

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

ISSUED BY: Ian Hutchinson Consultants Ltd
(Construction Review Firm)

TO: Three Blokes Ltd
(Owner / Developer)

TO BE SUPPLIED TO: Auckland Council
(Building Consent Authority)

IN RESPECT OF: Proposed Planning Shed
(Description of Building Work)

AT: 362 Matakana Valley Road, Matakana
(Address)

SEC 1 DP SO 400726

Ian Hutchinson Consultants Ltd has been engaged by **Three Blokes Ltd**
(Construction Review Firm)

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

Or ☒ Other Hardfill Compaction Observation services
(Extent of Engagement)

in respect of clause(s) **B1 (VM1) ; B1 (VM4)** of the Building Code for the building work described in

documents relating to Building Consent No 10260425 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.

Correspondence specifically relating to the works, ref L20145g dated 10th May 2018

should be read in conjunction with this Producer Statement.

On the basis of ☐ this ☐ 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 ☒ 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) B1 (VM1) ; B1 (VM4) 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, **Ian Thomas Hutchinson** am: ☒ CPEng # **63973**

I am a Member of: ☒ IPENZ ☐ NZIA

and hold the following qualifications: **BE ME MIPENZ (Civil Structural) CPEng IntPE(NZ)**

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: Ian Thomas Hutchinson **ON BEHALF OF:** Ian Hutchinson Consultants Ltd
(Design Firm)

DATE: 10th May 2018 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*.

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

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deankim@xtra.co.nz

From: Paige Farley <Paige@hc.co.nz>
Sent: Friday, 29 June 2018 12:11 PM
To: 'deankim@xtra.co.nz'
Subject: RE: 362 Matakaria Road - Flood report 20145c
Attachments: 4794_001.pdf

Hi Dean,

I spoke with Hamish yesterday and said I would send you something that you can give to the building inspector when he's next on site early next week.

I've printed out the relevant pages from the wastewater report that we completed and have highlighted the important bits.

The report states that the new replacement shed will utilise the existing wastewater treatment facility.

The new development (at that time) will trigger the need for the new wastewater treatment facility.

If the building inspector has any further questions please give him my contact details.

Kind regards

Paige Farley | Civil Manager | www.hc.co.nz
Bus 09 426 5702 | Mob 021 993 416



Hutchinson
CONSULTING ENGINEERS

From: deankim@xtra.co.nz [mailto:deankim@xtra.co.nz]
Sent: Wednesday, 27 June 2018 10:31 a.m.
To: Paige Farley
Subject: RE: 362 Matakana Road - Flood report 20145c

Hi Paige,

Had our final inspection today .

All good apart from a little confusion re the wastewater design for the next development.

The existing septic system was stamped and approved for the shed just completed and is shown on the consent as such but the next design has confused the inspector somewhat .

He is all ok but Hamish Dobbyn will give you a call to outline this hope this is OK.

Regards
Dean Munro

From: Paige Farley <Paige@hc.co.nz>
Sent: Thursday, 21 June 2018 1:08 PM



Hutchinson
CONSULTING ENGINEERS

PO Box 151 Orewa 0940
154 Centreway Road, Orewa
+64 9 426 5702
www.hc.co.nz

Our Ref: L20145b

3rd November 2017

Three Blokes Limited
PO Box 170
Matakana 0948

Attention: Dean and Kim Munro

Dear Dean and Kim,

**RE: ON-SITE WASTEWATER TREATMENT AND DISPOSAL REPORT
REPORT FOR THE PROPOSED DEVELOPMENT AT 362 MATAKANA VALLEY
ROAD, MATAKANA (PT ALLOT 51 PSH OF MATAKANA SO 1044)**

INTRODUCTION

This office has been engaged to prepare a wastewater design and report at the above address and provide a report to accompany a building consent/resource consent application with Auckland Council.

This office has visited and observed the above site on Tuesday the 12th September 2017 and a walkover survey was completed to locate suitable areas for on-site wastewater disposal and a sub-soil investigation was carried out to determine the underlying soil profile to facilitate design.

SITE DESCRIPTION

The site is located at No 362 Matakana Valley Road, Matakana. The site is located on the north eastern side of the road and is around 2km from the Matakana Township.

The site has a total land area of around 2.7 Ha and comprises an irregular shaped portion of land. The property encompasses a timber sales yard known as the Matakana Sawmill, comprising timber storage and processing sheds.

There is an overland flow path bisecting the site which flows in a west to east manner and this overland flow path flows into an upper tributary of the Matakana River. The river continues due south and discharges into the Mahurangi River. The stream embankments to the side of the overland flow path comprise steep slopes of around 30° to 40° and are within close proximity to the proposed planning shed location.

The existing vegetation near the eastern boundaries comprises both native bush and exotic trees.

PROPOSAL

This phase of the development includes the construction of a new Planing Shed to replace the existing fire damaged shed, and the replacement/re-purposing of two existing drying sheds located in the south-eastern corner of the site. All new buildings will be located in a similar location as the original buildings.

The architectural design of the replacement Planing Shed has been carried out by Campbell Registered Architects Ltd. Their drawings reference 14025 dated 28th August 2017 show that the replacement Planing Shed will include a lunchroom/office/showroom, and two workshops. The architectural plans also depict one toilet with one hand-wash basin. The wastewater from this building will be treated via the existing wastewater treatment facility for the original Planing Shed.

The concept design of the new market buildings includes one shed with overall dimensions of 29.1m x 12.8m and the other with overall dimensions of 15.5m x 7.0m. For the purposes of this report, these are referred to as Building One and Building Two respectively.

The following assumptions have been used in the wastewater design;

- | | |
|---------------------------------------|--------------------------------------|
| Building One - approx. 29.1m x 12.8m: | Building Two - approx. 15.5m x 7.0m: |
| • Nine Units | • three Units |
| • One toilet & one hand wash basin | |

It is also assumed, that on average, that there will be 1.5 people working at each market shed (some have two people while others have one).

Discharge volumes for the proposed market sheds are based on likely occupancy levels and relevant likely typical daily wastewater flow allowances. TP58 design flow loads refer to the United States Environmental Protection Agency (USEPA) onsite waste water treatment system manual. The USEPA manual identifies the following typical wastewater flows for an 'office' type building applies - refer appendices. While the term office may not be directly akin to a market shed, the use of the buildings facilities (toilets, wash basins) are.

If on average, there are 1.5 people per market shed, then the following applies:

Wastewater generated for office type occupancy = 49 litres/employee/day

9 Units x 1.5 people = 14 people

3 Units x 1.5 people = 5 people

Total = 19 people, or, 'employees'

19 employees x 49 l/day = 931 l/day

It is proposed to locate the wastewater disposal field in the southern area of the lot to treat the wastewater runoff from two new market facilities. Refer to the attached plan for the wastewater disposal field location.

FLOOD PRONE AREAS & FLOOD PLAINS

The Auckland Council Geo mapping tool identifies that there are both **flood prone areas** and **flood plains** at the site.

The **flood plains** mapping is less clearly defined insofar as the mapping tool suggests the water rises to RL 21 or RL 24m depending on where one looks. The variance is due to the course scale of the hatch employed in the geo mapping tool.

The Auckland Council Geo mapping tool also identifies that the **flood prone area** to the north of the replacement shed extends to RL 22.11m. This level is discussed in the



Our Reference: L20145e

2nd May 2018

Auckland Council
Orewa Office
Private Bag 92300
AUCKLAND 1142

Attention: Team Leader Building

Dear Sir,

**RE: BCO 10260425 LOT
PORTAL FRAME OBSERVATION
AT 362 MATAKANA VALLEY ROAD, MATAKANA
FOR THREE BLOKES LTD**

This office has completed a construction observation of the structural portal frame elements specifically designed by Carter Holt Harvey Woodproducts NZ, at the above site, on Wednesday the 2nd May 2018.

The portal frame elements had been installed and fixed in accordance with the hyFRAME structural drawings referenced HF0014 dated 15/15/2017.

In accordance with the approved Building Consent conditions we enclose a Producer Statement – Construction Review for same.

Should you wish to discuss any aspects of the above information, please contact the above office.

We trust this meets with your approval.

