

Repairing and rebuilding houses affected by the Canterbury earthquakes

Introduction

[PDF 630 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-introduction.pdf>

Part A : Technical Guidance (TC1 and TC2)

[PDF 3.9 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-part-a.pdf>



Part B: Technical Information

[PDF 1.1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-part-b.pdf>

Part C: Technical Category 3

[PDF 2.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-part-c.pdf>

Part D: Subdivisions

[PDF 559 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-part-d.pdf>

Part E: Repairing and rebuilding multi-unit residential buildings

[PDF 1.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-part-e.pdf>

Reference material

[PDF 430 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses/canterbury-guidance-reference-material.pdf>

About these documents

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3rd edition

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Of interest to Building consent authorities, Insurers, Builders, Designers, Engineers

<http://mbie5.cwp.govt.nz/building-code-compliance/canterbury-rebuild/repairing-and-rebuilding-houses-affected-by-the-canterbury-earthquakes/>

Page 1 of 3

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Introduction

If you are working on Canterbury's earthquake-damaged houses, this guidance (commonly referred to as the Residential guidance) provides technical solutions.

The application of this guidance requires case-specific consideration and use of engineering judgement from appropriately qualified and experienced professionals.

Use the [getting to grips tool](https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/getting-to-grips-guidance-tool/) (<https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/getting-to-grips-guidance-tool/>) to help find your way around.

[Updates and clarifications to the residential guidance](https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/updates-clarifications-residential-guidance/) (<https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/updates-clarifications-residential-guidance/>)

[Supplementary guidance](https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/supplementary-guidance/) (<https://www.building.govt.nz/building-code-compliance/canterbury-rebuild/supplementary-guidance/>) includes information sheets and worked examples.

Contents

The residential guidance – in eight parts

You can navigate through the parts of the residential guidance and download the technical information you need, including:

- appropriate geotechnical investigations
- repairs to foundations and new foundations in TC1 and TC2
- assessments of retaining walls for hillside properties
- chimney repairs
- repairs to house superstructures, pole frame houses and masonry walls
- information about repairing and rebuilding foundations in TC3
- guidelines for the geotechnical investigation and assessment of subdivisions in the Canterbury region.

Introduction

- information about previous versions (version control)
- a foreword from MBIE
- objectives, regulatory context and scope
- a summary table of technical categories, land criteria and repair and rebuild approaches

Part A: Technical guidance (TC1 and TC2)

- assessing, repairing and building foundations
- assessing retaining walls for hillside properties
- chimney repairs
- repairs to house superstructures, pole frame houses and masonry walls.

Part B: Technical information

- insurance and regulatory requirements
- observed land and building performance
- future liquefaction expectations

Part C: Technical Category 3 (including updates)

- guidance for assessing, repairing and rebuilding foundations for residential properties in TC3
- if you are an engineer, building control official or insurance assessor, this section will help you determine whether to repair or rebuild foundations
- focuses on foundation design solutions for one and two storey timber framed dwellings, which are the dominant form of construction in the TC3 area. You also need to read Parts A and B of this guidance, as material is only repeated where it is considered necessary.

Part D: Subdivisions

- guidelines for the geotechnical investigation and assessment of subdivisions in the Canterbury region (including requirements for assessing the potential for liquefaction)

Part E: Repairing and rebuilding multi unit residential buildings

- assessment criteria and recommendations for the repair and rebuild of the foundations, firewalls, and superstructures of multi-unit residential buildings in Christchurch

Reference material

- a list of references and glossary of terms
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- with compliance with the Building Act, it is published under section 175 of the Building Act
- with a Weathertight Services claim, it is published under section 12 of the Weathertight Homes Resolution Services Act 2006.