	
Street address: <u>200B MANLY STREET</u>	
Suburb:	
Town/City: <u>PARAPARAUMU</u>	Postcode: <u>5032</u>

THE OWNER(S)	
Name(s): <u>JUDITH ATKINSON</u>	
Mailing address: <u>6 PARK ROAD</u>	
Suburb:	PO Box/Private Bag:
Town/City: <u>PARAPARAUMU</u>	Postcode: <u>5032</u>
Phone number: <u>04 9023222</u>	Email address:

BASIS FOR PROVIDING THIS MEMORANDUM

I am providing this memorandum in my role as the: Please tick the option that applies

- sole designer of all of the RBW design outlined in this memorandum – I carried out all of the RBW design work myself – no other person will be providing any additional memoranda for the project
- lead designer who carried out some of the RBW design myself but also supervised other designers – this memorandum covers their RBW design work as well as mine, and no other person will be providing any additional memoranda for the project
- lead designer for all but specific elements of RBW – this memorandum only covers the RBW design work that I carried out or supervised and the other designers will provide their own memorandum relating to their specific RBW design
- specialist designer who carried out specific elements of RBW design work as outlined in this memorandum – other designers will be providing a memorandum covering the remaining RBW design work

IDENTIFICATION OF DESIGN WORK THAT IS RESTRICTED BUILDING WORK (RBW)

Michael Robertson carried out / ~~supervised~~ the following design work that is restricted building work

RAILWAY STRUCTURES

Design work related RBW	Description of RBW	Carried out or supervised	References, compliance and applications
Tick <input checked="" type="checkbox"/> If included Cross <input checked="" type="checkbox"/> If excluded	If appropriate, provide details of the RBW	Tick <input checked="" type="checkbox"/> whether you carried out this design work or supervised someone else carrying out this design work	If appropriate, specify references
All RBW design work relating to BI <input type="radio"/>	ENGINEERED FOUNDATIONS	<input type="radio"/> Carried out <input type="radio"/> Supervised	
Foundations and subfloor framing <input checked="" type="radio"/>	REFER ENGINEER	<input type="radio"/> Carried out <input type="radio"/> Supervised	

Design work that is RBW	Description of RBW	Carried out or supervised	Reference to plans and specifications
Tick <input checked="" type="checkbox"/> if included. Cross <input checked="" type="checkbox"/> if excluded	If appropriate, provide details of the RBW	Tick <input checked="" type="checkbox"/> whether you carried out this design work or supervised someone else carrying out this design work	If appropriate, specify references
Walls	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Roof	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Columns and beams	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Other	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
EXTERNAL MOISTURE MANAGEMENT SYSTEMS (E2)			
All RBW design work relating to E2	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Damp proofing	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Roof cladding or roof cladding system	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	

Tick sign work that is RBW	Description of RBW	Carried out or supervised	References, drawings and specifications
Tick <input checked="" type="checkbox"/> if included. Cross <input checked="" type="checkbox"/> if excluded	If appropriate, provide details of the RBW	Tick <input checked="" type="checkbox"/> whether you carried out this design work or supervised someone else carrying out this design work	If appropriate, specify references
Ventilation system (for example, subfloor or cavity) <input checked="" type="checkbox"/> <input type="checkbox"/>	SUBFLOOR ON PILES	<input checked="" type="checkbox"/> Carried out <input type="checkbox"/> Supervised	FOUNDATION PLAN
Wall cladding or wall cladding system <input type="checkbox"/> <input checked="" type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Waterproofing <input type="checkbox"/> <input checked="" type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
Other <input type="checkbox"/> <input checked="" type="checkbox"/>		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised	
FIRE SAFETY SYSTEMS (C1-C6)			
Emergency warning systems Evacuation and fire service operation systems Suppression or control systems Other <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SMOKE DETECTORS	<input checked="" type="checkbox"/> Carried out <input type="checkbox"/> Supervised	FLOOR PLANS
Note: The design of fire safety systems is only restricted building work when it involves small-to-medium apartment buildings as defined by the Building (Definition of Restricted Building Work) Order 2011.			

WAIVERS AND MODIFICATIONS	
Waivers or modifications of the Building Code are required. <input type="radio"/> Yes <input checked="" type="radio"/> No	
If Yes, provide details of the waivers or modifications below:	
Clause	Waiver/modification required
List relevant clause numbers of building code	Specify nature of waiver or modification of building code required

ISSUED BY

Name and contact details of the licensed building practitioner who is licensed to carry out or supervise design work that is restricted building work.

Name: Michael Robertson

LBP or Registration number: 122320

The practitioner is a: Design LBP Registered architect Chartered professional engineer

Design Entity or Company (optional):

Mailing address (if different from below) 31 MICHAEL ROAD

Street address/Registered office:

Suburb:

Town/City: PARAPARAUMU

PO Box/Private Bag:

Postcode: 5082

Phone number:

Mobile: 027 2824589

After hours:

Fax:

Email address: mike.r@adarchitecture.nz

Website:

DECLARATION

Michael Robertson

LBP, state that I have applied the skill and care

reasonably required of a competent design professional in carrying out or supervising the Restricted Building Work (RBW) described in this form, and that based on this, I also state that the RBW:

