

PRODUCER STATEMENT – PS1 – DESIGN

(Guidance on use of Producer Statements (formerly page 2) is available at www.engineeringnz.org)

ISSUED BY: Design Station Limited

(Design Firm)

TO: KiwiSpan South Taranaki

(Owner/Developer)

TO BE SUPPLIED TO: South Taranaki District Council

(Building Consent Authority)

IN RESPECT OF: KiwiSpan Shed (DSL Reference: KS19823)

(Description of Building Work)

AT: 27 County Drive

(Address)

Town/City: Hawera

(Address)

LOT 42

DP 412125

SO

We have been engaged by the owner/developer referred to above to provide:

Structural design of the steel structure, foundations and floor slab

(Extent of Engagement)

services in respect of the requirements of Clause(s) **B1/VM1 & VM4, B2/AS1** 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 & VM4, B2/AS1** 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:

KiwiSpanNZ Arthur Brown Construction and numbered **1,5-9,F1,2,A20,21,41,91,B2,30,C10** 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 See attached Schedule to PS1

(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, Kerry McCollum

(Name of Design Professional)

am: ☒ CPEng 184622 #

☐ Reg Arch #

I am a member of: ☒ Engineering New Zealand ☐ NZIA and hold the following qualifications: **BE(Hons)**

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 BY: Kerry McCollum

(Name of Design Professional)

(Signature) Kerry McCollum

Digitally signed by Kerry McCollum
Date: 2021.09.24 12:50:50 +12'00'

ON BEHALF OF Design Station Limited

(Design Firm)

Date: 23/09/2021

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.*

This form is to accompany **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent.

THIS FORM AND ITS CONDITIONS ARE COPYRIGHT TO ACENZ, ENGINEERING NEW ZEALAND AND NZIA



23 September 2021
 JOB NUMBER: KS19823
 JOB NAME: ARTHUR BROWN CONSTRUCTION
 27 COUNTY DRIVE
 HAWERA
 LOT: 42 DP: 412125

SCHEDULE to PS1

1. Foundation Notes:

- Foundation ground improvements for Ribraft: RED JACKET, Ref: CAL-4104-01, Date: 25 November 2020.

The following specification is recommended:

- 1. Use 300mm thick hardfill raft.
- 2. Proof roll subgrade before laying AP65. Compacted AP65 Hardfill. Compact in 150mm layers. Top with crusher fines to produce smooth surface for damp proof membrane. Extend hardfill 1000mm beyond building footprint.
- 3. Suitably qualified engineer to inspect cleared subgrade and final compaction.
- Following from recommendations in above Geotech Report the foundations have been designed for an ultimate foundation bearing capacity of 135kPa at subgrade.
- Earthworks and Inspections as per above Document.
- The PS1 does not cover the suitability of the site, stability, sub-soil conditions, or any other Geotechnical information that may affect the foundation design.

2. Design has been based on the following site specific and/or building specific items:

- Building Importance Level = "1"
- Design Life for structural elements = 50 years
- Design Wind Speed = 37.3m/s (for design of the Building)(Wind Zone = "High") - in accordance with AS/NZS1170.2:2011
- Earthquake Zone = "1" in accordance with NZS3604:2011
- Corrosion Zone = "C" in accordance with NZS3604:2011

3. Weathertightness:

- The PS1 does not cover weathertightness.

4. Construction Monitoring:

- All building inspections to be carried out by the Territorial Authority – unless agreed with the owner/developer otherwise.
- Note: Design Station Ltd are not undertaking any construction monitoring – so are unable to provide a PS4 – Construction Review.

B2 COMPLIANCE

Compliance is shown on a material-by-material basis see below for compliance paths.

Structural Steel (B2/AS1 cl 3.6.1)

Life to first maintenance for Z450 Galvanized coating.

Surface-specific atmospheric corrosivity categories Appendix A. (Table 2 SNZ TS 3404:2018)

Building

External Exposed:C2, Expected Life to first maintenance = 36+ years

External Sheltered:C3, Expected Life to first maintenance = 12-36 years

Internal:C3, Expected Life to first maintenance = 12-36 years



Concrete (B2/AS1 cl 3.1.1)

Concrete covers have been selected in accordance with NZS 3101, Part 1, Section 3

Painting of Steel to Concrete Interfaces for Long-Term Durability

Additional Coating for Embedded Column / Concrete Interface (External).

(Refer to Altex Coatings Limited Specification)

Apply a band of Chem-Bar 3500 at 75um DFT (a good brushed or rolled coat) direct on to the galvanized coating after a degrease and light sand (refer to specification). The band of Chem-Bar 3500 shall extend a minimum of 50mm above and 100mm below the concrete interface for any exposed Embedded Column surface. Seal around the exposed Embedded Column / concrete interface with mastic sealant. Slope Concrete surface away from steelwork, wherever possible.

NOTE: Any damage to the galvanized coating shall be spot primed with Carbozinc 858 prior to coating with Chem-Bar 3500 (refer to specification for surface preparation).

Additional Coating for Column / Concrete Interface (External).

(Refer to Altex Coatings Limited Specification)

Apply to the underside and edges of steel plate with Chem-Bar 3500 at 75um DFT (a good brushed or rolled coat) direct on to the galvanized coating after a degrease and light sand (refer to specification). The Chem-Bar 3500 shall extend a minimum of 100mm in from the edges to the top face of the plate. Chamfer and place mastic bead when interface between steel and concrete is clearly visible.

NOTE: Any damage to the galvanized coating shall be spot primed with Carbozinc 858 prior to coating with Chem-Bar 3500 (refer to specification for surface preparation).

Limitation

This letter has been prepared solely for the benefit of KiwiSpan Ltd for building consent application. No liability is accepted by Design Station Ltd in respect of its use by any other person. Any other person who relies upon any matter contained in this letter does so entirely at their own risk.

Kerry McCollum (CPEng)

Design Station Ltd

(Part of the Donovan Group of Companies)



APPENDIX A - Extracts from SNZ TS 3404:2018

Table 2 – Surface-specific atmospheric corrosivity categories

Macroclimate corrosion category (from AS/NZS 2312.1:2014)	Typically	Location	Characterised by	Surface-specific atmospheric corrosivity				
				External			Internal	
				Exposed	Sheltered	Wet	Dry	Damp
C5-M	Within 200 metres of breaking surf on the west and south coasts of the South Island Within 100 metres of breaking surf on west and south coasts of the North Island Within 50 metres of breaking surf on all other coasts This environment may be extended inland by prevailing winds and local conditions	All coasts	Heavy salt deposits Almost constant smell of salt sea spray in the air	C5-M			C4	
C4	Within 500 metres inland of breaking surf Within 50 metres of calm salt water such as harbour foreshores This environment may be extended inland by prevailing winds and local conditions	All coasts	Medium salt deposits Frequent smell of salt sea spray in the air	C4	C5-M		C1	C3
C3	Within 20 km of breaking surf	West and south coasts of South Island	Minor salt deposits	C3	C5-M			
	Within 5 km of salt water	East coast of both islands, west and south coasts of North Island, and all harbours	Occasional smell of salt in the air		C4	C5-M		

Table 2 – Surface-specific atmospheric corrosivity categories (continued)

Macroclimate corrosion category (from AS/NZS 2312.1:2014)	Typically	Location	Characterised by	Surface-specific atmospheric corrosivity				
				External			Internal	
				Exposed	Sheltered	Wet	Dry	Damp
	More than 20 km to 50 km from salt water	West and south coasts of South Island		C2	C3	C4		
C2	More than 5 km to 50 km from salt water	East coast of both islands, west and south coasts of North Island, and all harbours	No marine influence	C2	C3	C4		C3
C2	Inland, more than 50 km from salt water	North and South Islands		C2		C3	C1	
See note 3	Close to geothermal source < 500 metres	Geothermal zone	Constant smell of hydrogen sulphide	See note 3				C4
-	Beyond 500 metres to geothermal source		Mild geothermal influence					C3

NOTE –

- (1) The atmospheric corrosivity categories given provide an indication of the environment corrosivity to assist in the selection of a suitable corrosion protection system; taking into account the macroclimate and where required microclimate effects.
- (2) For confirmation of a site-specific atmospheric corrosivity category (for example, for sites that are sheltered from marine influence by the local topography), then site-specific testing is required as described in HERA Report R4-133.
- (3) For areas in the geothermal zones, both the macroclimate and the surface-specific corrosivity categories are dependent on the level of geothermal activities and distance from the geothermal source. The corrosivity category could range up to CX with considerable variation; thus in those areas site-specific corrosivity assessment is recommended. For areas that are more than 500 metres beyond the geothermal source or boundary (such as Sulphur Bay, Rotorua), and that have been assessed using the smell test as having minimal or non-existent geothermal influence, the other corrosion zones or categories apply based on distance from the sea.



CERTIFICATE OF DESIGN WORK MEMORANDUM FROM LICENSED BUILDING PRACTITIONER



Section 300 and Section 45, Building Act 2004

The Building

Street address 27 County Drive

Suburb

Town/City HAWERA

Postcode

Building consent no.

The Owner

Name(s) Arthur Brown Construction

Email hawera@arthurbrown.co.nz

Phone 06-2785199

Address 108 Wilson Street - Hawrea

Basis for providing this memorandum

I am providing this memorandum in my role as the specialist designer who carried out or supervised specific Primary structure elements of restricted work (RBW) design work as described in this memorandum. Other designers will provide memoranda covering the remaining RBW design work. Refer to the attached PSI.

Identification of restricted building work (RBW) design work

I, Andrew Fraser, carried out or supervised the following RBW design work:

Primary structure: B1

Design work that is RBW	Description (as required) and reference to plans and specifications	Carried out or supervised
Foundations and subfloor framing	<input checked="" type="checkbox"/> Foundation ground improvements for rib raft floor as designed by others	Supervised
Retaining walls	<input type="checkbox"/>	.
Beams	<input type="checkbox"/>	.
Portal	<input type="checkbox"/>	.
Bracing	<input type="checkbox"/>	.
Other (primary)	<input type="checkbox"/>	.

Note: SED = Elements subject to Specific Engineering Design outside of the scope of NZS 3604:2011, unless otherwise noted

Initial: 

Date: 25 November 2020

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Waivers and modifications

Are waivers or modifications of the Building Code required? No

If yes, please provide details of the waivers or modifications:

Building Code Clause	Waiver/modification required
NA	NA

Issued by

Name	Andrew Fraser	Design entity/company	Red Jacket
Chartered status	CPEng	Chartered no.	96197
Email	info@redjacket.nz	Website	www.redjacket.nz
Phone (daytime)	06 759 0999	Phone (after hours)	
Mobile	027 257 9970		
Postal address	PO Box 904, New Plymouth, 4340		
Physical address	3 Davidson Street, New Plymouth		

Declaration

I, Andrew Fraser, LBP state that I have applied the skills and care reasonably required of a competent professional in carrying out or supervising the RBW described in this memorandum and that based on this, I certify that the RBW described in this memorandum:

- Complies with the Building Code; or
- Complies with the Building Code subject to any waiver or modification or the Building Code described in this memorandum.

Signature:



Date: 25 November 2020

**RESIDENTIAL BUILDING
27 COUNTY DRIVE
HAWERA**

STRUCTURAL CALCULATIONS

File Ref. CAL-4104-01

REV.	DATE	ISSUED FOR
A	25/11/2020	Issued for Building Consent

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Job Name:

27 COUNTY DRIVE HAWERA

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File Ref.

CAL-4104-01

Scope of Work

Structural design for ground improvements to support the residential garage on ribraft floor foundation

Basis of Design

- ☒ AS/NZS 1170 Loading Standard
- ☐ ~~NZS 3404 Steel Structures~~
- ☐ ~~NZS 3603 Timber Structures~~
- ☐ ~~NZS 3101 Concrete Structures~~
- ☐ ~~NZS 4320 Reinforced Concrete Masonry Structures~~
- ☒ NZS 3604 Timber-Framed Buildings
- ☒ B1/VM4
- ☐

References

- Arch Drawings by Mannor Build 27 October 2020
-

Job Title 27 COUNTY DRIVE - HAWERA.

