

Company Profile

Our Practice

Organisational Details

07 839 1254 | info@sandh.co.nz | www.stilesandhooker.co.nz
PO Box 718 | Level 1, 214 Collingwood St, Hamilton

Directors



Iain Brown
Engineering Director



Roger Baker
Engineering Director



Tony Wade
Engineering Director



Glenn McHardie
Architectural Director

Associates



Ian Gilby
Architectural Associate

Our Services

- Architecture
- Structural Engineering
- Civil Engineering
- Fire Design
- Interior Design
- Project Management
- Master Planning
- Environmental Sustainable Design

As Architecture and Engineering Lead Consultants, we work in partnership with other professional consultants to ensure that new projects meet our standards of excellence.

We have invested time into establishing relationships with the industry's finest consultants in Mechanical, Electrical and Quantity Surveying (alongside others) in order to achieve top-notch outcomes for our clients.

About Us

Stiles and Hooker is a leading Architecture and Engineering company, committed to designing and delivering quality built environments that contribute to the success of the organisations we serve.

Our team of dedicated professional Architects and Engineers are driven to create 'world-class' environments in which people *Work, Live, Learn* and *Play*.

You can depend on us.

Our practice has a proven track record that spans over 35 years, designing buildings both in New Zealand and overseas.

We stand out in the Architecture and Engineering market.

The point of difference that sets us apart from other firms is the fusion of Architecture and Engineering we offer under one roof; this allows for a truly collaborative and innovative process where the specialist skills of each member of the team interweave to deliver optimal results for our clients.

We design high-end buildings that win awards.

Our team of skilled professionals excel in designing Commercial, Industrial, Educational, Civic, Retail, Hospitality, Healthcare and High End Residential environments that bring together the best Architecture and Engineering to create outstanding buildings. Our successful formula works, with many of our buildings winning top awards for Architectural Design.

Designing buildings for the Food Industry is second nature to us.

We are industry leaders in designing structures for the Food Industry including Hygiene Facilities and Processing Plants for export Dairy, Meat and other Food Production Industries in New Zealand and overseas. We have designed processing facilities for Fonterra, Westland Milk Products, Synlait Milk, Oceania Dairy and Delegat Winery, among others. In these industries, time is even more critical. We understand this; our excellent document processing systems and attention to detail means we have a record of delivering on time.

We believe in Artistic Innovation working hand-in-hand with Science.

Our Architects lead the process of creating innovative built spaces in urban and rural environments, where art works hand-in hand with science.

We guide our clients from building concept stage to full realisation, giving advice and leadership along the way, optimising available capital and the building site parameters to help in the success of your building project. We love what we do and we believe it shows.



Our Values: Integrity, Team, Quality, Customer Focus, Passion & Balance



Design Essence

“We believe that a building should reflect the unique characteristics of its location, function and the identity of the people for whom it is built.”

Whether your project is big or small, we engage with you, our client, to identify your values and overall identity. This helps us to ensure we create an environment that best suits your needs and expectations.

Our team gains great satisfaction in creating buildings of enduring quality that add immense value to the lives of the people that interact with them.

Environmentally Sustainable Design

We are committed to the implementation of Environmentally Sustainable Design Practices (ESD) for our projects.

We encourage our clients to adopt Green Star initiatives into their projects.

Quality Assurance



We use the ‘latest and greatest’ technical tools.

Our in-house technologies are continually audited to ensure they are up-to-date; this means we consistently utilise the latest technical tools, enhancing our organisation's capacity to deliver exceptional projects.

We keep abreast of the latest trends.

Our professionals and technicians keep abreast of new developments in design trends, building processes, materials and technologies to ensure they are equipped to provide you, our clients, with the best advice and ultimately great buildings.

You can be assured of quality and peace of mind when we work with you.

We provide the Quality Assurance you deserve, being registered with TELARC New Zealand (ISO 9001) 2015.

Our Approach

We Listen.

We focus on effective listening, enabling us to determine your requirements and desires from project inception to the full realisation of your project. We are a personable group of professionals who you can chat with in confidence.... come and enjoy the process with us.

We Collaborate.

We pride ourselves on getting projects off to a decisive start by collaborating with key players early on during the design process. Not only do we do that, we have also taken the proven benefits of collaboration a step further, gathering the best and most dynamic Architectural and Engineering minds under one roof. This team effort will deliver optimal results for your project.

We Innovate.

For our talented team, using innovation to come up with smart solutions that help our clients do things better, is part of everyday life. We look for continual improvement so the solutions we offer are both creative and effective for our client's projects.

We Deliver.

We have a proven track record, with industry respect for the thorough level of documentation we provide and the sound management of projects. We are motivated to deliver projects for our clients that strike the right balance between quality, cost-effectiveness and timely delivery.

Our People



“ Finding clever solutions and helping our clients do things better is part of everyday life here. ”



Iain Brown
Engineering Director
Qualifications:
ME (Civil), CENG (UK),
MStructE, MIPENZ



Roger Baker
Engineering Director
Qualifications:
BE (Civil) Hons,
MIPENZ



Tony Wade
Engineer Director
Qualifications:
NZCE (Civil)
BE (Civil) (Hons)
MIPENZ, CPEng IntPE (NZ)



Glenn McHardie
Architectural Director
Qualifications:
ANZIA, Reg Arch,
BArch



Ian Gilby
Architectural
Associate
Qualifications:
NZCD (Arch)

Our Awards



Visy Rukuhia

- 'We are Waikato' 2018 Team and Supreme Awards
- NZ Commercial Projects Awards 2019 Gold and National Category (Industrial)



