

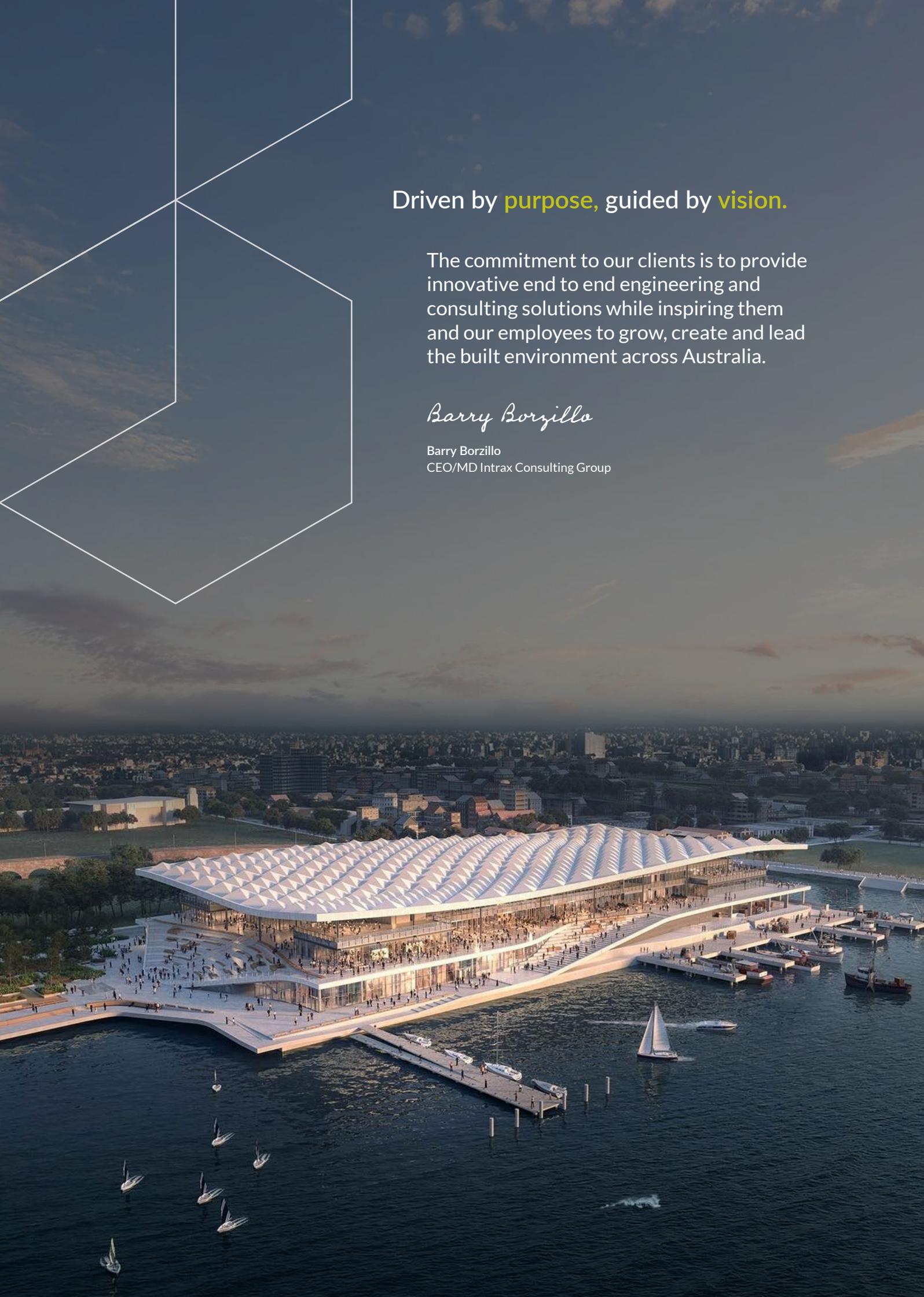


Intrax

PROJECTS



Capability Statement



Driven by **purpose**, guided by **vision**.

The commitment to our clients is to provide innovative end to end engineering and consulting solutions while inspiring them and our employees to grow, create and lead the built environment across Australia.

Barry Borzillo

Barry Borzillo
CEO/MD Intrax Consulting Group

About Intrax

Intrax is a national, multi-discipline professional services firm providing optimised, on-time services across multiple market sectors that contribute positively to clients and communities.

