

Building Control and City Rebuild Group

Producer statement design (PS1)

To be completed by the design professional who has been engaged to provide a PS1

Author name:

Michael King

Author company:

Centraus Consulting Ltd

Site address:

46A Pacific Road, North New Brighton, Christchurch 8083

Legal description:

LOT 50 (Flat 1) DP 29518 (Leasehold - 1/2 Share)

Engaged by: (owner's name)

Core Civil Solutions

To provide design services in respect of: ☒ part ☐ all

(describe work)

Concrete Slab on Grade and Foundation Partial Re-Levelling

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

NB: All statements must
include B2

The design has been prepared in accordance with:

☒ Approved documents issued by the Ministry of Business, Innovation and Employment (verification method / acceptable solution)

B1/VM1

☐ Alternative solution (attach schedule if required)

The proposed building work covered by this producer statement design is described on the drawings referenced below, together with the specifications and other documents set out in the schedule attached to this statement:

Drawing title:

Earthquake Repairs for 46A Pacific Road, North New Brighton, Christchurch 8083

Drawing numbers:

A0.00, A1.01, A2.01, A2.02, A2.03, A5.01, A7.01, A7.02, A7.03

The producer statement is subject to:

(i) Site verification of the following design assumptions:

(ii) All proprietary products meeting their performance specification requirements

I believe on reasonable grounds that the proposed building work, will comply with the relevant provisions of the Building Code if constructed in accordance with the drawings, specifications and other documents provided or listed with this statement.

I understand that the Council may rely on this producer statement for the purposes of establishing compliance with the relevant provisions of the Building Act 2004, Building Regulations and Building Code. I confirm that I hold a current policy of professional indemnity insurance to the value required by the Council.

Construction monitoring is: ☐ Not required ☒ Required

If required, please list below:

Before lifting operation
After completion for the purpose of completing a PS4

(Agreement must be attached)

Signature:



Date:

15 September 2015

☒ ACENZ

☒ IPENZ

☒ CPENG

☐ NZIA

☐ Other (specify):

1022085

(Membership number)

Practice Area:

Structural Engineering

Address:

Level 2, 61 Cambridge Terrace, Christchurch

Postcode:

8013

Phone:

03 374 9878

Fax:

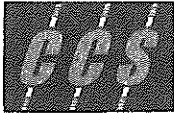
Mobile:

021 35 6751

Email:

michael.king@centraus.co.nz

Comments:



PRODUCER STATEMENT PS3 – CONSTRUCTION

At project completion, this form shall be completed by the building contractor and supplied to the Engineer.

ISSUED BY: Core Civil Solutions Nz Ltd
(Building Contractor)

ENGAGED BY: Interex Projects
(Owner/Principal)

IN RESPECT OF: Re-level, void fill and slab lift of Type 'C' Foundation
(Description of Contract Works/Scope of work covered by statement, including product used if applicable)

AT: 46a Pacific Road, North New Brighton
(Project Address)

T/A: CCC **BUILDING CONSENT No:** BCN/2015/9256 **NZBC CLAUSES (if appl):**
(Territorial Authority/Building Consent Authority)

The above Building Contractor has contracted to the above Owner/Principal to carry out and complete certain building works in accords with the contract, titled

46a Pacific Road, North New Brighton ("the contract")
(Title of building contract)

I Paul Cumming..... a duly authorised representative of the
(Contractor's Authorised Agent)

above building contractor, believe on reasonable grounds that the above building contractor has carried out and completed

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

..... LBP No (if appl)N/A.....
(Signature of Authorised Agent on behalf of the Building Contractor)

09/10/15
(Date)

34 Brisbane Street
Christchurch
(Address)

This produced statement is confirmation by the contractor that they have carried out the building work in accordance with the drawings, specification (and site amendments) that are part of the contract/building consent documents.

Work covered by this statement should have been supervised and checked by suitably qualified tradespersons.

The Engineer requires this producer statement and a copy of the T/A's building consent conditions, to confirm that items of the contract that he has not personally examined, have in fact been built according to the documents, so that the Engineer may issue appropriate documents to the T/A for it to release the Code of Compliance Certificate.

- Carpet, vinyl, tile floor coverings to be removed before relavelling commences

- Patios/Decks/Paths/Concrete steps/Driveway may need removed to level house, to be reinstated there alter. This is to be discussed and confirmed before work commence.

