

CONNECTED /BY DESIGN

Industrial + Manufacturing



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INDUS

Kmart, Ruakura Superhub
Hamilton

RES

TOW

An aerial photograph of a shipping yard filled with rows of intermodal containers in various colors like blue, red, and white. The containers are stacked in neat rows, creating a strong sense of order and repetition. The text is overlaid on this image.

INDUSTRIAL / SITES DESIGNED FOR WORK



Lexus Ti Rakau Drive
Auckland

About us

Established in 1992, Chow:Hill is a multidisciplinary design practice with extensive experience delivering industrial, logistics, manufacturing, and processing facilities across New Zealand.

Our team of architects, architectural technicians, urban designers and interior designers bring an integrated approach to every project. Whether designing distribution centres, processing facilities, industrial parks, workshops, warehouses, or manufacturing environments, we focus on creating practical, efficient, and future-ready facilities that support productivity and long-term success.

From our studios in Hamilton/Kirikiroa, Auckland/Tāmaki Makaurau, and Christchurch/Ōtautahi, we partner with nationwide clients to deliver efficient, future-ready industrial sites. Our expertise spans site consolidation, live operational facilities, staged delivery, complex stakeholder requirements, specialist logistics, manufacturing, processing and workshop environments.



Lexus Ti Rakau Drive
Auckland

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REAL / WORLD INDUSTRIAL / SITES

KMart, Ruakura Superhub
Hamilton



Practical solutions that meet technically complex industrial demands

From logistics hubs and manufacturing plants to workshops and processing facilities, Chow:Hill designs practical, hard-working environments built to withstand the demands of real-world industrial operations.

At Chow:Hill, we understand that industrial and manufacturing facilities must do more than support production. They need to operate efficiently, enable growth, support people, and respond to evolving operational and environmental demands.

Through thoughtful design and close collaboration, we create high-performing industrial environments that balance functionality, durability, safety, and user experience.

Our designs balance efficiency, functionality and durability, delivering facilities that work as hard as the businesses they support.

Ruakura Superhub Site
Hamilton



Our Expertise

We create practical, high-performing industrial facilities that withstand operational demands, support growth and deliver lasting performance.

Sector Expertise

Manufacturing + Processing

Warehousing + Distribution

Automotive + Heavy Vehicle

Logistics + Transport

Workshops + Maintenance

Infrastructure + Utilities

Industrial Parks + Precincts

Our Services

Industrial facility design and delivery

Brownfield, greenfield and live operations

Operationally focused design

Construction staging for business continuity

Specialist equipment integration

Stakeholder, contractor and consultant coordination

Health, safety, consenting and compliance

Efficient and low-maintenance facilities

Technically complex site solutions

Future-ready, adaptable, long-term performance sites



Kmart, Ruakura Superhub
Hamilton



LIVE OPERATIONS

CAL Trucks —Commercial Autos

HAMILTON

Industrial redevelopment projects are often judged by the finished building. For CAL Trucks, success was measured differently. The challenge was not only to deliver new facilities, but to do so while maintaining business continuity across active service, fabrication, parts and customer operations.

Client CAL Trucks Commercial Autos

Status Current

Sector Industrial / Automotive

Project Team

Project Architect - Brian Rastrick

Project Architect - Mark Owens

Documentation & Senior Technical Lead - Ropate Nasau

Over the past several years, Chow:Hill has partnered with CAL Trucks on a staged redevelopment programme across both Hamilton and Auckland, supporting the company's long-term growth, operational efficiency and site consolidation objectives.

Redeveloping a Live Industrial Environment

The Hamilton redevelopment began with the replacement of CAL Trucks' existing service workshop within a live operational environment. Careful planning and staging were required to ensure surrounding fabrication, administration, and parts operations could continue uninterrupted throughout construction.

Designed specifically for heavy vehicle servicing, the new workshop includes six service pits, VTNZ Certificate of Fitness inspection lanes, a full-length gantry crane system, and integrated oil and lubrication reticulation.



The Challenge

The primary challenge was delivering a major redevelopment within a live operational environment. Maintaining safe access and carefully sequencing construction around day-to-day business requirements were critical to project success. The completed workshop enables the consolidation of servicing operations previously spread across multiple locations, improving efficiency and supporting future growth.





Consolidating Operations

Running in parallel with the Hamilton programme is the redevelopment of CAL Trucks' East Tamaki operation. The project includes a new heavy vehicle workshop, service pits, skylifts and hoists, customer reception and staff amenities.