Yours faithfully
IAN HUTCHINSON CONSULTANTS LTD

Prepared by Paul Wilson
ENGINEER

Reviewed by Paul Jarvie
STRUCTURAL MANAGER

cc Three Blokes Ltd
PO Box 170
Matakana 0948
Attention: Dean and Kim Munro

Owner: Please forward a copy of this correspondence to your building contractor responsible for the above works

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

ISSUED BY: Ian Hutchinson Consultants Ltd
(Construction Review Firm)
TO: Three Blokes Ltd
(Owner / Developer)
TO BE SUPPLIED TO: Auckland Council
(Building Consent Authority)
IN RESPECT OF: Proposed Planning Shed
(Description of Building Work)
AT: 362 Matakana Valley Road, Matakana
(Address)
SEC 1 DP SO 400726

Ian Hutchinson Consultants Ltd has been engaged by Three Blokes Ltd
(Construction Review Firm)

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

Or ☒ other Portal Frame Observation services
(Extent of Engagement)

in respect of clause(s) B1 (VM1) ; B1 (VM4) of the Building Code for the building work described in documents relating to Building Consent No BCO 10260425

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

Correspondence specifically relating to the works, ref L20145e dated 2nd May 2018 should be read in conjunction with this Producer Statement.

On the basis of ☐ this ☐ 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 ☒ 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) B1 (VM1) ; B1 (VM4) 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, Ian Thomas Hutchinson am: ☒ CPEng # 63973

I am a Member of: ☒ IPENZ ☐ NZIA

and hold the following qualifications: BE ME MIPENZ (Civil Structural) CPEng IntPE(NZ)

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: Ian Thomas Hutchinson ON BEHALF OF: Ian Hutchinson Consultants Ltd
(Design firm)

DATE: 2nd May 2018 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*.

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Hutchinson
CONSULTING ENGINEERS

PO Box 100, Orewa 0640
130 Deception Road, Orewa
Phone 09 400 6100
www.hc.co.nz

Our Reference: L20145f

2nd May 2018

Auckland Council
Orewa Office
Private Bag 92300
AUCKLAND 1142

Attention: Team Leader (Building)

Dear Sir,

**RE: BCO 10260425
FOUNDATION OBSERVATION
AT 362 MATAKANA VALLEY ROAD, MATAKANA
FOR THREE BLOKES LTD**

This office has completed a foundation observation inspection for the above site on Monday the 26th February, Monday the 5th March and Tuesday the 13th March 2018.

All foundations had been excavated a minimum of 600mm below cleared ground level.

The Contractor shall ensure that 600mm of foundation embedment can be achieved below finished ground level once the final site landscaping and development works are completed.

This may require that the finished slab-on-grade level to be raised to achieve these necessary embedments and/or, ground clearances.

Sufficient minimum height of finished concrete slab-on-grade floors above adjoining finished ground level in accordance with Section 7.5 NZS 3604:2011 "Code of Practice for TIMBER FRAME BUILDINGS" must be made available once the final landscaping is complete.

The reinforcing steel within the foundations had been correctly detailed, placed and lapped. The Contractor was instructed to support the principal perimeter strip footing reinforcement on plastic chairs and provide a minimum concrete cover of 75mm in all areas where concrete is poured against unprotected ground.

In accordance with the approved Building Consent conditions we enclose a Producer Statement – Construction Review (PS4) for same.

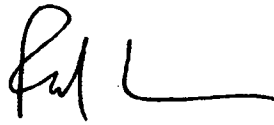
The bulk and location requirements of the structure and the construction of any foundations within close vicinity of services had not been checked by this office.

We assume that these items had been required and approved by Council as part of the Building Consent process and had been checked and approved as part of their on-site inspections.

Should you wish to discuss any aspects of the above information, please contact the above office.

We trust this meets with your approval.

Yours faithfully
IAN HUTCHINSON CONSULTANTS LTD



Prepared by Paul Wilson
ENGINEER



Reviewed by Paul Jarvie
STRUCTURAL MANAGER

cc Three Blokes Ltd
 PO Box 170
 Matakana 0948
 Attention: Dean and Kim Munro

Owner: Please forward a copy of this correspondence to your building contractor responsible for the above works.

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

ISSUED BY: Ian Hutchinson Consultants Ltd
(Construction Review Firm)

TO: Three Blokes Ltd
(Owner / Developer)

TO BE SUPPLIED TO: Auckland Council
(Building Consent Authority)

IN RESPECT OF: Proposed Planning Shed
(Description of Building Work)

AT: 362 Matakana Valley Road, Matakana
(Address)

SEC 1 DP SO 400726

Ian Hutchinson Consultants Ltd
(Construction Review Firm) has been engaged by Three Blokes Ltd

To provide ☐ CM1 ☐ CM2 ☐ CM3 ☐ CM4 ☐ CM5 (Engineering Categories) or ☐ observation as per agreement with owner/developer
Or ☒ other Footings Observation services

in respect of clause(s) B1 (VM1) ; B1 (VM4) of the Building Code for the building work described in documents relating to Building Consent No BCO 10260425 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.

Correspondence specifically relating to the works, ref L20145f dated 2nd May 2018 should be read in conjunction with this Producer Statement.

On the basis of ☐ this ☐ 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 ☒ 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) B1 (VM1) ; B1 (VM4) 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, Ian Thomas Hutchinson am: ☒ CPEng # 63973

I am a Member of: ☒ IPENZ ☐ NZIA

and hold the following qualifications: BE ME MIPENZ (Civil Structural) CPEng IntPE(NZ)

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: Ian Thomas Hutchinson ON BEHALF OF: Ian Hutchinson Consultants Ltd
(Design Firm)

DATE: 2nd May 2018 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*.

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Our Ref: L20145d

21 March 2018

Auckland Council
Orewa Office
Private Bag 92300
AUCKLAND 1142

Attention: Team Leader (Building)

Dear Sir

**RE: BCO 10260425 SEC 1 SO 400726
MASONRY RETAINING WALL
AT 362 MATAKANA VALLEY ROAD, MATAKANA
FOR THREE BLOKES LTD**

This office has completed a reinforced masonry retaining wall construction and reinforcement placement observation for the above site on Tuesday the 21st March 2018.

The walls inspected included the northern, eastern, and western perimeters of the proposed planning shed. Also inspected were the internal lunchroom / office showroom surrounding walls.

All masonry had been adequately detailed and reinforced in accordance with design details and recommendations issued by this office for a maximum retained height of 2000 mm. The vertical reinforcing consisted of D20 at 400 mm centres, decreasing to a minimum D12 at 600 mm centres, and placed with 50 mm rear cover within the masonry core. The horizontal reinforcement consisted of D12 at 600 centres.

Wash out ports had been provided at all locations where pour heights are greater than 1200 mm

The Contractor was instructed to ensure that all mortar and deleterious material was removed from within the limits of the blockwork cells prior to placing the grout.

The Contractor was also instructed to be very particular with the waterproofing, protective layer, drainage and backfilling of the wall to ensure that the wall remains waterproof and no damage occurs to the waterproofing system.

This certification does not cover the placement of the draincoil and drainage metal, nor the final ground profile above the wall which should not be sloped as per the design calculations.

The walls have been designed to support a 5 kPa live load surcharge.

In accordance with the approved Building Consent conditions we enclose a Producer Statement – Construction Review for same.

The bulk and location requirements of the structure and the construction of any foundations within close vicinity of services had not been checked by this office. We assume that these items had been required and approved by Council as part of the Building Consent process and had been checked and approved as part of their on-site inspections.

Should you wish to discuss any aspects of the above information, please contact the above office.

We trust this meets with your approval.

Yours faithfully
IAN HUTCHINSON CONSULTANTS LTD



Prepared by Jono Tims
ENGINEER



Reviewed by Paul Jarvie
STRUCTURAL MANAGER

cc Three Blokes Ltd
matakanasawmill@xtra.co.nz

Owner: Please forward a copy of this correspondence to your building contractor responsible for the above works.

PRODUCER STATEMENT – PS4 – CONSTRUCTION REVIEW

ISSUED BY: Ian Hutchinson Consultants Ltd
(Construction Review Firm)

TO: Three Blokes Ltd
(Owner / Developer)

TO BE SUPPLIED TO: Auckland Council
(Building Consent Authority)

IN RESPECT OF: Proposed Planning Shed
(Description of Building Work)

AT: 362 Matakana Valley Road, Matakana
(Address)

SEC 1 DP SO 400726

Ian Hutchinson Consultants Ltd has been engaged by **Dobbyn Builders Ltd**
(Construction Review Firm)

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

Or ☒ other Masonry Retaining Wall Construction and Reinforcement Placement Observation services
(Extent of Engagement)

in respect of clause(s) B1 (VM1) ; B1 (VM4) of the Building Code for the building work described in
documents relating to Building Consent No BCO 10260425 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.

Correspondence specifically relating to the works, ref L20145d dated 22/03/18
should be read in conjunction with this Producer Statement.

