

Stephen Brain

Technical Director

BE (Civil) Hons + CPEng

Experience

2007 – Current

Technical Director, TTW

1999 – 2006

Associate Director, TTW

1993 – 1999

Snr Civil Engineer, TTW

1990 – 1993

Engineer, Gutteridge Haskins and Davey
Pty Ltd



Stephen Brain joined TTW in 1993 as a Senior Civil Engineer and has since been promoted through the leadership ranks to his current appointment as Technical Director in 2007.

Stephen co-runs the NSW civil engineering department and has spearheaded its reputation through his dedication to pragmatic engineering and open relationships with clients.

He adopts this approach irrespective of project sector and has consequently developed a folio of experience in commercial developments, industrial projects, public works projects, car parks and residential projects. His specialisation in master planning has been invaluable to TTW's success and has led to many successful projects such as the Emirates Resort in Wolgan Valley, the Royal North Shore Hospital, Macquarie University, Royal Randwick Racecourse and Macquarie Park Cemetery.

Relevant Project Experience

Coffs Harbour University
CSU Wagga NaLSH
CSU Wagga Masterplan
RNSH Masterplan
Cobham Juvenile Justice Centre – Civil design
Leichardt Bus Dept.
Reiby Juvenile Justice Centre – Civil design
Macquarie Park Cemetery – Civil Design
Cobham Juvenile Justice Centre – Civil design
Royal Randwick Racecourse
Redevelopment
Bankstown CBD Streetscape
Coffs Harbour Hospital
Campbelltown Hospital
Maitland Hospital Redevelopment
Calvary Hospital Redevelopment
Transportation Study – Westmead Hospital Master Plan

Sydney Airport Ground Access Study and Road Link
Wagga Wagga Transportation and Traffic Study
North Sydney CBD Access Study – transport modelling and traffic policy report
Redfern Traffic Management Scheme – traffic study for City of Sydney
Ryde Traffic Management Study – traffic study for Ryde Council
St Vincents Research and Biotechnology Precinct
John Hunter Hospital ACCESS Building and Multideck Carpark
St Vincents Research and Biotechnology Precinct
Woollahra Parking Studies
Canada Bay Residential Parking Scheme
Balfour Park – new access road and stormwater system



About Us

As award-winning consulting engineers, we've partnered for over 60 years with architects, developers, builders and project managers to tackle the most complex projects and engineer their vision.

A privately-owned Australian company, our strong reputation exists due to our proven ability to produce innovative, economical and elegant designs in the public and private sector. We offer the benefits of scale with respective disciplines successfully delivering significant projects through structural, civil, traffic and façade engineering services.

Focusing foremost on the client's goal, our design approach is customised for every project. Our solutions are enhanced by our dedicated and integrated teams' approach and the use of advanced engineering techniques for modern materials.

ONE TTW is our ethos, which encapsulates all the experienced, smart and creative people that make us who we are. We value; integrity, teamwork, innovation, communication, sustainability and our community

"The TTW Way is our commitment to building long-term relationships by providing the highest level of design and service. Our collaborative and hands on approach brings our clients back time and again." Rob MacKellar, Managing Director.

Façade

Our Façade team excels at delivering award-winning, robust, light-weight façades that bring to life the public face of a building.

The team employs advanced technology and works with high-performance materials to maximise environmental sustainability, increase longevity, and lower maintenance costs. Working on a vast array of building types and climate zones both in Australia and the world, we bring creativity and expertise to every project.

Structural

TTW structures is where our company started 60 years ago. Our founding partner Dick Taylor began the tradition in 1958 of working closely with architects, project managers and builders to deliver the best structural designs for the built environment.

Added Value

Our structural team is the largest in NSW and to date we have 140 structural engineers across our 4 locations. The team's ability to deliver award winning designs is under pinned by the hands-on service approach lead by our 6 Directors. Assigned to every project we take on, together our Directors combined structural design experience covers 160+ years. We ensure clients and project teams can always have direct access to our most senior engineers, on all projects.

Traffic

Our traffic engineers have an excellent track record in providing engineering studies and investigations for hospitals, educational facilities, public institutions, shopping centres, residential developments, town centres, transport hubs, and industrial sites.

Having 20+ years of established partnerships with public and private institutions, they deliver an integrated suite of traffic and transport engineering services; audits, planning and management, modelling, transport infrastructure and transport economics.

Civil

Our Civil engineers have 30+ years of established relationships and are dedicated to our client's mission. The team provide successful solutions in master planning, roads, storm water drainage, urban landscape and land development. Our support ranges from concept stage to planning, design and construction – with ongoing management and advice for the operating life of a project.

+ Expertise in: Advanced Tech, Heritage, Construction Engineering & Physical Security.