

WHERE YOUTH HEALTH COMES FIRST



CLIENT : Department of Health and Human Services
MAIN CONSTRUCTION COMPANY : Kane Constructions
ARCHITECT : Billard Leece Partnership
BUILDING SURVEYOR : Hendry Group
CONSTRUCTION VALUE : \$50 million

The Orygen & OYH Poplar Road Precinct Redevelopment involved the construction of a world class 4-level clinical and research facility for young people with mental ill-health. This state-of-the-art development houses clinical, research, education and training services and has been designed to support collaboration and innovation. Kane Constructions were engaged as head contractor to deliver the Orygen & OYH Poplar Road Precinct Redevelopment in mid-2017 and were responsible for the construction of the new facility. The development houses both Orygen, The National Centre of Excellence in Youth Mental Health and Orygen Youth Health.

Orygen Youth Health – operated by Melbourne Health, provides a comprehensive clinical service to young people aged 15-24 in the west and north-west suburbs of Melbourne. Orygen, the National Centre of Excellence in Youth Mental Health is the world's leading research and knowledge translation organisation focusing on mental ill-health in young people.

Each year, up to 5,000 young people will benefit from this much needed centre. The facility combines acute community based care, psychological treatment, psychosocial programmes plus peer and family support. The facility is a destination for health professionals to conduct research in search of innovative treatments for young people living with mental illness.

One of the main features of the redevelopment consists of the glue laminated timber. This was utilised as framing members for

feature glazed curtain walls and support posts for glazed balustrades. The decorative fins utilised the same product to represent tree trunks and branches. Kane Constructions facilitated the design, procurement and installation of the glue laminated timber. Each element was a bespoke design that was engineered, workshop drawn, fabricated, assembled and then installed onsite.

The glazed curtain walls and balustrades required careful coordination with the glazing contractors to ensure that the glass was ordered correctly. Due to long lead times, the order was placed prior to the installation of the timber. The design had to be 100% accurate as there was no opportunity to measure the glass prior to ordering. The team successfully installed the glass in the first instance with no reordering required.

The Orygen & OYH Poplar Road Precinct Redevelopment has been staged over two separable portions to minimise impact to the existing



operations. Separable Portion 1 was completed in the last quarter of 2018 and Separable Portion 2 works are currently underway. This project will reach Practical Completion in the second quarter of 2019.

Kane Constructions is a multi-award winning, privately owned commercial construction company with an annual turnover in excess of \$800 million. With over 450 full time employees, Kane operate throughout the east coast of Australia and overseas from offices in Melbourne, Sydney, Brisbane and Canberra.

Backed by nearly 50 years of experience, the company has grown to provide a range of services in sectors including commercial, residential, health, community, education, aged care and defence. Kane Constructions are also involved in detailed heritage restoration work and have a large presence in Geelong.

Kane Constructions' portfolio of award winning projects include the \$45 million Geelong Library & Heritage Centre which won the 2016

Master Builders Australia National Commercial Master Builder of the Year Award, and the \$66 million University of Melbourne Arts West Redevelopment which won the 2017 Master Builders Association of Victoria Master Builder of the Year Award.

