



CAPABILITY STATEMENT

ENGINEERING
PLANNING
SURVEYING
CERTIFICATION



BARKER
RYAN
STEWART



Barker Ryan Stewart offers our clients total project solutions by being involved in the infrastructure and property development process each step of the way from the project conception, right through to the project delivery.

Our team of skilled professionals have years of experience servicing private developers, publicly listed companies, consultants, builders and federal, state and local government.

We specialise in providing the core services of town planning, civil engineering, traffic engineering and transport planning, road safety audits, surveying, strata and subdivision certification and RMS project verification to the infrastructure and property development industry.

With offices in Sydney, Central Coast, the Hunter and in South East Queensland our fast growing, multi-award winning firm has collectively worked on over 3,000 projects with a construction value of over \$6 billion.

Our client focus has resulted in numerous awards including the BRW Client Choice Award 2013 for best NSW Firm and BRW Fast Starters for 2011, 2012 and 2013.

Our continued growth has also resulted in Barker Ryan Stewart becoming a leader in private subdivision certification in NSW.

Our friendly professional staff are happy to discuss your infrastructure and development needs with you to find the most appropriate solutions for your projects.

For additional information about how Barker Ryan Stewart can assist with your infrastructure or development projects, please visit our website at www.brs.com.au.



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INFRASTRUCTURE & CIVIL ENGINEERING

Our experienced team of civil engineering consultants understand the client's need for professional services provided in a timely and efficient manner. Working closely with the client and consultant team, we offer reliable design solutions at any stage of the project, whether it be for development consent, construction certificate or during construction. Our range of services include:

Infrastructure & Government Engineering Services

- RMS infrastructure design and construction supervision.
- Local government infrastructure design services, construction supervision, contract management and bridge design.
- Development engineering services including construction certification assessments, construction supervision and engineering referrals.
- Creation of local government engineering design and construction stormwater design guidelines, specifications, development control plans and policies.

Subdivisions

- Subdivision road and drainage design
- Construction management and supervision
- Bulk earthworks and retaining walls
- Construction management plans
- Construction auditing – compliance with RMS and Council's work specifications
- Infrastructure Dilapidation Reports

Bottom: Church Street, Meadowbank



Stormwater & Flooding

- Stormwater drainage design (including OSD and WSUD)
- Flood studies
- Stormwater management reports and investigations
- Trunk drainage designs
- Stormwater management plans
- Flood evacuation plans
- Flood impact assessments

Water & Waste Water

- Water and sewer distribution
- On-site effluent disposal assessment and management plans
- Grey water management plans
- Waste water treatment analysis and design
- Water and waste water servicing strategies
- Sewer design

Sustainability

- Water balance reports
- Water sensitive urban design
- Water quality management plans (NORBE assessment and MUSIC modelling)
- Wetlands design and rehabilitation
- Waste management plans
- Site remediation and rehabilitation
- Soil erosion and sediment control design and management
- Riverbank stabilisation and rehabilitation

Bottom Left: First Estate, Erskine Park
Bottom Right: Barry Road, Kellyville



PLANNING

Barker Ryan Stewart has a proven track record of obtaining project approval for their clients. Our experienced team of planners can advise on project feasibility whether the intention is to purchase, develop, subdivide or rezone.

In the public sector, our team has worked closely with government bodies to prepare development control plans, local environment plans and master plans, guiding development and planning decisions made by councils and authorities.

Our range of services include:

- Development applications
- Rezoning applications
- Expert witness in the Land and Environment Court
- Due diligence reports
- Statement of Environmental Effects
- Crime prevention reports (CPTED)
- Waste Management Plans
- Heritage Impact Assessments
- Review of Environmental Factors
- Environmental Impact Statements
- Development Assessment

Left: Barangaroo Headland Park Integration Works

Top Right: ATO, Gosford

Bottom Right: Affordable Housing, Broadway



TRAFFIC ENGINEERING & TRANSPORT PLANNING

Barker Ryan Stewart has extensive experience in traffic and parking impact assessments, road safety auditing and transport planning services.

