



VINCE WILLIAMS

MANAGING DIRECTOR &
PRINCIPAL STRUCTURAL ENGINEER



EDUCATION & QUALIFICATIONS

- National Engineers Register NER 3177901
- Registered Professional Engineer (QLD) RPEQ 10145
- Registered Certifying Engineer (VIC) EC 45831
- Chartered Professional Engineer CPEng
- Member of Institute of Engineers Australia MIEAust
- Bachelor of Engineering Civil (Hons)
- Asia Pacific Economic Co-operation (APEC) Engineers Register
- International Professional Engineers Register IntPE (Aust)

VALUES

- Innovative business solutions
- Keeping promises
- Delivering a premium product
- Providing a point of difference

EXPERTISE

- Providing efficient structural design solutions for major industrial and retail projects totalling over one million square metres of floor area since 2005.
- Alternative solutions focused value engineering and peer reviews of projects to provide a point of difference for client project bids.
- Design of slabs and pavements on challenging sites including the presence of deep soft marine clays, highly reactive alluvium clays, deep uncontrolled fill and acid sulphate soils..
- Innovating successful processes for integrating the engineering design and shop detailing workflows to provide early delivery of structural steelwork to site.

CAREER HISTORY

MANAGING DIRECTOR & PRINCIPAL STRUCTURAL ENGINEER
Tungsten Structures | Jun 2015 - present

SENIOR ASSOCIATE STRUCTURAL ENGINEER
McVeigh Consultants | Jan 2005 - Jun 2015

STRUCTURAL ENGINEER
Foggo Associates (London, UK) | May 2008 - May 2009

KEY PROJECTS

HILTON FOODS MEAT PROCESSING PLANT, HEATHWOOD - \$93M 40,000 SQM

High bay cold storage warehouse fit out with state of the art robotics, self-driving material handling equipment and various conveyors to cut, pack and sort meat products for Woolworths stores around QLD and NSW. Features include a fibre reinforced slab on ground and 1,400t of structural steel across the portal framed structure and 15,000sqm of suspended composite floors.

TJM WAREHOUSE, BRENDALE - \$9M 12,000 SQM

The new industrial warehouse facility for distribution, onsite testing and dangerous goods storage is to become the new headquarters for TJM, one of Australia's leading manufacturer and distributor of 4x4 equipment. Tungsten was brought onto the project to bring some efficiency to the structural steelwork design. We identified 75 tonnes of structural steelwork value to our D&C client, and delivered a design of only 10.8kg/sqm.

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.

NATIONAL STORAGE, ROBIINA - \$13M 10,800 SQM

This 6 storey commercial building covers a building footprint of around 1,800sqm. The structure consists of 180 minute fire rated reinforced concrete flat plate suspended slabs, concrete columns, moderately ductile concrete precast stair and lift core and non-ductile concrete precast external walls all supported on CFA piles founded to rock.

(Further information or more projects available upon request)

