



# ADAM SEGRAVE

SENIOR STRUCTURAL ENGINEER 



## EDUCATION & QUALIFICATIONS

- Bachelor of Engineering Civil (Hons)
- Registered Professional Engineer (QLD) RPEQ 21075
- Registered Professional Engineer of Professionals Australia RPEng

## VALUES

- Quality relationships
- Genuine and honest conversations
- Being adaptable
- Creative and innovative problem solving

## EXPERTISE

- Dealing with challenging site complications that may arise from latent conditions or fellow project team oversights immediately, while working collaboratively with the builder and client to ensure the best outcome for all parties.
- Managing multiple levels of stakeholders by using effective and appropriate methods of communication to make their lives easier.
- Providing & managing building performance solutions on complex sites (such as deep soft clay or reactive ground conditions), including the design of pile raft foundation systems and the modelling of complex site settlements under design loads.
- Maximising construction value through innovative structural design mainly in the commercial, retail and industrial markets.

## CAREER HISTORY

### SENIOR STRUCTURAL ENGINEER

*Tungsten Structures | November 2015 - Present*

### STRUCTURAL ENGINEER

*McVeigh Consultants | December 2012 - November 2015*

### GRADUATE STRUCTURAL ENGINEER

*SMEC | December 2011 - December 2012*



## KEY PROJECTS

### MIELE WAREHOUSE, BRISBANE AIRPORT - \$7M 7,065 SQM

Miele Australia's new headquarters with tailored warehouse, office and showroom facilities for their world leading premium domestic appliances. Structural features include a fibre reinforced slab on ground founded on 19m deep soft alluvium clays reinforced with over 1,000 controlled modulus column rigid inclusions. Tungsten's structural steelwork design was only 11.9kg/sqm.

### WOOLWORTHS STORE & SPECIALTIES, ASCOT - \$12M 7,000 SQM

New Woolworths shopping precinct with attached gym and medical facilities. The centre design made extensive use of expressed structural steel members throughout to achieve the desired architectural outcomes. This development featured a 200 kWh Solar panel system as a green initiative and tiled roof sections to match the character of the area.

### COLES STORE & SPECIALTIES, UPPER COOMERA CITY CENTRE - \$12M 8,000 SQM

New Coles flagship centre with associated liquor and specialty stores. The main store used tilt panel construction and featured polished concrete floors and exposed steel member throughout. BIM software was utilised by all disciplines to ensure complete coordination and integration of all services with the building structure.

### BUNNINGS STORE, LAWNTON - \$7.5M 6,600 SQM AND 8.8KG/SQM

New large format Bunnings store utilising tilt panel walls and steel framed roof structure. This store was developed on an existing Bunnings site and involved demolition of the much smaller existing store and replacement with the new larger structure to meet increased demand. This building was delivered with a structural steelwork design of 14.2 kg/sqm.

(Further information or more projects available upon request)

