

THE VAUGHAN REPORT

*Autumn
2018*

WOOLWORTHS AIMS FOR THE SKY

6 MONTH
SNAPSHOT

11 projects reached
practical completion

212,033
m² of building area completed

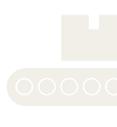
14 new project
appointments

13 new jobs commenced
on site

Cover
Exclusive

WOOLWORTHS REACHES NEW HEIGHTS

with the delivery of their first highbay warehouse

 **14KM**
OF CONVEYORS

 **370**
ON SITE
STAFF

 **3,000**
TONNES OF
STEEL

 **70KM**
OF PURLINS

 **76**
DOCKS

The Vaughan Constructions and Woolworths partnership has set a benchmark with the completion of a new fully automated high-bay distribution centre in Dandenong, Victoria.

Reaching 45 metres tall, the facility is the largest industrial high-bay structure in Victoria. The purpose-built facility boasts over 69,217m² of warehouse and corporate office space.

With multi-story racking systems, high-speed conveyors and sorting systems, the centre provides Woolworths with the capacity to sort and distribute stock at far greater levels of accuracy and at a pace not readily available in traditional warehousing operations.

A complex power control arrangement includes Australia's largest commercial solar installation. With the capacity to generate the equivalent of 250 homes, Woolworths will reap the benefit of energy savings over the long-term. Uninterrupted power connectivity includes automatic UPS backup, and an onsite generator allows the facility to operate off the grid even in the event of power failures.

Constructing a facility of this size and stature required the creation of unique installation techniques. Due to the sheer height of the high-bay, sprinkler installation differed significantly to the majority of warehouses completed nationally.

“Vaughan is proud to partner with Woolworths to once again support supply chain expansions and operational efficiency improvements, furthering their national growth.”

ANDREW NOBLE – MANAGING DIRECTOR, VAUGHAN CONSTRUCTIONS

After three months of planning and development with our contractors, a safe and inventive solution was devised combining the use of swing stages with boom and scissor lifts.

Woolworths engaged Vaughan Constructions to deliver their largest single investment project in the company's history under a Design & Construct contract. Vaughan was appointed on the project off the back of the successful delivery of Woolworths' first automated food processing facility, Woolworths Meats in Truganina.

Practical completion was achieved on Wednesday 21 March 2018, three months ahead of the contracted delivery date.

DEAKIN'S NEW MANUFACTURING MECCA

Deakin University's purpose-built ManuFutures building is now open for business supporting advanced manufacturing in regional Victoria.

A recent CSIRO study highlights the importance of the manufacturing sector to the Australian economy. Totalling 6.05% of our national GDP with an export value of \$96.1 billion, the industry employs more than 856,000 people nationwide.

Recent closes across the manufacturing sector within Australia has spurred on the importance of investing in high tech advanced manufacturing to support new employment opportunities and boost economic growth.

Located at the Geelong Waurn Ponds campus, in the epicentre of the Geelong Future Economy Precinct, the ManuFutures facility provides tenants with access to the newest technologies, research staff and multidisciplinary business and technical expertise offered by both Deakin University and its partner organisations.

“Vaughan Constructions were selected for this project on the basis of their extensive experience in the design and construction of industrial facilities. While the project had some challenges in the early phases of the works the commitment by Vaughan’s project team to achieving a quality result that ultimately met the Universities time frame was exemplary.”

JASON AH SAM – DEAKIN UNIVERSITY, REGIONAL MANAGER, CAPITAL PROJECTS, FACILITIES SERVICES DIVISION.

Neighbouring like-minded organisations facilitate collaboration and innovation within the Deakin campus, ManuFutures houses up to 15 tenants, to a capacity of 150 people. Such organisations include the University's Centre for Advanced Design in Engineering Training (CADET), Carbon Revolution, Carbon Nexus, HeiQ and the Institute for Intelligent Systems Research (IISRI).

Adhering to a tight project programme and subcontractor coordination processes, on a 325 Ha campus with an average of 7,312 students, this project faced significant delivery challenges.

Strict staging saw little room for flexibility, preventing stages from being completed concurrently. Appointed under a Design and Construct contract, Vaughan Constructions implemented innovative solutions to combat various complex challenges.



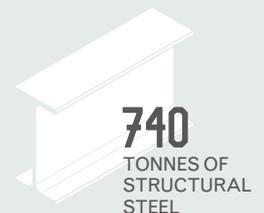
NEW FACILITY SEES PFD FOOD SERVICES CONTINUE TO DOMINATE

Australian owned PFD Food Services, new Knoxfield warehouse and distribution facility is now fully operational.

PFD Food Services engaged Vaughan Constructions under a Design & Construct contract to deliver a new facility that allows them to significantly expand operations, cementing PFD's position within Australia's \$21.6 billion wholesale grocery market.

Located on the prominent corner of Ferntree Gully and Henderson Roads, the 25,484m² facility feature a premium grade office, refrigerated warehouse distribution space and food manufacturing areas. The 14 metre high facility also includes 25 dedicated loading docks, a 1.5 million litre capacity recycled rainwater system, and dedicated truck wash and maintenance area adjoining the main building.

Staff amenities include generous breakout spaces, a wellness room and heavily landscaped outdoor areas, setting the standard of work environments within commercial and industrial grade facilities.



CARPET CALL: THE EXPERTS IN THE TRADE

Flooring specialist, Carpet Call have appointed Vaughan Construction to build their new NSW headquarters.

Located in Sydney's north western suburb of Seven Hills, the new facility will include a dedicated trade showroom, two levels of office space, warehouse, basement car park for 58 vehicles and underground fire sprinkler and rain water tanks to maximise the developable area of the site.

Partnering with project architects, FMSA Architecture to deliver this project, Vaughan Constructions have begun site works and expect to complete the project in the first quarter of 2019.



GROWTH SEES GMK LOGISTICS CHOOSE VAUGHAN ONCE AGAIN

At Vaughan Constructions, we pride ourselves on 'building customers for life', and our partnership with GMK Logistics is testament to our long term customer commitment.

Appointed under a Design & Construct contract, Vaughan recently completed an extension on the GMK warehouse in Gregory Hills, New South Wales.

The existing facility was originally built by Vaughan in 2016 and included extensive future planning measures to allow for a cost effective and seamless future extension.

The latest project included adding an additional 6000m² of floor space which was completed in under six months.

CONSTRUCTION COMMENCED ON FUJITSU'S NEW HEADQUARTERS

Fujitsu General Australia celebrated the start of construction on its new national headquarters in Eastern Creek, New South Wales, with an official sod turning ceremony in February.

The 11,093m² building will include a national administration office, incorporating Fujitsu General Assist the air-conditioning supplier's in house service department and customer support team and an 8,500m² distribution warehouse. The new facility will improve operational and distribution efficiencies across the Fujitsu General network.

Works are due for completion in December this year.



Left to right: Ray Waterhouse, Priscilla Waterhouse, Philip Perham, Mark Taylor and Andrew Noble.

WE ARE PLEASED TO BE ON -SITE NOW WORKING FOR THE FOLLOWING GROUPS:



Find out more about these projects in coming editions of the Vaughan Report.

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