



ENGINEERS RE INSPECTION OF DAMAGED BUILDINGS
Resulting from Christchurch EARTH QUAKES

Address 382 Colombo Street

Inspection Engineers Name Mark Ryburn

Mobile Phone Number

Date 04 / 02 / 2011

Comments

Structural Hazards / Damage	Minor / None	Mod	Severe	Comments
Foundations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ground Movement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Roofs, floors (vertical load) <i>walls</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Columns, plasters, corbels <i>walls</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Cracks in rear walls</i>
Diaphragms, horizontal bracing	<input type="checkbox"/> ?	<input type="checkbox"/>	<input type="checkbox"/>	
Pre-cast connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Beam	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
Neighbouring Property Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Non- structural Hazards / Damage				
Parapets, ornamentation	<input type="checkbox"/>	<input checked="" 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"/>	N/A
Stairs / Exits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Utilities (eg, gas, electricity, water)	<input type="checkbox"/> ?	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General Comments

Block abandoned however signs of occupancy in upper stories. Not investigated as consent from neighbouring blocks indicated occupants "slightly unhinged"

Usability Category

Usability Intensity	Posting	Usability Category	Comment
Light damage Low risk	Inspected (Green)	Ga Occupiable, no immediate further	<input type="checkbox"/>
Demolished		Gb Occupiable, repairs required	<input type="checkbox"/>
		Gc Demolished	<input type="checkbox"/>
Medium damage Medium risk	Restricted Use (Yellow)	Ya Short term entry	<input type="checkbox"/>
		Yb No entry to parts until repaired, risk from adjacent premises or ground failure removed	<input type="checkbox"/>
Heavy damage High Risk	Unsafe (Red)	Ra Significant damage, "do not enter"	<input checked="" type="checkbox"/>
		Rb At risk from adjacent premises or from ground failure "do not enter"	<input type="checkbox"/>

Protection fencing required

Yes / No

Details

CCCreinspectionreport

Propose to carry out strengthening of concrete should be carried out - or external bracing to in front of these steps.



DETAILS OF BUILDING DAMAGE
Resulting from Christchurch EARTH QUAKES

382 Colombo Street

1 Type of Damage

Tick Boxes

Note

Choose one of the following (structural damage takes priority over other types of damage):

- 1.1 The building has been damaged, and there are structural defects to the building:
or
- 1.2 Damage to parapets, and / or chimneys, and / or ornamental features that may
pose a risk to the public and / or adjacent property
- or
- 1.3 The building has been damaged resulting in potential ingress of water
(insanitary building, refer Environmental Health).
- 1.4 There is a risk that other property could collapse resulting in injury or death to
any persons in the building or to persons on other properties.

