

Ngaire Cooper

Civil Engineer

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Skills

Creative Problem Solving

Analytical Thinking Skills

Principles and Practices of Engineering

Field Investigation Skills

Project Management

Personal Statement

Highly-experienced civil engineer with extensive experience managing projects, engineering computation, mathematical modeling and structural engineering. As project lead for Kotahi Condominiums, led and organised teams responsible for the design and construction of various large-scale projects for government agencies and private clients. Significant experience constructing safe, high-quality infrastructure. Focused on managing sustainable projects that add value to natural and urban environments.

Employment History

Jul 2019 – Dec 2022

Junior Civil Engineer at Morgan & Sons

Auckland

- Managed projects for private clients, ensuring each project was completed significantly within budget
- Drafted and created quality assurance reports for clients
- Ensured all projects were completed in accordance with all applicable New Zealand laws
- Facilitated and attended meetings for shareholders, Morgan & Sons Board and private clients

Dec 2014 – Jun 2019

Civil Design Engineer at Russell Wilson's

Auckland

- Monitored construction and organisation of materials
- Completed on-site inspections and educated junior staff on standard safety procedures
- Assisted senior engineers across multiple large-scale infrastructure projects, including Kotahi Condominiums
- Drafted safety and progress reports, escalated to senior management and Russell Wilson's Board
- Ensured all projects were in accordance with the Resource Management Act 1991 and New Zealand law
- Advised all project managers on status of infrastructure projects

Mar 2012 – Nov 2014

Civil Engineer at Platypus Surveying Ltd

Auckland

- Ensured all materials and processes used in private projects met seismic safety standards
- Monitored construction and created reports for senior management
- Organised materials for construction
- Created urban planning blueprints for the Auckland Motorway Restoration Plan
- Drafted disaster management plans for senior supervisors on the Auckland Motorway Restoration Plan