Thomson House

- ADNZ | Resene Architectural Design Awards - Highly Commended



Kauaeranga Visitor Centre

- NZ Wood People's Choice Award
- NZ Wood Timber Design Award for Commercial Architectural Excellence
- NZIA Award Waikato/BOP for Public Architecture



Kaimai Cheese Co Ltd

- NZ Master Builders National Gold Commercial Award



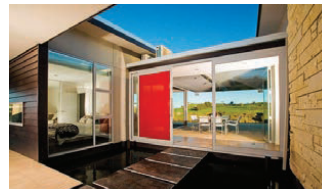
Anselmi Showhome (Glenn McHardie)

- ADNZ Regional Residential New Home under 250m²
- ADNZ Resene Colour Award



Waikato Snooker and 8-Ball Club

- NZIA Resene Local Award for Commercial Architecture



Bunyard House (Glenn McHardie)

- ADNZ Regional Residential Alterations, Winner
- ADNZ Regional Residential Interior, Commended
- ADNZ Regional Residential Alterations, Commended



Inframax Offices

- NZIA Resene Local Award for Commercial Architecture



Waikato Innovation Park

- Dulux Colour Award
- NZ Master Builders National Award (\$2-5 million)
- NZIA Resene Local Award for Commercial Architecture



Butel Park House (Glenn McHardie)

- ADNZ Regional New Dwelling, Commended



Ecolab Offices

- NZ Master Builders National Gold Reserve Award for Commercial (\$2-5 million)
- NZIA Resene Local Award for Commercial Architecture



Clandeboyne Dryer No. 3

- NZ Concrete Society Commendation
- Monte Craven Building Award



Tainui Group Holdings Offices

- NZIA Resene Local Award for Commercial Architecture
- NZIA Resene Colour Award



HBHS Frank Sargeson Centre

- NZIA Resene Local Award for Educational Architecture



Vertex New Factory and Offices

- NZIA Resene Colour Award



ArtsPost Art Gallery

- NZIA Resene Branch Award for Architecture
- Property Council of NZ Award

Health & Safety

Stiles and Hooker has a comprehensive Health and Safety policy that covers all aspects of our operations. This includes in-house safety inductions and on-going safety training. All staff visiting sites have a current Site Safe Consultant Passport and undergo site specific inductions.

Statement of Intent

Stiles and Hooker's Health and Safety Policy documents our approach to health and safety in all our work practices.

Stiles and Hooker's Health and Safety Policy has been prepared to demonstrate commitment to manage and control the safety of its employees at all times whilst undertaking their duties both in the office and out as consulting engineers.

Stiles and Hooker are committed to doing all that is reasonably practicable to reduce workplace accidents and ill health.

Stiles and Hooker recognises the duties placed upon it by the Health and Safety at Work Act 2015 to provide places of work and working procedures which are, so far as is reasonably practicable, safe and without taking risks to the health and safety of its staff, clients, colleagues and the public.

The practice also recognises that it has duties towards the general public and others including visitors and contractors.

In planning and executing all its professional services, the above duties will be given full consideration by the Practice.

Stiles and Hooker are fully committed in their resolve and wish to record

here unequivocally, that safety must have the highest priority. Stiles and Hooker is responsible for ensuring that the Health and Safety Policy is implemented and kept under review by consultation with employees, clients, contractors and any other person affected.

Procedures and activities written into the quality system shall give due consideration to Health and Safety matters in every instance. This includes specific policies on harassment and equal opportunities.

Employees are requested to co-operate and be pro-active in the improvement of all health and safety matters. All suggestions by employees of methods of improving theirs and others health and safety will be acted upon following full consultation without any compromise.

The practice has an excellent safety record and it is our desire through effective management to maintain this in the immediate and long term future.

The practice has targeted several areas to ensure we maintain our high standards of Health and Safety performance including sickness absence and Health and Safety training and an awareness of reporting near miss incidents.

Safety in Design

Within the construction industry there has been an increasing awareness of the role of design in construction safety.

Stiles and Hooker considers a life cycle approach to occupational health and safety in building and construction projects. Consideration is given to workers in the construction phase, and others who could be affected by this work; workers who service, clean, repair and otherwise maintain the building or structure after it has been constructed and end users – those who use and occupy completed buildings and structures as workplaces.



Safety in design therefore begins in the conceptual and planning phases of a project with an emphasis on making choices about the design, methods of construction and materials used which enhance the safety of the structure.

Eliminating hazards at the design or planning stage is often easier and cheaper to achieve than making changes later when the hazards become real risks in the workplace.

Safe design can result in many benefits, including:

- More effective prevention of injury and illness.
- Improved usability of structures.
- Improved productivity and reduced costs.
- Better prediction and management of production and operational costs over the life cycle of a structure.
- Innovation, in that safe design can demand new thinking to resolve hazards that occur in the construction phase and in end use.

Design, in relation to a structure, includes the design of all or part of the structure and the redesign or modification of a design. Design output includes any hard copy or electronic drawing, design detail, design instruction, scope of works document or specification relating to the structure.

What is safe design?

Safe design means the integration of control measures early in the design process to eliminate or, if this is not reasonable practicable, minimise risks to health and safety throughout the life of the structure being designed.

What is 'reasonably practicable' in relation to the designer's duty?

The duty of a person conducting a business or undertaking to ensure health and safety is qualified by what is reasonably practicable. Deciding what is 'reasonably practicable' requires taking into account and weighing up all relevant matters.



Consider the life cycle

In the same way that designers consider the future impact of a building on environmental sustainability, designers should consider how their design will affect the health and safety of those who will interact with the structure throughout its life.