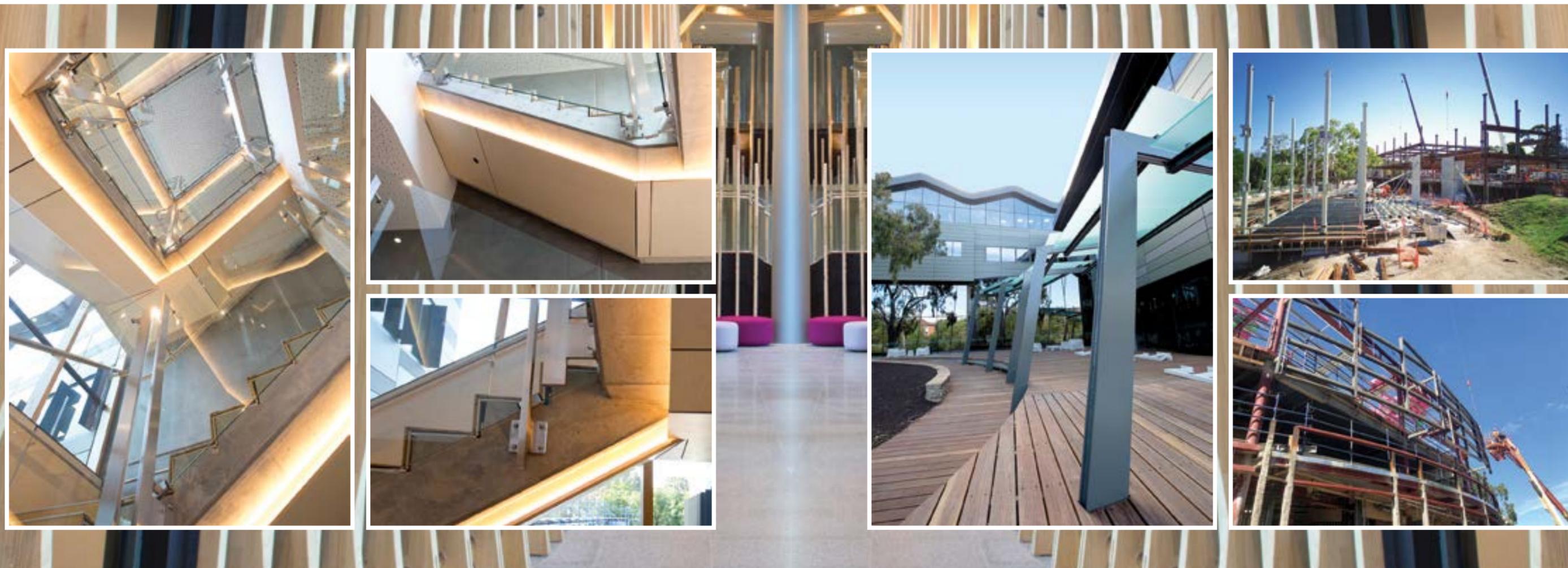
Recently, the \$59 million University of Melbourne Western Edge Bioscience Stage 1 Main Works project won the 2018 Master Builders Association of Victoria Excellence in Health and Safety Award.

Heading into 2019, the team are currently delivering several notable projects including the \$102 million Ballarat GovHub, \$75 million Cabrini Health Gendel Wing, \$55 million Cato Square project, \$25 million Geelong Performing Arts Centre Redevelopment and the \$48 million Penguin Parade Visitor Centre Development project.

For more information contact Kane Constructions, 658 Church Street, Richmond VIC 3121, phone 03 8420 1200, email viccontact@kane.com.au, website www.kane.com.au

Below Fortis Constructions completed off-form concrete stairs and large concrete formwork areas on the project.

Below Sventek Steel Constructions installed precast concrete panels and steel to the project utilising their experienced crane fleet.



Kane Constructicons invited Melbourne based contractor, Fortis Construction to carry out the formwork for all off-form concrete stairs on the Orygen & OYH Poplar Road Precinct Redevelopment. Specialising in intricate and highly detailed projects, where off-form is an integral part of the architectural finish, Fortis are proud to have been a part of the project.

The team at Fortis focus heavily on projects which feature a component of finished concrete along with the larger concrete formwork areas. The off-form concrete stairs for the centre are a key architectural feature of the build, with exposed concrete sides underlit and framed with glass and aluminium balustrades.

Fortis have an impressive portfolio which has seen them successfully complete various concrete works from multi-level commercial, civil works including bridges and tanks plus one off domestic builds which all require a high level of competency.

Fortis have previously worked with Kane Constructions on the Melbourne Girls Grammar School Project. The team at Fortis were awarded the contract for the supply and installation of formwork for the Schools Amphitheatre. The Amphitheatre in itself was a highly technical

build which required a vast level of experience. This difficult formwork project featured many large steps and a tricky radius. Fortis were acknowledged by Kane Constructions for providing an outstanding finish on this project.

The team are currently working on an impressive project called Gemlife Australia at Woodend and another project for Merkon Construction.

Fortis continues to develop a strong reputation for quality and proficiency within the concrete industry. They have a dedicated team made up of highly skilled and motivated individuals and together, they offer experience and knowledge in all facets of the structural side of both commercial and domestic construction.