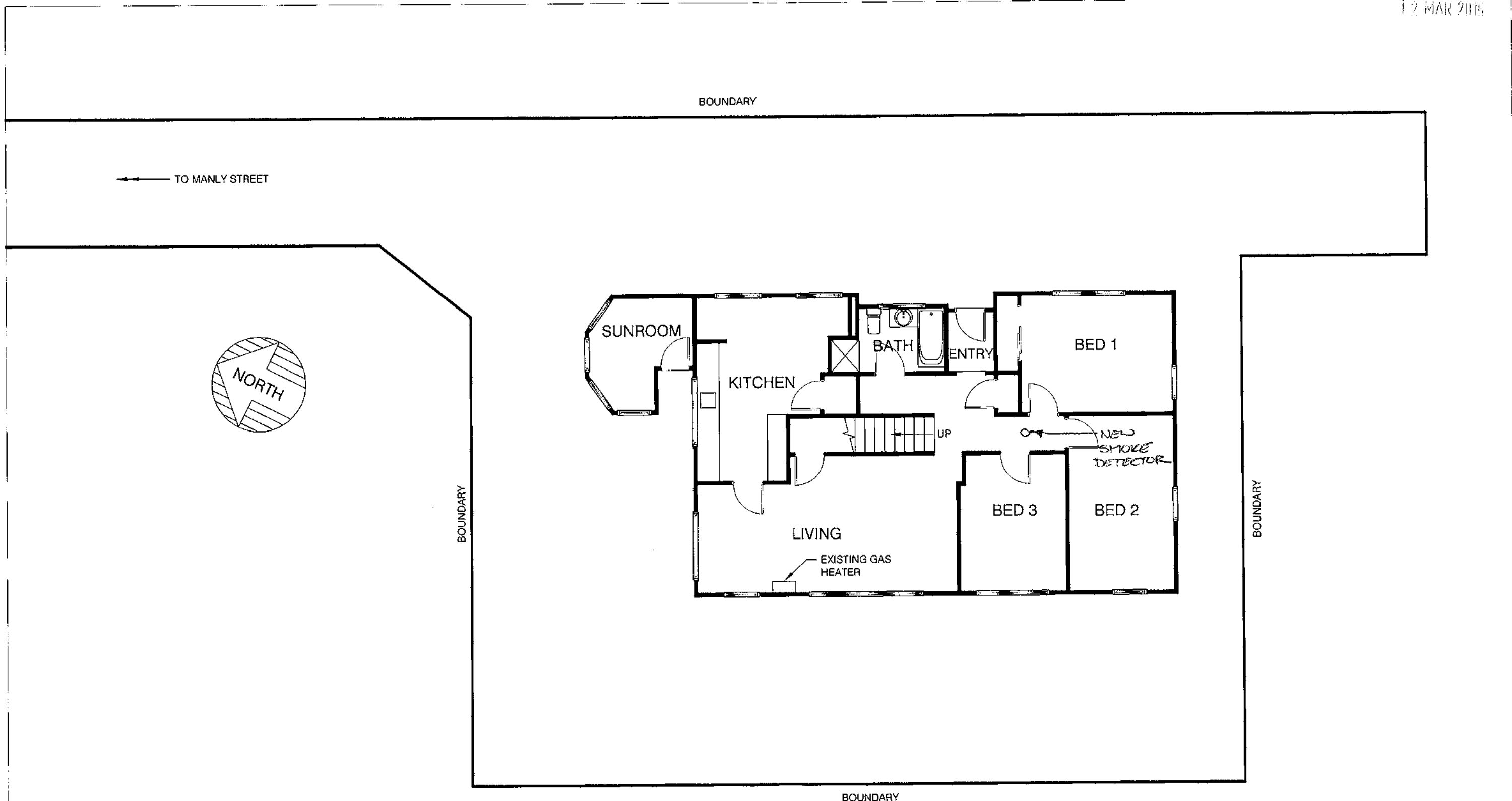
- Complies with the building code, or
- Complies with the building code subject to any waiver or modification of the building code recorded on this form

Signature:

Michael Robertson

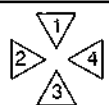
Date:

10/3/2015



Drainlayer/Plumber please provide a neat asbuilt plan to Council showing water sewer and stormwater.

ELEVATION KEY



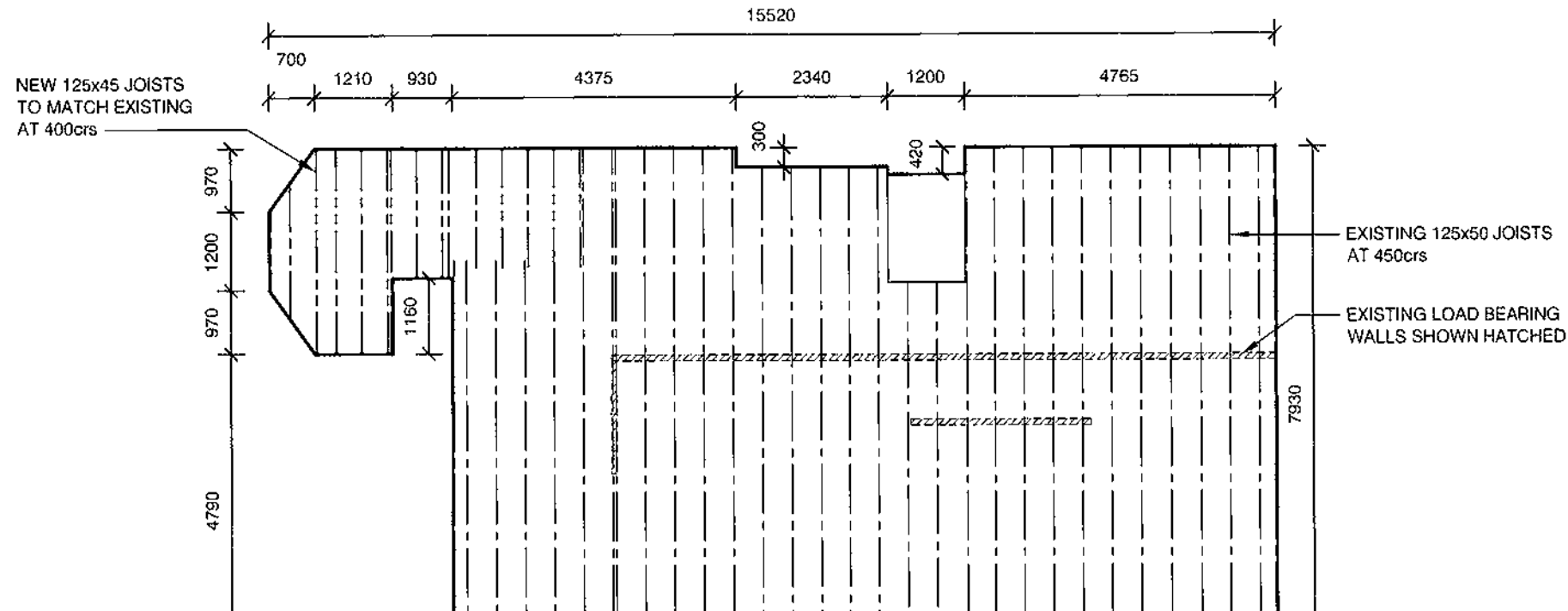
GROUND FLOOR PLAN

SCALE 1:100
FLOOR AREA = 107m sq

HOUSE RELOCATION
200B MANLY STREET
PARAPARAUMU

GROUND FLOOR PLAN

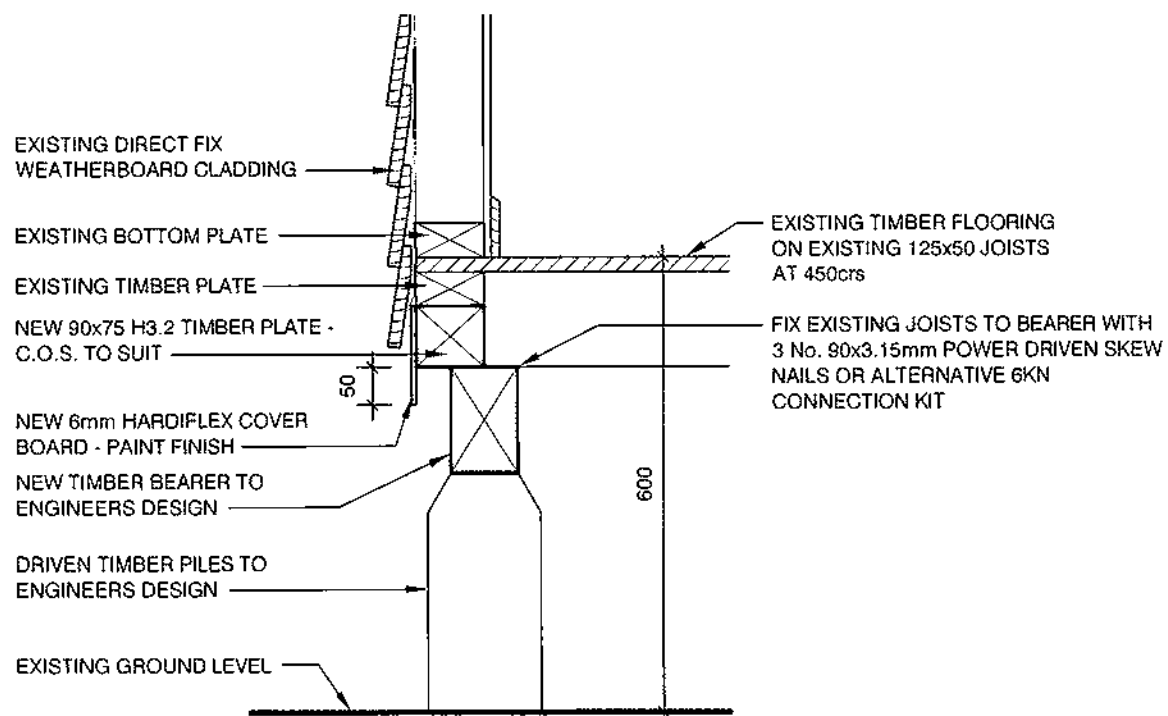
Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032	----	02