We provide our services to the volume housing, medium density, apartment, commercial, industrial, insurance, infrastructure, education and government sectors.

We offer a full range of engineering and field services that include: Geotechnical, Survey, Structural, Civil, Building Services engineering and Forensic/Remedial.

Established in 2003 as a values led business, our 300+ Australian team members operate from every mainland state and are supported by our 200+ employees in China, Indonesia and Vietnam.

Our values of **performance, respect, innovation, leadership** and understanding drive our employees' behaviour and also serves as our committed way of working with our clients.

Our four divisions collaborate seamlessly, combining expertise across engineering, surveying and geotechnical services to deliver innovative solutions.

2003

Established

500+

Team of experts

6

Offices nationwide





Atura Hotel,
Building Information Modelling (BIM)



Intrax Projects Division provides comprehensive consulting engineering services for both private and public projects. By integrating expertise across structural, civil, building services, and sustainability engineering, we offer optimised, coordinated solutions.

Our competitive edge is our interdisciplinary approach, where the Intrax Projects team collaborates across engineering disciplines to deliver the best solution. This method saves our clients time and money, reducing the need for external coordination. We also leverage our Land division for surveying and geotechnical services, and our Forensic division for building investigations and rectification.

To ensure a coordinated services approach we create an integrated Building Information Model (BIM) that we share with the design team. We use advanced clash detection throughout the project lifecycle to ensure coordination across disciplines. This proactive approach enables us to identify and resolve potential conflicts early supporting a streamlined construction process.

Intrax Projects handles a diverse range of projects across various sectors:

Living

- › Boutique apartments
- › Low-mid rise apartments
- › High rise apartments
- › Hotels
- › Built-to-rent apartments
- › Aged care and senior living
- › Student accommodation

Office

- › Base building
- › Fitout
- › Upgrades
- › Electrification

Education

- › Early learning
- › Primary
- › Secondary
- › TAFE
- › Independent
- › Universities
- › Special needs

Retail

- › Shopping centres
- › Standalone stores
- › Major and speciality tenancy fitout

Public

- › Community centers
- › Sports facilities
- › Libraries
- › Government buildings

Industrial

- › Storage
- › Factories

Healthcare

- › Clinics
- › Medical centres
- › Day surgeries
- › Hospitals

Our Disciplines

We consult with our clients, understanding their objectives and requirements, and then develop **cost effective and timely solutions** to maximise project value.



Sectors

With extensive experience across a diverse range of sectors, our team consistently delivers **innovative solutions** tailored to meet the unique demands of each industry.

Living



Boomerang Tower, Sydney Olympic Park



The Albertine, Melbourne

Office



100 Mount St, North Sydney



20 Spink St, Brighton

Education



Ryde Secondary College, Ryde

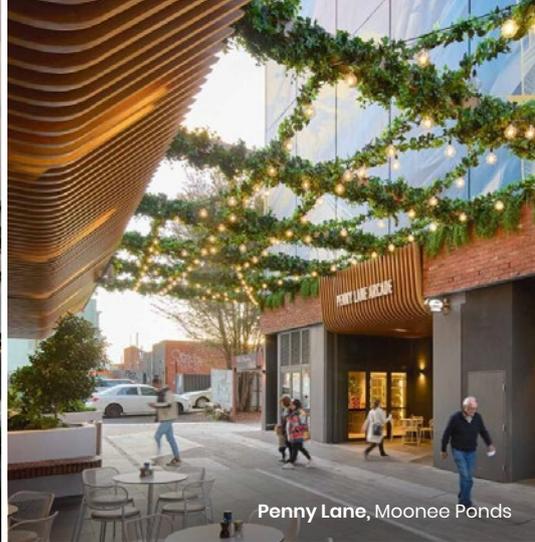


Padua College Coolock Centre, Morningside

Retail



Oran Park Hotel, Oran Park



Penny Lane, Moonee Ponds

Public



Sandringham Library, Sandringham



Lane Cove Sports and Recreation Centre, Lane Cove

Industrial



Alcoa, Portland



Paramount Boulevard, Cranbourne West

Healthcare



Alfred Infectious Diseases, Melbourne



Hornsby Ku-Ring-Gai Hospital Refurbishment, Hornsby



Building Services

Intrax Projects has a dedicated building services team that are experts in the design of the mechanical, electrical, hydraulic, fire protection and vertical transport systems that are key to the buildings operation.