The Act requires the designer to ensure, so far as is reasonably practicable, that a structure is designed to be without risks to the health and safety of persons.

Integrating design and risk management

A systems approach that integrates the risk management process in the design phases and encourages collaboration between a client, designer and constructor is recommended.

Design for safe construction

Control measures for risks relating to the construction of a structure.

Design to facilitate safe use

Consider the intended function of the structure, including the likely use, and the type of machinery and equipment that may be used.

Consider whether the structure may be exposed to specific hazards, such as manual tasks in health facilities, occupational violence in banks or dangerous goods storage in warehouses.

Design for safe maintenance

Risks relating to cleaning, servicing and maintaining a structure.



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Commercial Profile

Commercial Projects



Trust Waikato - Hamilton (2018)
\$3.25million



Visy Rukuhia - Hamilton (2017)
\$25million



Greens Global - Hamilton (2017)
\$2.5million



Lely Two - Hamilton (2017)
\$1.2million



NZ New Milk (2016)
\$8.5million



Manuka Health (2014)
\$6.5million



Stiles and Hooker Office (2012)
\$300k



Silver Fern Farms (2012)
\$26million



Kauaeranga Visitor Centre (2008)
\$1million



Kaimai Cheese Co Ltd - Waharoa (2007)
\$3.9million



Inframax Construction Offices - Te Kuiti (2006)
\$500k



Delegat Winery - Marlborough (2006)
\$80million



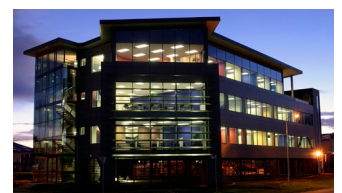
Waikato Snooker and 8-Ball Club (2005)
\$850k



Riverhurst Development - Hamilton (2005)
\$2.3million



Waikato Innovation Park - Hamilton (2004)
\$8.9million



Ecolab Offices - Hamilton (2004)
\$4million



Mystery Creek Events Centre - Hamilton (2003)
\$4.2million



Tainui Group Holdings Offices (2002)
\$1.2million



Vertex Offices - Hamilton (2002)
\$3million



Porsche Showroom - Auckland (2002) (Glenn McHardie at Creative Arch)
\$2.2million

Commercial Projects



Araldon Holdings Offices
- Hamilton (2002)



Audi Showroom - Auckland (2001)
(Glenn McHardie at Creative Arch)
\$3.2million



Clarendon Road Offices - London (2001)
(Glenn McHardie at Aukett Associates)
\$18million



Seven Oaks Development - London (2001)
(Glenn McHardie at Aukett Associates)
\$75million



Arts Post Gallery Renovation
- Hamilton (1998)
\$400k



Visy Rukuhia

Rukuhia, Western Precinct – Titanium Park
Completed December 2017, Value \$25m



Engaged by Foster Construction, Stiles and Hooker provided the structural and architectural design for the new factory for Visy Board NZ. The design is based on our proven record of successful and efficient designs for similar very large footprint industrial, process and storage buildings.

The design commenced February 2017, construction began in June 2017, and completion of main areas was achieved October 2017, in time to receive hundreds of containers of imported machinery.

The project was lead by Roger Baker, Director Engineer, and David Dimond, draughting technician. Stiles and Hooker completed 230 engineering and architectural drawings.

The building is 261m long, up to 160m wide, and comprises 37,000m² of production storage and service areas, 850m² of offices/ amenities area, 3,500m² of car parking, and 16300m² of circulation roading.

This impressive building is easily one of the largest in the Waikato, and has been awarded the 'We are Waikato' – Team and Supreme Awards (2018), and won Gold and National Category (Industrial) awards at the 2019 New Zealand Commercial Project Awards.



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NZ New Milk Factory

NZ New Milk, Mangare, Auckland
Completed 2016, \$8.5m value

This is a new infant formula blending factory near Auckland airport. Apart from the three-storey factory, it has generous warehousing, a protected loading/unloading canopy, public reception and sales offices as well as housing the company administration.

The project had a short time-line, and used a lot of imported materials. The requirements around food production are very demanding, with extensive quality control.

The public entrance is raised nearly a metre above the driveway so that visitors come up into the building before encountering a deliberate pause at the reception. A wall of glass gives visitors a view of the robotised packing machines.



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Manuka Health

Manuka Health, Te Awamutu
Completed 2014, \$6.5m value

Manuka Health's 5000m² customised facility in Te Awamutu combines internationally accredited laboratories, honey-drum storage, blending, packing and distribution, along with customer services and operations teams under one roof for the first time.

Manuka Health has enjoyed dramatic growth since 2006, now exporting to 45 countries. The new facility allows for continued growth and expansion, supporting the company's commitment to provide premium New Zealand natural products for the wellbeing throughout the world.

An Architectural lead project where a higher level of design thought; ensuring a holistic approach to ensuring the site was optimised for a future expansion to both the admin and 1850m² processing/warehouse component. The project had a high level of coordination with mechanical and electrical services, due to the specific nature of the process. The pattern to the "blade wall" is a playful array of charcoal sheet cladding with varying slots of windows to create a somewhat random feel whilst being quite reasoned in its setup. This plays on the whole Manuka Health phrase "Given by Nature, Proven by Science." There was a high involvement with a branding company to ensure a cohesiveness with the building.



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Kauaeranga Visitor Centre

D.O.C., Kauaeranga Valley, RD2, Thames
Completed 2008, \$1m value



This project was initiated from the destruction by fire of an existing building. The brief required the existing building location to be retained and to juxtapose to native bush with an open valley to the north providing spectacular views of the bush clad topography.