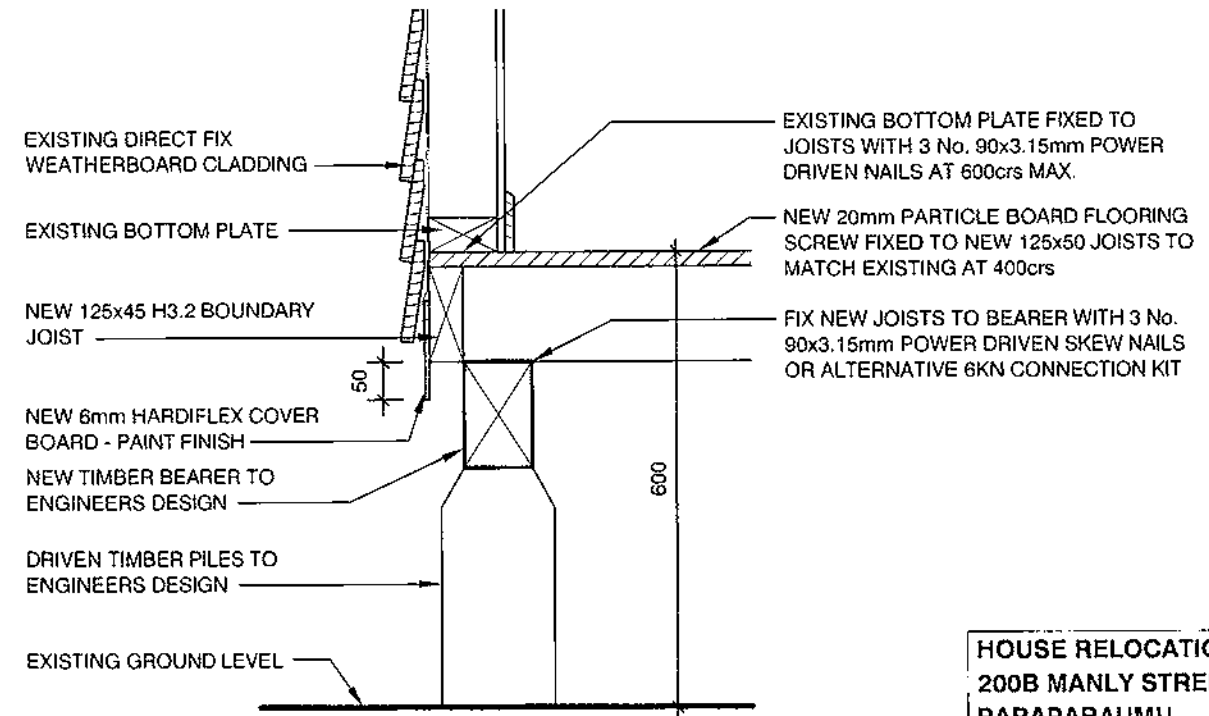
NOTES:
 DRIVEN PILES AND BEARER DESIGN BY ENGINEER
 SUB-FLOOR BRACING BY ENGINEER
 JOIST / BEARER / PILE CONNECTIONS TO ENGINEERS DESIGN

SUPERSEDED

FOUNDATION PLAN
 SCALE 1:100



FOUNDATION DETAIL - EXISTING JOISTS
 SCALE 1:10



FOUNDATION DETAIL - NEW JOISTS
 SCALE 1:10

HOUSE RELOCATION
 200B MANLY STREET
 PARAPARAUMU

FOUNDATION PLAN

Scale	Date	Job	Rev.	Sheet
1:100	MAR 2015	2032	----	06

17 MAR 2015

Water Demand Management Declaration of Compliance



This form is to be submitted with all applications for a Project Information Memorandum/Building Consent for new or relocated dwellings on land zoned residential.

Address: 200 B MANUK STREET
PAPARABAMU

Number of dwellings: 1

Building Consent Number: _____

(Office Use Only)

Water Demand Management solution

1. All dwellings the subject of this development will use one of the following water demand management solutions in accordance with the District Plan (please tick one box):

- Rainwater storage tanks with a total storage volume of not less than 10,000 litres (does not include air cavity between the lid and overflow), for each house in the development
- Rainwater storage tanks with a total storage volume of not less than 4,000 litres (does not include air cavity between the lid and overflow), for each house in the development, and a complying greywater diversion device
- The application is made with an alternative solution (note that resource consent will be required)
- The application is made without provision for water demand management (note that resource consent will be required)

2. For all applications where Water Demand Management will be provided:

a. Volume of rainwater storage tanks:

10,000 L.

b. I confirm all the following:

- That the rain water tank volume complies with selected water demand management option and have provided a **certificate from the manufacturer** demonstrating the tank volume
- That there will be no direct connection from the reticulated water supply to any outside taps
- That there will be a direct connection from the rainwater storage tanks to all internal toilet cisterns and any external taps
- That there will be no direct connection from the reticulated water supply to any toilet cistern
- I understand that the toby or manifold may have to be modified at my expense



I have completed KCDC Form 159: "Water Supply Connection / Alteration Application Form". An applicant is required to submit this form to KCDC Water & Wastewater Team if a new water connection or alteration of existing connection is required.

3. For applications where a Greywater Diversion Device is to be installed

a. Size of disposal field:

(Note that this needs to be marked on the site plan or the plumbing and drainage plan submitted to Council).

b. I confirm the following:

- That greywater will be collected from all laundry and bathroom drains (excluding toilets) and channelled to a greywater diversion device for use in outdoor irrigation.
- The greywater worksheet is attached and confirms that greywater diversion is suitable on the lot.
- That the device will be installed by an approved installer and that a certificate demonstrating this will be available to Council on request after installation.

Name: MIKE ROBERTSON

Signed: 

Date: 10/3/2015

Water Supply Connection / Alteration Application Form



This Form is to be used when applying for a new Water Supply Connection or when applying for an alteration to an existing Water Supply Connection. (To apply for a commercial fire service or fire sprinkler connection; please use Form 160).

