



**POSITIVE  
PEOPLE  
POSITIVE  
OUTCOMES**

**CHESTER**

# Services

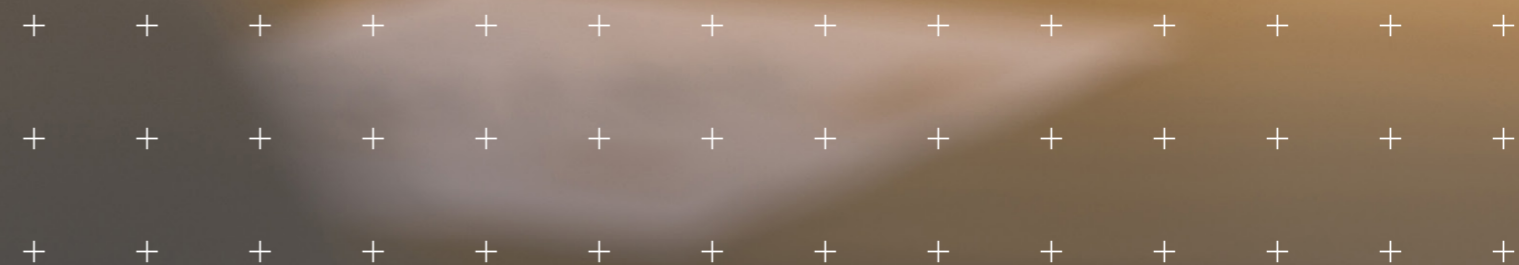
Chester have teams in the fields of Civil, Fire, Planning, Project Delivery/ Management, Structural and Survey. We use our combined skillset to deliver certainty to your development project. We work extensively throughout New Zealand, Fiji and the wider Pacific Region.

## + OUR SERVICES

- Project Feasibility and Due Diligence
- Project Definition and Strategy
- Project Management
- Concept through to Detailed Design
- Engineer to the Contract
- Engineer's Representative
- Inspections
- Construction Monitoring – Including Surveillance
- Council Sign-off and Certification
- Monitoring Surveillance Quality Assurance

## + OUR SECTORS

- Residential
- Industrial
- Local Government
- National Government
- Commercial
- Social Housing Developments
- Resorts, Hotels and Apartments
- Heritage Restoration
- Schools and Early Childhood Education Centres
- Marine and Special Use

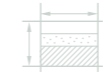




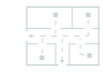
## Project Management



Our team prides themselves on providing a high level of client engagement and collaboration, adding real value to all of the projects we manage.



Our team can provide a range of project delivery advice and services including Engineer to Contract, Engineers Representative, Client Representative and Programme Management. We also provide professional advice on Project Governance, Project Role Responsibilities, and Procurement Strategy. On the practical side, Chester can also provide front-end services including Condition Rating, Structural Assessments and advice on Asset Management. Stephen Baker leads the Chester Project Delivery team and brings his experience as a former NZTA and Beca Project Director to direct multi-disciplinary teams to plan, design and deliver projects, both large and small.



Our team prides themselves on providing a high level of client engagement and collaboration, adding real value to all of the projects we manage. This ethos is shared across every level and discipline of the wider Chester team, as each member seeks to closely align the project outcomes to our clients' needs and expectations.

### + SERVICES

- Project Governance
- Project Management
- Design Management
- Cost Management
- Contract Management including NZ3910 and NEC3 Contracts
- Procurement
- Strategic Advice
- Construction Monitoring and QA Surveillance
- Project and Alliance Board Member
- Project Director Roles
- Project Designer Roles
- Clients Representative
- Engineer to the Contract
- Engineer's Representative
- Leading Multi-Disciplinary Design Teams
- Programme Management
- Planning Hearing Evidence

### + PROJECTS

- 62 Pokeno Road Residential Development (2017)
- Fiji Aviation Authority (2018)
- NZ Sugar Container Yard (2017)
- Diocesan School for Girls Artificial Sports Field Design (2010)
- Kumeu Arts Centre Extension (2018)
- Dairy Flat Early Learning Centre (current)
- Light Rail CC2M Business Case (current)
- Marsden Point Rail Link (current)
- Auckland Council - Healthy Water Capital Works (current)





# Planning

Our planning team can help you identify what is possible for you with your development and then provide a clear path to follow to make your vision become a reality. We strive to understand your project drivers and what a successful outcome looks like to you and our experience and wider industry relationships ensure that your project will be delivered to a high standard.