Project mana

Name:

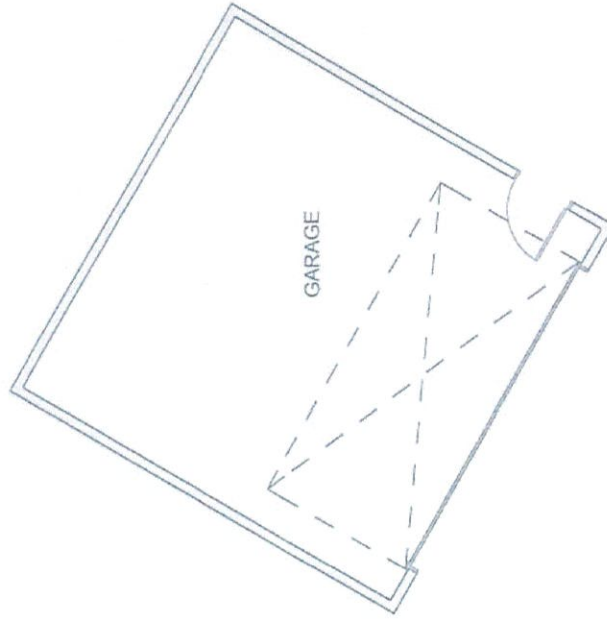
Signature:

Date of
level taken:

N



New zero Datum



Step at door off 40mm

LOUNGE
SUNROOM

LIVING ROOM

KITCHEN

LAUNDRY

BATHROOM

BEDROOM 1

BEDROOM 2

BEDROOM 2

GARAGE

630 630

every thing under windows

Date of level taken: 1/10/10



New zero Datum



Step at door off 40mm + 30mm

every thing under 50
under 40



STRUCTURAL OBSERVATION REPORT

Project: JN 150070Y – 46A Pacific Road
Location: 46a Pacific Road, New Brighton, Christchurch

Present: Michael King (Centraus), Roanna Jackson (CCS)
Site Visit Date: 30 September 2015 – 10:00am -10:30am
Report by: Michael King
Report Date: 30 September 2015

OBSERVED CONSTRUCTION PROGRESS

- Relevel of buildings is about to start with most of the jacks installed under the foundation and internal jacks in the slab on grade interior.
- Foundation will be lifted later this week.
- Slab on grade appears to be very thin with some areas under 50mm thick. Average appears to be 75-100 thick.
- There is two areas of cracking in the lounge and back bedroom. These areas noted to be very thin.

NOTES AND INSTRUCTION

- The cracks should be filled with epoxy after the lift is complete. The cracks should have timber straps placed before the lift to ensure that the cracks do not get any wider. As the slabs are so thin there does not appear any possibility of the installation of starter bars for slab repairs so placement of the concrete in the patches shall extend under the existing concrete to create a "lip" that will support the old concrete on the new concrete in lieu of starter bars. The concrete shall extend under the existing slab for a min of 100mm and be a minimum of 100mm below the existing slab. The cold joint should be filled with epoxy.

ATTACHMENTS

- Photos



PHOTOS



Front Elevation – Pits installed



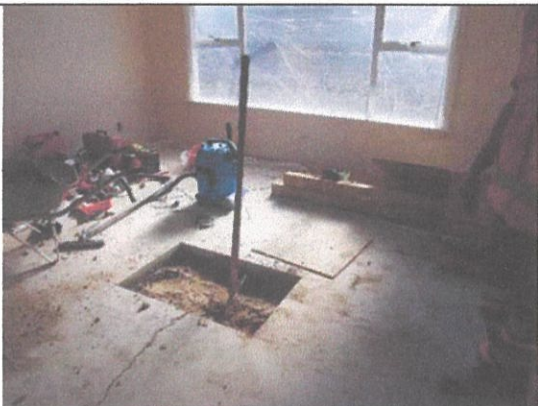
Exterior lifting pits – Sandy soils



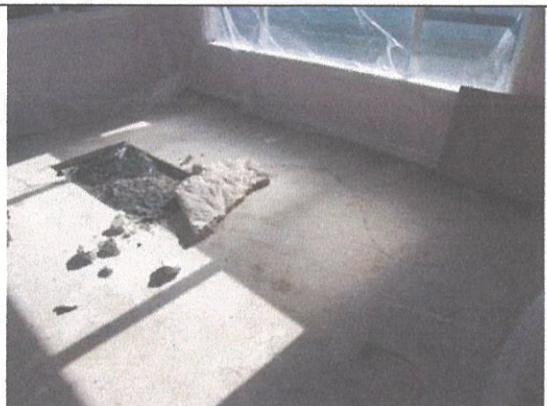
Side of house



Side of house



Interior lifting jack in Lounge with floor crack in area and thin concrete ~50mm



Interior lifting jack in back bedroom with floor crack in area and thin concrete ~50mm



STRUCTURAL OBSERVATION REPORT

Project: JN 150070Y – 46a Pacific Road
Location: 46a Pacific Road, New Brighton, Christchurch

Present: Michael King (Centraus)
Site Visit Date: 6 October 2015 – 10:30am - 11:00am
Report by: Michael King
Report Date: 6 October 2015

OBSERVED CONSTRUCTION PROGRESS

- Relevel of buildings is substantially complete
- Interior cracks still to be repaired.