This is a request for: *(tick as appropriate)*

- New Connection
- Alteration of existing connection
- Disconnection

Enquiries: Ph (04 296 4700)

Property Address to be supplied

200 B MANUK STREET, PARAPARAUMU

Date

10/3/2015

Agent Name for further enquiries concerning this application

Tick preferred method of contact

Agent: MIKE ROBERTSON

Phone: _____ Mob: 027 2824589

Email: mike.read@architecture.nz Fax: _____

Postal Address: 31 MICHAEL ROAD PARAPARAUMU

Application Made by: MIKE ROBERTSON
FIRST NAME SURNAME

Connection with Development (eg owner, Builder, Plumber): DESIGNER

Valuation Number

Lot Number

2

Owner Contact Details

Name: JUDITH ATKINSON
FIRST NAME SURNAME

Postal Address: 6 PARK ROAD
PARAPARAUMU

Email: _____

DP Number

83579

Confirm Name/Business to be Invoiced for Installation Work: (if Cost Estimate accepted)

As per Agent / Builder

As per Owner

Or Other as below:

Name: _____

Billing Address: _____

Phone: _____

Building Consent Number

Resource Consent Number

RM _____

Type of Development:

Tick all that apply

Subdivision Demolition Domestic Property Rural

Commercial (diam requested _____ mm)

Application Detail:

Is this property already supplied with Council water? Yes No

Type of connection/alteration required: (tick all that apply)

- Back Flow Prevention New Water Meter
 Existing Metered Supply Restricted Water Supply Swimming Pool
 Water Scheme Allocation Change Rain Water Tank Other _____

Description of Connection / Alteration Required:

EXISTING METERED SUPPLY FOR NEW HOUSE WITH RAIN WATER STORAGE TANK

Note: Attach a detailed (A4 size) site plan with this application showing existing water services and proposed new/ altered water services. Refer "Enclosed Site Plan", below.

Water Usage

Enter the number of water facilities the connection will supply for each water usage below:

Bath	<input type="text"/>	Toilet	<input type="text" value="1"/>	Laundry tub	<input type="text" value="1"/>
Shower	<input type="text" value="1"/>	Urinal	<input type="text"/>	Washing machine	<input type="text" value="1"/>
Basin	<input type="text" value="1"/>	Kitchen sink	<input type="text" value="1"/>	15mm hose tap	<input type="text"/>
		Dishwasher	<input type="text" value="1"/>	20mm hose tap	<input type="text" value="1"/>
Water storage tank capacity (litres)	<input type="text" value="10,000"/>	Booster pump capacity (litres)	<input type="text"/>	Booster pump pressure (kPa)	<input type="text"/>

Other: _____

I hereby acknowledge that this application is subject to the provisions covered under the current Kapiti Coast District Council General Bylaw (Water Supply).

Signed by the owner

Signature: _____

Name: _____

Date: _____

OR

Signed by the agent [on behalf of, or when authorised by, the owner]

Signature: Mike Robertson

Name: MIKE ROBERTSON

Date: 10/3/2015

Enclosed Site Plan

I have enclosed a detailed (A4 size) site plan with this application showing existing water services and proposed new/ altered water services.

(Note: an online aerial site plan can be downloaded from the council website: www.kapiticoast.govt.nz. Search Maps then choose Geographical Information System (GIS) under District Maps)

Return completed form to:
 Kapiti Coast District Council, 175 Rimu Road, Paraparaumu.

Privacy Information

The information you have provided on this form is required so that your water supply application can be processed by Kapiti Coast District Council. The Council collates statistics relating to applications. The Council stores application information on its internal registers which can be supplied to other parties, if approved by the council.

Under the Privacy Act 1993 you have the right to see and correct personal information the Council holds about you.

CODE COMPLIANCE CERTIFICATE REVIEW CHECKSHEET

Criteria: All building work except for minor works or major projects.
Refer QAS: B14, B15, B16



Address of Project: <i>200101, 200102, 200103, 200104, 200105, 200106, 200107, 200108, 200109, 200110, 200111, 200112, 200113, 200114, 200115, 200116, 200117, 200118, 200119, 200120, 200121, 200122, 200123, 200124, 200125, 200126, 200127, 200128, 200129, 200130, 200131, 200132, 200133, 200134, 200135, 200136, 200137, 200138, 200139, 200140, 200141, 200142, 200143, 200144, 200145, 200146, 200147, 200148, 200149, 200150, 200151, 200152, 200153, 200154, 200155, 200156, 200157, 200158, 200159, 200160, 200161, 200162, 200163, 200164, 200165, 200166, 200167, 200168, 200169, 200170, 200171, 200172, 200173, 200174, 200175, 200176, 200177, 200178, 200179, 200180, 200181, 200182, 200183, 200184, 200185, 200186, 200187, 200188, 200189, 200190, 200191, 200192, 200193, 200194, 200195, 200196, 200197, 200198, 200199, 200200</i>	
Date:	BC No: <i>101</i>

	N/A	Yes	No
Application for Code Compliance Certificate (Form 278) completed?	█		
Confirm all required inspections and been completed and passed	█		
If inspections have been missed, what supporting info and method of verification has been provided to compensate for missed inspections?			
Work in accordance with approved consent and approved amendments	█		
If no, has NTF been issued?			
Have items of non-compliance been resolved and NTF uplifted?			

Note: If work is not in accordance with consent, (and approved amendments) or NTF matters have not been resolved, suspend application for Code compliance Certificate.

Supporting documentation required in building consent addenda. Form completed during BC Approval process			
<i>Tick indicates yes, N/A indicates considered - but not applicable</i>	Req'd	Supplied	Accept
Copy of electrical certificate	✓		
Copy of gas certificate			
An "as-built" drainage plan	✓		
Plumbing (Form 125) for pressure test and installation piped services	✓		
Drainage (Form 126) for stormwater installation	✓		
Drainage (Form 127) for private sewer installation	✓		
A Construction Review (PS4) statement for Structural engineering	✓		
A Construction Review (PS4) statement for Fire engineering			
A Construction Review (PS4) statement for Geo-technical engineering			
Roof cladding warranty			
Solar water heating technical specifications			
Wall cladding/texture coating installation applicator warranty			
A copy of the lift certificate			
A certificate from the fire alarm installer			
A certificate from the sprinkler certifier			
A copy of wet-area membrane installers warranty			
A copy of deck membrane manufacturer's installers warranty/guarantee			
FPIS (verifier) Fire Systems Certification			
Specified Systems – Make - Model - Location			
A copy of windows			
A copy of water tank warranty	✓		
A copy of septic tank warranty			
Record of work			

If specified supporting documentation has not been provided, what alternative information or verification method has been provided to compensate. (describe):

Compliance Schedule	Yes	No
Is a new or amended compliance schedule required?		
If "Y" Has it been issued? (Refer note below)		
If the new/ revised compliance schedule has not been issued, what action has been taken to ensure it will be issued? Outline:		

Note: If the draft/ revised compliance schedule has not been issued, the Code Compliance Certificate cannot be issued. Suspend issuing CCC until this matter is addressed.

