

OLIVIA NEWTON JOHN CANCER & WELLNESS CENTRE

MAIN CONSTRUCTION COMPANY : Leighton Contractors
DEVELOPER : Austin Health
PROJECT END VALUE : \$100 Million
COMPLETION : April 2012
ARCHITECTS : Daryl Jackson
SURVEYOR : Davis Langdon

LEIGHTON CONTRACTORS
Southern Region
5 Queens Road
Melbourne VIC 3004
t. 03 9228 7700
f. 03 9228 3000
www.leightoncontractors.com.au



ADDING VALUE, NOT COST

With a proven project track record and a wealth of unique expertise that has been developed over 60 years, Leighton Contractors is able to deliver a range of capabilities across a number of diverse industry sectors.

From delivering landmark projects to providing specialised services, Leighton Contractors operates across all stages of the project life cycle, providing integrated solutions to its clients, regardless of the size or scope of the development.

With intimate knowledge of and extensive experience in building projects, Leighton Contractors has delivered a prolific range of developments throughout Australia and New Zealand. Currently, Leighton Contractors employs over 10,000 people and has more than \$11 billion of work in hand.

From delivering and financing a major toll road, or operating one of Australia's largest mines, through to designing a specialist pharmaceutical

facility, creating telecommunications networks or fitting out a new retail centre, Leighton Contractors is consistently at the forefront of the Australian building and construction industry.

Based on its experience in the delivery of innovative health care facilities, Leighton Contractors was selected by Austin Health as the principal construction contractor for the Olivia Newton John Cancer and Wellness Centre in Heidelberg, Victoria.

When completed, the \$100 million centre will combine leading medical treatment and research of international significance, integrated with the best of wellness care and support for cancer patients and their families. The development will also incorporate facilities such as new linear accelerators, radiation oncology bunkers, additional chemotherapy chairs and a computed tomography scanner.

Project Manager Ben Uren said Leighton Contractors' extensive involvement in the centre further enhanced the existing team of experienced health professionals, design and services consultants and operational managers working on the project.

"Our inclusion in the project team has added a depth of experience in the construction of complex health care facilities. We continuously invest in specialised health systems and processes required for the construction of complex and technologically intensive projects like this," Mr Uren said.

"As a result of our long-standing industry experience, particularly within the health sector, we are able to lead the successful delivery of all the required components of the Olivia Newton John Cancer and Wellness Centre."

Leighton Contractors' 'can do' culture, together with its focus on delivering environmentally sustainable projects, has ensured the creation of a world-class facility that is tailored to meet the unique needs of both the client and the centre's patients.

"Because we consistently liaise with other contractors on site, ensuring obstacles or delays to the development are minimised, the construction of the Olivia Newton John Cancer and Wellness Centre is expected to be completed in both a time and cost efficient manner," Mr Uren said. "In addition, our commitment to providing

innovative, cutting-edge technology and state-of-the-art solutions, as well delivering value for money to our clients, has ensured that the Olivia Newton John Cancer and Wellness Centre will be a world-class facility that will enormously benefit the Victorian health industry and community."

"We expect the success of the project will be testament to our belief that, at Leighton Contractors, actions always speak louder than words," he said.

Dedicated to seeking opportunities to further improve project performance and provide high-quality solutions to its clients, Leighton Contractors' presence within the building and construction industry continues to grow from strength to strength.

Leighton Contractors' focus on putting safety and health on its sites before all else, and its commitment to enduring business relationships are underpinned by its corporate values. By defining the way the company works for its clients, people and partners, these values have cemented Leighton Contractors' place as one of Australia's most successful companies.

AND YOU THOUGHT THAT HER GREATEST GIFT TO AUSTRALIA WAS MUSIC



**The Olivia Newton-John Cancer and Wellness Centre,
built on the Austin Hospital site in Melbourne, will provide
a comprehensive range of cancer services, including
facilities for cancer treatment, education, training,
research and complementary wellness therapies.**

**One of Australia's favourite performers is
lending her name and generous support to
this unique health facility.**

Davis Langdon, an AECOM company, is honoured to be
working on this landmark centre and playing a central role in
the construction process.