The location is remote and the facility provides for a public information and education centre for tourists and visitors to the Kauaeranga Valley. An aerated waste water system is incorporated and recyclable waste is processed and distributed back into the surrounding forest area through irrigation drip lines. Catchment off the large internal gutter terminates into collection tanks for retention of water which is used within the amenity. A solar hot water heating system has been installed.

Awards

Waikato/BOP Architecture Award (Public Architecture)

NZ Wood Timber Design Awards (Commercial Architecture Excellence Winner)

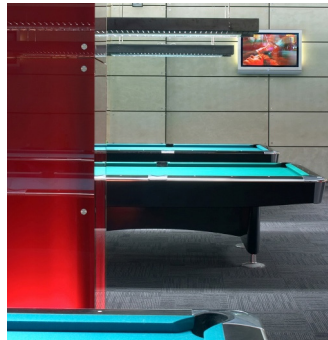
NZ Wood Timber Design Awards (People's Choice Winner)



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Waikato Snooker and 8 Ball Club

Hamilton

Completed 2005, \$850k value



Located within Hamilton CBD, the recent retrofit of the Waikato Snooker and 8 Ball Club contradicts the criteria normally applied to facilities of its function.

Slotted between 1960s-style buildings, the facade, an atypical material palette of rusted steel, precast concrete, opalescent glass and deeply rendered entry doors, is intended to conceal the internal function as is usual for a gaming facility, but plays well with the curiosity of the casual passer-by, presenting the contradiction of a fortress wanting to be discovered.

Awards

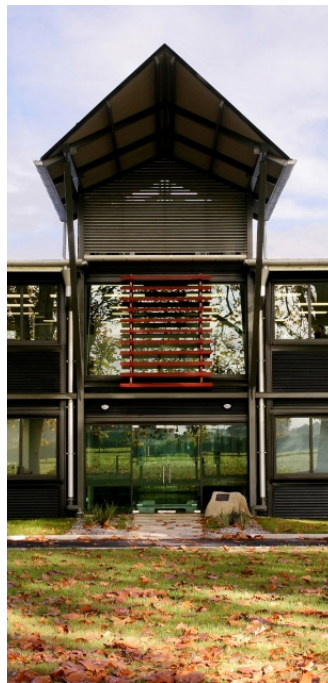
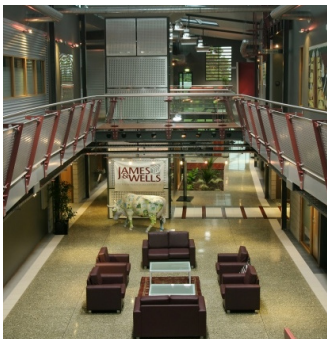
NZIA Resene Local Award For Architecture
(Commercial & Industrial)



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Innovation Park

Innovation Park, Hamilton
Completed 2004, \$6.9m value

This is the flagship building for a globally unique mix of business development in biotechnology at Waikato Innovation Park. The site lies on 17 Ha of picturesque park-like land formerly part of the Ruakura Research Station. The aesthetic concept originated from the agricultural heritage of the Waikato region and the technology based users of the building. Its strong visual statement of permanence is the anchor for further complexes that are to evolve on the site. The character is drawn from the rustic farm structures and dairy factories once prevalent in the area. Contemporary architectural features signal its modernity; the exo-skeletal structure and exposed services express the technologies within the building, emphasising it as a living, functioning form. A curved crucifix spine, serves as circulation to the public space and meeting area, placed with cafes, amenities, kiosks and casual leases.

Awards

Dulux Colour Awards (Finalist Commercial Exterior)

NZIA Resene Local Award (Commercial and Industrial)

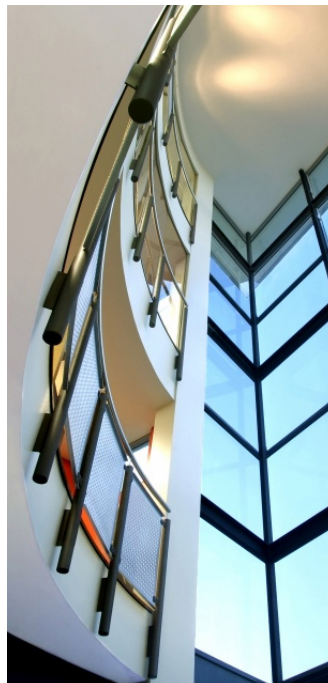
RMB HOY (Commercial Award - Hawkins Construction)



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Ecolab

Innovation Park, Hamilton
Completed 2004, \$4m value

A prominent bare corner site adjacent to the existing production facility provided an opportunity for American owned company Ecolab to express its presence with a corporate head office in New Zealand. A challenging design task arose when the original concept had to be modified following a reduction in budget allocation by the American parent body. This led as well to various environmental control features being deleted and re-engineered.

