

PROJECT PROFILE



Name:	Christchurch Civic Centre 6 Star Green Building	Client:	Resource Co-ordination Partnership Ltd (a JV Company of Christchurch City Council and Ngai Tahu Property Ltd)
Specifying Authority:	Hawkins Construction	Site Location:	Central City, Christchurch
Value at Completion:	Approx \$10 million	Year Completed:	2010

Project Description:

Originally the old 1960's Central Post Office Mail Centre Building this redevelopment provides the Christchurch City Council with a new 6 star Green Building accommodations for Council Chambers and Administration accommodation for over 1000 staff.

Significant design features include a Tri-Generation plant which generates electricity for the building from a renewable energy source - Biogas from the city's land fill site (which is piped across the city) providing an estimate annual energy saving in the order of \$1.3m per annum.

The reuse of an old building represents an embodied energy saving equivalent to 6440 tones of CO2 emissions, while the harvesting of rainwater saves over 1 million litres of water each year.

Haden were selected as the Mechanical Services sub-contractor for this iconic green star project.

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Technical Highlights:

- Delivery of approx \$10 million Mechanical Services Package for the Christchurch City Council, 6 Star Green Building, within an 18 Month program.
- Co-ordination of sub trades including electrical support for mechanical equipment, ductwork installation, pipe work installation and insulation to meet the tight and demanding program of works.
- Commissioning of all mechanical systems and provide a fully operational system upon occupancy.

Environmental and safety Initiatives:

- Collection of all recyclable waste.
- Use of specialised glues and sealants with reduced environmental impact.
- Proactive Health and Safety approach ensuring staff safety at all times on a very busy densely occupied site.
- Quality assurance protocols including staged testing of systems which were implemented to ensure installation quality and a ready for use approach.

Personnel:

- Project Manager: Brendon Dowling managed the project from start to finish. He was successful in delivering a tight time framed project to the satisfaction of the Client, Consultant and End User.
- Quantity Surveyor: Timothy Conolly was appointed as the full time Project QS providing pricing and submission of variations, submission of monthly accounts and financial projections for our client.
- Team Leader Co-ordinator: Aaron Bachelor supervised 20 staff and specialist subcontractors, to deliver a high volume of work in a very tight time frame.

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