Additionally, an existing industrial building is being remodelled to accommodate sales, parts, fabrication, and New Truck Preparation functions.

Once complete, the new development consolidates multiple operations into an integrated site, improving efficiency, collaboration and flexibility for future growth.

A Staged Approach to Growth

Following completion of the workshop redevelopment, the next stage of the Hamilton masterplan focused on expanding operational capability.

A new 1,400sqm industrial facility was developed to accommodate New Truck Preparation (NTP) activities and provide additional parts storage capacity, allowing CAL Trucks to continue growing its operations while minimising disruption.

The current phase includes a new service and parts reception, upgraded customer facilities, enhanced sales environment, and expanded staff amenities. These improvements have been delivered through a carefully managed decanting strategy and staged relocation of operational functions, enabling the business to continue operating while facilities are progressively upgraded.

Supporting Business Transformation

Across Hamilton and Auckland, the redevelopment programme has focused on consolidating operations, improving efficiency, and creating facilities that support staff, customers and long-term business growth.

Through strategic planning, staged delivery, and a strong understanding of industrial operations, Chow:Hill has supported CAL Trucks through a complex multi-site transformation while maintaining business continuity.

The result is a series of facilities designed to support both current operations and future growth.

Expertise Applied

Brownfield redevelopment

Live operational environments

Complex coordination

Operational facility planning





BUSINESS CONSOLIDATION

Ebbett Tauriko

TAURANGA

Ebbett Tauriko is a new 4,400sqm automotive dealership development on a 13,500sqm site in Tauranga, consolidating four existing locations and bringing together seven vehicle brands within a single purpose-built facility.

Client Ebbett Automotive
Status Current
Sector Industrial / Automotive
Project Team
Project Architect - Brian Rastrick
Project Architect - Nicole Clark
Documentation & Technical Lead - Ryan Chambers

An Integrated Site with Distinct Brand Standards

The development centres on shared workshop and parts operations, improving efficiency while maintaining the distinct identity and customer experience of each brand. The project required the integration of multiple manufacturer standards, specialist servicing infrastructure, customer-facing facilities, and staff amenities within a cohesive architectural solution.

Through careful planning and stakeholder engagement, Chow:Hill delivered a flexible, high-performing facility that enhances operational efficiency, supports future growth, and provides long-term value for the business.



Expertise Applied

Multi-site business consolidation and transformation

Integrated multi-brand vehicle requirements

Specialist workshop, service and parts facilities

Complex stakeholder and operational requirements





LARGE-SCALE LOGISTICS

Kmart Distribution Centre

HAMILTON

Kmart Distribution Centre is a 40,000sqm warehouse and office development within the Ruakura Superhub Industrial Zone, completed in 2023.

Client Ruakura Superhub, Kmart

Status Completed (2023)

