

Module 4: Earthquake resistant foundation design

All content related to B1 Structure (<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/>)

Guidance

Module 4: Earthquake resistant foundation design

[PDF 9 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/b-stability/b1-structure/geotechnical-guidelines/geotech-module-4.pdf>)



About this document

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Of interest to Building consent authorities, Engineers

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Introduction

This module provides the principles for good foundation design, including up-to-date practice and implementation of Royal Commission recommendations.

Contents

Developed jointly by MBIE and the New Zealand Geotechnical Society, Module 4 is part of the Earthquake Geotechnical Engineering Practice series and relates specifically to earthquake resistant foundation design.

Developed jointly by MBIE and the New Zealand Geotechnical Society, the module is part of the Earthquake Geotechnical Engineering Practice series and relates specifically to earthquake hazards.

Other modules

Earthquake geotechnical engineering practice series (<https://www.building.govt.nz/building-code-compliance/b-stability/b1-structure/geotechnical-guidance/#jumpto-earthquake-geotechnical-engineering-practice-series>)

Resources

The US Department of Transportation Federal Highway Administration website (https://www.fhwa.dot.gov/engineering/geotech/library_listing.cfm) has the following publications:

- Bored piles

<http://mbie5.cwp.govt.nz/building-code-compliance/b-stability/b1-structure/module-4-earthquake-foundation-design/>

- Driven piles

All guidance documents related to B1 Structure (https://www.building.govt.nz/search/?bcc%5B%5D=b1-structure&area=guidance&show=all&action_doSearch=Search&sort=recent#results)



New Zealand Government

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