

RACHEL NG

Structural Engineer — Seismic Strengthening

Christchurch · 021 330 7765 · rachel.ng@email.com · linkedin.com/in/rachelng-struct

PROFILE

Structural engineer with 4 years assessing and strengthening unreinforced masonry and heritage buildings. Experienced in NZSEE C-series assessments, Detailed Seismic Assessments and strengthening schemes for Heritage NZ listed buildings.

CORE COMPETENCIES

Assessment: DSA / IEP, NZSEE C-series, Heritage NZ guidelines, Condition surveys

Design: ETABS, RAPT, Strand7, NZS 3404 / 3603

Delivery: Contractor liaison, Consent drawings, Client reports

PROFESSIONAL EXPERIENCE

Structural Engineer

Feb 2024 – Present

Eliot Sinclair, Christchurch

- Completed 30+ Detailed Seismic Assessments for URM and concrete buildings.
- Designed strengthening for 3 heritage buildings under Heritage NZ requirements.
- Prepared %NBS reports for building owners and insurers.
- Supported contractors on site with RFI responses.

Graduate Structural Engineer

Jan 2022 – Jan 2024

Holmes Consulting, Christchurch

- Modelled structures in ETABS and Strand7.
- Prepared drawings for earthquake-prone building upgrades.

EDUCATION

BE (Hons) Civil — Structural

University of Canterbury, 2021

CERTIFICATIONS & REGISTRATION

- Engineering NZ Member
- Site Safe Passport
- SESOC Member

Right to work: NZ citizen — full work rights, no sponsorship required · **Memberships:** NZSEE; Engineering NZ; SESOC · References available on request