Awards

NZIA Resene Local Award (Commercial and Industrial)

RMB House of the Year Gold Reserve Award (Commercial Award
- Hawkins Construction)



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Dairy Profile

Dairy Projects



NZ New Milk (2016)
\$8.5million



Synlait Milk Boilers No. 1, 2, 3
(2008-2014)
\$5million



Westland Milk Dryer No. 7 (2014)
\$40million



Synlait Milk Dryer No. 2, 3
(2008, 2014)
\$45million



Oceania Dairy Dryer No. 1 (2013)
\$40million



Nestlé Chile Boiler House (2011)
\$1.2million



Fonterra Edendale Dryer (2009)
\$30million



Fonterra Waitoa (1997/Upgraded 2007)
\$15million



Kaimai Cheese Co Ltd - Waharoa
(2007)
\$3.9million



Westland Milk Protein Plant (2006)
\$15million



Tatua AMF Dairy Factory (2005)
\$5.8million



Open Country Cheese Factory
(2004)
\$7million



Fonterra Clondeboy Dryer No. 3
(2003)
\$23million



Anchor Dairy Products Te Rapa
(1999)
\$17million

Other Projects

Fonterra Hautapu

Tatua Specials
Dryer

Oceania Dairy
UHT Plant

Tatua
Lactoferrin

Fonterra Clondeboy –
Mozzarella 3

Fonterra Clondeboy
Project Phoenix –
Mozzarella

Fonterra Clondeboy Project
Aquila –
Mozzarella

Fonterra Whareroa –
P5 Building Remediation

Fonterra Edendale –
Seismic Assessments

Danone Balclutha –
Dehumidifier Project

Danone Balclutha –
Hygiene Access Upgrade



Nestlé Chile

Osorno, Chile

Completed 2011, \$1.2m value



Biomass Fired Boiler at Nestlé milk processing site at Osorno, Chile. Stiles and Hooker were engaged by RCR Energy to design the boiler plant supports and access structures.

The engagement was then extended to include the design of the boiler foundations, and the boiler enclosure building. The architecture team at Stiles and Hooker were engaged to come up with proposals for the exterior aesthetics of the project, while the engineering team ensured the efficiency and quality of the structure was at its best. Working collaboratively the team created a design that was both architecturally pleasing and efficiently functional.



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Kaimai Cheese Co Ltd Factory

Cheese-Making Factory & Cafe, Waharoa
Completed 2007, \$3.9m value

The design of this building centres on the traditional building forms developed and designed by architect John A Duffill, a pioneer in reinforced concrete construction with 60 dairy factory designs to his credit.

Dairy factory construction from the 50s followed this trend. Photographic reference suggests each factory was individually designed although a number of synergies existed.

The design for Kaimai Cheese Co Ltd. Factory adopts the traditional forms of the 1950's factories and emulates, to a certain extent, the historical form of the Waharoa Butter Factory which existed on an adjacent site until its demolition in 2005.

Awards

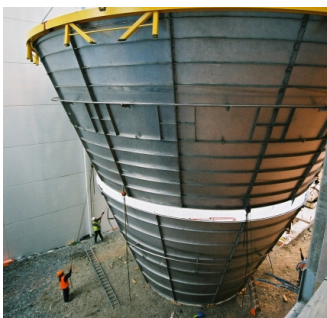
Gold, RMB 2008 Commercial Project Awards (Livingstone)



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Fonterra Clandeboye

Dryer 3, Clandeboye
Completed 2007, \$23m value

This project involved a new dryer 54m high with a footprint of 46m x 33m. The project included an arterial link spanning 16m with a total length of 28m. This link was glazed both sides.

Awards

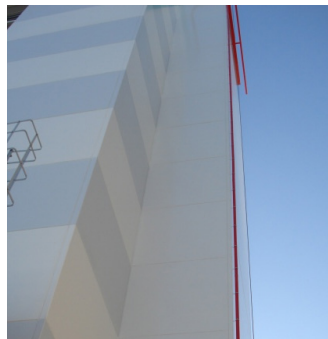
NZ Concrete Society
Commendation Monte Craven Architectural Building Award



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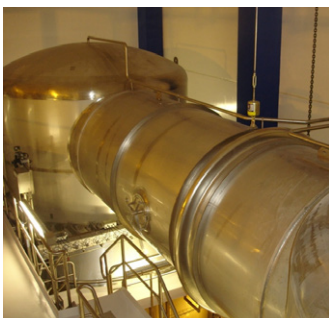
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Fonterra Edendale

Dryer 4, Edendale
Completed 2009, \$30m value



The project provided a milk powder dryer and packing building at the Edendale site. This is the biggest milk powder dryer in the world, producing approximately 30 tonnes of milk powder an hour.

The structure required innovative engineering techniques providing a large building to house the dryer 56m high and 31m wide. The packing area also required a large volume.

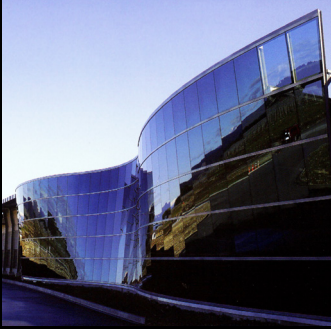
Stiles and Hooker designed a building 75mx30m wide and 21m high for the packing equipment.



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ARCHITECTS+ENGINEERS

Industrial Profile

Industrial Projects



**Office & Warehouse -
Quail Place, Hamilton (2019)**
\$910k



Visy Rukuhia - Hamilton (2017)
\$25million



Penske NZ Headquarters (2016)
\$10million



Lely, Te Rapa, Hamilton (2016)
\$1.8million



NZ New Milk (2016)
\$8.5million



Manuka Health (2014)
\$6.5million



**Synlait Milk Boilers No. 1,2,3
(2008-2014)**
\$5million



**Synlait Milk Dryer No. 2, 3
(2008, 2014)**
\$45million



Oceania Dairy Dryer No. 1 (2013)
\$40million



Silver Fern Farms (2012)
\$26million



WEL Hamilton Substation (2011)
\$600k



WEL Raglan Substation (2011)
\$600k



**WEL Cobham Drive Substation
(2011)**
\$650k



Fonterra Edendale Dryer (2009)
\$30million



Fonterra Waitoa (1997/Upgraded 2007)
\$15million



**Kaimai Cheese Co Ltd -
Waharoa (2007)**
\$3.9million



Westland Milk Protein Plant (2006)
\$15million



**Delegat Winery - Marlborough
(2006)**
\$80million



Tatua AMF Dairy Factory (2005)
\$5.8million



**Open Country Cheese Factory
(2004)**
\$7million

Industrial Projects



Goughs - CAT Shed (2003)
\$1.2million



Fonterra Clondeboye Dryer No. 3 (2003)
\$23million



Anchor Dairy Products Te Rapa (1999)
\$17million



Penske NZ Headquarters

Penske New Zealand, Langley Road, Wiri
Completed 2016, \$10m value



The project brings Penske New Zealand sales, service, power systems, parts, training and administration together onto one purpose built site.

