

# Structural Design



## Prorox Build.

*Build On Trust!*

**T: 1300 634 114**



**[Proroxbuild.com.au](http://Proroxbuild.com.au)**



Looking for reliable and cost-efficient engineering services for your construction project? Look no further than our professional team of experienced engineers. We offer a wide range of engineering services that cover all sectors in residential, commercial, and industrial buildings. Our engineers work closely with external design firms to utilise the newest concepts in analysing and designing projects with a high level of attention to detail, tailored to actual environmental and architectural requirements.

Our cost control strategies are specifically designed to optimize designs in the residential and commercial sectors, while collaborating closely with architects to maintain structural integrity. We specialize in the design of timber, concrete, steel, and masonry structures, and our thorough knowledge of Australian Design Standards ensures that we provide the safest, strongest, and most cost-effective solutions for your project.

With our engineering expertise, you can be confident that your project will be completed on time, within budget, and to the highest standards of quality. Contact us today to learn more about our services and how we can assist you with your next construction project.

## OUR SERVICES

With our expertise in engineering, we specialize in analyzing and designing a wide variety of structures to provide you with innovative designs and superior support for all your projects, while also ensuring prompt and cost-effective solutions. Our design services in the residential sector encompass a broad range of possibilities, not limited to:

- Single Storey Homes
- Double Storey Homes
- Multi-unit Development
- Townhouse & Villa
- Beach & Holiday Homes
- Alterations & Additions to Existing Dwelling
- Piles, Screw Piles & Board Piers
- Slabs & Footing
- Retaining Walls
- Deck & Pergola

### In commercial & industrial sectors we offer:

- Multi-level Office & Shops
- Extension & Refurbishment
- Apartment with Commercial Amenities
- Aged Care, Childcare & Medical Centre
- Multi-level Parking
- Portal Warehouse
- Pre-cast Concrete & Tilt-up Panels
- Mezzanine Structure, Shelter & Shed

We Also provide design for civil projects as follows:

- Stormwater Drainage
- Basement Drainage
- Detention System (OSD)
- Soaker System & Outfall Drains
- Site Layout & Level Design

### Other Services:

- Peer Review (Value Engineering)
- Independent Engineering Certificate
- Finite Element Analysis (FEA)

## OUR CORE VALUES

- **REGISTERED & QUALIFIED** ... We are registered & qualified structural engineers certified by national and local institutions in Australia.
- **EDUCATED & EXPERIENCED** ... We have engineering background with over 20 years of experience in design & construction management.
- **FULLY INSURED** ... We are fully insured by Professional Indemnity and Public Liability insurances in our all services.
- **COMPETITIVE PRICING** ... Our fees are among the most competitive in the area while our professionalism and expertise is second to none.

*From initial planning and design to construction and beyond, our experts are dedicated to providing exceptional service and top-quality results. Trust us to help you build with confidence and achieve success. Contact us today to learn more.*