Our multi-disciplinary team is providing Cost Management,
Building Surveying, Specification Consulting and Access
Consulting services to the project.

Funds for the Centre continue to be
raised via the Olivia Newton-John
Cancer and Wellness Centre Appeal
– donations can be made online
via the website www.oliviaappeal.com



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SWITCHING ON THE HEALTH SECTOR

Specialising in providing electrical and data services for the Australian health sector, Electrical.com is a company committed to achieving premium building finishes and electrical solutions for clients.

Having recently completed the renovation of the Royal Melbourne Hospital Emergency Department and the Radiotherapy Building at Sunshine Hospital, Electrical.com was also involved on the \$45 million Olivia Newton John Cancer Centre development in Heidelberg, Victoria.

Rob Henry, Manager at Electrical.com, said his professional team were responsible for the electrical services associated with the Centre, as well as managing the supply and installation of a 1,500kva generator, a communications contract, the nurse call system, access control system and duress system.

"Whilst working on the Olivia Newton John Centre, we used a full C-bus lighting control system, which we integrated into the building's BMS," Mr Henry said.

The development also included the alteration and addition to existing high voltage services, including the extension of the existing RMU and the installation of two new HV transformers. "Our team of experts also supplied and installed two new main switchboards, as well as a generator with two, 60Kva UPS systems," Mr Henry said.

Although Electrical.com faced a number of challenges whilst working on the Olivia Newton John Cancer Centre development, a wealth of industry experience allowed them to overcome the obstacles they faced.

"The installation of a 14 tonne generator, on Level 7 of the building, was one of the biggest challenges we faced and required months of coordination and close liaison with stake-holders and head contractor, Leighton," Mr Henry said.

"In addition, Electrical.com was committed to meeting and upholding the high standards of OH&S required for the project and as a result, we were delivered time and cost effective solutions for the client," he said.

Given their astute project and client focus, as well as their specialised and skilled workforce, Electrical.com will continue to be the health sector's first choice for delivering electrical and data services solutions.

Electrical.com Pty. Ltd
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Rec. 13891

ELECTRICAL.COM Pty Ltd
4/27-33 Thornton Crescent
Mitcham VIC 3132
t. 03 9874 8757
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www.elec.com.au

WWW.ANCR.COM.AU

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SCAFFOLDING SPECIALISTS

With more than 20 years of industry experience in delivering outstanding products and services to the building and construction industry, Independent Scaffolds is a name you can trust.

With a team of highly-skilled professionals, as well as a leading range of scaffolding materials and equipment, Independent Scaffolds are able to provide their scaffold services to a range of projects, regardless of their size or scope.

Having worked on a number of prolific projects throughout Victoria, Independent Scaffolds were also involved on the significant Olivia Newton John Cancer Wellness Centre development in Heidelberg, Victoria.

When complete, the \$45 million Centre will combine leading medical treatment and research of international significance, integrated with the best of wellness care and support for patients and their families.

The development will also incorporate two new linear accelerations, four radiation oncology bunkers, four additional chemotherapy chairs and a computed tomography scanner.

Danny Coen, Managing Director of Independent Scaffolds, said that whilst working on the Centre, they had been responsible for the erection and provision of the main building's scaffolding requirements.

"We were responsible for successfully delivering an engineered support system to the Cancer Centre, which we carried out in both a cost and time effective manner," Mr Coen said.

"Furthermore, as a result of our more than competent team of building professionals and our quality products, we were able to fulfil our role in a smooth manner, minimising any potential delays or obstacles to the overall construction process. "This therefore guaranteed complete client satisfaction and ensured the job was delivered on time," he said.

Committed to providing outstanding services and complete customer satisfaction, it is without a doubt Independent Scaffolds will remain the preferred contractor for the majority of Victoria's leading builders.

INDEPENDENT SCAFFOLDS

42-44 Capital Link Drive
Campbellfield VIC 3061

Contact: Danny Coen

t. 03 9357 6758

m. 0416 130 003

www.independentscaffolding.com.au

CONSTRUCTION SPECIALISTS

Specialising in the construction of concrete structures, V Constructions are able to deliver their pioneering services and expertise across entire projects, from the initial foundation stages to their completion.

