

A CLASS OF ITS OWN

CLIENT : Queensland University of Technology
MAIN CONSTRUCTION COMPANY : Hansen Yuncken
ARCHITECT : Wilson and Henning Larsen
CONSTRUCTION VALUE : \$62.4 million

The \$62.4M QUT Education Precinct is a model for future educational precincts internationally and sets a new benchmark for contemporary and sustainable design. The precinct includes the construction of an iconic 6-level building with an approximate GFA of 9,800m², the pedestrianisation of the existing ring road and refurbishment of the Curriculum Collection Space.

Teaming up with design architects Wilson and Henning Larsen, Hansen Yuncken helped deliver a collaborative, memorable space for teaching and learning destined to be world class. Designed to reconnect existing traffic flows within the Kelvin Grove community, the development integrates campus buildings and landscaped areas into a central and vibrant university hub.

The 6-level building, includes the pedestrianisation of the existing Ring Road connecting Victoria Park Road and Hill Road, and the refurbishment of the Curriculum Collection Space. "QUT's existing campus sits like a citadel on top of the hill. To move about the campus you have to traverse several levels. The new building intelligently integrates these floors so that you can catch lifts to different floors or cross pedestrian walkways," explained Hansen Yuncken's Project Manager, Gerard Harris. Relying heavily on context, Wilson and Henning Larsen architects teamed up with landscape architects Taylor Cullity Lethean to complete the design.

"What we have been asked to build is essentially an upside-down wedding cake on the side of a hill. The smallest floor plate is the base and the size increases from thereon upward so that it can cantilever out over the road. The design is incredibly complex and smart," said Gerard. Overlooking Victoria Park, the newly completed building will show off 360 degree views of the CBD.

The project was constructed on an active campus, which required careful planning and safety precautions as the site progressed as large trucks carrying concrete had to be mobilised onsite. QUT installed high barriers and boom gates to control traffic and prevent pedestrians wandering onto the road.

Despite the challenges, Hansen Yuncken envisaged the successful completion of the project on schedule and on budget and are

proud to be a part of bringing the QUT Education Precinct to reality.

Hansen Yuncken have been trading for over 100 years and are recognised as Australia's leading construction company. Privately owned, and operated by over 650 staff, they are renown for bringing innovations to the market quickly and capably.

Hansen Yuncken's project portfolio of over 4,000 builds is extensive and covers almost all sectors of the building industry from commercial projects to education, health, industrial, retail, residential and senior living.

Current projects include Port Adelaide Government Office Development and Her Majesty's Theatre Redevelopment in South Australia, as well as the High Capacity Metro Trains Pakenham Depot in Victoria.

As long term contributors to the construction industry, Hansen Yuncken are always forward thinking, involving themselves in senior committee roles in organisations such as the Master Builders, The Australian Institute of Building, the Property Council, the Green Building Council of Australia and others.

For more information contact Hansen Yuncken, Level 1, 120 Wickham Street, Fortitude Valley QLD 4006, phone 07 3872 4000, email brisbane@hansenyuncken.com.au, website www.hansenyuncken.com.au



TERMITES BARRED FROM QUT

Termi Home & Commercial has a long history of installing the renowned Termimesh termite barrier in countless high value projects across the construction industry. For the expansive QUT Education Precinct, the System was the preferred choice to provide a long lasting protection with minimal maintenance and no retreatment requirements.

The Termimesh barrier acts as a deterrent, ensuring termites at ground level are kept out of the building and services.

“Termites cannot penetrate the mesh and it’s made from ultra-marine grade stainless steel, so it is extremely durable in the tough commercial construction environment” explained Termi Home & Commercial QLD Operations Manager, Reece Butler. “The System was designed,



quoted and installed to ensure protection of all vulnerable points including service penetrations and cavity walls. We don’t take short cuts with our installations and this starts with our initial tender and goes right through to final installation and handover.”

Termi Home & Commercial, has undertaken a variety of works on the Education Precinct as well as providing ongoing pest and termite control services to the buildings via its Termitrust division.

“The contract specifications were reasonably straightforward but the real key to success is the installation schedule and onsite coordination with other trades. Timing is critical, you can’t have the precast slab installed before the barriers are up and secure; and you can’t have the barriers in until the plumbing and electrical works are in place. We worked hard throughout the project stages to ensure this was managed smoothly. Although we have a long history with the precinct and the builder, each stage is different. Yet we pride ourselves with delivering on price and on time installations,” said Reece.

Another recent project for Termi Home & Commercial is the high profile Howard Smith Wharves redevelopment. Working closely with Hutchinson Builders, their Termitrust pest control division provided preventative termite treatment to existing timber structures that formed part of the project. In this iconic building, Termimesh was then used to provide superior protection for both new and old structural and secondary timbers, for decades to come.

For more information contact Termi Home & Commercial (QLD), phone 07 3863 6400, website www.termimesh.com.au



Optima

WHEN ACOUSTIC’S MATTER, CHOOSE OPTIMA!

Optima Australia’s acoustic glazing systems were recently integrated with QUT Education Precinct, at the Kelvin Grove Campus. Boasting quality and high acoustic performance Optima’s glazing solutions have been successfully integrated within the Education and Commercial Office sectors throughout Australia, Asia, Middle East and UK.

