

SERVICE SHEET

STRUCTURAL ENGINEERING

BUILDING



Fyfe's structural engineering services extend across all market sectors - civil infrastructure, oil and gas, mining and the building industry (e.g. commercial, residential, industrial, institutional) - for government, local government and private sector clients.



STRUCTURAL ENGINEERING BUILDING

Fyfe provides consultation, design and documentation for projects of various sizes in residential, commercial, industrial and institutional markets. Our services cover residential buildings, offices, schools, universities, shopping centres, manufacturing buildings, food processing facilities, warehouses, marina structures, and more. We offer expertise in developing new products, and can coordinate and supervise product testing.

Our consultation, design and documentation services for the residential market range from carports, verandahs, garages, additions, to single storey and multi-storey residences and townhouses, and high density residential buildings. No project is too large or small.

With client satisfaction in mind, we aim to provide an economically feasible result, on time.

Our design services for developments in both non-cyclonic and cyclonic regions include:

- design and documentation of footings including geotechnical/soil investigations
- design and documentation of slabs on ground
- design and documentation of suspended slabs
- design of timber, steel (hot rolled and cold formed) and aluminum structures

- design of concrete structures including precast and in situ
- design and documentation of retaining walls, including masonry, concrete, sleeper and gravity
- product testing and development
- inspection and reports on damaged structures
- certification of structures
- analysis of existing structures
- advice and expert witness reports relating to building disputes
- software design
- design and documentation of pools
- provision of timber framing plans
- bushfire assessments.

