

SEISMIC RISK BUILDINGS - SURVEY

GENERAL

Date Inspected: 18/12/1991 File No: _____
 Address of Building: 7 Riccarton Rd
 Legal Description of Site: _____
 Name of Owner: _____
 Address of Owner: _____
 Principal Tenants: Oakley's Fruit, grain, produce Ltd
 Occupancy: (please tick) 8 hours 24 hours 5 days 7 days
 Use (eg. Office, Workroom, Factory, Commercial, Storage, Other): _____

STRUCTURE

Date of Construction: _____
 Building Dimensions: Width: _____ Length: _____ Height: _____

Number of Storeys: <u>2</u>	Foundation Type:	Structural System:	Building:
Mezzanine <input type="checkbox"/>	Strip Footing: <input type="checkbox"/>	Frame <input type="checkbox"/>	Original Form <input type="checkbox"/>
Basement <input type="checkbox"/>	Raft <input type="checkbox"/>	Shear Wall <input type="checkbox"/>	Minor Alterations <input checked="" type="checkbox"/>
	Piles <input type="checkbox"/>	LBM B&C <input checked="" type="checkbox"/>	Substantial Alterations <input type="checkbox"/>
Floor:	Roof Coverings:	Number of Stairs: <u>1</u>	Ground Conditions:
FC <input type="checkbox"/>	Concrete <input type="checkbox"/>	Type:	Rock <input type="checkbox"/>
Wood <input checked="" type="checkbox"/>	Asphalt <input type="checkbox"/>	Wood <input checked="" type="checkbox"/>	Gravel <input type="checkbox"/>
Eff Diaph <input type="checkbox"/>	Galv Iron <input checked="" type="checkbox"/>	Steel <input type="checkbox"/>	Sand <input type="checkbox"/>
Non Eff <input checked="" type="checkbox"/>	Corr Asbestos <input type="checkbox"/>	FC <input type="checkbox"/>	Clay <input type="checkbox"/>
	Tiles <input type="checkbox"/>		Fill <input type="checkbox"/>
Roof:	Chimneys:	Roof Diaphragm:	Number of Lifts:
Pitched <input checked="" type="checkbox"/>	Brick <input type="checkbox"/>	Effective <input type="checkbox"/>	Open <input type="checkbox"/>
Flat <input type="checkbox"/>	Other <input type="checkbox"/>	Non Effective <input checked="" type="checkbox"/>	Enclosed <input type="checkbox"/>

Bearing Walls: Brick - OKs Wall Bands: Yes/No
 Street Walls: Brick Column Continuity: Yes/No _____
 Parapets: 1.5-2m brick - OKs
 Verandahs: Timber, maintenance is poor
 Appendages: _____
 Wheelchair Access: Good

NON STRUCTURAL

Partitions: Brick/Timber
 Ceilings: Wood

DAMAGE

Cracked Walls Lateral Displacement Settlement
 Remarks: Parapet is cracked

STRUCTURAL

Poor Fair Good
 Hazards: Parapets

GENERAL Alterations at ground floor. Addition of beams and concrete frame for shop front

NUMERICAL RATING

Maintenance	
Storeys	
Appendages	
Public Access	
Wall Continuity	
Time Occupied	
Internal Walls	
Persons Occupied	
Foundations	
Date Built	
Total	<u>13</u>

class 13

TABLE 1 BUILDING ASSESSMENT

BUI.RIC007.0014.2

	Numerical Rating		
	2	1	0
General Standard of Maintenance	Poor ✓	Fair	Good
Appendages on Street Frontage	Significant amounts of masonry ✓	Minor	Nil
Continuity of External Walls	No continuity	Reasonable continuity ✓	Full Structural Continuity
Effectiveness of Internal Frames	Non-existent	Some Moment Resistance ✓	Fully Effective
Foundation Conditions	Bearing Capacity less than ½ T/ft ²	Gravels etc. Bearing > ½ T/ft ² ✓	Rock
Number of Storeys	More than 4	2 to 4 ✓	1
Public Assessibility	Central City	Suburban Commercial /Industrial ✓	Residential
Time Building Occupied	More than 50 hours/week	More than 8 less than 50 hours/week ✓	Less than 8 hours/week
Persons in Building When Occupied	More than 4 persons per 1,000 sq. ft.	More than 2 less than 4 persons per 1,000 sq. ft. ✓	Less than 2 persons per 1,000 sq. ft.
Date of Construction	Before 1920 ✓	Between 1920 and 1935	After 1935

TABLE 2 BUILDING CLASSIFICATION & REQUIRED ACTION

Total Numerical Rating	Building Classification	Recommended Action
15 and over	A	Immediate Action under Section 301A of Municipal Corporations Act.
12, 13, 14, 15	B	Remedial action within two years
9, 10, 11, 12	C	Remedial action within ten years.
9 and under	D	Probably adequate if building is well maintained.

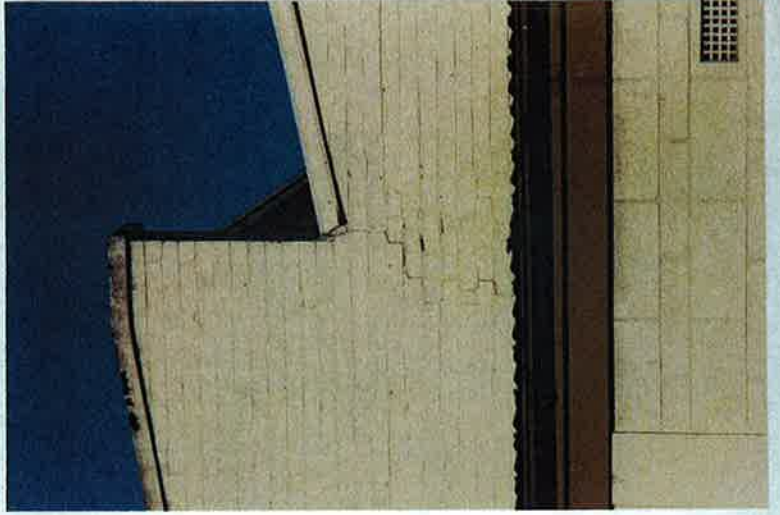
LACKS IN PARAPET



CRACKED PARAPET SIDE - NOTE WEEDS GROWING



SIDE WALL
(CAR PARK)