Building Consent Requirements	Yes	No
Are there any item specified in the building consent or PIM that have not been completed. Outline:		
Are there any development impact fees to be paid outstanding? (if Yes, CCC cannot be issued)	Yes	No
Are there any other outstanding fees? (if Yes, CCC cannot be issued)	Yes	No

Decision
Issue Code Compliance Certificate? <input type="checkbox"/> or Refuse Code Compliance Certificate? <input type="checkbox"/>
Give reasons for decision:

<i>Building officer:</i>	<i>Co-reviewer:</i>	
Signature:	Signature:	
Date:	Date:	
Name:	Name:	
Copies	Yes	No
File: Compliance Schedule, Compliance Schedule Statement, and CCC placed on file.		
Applicant: Copies of Compliance Schedule, Compliance Schedule Statement sent out with the CCC		
Inspection Pack: Add copies of Compliance Schedule, Compliance Schedule Statement and CCC		

VEHICLE CROSSING INSPECTION FORM

Building Consent: 130111

Date: _____

To: Building Inspectors

Owner: _____

Address: 200th Mairangi Street
Paraparaumu

Can you please inspect the above Vehicle Crossing, footpath and berm and return the completed form to me signed.

Thank you

Inspected by:	
Date Inspected:	
Approved:	<input type="checkbox"/> YES <input type="checkbox"/> NO

COMMENTS:

BUILDING CONSENT PROCESSING CHECKLIST



Proposal: 60 Koroheke Way 50810
 Address: 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000
Residential

BC: Residential
 Category:
 Residential Commercial

Key	
N/A <input type="checkbox"/>	Not Applicable to this application. (The deletion of whole sections as N/A is permitted. For alternatives comment below each section).
No <input type="checkbox"/>	Plans, specifications & documentation not complying with the Building Code &/or Bld Act (The reason specified alongside each prompt)
Yes <input type="checkbox"/>	Plans, specifications & documentation complying with Category Bld Code &/or Bld Act (The reason specified alongside each prompt)
Note	The further information requests are identified by hand written numbers and corresponding on FIR letters / e-mails sent

Site Plan (NZS 3604 Sec 3.4, 4, 5 Code of B1, B2, E1, E2, F1 & F2 Sect. 72, 75 BA04)	
N/A No Yes	Comments
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Wind zone High V/ High Specific (GIS) Site specific (3604) <u>VERY HIGH WIND GIS</u>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Flooding / ponding hazards (GIS) <u>NO J 72 to be sent</u>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Slippage / fault line hazards (GIS)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Erosion, river & coastal hazards (GIS)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Subsidence / soft soil hazards (Site inspection notes) <u>SEE SITE NOTES</u>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Corrosion zone Zone D or Zone C <u>ZONE D1</u>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Soil contamination (F1 GIS)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Distances to boundaries / siting (District plan)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Floor levels / contours (E2/AS1 & NZS 3604 E1)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Two or More Allotments (Sec 75 - 83 Bld Act)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Noise / sound insulation (airport & highway)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	CT/221 notice reviewed
Additional Comments	

Design Work	
N/A No Yes	Comments
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Specific Design (Verified Online PS2, B1, B2, VM1)	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	PS1 Design Certificate (B1 B2 VM1)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	PS2 Peer Review (B1 B2 VM1)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Calculations (VM1)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	CPEng (Verified Online) <u>Peter Bolton SC170</u>
Other Design	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Certificates of Design work
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Declaration of owner-builder
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	LBP / Architect registration number <u>Michael Roberts 122320</u>
Additional Comments	

Concrete / Foundation Plan (NZS 3604, NZS 4210 & 4229 E2/AS1)

N/A No Yes

Comments

Layout

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Layout dimensions (NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Control joints (NZS 3604)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Slab thickening (NZS 3604, cl 7.5)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	

Section

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Depth & width (NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Reinforcement (NZS 3604;B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Plate fixings (NZS 3604;B2 cl 7.5)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	DPM (NZS 3604;B2)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Engineer design and Calcs (B1;B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Concrete strength (B1;B2 cl 4.8.2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Foundation wall tanking (B2, E2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	

Additional Comments

Timber/Subfloor (NZS3604 NZS 3602 & 3640, B1, B2)

N/A No Yes

Comments

Layout

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Layout dimensions	RFL
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Bearers details (B1;B2)	ENGINEER BEARER - ENGINEER
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Joist details (B1;B2)	125 x 45
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	

Section

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Foundation type/size (NZS 3604;B2)	Driven ISO 450
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Piles post sizes & treatment (NZS 3604;3602;3640;B2)	H/S
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Pile c/c (NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Fixing (NZS 3604;B2)	- RFL - 200x10
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Coatings(durability) (NZS3604 ;B2)	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Ventilation & Access to sub floor spaces (NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Alternative (specify reason)	ENGINEER

* If the addition is an upper storey show details on upgrading existing foundations, joints, piles, etc (may require Engineer design)

Additional Comments

Floor plans / layout (B1, B2, C1-4, D1, E3, F7, G1, G2, G12, G3, G9, G11, G13)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Room dimensions
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sectional lines
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Location of partitions
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	All designated spaces
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Lintels (NZS 3604:B2)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Beams (NZS 3604, B2 by engineer)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	(Point loads by engineer or preailer (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Smoke detectors (F7)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wet areas / WCs (D1, Table 2; B2)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kitchen (G3)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)
* Changes to existing work requires both an existing floor plan & a proposed floor plans. * Facility provided for washing utensils / food G3, Section 1.1 & Figure 1: * Preparation Area and Access to Facility Paragraphs 1.1.2 and 1.5	
Additional Comments	

Wall Framing (B1, B2, B3)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Identify engineering / Structural items/ portals (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	By preailer or to NZS 3604 (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fixing types (NZS 3604 B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stud c/c as per wind zone (NZS 3604 B1 B2) N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wall Cladding section
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stud heights of rooms (NZS 3604 B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)
Additional Comments	

Roof (NZS 3604, 3602 & 3640 B1, B2, E2, E2/AS1).

N/A No Yes

Comments

Trussed / by preailer or Framed roof (NZS 3604)	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fixing layout & details (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Correct layout (B1)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Max span (12m or Engineer) (B1) N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Purlin or batten c/c (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Rafters / Beams (B1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Ceiling joists, ceiling battens
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)
Roof cladding - Metal ; Profiled Metal; Masonry, Membranes (Code E2, E2/AS1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Pitch / profile / grade (E2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Underlay (E2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Flashings (E3;E2, B1 B2) N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Parapets (B1 E2 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Membrane Roofs and substrate (Code E2/AS1 B2)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Gutters, Barges & Fascias detail (Refer E2, section 8.3, cl 8.3.9)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)
Installation of profiled metal roof cladding shall be by trained installers, approved by the tile manufacturer or NZ agent. In some cases experienced builders undertake installation, refer E2, section 8.4, cl 8.4.2 'General'	
Additional Comments	

Claddings (Code B1 & B2 E2/AS1, Branz good practice Guides & Weather tightness Vol 12&3)