Sector Industrial / Logistics

Project Team

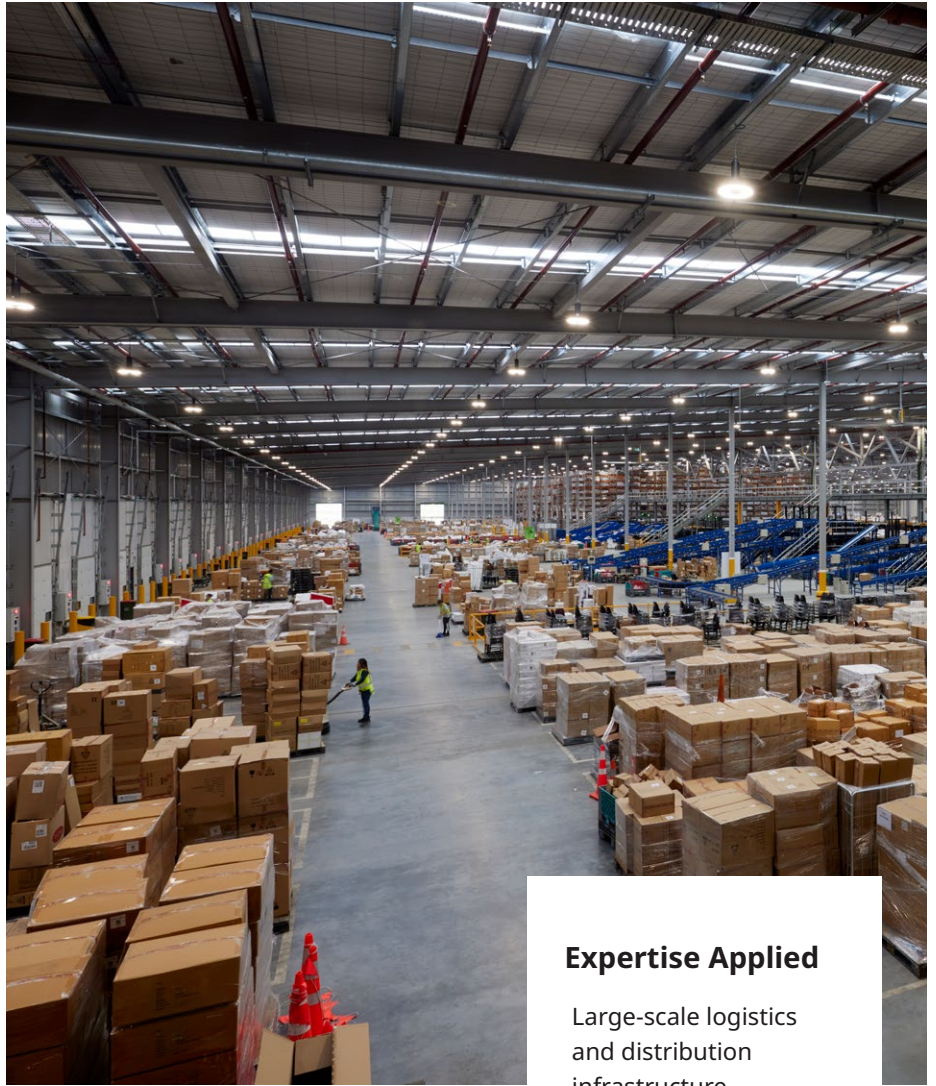
Project Architect - Brian Rastrick

Project Architect - Mark Owens

Large-Scale Operations Warehouse

As one of the largest developments within the precinct at the time, the project demonstrates Chow:Hill's capability in large-scale industrial warehousing and logistics infrastructure within one of New Zealand's most significant industrial developments.

Through our work with Ruakura Superhub, Chow:Hill was invited to join the design-build team responsible for bringing Kmart to the Waikato. The project involved a complex briefing process and extensive coordination with clients, stakeholders, and consultants to deliver a state-of-the-art distribution facility that supports efficient supply chain operations and future growth.



Expertise Applied

Large-scale logistics and distribution infrastructure

Complex stakeholder coordination

Operationally focused design solutions

Collaborative design-build delivery



OTHER PROJECTS

Large-Scale Infrastructure



Ruakura Superhub Master Plan, Hamilton

The Ruakura Superhub is a nationally significant, multi-use development that will span more than 490 hectares upon completion. Since 2019, Chow:Hill has assisted in developing the logistics and industrial master plan for the Ruakura Superhub. The first stage of the logistics and industrial precinct is currently under development. To date, Chow:Hill has completed more than 40 high-level test-fit studies, bulk and location plans for prospective tenants. Chow:Hill also led the development of the overarching design guidelines for the precinct, establishing key design criteria to ensure a cohesive, successful, and well-considered development.



PBT, Ruakura Superhub

The PBT Ruakura project was the first completed development within the new Ruakura Superhub precinct. Following the successful completion of the master-planning phase, Chow:Hill was appointed architect for the design-build project alongside Calder Stewart. The new 2,800sqm facility includes a 1,890sqm loading canopy and a 250sqm office. The building has been designed for future expansion and the integration of solar generation. The Chow:Hill team worked closely with Ruakura Ltd, PBT, and Calder Stewart to ensure both the project brief and delivery aligned with PBT's operational requirements and the wider design guidelines for the development.



25 Sharpe Road, Rukuhia, Hamilton

Chow:Hill developed the concept design as part of a feasibility study for a new industrial warehouse with a 6,200sqm footprint. The proposal includes a small two-level office and staff facility, along with a 300sqm yard. Careful consideration was given to optimising the irregularly shaped site. The existing shared parking arrangement was reconfigured to accommodate additional vehicles and improve circulation for pedestrians, cars, and trucks. Landscaping provides privacy and frames the entrance at the end of a pedestrian laneway, creating a welcoming arrival experience for visitors and staff. The design delivers a distinctive architectural expression while ensuring ample filtered natural light reaches the warehouse floor, enhancing functionality.