HAZARDOUS APPENDAGE SURVEY

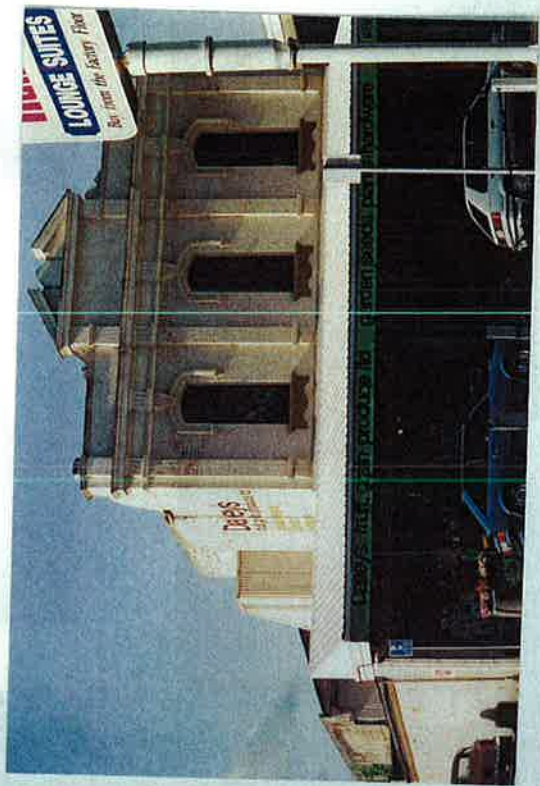
Address:
Legal Desc.:
Owner: 7 Riccarton Road
Date: 15/2/03 Date Building Built: ~ 1910
BU/40/

Parapet: 1.2m cracked
Chimney: low
Cornice: 200mm overhang

Loose Masonry:
Mortar Deterioration:
Cracking: Significant / Noticeable / Minor
Significant / Noticeable / Minor
Significant / Noticeable / Minor

Photo Reference:

Comments: Robey



RICC 28

Christchurch Eq. RAPID Assessment Form - LEVEL 1

Inspector Initials MH Date of Inspection 6/9/10 Exterior Only
 Territorial Authority Christchurch City Time 12:38 Exterior and Interior

Building Name St Clair 1st & 2nd Mm 9
Short Name BOOK MANNING **Type of Construction**
Address 7 RUGGARDEN RD Timber frame Concrete shear wall
 Steel frame Unreinforced masonry
 Tilt-up concrete Reinforced masonry
 Concrete frame Confined masonry
 RC frame with masonry infill Other:
GPS Co-ordinates S° _____ E° _____
Contact Name _____
Contact Phone _____
Stores at and above ground level 2 Below ground level 7 **Primary Occupancy**
 Dwelling Commercial/ Offices
Total gross floor area (m²) _____ Year built 7 Other residential Industrial
No of residential Units 1 Public assembly Government
 School Heritage Listed
 Religious Other
Photo Taken Yes No

Investigate the building for the conditions listed below:

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Building or storey leaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall or other structural damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overhead falling hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, settlement, slips	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Neighbouring building hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Choose a posting based on the evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance.

INSPECTED GREEN

RESTRICTED USE YELLOW

UNSAFE RED

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Level 2 or detailed engineering evaluation recommended
 - Structural
 - Geotechnical
 - Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input type="checkbox"/>		
0-1 %	<input type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Sign here on completion

 Date & Time 6/9/10
 ID _____

Inspection ID MH628 (Office Use Only)

Propri 873627
 Lot 2 DP 29778

Christchurch Eq RAPID Assessment Form - LEVEL 2

Inspector Initials: DAK Date: 7.9.10 Final Posting (e.g. UNSAFE): G1
 Territorial Authority: Christchurch City Time: 11:00am

Building Name		Type of Construction	
Short Name	_____	<input type="checkbox"/> Timber frame	<input type="checkbox"/> Concrete shear wall
Address	<u>7 Riccarton Rd</u>	<input type="checkbox"/> Steel frame	<input checked="" type="checkbox"/> Unreinforced masonry
GPS Co-ordinates	S° _____ E° _____	<input type="checkbox"/> Tilt-up concrete	<input type="checkbox"/> Reinforced masonry
Contact Name	<u>Morris North</u>	<input type="checkbox"/> Concrete frame	<input type="checkbox"/> Confined masonry
Contact Phone	<u>358 6505</u>	<input type="checkbox"/> RC frame with masonry infill	<input type="checkbox"/> Other:
Stores at and above ground level	<u>2</u>	Primary Occupancy	
Total gross floor area (m ²)	_____	<input type="checkbox"/> Dwelling	<input checked="" type="checkbox"/> Commercial/ Offices
No of residential Units	_____	<input type="checkbox"/> Other residential	<input type="checkbox"/> Industrial
Photo Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Public assembly	<input type="checkbox"/> Government
		<input type="checkbox"/> School	<input type="checkbox"/> Heritage Listed
		<input type="checkbox"/> Religious	<input type="checkbox"/> Other

Investigate the building for the conditions listed on page 1 and 2, and check the appropriate column. A sketch may be added on page 3

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Building or storey leaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall or other structural damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Cracks above window lintels and new</u> <u>perceivable</u> <u>currently stable</u>
Overhead falling hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, settlement, slips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Neighbouring building hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical, gas, sewerage, water, hazmats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Record any existing placard on this building:

Existing Placard Type (e.g. UNSAFE): Green

Choose a new posting based on the new evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance. Transfer the chosen posting to the top of this page.

INSPECTED GREEN G1 G2 RESTRICTED USE YELLOW Y1 Y2 UNSAFE RED R1 R2 R3

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Detailed engineering evaluation recommended
 - Structural
 - Geotechnical
 - Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input checked="" type="checkbox"/>		
0-1 %	<input type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Inspection ID: _____ (Office Use Only)

Sign here on completion

DAK

Date & Time: 7.9.10 11:00am
ID: CPEng 202002

Structural Hazards/ Damage	Minor/None	Moderate	Severe	Comments
Foundations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Roofs, floors (vertical load)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Columns, pilasters, corbels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Diaphragms, horizontal bracing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-cast connections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Beam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-structural Hazards / Damage				
Parapets, ornamentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cladding, glazing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ceilings, light fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Interior walls, partitions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Elevators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stairs/ Exits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Utilities (eg. gas, electricity, water)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Geotechnical Hazards / Damage				
Slope failure, debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, fissures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil bulging, liquefaction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General Comment *Over 100 yr old brick building. Walked exterior and interior. Cracks to hotel areas and near parapets. No injur from or distor from. Building in very poor state of repair prior to 2012*