Intrax Projects building services team are dedicated to delivering client-focussed and cost-effective solutions for projects across Australia. We bring local expertise and a deep understanding of the unique challenges and opportunities for the Australian market.

We work with our clients to understand particular needs and drivers for their projects and cater our design ethos and solutions to suit. Our commitment to excellence ensures that every project, from concept to completion, is executed with precision and care.

By leveraging the latest technologies and industry best practices, we provide exceptional service and create solutions for projects that are both functional and efficient.

We provide end-to-end, collaborative, coordinated and optimised projects with in-house geotech, land surveying, structural and civil engineering services.

**Partner with us to
bring your vision to
life and experience
the difference in
quality, expertise and
personalised service.**

Building Services

Project Types

- › New buildings
- › Refurbishments and upgrades
- › Extensions
- › Peer review
- › Value engineering
- › Due diligence
- › Existing condition assessment
- › Utility liaison and connections
- › Compliance review
- › Planning advice

Service Offering

Mechanical Services

- › Heating and cooling systems
- › Ventilation systems
- › Smoke management systems
- › Control systems

Electrical Services

- › Power connections and distribution
- › Power generation
- › Artificial lighting
- › Communications system
- › Security systems
- › Audio visual systems
- › Dry fire detection systems

Fire Protection Services

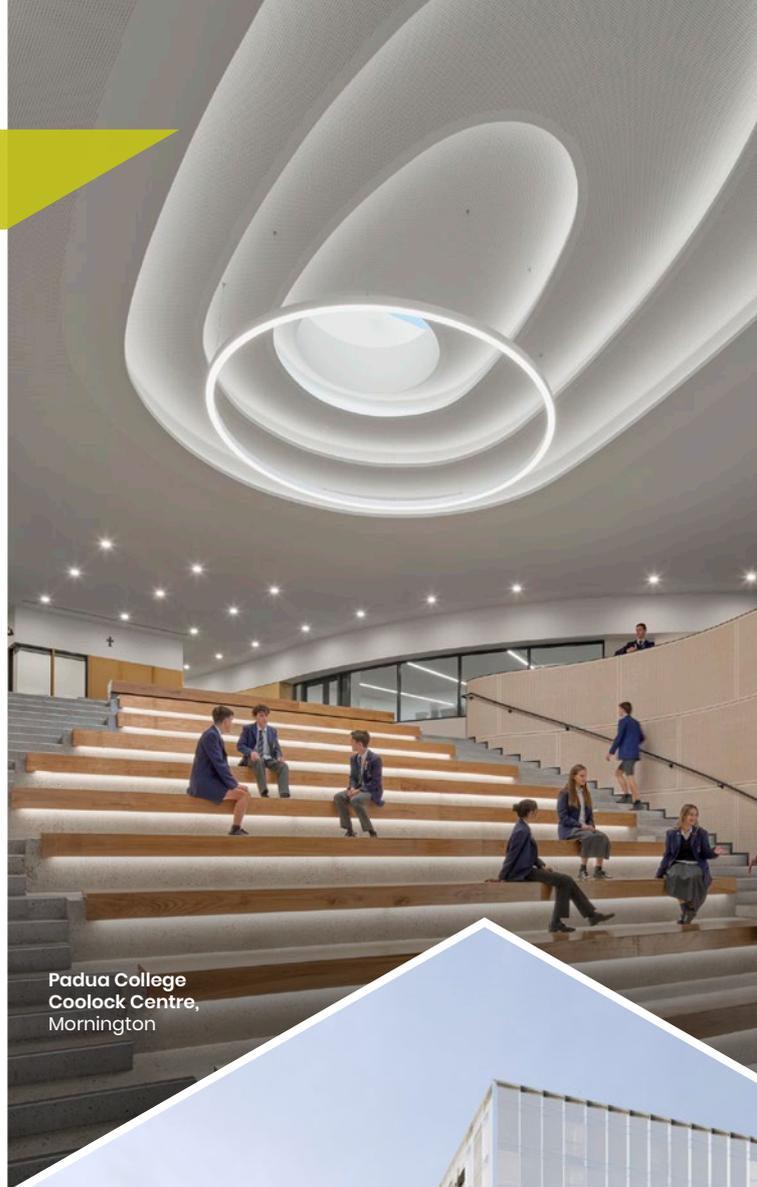
- › Fire sprinkler system
- › Fire hydrants and hose reels
- › Portable fire extinguishers

