



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**

AUCKLAND COUNCIL

26 MAR 2018

CBD - ALBERT STREET

AUCKLAND COUNCIL

26 MAR 2018

OREWA

RECEIVED

28 MAR 2018

AUCKLAND COUNCIL

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.

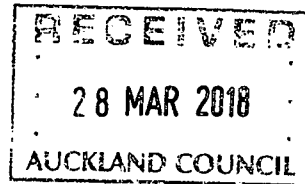
In accordance with the approved Building Consent conditions we enclose a Producer Statement – Construction Review for same.

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

RECEIVED
28 MAR 2018
AUCKLAND COUNCIL

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.*

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