Usability Category

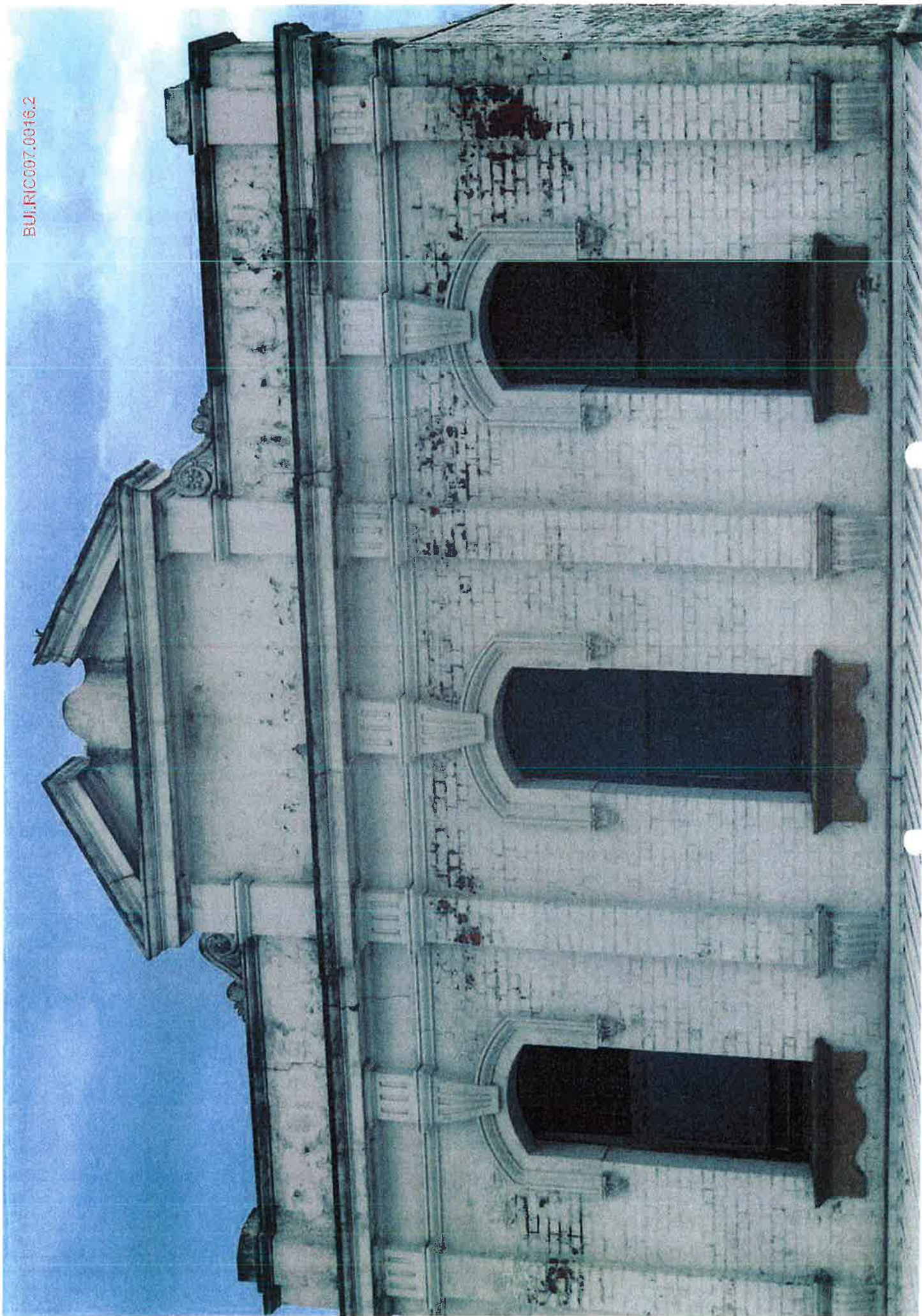
Damage Intensity	Posting	Usability Category	Remarks
Light damage	Inspected (Green)	G1. Occupiable, no immediate further investigation required	
Low risk		G2. Occupiable, repairs required.	
Medium damage	Restricted Use (Yellow)	Y1. Short term entry	
Medium risk		Y2. No entry to parts until repaired or demolished	
Heavy damage	Unsafe (Red)	R1. Significant damage: repairs, strengthening possible	
High risk		R2. Severe damage: demolition likely	
		R3. At risk from adjacent premises or from ground failure	