- RESIDENTIAL GARAGE IS TO BE LOCATED ON GROUND WHICH DOESN'T MEET NZS3604 'GOOD GROUND' REQUIREMENTS
- IT IS PROPOSED TO INSTALL 200mm THICK HANUFILL RAFT UNDER THE SLAB TO SUPPORT RIBRAFT SLAB AND REDUCE BEARING PRESSURE ON SUBGRADE.

LOADS.

GARAGE FLOOR

$$G = 2.5 \text{ kPa}$$

$$G_{SOL} = 0.5 \text{ kPa}$$

$$Q = 2.5 \text{ kPa} \text{ \& } 13 \text{ kN}$$

- 13 kN point load will govern.

- ASSUME POINT LOAD WILL BEAR ON $2 \times 1.0 \text{m}$ OF RIBS $A_k = 2 \times 0.1 = 0.2 \text{ m}^2$.

- LOAD COMBINATIONS.

$$\begin{aligned} \text{ULS} &= 1.2G + 1.5Q = 1.2 \times 3 \text{ kPa} + 1.5 \times 13 \text{ kN} \\ &= 3.6 \text{ kPa} \times 0.2 \text{ m}^2 + 19.5 \text{ kN} \end{aligned}$$

$$= 23.1 \text{ kN}$$

$$\therefore \frac{23.1}{0.2 \text{ m}^2} = q_{\text{ULS}} = 116 \text{ kPa} \cdot \text{ULS}$$

$$\begin{aligned} \text{SLS} &= G + 0.4Q = 3.6 + 0.4 \times 13 \\ &= 8.8 \text{ kN} \\ &\quad \underline{0.2} \end{aligned}$$

$$q_{\text{SLS}} = 44 \text{ kPa}$$

Job Title 27 COUNTY DRIVE, HAWERA.

CURRENT SUBGRADE BEARING CAPACITY

FROM TST-4101-1 SCALA AVERAGE 75mm/BLOW.

REFER ALLOWABLE BEARING PRESSURE STOCKWELL NEXT PAGE.

$$\phi q_{ult} = \frac{3 \times 45 \text{ kPa}}{2} = 68 \text{ kPa}.$$

TRY 300 THICK LAP65 RAFT WITH 100 THK RIB $B=0.1$

$$\frac{q}{q_0} = 0.15 \quad \therefore q_{ult} \text{ AT SUBGRADE} = 116 \times 0.15 = 17.4 \text{ kPa} < \phi q_{ult}.$$

\therefore OK.

$$q_{ult} \text{ AT SUBGRADE} = 44 \times 0.15 = 6.6 \text{ kPa}.$$

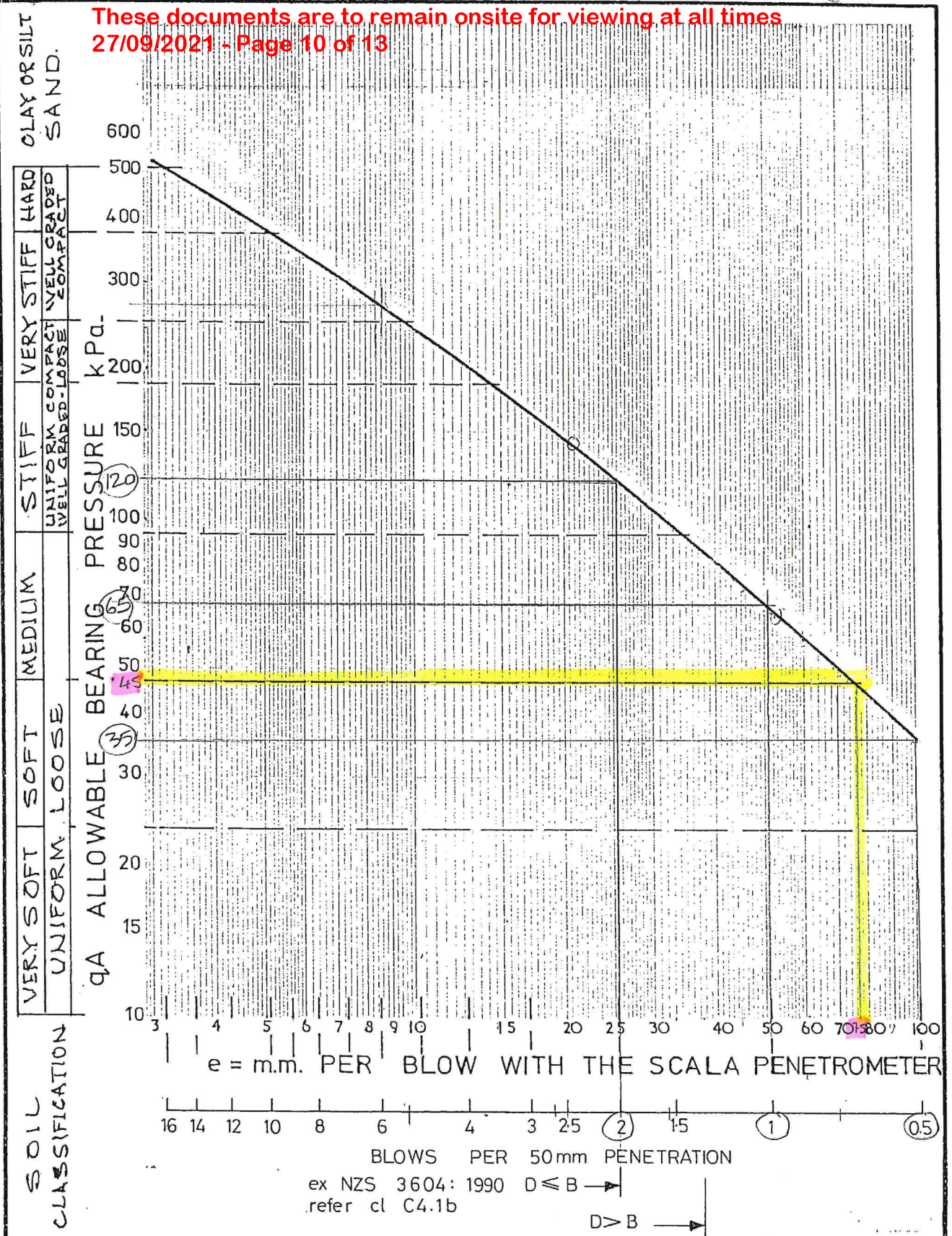
\therefore OK.

USE 300THK THRU-FILL RAFT.

- REFER MARKED UP PLANS ATTACHED.

- SUITABLY QUALIFIED ENGINEER TO INSPECT CLEARED SUBGRADE AND FINAL COMPACTION.

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redjacket
Consulting Engineers

Determination of allowable
bearing pressure under
small structures

ref. N.Z. Engineering 15 June 1977
M.J. Stockwell

Pg 4
125mm/BLOW
CBR 2/3.

~20 kPa
TYRE 100 kPa
OR 60 kN/0.1 m²
= 600 kPa
120 = 30
= 0.03
3B = 1.0 m.

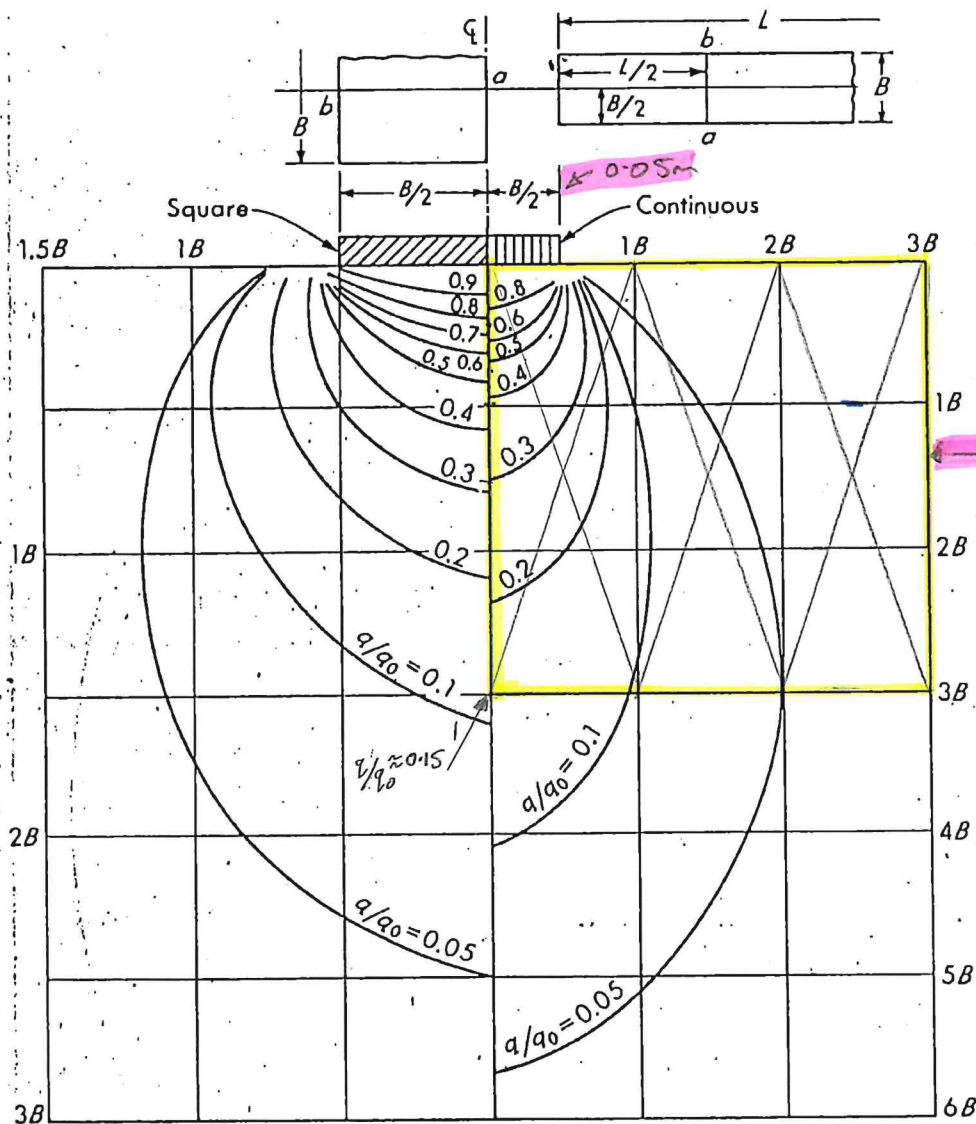


Figure 5-6. Pressure isobars based on the Westergaard equation for square and long continuous footings of dimension $B \times B$ or $B \times L$. Values for the continuous footings are at the point $L/2$ from the end. Chart constructed from Fig. 5-5 ($\mu = 0$). Applicable along line ab as shown.

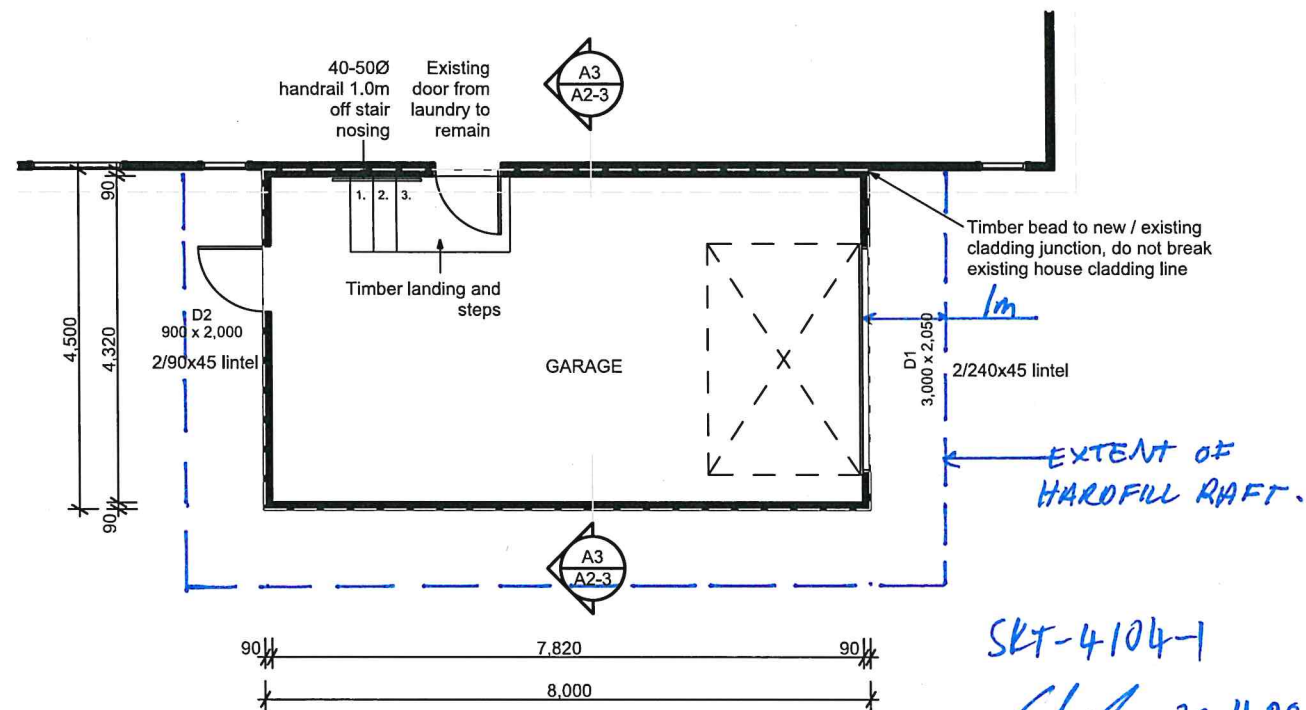
AB scale shown on the chart, and thus the chart includes only 160 of the 200 units used to establish the influence value.