On the basis of ☐ this ☐ 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 ☒ 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) **B1 (VM1) : B1 (VM4)** 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, **Ian Thomas Hutchinson** am: ☒ CPEng # **63973**

I am a Member of: ☒ IPENZ ☐ NZIA

and hold the following qualifications: **BE ME MIPENZ (Civil Structural) CPeng IntPE(NZ)**

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: Ian Thomas Hutchinson **ON BEHALF OF:** Ian Hutchinson Consultants Ltd
(Design Firm)

DATE: 22 March 2018 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*.

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Photographed 5/3/18



READY MIX CONCRETE

A division of Fletcher Concrete
and Infrastructure Limited

Firth
Matakana Certified
Matakana Certified
Matakana

SOLD TO:

Cash Sales - Grant Dobbyn
PO Box 14534
Panmure
Auckland

CUSTOMER COPY

GST NO: 76-485-070

Packing Slip

2032954

DELIVER TO:

Cash Sales - Grant Dobbyn
362 Matakana Valley Road, *** READY*

TRUCK	REGISTRATION No.	DRIVER	CUSTOMER ORDER No.	S O No.	SEQ.	ZONE	DATE	TIME
531	KUW415	Brad Quigley	Grant Dobbyn	2207	1		26-02-18	14:50

INSTRUCTIONS: Grant 0274757026, Matakana Saw Mill

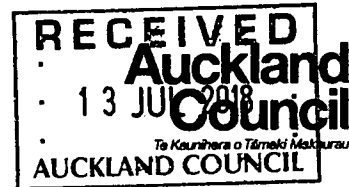
QUANTITY			PRODUCT CODE	PRODUCT DESCRIPTION	UNITS	UNIT RATE	EXTENDED AMOUNT
THIS DOCKET	TOTAL						
	DELIVERED	ORDERED					
6.00	6.00	10.01	AA2519AW	25Mpa 19mm Std Str slump: 100	m3	207.50	1245.00

BANKING DETAILS: PAY TO FIRTH INDUSTRIES, BANK ACCT ANZ 01 0242 0028380 00
Please add the SO number and delivery date as payment reference

TIME ARRIVED :	TIME DEPARTED :	TOTAL TIME :	Requested Delivery Time 15:00				SUB TOTAL	1245.00
SPECIAL TERMS ADDED WATER Any water added is at customer's own risk. If additional water is added on site concrete strength is no longer guaranteed. ☐			REASONS FOR DELAY ON SITE ☐ Customer not ready ☐ Pump breakdown		DRIVERS SIGNATURE	PAID ☐ Cash ☐ Cheque ☐ EFT-POS Credit card no. Expiry Date	GST	186.75
							TOTAL	1431.75
ACCESS TO SITE Driver's Assessment Safe for driver and vehicle to proceed ☐ Not safe – contact Plant Manager ☐			AUTHORISED BY PP Customer		RECEIVED BY PP Customer			

WARNING: Ready mixed Concrete may be irritating to the skin and eyes as it contains Portland Cement. Wear rubber boots and gloves. Prolonged contact may cause burns. Avoid contact with eyes and prolonged contact with skin. In case of contact with skin thoroughly with water. If irritation persists, get medical attention. Keep children away. Contain the washwater and slurry. Direct any runoff onto adjacent land for it to be safely absorbed, or into a pit. Ensure that temporary bunds are not used to dilute the runoff and dispose of it to the stormwater system; this will make the problem worse. Securely blocked-off stormwater sumps can be used as a last resort to contain washwater and slurry.

Producer statement construction (PS3) Tanking (below ground)



All sections of this form must be completed

TO BE COMPLETED BY THE APPLICATOR WHO CARRIED OUT THE WORK

Author name:	Lee Gallagher	Building consent No:	BCO10260425
Author company:	Gallagher Roofing & Waterproofing Ltd	Author registration No:	2502 ✓
Location e.g. basement walls	Block Walls		
Legal description:			
Site address:	362 Matakana Valley Road, Matakana, Auckland 0985		
Product used:	Nuralite 3PTM		

I have sighted the above building consent and read the attached conditions of consent together with the waterproofing details contained therein; and confirm that

- the substrate is suitable for the application of the above waterproof membrane
- the waterproof membrane has been applied in accordance with the manufacturer's specifications and technical requirements
- all work has been carried out in accordance with the building consent and complies with clauses B2, E1, E2 and E3 of the NZ Building Code

I attach copies of the following warranties:

☐ Product warranty ☐ Workmanship warranty ☐ LBP record of work (if RBW - external W/P only)

I understand that Council will rely upon this producer statement, for the purposes of establishing compliance with the above building consent.

Signature: Lee Gallagher Date: 26th March 2018

Applicator's contact details:

Address:	PO Box 308103, Manly, Rodney	Postcode:	0952
Business:		Fax:	
Mobile:	0212404354	Email:	gallagherwaterproofing@gmail.com

COUNCIL USE ONLY

☐ Central ☐ Henderson ☐ Manukau ☐ Orewa ☐ Papakura ☐ Pukekohe ☒ Takapuna

Accepted in ☒ support of inspection ☐ accepted instead of inspection

Register checked: Council LBP N/A

Name:

Don Juma

Date:

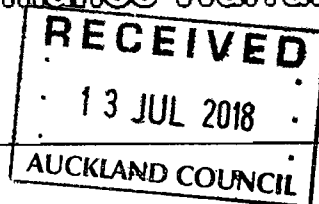
31/7/2018

Producer statement accepted as establishing compliance with the consented plans:

YES NO



Materials Performance Warranty



NURALITE WATERPROOFING LIMITED ("NURALITE") of 53A Victoria St, Onehunga, Auckland, New Zealand, WARRANTS that the NURALITE Waterproofing Membrane ("Membrane") described in the Schedule and installed on the Property and Date stated in the Schedule is free from materials defects.

Should the Membrane fail to provide effective waterproofing of the surfaces of the Property on which it has been installed because of a materials defect, NURALITE will at its sole option, either:

1. Arrange to supply and install a replacement Membrane for the surfaces affected; or
2. Contribute toward the cost of any remedial works required to weatherproof the Membrane in accordance with the conditions overleaf.

This warranty lasts for the Warranty Period commencing on the date of installation completion and relates only to materials installed on the Property and is subject to the conditions overleaf.

John Simmons
MANAGING DIRECTOR
NURALITE WATERPROOFING LIMITED

SCHEDULE

Warranty Number: 7612
Owner of Property: Three Blokes Ltd
Building Consent: BCO10260425
Address of Property: 362 Matakana Valley Road, Matakana, Auckland, 0985
Install Completion: 26 March 2018
Applicator Company: Gallagher Roofing and Waterproofing Ltd
Date Warranty Issued: 27 June 2018
System(s) Installed: System: Nuraply 3PTM
Warranty period: 20 years
Location: Tanking
Area: 48 sqm

To get the longest life from a roof it must be regularly inspected & maintained.

When first installed there should be inspections each spring and autumn, to enable the effects of annual extremes of weather to be checked. Following that an annual program of roof inspection and cleaning should be established by the building owner as part of general building maintenance.

Roofs exposed to high levels of pollution or in close proximity to trees might require more frequent inspection.

Any inspection of a roof should include the interior of the building for signs of water penetration or condensation and for alterations, which may have affected the roof. Externally, abutting construction, which can affect the performance of the roof, should also be inspected.

Annual Inspections & Cleaning

● Inspections

The inspection should concentrate on "high risk" areas such as hatches, drains and around all roof top equipment, as well as a general inspection of the entire roof. Inspections should also include the examination of the roof deck if possible from the underside for evidence of leaks, deteriorated decking, structural cracks or movement and other deficiencies. Parapets and edging should also be examined for evidence of cracking, deterioration and moisture infiltration.

● Damage

If damage is found on the roof surface it should be repaired by an Authorised Nuralite Membrane Applicator. They will use approved products and special techniques to achieve neat, unobtrusive reinstatement of the Membrane.

● Cleaning

Location, traffic level, effective drainage, and service use will dictate cleaning requirements. Sweeping clean followed by hose and broom washing of the Membrane is recommended, not waterblasting. If mould does appear it should be removed with a long-term mould killer such as Nuracide.

You may do this yourself or talk to your applicator if you would like them to include you in an annual program of inspections & cleaning.

Five Year Authorised Service Checks

To maintain your warranty, every five years you must have an Approved Applicator visit to inspect the roof and ensure it remains in good condition.

