

THE PERFECT REMEDY



MAIN CONSTRUCTION COMPANY : Hansen Yuncken Pty Ltd
ARCHITECT : Suters Architects
STRUCTURAL ENGINEER : Bonacci Group Pty Ltd
SURVEYOR : PLP Building Surveyors & Consultants
PROJECT VALUE : \$50 million

The \$50M Echuca Regional Health Redevelopment consists of partial demolition to the old Camray Wing in order to make room for a new Radiology Department, a Sub-Acute Unit, an Emergency Department and other needed medical and health facilities.

“The Echuca Regional Health Redevelopment is an example of our strength and capacity to undertake major construction activity that utilises the best resources in regional Victoria to deliver successful projects,” said Jason Cox, Hansen Yuncken’s Regional Manager. The Victorian Minister for Health, David Davis, marked the start of construction for the \$50 million redevelopment of the hospital by Hansen Yuncken in January 2013. The \$35 million first phase was completed in June 2014. The new modernised hospital will be fully operational in late 2015.

Hansen Yuncken has been working throughout regional VIC and southern NSW for almost 90 years. Echuca is situated on the Murray River, approximately 2^{1/2} hours’ drive north of Melbourne. The hospital admitted its first patient in 1882. Today it has approximately 600 staff and provides a range of services to over an estimated 44,000 people living in the Shire of Campaspe (VIC) and Murray Shire (NSW). “Our on-going commitment to commercial construction throughout

these regions separates our business from other larger construction companies,” said Jason Cox.

The new hospital will provide 114 beds, 62 of which will be in single rooms with an ensuite. Included in the new hospital are a new state-of-the-art Emergency Department and a 24 bed Rehabilitation Unit, with purposed-designed sanctuaries for palliative care patients. The new Surgical, Paediatric and Maternity Wards include a High Dependency Unit offering space and comfort for both patients and families. The new Maternity Ward provides for single rooms with a private ensuite for mothers and their newborn babies.

The redevelopment also includes a new Radiology Department, a new easily accessible front entry, reception and foyer, a café, indigenous and spiritual spaces, relaxing and comfortable courtyards and gardens and an additional 78 car spaces for patients, visitors and staff. “A project of this size and nature has many daily challenges which

were encountered throughout the first stage of works,” said Jason Cox. “The services tie-ins between old and new, the installation of a complete new power supply, the upgrade of the fire service (without impacting the operation of the existing), working alongside a fully operational operating facility, were daily occurrences that were managed by our team.”

During the works, Hansen Yuncken encountered significant amounts of hazardous material which required removal from alongside the operational inpatients accommodation. The staging of the works necessitated that Hansen Yuncken maintain three worksites across the facility without interrupting patient and staff access/egress, and hospital deliveries. “The ability of the project team to continually work across three sites within the existing hospital facility for 15 months, without interrupting the daily operations is a fantastic achievement,” said Jason Cox.

A key feature of the redevelopment project is the inclusion of environmentally sustainable initiatives. Hansen Yuncken conducted numerous co-ordination meetings to manage the new technology required for a complete new 750kw solar field, an example of such initiatives. It will play an integral role in minimising the running costs of the entire hospital’s energy use. As the solar field heats up, it

produces hot water which is transferred into an absorption chiller. The absorption chiller uses the captured heat/energy to produce power which in turn provides an additional source of energy to run the air conditioning system of the hospital.

Some innovative products were also employed in the project. The mechanical services system, for example, utilises a prefabricated insulated form of ductwork that provides a cleaner and more efficient duct solution. This system required extremely detailed shop drawings to be prepared as the duct was fabricated interstate and had a 30 day lead time.

Hansen Yuncken currently has in excess of \$2.5b of health projects underway across Australia. The company was also awarded a second major regional Victorian health project; the \$50m Albury Wodonga Regional Cancer Center. Hansen Yuncken is also currently undertaking the \$170m Wagga Wagga Hospital Redevelopment. This work is complementing the major \$1.85b Royal Adelaide Hospital project and the \$130m Eye and Ear Redevelopment in Melbourne.

For more information contact Hansen Yuncken Pty Ltd, 1/639D Dean Street, Albury NSW 2640, phone 02 6057 0900, fax 02 6057 0999, email albury@hansenyuncken.com.au, website www.hansenyuncken.com.au



Laying the perfect foundation for Echuca Regional Health was all in a day's work for Choices Flooring Shepparton. Owned and operated by Annette and Bob Ellis, Choices Flooring Shepparton has been helping the people of Victoria find the floor they've been searching for over 20 years.