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Risk matrix Cavity or direct (E2/AS1)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Building wrap (E2/AS1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Brick Veneer (E2/AS1; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Timber Weatherboard (E2 Branz Timber Guide Vol 1&2; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stucco (B1 NZS 3604 Branz good practice guide; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Profiled Metal (E2 Metal Roofing Practice; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Plywood (E2; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fibre Cement W/b (E2; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Board & Batten (Branz good practice guide; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fibre Cement Sheet (E2; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Weathertightness details (E2; B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Bracing (NZS 3604 B1, B2, E3)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Subfloor bracing (B1 & NZS 3604)	ENGINEER
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wall bracing (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Roof bracing (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Bracing calculations (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Provide bracing plan layout (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Double top plate (if > 5m) (B1 & NZS 3604. Required where ceiling lining density is less than 600kg per m3 e.g. pinex)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Indicate dragon tie (if > 6m) (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Diaphragm ceilings (if > 7.5m) (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Check for distribution (B1 & NZS 3604)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Light & Ventilation B1 G4, Clause 1.2; G4, clause 1.3 G7, G9, F2

N/A No Yes

Comments

General		
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Vent 5% (G4)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Light 10% (G7)	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Electrical (G9)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Mechanical ventilation (G4)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Exterior space for awareness (G7)	
Glazing		
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Safety glass (F2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wind zone (B1. NZS 3604 NZS4223)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Visual manifestation (NZS 4223)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Insulation (BRANZ Home Insulation Guide, NZS 4218, AS/NZS 2918)

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Floor (H1)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wall (H1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Roof (H1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Windows / glazing (H1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Stairs / Landings / Handrails (D1, sec 4)

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stair tread & risers (D1)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Landing size (D1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Handrail (D1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Riser opening (min) where children (D1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Head Height (D1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Balustrading/guarding	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Stair type: Minor Private: Max rise 220mm/Min tread 220mm., Secondary Private: Max rise 200mm/Min tread 250mm, Main Private: Max rise 190mm/Min tread 280mm. (Main private includes exterior stairs)		
Additional Comments		

Decks / Balconies / Barriers (D1, F4 & NZS 3604, Section 6 & 7)

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Barrier & deck fixing durability (D1 B1 B2 F4)	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Top rails, balusters, bottom rails, palings (D1 B1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	If Engineer then calculations required (B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Max 3m height or Engineer (B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Deck joist sizes, grade, treatment, span & spacing (D1 B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Piles & bearers the correct grade, treatment, size, spacing & span (D1 B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Slip resistance (D1)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Appropriate waterproofing membrane (B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stringer size & connections (D1 B1 B2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Thresholds (D1 E2)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Fire (Residential) (NZBC F7; Cdoc)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Travel distances max 25m (C/AS1 T3.2)
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Smoke detectors (F7)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wood burners (F7)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Garage fire wall details (C7 (C7.10 C7.8)
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)
Additional Comments	

Swimming Pool & Fencing *Fencing of Swimming Pools Act 1987*

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Refer to Compliance for sign off	<i>N/A</i>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Specific Engineering Design	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Proprietary system/design	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Section/construction	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Pool backwash discharging the sewer	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fence height	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Gate(s) / door(s) open outward	

Ambiguity / Contradictions

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Manufacturers Specs	<i>N/A</i>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Engineer compared with Designer/Arch	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Any Other contradictions	
Additional Comments		

Alternative Solutions

Record assessment, decision and reasons for decisions below. Has the designer substantiated why they believe the proposal complies with the building code? Is there a determination on a similar proposal? Has corroborative evidence been provided (peer review, appraisal or determination)? Include reference to comparison with acceptable solutions, other documents / standards / best practice guides / publications, expert opinion, determinations, in-service history, product certification, professional judgment, building code objectives. Refer BRANZ Bulletin # 456 (Dec 2004). List any conditions / communications / actions:

(This area is currently blank, crossed out with a large diagonal line.)

This sheet relevant to plumbing & drainage only

N/A No Yes

Comments

General

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kitchen area (G3/AS1)
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Laundry
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Bathrooms
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Location of sanitary fixtures
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Plumbing layout
	Plumber's Reg no. Drainlayers Reg no.
Additional Comments	

Effluent Disposal Systems

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Engineering Site Investigation
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Design Specification & Producer Statement

The design criteria should include: Capacity based on bedroom numbers, Loading calculation, site evaluation, soil profile, site characteristics.

Additional Comments	connecting to town sewer
---------------------	--------------------------

Water Supplies

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	G12
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Town supply
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Private scheme
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Type & location
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)

Additional Comments	from town supply
---------------------	------------------

Sanitary Drainage

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	G13
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Layout
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Council availability or
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Septic tank design & calcs
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)

Additional Comments	
---------------------	--

Stormwater Drainage

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	E1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Layout
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Council availability
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)

Additional Comments	stormwater to be discharged to town sewer
---------------------	---

Sanitary Plumbing

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	G13
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Layout
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)

Additional Comments	
---------------------	--

Handwritten notes at the bottom of the page, including "Plumbing layout" and "Sanitary plumbing layout".

Accessibility (D1, G5, F8, NZS 4121)

N/A No Yes

Comments

<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Car parks	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Projections	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kerb ramps	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Footpaths / Ramps / Landings	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Entrances	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Public Facilities	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Lifts	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stairs	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Stair / ramp/ handrails	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Doorways / Doors / Corridors / Lobbies	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Controls	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Places of assembly / entertainment / Recreation	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Warning Systems	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Toilet Facilities / Laundering	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Food preparation / accommodation	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Signs	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Residential Accessibility (D1)	
Additional Comments		

Commercial Fire report (C/VM1, C/As1, C/AS2, C/A34, C/AS4, C/AS5, C/AS6, C/AS7, F6, F7, F8)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Risk Group	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fire cell separation /use of building	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Life rating FRR	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Property rating FRR	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Occupancy numbers	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Means of escape	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Travel distances	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	External walls/unprotected areas / Cladding properties	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fire resistance to supporting elements/floors/ walls	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Risks to/below escape routes	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fire safety systems	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Internal surface linings	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Signs	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Hazardous agents / materials / substances on site	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Referral to NZFS Fire Engineering unit	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Solid Waste (G15)

N/A No Yes

Comments

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Waste bin area	N/A
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Environmental health referral	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Alternative (specify reason)	
Additional Comments		

Change of Use – Sec 114: (Record decisions and basis for decisions – confirm whether sec 115 applies)		
Date:		
Alteration to Existing Building - Sec 112 (Record decisions and basis for decisions – confirm whether sec 118 applies and if so, has it been complied with?). List conditions / communications / actions:		
Date:	UB n/a	
	UB Alteration/ Foundation work to	
20/3/15	Found compl	✓
Hazards – Sec 71-74: (Record decisions and basis for decisions – see under "site plan above already done")		
Date:		
Compliance Schedule – Sec 100 - 107: (Record if new / amended compliance schedule required, and attach copy of replica compliance schedule. Ensure that note is recorded on building consent that new / amended compliance schedule will be issued).		
Date:		

