

CAPABILITIES STATEMENT

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OUR STORY

Tribeca Engineering was founded with a simple idea - engineering should make projects easier, not harder. After years of delivering projects within larger consultancies, we saw a gap between technical design and real-world construction. Too often, engineering solutions were overcomplicated, difficult to build, or disconnected from the broader project vision. Tribeca Engineering was created to bridge that gap.

We believe that every project is a partnership and the best outcomes come from collaboration, clear and quick communication and a deep understanding of how buildings are actually delivered on site.

The name Tribeca reflects transformation and refinement, inspired by environments where industrial infrastructure evolved into sophisticated, design-led spaces. That philosophy shapes how we approach engineering: turning complex technical challenges into elegant, buildable solutions.

As a boutique consultancy, we offer something different - direct access to experienced engineers, accountability in decision-making, and responsiveness throughout the project lifecycle. Our clients are not passed between departments; they work with professionals who are invested in the success of the project from beginning to end.

Tribeca Engineering exists to support architects, developers, builders and contractors with dependable expertise, practical thinking, and engineering that works – technically, commercially, and in the real world.

OUR APPROACH

At Tribeca Engineering, we apply a structured and collaborative methodology to deliver practical engineering solutions.. Our process begins with developing a thorough understanding of project objectives, stakeholder requirements, and site constraints. This early clarity enables us to identify risks, value engineering opportunities, and the most efficient design strategies from the outset.

We adopt an integrated design approach, ensuring all engineering services are considered holistically rather than in isolation. Close coordination with architects, consultants, and contractors allows us to minimise conflicts, improve efficiency, and support buildable outcomes throughout the design and construction process.

Our design philosophy prioritises practicality, compliance, and long-term performance. We focus on delivering solutions that are technically robust, cost-effective, and aligned with construction methodologies, while also considering sustainability and lifecycle value.

Clear and coordinated documentation underpins successful delivery. Our drawings and specifications are developed with strong internal quality assurance processes to ensure accuracy, compliance, and constructability.



BUILDING SERVICES

HYDRAULIC

- Sanitary plumbing and drainage
- Trade-waste plumbing and drainage
- Hot and cold-water services
- Irrigation design
- Natural gas services
- Fire hose reel design
- Stormwater design
- Sewer services diagrams
- As-built documentation
- Penetration plans

ELECTRICAL & ASP3

- Electrical system design
- Interior and exterior lighting
- Communication: Voice and data
- NBN design
- Audio visual systems
- Power Generation Diesel standby
- Lightning protection
- Maximum demand calculation
- LUX level measurements and reporting on compliance with AS1680
- Building automation design using C-Bus, KNX and Dynalite
- Nurse call system
- Public address system
- Electronic Gaming Machine design (EGM)
- Photovoltaic system (solar)
- Uninterrupted Power Support system/critical system (UPS)

WET FIRE

- Fire hydrant systems
- Automatic fire sprinkler systems
- Multi-point aspirating smoke detection systems (VESDA)
- Fire hose reel services
- Portable fire extinguishers

DRY FIRE

- Fire alarm and smoke detection systems
- Building occupant warning systems
- Emergency warning and intercom systems
- Multi-point aspiration smoke detection systems (VESDA)

MECHANICAL

- Natural ventilation
- Mechanical ventilation (carpark and commercial kitchen etc)
- Carpark CFD modelling
- Air conditioning (DX system, VRV/VRF system and CHW, HW system)
- Close control and humidity control system
- BMS & DDC system
- Smoke control system (stair pressurisation, lobby relief system)
- Energy management systems
- Medical gases and compressed air
- Peer review, expert witness

PROJECT EXPERIENCE – RESIDENTIAL | MIXED USE (1/3)



HYDE METROPOLITAN

55-storey mixed-use tower with 168 luxury apartments, a six-level Marriott branded hotel, six basement levels, and resident amenities such as pool, gym, sauna, library and concierge.

Developer/Client: Deicorp



MARQUET & MARY

A mixed-use development in Rhodes with 274 apartments across 42 storeys, including affordable housing and ground-floor retail and commercial tenancies.

Developer/Client: Deicorp



MACQUARIE RISE

A mixed-use development in Macquarie Park featuring three residential towers ranging from 12 to 14 storeys, comprising 268 apartments above a two-story retail/commercial podium.

Builder/Developer: Toga
Architect: Turner



CENTRAL QUARTER

A mixed-use development in Merrylands, consisting of 194 residential apartments and 3600sqm commercial/retail space.

Developer/Client Northland



MAISON MOSMAN

A mixed-use development consisting 30 luxury large format apartments, 3 basements levels and Ground floor retail tenancy.

Builder: Northpoint Constructions
Developer: SPG

PROJECT EXPERIENCE – RESIDENTIAL | MIXED USE (2/3)



FIVE WAYS TRIANGLE

A 21-storey building consisting of 191 Apartments, 8000sq m of non-residential gross floor area, including retail, commercial and Marriott Hotel.

Developer/Client: Deicorp



LINDFIELD HOUSE

Residential development containing 237 apartments and approximately 48 affordable rental housing units.