2 Inspection ID: _____ (Office Use Only)

BUI.RIC007.0016.1

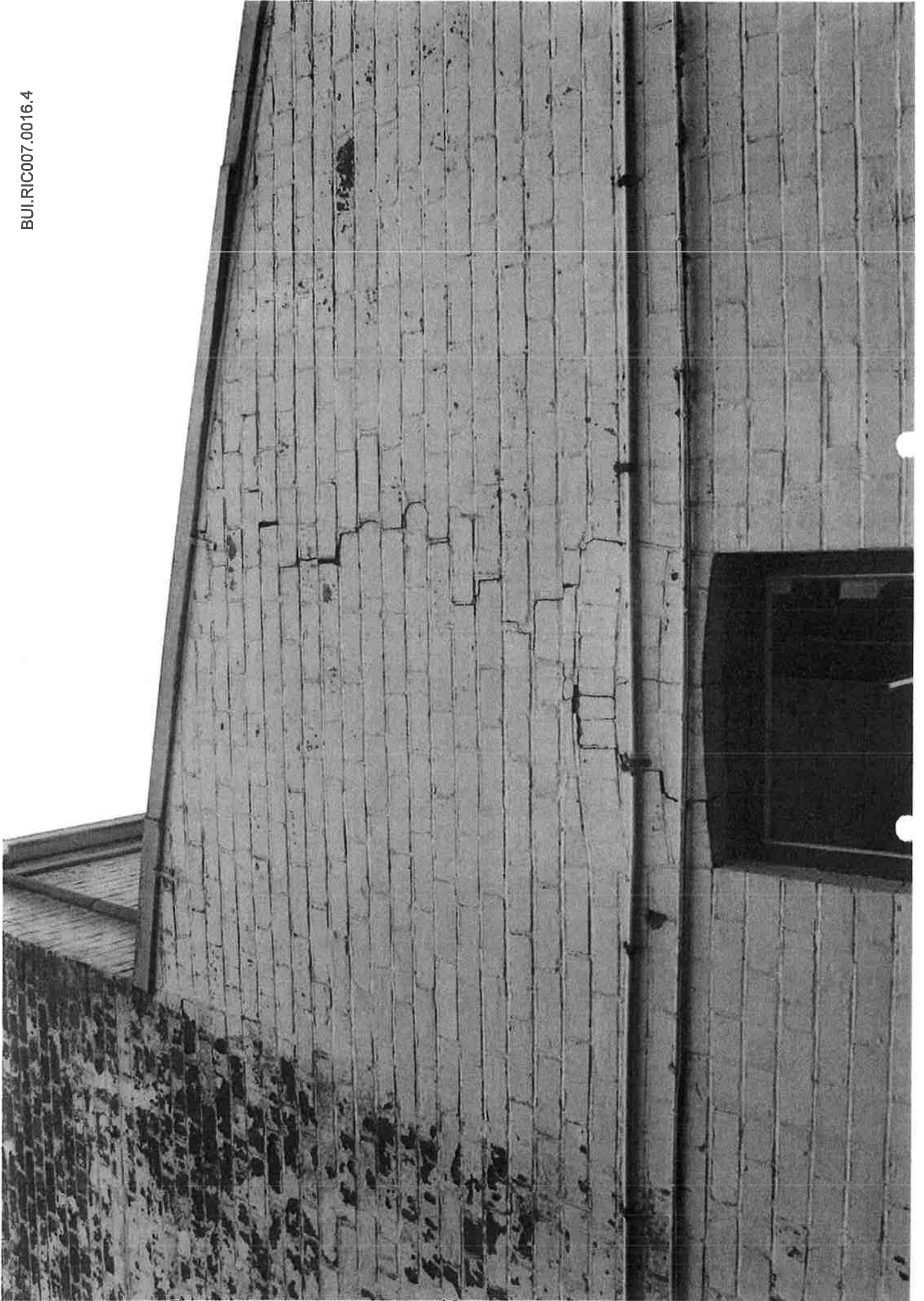


BUJ.RIC007.0016.2





BUI.RIC007.0016.4



BUI.RIC007.0016.5





BUJ.RIC007.0016.6

BUI.RIC007.0016.7



BUI.RIC007.0016.8



BUI.RIC007.0016.9



[Main](#) | [Contacts](#) | [Events](#) | [Workflow](#) | [Renewals](#) | [Fees/Invoicing](#) | [Extra Information](#) | [Resolution](#) | [Same Road/Type](#) | [Documents](#) | [My WorkSmart](#) | [Other](#)

WorkSmart Details			
Group	<input checked="" type="checkbox"/> CSR	CUSTOMER SERVICE REQUESTS	Number <input checked="" type="checkbox"/> 91169984
House No	Alpha/Unit	Road Name	
Road Type	Road Suffix	Property Type	
Property ID	873627	7 RICCARTON ROAD, RICCARTON, CHRISTCHURCH 8004	
Loctn Descn	St Christophers Book Shop		
Details	Brick and concrete facade badly cracked, caller concerned it could fall down on pedestrians. Structural engineer says with another significant tremor it could come down. Will require another council check since yesterday's check which was given a		Status <input checked="" type="checkbox"/> COMPLETE
			Status Chg Date <input checked="" type="checkbox"/> 29/10/2010
Last Pmry Event	Building Inspected Determined Safe Green Placard		Expiry Date
Type	<input checked="" type="checkbox"/> CDE	Civil Defence Emergency	Priority <input checked="" type="checkbox"/> H HIGH CIVIL DEFENCE
App. Recd Date	<input checked="" type="checkbox"/> 08/09/2010	Time Recd <input checked="" type="checkbox"/> 10:58 am	Start Date <input checked="" type="checkbox"/> 08/09/2010
			SubType <input checked="" type="checkbox"/> HAZEN HAZARDOUS ENVIR
Other Ref 1	Other Ref 2		
Receiving	<input checked="" type="checkbox"/> AB5	Adam, Beth	Authorising SM7 SINCLAIR, Murray
Handling	<input checked="" type="checkbox"/> EOC	Emergency Operations Centre	External
rea		Ren Fee Level	
Contact Details			
First Contact	NORTH, MORRIS		Email
Home	3585 505	Business	Mobile
Mailing Address	BOOK SHOP OWNER		
Second Contact			Email

Record is being updated



IntraRFS

[Previous Results](#)

[New Search](#) | [Event Information](#) | [Information Out Of Date!](#)

RFS Main Data					
RFS Group	CSR	RFS Number	91169984	Receiving Officer	Beth Adam
RFS Type	CDE - Civil Defence Emergency		Handling Officer	Civil Defence Emergency Operations Centre	
RFS Sub-Type	HAZENV - Hazardous Environment		Authorising Officer	Murray SINCLAIR	
Date Received	08/09/2010		Function Field	CDE - Civil Defence Emergency	
RFS Status	F - Complete		External Reference		
RFS Details	Brick and concrete facade badly cracked, caller concerned it could fall down on pedestrians. Structural engineer says with another significant tremor it could come down. Will require another council check since yesterday's check which was given a green notice status.				

Address Details	
Location	7 RICCARTON ROAD
Suburb	RICCARTON
Location Description	St Christophers Book Shop
Land Parcel(s)	LOT 2 DP 29778
Prupi	873627
Ward	Property located in Riccarton-Wigram Ward
Location of Property Information	Property File off-site. Phone 941 8999 to request file (ex Sockburn)

First Contact Person Details	
Name	MORRIS NORTH
Person ID Number	
Phone (Hm)	3585 505
Phone (Mb)	
Phone(Wk)	
Mailing Address for this RFS	

RFS Event Details						
Event Code	Stage No	Action Code	Event Status	Actual Officer	Planned Officer	Event Date/Time
BGN			C - Completed	Anne Homer		12/10/2010-12:00
Event Details: Superseded by CSR 91176721 enforcement.						
COM			C - Completed	Philip Hector		15/09/2010-12:33
Event Details: Spoke to owner of the bookshop and he advised that the structural engineers (Au recom) had evaluated the building and advised now suitable for occupation. Eng ineers have advised that structural strengthening required in the future. Tene nt to forward the report for filing to database.						
RF			C - Completed	JUDITH BAIN		10/09/2010-10:45
Event Details: Service Request referred to EOC Emergency Operations Centre, Civil Defence (cd.messages@ccc.govt.nz)						
CCN			C - Completed			10/09/2010-10:44
Event Details: Mr North has requested a further inspection after Wed quake						
RF			C - Completed	Beth Adam		08/09/2010-11:01
Event Details: Service Request referred to EOC Emergency Operations Centre, Civil Defence (cd.messages@ccc.govt.nz)						

[Top of Page](#)

All data displayed is a copy of the GEMS data at most 24 hours out of date unless specified below:
IMPORTANT - Analysis details last updated 14/02/2006
Top of Page

Version: 1.0.0.4 Release: 11 Sep 2008

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Christchurch Eq RAPID Assessment Form - LEVEL 2

Inspector Initials: D.F.E. Date: 9.9.10 Final Posting (e.g. UNSAFE): G1
 Territorial Authority: Christchurch City Time: 1:00 pm

Building Name		Type of Construction	
Short Name	_____	<input type="checkbox"/> Timber frame	<input type="checkbox"/> Concrete shear wall
Address	<u>7 Riccarton Rd</u>	<input type="checkbox"/> Steel frame	<input checked="" type="checkbox"/> Unreinforced masonry
GPS Co-ordinates	S° _____ E° _____	<input type="checkbox"/> Till-up concrete	<input type="checkbox"/> Reinforced masonry
Contact Name	<u>Morris North</u>	<input type="checkbox"/> Concrete frame	<input type="checkbox"/> Confined masonry
Contact Phone	<u>3585505</u>	<input type="checkbox"/> RC frame with masonry infill	<input type="checkbox"/> Other:
Stores at and above ground level	<u>2</u>	Primary Occupancy	
Total gross floor area (m ²)	_____	<input type="checkbox"/> Dwelling	<input checked="" type="checkbox"/> Commercial/ Offices
No of residential Units	_____	<input type="checkbox"/> Other residential	<input type="checkbox"/> Industrial
Photo Taken	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<input type="checkbox"/> Public assembly	<input type="checkbox"/> Government
		<input type="checkbox"/> School	<input type="checkbox"/> Heritage Listed
		<input type="checkbox"/> Religious	<input type="checkbox"/> Other

Investigate the building for the conditions listed on page 1 and 2, and check the appropriate column. A sketch may be added on page 3

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Building or storey leaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Second story falling more</u>
Wall or other structural damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>after shocks. Only outside</u>
Overhead falling hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>reviewed the change to</u>
Ground movement, settlement, slips	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>assessment made</u>
Neighbouring building hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical, gas, sewerage, water, hazmats	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Record any existing placard on this building:

Existing Placard Type (e.g. UNSAFE): Green

Choose a new posting based on the new evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance. Transfer the chosen posting to the top of this page.