Figure 5-6 is a set of isobars prepared from Fig. 5-5 to obtain stresses at a point beneath continuous and square foundations. Figure 5-5 may be used for round contact areas.

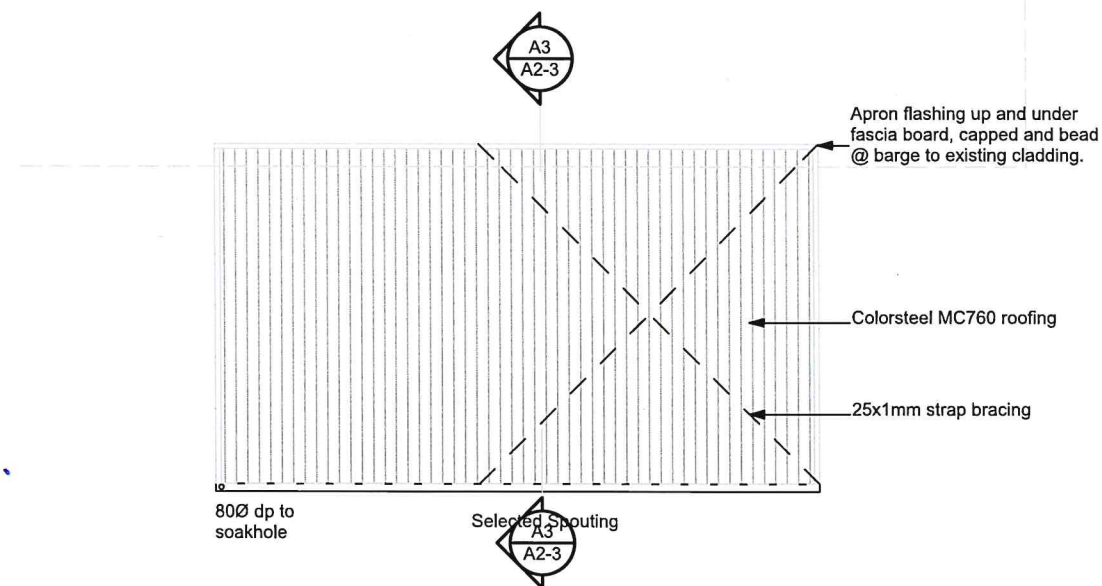
A numerical procedure may be used to solve Eq. (5-8) on the computer in a similar manner to the Boussinesq equation.

In comparing the Boussinesq and Westergaard methods for vertical stresses, one finds that

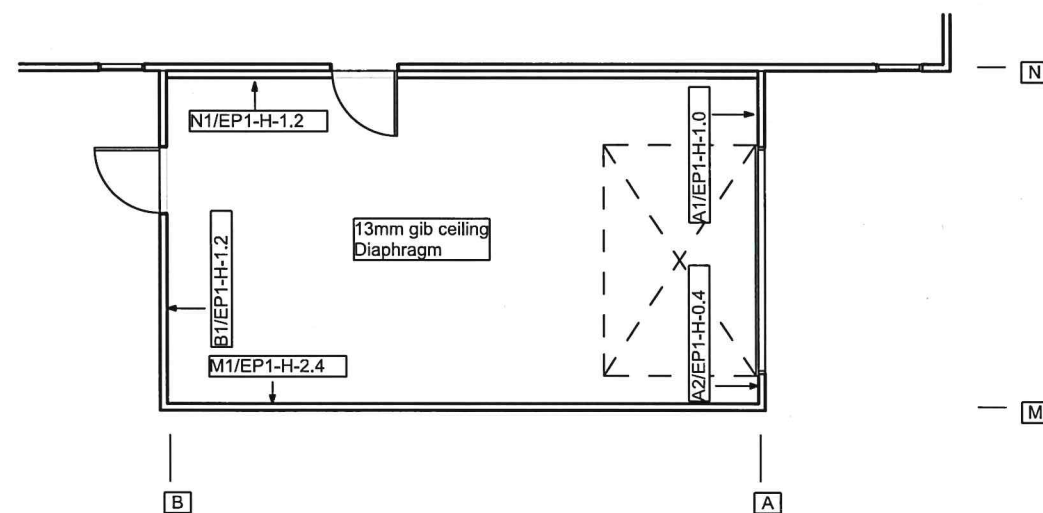
1. At small r/z (close to footing) the Boussinesq equation gives larger stress intensity.
2. At r/z about 1.8 both values are approximately equal.
3. At r/z greater than 1.8 the Westergaard equation gives larger stresses.



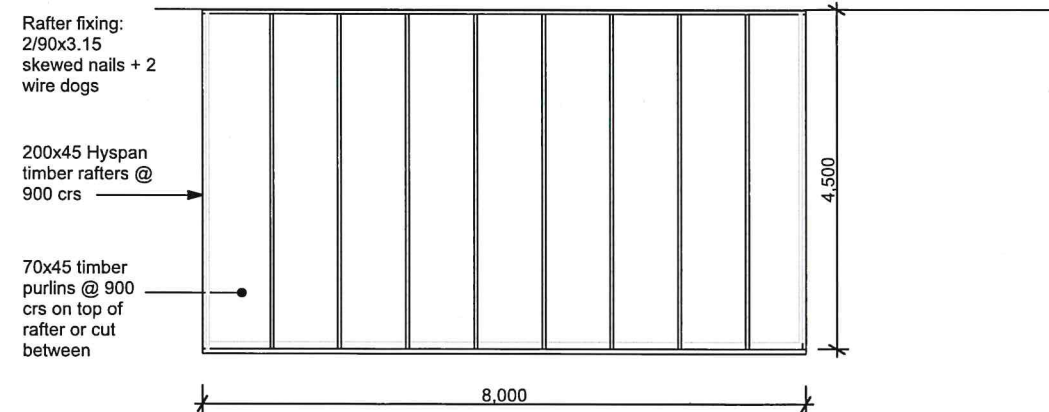
FLOOR PLAN
Scale 1:100



ROOF PLAN
Scale 1:100



BRACING PLAN
Scale 1:100



ROOF FRAMING PLAN
Scale 1:100



NEW PLYMOUTH
40 Ocean View Parade | New Plymouth
t: + 64 6 757 5842
FREECALL: 0800 MANORGROUP
www.manorbuild.co.nz | e: sales@manorbuild.co.nz

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#Notes

client:
LOWE

project:
RELOCATE PERMIT

design by: Manor Build

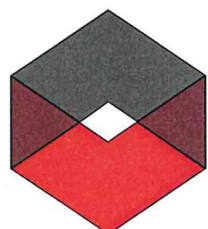
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date: 27/10/2020

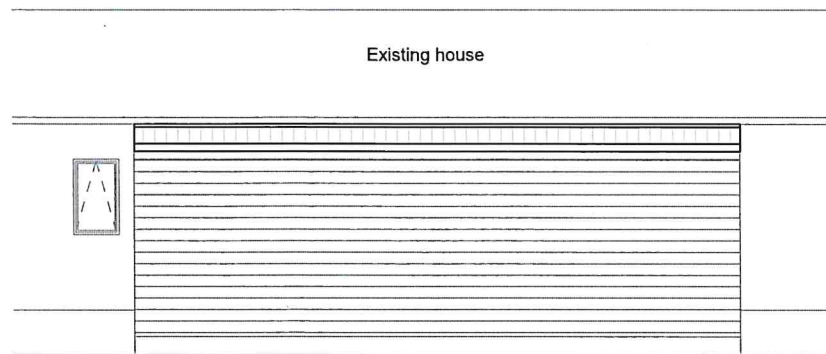
PLANS

job no:
MG181

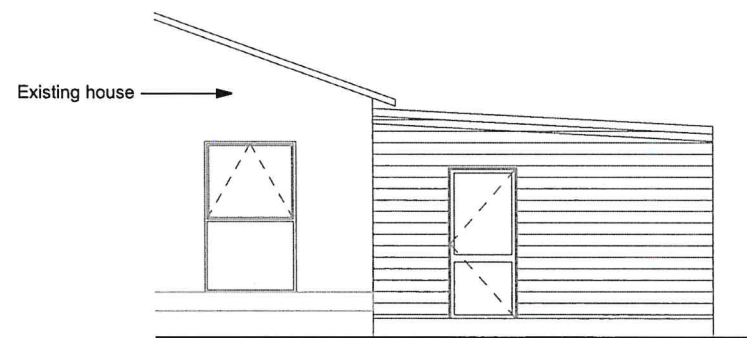
sheet no:
A2-2



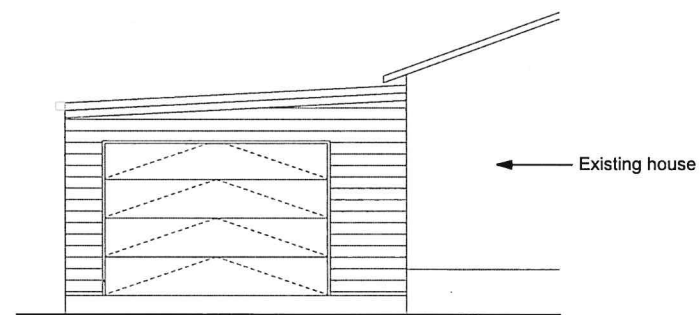
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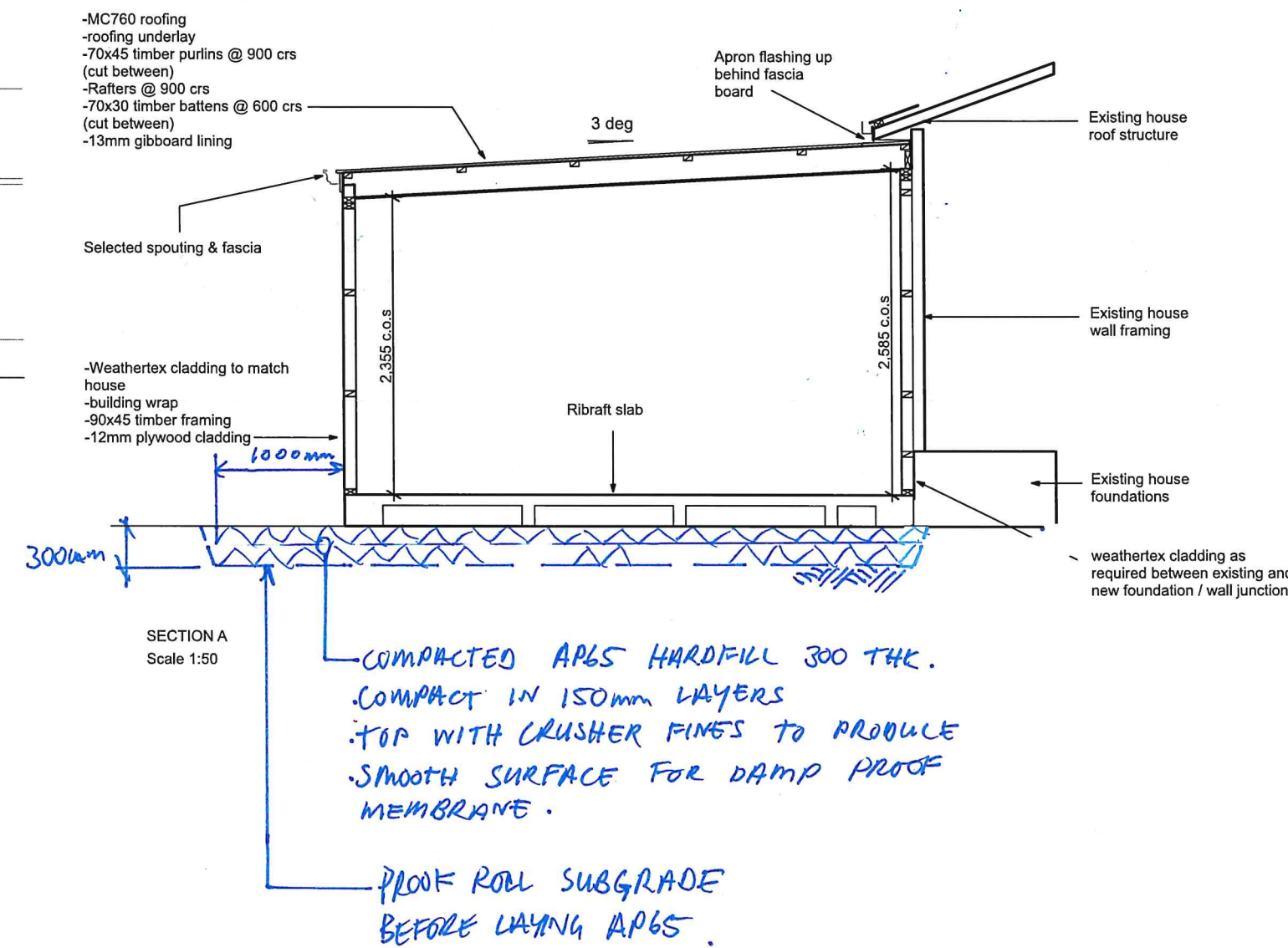
ELEVATION E1
Scale 1:100