<p><i>Note :- Refer to the associate code clause along side each prompt above for compliance or reason of decision</i></p> <p>Plan checked yet Unsatisfactory</p> <p>Refer to the official request for further information correspondence (letter, email or phone call) for final list of required information. For acceptance of returned information refer to addendum to form 436.</p> <p style="text-align: center;">Signature, name & date</p> <p>Bldg: <u>Atkinson, Alison Hattinell</u> <u>20 March 2015</u></p> <p>Plumbing:</p> <p>Fire:</p>	<p>I am satisfied on reasonable grounds that the provisions of the Building Code are met and the</p> <p>Building consent may be granted (refer Bld Act Sec 49(1))</p> <p>No Further Information Requests have been made.</p> <p style="text-align: center;">Signature, name & date</p> <p>_____</p> <p>Bldg: (for all pages except those listed below)</p> <p>Plumbing: Portion only (relevant NZBC clauses E1,G10,G11,G12,G13) (For pages 7 of 11 unless otherwise listed)</p> <p>Fire: (As listed on page 8 of 11)</p>
--	---

Addenda to Form 436
Allocation of work to approvals officer outside current competency

Building Category	Circle Appropriate Category	0	1	2	3
			(1)		

1) Authorised by Team Leader of delegate	Level of supervision required	Reason for decision
Name, Signature & date: <i>Shant Nopun</i> <i>30/3/15</i>	Coaching Mentoring Peer review on completion <i>Plan checked by</i> <i>Person checked by</i> <i>Jerry</i>	In training Vetting one level above competency Other
2) Approval Officer undertaking training	Record of Learning	Decision
Name, Signature & date: <i>J. L. [Signature]</i> <i>30/3/15</i>		I am satisfied on reasonable grounds that the provisions of the Building Code are met and the building consent may be granted (Refer Bld Act 49(1))
Current competency level Category 0, 1 or 2		
3) Coach / Mentor / Peer reviewer	Training needs identified	Comments
Name, Signature & date: <i>Shant Nopun</i> <i>30/3/15</i>	<i>2. The Assessment was missing a lot of stuff</i>	I am satisfied on reasonable grounds that the provisions of the Building Code are met and the building consent may be granted (Refer Bld Act 49(1))
Current competency level Category 1, 2 or 3		

- Allocation Notes**
- Categories of building are determined on receipt of application.
 - All applications are re assessed for the category and allocated to each appropriate Officer at the earliest opportunity and then placed in processing shelves accordingly.
 - Approvals staff are aware of their own competency level and check the allocation of work.
 - Approvals staff may select, for training purpose, a consent 1 (one) category higher than their current competency for the purpose of increasing their skill level provided they gain approval from the Team Leader Building Consent Approvals. Once approval is given the Team Leader Building Consent Approvals will arrange for the appropriate supervision and final peer review.

HAZARD ASSESSMENT

Must be completed where the presence of a natural hazard has been identified in the PIM or Property/Project Information. To be filled in by Building Control staff

Building Consent number: 150114

Address: 200B Manly Street, Paraparaumu

Is the building work a new building? Yes No

Minor Works Addition The lesser of 25% of original floor area or 30m² Total floor area increase: X m² or X % (document this)

If the building work is close to the limits above discuss with Team Leader

Major Works Addition

1. Does a natural hazard exist on this property? - see Section 71(3) Building Act 2004

Coastal erosion/bank erosion/subsidence/inundation (flooding/overland flow/storm surge/tidal effects/ponding/slippage) (state)

The natural hazard is inundation – ponding

A natural hazard occurs at the rear of the site, and is on the edge of the overall ponding

The maximum depth will be 100mm which will include the 300mm freeboard. Thus if the freeboard is taken off the ponding does not occur within the site

2. Is the land “likely to be subject to the natural hazard”?

Note: 1 in 100 year return period for flooding is likely

The Q100 both indicate ponding to the section. The section is likely to be subjected to ponding in a 1:100 event

The Q50 doesn't not show ponding on the site

3. Section 71(1) Assessment: Is the land on which the building work is to be carried out subject to that hazard or likely to accelerate, worsen, or result in a natural hazard on that land?

Is the work taking place on an urban or rural site? How close is the hazard area to the proposed building work?

The natural hazard is on a urban section

The proposed locatable is not near the ponding

The proposed house has a floor level is approx. 500mm above ground level

4. Will the building work accelerate, worsen, or result in a natural hazard on the land or any other property?

If no go to Question 7

Record the Council experts spoken to (e.g. infrastructure/storm water engineers) and their comments.

Yes/No?

No The ponding occurs within the horizontal restriction under the DP for no build.

After discussion the, the actual build site is not within the ponding area.

The proposed house has a floor level 500mm above ground level

5. If answer to question above is yes then consider whether the land, building work or other property is protected
Will damage to the land or other property being remediated? If no-building consent will be refused.

N/A

6. Section 72 assessment:

- If the answer to the first question is no and the second question is yes then section 72 will be satisfied and building consent can be issued but notice will be required on land title.
- If the answers are not as above building consent will be refused

Will work accelerate, worsen, or result in a natural hazard on this or any other property – Section 72(a)?

No -

Is this land subject to a natural hazard – Section 72(b)?

Yes- to a small area to the rear of the property which

Is it reasonable to grant a waiver or modification – Section 72(c)? yes

Letter sent Yes / No by: No

Invoice created: -

Section 72 sent to be registered: -

Assessed by: (Name) Alison Helliwell

Date: 26th March 2015

Signature: 