INSPECTED **GREEN** G1 G2 RESTRICTED USE **YELLOW** Y1 Y2 UNSAFE **RED** R1 R2 R3

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Detailed engineering evaluation recommended
 - Structural
 - Geotechnical
 - Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input type="checkbox"/>		<input type="checkbox"/>
0-1 %	<input type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Inspection ID: _____ (Office Use Only)

Sign here on completion

D. F. E.

Date & Time: 9.9.10 1:00 pm
 ID: C. Perry 702002

Structural Hazards/ Damage	Minor/None	Moderate	Severe	Comments
Foundations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Roofs, floors (vertical load)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Columns, pilasters, corbels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Diaphragms, horizontal bracing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-cast connections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Beam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-structural Hazards / Damage				
Parapets, ornamentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cladding, glazing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ceilings, light fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Interior walls, partitions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Elevators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stairs/ Exits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Utilities (eg. gas, electricity, water)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Geotechnical Hazards / Damage				
Slope failure, debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, fissures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil bulging, liquefaction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General Comment *Checked front parapet and west wall. could not observe
 sink charge. Parapet still looks vertical and
 stable*

Usability Category

Damage Intensity	Posting	Usability Category	Remarks
Light damage	Inspected (Green)	G1. Occupiable, no immediate further investigation required	
Low risk		G2. Occupiable, repairs required.	
Medium damage	Restricted Use (Yellow)	Y1. Short term entry	
Medium risk		Y2. No entry to parts until repaired or demolished	
Heavy damage	Unsafe (Red)	R1. Significant damage: repairs, strengthening possible	
High risk		R2. Severe damage: demolition likely	
		R3. At risk from adjacent premises or from ground failure	

Christchurch Eq RAPID Assessment Form - LEVEL 2

Inspector Initials
Territorial Authority

DA4
Christchurch City

Date
Time

7.9.10
11:00am

Final Posting
(e.g. UNSAFE)

G1

Building Name		Type of Construction	
Short Name		<input type="checkbox"/> Timber frame	<input type="checkbox"/> Concrete shear wall
Address	<u>7 Riccarton Rd</u>	<input type="checkbox"/> Steel frame	<input checked="" type="checkbox"/> Unreinforced masonry
GPS Co-ordinates	S° E°	<input type="checkbox"/> Tilt-up concrete	<input type="checkbox"/> Reinforced masonry
Contact Name	<u>Morris North</u>	<input type="checkbox"/> Concrete frame	<input type="checkbox"/> Confined masonry
Contact Phone	<u>358 5505</u>	<input type="checkbox"/> RC frame with masonry infill	<input type="checkbox"/> Other:
Stores at and above ground level	<u>2</u> Below ground level	Primary Occupancy	
Total gross floor area (m ²)	Year built	<input type="checkbox"/> Dwelling	<input checked="" type="checkbox"/> Commercial/ Offices
No of residential Units		<input type="checkbox"/> Other residential	<input type="checkbox"/> Industrial
Photo Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Public assembly	<input type="checkbox"/> Government
		<input type="checkbox"/> School	<input type="checkbox"/> Heritage Listed
		<input type="checkbox"/> Religious	<input type="checkbox"/> Other

Investigate the building for the conditions listed on page 1 and 2, and check the appropriate column. A sketch may be added on page 3

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Building or storey leaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall or other structural damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Cracks above window lintels and near parapets</u>
Overhead falling hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>currently stable</u>
Ground movement, settlement, slips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Neighbouring building hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical, gas, sewerage, water, hazmats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Record any existing placard on this building:

Existing Placard Type
(e.g. UNSAFE)

Green

Choose a new posting based on the new evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance. Transfer the chosen posting to the top of this page.

INSPECTED
GREEN G1 | G2

RESTRICTED USE
YELLOW Y1 | Y2

UNSAFE
RED R1 | R2 | R3

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Detailed engineering evaluation recommended
- Structural Geotechnical Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input checked="" type="checkbox"/>		
0-1 %	<input type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Inspection ID: _____ (Office Use Only)

Sign here on completion

DA4

Date & Time 7.9.10 11:00am

ID CP999 202.002

Structural Hazards/ Damage	Minor/None	Moderate	Severe	Comments
Foundations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Roofs, floors (vertical load)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Columns, pilasters, corbels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Diaphragms, horizontal bracing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-cast connections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Beam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-structural Hazards / Damage				
Parapets, ornamentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cladding, glazing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ceilings, light fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Interior walls, partitions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Elevators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stairs/ Exits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Utilities (eg. gas, electricity, water)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Geotechnical Hazards / Damage				
Slope failure, debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, fissures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil bulging, liquefaction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General Comment *Over 100yr old brick building. Walk around exterior and interior. Cracks to hotel areas and near parapets. No injur from ... or distortion. Building in very poor state of repair prior to EQ.*

Usability Category

Damage Intensity	Posting	Usability Category	Remarks
Light damage	Inspected (Green)	G1. Occupiable, no immediate further investigation required	
Low risk		G2. Occupiable, repairs required.	
Medium damage	Restricted Use (Yellow)	Y1. Short term entry	
Medium risk		Y2. No entry to parts until repaired or demolished	
Heavy damage	Unsafe (Red)	R1. Significant damage: repairs, strengthening possible	
High risk		R2. Severe damage: demolition likely	
		R3. At risk from adjacent premises or from ground failure	

Christchurch Eq. RAPID Assessment Form - LEVEL 1

Inspector Initials R.O. Date of Inspection 11/04/10 Exterior Only Exterior and Interior
 Territorial Authority Christchurch City Time 1015

Building Name _____ Type of Construction
 Short Name _____ Timber frame Concrete shear wall
 Address 7 Riccarton Rd Steel frame Unreinforced masonry
 GPS Co-ordinates S° _____ E° _____ Tilt-up concrete Reinforced masonry
 Contact Name _____ Concrete frame Confined masonry
 Contact Phone _____ RC frame with masonry infill Other:
 Storeys at and above ground level 1 Below ground level - Primary Occupancy
 Total gross floor area (m²) 200 Year built - Dwelling Commercial/ Offices
 No of residential Units - Other residential Industrial
 Photo Taken Yes No Public assembly Government
 School Heritage Listed
 Religious Other

Investigate the building for the conditions listed below:

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Large crack in front facade + parapet</u> <u>Engines to inspect + advise</u> <u>Restricted access for inspection only</u>
Building or storey leaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall or other structural damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Overhead falling hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, settlement, slips	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Neighbouring building hazard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Choose a posting based on the evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance.