Our planning team has provided services throughout New Zealand on a wide range of projects of varying scope. We have extensive experience in hearings and notified consents. The Chester planning team works alongside our other teams across the Project Delivery Management, Survey, Civil, Structural and Fire disciplines. Having this expertise allows us to deliver the best outcome to you and your project and also allows us to help identify and resolve potential issues before they arise.

## + SERVICES

- Auckland Unitary Plan Advice
- Resource Consent Applications
- Assessments of Environmental Effects
- Residential Subdivision and Development
- Commercial Development
- Ministry of Education Development
- Apartments and Mixed Use development
- Strategic Planning Advice
- Hearings

## + SECTORS

- Residential
- Commercial
- Industrial
- Education / Childcare
- Local Government
- Body Corporate
- Transport / Infrastructure
- Coastal / Marine
- Hotels / Resorts
- Churches and Community





## Survey



Development projects are all about location – and Surveying gives us the location and topographical information to make real-world designs possible. The Chester Surveying team has extensive experience and when that is combined with advanced technical equipment and industry-leading software, we are able to deliver a wide range of land surveying services, including topographic surveys, Resource Consent scheme plan design, setout and monitoring of projects, replacements of boundary pegs and large-scale legal survey outputs.



Our Surveying team has provided surveying services throughout the North Island of New Zealand, and more recently, for several large developments in Fiji. The Chester Survey Team works alongside our other teams across the Civil, Structural, Transport and Fire disciplines. Having in-house technical expertise in these closely-related fields allows us to rapidly deliver best-practice solutions that are tailored to our clients' needs.

### + SERVICES

- Subdivision Assessment and Feasibility Reports
- Topographic Site Surveys
- Land Transfer Legal Surveys
- Boundary Pegging
- Freehold Subdivisions
- Resource Consent Application Scheme Plans
- Unit Title Developments
- Cross Lease Development
- Building and Construction Setout
- As-built Surveys
- Monitoring – Height to Boundary Surveys and Certification
- BMA Leasable Area Surveys
- Acquisitions Under the Public Works Act 1981
- Monitoring Surveys

### + SECTORS

- Residential
- Commercial
- Industrial
- Education / Childcare
- Local Government
- Body Corporates
- Transport / Infrastructure
- Coast / marine
- Hotels / Resorts
- Churches and Community





## Civil

Civil design is all about creating liveable, functional, and enjoyable environments for people to live in. The Chester Civil team has a wealth of experience in land development and infrastructure design that allows ideas to become reality.



From subdividing residential backyards through to designing luxury island resort complexes in the Pacific, we have the in-house technical expertise to make your project a success.



The Chester Civil team delivers a wide range of services within the land development and infrastructure space including earthworks, sediment and erosion control, wastewater, stormwater, flood management, assessments, water supply, firefighting, roading, driveways, contract management, project management and construction monitoring. We have completed projects across many market sectors, including private residential, resorts/hotels, coastal/marine, commercial, industrial, educational, institutional, and government.