Hydraulic Services

- › Sewerage
- › Water
- › Stormwater
- › Natural gas

Vertical Transport Services

- › Passenger and goods lifts
- › Escalators
- › Moving walks/travelators





Civil

Intrax Projects has a dedicated civil team that are experts in the design of stormwater systems and vehicle access that are key to ensuring the building remains accessible and operational throughout storm events now and into the future.

Intrax provides tailored civil engineering solutions that consider the characteristics of each development, including site conditions, existing infrastructure, and local authority requirements. Our team of qualified engineers and designers bring expertise to every project, ensuring that we meet client expectations. By engaging with local authorities and leveraging our industry knowledge, we facilitate timely approvals allowing projects to move forward and avoid unnecessary delays.

Intrax is committed to delivering exceptional civil engineering outcomes by aligning client priorities with cost-effective, efficient solutions, providing a seamless experience throughout every phase of the project.

Our integrated, end-to-end approach encompasses all engineering disciplines, from concept through to occupation. With in-house expertise in structural, building services, geotechnical, and survey, we ensure solutions are coordinated, reducing risk and minimising potential time delays or construction issues.

Project Types

- › New buildings
- › Refurbishments and upgrades
- › Extensions
- › Peer review
- › Value engineering
- › Due diligence
- › Existing condition assessment
- › Utility liaison
- › Compliance review
- › Planning advice

Service Offering

Stormwater

- › Overland flow paths
- › Inground stormwater
- › Onsite detention
- › Integration of stormwater water quality targets
- › Water sensitive urban design (WSUD)
- › Subsoil drainage
- › Flood assessments

Bulk earthworks

Pavement design

Vehicle access design

Road design

Utility infrastructure review

Our team of **qualified engineers and designers** bring expertise to every project, ensuring that we meet client expectations.



Wallerawang Power Station and Ash Mine
Lithgow



Macedon Ranges Regional Sports Precinct,
New Gisborne



Lifestyle Communities
Woodlea, Aintree

Structural

Intrax Projects has a dedicated structural engineering team specialising in the design of building structures. Their expertise ensures that buildings can withstand daily use, extreme weather events, and seismic forces, providing safe and reliable structural solutions.

We are committed to partnering with our clients to understand their unique needs and deliver cost-effective, timely, and environmentally sustainable engineering solutions for building structures across Australia.

With a team of passionate, locally-based professionals, we prioritise building strong relationships, understanding client objectives and offering expert consulting advice to deliver well-considered projects for all stakeholders.

Our strength lies in our integrated end-to-end approach, encompassing all engineering disciplines from project feasibility through to completion. With in-house expertise in structural, building services, civil, geotechnical and surveying. We ensure coordinated solutions that minimise risk, reduce delays and minimise construction issues.