The 17,800m² footprint of the project site comprises a two-storey office block, parts warehouse, 16 drive-through truck workshop lanes, twin service trench, a wash bay, fabrication workshops and a dyno test room, surrounded by concrete sales yard.

Stiles and Hooker completed the engineering design of this project on behalf of Design and Build contractor Ebert Construction.



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Silver Fern Farms

Te Aroha

Completed 2012, \$25m value

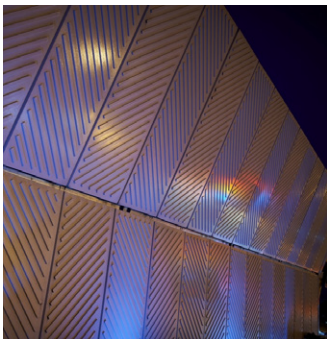
Silver Fern Farms' first new processing plant, with in depth involvement with their marketing department to capture a fitting journey from approach through to the visitors viewing gallery to observe the internal processes. The design philosophy is driven by keeping with their core values of; proud, progressive and partnership.



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WEL Hamilton Substation

WEL Networks, Hamilton
Completed 2011, \$600k value



From a logical to need an emotional response. Logic dictated the need to seismically strengthen the original older traditional brick clad building and instead of a potentially engineering driven response, an architects lateral thinking was required. We opted to demolish the existing building, place a steel frame over the existing substation electrical gear and clad in insulated panel and the overlay a series of playful light weight concrete panels with a splayed leaf pattern. The result is a very engaging building that shifts in appearance throughout the day with the variance of how the light walls on the pattern relief to the panels, with up lights in the evening really setting the building/corner off.



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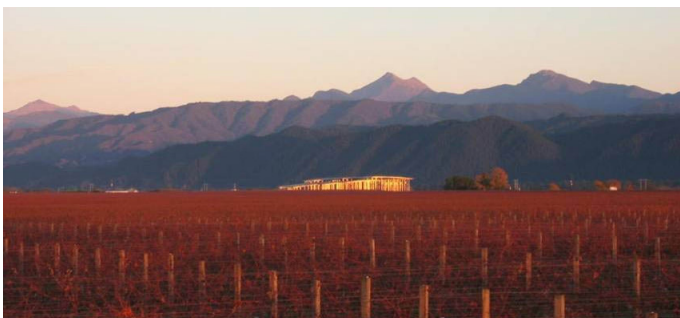
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Delegat Winery

Delegat's Winery, Marlborough
Completed 2006, \$80m value



Located in the heart of the Wairau Valley encompassing 13,325m², this building is the flagship of Delegat Estate Wines. The Facility is designed to international standards and is contemporary in style. The large complex processes 20 thousand tonnes of grapes into 1.7 million litres of wine annually. This project was a great example when the Stiles and Hooker team of Architects and Engineers collaborated and provided their expertise in architectural design with food processing engineering creating an elegant, organic structure suitable for the large amount of production for one of Marlborough's oldest wine producers.

The facility houses a grape receive and press gallery process and plant rooms, cellar, barrel hall, laboratories and administration complex housing 70 staff. The facility incorporated temperature controlled tanks to capture the concentrated cool climate flavours that have made New Zealand wines so popular throughout the world. Construction commenced in January 2005 and was completed in February for the 2006 vintage.



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Residential Profile

Residential Projects



Thorburn House Alterations (2016)
\$550k



Rangimarie (2012)
\$600k



DOC Crosbies Hut (2010)
\$300k



Thomson House (2009)
(Glenn McHardie at Creative Arch)
\$1.5million



Fencourt House (2009)
\$1.3million



Bunyard House - Cambridge (2007)
(Glenn McHardie at Creative Arch)
\$650k



Anselmi Showhome - Auckland
(2007) (Glenn McHardie at Creative Arch)
\$650k



Macdonald House - Auckland (2006)
(Glenn McHardie at Creative Arch)
\$550k



Riverhurst Apartments - Hamilton (2005)
\$2.3million



Butel Park - Queenstown (2005)
(Glenn McHardie at Creative Arch)
\$550k



Birch Bach - Kawau Island (2003)
\$750k



McHardie House - Hamilton (2002)
(Glenn McHardie at McHardie Architects)
\$470k



Arcus Bach - Coromandel (1997)
(Glenn McHardie at Barry Rae Consultants)
\$400k



Rangimarie

Ngaruawahia

Completed 2012, \$600k value



Architect responsible for the restoration, Glenn McHardie, fell in love with the house; with its split levels, the way the spaces entwine, the gorgeous feel of it, its robustness, simplicity and rhythm. "It was way ahead of its time, it is earthy but modern, so well considered."

The house's exterior envelope was tired, so it has been reclad in cedar, mirroring the original material. There was also new framing, a new roof, and aluminium joinery replaced the previous timber fittings.

