



**STRUCTURAL ENGINEERING  
GEOTECHNICAL ENGINEERING  
STORMWATER DRAINAGE  
LAND SURVEYING  
STRUCTURAL INSPECTIONS  
ENERGY ASSESSMENTS**



# **CAPABILITY STATEMENT**

## **NEW SOUTH WALES**

*Project: Serenity Apartments, Arncliffe NSW*

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## Contact Our Team

Whether you would like to make an enquiry or want to learn more about our services, contact a member of our team today.

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## What Sets Us Apart

Backed by over 40 years of company experience and with over 450 team members Australia wide, we offer clients a comprehensive range of professional services, for all types of projects.

From our establishment in Perth, Structerre has expanded to become a truly national company providing value adding engineering services across a range of disciplines. It is ultimately our experience, people and service level that continue to be behind our company's growth.

Our highly trained professionals work closely with our clients and their chosen consultants and contractors to provide sound and cost effective solutions. Our clients include exclusive builders, home owners, contractors and developers, property managers, architects, government bodies and construction and resource companies.

The strength of our business lies in our people. Their skills, dedication, and ability to provide reliable and cost effective advice is the benchmark our business is built upon.

# NATIONAL FACT SHEET

EST.  
1980

Established in 1980 by Gervase Purich, Strutterre Consulting is a company built on the foundations of cost effective, sustainable and innovative engineering solutions.

## CLIENT FOCUSED

We provide a client focused approach and make understanding your business our business.

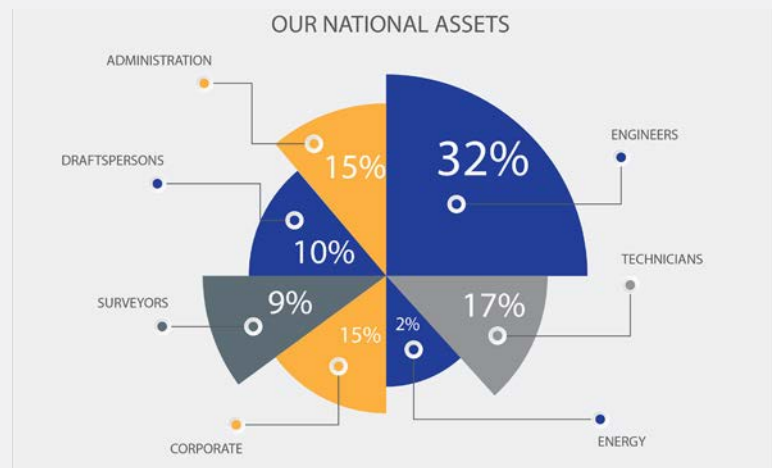
## RESEARCH & *innovation*



Our on-going investment in research and innovation has led to the creation of an exclusive service range advancing building techniques.

OVER  
**450**  
STAFF NATIONWIDE

We believe that by supporting our team they in turn provide a high level of on-going support to our clients. With over 450 staff nationwide, we provide our clients with a wide range of capabilities and exemplary service.



At Strutterre, our people are our greatest asset. We invest in creating a working culture that nurtures development and awards both professional and personal achievement.

With a number of specialist divisions, Strutterre is able to offer a multi-disciplinary service and has a client base that spans from major project builders through to commercial developers. Our fully coordinated service means we can provide clients with all they need in one company.

GEOTECHNICAL  
STRUCTURAL  
CIVIL DRAINAGE  
MODULAR DESIGN  
INSPECTIONS  
ENERGY ASSESSMENT  
LAND SURVEYING



## Commitment To Our Clients

Our professionals have a wealth of collective knowledge and experience, providing clients with a broad range of engineering services tailored for the New South Wales market. We positively contribute back to our clients' bottom line by supplying sustainable, innovative and cost effective engineering services. Whether you are looking at a **Residential, Industrial or Land Development**, we have the expertise and skills to make it a success.

Since our establishment in 1980, Structerre has worked for a wide variety of clients including exclusive builders, home owners, some of Australia's foremost contractors and developers, and Local, State and Federal Government bodies.

We have successfully completed a broad range of projects ranging from everything to do with residential properties, townhouses and aged care facilities, through to multi-level commercial, residential and industrial projects. Whatever your project, we are here to help.

## The Way We Work

We understand that each one of our clients has different needs, which is why we pride ourselves on building good relationships to ensure their needs are met. We believe in providing on-going support and encourage our employees to go the extra mile, which is what makes us stand out.

Quality reviews of our work are undertaken regularly to ensure that as a company, we are meeting our clients' requirements. Whilst all projects are reviewed before completion, selected projects are also reviewed after completion to maximise our knowledge and efficiency.

It is part of our commitment to provide a safe working environment for all staff in the office, and on site. Structerre is committed to Safety in Design, referring to the integration of hazard identification and risk assessment methods early in the design process to eliminate the risks of injury in construction.