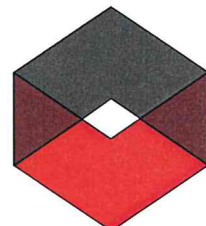
ELEVATION E2
Scale 1:100



ELEVATION E3
Scale 1:100



26.11.20 SKT-4104-1
ghl



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HOUSE NOT PART OF PERMIT



NEW PLYMOUTH
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#Notes

client:
LOWE

project:
RELOCATE PERMIT

design by: Manor Build

scale: As Noted

date: 27/10/2020

ELEVATIONS

job no: MG181	sheet no: A2-3
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SITE NOTICE

Consent No: **BC20/0394**
Applicant: **Central Housemovers**
Site Address: **27 County Drive, Hawera 4610**
Work Type: **Relocate New Dwelling**
Building Category: **R1**

Inspection Type: **Footing/Foundation/Slab**
Inspection Outcome: **Pass**
Inspected By: **Ivan Blom**
Inspection Date: **14 April 2022**

Passed Items

General

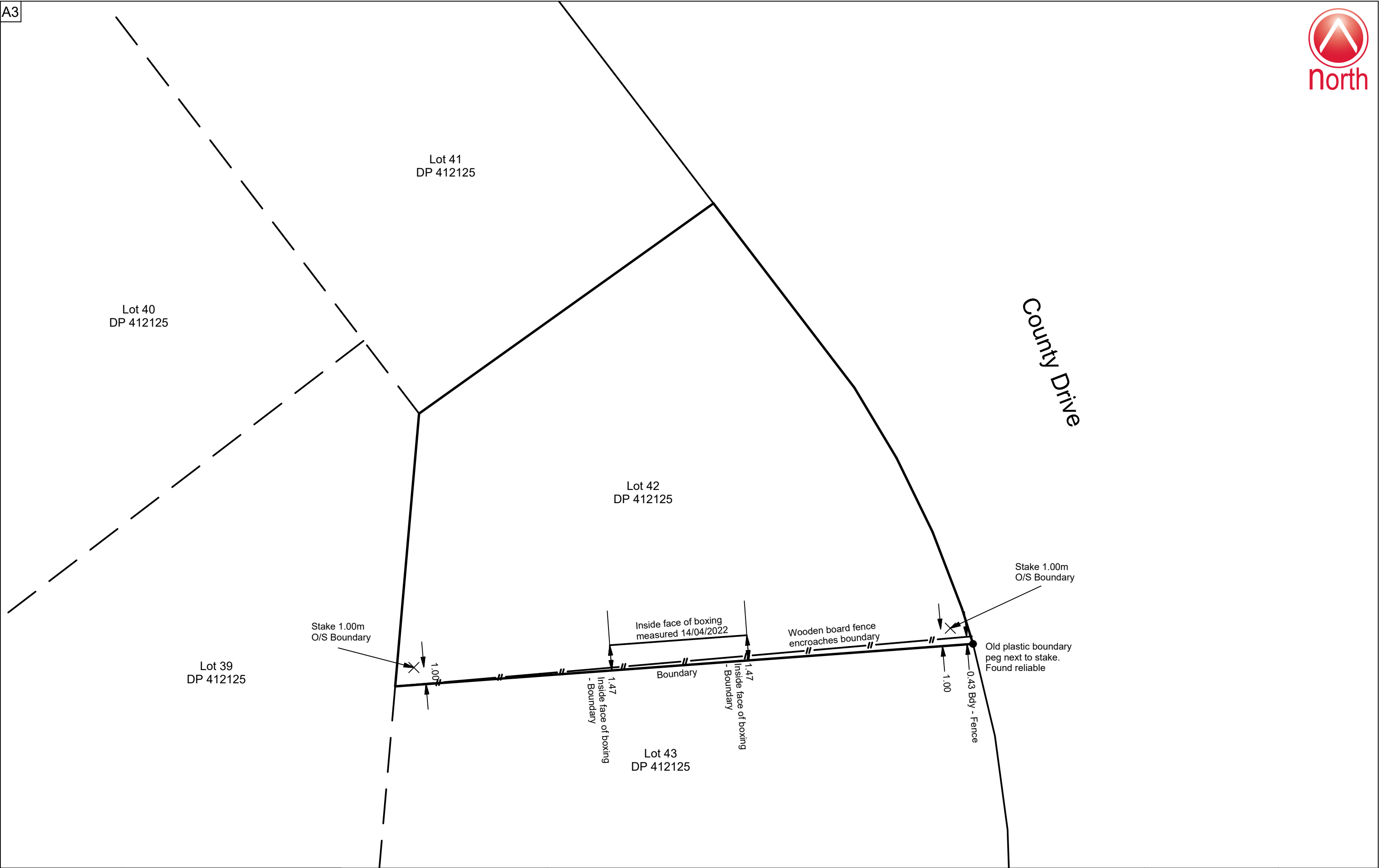
Siting confirmed

Garage is closer than 1500mm to boundary surveyor to confirm location

> Juffermans Surveyors have since confirmed distance to boundary and provided a surveyors site boundary identification drawing. This has been accepted with town planning discretion as okay by STDC planning manager.
Sitting updated to pass.

Final outcome

> Review of garage Sitting completed in STDC office. It was discovered that fence is not on boundary and Surveyor location plan has been accepted by STDC planning with discretion.
Inspection updated to Pass / Approved to place concrete



**JSL**
Juffermans Surveyors Ltd

79 Princes Street
PO Box 66, Hawera 4610
info@juffermans.co.nz

www.juffermans.co.nz



Client:	Hamish Scott
Site Address:	27 County Drive Hawera

Drawing Title:	SITE BOUNDARY IDENTIFICATION
----------------	------------------------------

Territorial Authority: STDC		Job No: 22065	
Comprised in: 445017		A3 Scale: 1:200	
Drawing No: 01		Date: 14/04/22	Rev: -

From: Jessica Sorensen
Sent: Thursday, 14 April 2022 3:50 pm
To: Ivan Blom
Cc: Planning
Subject: FW: Site Survey - 27 County Drive BC200394.02
Attachments: Scott Site Survey1.pdf

Hi team,

I am happy to apply my discretion other 3cm of non-compliance for this building consent. Can the records please be updated and Matt advised.

Ngā mihi,

Jessica Sorensen

Kaihautū Whakamahere Taiao | Planning and Development Manager

Te Kaunihera o Taranaki ki te Tonga | South Taranaki District Council

105-111 Albion St, Hāwera 4610 | Pūrangi Motuhake 902 | Private Bag 902, Hāwera 4640, NZ

Waea Kore Utu/Freephone: 0800 111 323 | Waea/Phone: +64 6 278 0555 | www.southtaranaki.com



From: Matt <Matt@abclimited.co.nz>
Sent: Thursday, 14 April 2022 3:47 pm
To: Jessica Sorensen <Jessica.Sorensen@STDC.govt.nz>
Subject: FW: Site Survey

CAUTION: This email originated from outside of STDC. Do not click links or open attachments unless you recognise the sender and know the content is safe.

fyi

Kind Regards

Matt Phillips, LBP
Managing Director

ABC Group
Construction - Aluminium - Joinery
108 Wilson Street
P.O. Box 266
Hawera



Phone 06 278 5199
Cell 021 743 790
E-mail matt@abclimited.co.nz

Website www.abcgroun.nz



ABC Group - Building on excellence since 1944

From: mark <mark@jsl.nz>

Sent: Thursday, 14 April 2022 1:37 pm

To: Matt <Matt@abclimited.co.nz>

Subject: FW: Site Survey

Hi Matt,

Please find the attached as discussed.

Cheers

Mark Laurence | Surveyor | Juffermans Surveyors Ltd | E mark@jsl.nz
Office Prospero Place | Stratford | Hawera 06 278 4135



From: mark

Sent: Thursday, 14 April 2022 12:25 pm

To: Hamish Scott <hamish@seselectrical.co.nz>

Subject: Site Survey

Hi Hamish,

Please find the attached.

I will call to discuss.

Cheers

Mark Laurence | Surveyor | Juffermans Surveyors Ltd | E mark@jsl.nz
Office Prospero Place | Stratford | Hawera 06 278 4135



This e-mail and any attachments may contain confidential and privileged information. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this e-mail and destroy any copies. Any dissemination or use of this information by a person other than the intended recipient is unauthorised and may be illegal. Please note that this communication does not designate an information system for the purposes of the Contract and Commercial Law Act 2017.