The Applicator will thoroughly check the roof for signs of damage, water ingress or potential problems. As well, they will also check on the condition of any Nuracolor coating which will need recoating every 5 – 10 years. These checks are inexpensive and are the best way to ensure the system stays in top condition.

	Applicator	Date	Signed
Inspection 1			
Inspection 2			
Inspection 3			
Inspection 4			

1) Surface:

- a. bare patches in solar reflective finish or chippings;
- b. accumulation of loose chippings;
- c. accumulation of silt or vegetation;
- e. loose, inadequately supported or broken paving slabs;
- f. exposed insulation (protected membrane roofs);
- g. areas of ponding.

2) Membrane:

- a. blistering, ripples, rucking, detachment;
- b. cracks, splits, tears, punctures, indentations;
- c. pimpling, pitting, crocodiling;
- d. pulled, unbonded laps;
- e. softening of surface.

3) Substrate:

- a. depressions in surface;
- b. lack of support/soft support to membrane.

4) Rainwater outlets:

- a. blocked;
- b. not bonded to membrane (if bonded type);
- c. clamping ring loose (if clamped type).

5) Upstands:

- a. damaged/detached flashings;
- b. sagging membrane;
- c. splits, cracks, tears;
- d. membrane unsupported at fillet;
- e. unbonded laps;
- f. blistering.

6) Eaves/verge:

- a. unbonded or peeling membrane;
- b. cracking/splitting or strain in membrane;
- c. displacement or signs of movement of edge trim.

7) Movement joints, upstand type:

- a. unsealed capping joints;
- b. dislodged flashing/capping;
- c. unbonded laps.

8) Movement joints, proprietary flush type:

- a. unbonded laps;
- b. splits, cracks, tears.

9) Abutting construction:

- a. parapet copings cracked, loose, unsealed;
- b. damaged damp-proof course, lack of continuity in damp-proofing;
- c. open joints, cracking in construction;
- d. loose/missing pointing.

10) Roof fixtures and penetrations:

- a. upstand defects as above;
- b. rooflight glazing defects;
- c. damaged/missing flashings;
- d. balustrade/vent pipe, loose or missing flashing or collar;
- e. plant plinth damaged/missing flashing;
- f. lightning conductor tape, fixing loose/detached/missing.

The warranty provided by NURALITE will only apply where all the following conditions are satisfied

1. This warranty has no effect unless it is specifically issued by the Managing Director of Nuralite, and all relevant details are completed including:-owner of property, address of property, membrane applied, area of installation, date of completion, warranty period, applicator's details and date of issue. No representative, employee or agent of NURALITE has the authority to assume any additional liability or responsibility of NURALITE unless approved by the Managing Director of NURALITE.
2. The Membrane must be installed by a NURALITE Authorised Membrane Applicator ("the Membrane Applicator") who holds a valid license from NURALITE at the time the Membrane is installed. The Membrane Applicator should have installed the Membrane in accordance with the NURALITE Installation Manual and within the specifications described in the applicable building consent. A NURALITE Authorised Membrane Applicator is not an agent of NURALITE.
3. The waterproofing failure should result from a materials defect in the Membrane ("Membrane failure"). The warranty does not apply to workmanship during installation of the Membrane. Installation is subject to a separate Workmanship warranty provided by the Membrane Applicator.
4. In the event of Membrane failure, protective work should be undertaken immediately to prevent further leaking. The Owner may make temporary repairs to minimise damage to the building or its contents in an emergency at his/her sole expense. These repairs will not result in cancellation of the guarantee as long as they are reasonable, are considered customary trade practices, and do not result in permanent damage to the Membrane.
5. The person making the claim under this warranty must do so in writing to NURALITE within the Warranty Period. NURALITE must be notified in writing of any complaint within fourteen days of the Membrane failure having been identified. Notice to the Membrane Applicator is not notice to NURALITE.
6. Repair work to the Membrane may only be carried out after the Membrane Applicator or NURALITE has carried out the technical investigations required to determine the cause of the defect. The choice of the Membrane Applicator, who will carry out the repairs, as well as of the products and systems for the repair work, will be at NURALITE's sole option. Any remedial work carried out under this warranty shall not extend the Warranty Period, and is not required to provide effective waterproofing of the surfaces of the Property on which the Membrane has been installed beyond the expiry of the Warranty Period.
7. Upon request by NURALITE, the Owner shall remove (and subsequently replace) all covering materials (i.e. pavers, decks or greenroofs) to expose the Membrane to allow for inspection and repair of the Membrane. Removal and replacement of the covering materials shall be at the sole cost of the Owner even if NURALITE determines that the Membrane failure is covered by this warranty.
8. If a claim is accepted under this warranty, the Owner shall be liable for the cost of repairs but Nuralite will contribute an amount to the cost of repair based upon the Pro Rata Calculation as set out herein:

$$\text{Nuralite contribution} = \frac{\text{Total cost of repair} \times \text{Remaining warranty period in months}}{\text{Total warranty period in months}}$$

The repair costs may not amount to more than \$50,000 per claim for each 12-month period.

9. Nuralite shall not be liable in respect of any aesthetic change to the Membrane that does not cause water ingress including but not limited to aesthetic change commonly known as tenting, general discolouration coating degradation, mineral chip loss and discolouration caused by environmental factors including dirt, pollutants and biological agents.
10. Nuralite shall not be liable for loss or damage or aesthetic variance caused by an inability to match material in remedial work.

11. The Membrane is subject to a simple annual inspection and cleaning procedure in accordance with NURALITE instructions. Every five years a documented full inspection and cleaning procedure should be performed by a NURALITE Authorised Membrane Applicator. Where a coating system has been used on the Membrane, it should be maintained and recoated when necessary to maintain the integrity and appearance of the Membrane surface. Records of maintenance and inspection must be kept. This warranty will be cancelled if the Owner fails to complete maintenance in a timely manner.
12. The warranty does not apply in the event of damage caused by any one or more of the following:
 - a. faults and/or aberrant movements in the Property's structure or the substrate to which the Membrane is bonded, or inadequate falls in the substrate leading to surface ponding;
 - b. externally caused physical, mechanical or chemical damage including holes drilled in the Membrane, waterblasting, unusual traffic on the Membrane, objects falling on the Membrane and industrial pollution;
 - c. intentional damage;
 - d. acts of God such as natural phenomena, damage caused by unusual weather conditions or natural disasters including, but not limited to, windstorms, hail, floods, hurricanes, lightning, tornados, extreme wind and earthquakes;
 - e. the installing or presence of technical installations on the roof e.g. aerials;
 - f. infiltration or condensation of moisture through or around the walls, copings, building structure or surrounding materials; or
 - g. chemical attack on the membrane, including, but not limited to, exposure to grease or oil;
 - h. defects in design;
 - i. moisture entrapped in the substrate at the time of installation;
 - j. the movement of the entire building containing the membrane;
 - k. lack of roof maintenance including growth of organic material, dirt buildup and blockage of drains;
 - l. repairs and adaptation work carried out without written approval from the Membrane Applicator or NURALITE;
 - m. changes in the use of the building unless the change in use and its effect on this warranty is approved in advance by NURALITE; and
 - n. conditions that prevent positive drainage or result from ponding water.
13. If the claim does not fall within the scope of this warranty, all NURALITE's costs (such as travel and surveyor costs and any costs of a Membrane Applicator) for the assessment of the claim will be borne by the person making the claim. Any inspections made by NURALITE are limited to a membrane inspection only, are for NURALITE'S sole benefit, and do not constitute a waiver of any of the terms and conditions of this warranty.
14. NURALITE shall not by virtue of this warranty be liable for any consequential, economic, indirect or special damage or loss of any kind whatsoever including but not limited to damage to separately identifiable building components, alternative accommodation costs, and legal costs.
15. This warranty will not apply where the Membrane has not been fully paid for nor where a claim pursuant to this warranty is notified to Nuralite outside the warranty period.
16. (a) The Owner may not assign or otherwise transfer this warranty without NURALITE's prior written consent. A new owner of the building may apply to NURALITE in writing for a transfer of this warranty, during the original warranty period. Certain procedures including, but not limited to, NURALITE'S inspection of the Membrane (at its sole discretion), and the issue and payment of a fee invoice, will apply to any reissuance. NURALITE reserves the right, in its sole discretion, to refuse to reissue or transfer this warranty.

(b) NURALITE may assign its obligations and rights under this warranty at any time.
17. This warranty is governed by and will be interpreted in accordance with the laws of New Zealand, and the parties will submit to the jurisdiction of the New Zealand courts. However, the parties agree to complete mediation of any dispute before a mutually acceptable mediator, as a condition precedent to the pursuit of litigation.
18. This warranty does not purport to negate or modify the application of the Consumer Guarantees Act 1993, other statute law or the common law.