For more information contact Fortis Construction, 3 Bourke Street, Coburg VIC 3058, mobile (Stephen Lynch) 0415 569 692, mobile (Cathal Toomey) 0406 238 728, email stephen@fortismelbourne.com or cathal@fortismelbourne.com, website www.fortismelbourne.com

Working closely with Kane Constructions, Sventek Steel Constructions provided the installation of the precast concrete panels and steel works throughout the project and provided the bulk of the crane hire on the job.

With limited site access and set up areas for the cranes, each stage had to be planned and coordinated with precision. Awkward and tight connections through out the whole job required the constant use of chain blocks and porter packs to get the job done. The team also worked closely with ASD Structural Detailing and Tali Engineering to ensure the project progressed smoothly.

Sventek Steel Constructicons have an impressive fleet with cranes ranging from 3 tonnes through to 100 tonnes. Along with providing general crane hire, the company also offer steel erection services. They have the capacity to deliver services on projects of all sizes.

The team at Sventek Steel Constructions are currently working on the Caulfield Grammar Aquatic project which will include a 50m Olympic size indoor swimming pool showcasing innovative advances in aquatic sports technology, and the \$58.2 million Phillip Island Penguin Parade Visitors Centre.



For more information Sventek Steel Constructions, phone 0403 569 108, email office@sventeksteelconstructions.com.au, website www.sccranchire.com

Below DiversaPlumb were onsite for 18 months completing all the hydraulic and civil works for the project.

Below Chair Solutions supplied 411 Australian Made Rexa Mesh Task Chairs to the redevelopment.



DiversaPlumb have worked closely with Kane Constructions on the Orygen & OYH Poplar Road Precinct Redevelopment.

Commencing onsite in September 2017, Diversaplumb had their team of experienced plumbers work in a collaborative manner with Kane Construction to deliver this fast tracked project to a very high quality whilst maintaining an exceptional safety standard.

Having worked with Kane Constructions previously, Diversaplumb were able to provide the services required and communicate effectively with all relevant trades on the project.

With more than 13 years experience, Diversaplumb pride themselves on their practical, up-to-date solutions and collaborative approach.

Over the years Diversaplumb has grown to now feature over 40 members who form part of this highly capable team. The Diversaplumb team are very passionate about providing an un-matched level of service, particularly when it comes to commercial plumbing.

DiversaPlumb is a DiversaGroup company along with DiversaBuild and DiversaModule.

Diversaplumb features a distinguished portfolio working with notable builders on a range of projects. Their enviable track record has seen the team involved with numerous commercial and industrial developments including the recent Regional rail, Ballarat Line Upgrade being delivered by Lendlease and Coleman Rail through joint venture.

Based in Melbourne, the team have the capabilities to successfully deliver services across the country.

For more information contact DiversaPlumb, 2-43 Ravenhall Way, Ravenhall VIC 3023, phone 03 8001 7118, email jordan.j@diversaplumb.com.au

Chair Solutions produces best in class seating to suit the needs of the modern Australian workplace and have been manufacturing, executive, task, visitor and soft seating solutions here in Australia and New Zealand for over 30 years.

As seating specialists, Chair Solutions provide a range of Australian Made solutions for the commercial workplace, education, healthcare and government which are aesthetically pleasing and ergonomically support the body. For the workplace, user needs are catered for with a variety of adjustable mechanisms, various seat sizes, back shapes, and adjustable arms. These can be mixed and matched to fit the individual user – big or small, tall or short and anywhere in between.

Chair Solutions adaptable products allow for a consistent aesthetic throughout a fitout. Clients can also choose from a near endless range of fabric options including healthcare treated textiles.

The CS business model relies on key relationships with dealers, and the company is proud of the support they offer them. By utilising these close relationships, Chair Solutions completes exceptional fitouts across Australia and New Zealand including a total of 411 Australian Made Rexa Mesh Task Chairs to the site which was staged

over three days. These traditional styled chairs have proven their value and reliability for more than 15 years.

Chair Solutions are leading the way in Australian seating manufacturing. While the team specialise in commercial grade task, visitor and soft seating they are able to fully customise chairs to suit their customer needs.

For more information contact Chair Solutions, 38-42 Merola Way, Campbellfield VIC 3061, phone 03 9357 5765, fax 03 9357 5760, email salesvic@chairsolutions.com.au, website www.chairsolutions.com.au