INSPECTED GREEN RESTRICTED USE YELLOW UNSAFE RED

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Level 2 or detailed engineering evaluation recommended
 - Structural
 - Geotechnical
 - Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input type="checkbox"/>		<input type="checkbox"/>
0-1 %	<input checked="" type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Sign here on completion
 Date & Time 11/04/10 1015
 ID R.O.

Inspection ID R.O. 1158 (Office Use Only)

PRUPI 873627
LOT 2 DP 29778

Aurecon New Zealand Limited
 Level 2, Kural Bank House
 122 Gloucester Street
 (PO Box 1061)
 Christchurch 8140
 New Zealand

T +64 3 366 0821
 F +64 3 379 6955
 E christchurch@ap.aurecongroup.com
 W aurecongroup.com



6 September 2010

Morris North
 St Christopher's Church
 244 Avonhead Road
 Christchurch 8042

Dear Morris

**Christchurch Earthquake – 7th September 2010.
 Structural Assessment of the Building at 7 Riccarton Road – Initial Aurecon Report**

In light of the recent magnitude 7.1 earthquake emanating from Darfield on Saturday 4th September, we have received a call from you for assistance. Our role in this review is that of structural engineering advisor, to review and confirm the initial safety status, based on our observations of the building.

Phase One - Initial Safety Assessments

We confirm that on 7th September 2010 and again on 9th September 2010, Aurecon Structural Engineering staff attended your property and conducted an initial structural assessment of your building.

Observations – General

Negligible Damage

We generally found your building to have negligible observable structural damage and would consider it as "Occupiable" for its continuing use as a commercial premise. We would recommend that all endeavours be undertaken by yourselves to clean the building and remove any items that may pose health and safety risks. Please refer to phase two below which we recommend to provide certainty to yourselves and your insurers.

Observations – Structural Integrity Observations

- Brick cracking – cracks in bricks over windows and in the north façade.
- The building is over 100 years old and has not been well maintained. Some damage observed may have been existing before the event.

Next steps

We understand St Christopher's lease the building long-term, we recommend strengthening of the building is carried out and would be happy to advise the owners in this regard.



Any Questions, please contact the author

Yours faithfully

A handwritten signature in black ink, appearing to read "D. Elliott".

David Elliott
Senior Structural Engineer – Aurecon New Zealand Limited

+64 3 367 3213
elliottd@ap.aurecongroup.com

EARTHQUAKE BUILDING DAMAGE ENQUIRY REGISTER																
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Date	Type of Enquiry	TAG: Red, Yellow	Enquirers Name	Phone number	Additional Phone	Postal Address	Property/Building Street Address	Name of Building (if any)	Email Address	Relationship to the Enquiry	Type of Building	Heritage or other	Type of work	Details of the Enquiry	Next Steps / Action Points (CCC only)	
3	13/09/2010	Building	Brian Walker	03 308 9744		96-100 Riccarton Road	96-100 Riccarton Road			Trustee				(Via call centre) Brian claims that this building has been demolished without his owner knowing (email via Call Centre) Building owner would like access to this building as it is yellow stickered - Building has been demolished	47/02/01 Could you please contact Brian Walker on 03 308-9744.	
66	13/09/2010	Building	Tony Ng	021 348 357		92a Riccarton Road	92a Riccarton Road	One Stop Asian	gerald@sccom.co.nz	Building Owner	Supermarket					
81	14/09/2010	Building	Gerald Mathieson	366 6926	027 415 2209	PO Box 9537, Riccarton	100a Riccarton Road			Lessee						
116	15/09/2010	Building	Yellow Maurice North	358 5505		7 Riccarton Road	7 Riccarton Road	Bookshop		Building Owner	Commercial			Maurice is calling in regards to his commercial building at 7 Riccarton Rd. it was originally yellow tagged by us. he has since had a private engineer out who has given it a pass. Wants to know how he goes about getting a green tag to confirm this assessment. Can be contacted on 358-5505	Yellow on the 6th (unreinforced masonry) Moderate Haz to other buildings collapsed	
207	15/09/2010	Building	Yellow Morris North (Manager)	358 5505		7 Riccarton Road	7 Riccarton Road	St Christophers Community Trust	morrisn@stchristophers.co.nz mavisn@stchristophers.co.nz	Manager	Community			Can you please confirm that you have received the Aurecon Report & that we are OK to reopen the shop Many thanks Morris North Manager St Christophers Community Trust	I can confirm that we have received the copy of the report for your building. As there is a significant chance of further aftershocks and due to this being an earthquake prone building the structure needs to be made secure to prevent further damage and any chance of damage from any adjacent buildings. A Level 2 assessment needs to be undertaken before occupation can be resumed. Regards Philip Hector	

	R	S	T	U	V	w
1						
2						
3	Additional Follow Up Notes if applicable	Initiating Officer	Urgency level	Change in Precedence	Enquiry Form	Status
66			Urgent			
81	I have advised owner that he should commission this level 2 assessment from a structural engineer. If that report says that the	John roberts			Email	C
116					Yes	C
207	CSR91168984	Philip Hector			call centre	C
217	<p>11/10/2010 3:21pm: email received from David York with the attachment of the Aurecon Engineer Report to Emily I understand from Morris North, the tenants in 7 Riccarton Rd, that you are still waiting to view a copy of the engineers' inspection report for these premises before you are able to revise categorization this building. Please find attached a scan copy of this report for your reference.</p> <p>11/10/2010 internal email from Jennifer Clarke to CDR Patricia with attachment: I understand from Morris North, the tenants in 7 Riccarton Rd, that you are still waiting to view a copy of the engineers' inspection report for these premises before you are able to revise categorization this building. Please find attached a scan copy of this report for your reference</p> <p>thanks david</p> <p>4/10/2010 phone call received: Please call Morris North on 338 6505</p> <p>Re: 7 Riccarton Road, Riccarton - he emailed through a structural engineers report on Friday and received a confirmation phone call that it was received and would be passed onto building evaluation team? Wants to know who they are and if they can give him a call to discuss</p> <p>11/10/2010 called again at 4.46pm Please phone</p>	Philip Hector			Email	C

Cheyne, Judith

From: Philip Hector [philip.heckor@xtra.co.nz]
Sent: Friday, 9 September 2011 12:55 pm
To: Cheyne, Judith
Subject: 7 Riccarton Road

From: Hector, Philip
Sent: Thu 16/09/2010 8:28 a.m.
To: Morris North
Subject: RE: 7 Riccarton Road -Inspection by Aurecon

Hi Morris

You need to go back to the structural engineers who provided the report and ask them to do a Level 2 assessment. They should know what is involved with such an assessment. Aurecon as CPEng engineers will know what needs to be done to facilitate the change of the placard.