Producer statement construction (PS3) General construction work



All sections of this form must be completed

TO BE COMPLETED BY THE PERSON WHO HAS UNDERTAKEN THE BUILDING WORK

Author name: Grant Dobbyn Building consent No: BC010260425

Author company: Dobbyn Builders Ltd Author Registration No: LBP/115470

Description of building work: lining Fire wall with 13mm Fire Gibboard with Hilti sealant.

Performance standard for maintenance and inspection, if applicable ☐ N/A

Legal description:

Site address: 362 Matakana valley Rd Matakana

NZBC clauses: (select as applicable)

☒ B1	☒ B2	☒ C1	☒ C2	☒ C3	☒ C4	☒ C5	☒ C6	D1	D2	E1	E2	E3
F1	F2	F3	F4	F5	F6	F7	F8	G1	G2	G3	G4	G5
G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	H1		

I have sighted the above building consent and read the attached conditions of consent and confirm that I have undertaken the building work described above in accordance with the consented plans and specifications.

I understand that Council will rely upon this producer statement, for the purposes of establishing compliance with the above building consent.

Signature: [Signature] Date: 26.10.18

Tradesperson's contact details:

Address: 448 Wright Rd Matakana Postcode:

Business: Dobbyn Builders Ltd Fax:

Mobile: 0274757026 Email: Grantdobbyn@gmail.com

COUNCIL USE ONLY

☐ Central ☐ Henderson ☐ Manukau ☒ Orewa ☐ Papakura ☐ Pukekohe ☐ Takapuna

☒ Accepted in support of inspection ☐ Accepted instead of inspection

Register checked: Council ☐ LBP ☒ N/A ☐

Name: Loanne Dan Date: 26/10/18

Producer statement accepted as establishing compliance with the consented plans: YES ☒ NO ☐

Producer statements are accepted solely at Auckland Council's discretion; please refer to the Producer Statement Policy which can be found on Council's website for further details

<http://www.aucklandcouncil.govt.nz/EN/ratesbuildingproperty/consents/Consent%20documents/ac2301producerstatementpolicy.pdf>

Producer statement construction (PS3)
General construction work



All sections of this form must be completed

TO BE COMPLETED BY THE PERSON WHO HAS UNDERTAKEN THE BUILDING WORK

Author name: Jason Lee Building consent No: BCO10260425

Author company: Markovina Piledriving Ltd Author Registration No:

Description of building work: Supply and install driven timber piles for shed foundations

Performance standard for maintenance and inspection, if applicable: Piles lengths and diameters supplied and driven as per engineers instruction. Piledriving inspected by engineer onsite. ☒ N/A

Legal description: Sec 1 SO 400726, Pt Allot 51 Psh of Matakana SO 1044

Site address: 362 Matakana Valley Rd, Matakana 0985

NZBC clauses: (select as applicable)

B1	B2	C1	C2	C3	C4	C5	C6	D1	D2	E1	E2	E3
F1	F2	F3	F4	F5	F6	F7	F8	G1	G2	G3	G4	G5
G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	H1		

I have sighted the above building consent and read the attached conditions of consent and confirm that I have undertaken the building work described above in accordance with the consented plans and specifications.

I understand that Council will rely upon this producer statement, for the purposes of establishing compliance with the above building consent.

Signature: Date: 15/08/18

Tradesperson's contact details:

Address: 8 Cuthbert Rd, Taupaki, Rodney Postcode:

Business: Fax:

Mobile: 021798660 Email: pile4u@vivid.net.nz

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☒ Accepted in support of inspection ☐ Accepted instead of inspection Register checked: Council ☒ LBP ☐ N/A

Name: Leanne Dan Date: 26.10.18

Producer statement accepted as establishing compliance with the consented plans: YES ☐ NO ☐

Producer statements are accepted solely at Auckland Council's discretion; please refer to the Producer Statement Policy which can be found on Council's website for further details

<http://www.aucklandcouncil.govt.nz/EN/Ratepayers/your-property/your-council/Councils/26documents/ps201producerstatementpolicy.pdf>

From: Tony Markovina pile4u@vivid.net.nz
Subject: ps3 for 362 Matakana Valley Rd
Date: 15/08/2018 at 2:34:55 PM
To: dobbynbuilders@icloud.com

Hi mate,

Sorry I clean forgot about this, please find attached the ps3 for the driven piles.

Kind Regards,

Jason Lee

Markovina Pile Driving Ltd

E: pile4u@vivid.net.nz

M: [021647660](tel:021647660)

<http://www.archipro.co.nz/pro-directory/pro/markovina-pile-driving>

Producer statement construction (PS3) Emergency lighting



All sections of this form must be completed

TO BE COMPLETED BY THE PERSON WHO HAS UNDERTAKEN THE INSTALLATION OF THE EMERGENCY LIGHTING

Author name:	Simon Taylor	Building consent No:	10260425
Author company:	Davco Electrical	Electrician's registration No:	E242450
Performance standard for maintenance and inspection:	AS/NZS 2293 (Part 2 1995)		
Legal description:	Sec 1 SO 400726, Pt Allot 51 Psh of Matakana SO 1044		
Site address:	362 Matakana Valley Road, Matakana 0985		

I have sighted the above building consent and read the attached conditions of consent together with the emergency lighting design contained therein; and confirm that:

- the emergency lighting has been installed in accordance with the approved emergency lighting design
- the emergency lighting system has been commissioned and tested in accordance with AS 2293.1 & AS 2293.3
- all work has been carried out in accordance with the building consent and complies with the Building Code: F6 Visibility in Escape Routes

I attach copies of the following documents:

☐ Duration test results ☒ Illuminance measurements ☒ As-built plan showing location of all emergency lights (mandatory)

I understand that Council will rely upon this producer statement, for the purposes of establishing compliance with the above building consent.

Signature:

Simon Taylor

Date:

26/10/18

Tradesperson's contact details:

Address:

21 Morrison Drive, Warkworth

Postcode: 0910

Business:

09 4258339

Fax:

N/A

Mobile:

0272302169

Email

simon@davcoelectrical.co.nz

COUNCIL USE ONLY

☐ Central ☐ Henderson ☐ Manukau ☒ Orewa ☐ Papakura ☐ Pukekohe ☐ Takapuna

☐ Accepted in support of inspection ☒ Accepted instead of inspection

Register checked:

Electrical Workers



N/A



Name:

Loanne Da...

Date:

31/10/18

Producer statement accepted as establishing compliance with the consented plans:

YES

NO

Producer statements are accepted solely at Auckland Council's discretion; please refer to the Producer Statement Policy which can be found on Council's website for further details

<http://www.aucklandcouncil.govt.nz/EN/ratesbuildingproperty/consents/Consent%20documents/ac2301producerstatementpolicy.pdf>