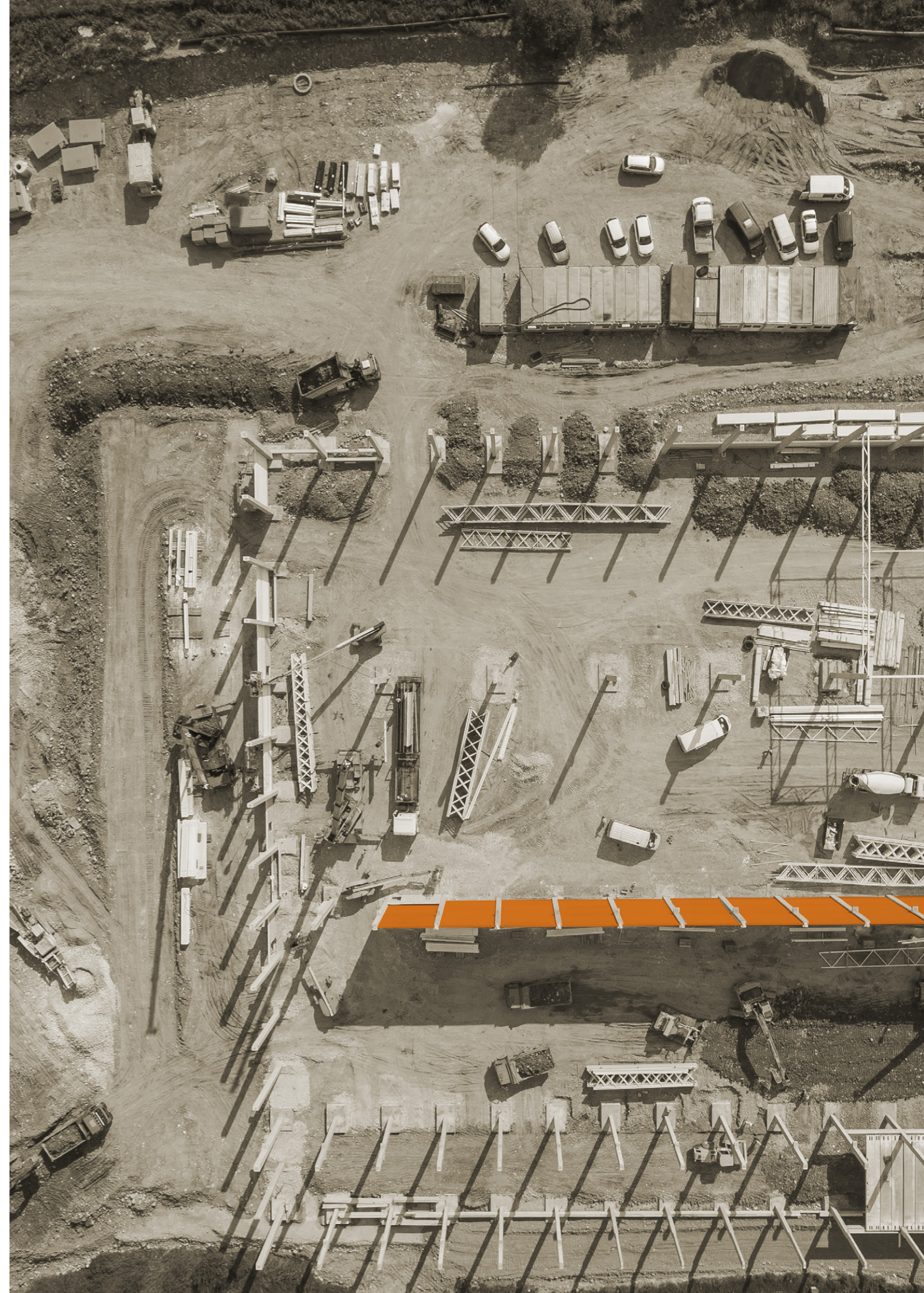
Our clients enjoy our commitment to their specific needs, as we build our design methodology around their goals and requirements. We have a culture of communicating clearly with our clients and enjoy delivering great outcomes for them.

### + SERVICES

- Earthworks and Sediment and Erosion Control Design
- Stormwater Design
- Wastewater Design
- Water Supply Design
- Flood Risk Assessments / Management
- Firefighting Water Supply Assessments
- Roding and Access Way Design
- Land Development Reports
- Infrastructure Reports
- Contract and Project Management
- Capacity and Feasibility Reports
- Construction Monitoring
- Engineers Estimate

### + SECTORS

- Residential
- Commercial
- Industrial
- Education / Childcare
- Local Government & CCO's
- Body Corporates
- Transport /Infrastructure
- Coastal / Marine
- Hotels / Resorts
- Churches and Community





## Structural



The design of buildings and structures requires a specialised set of skills to make them enduring, attractive, and functional. We have this expertise in our Chester Structural team, with experience completing projects from private residential buildings all the way up to high-rise commercial buildings.