Project Types

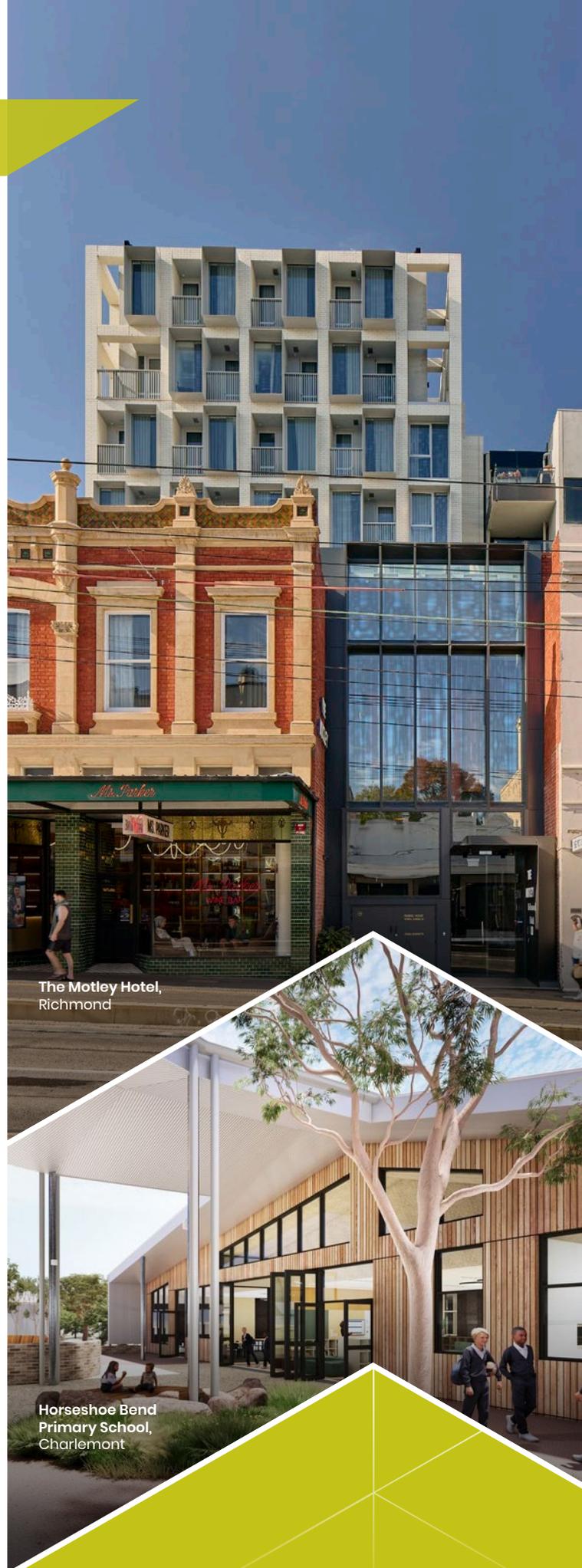
- › New buildings
- › Refurbishments and upgrades
- › Extensions
- › Peer review
- › Value engineering
- › Existing condition assessment
- › Independent certification
- › Seismic strengthening
- › Compliance review
- › Planning advice
- › Construction inspections

Service Offering

Structural design including:

- › Footings and foundations
- › Pile foundation and retention systems
- › Lateral stability systems
- › Suspended floor designs
 - Concrete (reinforced, post tensioned, precast/modular)
 - Structural steel and composite design
 - Timber (light weight framing, mass timber, CLT)
- › Load bearing walls and columns
- › Structural steel framing
- › Retaining walls
- › Existing building strengthening

We ensure **coordinated solutions that minimise risk, reduce delays, and minimise construction issues.**



The Motley Hotel,
Richmond

Horseshoe Bend
Primary School,
Charlemont



Djerring Flemington Hub,
5 Star Green Star Certified

Sustainability

Intrax Projects has a dedicated environmentally sustainable design (ESD) team that are experts in the design and optimisation of building design, fabric and services to reduce the impact on our environment and improve occupant wellbeing.

In line with Intrax's philosophy, we take a collaborative approach to environmentally sustainable design using our broad engineering knowledge and applying it to achieve a coordinated and integrated design that maximises environmental performance.

We specialise in delivering innovative, sustainable solutions that align with the latest industry standards and environmental regulations. Our expert team is passionate about helping clients achieve their sustainability goals through energy-efficient design, resource optimisation, and sustainable building practices. We pride ourselves on our ability to integrate cutting-edge technologies and strategies to reduce carbon footprints and enhance the long-term performance of buildings. Choose Intrax to create sustainable, future-ready environments that benefit both people and the planet.

Sustainability

Project Types

- › New buildings
- › Refurbishments and upgrades
- › Extensions
- › Peer review
- › Value engineering
- › Compliance review
- › Planning advice

Service Offering

Planning advice and assessments

- › BASIX
- › BESS
- › STORM
- › MUSIC

Building code compliance

- › NCC section J
- › NCC J1V3
- › NatHERS

Energy, water and daylight modelling

Environmental excellence

- › Green Star assessments and certification
- › NABERS

Passive design

Energy and water studies and optimisation

Renewable energy

Energy and water audits

We use **first principles** to ensure the project is optimised for the site and building characteristics.



Dunlop Avenue,
5 Star Green Star
Certified



The Albertine,
Melbourne



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