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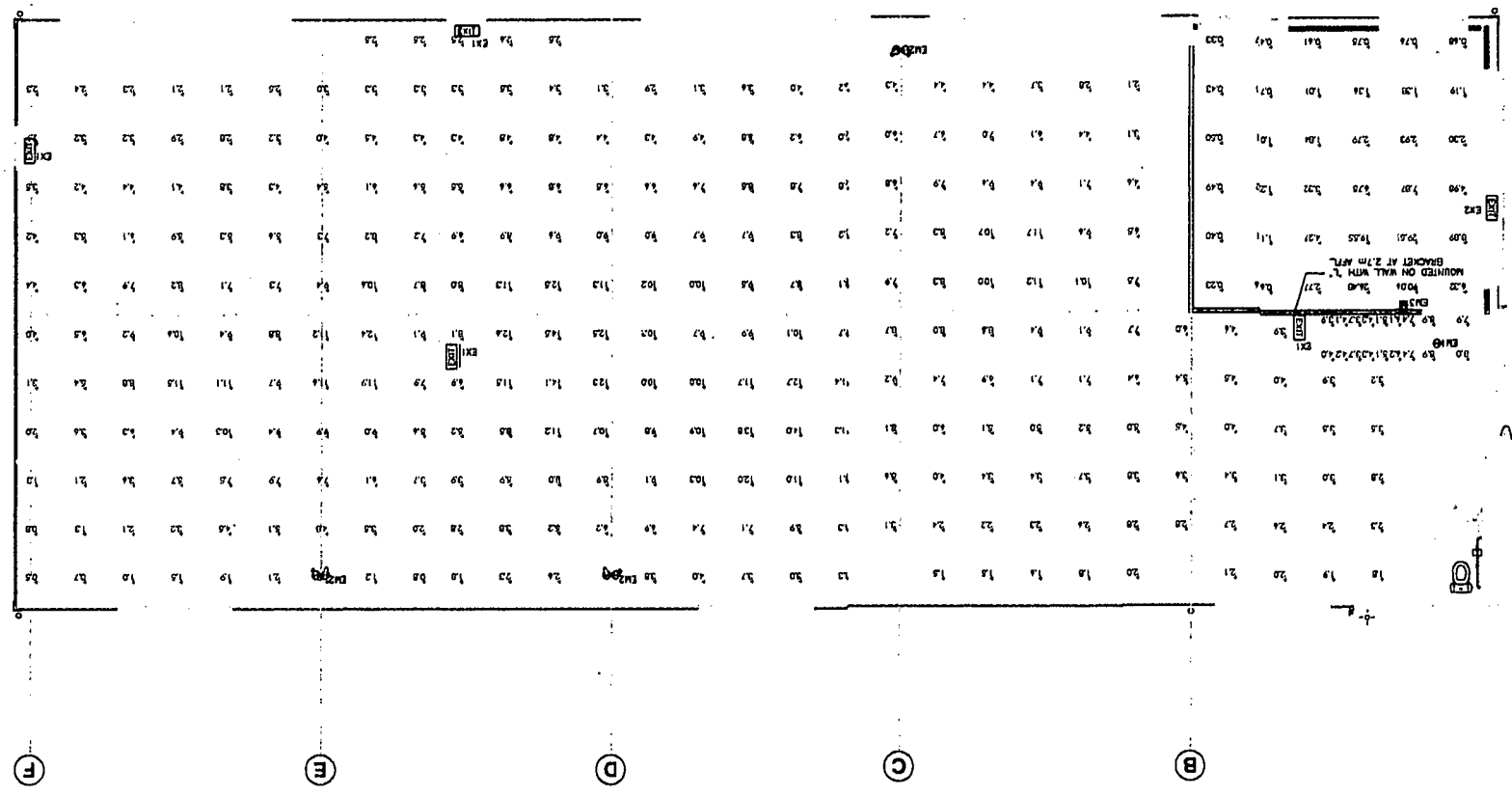
ELECTRICAL
ENGINEERING
DESIGN AND
CONSULTING LTD

CLEVERTRONICS

MATAKANA SAWMILL
EMERGENCY LIGHTING

EMERGENCY LIGHTING
LAYOUT & LUX PLOT

PROJECT NO. 17029 EM001	
SCALE: 1:100	DATE: 11/10/10
DRAWN: M.L.	CHECKED: M.L.
DESIGNED: M.L.	APPROVED: M.L.
REVISION: A	





MATAKANA SAWMILL
362 MATAKANA VALLEY ROAD
MATAKANA

ELECTRICAL SERVICES
EMERGENCY LIGHTING



ELECTRICAL
ENGINEERING
DESIGN AND
CONSULTING LTD

www.eedc.co.nz

PROJECT REF: 17029

LIGHTING LEGEND:

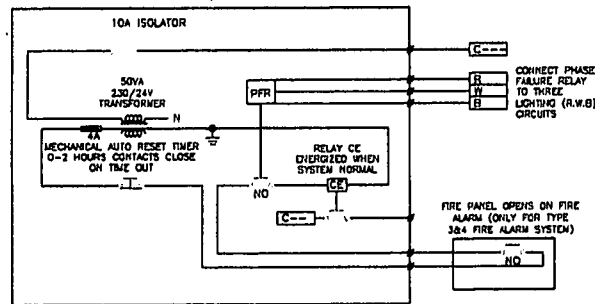
- EMERGENCY LUMINAIRE
- ILLUMINATED EXIT SIGN

LUMINAIRE SCHEDULE

- EM1 SELF-CONTAINED SURFACE MOUNTED EMERGENCY LIGHT COMPLETE WITH LED LAMP, LITHIUM IRON PHOSPHATE BATTERY, DRIVER, CLEVERTRONICS LP PREMIUM LIFEPO4 SURFACE MOUNT - CLIFE-SMS.
- EM2 SURFACE MOUNTED IP65 EMERGENCY FLOODLIGHT COMPLETE WITH 2 x LED HEAD LAMPS, LITHIUM IRON PHOSPHATE BATTERY, DRIVER, CLEVERTRONICS LP PREMIUM LED WEATHERPROOF SUPALITE FLOOD UNIT - CWFLD, TO BE MOUNTED AT 3.4m AFL UNLESS NOTED OTHERWISE. HAVING TO BE AS PER DIRECTIONAL ARROW AND LINES SHOWN IN THE DRAWING.
- EM3 SURFACE MOUNTED IP65 SQUARE WEATHERPROOF EMERGENCY LUMINAIRE COMPLETE WITH LED MODULE, LITHIUM IRON PHOSPHATE BATTERY, DRIVER, CLEVERTRONICS LP PREMIUM ARGONAUT SQUARE LED WEATHERPROOF - CWSQEDM, TO BE MOUNTED AT 2m AFL UNLESS NOTED OTHERWISE.
- EX1 WALL/CILING MOUNTED MAINTAINED IP66 WEATHERPROOF ILLUMINATED EXIT SIGN COMPLETE WITH 6 x LED LAMPS, LITHIUM IRON PHOSPHATE BATTERY, CLEVERTRONICS LP PREMIUM WEATHERPROOF EMERGENCY EXIT - CWELD, SINGLE SIDED, DOUBLE SIDED, DIRECTIONAL ARROW AS PER THE FIRE ENGINEERING REPORT, 24m VIEWING DISTANCE AS STANDARD, WHERE MOUNTED ON WALL OR SUSPENDED, MOUNTING HEIGHT TO BE 2.7m AFL.
- EX2 WALL/CILING MOUNTED MAINTAINED ILLUMINATED EXIT SIGN COMPLETE WITH 6 x LED LAMPS, LITHIUM IRON PHOSPHATE BATTERY, CLEVERTRONICS LP PREMIUM CLEVEREXIT EMERGENCY EXIT - CWELD, SINGLE SIDED, DOUBLE SIDED, DIRECTIONAL ARROW AS PER THE FIRE ENGINEERING REPORT, 24m VIEWING DISTANCE AS STANDARD.

NOTES

- THIS DOCUMENT IS PREPARED BY EEDC LTD ON BEHALF OF CLEVERTRONICS. ALL NOTES APPLY TO ALL DRAWINGS.
- EMERGENCY LIGHTING DESIGN IS BASED ON AVAILABLE INFORMATION SUCH AS ARCHITECTURAL DRAWINGS AND THE FIRE ENGINEERING REPORT, ETC. WHERE INFORMATION IS NOT AVAILABLE, ASSUMPTIONS ARE MADE BASED ON STANDARD PRACTICE AND OTHER AVAILABLE INFORMATION PRIOR TO MAKING AN ORDER. CONTROL COILING TYPE, INTERVAL COILING SPACE, THE MOUNTING TYPE OF EMERGENCY LIGHT FOR APPROPRIACY.
- THIS DOCUMENT AND ASSOCIATED DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, SERVICES DRAWINGS AND THE FIRE ENGINEERING REPORT.
- ALLOW FOR COORDINATION WITH OTHER SERVICES, WHICH SHALL BE DONE ON SITE.
- SUPPLY AND INSTALL AN EMERGENCY LIGHTING SYSTEM AS DETAILED IN THE DRAWING. THE EMERGENCY LIGHTING SYSTEM SHALL COMPLY IN ALL ASPECTS WITH AS 2283 AND NZBC F6 & F8.
- ALL ELECTRICAL INSTALLATION SHALL COMPLY WITH AS/NZS 3000.
- WHERE REQUIRED, PROVIDE SEISMIC RESTRAINT AS PER NZS 4210. WHERE PROVIDED AS A REQUIREMENT, DESIGN SHALL BE OBTAINED FROM THE QUALIFIED ENGINEER ALONG WITH ASSOCIATED PRODUCER STATEMENTS AS REQUIRED BY THE COUNCIL.
- FITTINGS SHALL BE SUPPLIED COMPLETE WITH ALL EQUIPMENT, INCLUDING LAMPS, BATTERY UNITS ETC, AND NECESSARY TO ACHIEVE 120 MINUTES OF OPERATION UNDER MAINS POWER FAILURE OF THE CONNECTED EGRESS LIGHTING CIRCUIT.
- EMERGENCY POWER SUPPLY FOR NON-MAINTAINED ILLUMINATED EXIT SIGN SHALL BE CONNECTED TO BOTH THE LOSS OF NORMAL POWER SUPPLY SENSING CIRCUIT AND TO THE SMOKE DETECTION CIRCUIT IF PRESENT. WHERE THERE ARE NO HARDWIRED SMOKE DETECTORS INSTALLED, ILLUMINATED EXIT SIGN SHALL BE OF MAINTAINED TYPE.
- EMERGENCY AND EXIT LUMINAIRES SHALL BE AS SPECIFIED AND NO ALTERNATIVES IS ALLOWED. THEY SHALL BE POSITIONED AND ORIENTED AS SHOWN IN THE DRAWING, REFER TO MANUFACTURER INSTRUCTION AND RECOMMENDATION FOR THE INSTALLATION OF FITTINGS AND FIXTURES.
- EMERGENCY AND EXIT LUMINAIRES SHOWN IN THE DRAWINGS PLACED ABOVE THE DOORWAYS SHALL BE MOUNTED 100mm ABOVE THE DOORFRAME.
- THE PRESS TO TEST BUTTON OF AN EMERGENCY AND EXIT LUMINAIRE SHALL BE ACCESSIBLE AS WELL AS VISIBLE.
- PROVIDE WARNING LABELS IMMEDIATELY ADJACENT TO THE CIRCUIT BREAKERS CONNECTED TO THE PHASE FAILURE RELAY, THE CONTROL AND 230V EMERGENCY LIGHTING SUPPLY CIRCUITS "WARNING INTERRUPTION SUPPLY WILL DISCHARGE EMERGENCY LIGHTING BATTERIES".
- THE CONTRACTOR TO PROVIDE ALL HARDWARE, SOFTWARE AND METHODOLOGY TO ACHIEVE A FULLY OPERATIONAL AND FUNCTIONAL SYSTEM.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW IN HIS TENDER TO HAVE THE EMERGENCY AND EXIT LIGHTING INSPECTED BY AN INDEPENDENTLY QUALIFIED PERSON AS DEEMED REQUIRED BY THE NZ BUILDING CODE FOR A COMPLIANCE SCHEDULE.



