

CIVIL

WATER

STRUCTURAL

INFRASTRUCTURE

PROJECT DELIVERY

URBAN DEVELOPMENT



YEATS
CONSULTING ENGINEERS

STRUCTURAL





Yeats Consulting provides Structural Engineering consultancy services in the following sectors:

- **Commercial**
 - Office Buildings
 - Retail
- **Residential**
 - High, Medium & Low-rise Apartments
 - Hotels
 - Townhouses
 - Retirement Villages
 - Houses
- **Institutional**
 - Hospitals
 - Health Centres
 - Schools
 - Aged Care Facilities
- **Industrial**
 - Process & Industrial Buildings
- **Leisure**
 - Resorts
 - Cinemas
 - Clubs
- **Aviation**
 - Airport Structures (such as Terminal Buildings, Air Traffic Control Towers & Hangers)
- **Other**
 - Due Diligence Reporting

Yeats Consulting is a people practice. We believe our diverse skills base, expertise, lively and enthusiastic personalities, intellectual and business acumen, enquiring minds and creative flair maintain our innovative edge.

Yeats Consulting aims to produce high quality engineering design in concept, in detail and in execution, on time, to program and delivering excellent value for money.

Our culture and ethos is based on the principles of care, value and integrity to build and maintain a partnership with our clients.

Our engineering approach is holistic, working closely with the various disciplines involved in a project team. Our reputation for excellence has grown from the basis that engineering is always viewed as one important component of a project's overall design solution.

We strive for innovation. Our appreciation of a client's social, political and economic issues and of architectural and aesthetic qualities makes Yeats Consulting an ideal partner, assisting our range of clients to shape great solutions.

We understand the need to be adaptable and willing to change, in response to our own growth and to the changing needs of time and the industry. We continually investigate new methods of construction, new materials and new thinking to deliver practical solutions appropriate for the times and the project.

Our engineering expertise draws upon the experience of our staff to create design solutions that range in scope: from road schemes, subdivisions, environmental solutions, bridges, schools, and offices, to hotels, hospitals and aged care facilities, multi storey residential to light industrial complexes.

STRUCTURAL ENGINEERING

Every building project involves a complex synergy of inspiration, creativity, analysis, teamwork and technical know-how. Our structural engineers work closely with architects and clients as well as other specialists to deliver exciting yet functional buildings that exceed expectations for cost-effective construction and operation.

Using sophisticated tools to test buildability and performance criteria, we advise on all aspects of the project – including construction materials and methods, risks and sustainability – to give our clients complete confidence that the final design is sound and offers best value. Our integrated approach ensures that each solution is tailored to the specific needs of the project.

VALUE ADDING & VALUE ENGINEERING

We understand and appreciate that the final solution is a result of an iterative design process involving the whole project team. To get to the final solution one must explore and refine various solutions to establish the best solution to meet the client's expectations and requirements.

At concept design stage, we review and sketch a number of options and solutions. These are then reviewed in collaboration with the client and the remaining design team. Once a preferred solution is identified the design is then progressed. In developing the solutions we are aware of the sensitivity of floor slab deflections, movements of the structure or even extents of cracks forming during the natural movement of the structure. Our design approach always addresses these issues positively from the start of the project until completion of construction.

Throughout the design process, regular design workshops and reviews both internal and external are carried out to ensure the design stays focused and on track. If required, regular progress or milestone reports are issued to the key disciplines and client to ensure positive communication channels.

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