Developer/Client: Landmark



MEADOWBANK CORNER

291 apartments across four buildings, 2,500 sqm Coles supermarket with 15 specialty retailers offering fresh food, casual dining, takeaway, and wellness services.

Developer: Apt Residential
Builder: Buildcorp



11-17 SECOND AVE, BLACKTOWN

Residential development consisting of 324 contemporary apartments and 6 basement levels.

Client: Soneta Plumbing & Civil
Developer/Builder: Landmark



PAGEWOOD LOT C

Residential development of two buildings connected by a podium consisting of 214 apartments and multiple basement levels.

Client: Northview Group
Developer: Meriton

PROJECT EXPERIENCE – RESIDENTIAL | MIXED USE (3/3)



THE STERLING, BROADBEACH

23-storey residential building consisting of 90 luxury apartments and 2 basement levels.

Developer/Client: Raptis



30 BERRY RD, ST LEONARDS

Residential development consisting of 5 residential flat buildings containing 245 units and 4 basement levels.

Client: Soneta Plumbing & Civil

Builder: Decode

Developer: Sekisui House

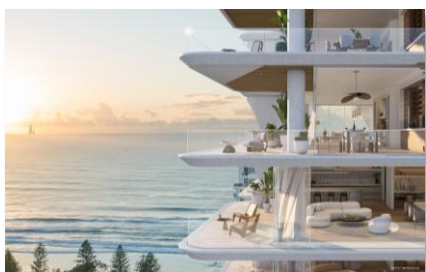


THE ISLAND, CASTLE HILL

Multi-tower residential development consisting of 7 residential towers including 295 Units.

Client: KWG

Project Manager: CPDM



DRIFT RESIDENCE, MAIN BEACH, QLD

The project presents a collection of 50 high quality premium apartments across a 31-level tower.

Developer/Client: GDI Group

PROJECT EXPERIENCE – COMMERCIAL | RETAIL | HOSPITALITY



LANE COVE SPORTS CENTRE

Community sports facility consisting of 4 indoor multisport courts, 4 outdoor multisport courts, 4 multi-purpose rooms, Bistro and outdoor dining, golf pro shop and 234 space car parking bays.

Client: Hydra Build
Builder: Adco Constructions
Developer: Lane Cove Council



OXFORD & FOLEY

Hydraulic design and consulting for the ~9,200sqm redevelopment. Scope included commercial, office, retail and cultural tenancies, water supply, drainage and heritage compliance.

Builder: Growthbuilt
Developer: Toga



WILLOUGHBY AQUATIC

Community aquatic facility featuring a new 25-metre lap pool with access ramp, learn to swim pool, toddler pool, play pools and new spa and sauna.

Builder: Belmadar Construction
Developer: Willoughby Council



MARINE RESCUE TRAINING FACILITY

Self-contained campus, to cater for up to 100 trainees a week, including a large lecture/meeting room, smaller classrooms equipped with marine simulators and other learning tools, outdoor training areas and a pool, and accommodation and meal facilities.

Client: Marine Rescue NSW

PROJECT EXPERIENCE – INDUSTRIAL | LOGISTIC | WAREHOUSE



6 GRAND AVE, ROSEHILL

Multi-storey warehouse complex with integrated loading, storage and distribution infrastructure.

Builder Vaughan Constructions
Developer: Hale



OAKDALE WEST INDUSTRIAL ESTATE

~548,422sqm GLA across multiple industrial buildings. Scope included service delivery for high-clearance warehouses and commercial amenities.

Client: Richard and Crooks Construction
Developer: Charter Hall



21-23 LEXINGTON DRIVE, BELLA VISTA

Office and distribution centre

Client: Landpro Development
Developer: Elite Supplements



67 WESTBOURNE ST, CARLTON

Storage King consisting of 4 storeys and 6,500m² of floor space.

Client: Neoscape
Developer: Storage King/Abacus



2 SHAFT STREET, SILVERWATER

Construction of a multi-storey warehouse building with associated car parking.

Client: Haralambis Property
Builder: Haralambis Construction

PROJECT EXPERIENCE – HEALTHCARE | AGED CARE | SENIOR LIVING | EDUCATION



COWRA HOSPITAL

Redevelopment of Cowra Hospital with services supporting new inpatient areas and essential clinical infrastructure.

Client: Quick Plumbing Group
Developer: Richard Crookes Constructions



JARDIN SENIOR LIVING

Six-storey senior living development with a mix of one-to-three-bedroom apartments, sustainable features, and a focus on community connection.

Client: Richard and Crooks construction (ECI Partner)
Developer: Platino Properties



TALLAWONG PUBLIC SCHOOL

Project consisted of 24 modern classrooms and 3 specialist classrooms, 3 support learning classrooms, amenities, core facilities like canteen, hall and library, a sports court and play areas

Client: Central Plumbing
Developer: Richard and Crooks Construction.



LIVERPOOL BOYS AND GIRLS HIGH SCHOOL

Project consists of 107 classrooms and 7 dedicated support classrooms to cater for up to 2,000 students, a multipurpose hall, new library and canteen, sports courts and a sports field.

Client: Central Plumbing
Developer: Hansen Yuncken



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