## Our Disciplines

We provide a range of engineering and surveying services that complement each other to provide our clients with a one-stop-shop for all their engineering requirements. Our disciplines include structural and geotechnical engineering, civil drainage, forensic inspections, land and building surveying.

### Structural

Our structural team has extensive experience in providing review and certification, detailed design and documentation for typical and customised residential and commercial structures, new residential dwellings, residential extensions, medium density developments, multi-level mixed use developments, commercial and industrial buildings and developments.

We specialise in the design and detailing of all facets of structural engineering, including cold formed steel structures, reinforced concrete, timber, aluminium and alternative materials, waffle pod and stiffened raft slabs, structural steel, post and pre-tension concrete, and material structures.

Our abilities include, but are not limited to:

- Footings, foundations & slabs on ground
- Piling details
- Roof beams
- Liquid retaining structures
- Storm water drainage
- Specialised footings & retaining walls
- Outbuildings, including patios, gazebos & garages
- Electrical, nuclear & wind generation structures
- Retaining walls
- Swimming pools
- Structural condition evaluation, reporting & remediation design documentation.
- General, industrial & retail structures
- Roof structures & bracing systems
- Suspended concrete, timber & steel framed floors
- Tilt up & precast construction
- Methodologies design & construction procedures

## Geotechnical

Our geotechnical team conducts field investigations and testing, laboratory testing of soil material and other exploratory work for residential, commercial, land development, and industrial developments. Our in-house, material testing laboratory allows us to provide a punctual and reliable service whilst delivering accurate results at all times.

Our services include the following:

- Compaction testing
- Compaction control testing in accordance with Australian Standards
- Site classifications (including wind classification)
- Site investigation & assessments, in-situ testing & sampling
- Soils engineering laboratory testing & analysis
- Geotechnical & forensic investigations for cracked buildings
- Geotechnical observation of excavations during earthworks construction

## Stormwater Drainage

Our civil engineers are specialised in the design of efficient and cost-effective stormwater drainage systems for housing, commercial and industrial premises and multi-unit developments. We can also incorporate water-sensitive urban design methods to provide a system that will comply with an ever increasing demand for effective flood protection, pollution control and stormwater harvesting in line with the principles of integrated water cycle management.

Our services include the following:

- Stormwater drainage systems tailored to site and Council requirements; gravity drainage, charged line and pumpout systems
- Analysis of existing and proposed drainage pipe networks using DRAINS modelling
- On-Site Detention (OSD) systems to control rate of runoff where required
- Driveway grading to AS 2890.1
- Water quality systems, bioretention and raingardens
- Rainwater harvesting and re-use systems
- Absorption and dispersion systems
- Erosion and sediment control plans
- Flood risk management reports
- Works-as-executed inspection and certification

## Structural Inspections

Our inspections team can assist with compliance inspections and provide construction and other related advice. Our experienced team is trained to deal with a high volume of work with a quick response time, giving our clients a prompt service coupled with practical solutions.

Our services include the following:

- Footing, foundation, slab & frame certification
- Retaining wall certification
- Dilapidation reports
- Construction problem solving, including remedial solutions
- Forensic investigation
- Defect inspection & reports
- Unauthorised structure assessments & certification
- Certification of prepared steel layout of suspended slabs
- Compliance inspections
- Structural Pre-purchase inspection
- Building assessments

## Land Surveying (Registered Surveyors)

Our skilled and highly experienced surveyors provide the highest level of accuracy and skill to provide the best solutions for our clients. We use the latest computer technology and survey equipment to ensure Structerre is at the cutting edge of surveying

Our services include the following:

- Set out of proposed buildings for construction
- Identification surveys for construction & conveyances
- As built & works as executed surveys
- Volume surveys for excavation & filling
- Flood surveys, level/AHD surveys
- Boundary establishment
- Creation of easements & titling advice
- Strata & torrens title subdivisions
- PCA surveys for net lettable area (NLA) & other lease area surveys
- GIS Property Portfolios



## Project Profiles



Project: Quakers Hill Nursing Home - Quakers Hill  
Services: Structural, Civil & Stormwater Design  
Client: Zadro Constructions

**HEALTH & AGED-CARE**



Project: Queen Victoria Memorial Home - Thirlmere  
Services: Structural, Civil & Stormwater Design  
Client: Zadro Constructions

**HEALTH & AGED-CARE**

## Project Profiles



**Project:** 4 storey dwelling - Vaucluse  
**Services:** Structural Inspections & Certifications

**RESIDENTIAL**



**Project:** 3 storey dwelling - Putney  
**Services:** Structural Design of Concrete Footings, Structural Steel, Suspended Slabs & Roof Design

**RESIDENTIAL**



**Project:** Double storey dwelling - Luddenham  
**Services:** Footings, Slabs, Structural Steel & Inspections

**RESIDENTIAL**

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