TYPICAL EMERGENCY LIGHTING TEST CIRCUIT

LOCATED IN A SEPARATE COMPARTMENT ADJACENT/INSIDE THE DISTRIBUTION BOARD SUPPLYING THE GENERAL LIGHTING OF THE AREA OF WORKS. CONTRACTOR SHALL SUPPLY/INSTALL ALL NECESSARY CIRCUITRY TO ACHIEVE THIS END.

REV.	DESCRIPTION	DATE	APPD	DATE
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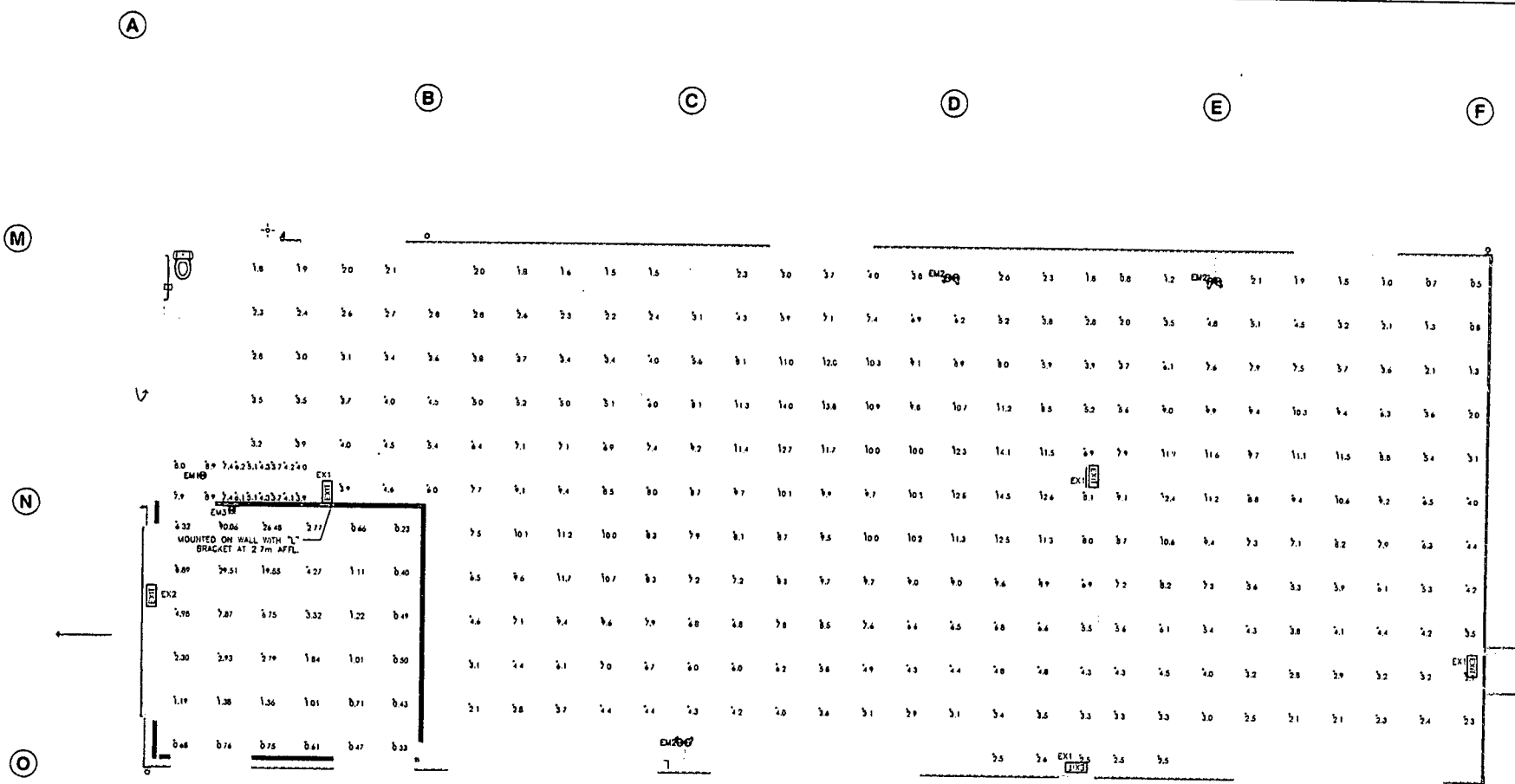
CONSULTANT:	ELECTRICAL ENGINEERING DESIGN AND CONSULTING LTD
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CLIENT:	CLEVERTRONICS
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PROJECT:	MATAKANA SAWMILL EMERGENCY LIGHTING
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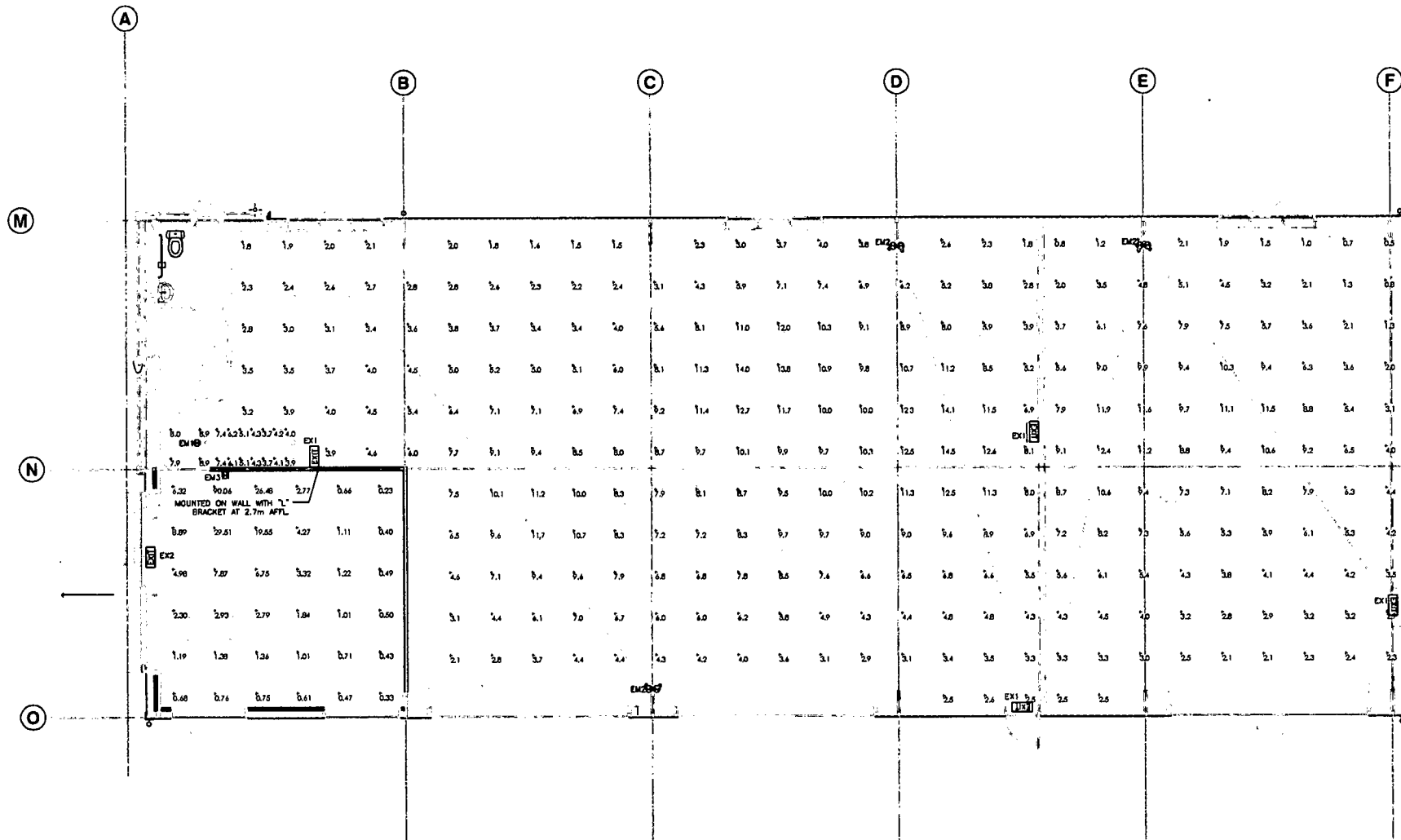
DRAWING TITLE:	LEGEND, NOTES, SINGLE LINE DIAGRAM & CALCULATION SUMMARY
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DESIGNED: KL	VERIFIED: KL
DRAWN: KL	APPROVED: -
SCALE: NTS	APPROVED FOR CONSTRUCTION: -
PROJECT No.	DRAWING No.
17029	EM000
	REVISION
	A