With a range of capabilities, encompassing the erection of all formwork, the tying of reinforcements, as well as the supply of concrete and pre-cast panel erection, V Constructions have become a key force within the building and construction industry.

Having completed a range of successful projects, including apartment towers, hospitals and office towers, V Constructions were also involved on the prolific Oliver Newton John Cancer and Wellness Centre in Victoria.

When complete, this \$100 million development will be a dedicated healthcare precinct that will provide a range of specialist cancer services, including treatment, education, training and research.

Tony Violentis, Managing Director of V Constructions, said that during their involvement their professional team was responsible for building the entire concrete structure of the Centre.

"Whilst working on this project, we built all of the initial detailed excavations and footings, right through to all of the additional concrete elements," Mr Violentis said.

"These included suspended slabs, lift shafts, stair-wells, walls, reinforcement, post-tensioning and pre-cast panel erections," he said.

Given the significant size of the Olivia Newton John Cancer and Wellness Centre, V Constructions were met with a number of challenges whilst working on the development. "One particular obstacle we faced on this project was the construction of the radiation bunker walls, which were more two metres thick, over five metres high and with a 2.4 metre-thick concrete roof.

"However, our specialised team of engineers were able to overcome this issue through the design and development of specific formwork systems that are designed to withstand the sheer pressure and weight of this structure," he said.

Furthermore, with years of industry experience, V Constructions were able to tailor their operating systems to suit the Olivia Newton John's Cancer and Wellness Centre's particular requirements and as a result, were able to complete their responsibilities in a time efficient and cost-effective manner for the client.

Able to deliver quality results and products to a range of prominent builders, it is without a doubt, V Constructions will continue to enable the safer, faster and more cost competitive completion of projects within Australia.

V CONSTRUCTIONS

122 Herald St Cheltenham VIC 3192

PO Box 3143 Moorabbin East VIC 3189

t. 03 9555 1444

f. 03 9555 1441

e. admin@vconstructions.com.au





ENGINEERING SPECIALISTS

Established in 1981, Bonacci Group is a company specialising in structural, civil and water engineering services for building and construction projects throughout Australia.

Endeavouring to maximise the use of commercial structural and civil engineering design solutions, Bonacci Group has delivered a range of services to a number of significant projects, including The Australian Centre for Neuroscience and Mental Health Research, the Epworth Hospital and the award winning Melbourne Recital Centre and MTC Theatre Project.

Given their range of industry expertise, their professional and highly-skilled team was appointed to provide full structural and civil engineering services to the Olivia Newton-John Cancer and Wellness Centre. Bonacci Group made significant investment in the project through the coordinated use of

BIM software, allowing them an improved way of working collaboratively, using a model created from coordinated consistent design information. This process enables better documentation and a direct structural analysis to achieve design accuracy.

Bonacci Group's contribution to the project has seen the delivery of another successful project, enhancing their role as the leading engineering services providers.

BONACCI GROUP PTY LTD
A.B.N. 42 060 332 345
50 Hoddle Street
Abbotsford VIC 3067
t. 03 9418 4000
f. 03 9418 4001
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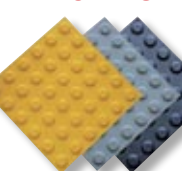
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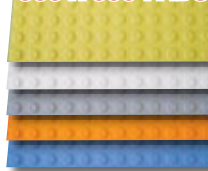
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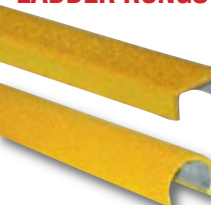
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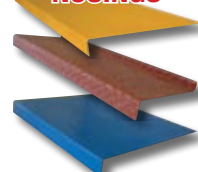
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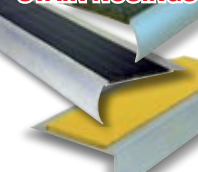
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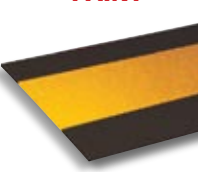
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