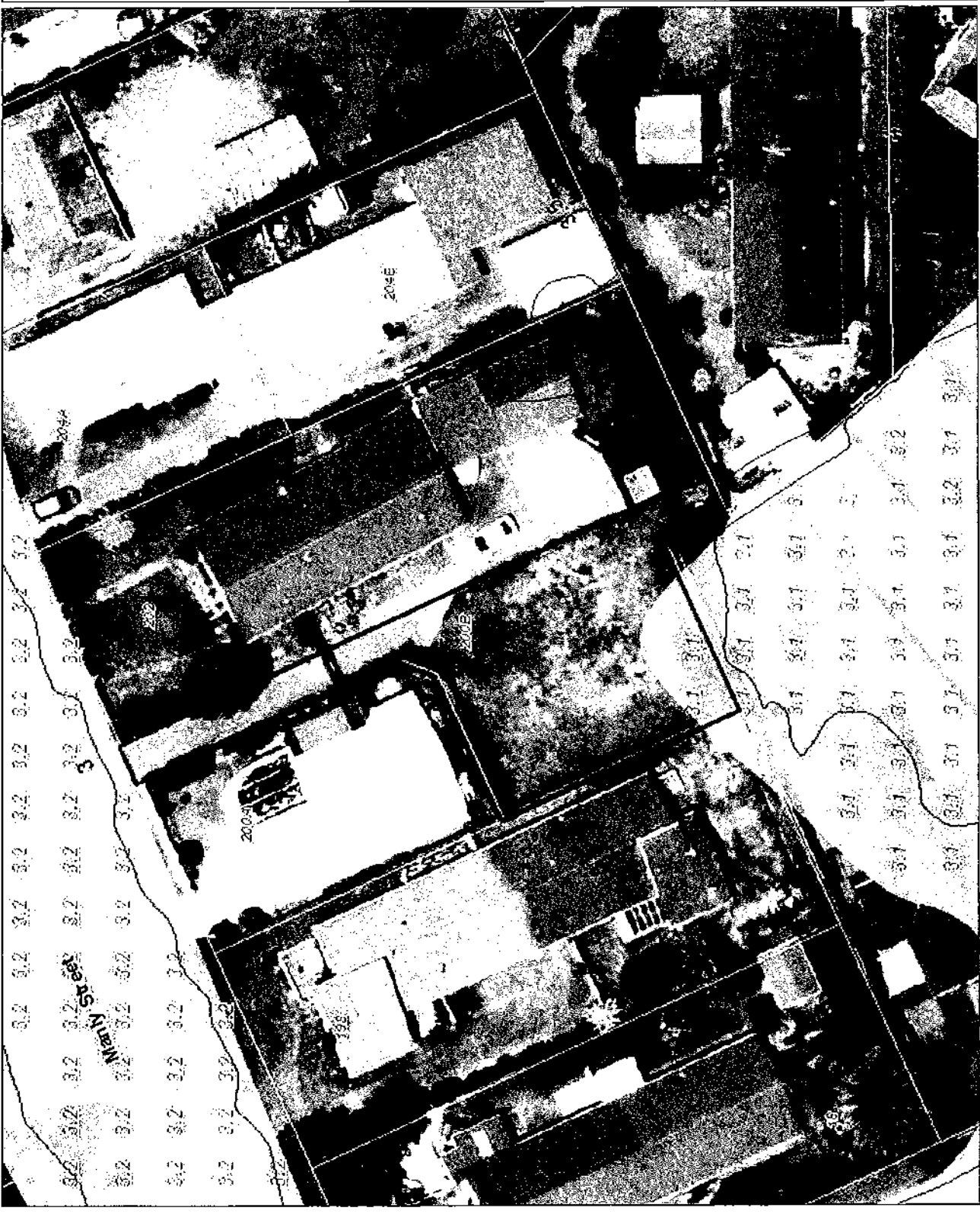
Co-reviewed by: (Name)

Clare Stevens

Date

26/3/15


Signature: 



Legend

- Parcel
- Contours 5m
- All Contours
- Subdivision Fill from March 2014
- RBLs
- GW Flood Extents
- KCDC Flood Extents

Kapiti Coast District Council accepts no responsibility for incomplete or inaccurate information combined on this map. Use of this website is subject to, and constitutes acceptance of the conditions set out in our disclaimer. This publication is copyright reserved by the Kapiti Coast District Council. Cadastral and Topographic information is derived from Land Information New Zealand. CROWN COPYRIGHT RESERVED.



Kapiti Coast
 DISTRICT COUNCIL
MAHIAPUA, NEW ZEALAND

SCALE 1: 424 @A4

Date Printed: 26-March-2015

Legend

Parcel

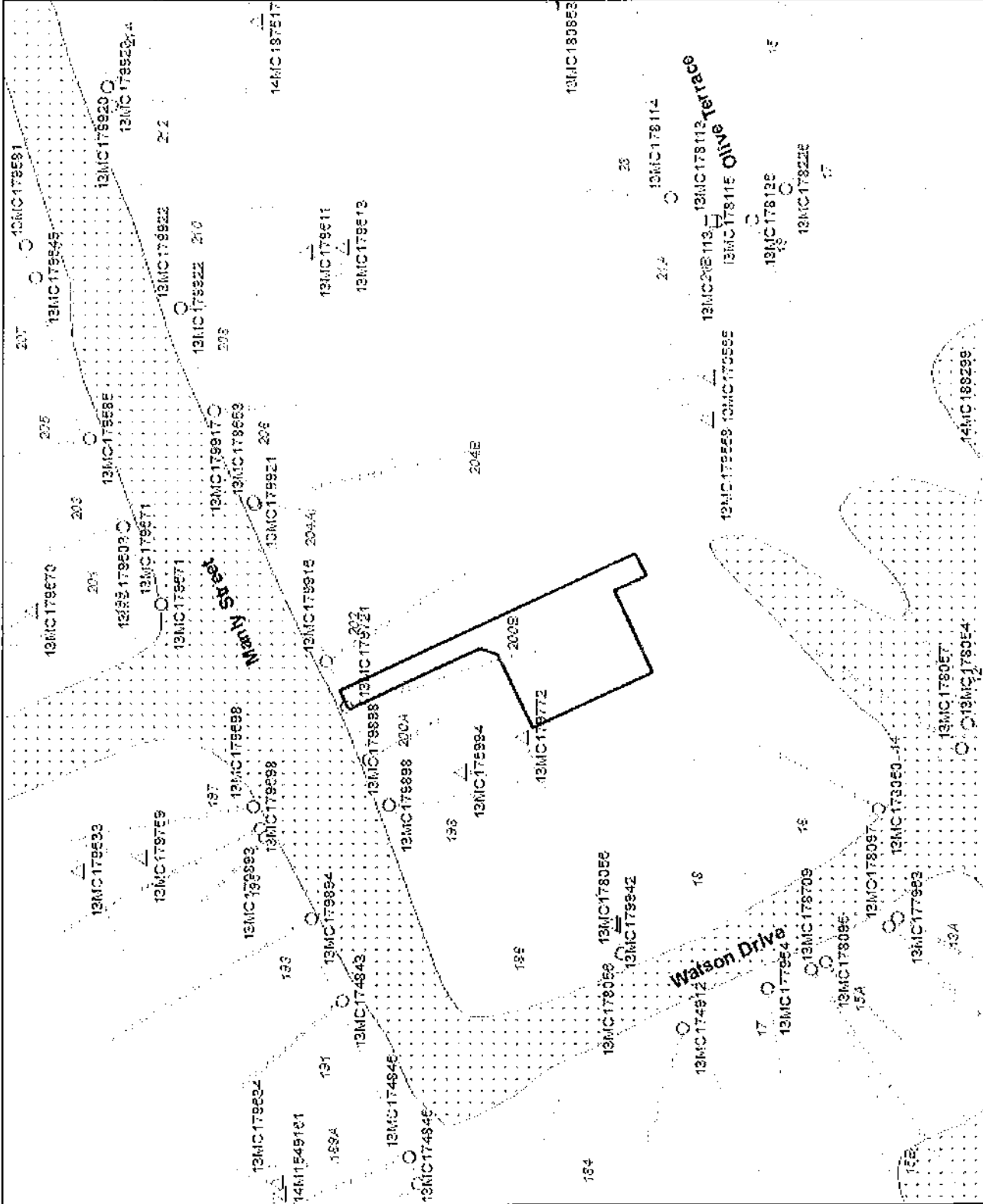
Water Meters

- C Primary meter
- L Check meter
- No Val Ref
- KCDC meter
- No Connection
- ✕ To be removed
- No Meter

Meter Property Link Line

- C
- P

Q50 draft1 9092014



Kapiti Coast District Council accepts no responsibility for incomplete or inaccurate information contained on this map. Use of this website is subject to the conditions of use set out in our disclaimer. This publication is copyright reserved by the Kapiti Coast District Council. Cadastral and Topographic information is derived from Land Information New Zealand. CROWN COPYRIGHT RESERVED.