Building consent
number

Address

27 County Drive

Name of drainlayer

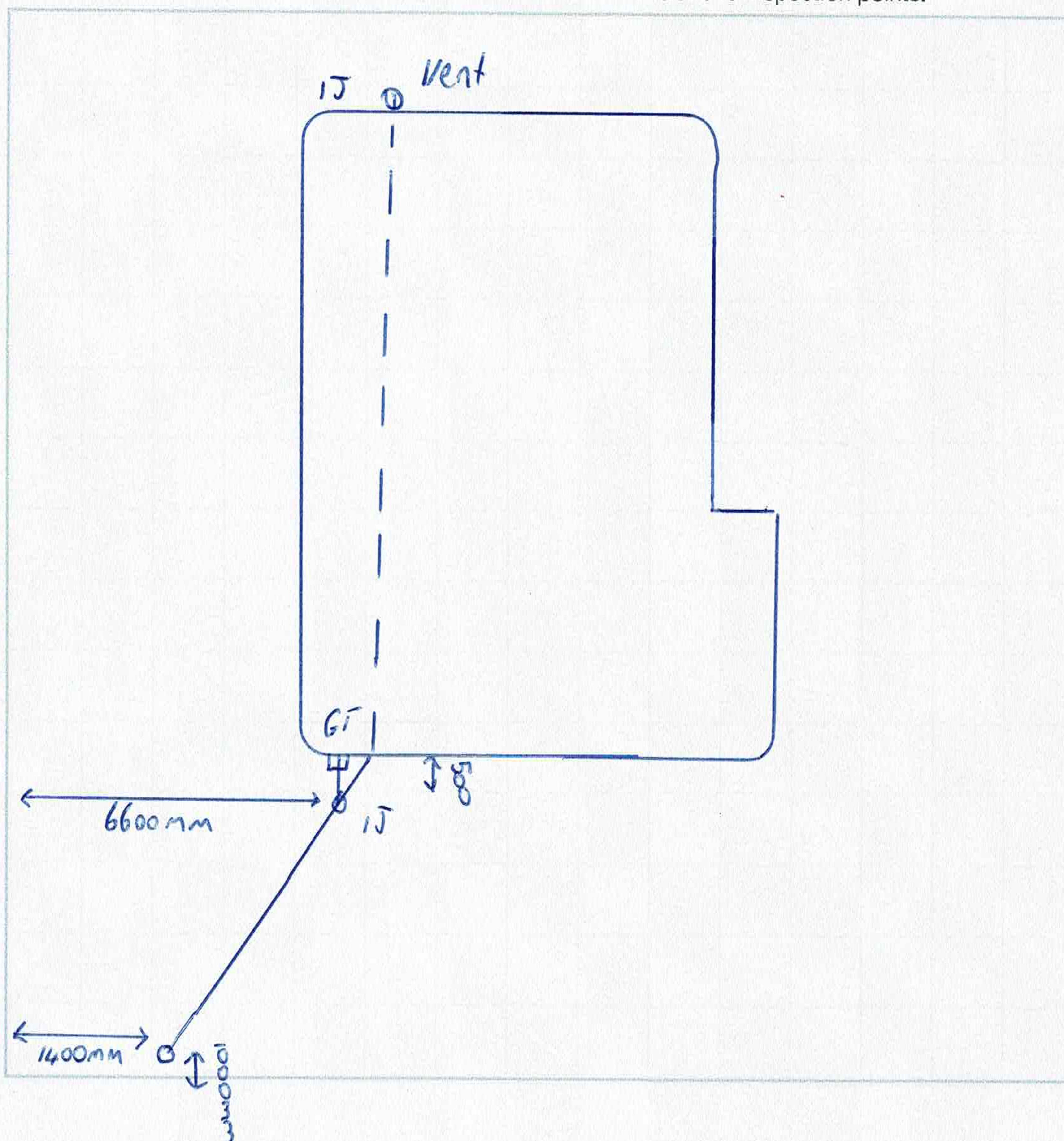
Aquacare Mark Anderson

Registration number

21562

Date

Please show terminal vent size, location, and all relevant dimensions to inspection points.



Specify system used:



G13/AS1



AS/NZS: 3500

Receipt by New Plymouth District Council of this record does not imply endorsement of its accuracy.

New Zealand Gas Safety Certificate



Customer Name

Mrs Stockman

Job Number

Mg 217 Job No-9045

Certificate ID

Job No-9045C2

Site Address

Street Address 27 Kounty Drive
Suburb Hawera
City, Postcode

Gas Certificate is for

☒ Whole
installation ☐ Parts

Connection Date

15/10/2020

Risk classification:

☐ Low-risk ☒ General ☐ High-risk

Description of gas fitting work carried out

Installer Name	Licence Number	Date	Description of work undertaken
Athol F	12777	7/10/2020	Installed infinity and wastes
Athol F	12777	9/10/2020	Shift pipework for infinity

Description of gas fittings to which this applies

Qty	Type	Location	Make and Model	Input Rate	Flue Type	Flue Location	Vent Type	Vent Location
1	Hot water heater	Side of home	Rinnai A26	199 mjhr	Balanced forced	Top front of unit		

Signature

☒ By signing this document I confirm that the work described in this certificate complies with the building code for the purpose of Section 19(1)(e) of the Building Act 2004.

☒ By signing this document I confirm that the work described in this certificate and the installation or part installation is connected to a gas supply and is safe to use.

Certifier Name **Mark**

Licence Number **21562**

Certificate Issue Date **20/6/2023**

Signature



ELECTRICAL CERTIFICATE OF COMPLIANCE

REFERENCE/CERTIFICATE ID No.:

SES-1507C2

This form has been designed to be used by licensed electrical workers to certify that installations or Part installations under **Part 1** or **Part 2** of AS/NZS 3000 are safe to be connected to the specified system of electrical supply.

Location Details:

27 County Drive, Hawera, 4610

Contact Details:

(Name and address)

Raewyn Stockman

Name of Electrical worker:

Hamish Scott

Registration/Practising licence number:

258943

Phone & email:

hamish@seselectrical.co.nz, 0273232020

Name and registration number of person(s) supervised:

Certificate of Compliance

Type of work:

☐ Addition

☐ Alteration

☒ New work

The prescribed electrical work is:

☐ Low risk

☐ General

☒ High-risk (Specify):

Mains work

Means of compliance:

☐ Part 1 of AS/NZS 3000

☒ Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required:

☒ No

☐ Yes (specify):

Date or range of dates that prescribed electrical work undertaken: 23/11/2020 to 23/11/2020

Contains fittings that are safe to connect to a power supply?

☒ Yes

☐ No

Specify type of supply system: 230v

The installation has an earthing system that is correctly rated (where applicable)

☒ Yes

☐ No

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

☒ All ☐ Parts (specify)

The work relies on manufacturers instructions:

☐ Yes

☒ No

If yes - identify the instruction manual including name, date and version. Also attach a copy of manufacturer's instructions to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work has been done in accordance with a certified design:

☐ Yes

☒ No

If yes - identify the certified design including name, date and version. Also attach a copy of the certified design to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work relies on a Supplier Declaration of Conformity (SDoC):

☒ Yes

☐ No

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify: Ja Russalls

Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

☐ No

☒ Yes

Description of Work:

Install 16mm single core n/s

Install main earth peg and cable back to main MEN point.

Test Results (provide values)

Polarity (Independent earth):	Yes
Insulation resistance:	999 Ohms
Earth Continuity:	.2 Ohms
Bonding:	.2 Ohms
Fault Loop impedance	- Ohms
Other (specify):	-

By signing this document I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifier's signature:

Date:

23/11/2020

CUSTOMER COPY - THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

(Guidance on use of Producer Statements (formerly page 2) is available at www.engineeringnz.org)

ISSUED BY:.....
(Construction Review Firm)

TO:.....
(Owner/Developer)

TO BE SUPPLIED TO:.....
(Building Consent Authority)

IN RESPECT OF:.....
(Description of Building Work)

AT:.....
(Address)

Town/City:..... LOT..... DP..... SO.....
(Address)

We have been engaged by
(Construction Review Firm)

To provide ☐ CM1 ☐ CM2 ☐ CM3 ☐ CM4 ☐ CM5 (Engineering Categories) or ☐ observation as per agreement with
owner/developer.....

or ☐ other services
(Extent of Engagement)

in respect of clause(s) of the Building Code for the building work described in

documents relating to Building Consent No. and those relating to

Building Consent Amendment(s) Nos. issued during the
course of the works. We have sighted these Building Consents and the conditions of attached to them.

Authorised instructions/variation(s) No. (copies attached)
or by the attached Schedule ☐ have been issued during the course of the works.

On the basis of ☐ this review ☐ these review(s) and information supplied by the contractor during the course of the works
and **on behalf of the firm** undertaking this Construction Review, **I believe on reasonable grounds** that
☐ All or ☐ Part only of the building works have been completed in accordance with the relevant requirements of the

Building Consent and Building Consent Amendments identified above, with respect to Clause(s).....
of the Building Code. I also believe on reasonable grounds that the persons who have undertaken this construction review have
the necessary competency to do so.

I, am: ☐ CPEng # ☐ Reg Arch #
(Name of Construction Review Professional)

I am a member of: ☐ Engineering New Zealand ☐ NZIA and hold the following qualifications
The Construction Review Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than
\$200,000*.

The Construction Review Firm is a member of ACENZ: ☐



SIGNED BY.....(Signature).....
(Name of Construction Review Professional)

ON BEHALF OF Date.....
(Construction Review Firm)

*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*.*

This form is to accompany **Forms 6 or 8 of the Building (Form) Regulations 2004** for the issue of a Code Compliance
Certificate.

THIS FORM AND ITS CONDITIONS ARE COPYRIGHT TO ACENZ, ENGINEERING NEW ZEALAND AND NZIA



Code Compliance Certificate - Form 6 - STDC143437

Submission Details

Submission Ref	STDC143437
Status	Accepted
Building Complexity	R1
Submitter	Arthur Brown Construction (2017) (Matt Phillips)
Building Consent Authority	South Taranaki District Council
Site Address	27 County Drive, Hawera, Hawera 4610
Is Complete	Yes
Date Submitted	Fri 21 Jul 2023, 7:21 AM

Code Compliance Certificate - Form 6

[Section 92](#), Building Act 2004

How to complete this form:

1. Completed sections turn green
2. The submit button become available after all sections has been completed
3. Required fields are marked with an asterisk (*)
4. You can save and close the application if you need to complete it later
5. The review and submit buttons takes you to the final step before you submit the application.

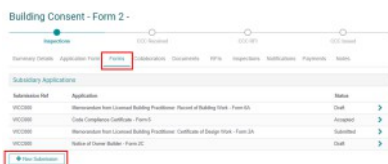
Quick Tip:

If you opened this application form from the main submission screen, there might be a better way of submitting this application.

If you/your organisation made the building consent application or was added as a collaborator to the building consent, please link this supplementary application to the building consent by:

- Cancelling this form
- Open the building consent
- Open the forms tab
- Select "New Submission"

This will ensure all your supplementary applications are linked to the building consent, making it easier for you to manage.



Building Consent Information

Building consent number *

200394

Issued by *

STDC

All building work to be carried out under the building consent was completed on *

01/12/2022

Where Is The Building

What is the street address *

27 County Drive, Hawera

Legal Description *

LOT 42

Deposited Plan

DP 412125

Building Name

Location of building within site/block including near street access

Who Owns The Building

Owner name *

Owner title

If the property is owned by an organisation, capture the organisation's name.

Owner's contact person

Owner email address *

Required if the owner is an organisation

Owner contact number: *

Owner mobile number

Owner's street address *

Owner mailing address *

Proof of Ownership

The [Building \(Forms\) Regulations 2004](#) requires evidence of ownership to be provided, proof of ownership less than 3 months old ensures the ownership is current.

Proof of ownership *

<input checked="" type="radio"/> Record of Title (RT)	<input type="radio"/> Other
---	-----------------------------

Click [here](#) to request a RT from from Land Information New Zealand.

Request a Record of Title (RT) from the Building Consent Authority (BCA) or Council *

<input type="radio"/> Yes	<input checked="" type="radio"/> No
---------------------------	-------------------------------------

Check with the Building Consent Authority (BCA) before requesting a RT directly from them.

Proof of Ownership - 445017_Title_Search_Copy.pdf

Who Is The Applicant

Is the application being made on behalf of the owner *

☒ Yes

☐ No

Agent Contact Information

Please note that the nominated first point of contact must be in New Zealand.

Who is the first point of contact for further correspondence? *

☒ Owner

☐ Agent

☐ Other

Who is the first point of contact for invoicing *

☒ Owner

☐ Agent

☐ Other

Who should invoices be made out to? *

Raewyn Stockman

The code compliance certificate should be sent to *

☒ Owner - owner address as per section "Who Owns The Building"

☐ Agent - agent address as per section "Who Is The Applicant"

Agent name *

Matt Phillips

Agent title

If the agent is an organisation, capture the organisation's name

Agent's Contact person

Agent's relationship to owner *

PM

Required if the agent is an organisation

Agent email address *

matt@abclimited.co.nz

Agent contact number *

021743790

Agent mobile number

Agent street address *

108 Wilson street Hawera

Agent mailing address *

PO Box 266 Hawera

Who Completed The Building Work

Select who completed the building work *

☒ Licensed Building Practitioner

☐ Other

If there are others who were involved in the build who aren't licensed building practitioners, please provide their details by selecting the other option.

The licensed building practitioner(s) (LBP) who carried out/supervised the restricted building work is/are

Name *

Company

Matt Phillips

Email address *

matt@abclimited.co.nz

Contact number *

021743790

Street address *

108 Wilson street Hawera

Mailing address

Licensed Building Practitioner *

Carpenter

Licence class *

Brick and blocklaying
Carpentry
Design 1
Design 2
Design 3
External plastering
Foundations
Site 1
Site 2
Site 3

LBP registration number *

130111

Work carried out or supervised *

☐ Work carried out

☒ Supervised

Will a Record of Work (From 6A) from this LBP be attached to the CCC application? *

☒ Yes

☐ No

What Specified Systems Are In The Building?