We can assist with the design of any structural elements including new or existing buildings; commercial, industrial, residential and group housing projects; alterations; retaining walls; foundations and more.



The Chester Structural team has built a strong reputation with our clients for developing structural designs that are elegant and cost-effective. We know that each project comes with its own contextual considerations; we relish the challenge of designing to your specific needs. Our Structural team works closely with other in-house disciplines, meaning that we can efficiently provide complete work packages for clients as a one-stop shop.



Our Structural team also provides inspection and monitoring services, including building survey reports on existing buildings, safety and sanitary reports, Certificate of Acceptance (C of A) applications, and structural supervision.

### + SERVICES

- Structural Analysis and Design
- Initial Seismic Assessments (ISAs)
- Detailed Seismic Assessments (DSAs)
- Seismic Strengthening
- Structural Inspections and Reports
- Construction Monitoring
- Foundation Design
- Retaining Wall Design
- Site Inspections
- Building Survey Reports
- Safety Reports
- Certificate of Acceptance Applications
- Structural Supervision
- Bridges & Civil Structures

### + SECTORS

- Residential
- Commercial
- Industrial
- Education / Childcare
- Local Government
- Body Corporates
- Infrastructure
- Coastal / Marine
- Hotels / Resorts
- Churches and Community



## Fire



Fire Engineering is a specialised technical field that uses design, modelling, and technology to develop safe buildings and structures. Chester has an in-house team of dedicated Fire Engineers with collective experience totalling over 80 years.



We provide Fire Engineering services across a range of market sectors including educational, institutional, recreational, industrial, commercial, residential, special purpose developments, Oil, Gas & Petrochemical, and high hazard industry.



Our end result is peace-of-mind for our clients, knowing they have taken necessary action to adequately protect people and property. The Chester Fire team recognises that regulatory requirements are just the beginning – we can employ smart technology solutions and innovative designs to achieve even higher levels of protection and safety. We use advanced calculations and models to accurately portray how buildings or structures will behave in the event of a fire, allowing us to undertake project-specific design to maximise safety.



### + SERVICES

- Fire Reports to Acceptable Solutions
- Specific Engineering Design
- Fire Engineering Assessments
- Building Alterations
- Change of Building Use
- Building Subdivision
- Fire Engineering Gap Assessments
- Building Consent Advice
- Construction Monitoring
- People Movement & Egress Modelling
- Smoke & Heat Modelling using Dynamics Simulator (FDS)
- Third Party Safety Audits
- Emergency Lighting Design (Work Subcontracted)

### + SECTORS

- Residential
- Commercial
- Industrial
- Education / Childcare
- Government (Local and Agencies)
- Body Corporates
- Hotels / Resorts
- Churches and Community







Steven Rankin



Steve Baker



Paul Hutton



Gary Chester

## Our Directors

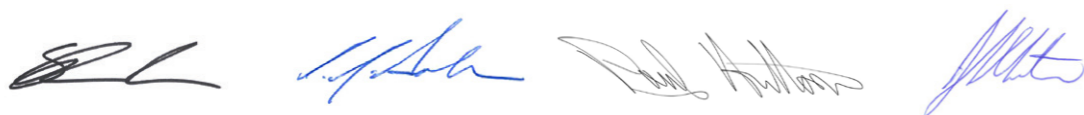
Chester Consultants Ltd is a 100% NZ-owned, multi-disciplinary consultancy founded in 1985. The Chester team has experienced strong growth and now operates across a variety of different sectors.

Over 30 years in business coupled with 110 years collective experience amongst the four directors and backed by an extremely capable team of 50+ specialist engineers, surveyors, project managers and technical staff means we have the skills, experience, resources and track record to instil confidence when working with Chester.

We are proud of the trust placed in us by our clients and the ability of our team to perform and deliver. We are also comfortable working in partnerships with a wider variety of other consultants and contractors in the industry.

We look forward to working with you in the future.

Steven, Steve, Gary and Paul



## Contact us

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For more information please visit [chester.co.nz](http://chester.co.nz) or [chester.com.fj](http://chester.com.fj)

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