Regards
Phillip

-----Original Message-----

From: Morris North [mailto:morris@netaccess.co.nz]
Sent: Wednesday, 15 September 2010 9:54 pm
To: Hector, Philip
Subject: Re: 7 Riccarton Road -Inspection by Aurecon

Thanks Phillip,
Can you please give me a run-down on what procedures we need to adopt to make the building more secure e.g. Can we discuss with you or do we get a structural engineers recommendation for approval by yourselves etc ?

Thanks
Morris North
Ph 3585 505
Hector, Philip wrote:

> Hi Morris
>
> I can confirm that we have received the copy of the report for your
> building. As there is a significant chance of further aftershocks and
> due to this being an earthquake prone building the structure needs to
> made secure to prevent further damage and any chance of damage from
> any adjacent buildings. A Level 2 assessment needs to be undertaken
> before occupation can be resumed.
>
> Regards
>
> Philip Hector
> Senior Building Consent Officer
> Building Recovery Office
> philip.heckor@ccc.govt.nz
>
>

> -----Original Message-----

> **From:** Morris North [mailto:morris@netaccess.co.nz]
> **Sent:** Wednesday, 15 September 2010 4:10 pm
> **To:** Hector, Philip
> **Subject:** 7 Riccarton Road -Inspection by Aurecon
>

> Hullo Philip
>

9/09/2011

> Can you please confirm that you have received the Aurecon Report &
> that we are OK to reopen the shop.

> Many thanks
> Morris North
> Manager
> St Christophers Community Trust

>
> *****

> This electronic email and any files transmitted with it are intended
> solely for the use of the individual or entity to whom they are
> addressed.

>
> The views expressed in this message are those of the individual sender
> and may not necessarily reflect the views of the Christchurch City
> Council.

>
> If you are not the correct recipient of this email please advise the
> sender and delete.

>
> Christchurch City Council
> <http://www.ccc.govt.nz>

> *****

>
>
> -----

> --

>
>
> No virus found in this incoming message.

> Checked by AVG - www.avg.com
> Version: 8.5.445 / Virus Database: 271.1.1/3134 - Release Date:
> 09/14/10 06:35:00

>
>

CDRescue

From: CDRescue
Sent: Monday, 4 October 2010 11:03 am
To: 'Elliotd@ap.aurecongroup.com'
Subject: RE: 7 Riccarton Road

Attachments: CPEng Certification Requirements.doc

Hi Elliot,

On the basis of the report that we received for 7 Riccarton Road, the building requires certification from a CPEng stating that the building is not dangerous as defined by the Building Act of 2004 in section 121. Please see the attachment for clarification on this act.

Regards,

Building Evaluation Transition Team
Ph 03 941 5486



CPEng Certification
Requiremen...

Christchurch Eq RAPID Assessment Form - LEVEL 2

Inspector Initials: Ross Kan Date: 19/10/10
 Territorial Authority: Christchurch City Time: 10:25am Final Posting (e.g. UNSAFE): Unsafe

Building Name: Bookshop
 Short Name: _____
 Address: 7 Riccarton Road
 GPS Co-ordinates: S° _____ E° _____
 Contact Name: _____
 Contact Phone: _____
 Stores at and above ground level: _____
 Total gross floor area (m²): _____
 No of residential Units: _____
 Photo Taken: Yes No

Type of Construction

Timber frame
 Steel frame
 Tilt-up concrete
 Concrete frame
 RC frame with masonry infill

Concrete shear wall
 Unreinforced masonry
 Reinforced masonry
 Confined masonry
 Other: _____

Primary Occupancy

Dwelling
 Commercial/ Offices
 Other residential
 Industrial
 Public assembly
 Government
 School
 Religious
 Heritage Listed
 Other

Investigate the building for the conditions listed on page 1 and 2, and check the appropriate column. A sketch may be added on page 3

Overall Hazards / Damage	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, off foundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Cracking in parapet to be checked by Engineer</u>
Building or storey leaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wall or other structural damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overhead falling hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, settlement, slips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Neighbouring building hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical, gas, sewerage, water, hazmats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Record any existing placard on this building:

Existing Placard Type (e.g. UNSAFE): Yellow

Choose a new posting based on the new evaluation and team judgement. Severe conditions affecting the whole building are grounds for an UNSAFE posting. Localised Severe and overall Moderate conditions may require a RESTRICTED USE. Place INSPECTED placard at main entrance. Post all other placards at every significant entrance. Transfer the chosen posting to the top of this page.

INSPECTED GREEN G1 G2

RESTRICTED USE YELLOW Y1 Y2

UNSAFE RED R1 R2 R3

Record any restriction on use or entry:

Further Action Recommended:

Tick the boxes below only if further actions are recommended

- Barricades are needed (state location):
- Detailed engineering evaluation recommended
 - Structural
 - Geotechnical
 - Other:
- Other recommendations:

Estimated Overall Building Damage (Exclude Contents)

None	<input type="checkbox"/>		
0-1 %	<input type="checkbox"/>	31-60 %	<input type="checkbox"/>
2-10 %	<input type="checkbox"/>	61-99 %	<input type="checkbox"/>
11-30 %	<input type="checkbox"/>	100 %	<input type="checkbox"/>

Inspection ID: _____ (Office Use Only)

Sign here on completion

Ross Kan

Date & Time ID: 19/10/10 10:25am

Structural Hazards/ Damage	Minor/None	Moderate	Severe	Comments
Foundations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Roofs, floors (vertical load)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Columns, pilasters, corbels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Diaphragms, horizontal bracing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-cast connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Beam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Non-structural Hazards / Damage				
Parapets, ornamentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cladding, glazing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ceilings, light fixtures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Interior walls, partitions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Elevators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Stairs/ Exits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Utilities (eg. gas, electricity, water)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Geotechnical Hazards / Damage				
Slope failure, debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground movement, fissures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil bulging, liquefaction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General Comment

Usability Category

Damage Intensity	Posting	Usability Category	Remarks
Light damage <i>Low risk</i>	Inspected (Green)	G1. Occupiable, no immediate further investigation required	
		G2. Occupiable, repairs required	
Medium damage <i>Medium risk</i>	Restricted Use (Yellow)	Y1. Short term entry	
		Y2. No entry to parts until repaired or demolished	
Heavy damage <i>High risk</i>	Unsafe (Red)	R1. Significant damage: repairs, strengthening possible	
		R2. Severe damage: demolition likely	
		R3. At risk from adjacent premises or from ground failure	

2 Inspection ID: _____ (Office Use Only)

Sketch (optional)
Provide a sketch of the entire building or damage points. Indicate damage points.

A large grid consisting of 15 columns and 20 rows of squares, intended for sketching a building or damage points.

Recommendations for Repair and Reconstruction or Demolition (Optional)

A series of 12 horizontal lines provided for writing recommendations for repair and reconstruction or demolition.

