

Daniel Wong

Structural Engineer — Seismic Design

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PROFESSIONAL SUMMARY

Structural engineer with 4 years designing multi-storey concrete and steel buildings to NZS 1170.5 and NZS 3101 in high-seismic Wellington. Experienced in ETABS modelling, ductile detailing, Building Code B1 compliance and peer-review coordination.

EXPERIENCE

Structural Engineer

Mar 2023 – Present

Holmes Consulting, Wellington

- Lead designer for 8-storey reinforced concrete office; ETABS model and ductile detailing to NZS 3101.
- Prepared PSI and design features reports; zero RFIs outstanding at consent for 5 projects.
- Reviewed contractor shop drawings and attended weekly site inspections.
- Mentored 2 graduate engineers through CPEng competency evidence.

Graduate Structural Engineer

Feb 2022 – Feb 2023

Dunning Thornton, Wellington

- Designed steel braced frames and timber diaphragms for commercial fit-outs.
- Produced hand calc checks and Revit mark-ups for 12 projects.

CORE SKILLS

Analysis & Design

ETABS / SAP2000

SpaceGass

NZS 1170.5

NZS 3101 / NZS 3404

Revit structure

Compliance

Building Code B1/VM1

Producer statements PS1–PS4

Council RFIs

Soft skills

Client reporting

Mentoring graduates

Peer review

EDUCATION

BE (Hons) Civil — Structural, University of Canterbury, 2021

Postgrad Cert

Earthquake Engineering

University of Canterbury, 2023

CERTIFICATIONS

- Engineering NZ Member — CPEng application lodged
- SESOC Member
- Site Safe Passport

Right to work: NZ Resident Visa — unrestricted work rights · **Software:** ETABS, SAP2000, SpaceGass, Revit, AutoCAD, RAPT · References available on request