All light levels where Greater
or the same as the design and where
Still on after 2hrs
Simon Taylor
Dawco Electrical
Simon Taylor

CONSULTANT:  ELECTRICAL ENGINEERING DESIGN AND CONSULTING LTD		CLIENT: CLEVERTRONICS	PROJECT: MATAKANA SAWMILL EMERGENCY LIGHTING	DRAWING TITLE: EMERGENCY LIGHTING LAYOUT & LUX PLOT	DESIGNED: KL DRAWN: AL SCALE: HTS PROJECT No 17029	VERIFIED: KL APPROVED FOR CONSTRUCTION: APPROVED FOR CONSTRUCTION: DRAWING No EM001	REVISION A
REV. DESCRIPTION 1. EMERGENCY LIGHTING MEASUREMENTS 2. 21 05/11/17 3. 21 05/11/17		#ELECTRICAL ENGINEERING DESIGN AND CONSULTING LTD					



REV.	DESCRIPTION	DRAWN	APPRO	DATE
A	EMERGENCY LIGHTING DESIGN	HL	HL	03/04/17

CONSULTANT:



**ELECTRICAL
ENGINEERING
DESIGN AND
CONSULTING LTD**

CLIENT:

CLEVERTRONICS

PROJECT:

**MATAKANA SAWMILL
EMERGENCY LIGHTING**

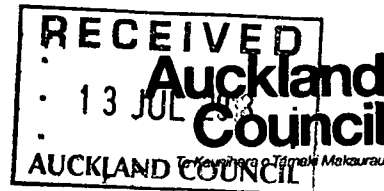
DRAWING TITLE:

**EMERGENCY LIGHTING
LAYOUT & LUX PLOT**

DESIGNED: KL	VERIFIED: KL
DRAWN: KL	APPROVED FOR TENDER: -
SCALE: NTS	APPROVED FOR CONSTRUCTION: -
PROJECT No. 17029 DRAWING No. EM001 REVISION A	

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Producer statement construction (PS3) Plumbing



All sections of this form must be completed

TO BE COMPLETED BY THE CERTIFYING PLUMBER WHO COMPLETED THE WORK

Author name:

RICK CHAPMAN

Building
consent No:

10260425

Author
company:

RICK CHAPMAN CONTRACTOR LTD.

Description of
plumbing work:

HOT & COLD WATER RETICULATION, WASTE, SOIL & ASSOCIATED VENT PIPE
AS PER NEW SHED.

Legal
description:

Site address:

362 MATAKANA VALLEY ROAD - MATAKANA

I have sighted the above building consent and read the attached conditions of consent, and confirm that the plumbing pipe work and fittings have been selected and constructed to comply with the consented plans. I confirm that I have personally tested the water supply system by the method indicated below:

- ☒ By pressurising the pipe work to ~~1500kPa~~ ^{1100 KPa} for a period of not less than 15 minutes (NZBC G12/AS1 7.5.1) (AS3500.4, 11.3 for 30mins, AS3500.5, 2.23.1 for 30mins) for both hot and cold water and checking to see that there are no leaks.
- ☐ By pressurising the u.p.v.c. cold water pipe work to 1.5 times the maximum working pressure for a period of not less than 15 minutes and checking to see that there are no leaks (NZBC G12/AS1, NZS7643 9.3.2)
- ☐ By pressurising the pipe work in accordance with the manufacturer's requirements (note the most robust test must be used)

Test report attached ☐ Yes ☒ No

I understand that this producer statement, if accepted, will be relied on by Council for the purposes of establishing compliance with the above building consent.

Signature:

Date:

31/05/2018

Certifying plumber registration No:

11449 ✓

Plumber contact details:

Address:

P.O. Box 28 MATAKANA

Postcode: 0948

Business:

0274 885 853

Fax:

Mobile:

Email:

rampage62@xtra.co.nz

COUNCIL USE ONLY

☐ Central ☐ Henderson ☐ Manukau ☐ Orewa ☐ Papakura ☐ Pukekohe ☒ Takapuna

Received by:

Don Juma

Register
checked:

YES

☒

NO

☐

Signature:

[Signature]

Registration
current:

YES

☒

NO

☐

Producer statement accepted as establishing compliance with the consented plans:

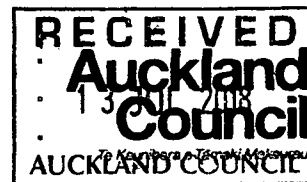
YES

☒

NO

☐

Producer statement construction (PS3) Drainage



All sections of this form must be completed

TO BE COMPLETED BY THE DRAINLAYER WHO COMPLETED THE WORK

Author's
name:

RICK CHAPMAN

Building consent
No:

102 60425

Author's
company:

RICK CHAPMAN CONTRACTOR LTD.

Description of
drainage
work:

UNDERSLAB SS DRAINAGE INCLUDING WALLACE WP250 LIFTING STATION
& RISING MAIN TO EXISTING SEPTIC TANK. DPSW DRAINAGE TO NEW WATER
TANK INCLUDING OVERFLOW DEPRESS. C/SEPTIC & 1/2 CHANCE DRAINAGE AS BUILT PLAN

Legal
description:

Site address:

362 MATAKANA VALLEY ROAD - MATAKANA

I have sighted the above building consent and read the attached conditions of consent. I confirm that the drainage pipe work and fittings have been selected and constructed to comply with the consented plans to the extent required by the above building consent and comply with clauses E1 and G.13 of the Building Regulations 1992

I hereby certify that I have personally tested the drainage system by the method indicated below:



NZ Building Code E1/VM1 air test in accordance with paragraph 8.3; or



AS/NZS 3500.2.2:2003 air test in accordance with clause 12.3.2; or



NZS 7643 water test in accordance with section 11.

I understand that Council will rely upon this producer statement, for the purposes of establishing compliance with the above building consent.

Signature:

[Signature]

Date:

13/06/2018

Certifying drainlayer's registration
No:

11449

Postcode:

Drainlayer's contact details:

Address:

P.O. Box 28 MATAKANA. 0948

Business:

0274 885853

Fax:

Mobile:

Email:

rampage2@extra.co.nz

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Received by:

Don Juma

Signature:

[Signature]

Register
checked:

YES



NO



Registration
current:

YES



NO



Producer statement accepted as establishing compliance with the consented plans:

YES



NO