Re-introducing all the salvaged items back into the home was quite a challenge for builder Peter Brooky & his team. Finding that particular sheet of rimu or mahogany wall lining that had those old holes for the original light fittings, and making sure the electrician got his wire in exactly the right spot, plus lots of other similar instances required a lot of forethought!

It was an emotional roller coaster ride - not only for Lesley, but also for the Lomas family, with them visiting the carefully rebuilt family home they'd grown up in - with her sole still intact!

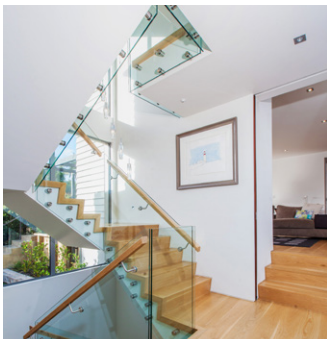
Lesley has named the restored house Rangimarie, the Maori word for inner peace.



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Thomson House

Parnell, Auckland

Completed 2009, \$1.5m value



The brief included four bedrooms, guest bedroom, open plan living, separate family/dining room, rumpus for the children, home office and two garages. One garage was to be allocated for Nigel's car and bike collection.

The property has fantastic northern city views and western views up to the Auckland Museum while being set in a high density area of Parnell, so had to be integrated into the historical town planning requirements of a Residential 1 Zone.

To deal with the brief and floor area we stacked the levels upon each other creating five split levels with a central circulating stairwell which was heavily glazed and used to break the linear differences between the front and rear portion of the building.

The stairs were designed to be a feature of the home accessing the five levels and being the central spine. The back portion of the building was skewed to open up the western living courtyard while complying with boundary height controls.

The western outdoor living area was designed for protection from the elements while having a connection to the kitchen and still being able to take in the city views and Auckland Museum.



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Fencourt House

R & W McHardie, Cambridge
Completed 2009, \$1.3m value



Set on a 26-acre farm on the edge of Cambridge, has been positioned back from the road, allowing for a meandering tree lined drive, horses in the front paddock, and in good proximity to the working farm, with implement sheds and horse arena set amongst mature trees.

Whilst being a substantial home, the house sits relatively gently with how the steep shingle roof steps down, with the solid base with the use of schist stone, the horizontal lines of the cedar pergola and the stepping back of the garaging. The flow of the living spaces, both informal and more formal have a pivotable outdoor room for all to gather, with the cathedral like vaulted ceiling and predominant schist fireplace.

With extensive full height sliding joinery and panels, the setting can be altered to cater for both large family gatherings and still being comfortable enough for just two. How you circulate through the house is key to the design solution, with the ability to flow from room to room, like dining to office to hobby room to guest lounge, allowing a crossover of activities to occur, where you may choose to eat, read, create and chill.



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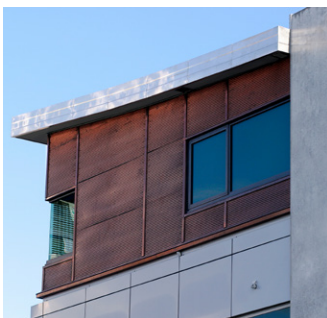
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Riverhurst Apartments

Hamilton

Completed 2005, \$2.3m value



The way a building casts a memory in oneself is undoubtedly through its palette of textures and colours, in a more architectural language, its materiality. This was the trademark in the conception of the two 575m² office levels plus one level of spacious apartments on the western shore of the Waikato River which shape Riverhurst. The wide variety of materials and textures used in this project, gave Hamilton CBD an elegant, interesting piece of architecture on the popular river pathway in 2005.



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Birch Bach

John & Marie Birch, Kawau Island
Completed 2003, \$750k value

Located on a north facing site in a secluded cove on Kawau Island, surrounded by the high terrain, this holiday retreat remains private, is protected from prevailing winds and retains spectacular views across the harbour through the cottage to the sea.

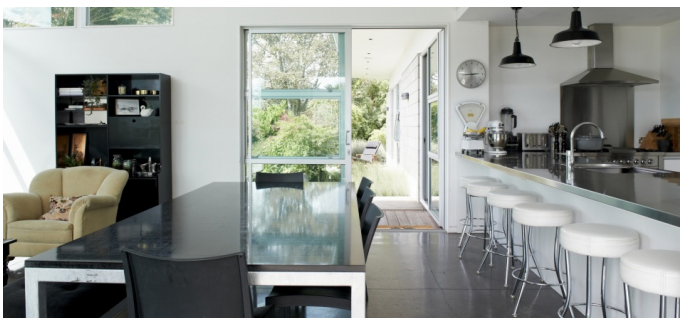
The development consists of a two bedroom cottage and separate two bedroom guest suite/boathouse, both buildings interconnected by privacy but ease of social interaction. Openable walls capped with a monopitch door and large cantilevered roof overhangs are arranged to provide flexibility of space, maintain views from the three levels of the cottage and provide shelter and shading to the exterior decks and internal spaces. Isolation from the mainland and normal building industry sources, logistics in material transport, dictated the material elements and structure. The buildings are constructed in timber which features structural laminated beams, natural cedar weatherboard cladding and ply wall and ceiling linings. This provides structural integrity as well as robustness and durability to the interior.



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McHardie House

B & K McHardie, Tamahere, Hamilton
Completed 2002, \$470k value

Architect Director Glenn McHardie designed and documented this project in a previous position as architect for McHardie Architects.

The modern home set in a rural gully setting was designed to suit the rigors of a young family and to suit the most demanding entertainer.



