RIDGWAY PROJECTS

DESIGN. COORDINATE. DELIVER.

CIVIL I STRUCTURAL I MECHANICAL I PROJECT MANAGEMENT



CAPABILITY STATEMENT

RIDGWAY PROJECTS

WHO WE ARE

MORE THAN DESIGN

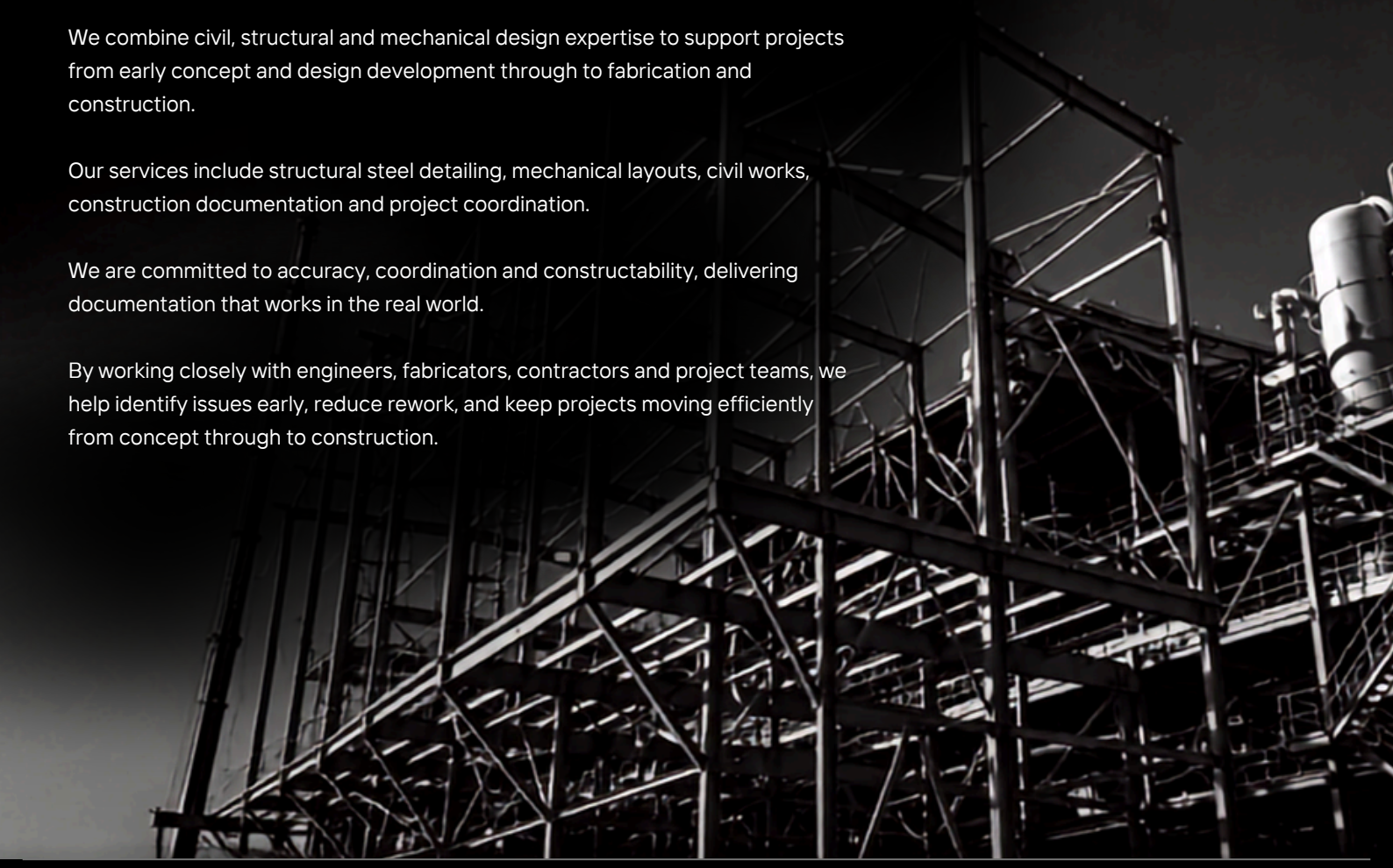
Ridgway Projects is a Brisbane-based design drafting and project delivery consultancy, providing practical, accurate and buildable solutions across Australia's industrial, mining, marine, commercial and residential sectors.

We combine civil, structural and mechanical design expertise to support projects from early concept and design development through to fabrication and construction.

Our services include structural steel detailing, mechanical layouts, civil works, construction documentation and project coordination.

We are committed to accuracy, coordination and constructability, delivering documentation that works in the real world.

By working closely with engineers, fabricators, contractors and project teams, we help identify issues early, reduce rework, and keep projects moving efficiently from concept through to construction.