Are there any specified systems in the building? *

☐ Yes

☒ No

Have You Attached All Required Documents

Document Upload Process

Only one document can be uploaded against each document category. You need to merge all documents into a single PDF per category (e.g. all architectural plans must be merged into a single document).

Several free online PDF merger tools are available on the [internet](#) one such tool is [Smallpdf](#). With Smallpdf, you can merge documents into a single file.

For a full list of the document categories and what should be included in each category click [here](#).

Click [here](#) for help and frequently asked questions.

A complete CCC application requires the information listed below (if applicable):

- Memorandum of Licensed Building Practitioners Record of Work (for each type of building work completed)
- Certificates relating to energy work
- Current manufacturer's certificate(s) relating to modular components

Supporting information may also be required including (but is not limited to):

- Evidence that specified systems can perform to the performance standards set out in the building consent
- Other documents from personnel who carried out the work
- Refer to your building consent approval letter for a full list of documents required to support your CCC application.

If you have already uploaded documents to the building consent you do not need to upload it again.

Quick Tip:

If you/your organisation made the building consent application or was added as a collaborator to the building consent, you can view the documents already submitted by:

- Opening the building consent
- Open the documents tab
- The BCA has received documents with a received date.



Select the following option to attach a record of work *

☒ Attached a PDF to this application

☐ The LBP will complete the form online

☐ No records of work are required

Record Of Building Work

Record of Work (LBP) - memorandum-record-of-building-work.pdf

CCC Documentation

CCC Documentation - COC_Electrical_-_County_Drive.pdf

CCC Documentation - PS4_Construction.pdf

CCC Documentation - certificate.pdf

CCC Documentation - 27_county.pdf

Declaration

Privacy Information

The information you have provided on this form is required so that your application can be processed under the Building Act 2004. The Council, Territorial Authority (TA) or Building Consent Authority (BCA) collates statistics relating to building work and has a statutory obligation to provide information to third parties. The information is stored on a public register, which must be supplied to whoever requests the information. Under the Privacy Act 2020, you have the right to see, and correct personal information Councils, TAs and BCAs holds about you.

You can view the Simpli [Privacy Statement here](#)

In providing this information, you agree to your details being used for customer surveys carried out by the Council, BCA or TA.

Terms of Use

By making this submission you agree to the Simpli portal [terms and conditions](#).

Your application fees

The Council, BCA or TA may charge fees for your application. These will include statutory levies to BRANZ and the Ministry of Business, Innovation & Employment.

A fee schedule can be found on the BCA's website, refer to the link in the details panel on the right. Your fees will be advised when the BCA accepts your submission.

Statutory declaration

I request that you issue a code compliance certificate for this work under section 95 of the Building Act 2004.

☒ *** I acknowledge and agree with the above statements.**

Name *

Date *

Matt Phillips

21/07/2023

Submitter Declaration

Submitter Name

Matt Phillips

Date

21/07/2023

I understand that by ticking the following boxes, I am agreeing to the following statements:

- ☒ *** As the agent I confirm that I am submitting this application on behalf of and with the authority of the owner and confirm that all the information within the application is, to the best of my knowledge, true and correct.**
- ☒ *** I request that you issue a code compliance certificate for this work under section 95 of the Building Act 2004.**



RECORD OF TITLE
UNDER LAND TRANSFER ACT 2017
FREEHOLD
Search Copy




R.W. Muir
Registrar-General
of Land

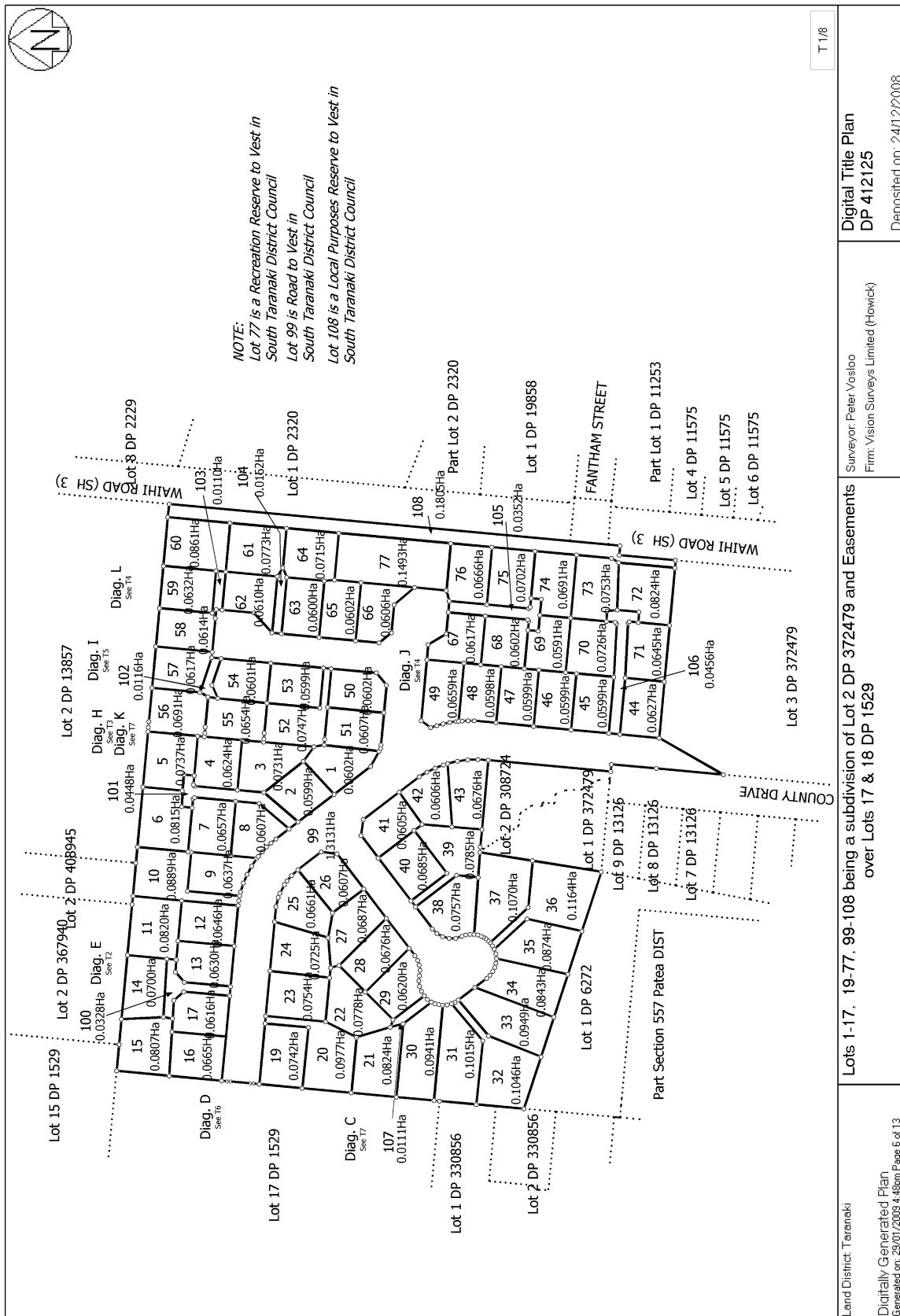
Identifier **445017**
Land Registration District **Taranaki**
Date Issued 24 December 2008

