



STRUCTURAL DESIGN

STRUCTURAL SERVICES

Specialists in structural engineering, with extensive experience in both residential and commercial projects. STA provide comprehensive structural design services for a wide range of projects and structures utilising a variety of construction materials.

Our experienced engineering team offers a high level of service and detailed engineering documentation that can be tailored to meet your project needs. We work in many industry sectors with a variety of clients including architects, developers, builders and manufacturers.

Industry Sectors

RESIDENTIAL (HOUSING & MULTI-RES)
COMMERCIAL AND RETAIL
INDUSTRIAL
EDUCATION
HEALTH
MODULAR CONSTRUCTION

Structural Materials

TIMBER
STRUCTURAL STEEL AND ALUMINIUM
PRE CAST TILT UP CONSTRUCTION
LIGHT GAUGE STEEL FRAMING
RC AND PT CONCRETE
MASONRY

Residential & Domestic

STA provide structural design services for residential projects of all sizes, whether standalone housing or large scale townhouse developments. Typical scope includes full structural designs, framing, bracing; or alterations such as decks, extensions and pool designs. We also offer design services for multi-res projects with experience up to ten stories in both RC and PT concrete.

Commercial, Retail & Industrial

For commercial projects, we work across a range of projects including offices, service stations, fast food restaurants, shopping centres, panel tanks and warehousing. All structural engineering requirements are provided.

Modular & Light Gauged Steel Construction

STA has been an industry leader in terms of light gauged steel framing in QLD for years. This experience allows us to provide a solution to a builder integrating structural and light gauge steel or we can provide design and review services for frame manufacturers. Teamed with our modular construction experience in mining, education, health and retirement living we could offer an alternative to traditional construction methods on your next project.

Health & Education

STA has vast experience in health and education projects across both modular and in situ construction. We are experienced with government projects and understand the specific requirements that apply to such critical projects. Our experience in light gauged steel and modular construction gives us the ability to provide a fully integrated design for our clients.



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