40+
YEARS COMBINED INDUSTRY EXPERIENCE

100+
SUCCESSFUL PROJECTS

MULTI-DISCIPLINARY
CIVIL | STRUCTURAL | MECHANICAL

RIDGWAY PROJECTS

CAPABILITY



ALL INDUSTRIES.
BUILT FOR DELIVERY.

Delivering civil, structural and mechanical projects across industrial, commercial and residential sectors, with specialist experience in ports and marine, mining and industrial and process facilities.

CIVIL

- Site layouts
- Earthworks & site grading
- Stormwater & drainage
- Roads, accessways & hardstands
- Foundations
- Infrastructure upgrades

MECHANICAL

- Process plant upgrades
- Mechanical equipment layout
- Piping & ducting systems
- Conveyors & material handling
- Chutes, hoppers & transfer systems
- Pressure vessels
- Equipment replacement & upgrades
- Gas drainage systems
- Plant modifications & brownfield projects
- Isometric & orthographic drawings

STRUCTURAL

- Retaining walls
- Structural steel buildings
- Sheds & warehouses
- Platforms, hatches & walkways
- Equipment support structures
- Access stairs & ladders
- Structural modifications
- Scaffolding & temporary works
- Concrete slabs, footings & reinforcement detailing

DIGITAL/ TECHNICAL

- Point cloud to 3D model conversion
- Clash detection & coordination
- Existing facility / brownfield modelling
- As-built 3D models
- Design visualisation concept models
- Multi-disciplinary model coordination

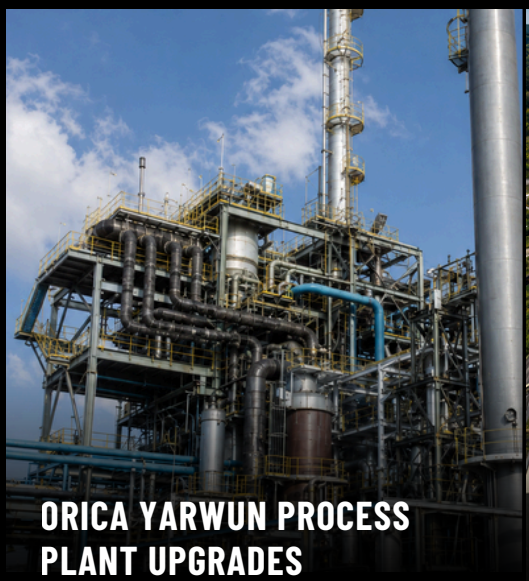
ENGINEERING DESIGN SUPPORT

- Concept design development
- RPEQ certification & sign-off coordination
- Engineering design assistance
- Design drafting
- Engineering & fabrication drawing packages
- Multi-disciplinary design coordination
- As-built documentation
- Tender & construction documentation

PROJECT MANAGEMENT

- Project / design management
- Engineering coordination
- Construction support
- External consultant coordination
- Town planning & certification coordination
- Surveying & site investigation coordination
- Fabricator & contractor coordination
- Specialist subcontractor engagement
- Procurement & delivery coordination

PROJECT EXPERIENCE



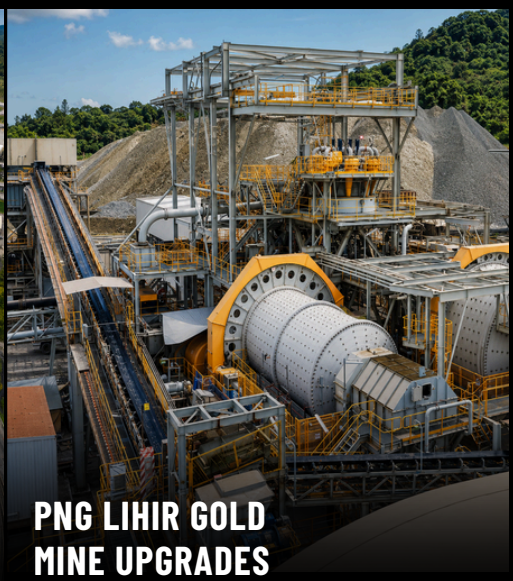
ORICA YARWUN PROCESS PLANT UPGRADES

Mechanical and structural design drafting for process plant modifications, upgrades and as-built documentation. Development of equipment, piping, support structures, access walkways and structural arrangements together with associated design documentation.