Traffic and Parking Impact Assessments & Transport Planning

Our traffic and parking impact assessments consistently result in project approvals from consent authorities. We provide workable solutions to ensure that an appropriate balance is struck between meeting RMS /Council guidelines and providing desirable outcomes for our clients.

Our services include:

- Traffic and Parking Impact Assessments
- Transport Planning for Local Government
- Green Travel Plans
- Swept Path Analysis
- SIDRA intersection modelling
- Traffic and pedestrian counts
- Traffic Management Plans
- Car parking strategies, studies, surveys and AS compliance assessments
- Loading dock/waste collection management plans
- Construction Traffic Management Plans (including Traffic Control Plans)

Road Safety Auditing

Our road safety audits have assisted RMS, local government, and property developers in improving road safety outcomes for projects including main roads, rail level crossings, infrastructure, subdivisions, commercial and residential developments.

Conducting a road safety audit is extremely beneficial as it ensures that the current safety and accessibility standards are incorporated during the conceptual and design stages for all new road infrastructure. This will assist in reducing the possibility of accidents both during and post construction, ensuring vehicle drivers and pedestrian accessibility and safety, and minimising the potential of legal



SURVEYING

Our surveying team can provide detail, cadastral and construction survey for any development, including multi-staged subdivisions, strata and community title subdivisions.

Barker Ryan Stewart can offer advice and assistance with complex titling issues, easements and preparation of draft 88B instruments and bylaws.

Our survey team has extensive experience in the provision of the following services:

- Pre-development advice on survey requirements
- Detail and contour surveys
- Digital terrain modelling
- Property boundary surveys
- All land and building subdivisions
- Subdivision plans and 88B instruments
- Strata plans
- Strata title surveys
- Community title surveys
- Stratum surveys
- ePlan lodgement with the Land Titles Office
- GNSS (GPS) surveys
- Construction and engineering surveys
- Strata Certificates
- GIS survey and management
- Remotely piloted aerial survey



Left: Pictons Lane, Hebdon
Right: Victoria Road, Ermington

SUBDIVISION & STRATA CERTIFICATION

Our subdivision and strata certification services can significantly reduce your project and holding costs compared to using council. We do this by providing faster turnaround times and ensuring a more consistent assessment process.

We can assist you with the following services:

- Strata Subdivision Certificates
- Principal Certifying Authority (subdivisions) and Subdivision Certificates for Part 3A Major Projects and State Significant Developments
- Subdivision Works Certificates for the approval of design plans (formerly Construction Certificates)
- Compliance Certificates for subdivision works (approval of works)
- Compliance Certificates for civil engineering design and works components of development projects
- Complying Development Certificates (CDC) for developments identified in Council Development Control Plans (DCPs)
- Complying Development Certificate (CDC) for Code SEPP (Low Rise Medium Density), Strata Certificates and Torrens Title Subdivision Certificates.



Top Left: Huntlee Residential Development
Bottom Left: First Estate, Erskine Park
Right: Catherine Hill Bay Residential Development

RMS PROJECT VERIFICATION

Barker Ryan Stewart specialises in the provision of RMS project verification services to a variety of private developers, publicly listed developers and local government.

We have experience in RMS project verification on a broad range of projects throughout NSW. We have an excellent track record and good working relationships with RMS officers.

Our RMS project verification services include the provision of all the following requirements associated with RMS Work Authorisation Deeds (WADs):

- Design verification
- Project plan certificates
- Verification and monitoring plans
- Construction works verification
- Monthly progress reports and construction certificates
- Site inspections
- Construction completion certificates
- Final verification certificates



Left: Bungaribee Industrial Estate, Blacktown
Top Right: Lake Macquarie Transport Interchange
Bottom Right: Oakdale South, Eastern Creek