With their extensive knowledge and attention to detail, it was only natural that Choices Flooring, the Goulburn Valley's leader in floor coverings, was chosen to provide their services to the Echuca Regional Health Redevelopment project.

Working to strict Health and Safety regulations, Choices Flooring Shepparton supplied and installed the floor and wall vinyl in the \$65.6 million redevelopment project. To assist with the overall management of infection control in the medical environment, the wall and floor coverings had to be easy to clean and resistant to disinfection procedures.

Due to frequent wet cleaning methods in health environments, the skirtings had to be made integral with the floor and tightly sealed against the wall as well as being constructed without any voids. The materials used also needed to be scrubbable and easily cleaned to again assist with infection control.

One of the products chosen for the Echuca Regional Health Redevelopment was Polyflor's Pearlazzo PUR vinyl sheet. This product features in the hallways of Echuca Regional Health, its intricate inlays of coloured arrows adding to the overall style of the facility.

The Pearlazzo PUR flooring also has the practical benefits of being hardwearing and is ideal for the high traffic that is seen on a daily basis at Echuca Regional Health. This high performance, heavy duty homogenous floor covering also consists of a polyurethane reinforcement, and provides a continuous, impervious and hygienic flooring solution.

With a BRE Global Environmental A+ rating, Polyflor's Palazzo PUR has a GreenRate level A - Gold Plus, being 100% recyclable and containing 25% recycled material. It also has non slip properties that are essential in the health care environment.

Choices Flooring Shepparton also wove their magic when it came to the supply and fitting of carpet tiles for the Echuca Regional Health Redevelopment. The new front entrance, waiting and imaging areas all benefited from the professional team at Choices Flooring Shepparton, the result being seamless and stylish floor coverings for the quality 21st Century health service.

From its humble beginnings in 1882, Echuca Regional Health has now grown to provide essential health services to around 44,000 people in the Echuca-Moama community. Choices Flooring Shepparton is very proud to have been part of this major health services redevelopment that has brought increased maternity, emergency and rehabilitation services to the region. With extra beds, new wards and a new radiology department, as well as Indigenous and Spiritual spaces, Echuca Regional Health is certainly moving with the times, and putting the community's needs first.

Choices Flooring Shepparton is located in the heart of town, and showcases the latest trends in carpet, timber, bamboo, laminate, luxury vinyl, tiles, rugs and Luxaflex window fashions. With their experience and comprehensive range of products, they can offer a solution to suit every project and every budget.

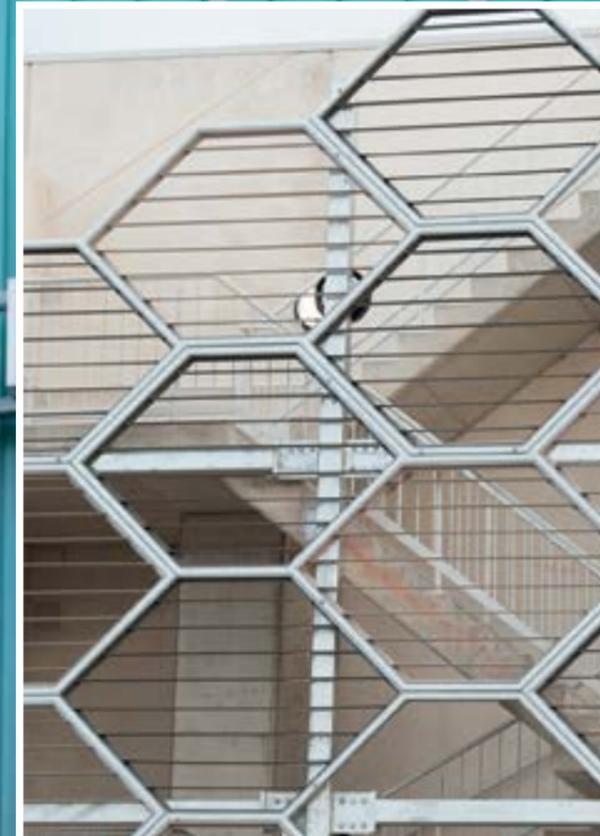
Choices Flooring Shepparton Owners and Managers, Annette and Bob Ellis pride themselves on their team's specialist product knowledge and exceptional customer service levels. From working on multi million dollar commercial projects to transforming spaces in homes, no project is too big or small for the team at Choices Flooring Shepparton.

With small town family values and big city ideas and innovation, Choices Flooring Shepparton welcomes all enquiries whether they be domestic or commercial. Whether it's perusing the comprehensive range of in store products or receiving free advice and solutions for your home, Choices Flooring Shepparton has it covered.