The QUT Education Precinct required premium acoustic glazing solutions with an all round minimalistic design to both fixed glazing and door elements which was achieved through the integration of their Optima 117 Plus, Revolution 54 and Revolution 100 product ranges.

High performance acoustic doors are generally an area of weakness but with the integration of Optima door solutions the QUT Education Precinct was able to ensure a premium result from both fixed glazing and door elements.

- Optima 117 Plus single fixed glazed solutions have an acoustic capacity of up to Rw40
- Revolution 54 double fixed glazed solution has an acoustic capacity of up to Rw46
- Revolution 100 double fixed glazed solution has an acoustic capacity of up to Rw51

- Elite Affinity double glazed door pivoted in Microflush jamb acoustic capacity of up to Rw45
- Affinity single or double glazed door hinged in Microflush jamb acoustic capacity of up to Rw41

Optima Australia offer a premium product range which is fully demountable, acoustically certified and environmentally sustainable. By working directly with interior designer’s and acoustician’s, Optima Australia ensure specialised product solutions are proposed early on in the design process to ensure that visual aesthetics and acoustic performance are retained through to project completion.

Other key ongoing projects include The University of Melbourne, BIO 21 and Western Edge Bioscience Buildings (VIC), Australian Unity (VIC), Vanguard (VIC), Mill Film (SA). Optima Australia partner with clients throughout Australia to deliver a premium acoustic outcomes where privacy is paramount.

For more information contact Optima Australia, phone 1300 997 845, website www.optimasystems.com.au

ITS ALL IN THE FINISHING

Tile and Stone Supplier Parrella Tiles recently won the supply contract for Queensland University of Technology's new \$62.4 million Education Precinct development.

All tiles at QUT were treated to four differing finishes depending upon the location of the tile, these being either bush-hammered, honed, brushed or flamed.

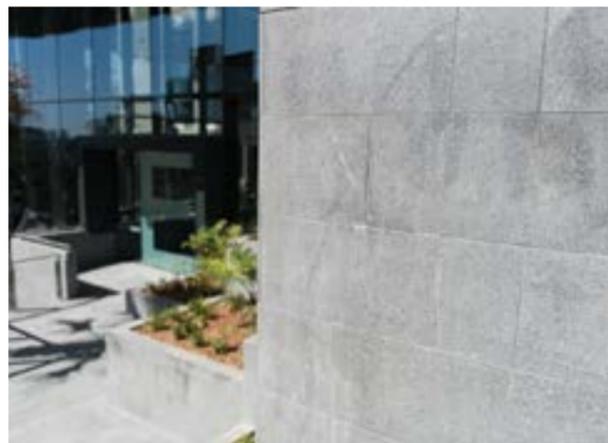
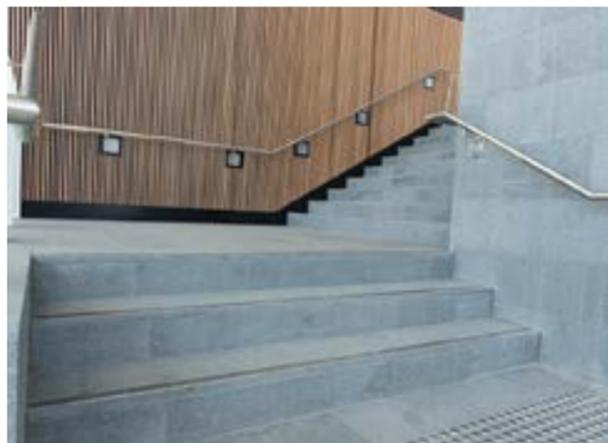
"Natural Stone is always challenging with regard to managing its look and sizing. In supplying granite tiles to QUT, this had to be factored in as there were special issues with the step treads. Mindful granite stone is carved out of cubes down to slabs and so forth, the specification requiring inserted stainless steel treads mean we had to carve strips into

the stone. This was no easy task as you only have about 1.5mm plus or minus of remaining surrounds. Yet, like all our projects, we tailor our products and services to the client's needs, so it was not something especially impossible to overcome," said Director, Damien Parrella.

With a team of five, Parrella have an outstanding trading history of 34 years, specialising in large, multi-residential tile and stone supply.

Other current projects include Skyneedle, Gurner FV and Valencia.

For more information contact Parrella Tiles, 472 Newman Road, Geebung QLD 4034, phone 07 3265 7377, website www.parrellatiles.com.au



NO STONE LEFT UNTURNED

Stone Developments have completed tiling and paving in the wet areas of the Queensland University of Technology Education project, including the addition of intricate cladding to external walls.

Stone Developments had a team of 12 working on the QUT development, five installed the tiling while seven carried out the stone and pavement installations. "The project was exceptionally managed. We take our hats off to the builders for such an organised site, with the rarity of working in our own space most of the time," said Project Manager, Sebastian Mapusua.

Stone Developments have been trading out of Brisbane since 2011. They specialise in commercial and residential stone contracting in the

building and design industry. Their products are extensive, ranging from large format porcelain to marble and travertine among others.



For more information contact Stone Developments, 7/55 Links Avenue, Eagle Farm QLD 4009, phone 07 3162 3255, email info@stonedevelopments.com.au, website www.stonedevelopments.com.au