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Education Profile

Educational Projects



Curious Cubs Childcare, Hamilton
(2014)
\$500k



Waihi Academy Intl. School (2010)
Administration Block, Dormitories,
Hall, Classrooms
\$40million



Hamilton Boys' High School (2010)
Fitness & Training Centre
\$6.3million



Hamilton Boys' High School (2009)
Frank Sargeson Centre
\$1million



Te Kauwhata College (2007)
Science, Technology and
Admin Blocks, Fitness Centre,
Accessibility Masterplan
\$2.6million



Ti Akau Ki Papamoa Primary School (2006)
\$160k



Hamilton Boys' High School (2002)
Technology Block
\$1.3million



Hamilton Boys' High School (2000)
Sports Pavilion
\$750k



Otumoetai College (2002)
Toilet, Bicycle Enclosure, Maori
Studies, Performing Arts Block,
Science Block, Technology Block,
Library
\$10million



Te Puke High School (2002)
Administration, Food Technology,
Toilet, Technology, Performing Arts,
Science Blocks & Special Needs Unit
\$5.5million



Tauranga Girls' College (2001)
Technology Block, Administration
Block, Gymnasium
\$5.2million

Other Projects

Aberdeen School
Cultural & Community Centre

Bellevue School
Administration Block and Carpark

Bethlehem School
Administration Block and Carpark

Cambridge Middle School
Classrooms

Church College
Gymnasium

Fairfield Intermediate School
Auditorium

Glenview School
Library

Greerton Village School
Administration and Computer Blocks

Hamilton Boys' High School
Science Block Addition

Hamilton Girls' High School
Malins Block, Administration Block,
Student dormitories

Hamilton West School
Information Technology Block and
Alterations / Upgrades

Hillcrest High School
Gymnasium

Hukanui School

Katikati Primary School
Classrooms

Katikati College
Administration and Maths Block

Melville Primary School
Administration Block

Mt. Maunganui Intermediate
Computer Block

Nawton School
Administration Block

Putaruru Intermediate School
Library Upgrade

Onehunga Primary School
Hall

(Glenn McHardie at Architecture Brewer Davidson)

Rotorua Intermediate School
Technology Block and Classrooms

Taumarunui High School
Nelson Block

Tauriko Primary School
Classrooms

Te Kowhai School
Library

Thames High School
Redevelopment works

Waerenga School
Classrooms Refurbishment



Our Values: Integrity, Team, Quality, Customer Focus, Passion & Balance

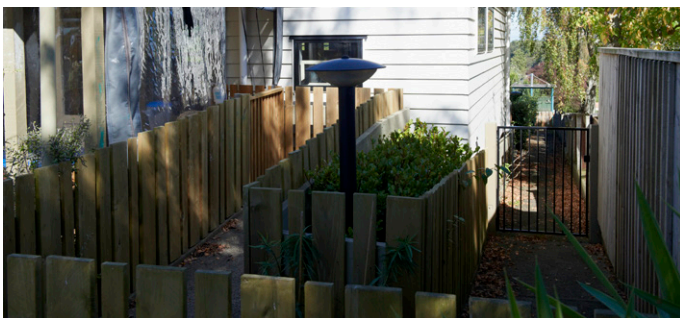




Curious Cubs Childcare Centre

Hillcrest, Hamilton

Completed 2014, \$500k value



Extension to an existing building that had already shifted from residential to offices and now a childcare centre.

Focus around creating enough space to cater for demand and the Ministry's regulations, with inclusion of a pop out lean to.

The outcome is a light and open space full of life and vitality... happy kids, happy parents!



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Waihi Academy

Waihi

Completed 2010, \$40m value



Stiles and Hooker have been involved in the construction of Waihi Academy new International School since 2007.

The \$40 million project involves a new main hall and auditorium, student dormitories, classrooms and an administration and library block.



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HBHS - Fitness & Training Centre

Hamilton Boys' High School, Hamilton,
Completed 2009, \$6.1m value



Stiles and Hooker's relationship with the Hamilton Boys' High School Board of Trustees developed strongly with a number of successful completed projects which exceed the school's expectations.

A prominent site and the client's requirement for a contemporary building that still visually connects to the school's existing built form were important factors when considering this new gymnasium.

This project will substantially increase the school's existing gymnasium facilities by providing a new gym, changing room facilities, staff offices, fitness/weights centre and integrating the school's existing two small gyms as part of the finished building.



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HBHS - Frank Sargeson Centre

Hamilton Boys' High School, Hamilton
Completed 2009, \$1m value

Stiles and Hooker's relationship with The Hamilton Boys' High School Board of Trustees has developed over the past 9 years with a number of successful completed projects which exceed the schools' expectations.

While originally intended to be an "international" block to accommodate the needs of foreign students, the Frank Sargeson Centre brief was revised and extended to include the development and future expansion needs of the Hamilton Boys' High School English Language Department.

Stiles and Hooker's goal was to take an otherwise fairly conservative building and add interest and give it a dimension of character to create a less static architecture and communicate "difference" in a positive light.

Awards

NZIA Resene Local Award For Architecture (Education)



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Te Akau Ki Papamoa Primary

Papamoa

Completed 2006, \$160k value



Te Akau Ki Papamoa Primary School was designed to accommodate a growing community in Tauranga.

Built on a greenfield site, this was the first school in New Zealand to be designed from the new primary school building code. The project required working with tight cost constraints and master planning, with provision for future growth. The architectural design established a strong and unique identity that became the focal point for the new community.



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Health Care Profile

Health Care Projects



Anglesea Clinic (1991/2007)
\$2.2million



Fertility Associates Wellington
(2007)
\$1million



Fertility Associates Hamilton
(2006)
\$1million



Lifecare Cambridge Extensions
(2006)
\$1million