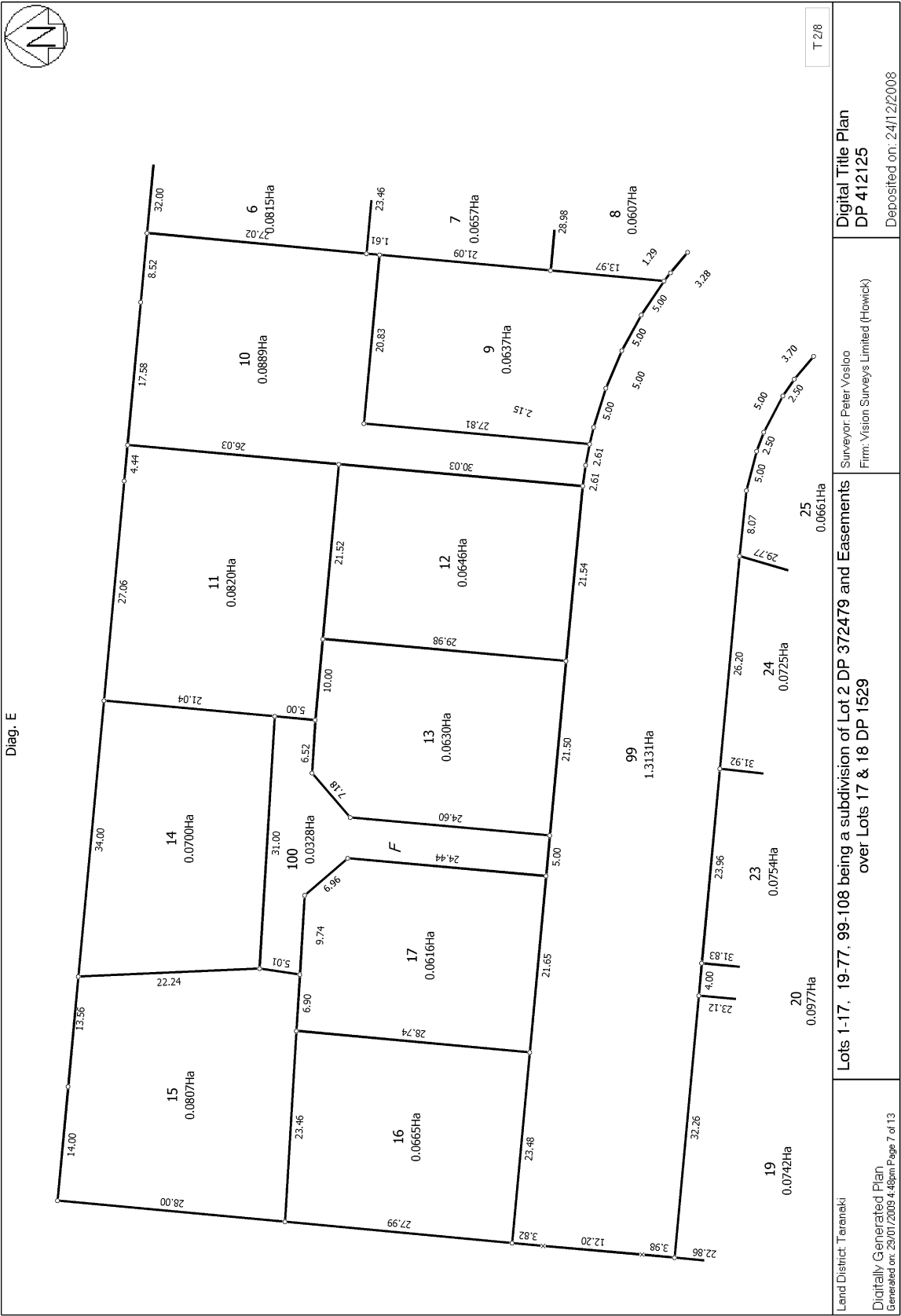
Prior References
293173

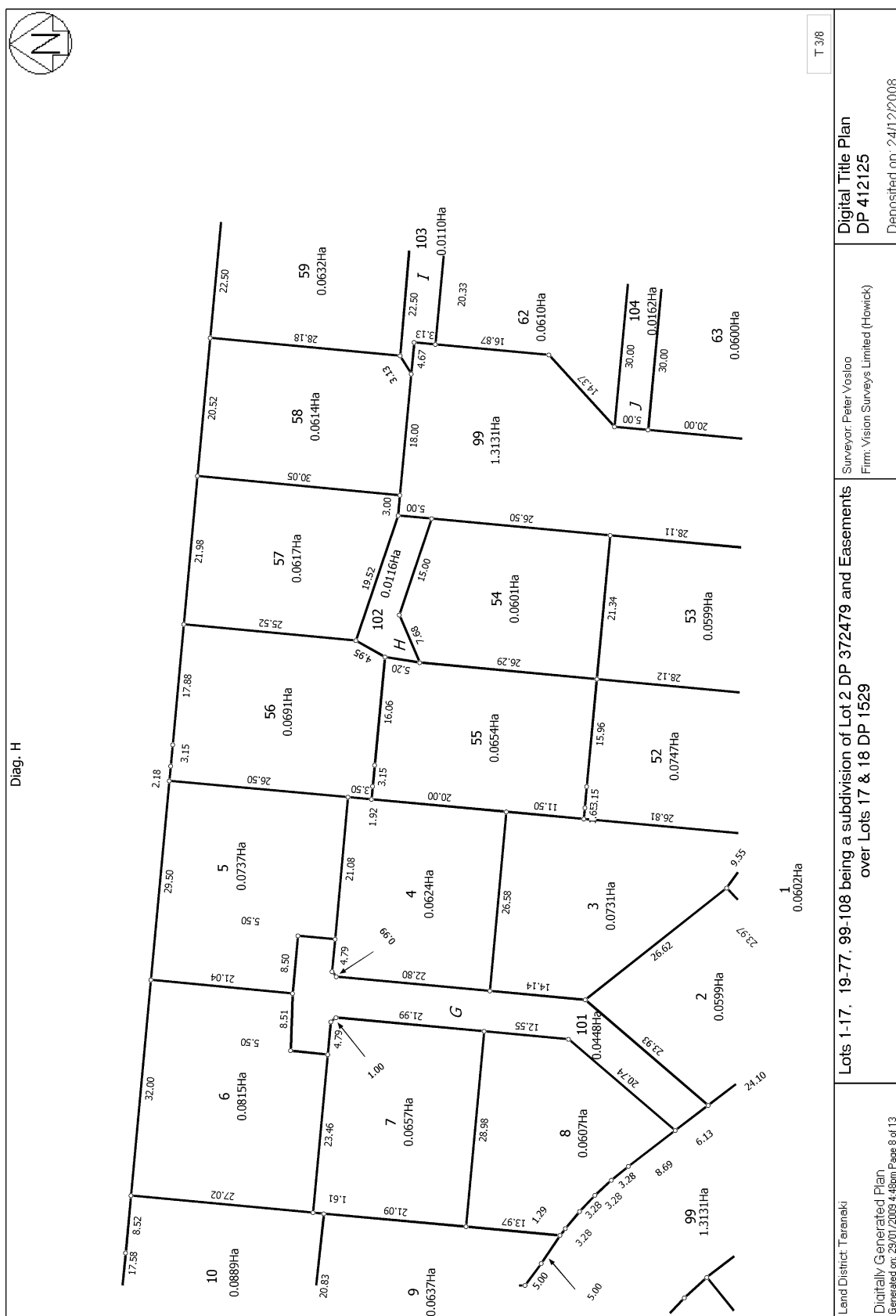
Estate Fee Simple
Area 606 square metres more or less
Legal Description Lot 42 Deposited Plan 412125
Registered Owners
Raewyn Pamela Stockman

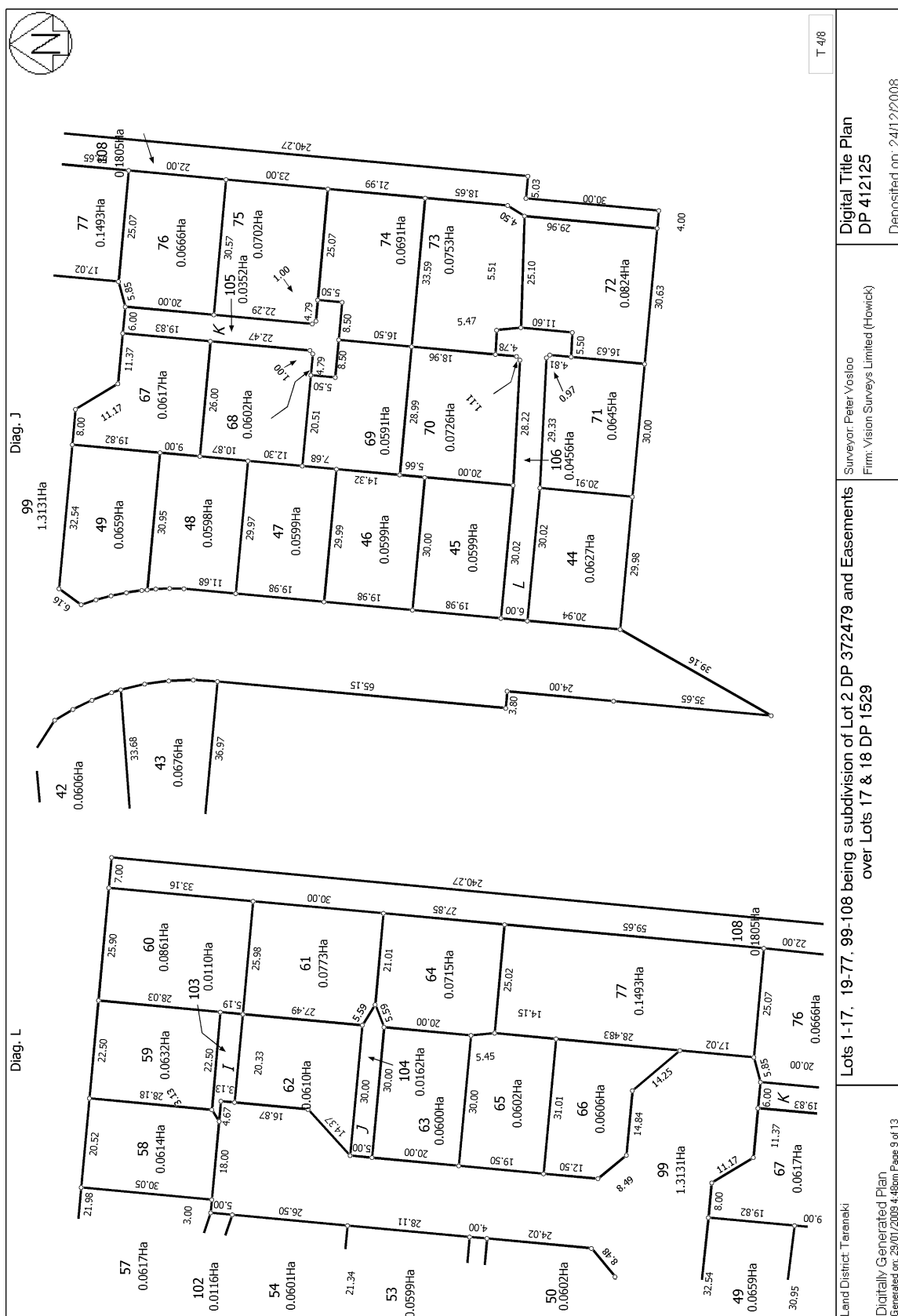
Interests

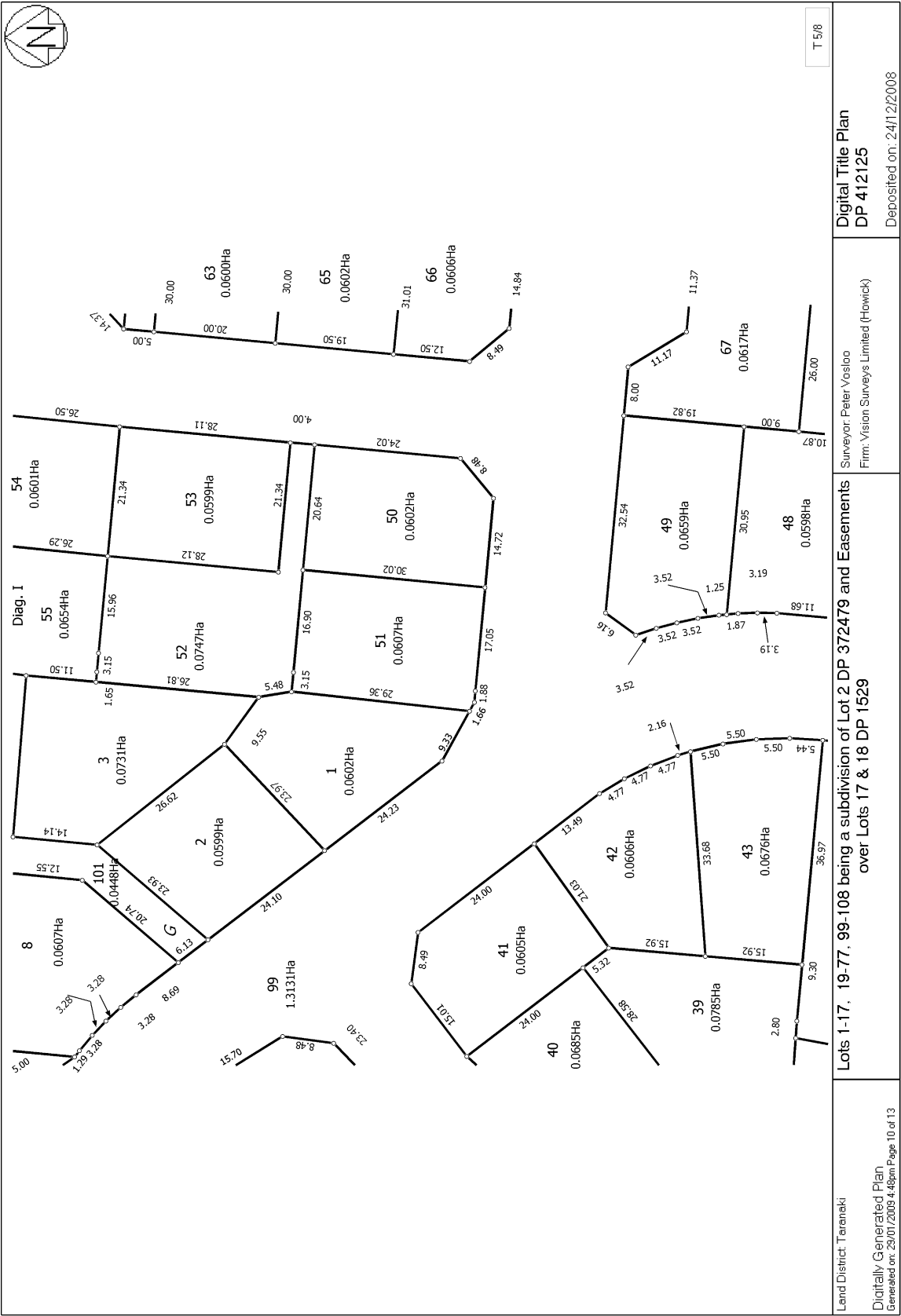
Subject to Section 59 Land Act 1948
8040085.4 Consent Notice pursuant to Section 221 Resource Management Act 1991 - 24.12.2008 at 9:00 am
Fencing Covenant in Easement Instrument 8040085.11 - 24.12.2008 at 9:00 am
Land Covenant in Easement Instrument 8040085.11 - 24.12.2008 at 9:00 am