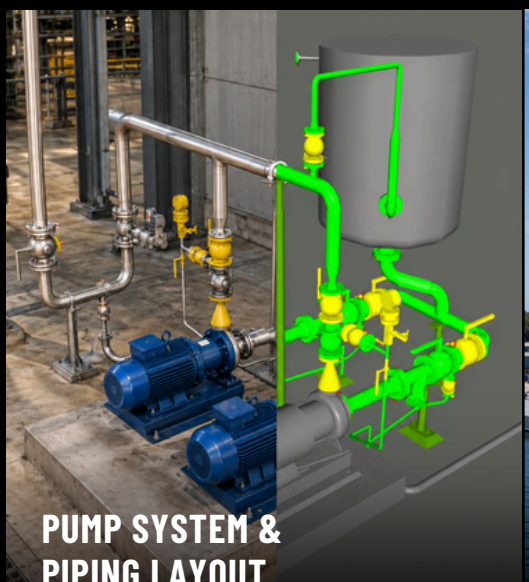
CALLIDE COALFIELDS

Reinforced concrete and structural steelwork for conveyor gantries, transfer and takeup towers, rejects bin, crushing and screening building, water and air services piping and standard piping drawings.



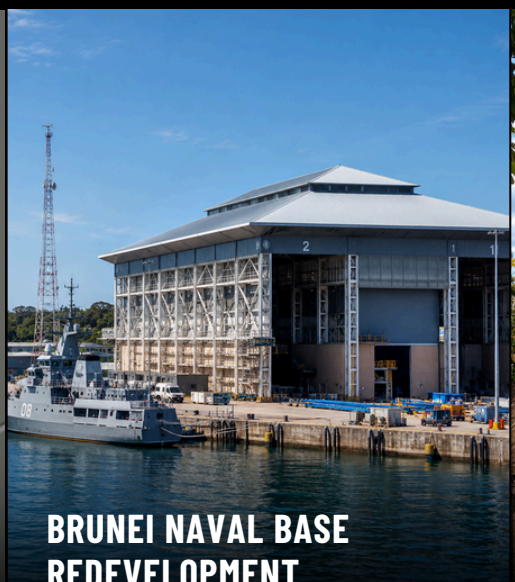
PNG LIHIR GOLD MINE UPGRADES

Reinforced concrete and structural steelwork general arrangements for trommel extension, cyclone pump area and crushing station. Crushing station chute layouts and detailing of conveyor head and tail support steelwork. Conveyor tail end mechanical arrangements.



PUMP SYSTEM & PIPING LAYOUT

Mechanical equipment and piping layout development, including pumps, vessels, valves, existing infrastructure, proposed concrete slabs and steel pipe supports. Preparation and coordination of 3D models and multi-disciplinary design documentation.



BRUNEI NAVAL BASE REDEVELOPMENT

Design drafting for three hectares of concrete deck on steel piles. This deck provided 300m of quayline for berthing of offshore patrol vessels. Detailing of reinforced concrete, expansion joints, waterproof services, sheetpile walls and dredging works was completed.



CIVIL & RETAINING WALL WORKS

Civil design drafting, project management and documentation for retaining walls and associated site works, including site layouts, levels, earthworks and construction detailing. Projects managed through to building approval, coordinating with surveyors, town planners, geotechnical consultants, engineers, certifiers and other specialist consultants.

INDUSTRY EXPERIENCE

- MINING & RESOURCES
- INDUSTRIAL
- PROCESS & MANUFACTURING FACILITIES
- PORTS & MARINE
- ENERGY & UTILITIES
- OIL & GAS
- COMMERCIAL & DEVELOPMENT
- RESIDENTIAL



OUR DIFFERENCE

BETTER PROJECTS BEGIN WITH BROADER EXPERIENCE

Design challenges rarely exist within a single discipline.

Ridgway Projects brings together professionals with extensive experience across civil, structural and mechanical backgrounds, allowing us to understand the interaction between engineering systems and deliver coordinated solutions that support every stage of project delivery.

Our diverse industry background provides practical insight that extends beyond drafting, helping clients improve constructability, reduce rework and achieve better project outcomes.

ACCURACY FIRST

We prioritise precision and attention to detail to ensure drawings are reliable, compliant, and construction-ready.

PRACTICAL DESIGN

Our drawings are designed and developed with fabrication, installation, and real site conditions in mind.

CLEAR COMMUNICATION

We pride ourselves on quick and responsive communication, clear explanations, and consistent updates throughout each project.

ACCOUNTABILITY & RELIABILITY

We stand by our work and support projects through delivery, addressing issues efficiently if they were to arise.

SOFTWARE

- AutoCAD
- Civil3D
- Plant3D
- Inventor
- Revit
- Advance Steel
- Navisworks
- ReCap
- ScaffPlan

RIDGWAY PROJECTS

LET'S BUILD BETTER PROJECTS.

GET IN TOUCH

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ridgwayprojects.com.au

Brisbane, Queensland
Australia-wide project support

SCAN TO VISIT
OUR WEBSITE