For more information Choices Flooring Shepparton, 186 High Street, Shepparton VIC 3630, phone 03 5822 2777, fax 03 5831 1374, email shepparton@choicesflooring.com.au, website www.choicesflooring.com.au

Below Rokez Constructions installed the precast panels and provided the shop drawings for the Echuca Redevelopment.

Below CPE Construction provided structural steel and modular framing for the Echuca Regional Health Redevelopment.



“Rokez Constructions Pty Ltd is leading the industry in quality services and products in the precast panel market,” said Director, Robert Kezerle.

Rokez Constructions organised the shop drawings, supplied and installed the precast panels for the Echuca Regional Health Redevelopment project.

In keeping with the design objectives for the project, the precast panels were in an off form finish, in Brighton light cement. Along with precast concrete panels, the company produces structural elements such as beams, columns and retaining walls.

Rokez Constructions is based in Shepparton, Victoria and has been in business for over five years. The company has an outstanding team of employees with a wealth of experience in many different areas.

“Our team strive to do their best at what is given to them on a daily basis, execute our clients’ requirements and deliver on time. We are always looking for modern technology and new products in the industry to benefit our valued clients,” said Robert Kezerle. “Our clients at Rokez are our number one priority, we do our very best

to complete every task that is put to us in a timely, successful and professional manner.”

Rokez Constructions has completed various works throughout Victoria and interstate. The company’s recent projects include:

- Julia Apartments at 200 Lygon Street, East Brunswick.
- Mink Apartments in Keilor Road, Essendon North.
- 17-storey Upper House Apartments at Swanston Street, Carlton.

Rokez is currently working on a 16-storey development in Castlereagh Street, in Sydney’s CBD in New South Wales.

“We are very proud to have been co-working with Hansen Yunken in a local project that the community of Echuca and surrounding areas will benefit from,” said Robert Kezerle.

For more information contact Rokez Constructions Pty Ltd, 92 Benella Road, Shepparton VIC 3630, phone 03 5821 4100, fax 03 5821 7682, email rokez@hotmail.com.au, website www.rokezconstructions.com

CPE Construction Pty Ltd supplied and installed the structural steel for the Echuca Regional Health Redevelopment project as well as the “molecular framing” on the outside of panels which are an architectural feature of the building. “CPE Construction cuts, folds, welds and fabricates steel to specification,” says Workshop Foreman, Alan Lloyd. “Our Cobram workshop excels in technically difficult steel fabrication for architect designed commercial work.”

CPE Construction has been in business for over 34 years. The company has completed numerous projects in Melbourne, Albury, Bendigo, Shepparton, Echuca, Wagga Wagga and other regional centres in VIC and NSW. CPE Construction’s director, Damion O’Callaghan is a qualified Civil Engineer with 15 years of construction industry experience.

CPE Construction can convert architectural and structural drawings into 3D models and shop drawings, co-ordinate architecturally challenging jobs, supply up to 250 tonnes of fabricated steel, erect on-site, do structural welding and weld-testing and meet abrasive blasting and painting specifications. CPE Construction also provides roof plumbing services and offers a full building service in Cobram and the surrounding areas, including steel work, precast panels, roof

and hydraulic plumbing, electrical, plastering, painting, fit-outs, joinery and concreting.

Some of the projects CPE Construction have completed include the Wellness Centre at Charles Sturt University, Albury. CPE Construction rolled and installed the steel roof structure with a varying radius to achieve the dramatic wave-shaped structure that sits above the main roofline. Another project was at Latrobe University, Shepparton campus where CPE Construction fabricated and erected structural steel for a building with a complicated footprint, multi-level roofline and angles that posed engineering challenges. CPE Construction provided a 3D model for the surveyor to set out steel members in this complex building.

“Multinational commercial builders can rely on us to produce flawless, precision-fitted steel, on time,” says Operations Manager, Liam Mathers. “CPE prides itself on getting it right. We can be relied upon to do what we say we will do, when we say we will and every person in the company works towards this.”