OTHER PROJECTS

Commercial & Tertiary Education

Airport Industrial Park Concept, Hamilton

The development of 6.4 hectares adjacent to Hamilton Airport forms part of a larger industrial precinct. Chow:Hill developed the bulk and location master concept for the site, creating a feasibility and marketing package for prospective investors and tenants. The concept includes nine units ranging from 2,000sqm to 7,000sqm, supported by shared amenities such as a café, gym and produce market. Separate circulation routes for service vehicles and visitors ensure customer-facing spaces remain distinct from operational areas. The modular design allows flexible tenancies through movable internal walls, while sawtooth roof forms maximise natural light to the deep floor plates.



Ebbett Gateway, Hamilton

Combining state-of-the-art commercial architecture with a strong customer focus, Ebbett Gateway, Hamilton is a purpose-built dealership that reflects the Group's commitment to service and customer satisfaction. Designed on a 25,000sqm shared site, the two-storey building combines eight-metre-high glazing and striking angled structural beams with Scandinavian-inspired design elements to connect two distinct automotive brands. Departing from the traditional dealership model, the design prioritises pedestrian movement and customer experience, creating a contemporary and welcoming environment.



Wintec Engineering & Trades Facility, Hamilton

In 2011, Chow:Hill was commissioned to undertake the master planning of Wintec's new Rotokauri campus. The primary objectives were to establish a strong campus identity, improve connectivity, and create a distinct sense of place. The flagship development within the campus is the Engineering & Trades Facility, located at the northern end of Hamilton's Mangaharakeke Drive (formerly Avalon Drive). The 5,000sqm multidisciplinary facility provides modern teaching and learning environments for staff and students engaged in vocational trades education.





Ebbett Gateway
Hamilton

Meet the Team

The Chow:Hill Industrial Team creates operational environments that support productivity, efficiency and future growth. Combining strategic insight with practical experience, we work alongside clients to deliver facilities that strengthen operations, support business goals, and adapt to future needs.

Key People

Below is a selection of our front-end people who would set the course.



Brian Rastrick

Senior Principal, Registered Architect // BArch(Hons), NZIA
Chow:Hill Hamilton // brian.rastrick@chowhill.co.nz

With 20 years' experience across the commercial and industrial sectors, Brian's understanding of how people use space enables clients to achieve architecturally led environments that meet both functional and aspirational requirements. From master planning through to design and construction delivery, Brian takes a hands-on approach and maintains a strong understanding of every stage of the project lifecycle. He enjoys combining diverse design elements to enhance functionality while creating environments that inspire.



Phillip Kempster

Senior Principal, Senior Architectural Technician // NZCD(Arch)
Chow:Hill Hamilton // phillip.kempster@chowhill.co.nz

Recognised for his client-focused approach and comprehensive project documentation, Phillip has worked on a range of award-winning projects across multiple sectors. As leader of the Hamilton studio, he is responsible for resourcing and project planning. His collaborative approach, technical expertise, extensive project experience, and commitment to mentoring, help ensure the team continues to deliver high-quality outcomes for clients.



Mark Owens

Registered Architect // BArch(Hons), NZIA
Chow:Hill Hamilton // mark.owens@chowhill.co.nz

Mark is committed to using design to enhance people's daily experiences in the home, at work and in the public realm. Mark's experience as an architect, both in New Zealand and England, has seen Mark lead a large number of projects across all sectors. His work includes Whakatane District Council Civic Centre remodel, Cambridge High School weather tightness Stage 1 and a number of commercial projects under development.



Rajan Hira

Senior Principal, Registered Architect // BArch, ANZIA
Chow:Hill Auckland // rajan.hira@chowhill.co.nz

Rajan enjoys every stage of the design process, from engaging with clients and end users to resolving construction challenges and developing elegant, functional solutions. He combines these elements to create architecture centred on people. Known for his ability to listen, connect, and collaborate, Rajan works closely with stakeholders to design spaces that enable communities to thrive.



Stuart Mackie

Senior Principal, Registered Architect (UK) // MArch, RIBA, ANZIA
Chow:Hill Auckland // stuart.mackie@chowhill.co.nz

Skilled at challenging assumptions and identifying innovative solutions to complex project requirements, Stuart delivers high-quality outcomes across both public and private sectors. His primary focus is large-scale placemaking, master planning, and site development projects. Stuart believes every project has the potential to create meaningful transformation and shape the experiences of organisations, services and communities.

Let's connect!
We'd love to hear
about your next
design project.

chowhill

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