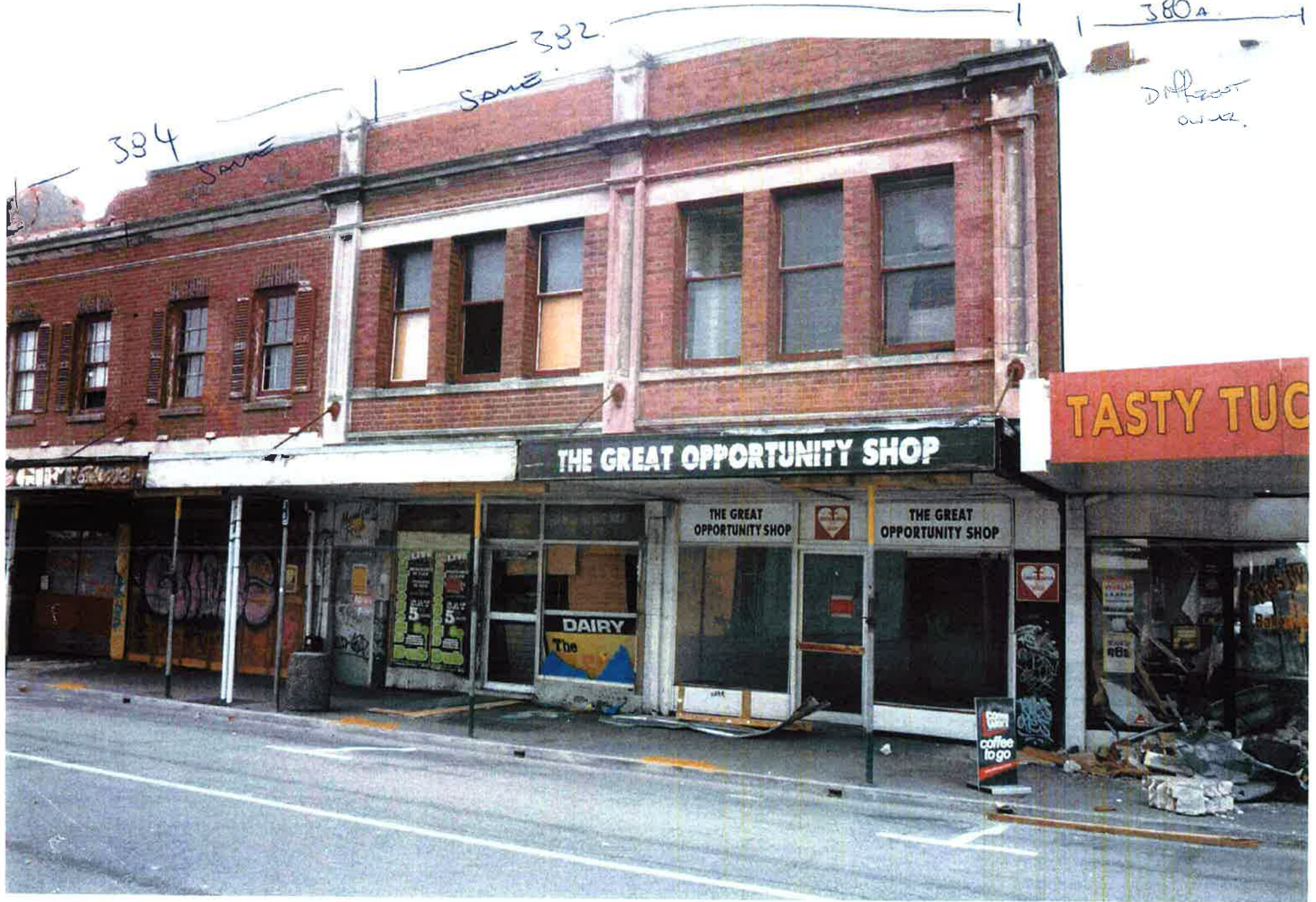
2 Characteristics of Damage

- 2.1 Significant damage to structural walls, party walls, fire walls and / for structural
frame (cracking, bowing, failed connections, spalling).
- 2.2 Significant damage to foundations (cracking, significant settlement).
- 2.3 Significant damage to roof structure.
- 2.4 Significant damage / instability of stairwells or egress ways
- 2.5 Loose or insecure parapets, and / or chimneys, and / or ornamental features.
- 2.6 Loose or insecure debris (bricks, glass etc)
- 2.7 Cladding damaged or veneer dislodged
(Insanitary Building, refer Environmental Health)

3 Consequences of Damage

- 3.1 Protection measures (cordons & barriers) in place around the building
post earthquake is impeding public right of ways and / or traffic flows.
- 3.2 Debris from the property are impeding public right of ways and / or traffic flows.
- 3.3 Condition of building is posing a risk to other buildings

RECOMMENDED FOR WORK TO BE COMPLETED BY 04 / 04 / 2011
Minimum 5 working days from date of this inspection
Maximum of 60 days



384

Same

382
Same

380a

DIPLOMAT
OUTLET

THE GREAT OPPORTUNITY SHOP

TASTY TUC

THE GREAT OPPORTUNITY SHOP

THE GREAT OPPORTUNITY SHOP

DAIRY
The

coffee to go

SALE







380A

TASTY TUCKER TASTY TUCKER
COFFEE BAR

TASTY TUCKER BAKERY & COFFEE BAR

380 A

DP



CLEAR
LIFE





380A