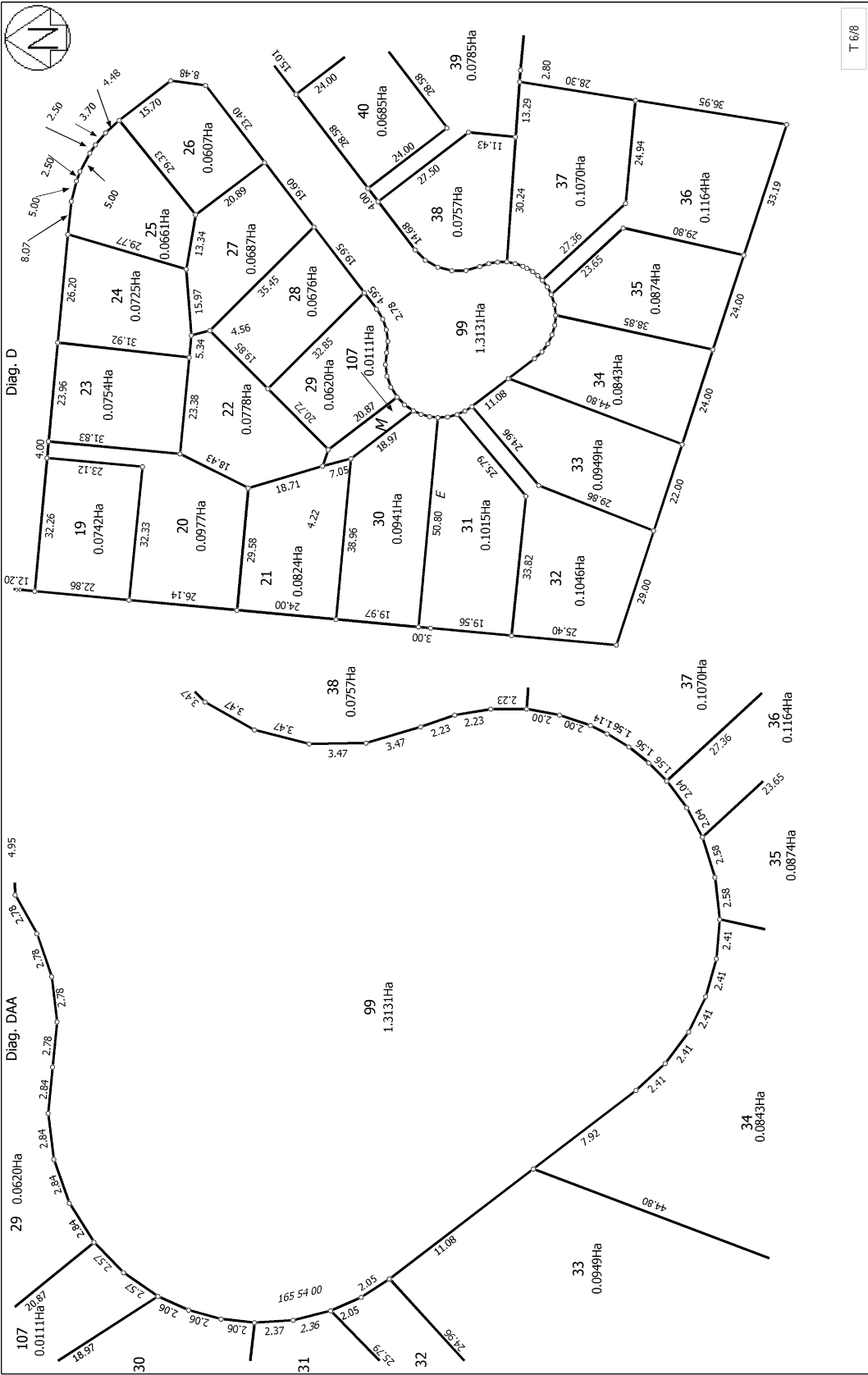




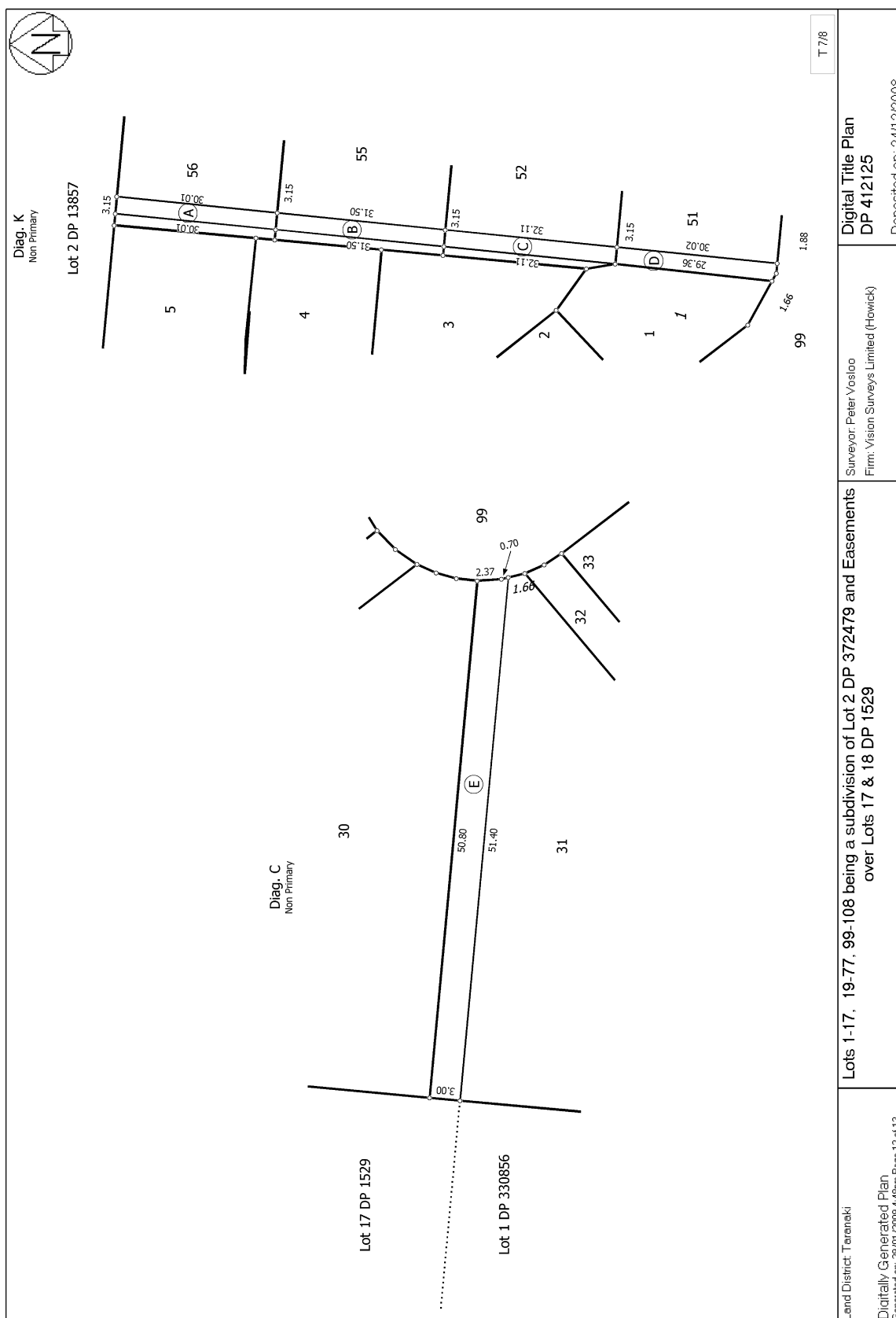


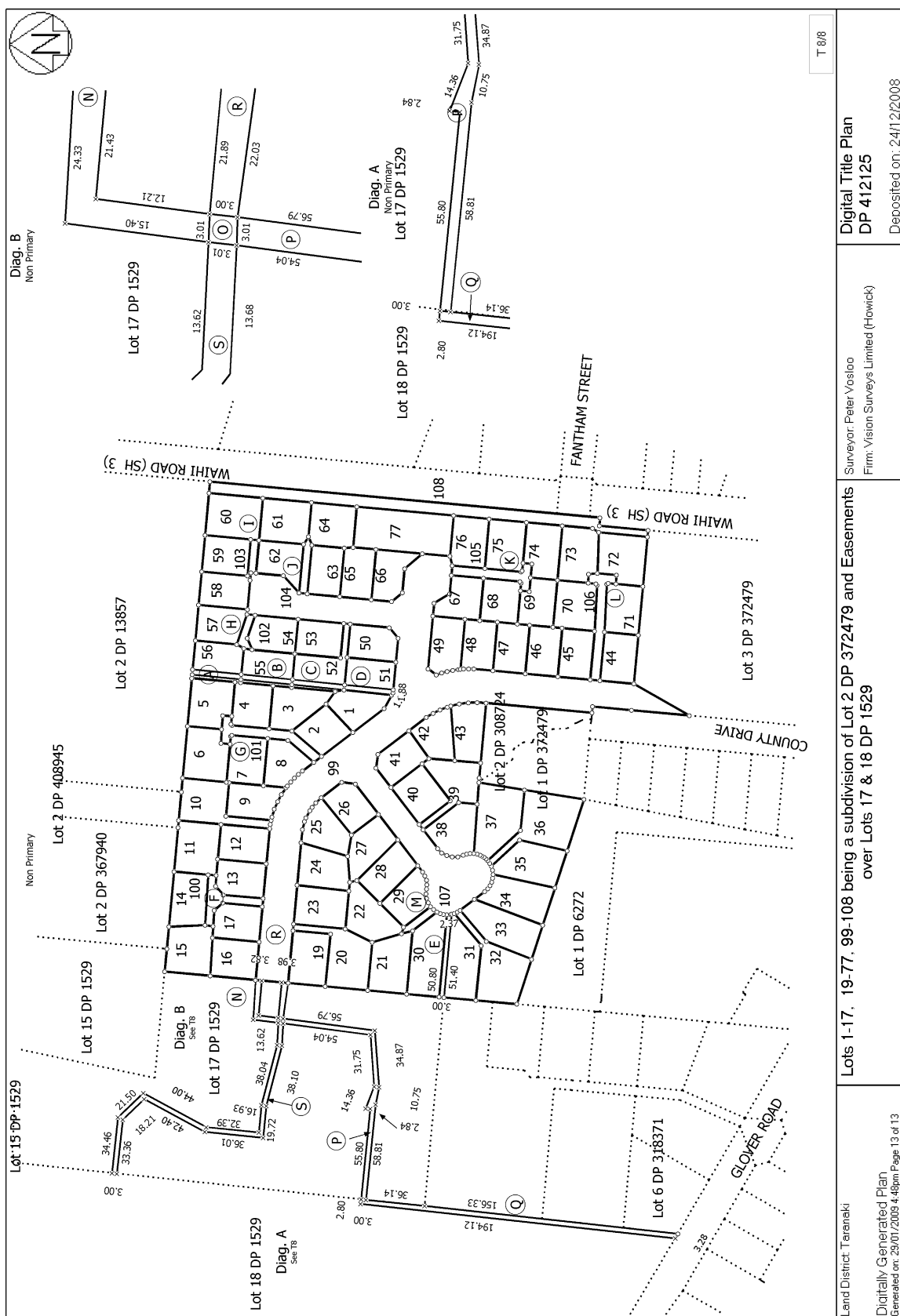






Land District: Taranaki	Lots 1-17, 19-77, 99-108 being a subdivision of Lot 2 DP 372479 and Easements over Lots 17 & 18 DP 1529	Surveyor: Peter Vosloo Firm: Vision Surveys Limited (Howick)	Digital Title Plan DP 412125 Deposited on: 24/12/2008
Digitally Generated Plan Generated on: 29/01/2009 4:48pm Page 11 of 13			







**LICENSED
BUILDING
PRACTITIONERS**
Building confidence

MEMORANDUM FROM LICENSED BUILDING PRACTITIONER: RECORD OF BUILDING WORK

Section 88, 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:

Suburb:

Town/city:

Postcode:

THE PROJECT

Building consent number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

THE OWNERS

Name(s):

Mailing address:

Suburb:

PO Box/Private Bag:

Town/City:

Postcode:

Phone:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Email address:



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HĪKINA WHAKATUTUKI

Te Kāwanatanga o Aotearoa
New Zealand Government

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	If necessary, describe the restricted building work	Tick whether you carried out the restricted building work or supervised someone else carrying out the restricted building work
<input type="checkbox"/> Foundations and subfloor framing		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Walls		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Roof		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Columns and beams		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Bracing		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Other		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised

EXTERNAL MOISTURE MANAGEMENT SYSTEMS:

Work that is restricted building work	Description of restricted building work	Carried out or supervised
Tick	If necessary, describe the restricted building work	Tick whether you carried out the restricted building work or supervised someone else carrying out the restricted building work
<input type="checkbox"/> Damp proofing		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Roof cladding or roof cladding system		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Ventilation system (for example, subfloor or cavity)		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Wall cladding or wall cladding system		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Exterior joinery (windows and doors)		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Waterproofing		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised
<input type="checkbox"/> Other		<input type="checkbox"/> Carried out <input type="checkbox"/> Supervised

ISSUED BY

I am providing my contact details as a licensed building practitioner who is licensed to carry out or supervise work that is restricted building work.

Name:

LBP or Registration number:

Class(es) licensed in:

Plumbers, Gasfitters and Drainlayers registration number (if applicable):

Mailing address (if different from below):

Street address/Registered office:

Suburb:

Town/City:

PO Box/Private Bag:

Postcode:

Phone:

Mobile:

After hours:

Fax:

Email address:

Website:

DECLARATION

I _____ carried out or supervised the restricted building work recorded on this form.

Applicant's signature _____

Date

<input type="text"/>	/	<input type="text"/>	/	<input type="text"/>
day		month		year