NOTES AND INSTRUCTION

- As noted in our previous inspection – cracks to be epoxy filled.

ATTACHMENTS

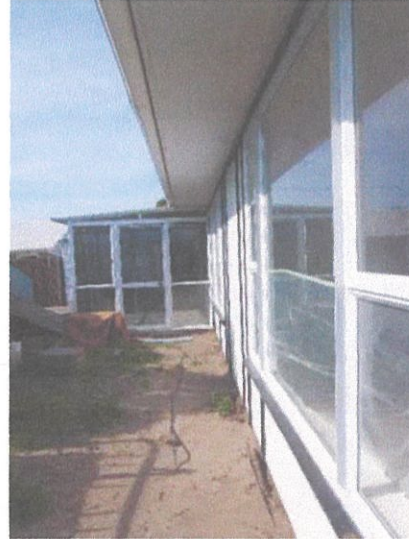
- Photos



PHOTOS



Front Elevation - Exterior lifting pits filled in.



Building Rear - Exterior lifting pits filled in.



Building End - Exterior lifting pits filled in.



Building End - Exterior lifting pits filled in.



Interior lifting pits filled in but cracks not repaired yet.



Building Front - Exterior lifting pits filled in..



Building Control and City Rebuild Group

Producer statement construction review (PS4)

To be completed by the design professional who has been engaged to observe construction

Author name:

Michael King

Author company:

Centraus Structural Consultants

Building consent number:

BCN / 2015 / 9256

Site address:

46a Pacific Road, North New Brighton, Christchurch 8083

Legal Description:

LOT 50 (Flat 1) DP 29518 (Leasehold - 1/2 share)

Engaged by:

Core Civil Solutions NZ Ltd

(owner's name)

I confirm that I have sighted the above building consent and read the attached conditions of consent. Further, based upon my observations and information supplied by the contractor during the course of construction I believe on reasonable grounds that the building work has been completed in accordance with the building consent and consented plans.

☒ Diary notes, inspection records attached

Description of building work observed:

Concrete slab on grade and foundation partial re-levelling and crack and foundation repairs

NZBC clauses:

[select as applicable]

NB: all statements must include B2

- | | | | | | | | | | | | |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <input checked="" type="checkbox"/> B1 | <input type="checkbox"/> B2 | <input type="checkbox"/> C1 | <input type="checkbox"/> C2 | <input type="checkbox"/> C3 | <input type="checkbox"/> C4 | <input type="checkbox"/> C5 | <input type="checkbox"/> C6 | <input type="checkbox"/> D1 | <input type="checkbox"/> D2 | <input type="checkbox"/> E1 | <input type="checkbox"/> E2 |
| <input type="checkbox"/> E3 | <input type="checkbox"/> F1 | <input type="checkbox"/> F2 | <input type="checkbox"/> F3 | <input type="checkbox"/> F4 | <input type="checkbox"/> F5 | <input type="checkbox"/> F6 | <input type="checkbox"/> F7 | <input type="checkbox"/> F8 | <input type="checkbox"/> G1 | <input type="checkbox"/> G2 | <input type="checkbox"/> G3 |
| <input type="checkbox"/> G4 | <input type="checkbox"/> G5 | <input type="checkbox"/> G6 | <input type="checkbox"/> G7 | <input type="checkbox"/> G8 | <input type="checkbox"/> G9 | <input type="checkbox"/> G10 | <input type="checkbox"/> G11 | <input type="checkbox"/> G12 | <input type="checkbox"/> G13 | <input type="checkbox"/> G14 | <input type="checkbox"/> G15 |
| <input type="checkbox"/> H1 | | | | | | | | | | | |

I understand that this Producer Statement, if accepted, may be relied on by Council for the purpose of establishing compliance with the Building Consent.

Signature:



Date:

6th October 2015

☐ ACENZ ☒ IPENZ ☐ CPENG ☐ NZIA ☐ Other (specify): 1022085

(Membership number)

Address:

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Postcode:

8013

Phone:

+64 03 374 9878

Fax:

None

Mobile:

+64 021 35 6751

Email:

Michael.King@Centraus.co.nz