3 Inspection ID: _____ (Office Use Only)

CHRISTCHURCH CITY COUNCIL ENFORCEMENT TEAM NOTICES COVERSHEET	Christchurch City Council
--	-------------------------------------

Address :	7 Riccarton Road.		
Date :	19/10/10	Time:	10-25 am

Building Evaluation Transition Team - Actions	
Level 1 / (2) Assessment Sheet completed (attached)	<input checked="" type="radio"/> Yes / No
Photos taken and attached:	<input checked="" type="radio"/> Yes / No

Previous Existing Placard – RED <input checked="" type="radio"/> YELLOW GREEN UNKNOWN
New Status (please circle – RED <input checked="" type="radio"/> YELLOW GREEN

Further Action required: (Instruction for Administration)	<input checked="" type="radio"/> Yes / No
Bookshop closed. Letter to owner for confirmation of Engineer inspection. Any remedial work required to be carried out asap.	- the engineer Report attached

No further Action required – Information entered by Data Hub - File PROCESSED 26/10

Notice Required to be completed by Operation NOTICE staff	<input checked="" type="radio"/> Yes / No
--	---

Txt: Fully outline what the danger is and / or work required:

NTE - Weakened + cracked walls to be made good and strengthened. Building consent required and will need CPEng certification.

26/10/10

(1) Structural. Desc: Struct; Parapets; (a) & (e) Date: 30.11.10 BC: May be required	Awaiting certifying engineers documents from David Elliott, Arcon.
---	--

Completed by (print name): Ross Kern

C2_RK191

scanned 26/10

Morris North
Morris@netaccess.co.nz

Bronner, Laura

From: David Elliott [ElliottD@ap.aurecongroup.com]
Sent: Friday, 5 November 2010 4:59 pm
To: CDRescue
Subject: Fw: 7 Riccarton Road
Attachments: Christchurch City Council Building Evaluation Team - Certification Commercial.pdf; SC451 C451010110516490.pdf

Hi Laura,

Further to our conversation. Please find attached the signed form.

regards

David

David Elliott - Lead Structural Engineer | Property | Aurecon
Ph: +64 3 367-3213 | Fax: +64 3 379 6955 | Mob: 021 645 002
Email: ElliottD@ap.aurecongroup.com
PO Box 1061, 122 Gloucester Street | Christchurch 8140 | New Zealand
<http://www.aurecongroup.com>
<http://www.aurecongroup.com/apac/groupentity/>

Please consider your environment before printing this e-mail.

----- Forwarded by David Elliott/Connell Wagner on 05/11/2010 04:57 p.m. -----

To: "CDRescue" <CDRescue@ccc.govt.nz>
cc:
David Elliott/Connell Wagner
26/10/2010 04:09 p.m.
Subject: RE: 7 Riccarton Road [Link](#)
Project N/A (This message is private and is not for a project)

Laura,

Thanks for the email.

My reading of the attached document is that I am signing off securing work that has been carried out to the building.

However, no securing work has been carried out to this building. The building had not (at my last inspection) sustained any significant structural damage that required repairs prior to occupation.

Is this form relevant for me to be completing.

Many thanks

David

8/11/2010

David Elliott - Lead Structural Engineer | Property | Aurecon
Ph: +64 3 367-3213 | Fax: +64 3 379 6955 | Mob: 021 645 002
Email: ElliottD@ap.aurecongroup.com
PO Box 1061, 122 Gloucester Street | Christchurch 8140 | New Zealand
<http://www.aurecongroup.com>
<http://www.aurecongroup.com/apac/groupentity/>

Please consider your environment before printing this e-mail.

To <elliottd@ap.aurecongroup.com>
cc
Subject RE: 7 Riccarton Road
Project **Not assigned ...**

"CDRescue" <CDRescue@ccc.govt.nz>
Sent by: "Bronner, Laura" <Laura.Bronner@ccc.govt.nz>

26/10/2010 12:50 p.m.

Hi David ,

Please see the attached document regarding the CPEng Certification the Council requires to change a building's status from red/yellow to green. If you could return page 4 to us at your earliest convenience it would be greatly appreciated.

Regards,
Laura Bronner
Building Evaluation Transition Team
Ph 941 8868

This electronic email and any files transmitted with it are intended solely for the use of the individual or entity to whom they are addressed.

The views expressed in this message are those of the individual sender and may not necessarily reflect the views of the Christchurch City Council.

8/11/2010

Statement by Chartered Professional Engineer in respect of the building at:

(Building Address)..... 7 RICCARTON RD

(Business Name if applicable)

I, DAVID ELLIOTT..... (name), am a Chartered Professional Engineer (No. 202002) with relevant experience in the structural design of buildings for earthquake actions.

I have been engaged to provide advice to the owner on the ^{current condition} interim securing / strengthening of the above building following the earthquake of 4 September 2010.

I am aware of all the measures taken to secure or strengthen the building (the work) which were carried out by (Name and contact address of contractor): None taken

I have inspected the work ^{building} on completion and am satisfied on reasonable grounds that:

a. **Structural integrity and performance.** Where the structural integrity and/or structural performance of the building (or part of the building) was materially affected by the Darfield earthquake or any aftershocks to date, interim securing measures have been taken to restore the structural integrity and performance of the building to at least the condition that existed prior to the earthquake of 4 September 2010. The condition is not considered worse than prior to EQ.

b. **Potentially dangerous features.** Potentially dangerous features on the building such as unreinforced masonry chimneys, parapets and walls have been removed or secured so that their integrity and level of structural performance is consistent with that generally achieved in other parts of the building, and so reduces the danger to people's safety and of damage to other property. The condition is not considered to be worse than prior to the EQ.

c. **Threat from nearby buildings.** (Delete one if not applicable)

- Protective measures installed on the subject building are sufficient in nature and extent to protect its occupants in the event of collapse of potentially dangerous features on adjacent or nearby buildings.
- I have identified all potentially dangerous features such as unreinforced masonry chimneys, parapets and walls on all adjacent or nearby buildings that have potentially dangerous features which threaten the subject building or its occupants.

Buildings which I have identified in the above category are: N/A

- i.
- ii.
- iii.

- I have advised the owner of the subject building that approval for resumption of occupancy and use will be subject to Council approval to remove the red or yellow safety notices from the buildings listed above.

Signed David Elliott..... Chartered Professional Engineer

Date 3.11.2010

Bronner, Laura

From: Bronner, Laura on behalf of CDRescue
Sent: Monday, 8 November 2010 3:48 pm
To: 'elliottd@ap.aurecongroup.com'; 'Morris@netaccess.co.nz'
Subject: RE: Call-back please.

Hi David and Morris,

Thank you for sending the certification. Please be advised that the building is now considered safe for occupancy. You may remove any placard that is posted on the building.

Best of Luck,

Laura Bronner
Building Recovery
Christchurch City Council
Ph 941 8868