For more information contact CPE Construction Pty Ltd, 3718 Murray Valley Highway, Cobram VIC 3644, phone 03 5872 2156, email info@cpeconstruction.com.au, website www.cpeconstruction.com.au

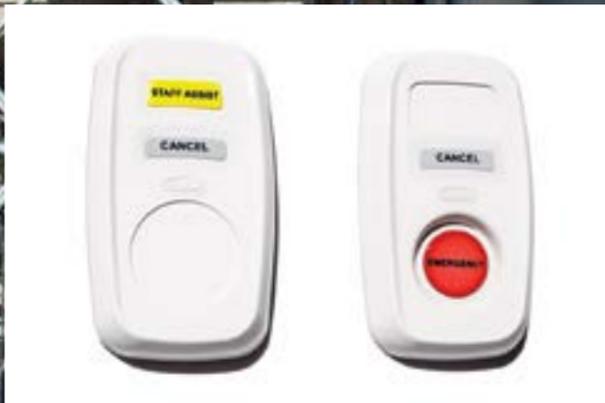


EMERGENCY →

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EMERGENCY →
Main Entrance →
Inpatient Wards →

Below Rauland Australia provided the Nurse Call and Patient Entertainment Systems for the Echuca Regional Health Redevelopment.

Below PC & KM Scherell carried out plumbing and hydraulic work for the Echuca Regional Health.



Rauland Australia Pty Ltd provided the Rauland Responder 5 Nurse Call system and Philips patient TVs for the Echuca Regional Health Redevelopment project. Rauland Australia work with a number of key partners to bring together best-of-breed technologies from around the world and create powerful solutions for their customers. Through their strategic partnership with Rauland-Borg, they are the exclusive distributor of Rauland Responder range of nurse call and hospital communication systems in Australia and New Zealand.

“The Rauland Responder 5 System has been on the market for about four years,” said National Sales and Business Development Manager Andy Hall. “As Echuca Health and Hansen Yuncken recognised, it is clearly a large step over what our competitors are currently able to offer.”

Rauland takes pride in being the first Nurse Call System provider to actively engage with stakeholders to ensure that the correct needs analysis work was done during the design and build phase. The use of over 120 Work Flow Terminals will allow the hospital to change their models of care, without being limited by the Nurse Call System capabilities in the future. The system will allow the hospital to make significant gains in workflow efficiency.

Rauland are currently working on a number of hospital projects, including the Victorian Comprehensive Cancer Centre (VCCC), the Bendigo Hospital Redevelopment, Box Hill Hospital and the Epworth Geelong and Richmond projects in Victoria, as well as the St John of God Murdoch Hospital, the Midland Public Hospital and the Fiona Stanley Hospital in Western Australia.

“As this is the first regional installation of Responder 5, I would see this not only as milestone for Rauland, but a milestone for the dedicated team at Echuca Health,” said Andy Hall. “Mark Hooper and Michelle Shingles from Echuca Health worked extremely hard to make sure that the system was not solely for the benefit of metropolitan hospitals only.”

For more information contact Rauland Australia Pty Ltd, 40 Straker Street, North Melbourne VIC 3051, phone 03 9328 5811, email sales@rauland.com.au, website www.rauland.com.au

PC & KM Scherell Pty Ltd (Scherell Plumbing) is a family company specialising in commercial and industrial plumbing. The company supplied and installed the plumbing and hydraulic work for the Echuca Regional Health Redevelopment project. Situated in regional Victoria, the company has had four generations of plumbers behind its success.

Jeff Scherell, the Project Manager for the project led an experienced team that delivered a 1.5km drainage matrix system to supply the Echuca Regional Health Redevelopment. They supplied and installed a commercial hot/cold/tepid water system.

Scherell Plumbing also supplied and installed thermostatic mixing valves, toilet suites, hand basins, showers, boiling water units, stainless steel sinks, tapware, grease interceptor and an electric powered pump set to provide re-use water to toilet suites from a 120,000 litre rainwater catchment tank. A new product they used was Raupiano Plus, a sound-insulating drainage pipe system.

Scherell Plumbing services include underground plumbing and drainage, roofwork, installation of septic systems, all types of gas installations, backfill testing and all types of solar hot water unit installation.

Although the business is based in Yarrawonga a major part of the company's work is outside the Yarrawonga district.

Other projects Scherell Plumbing is working on include extensions to Bunnings in Wangaratta, the Department of Environment and Primary Industries (DEPI) office in Broadford, IGA in Nagambie and CSU/GOTAFE (Charles Sturt University /Goulburn Ovens Institute of TAFE) in Wangaratta.

Scherell Plumbing takes pride in its plumbing expertise. “A great project for Scherell Plumbing and a pleasure to work alongside Hansen Yuncken and ERH (Echuca Regional Health),” said Jeff Scherell.

For more information contact PC & KM Scherell Pty Ltd, PO Box 363, Yarrawonga VIC 3730, phone 03 5743 2648, fax 03 5743 2633, email admin@scherrplumbing.com.au, website www.scherrplumbing.com.au

Below Excel Lockers provided custom sized lockers for the Echuca Regional Health Redevelopment.

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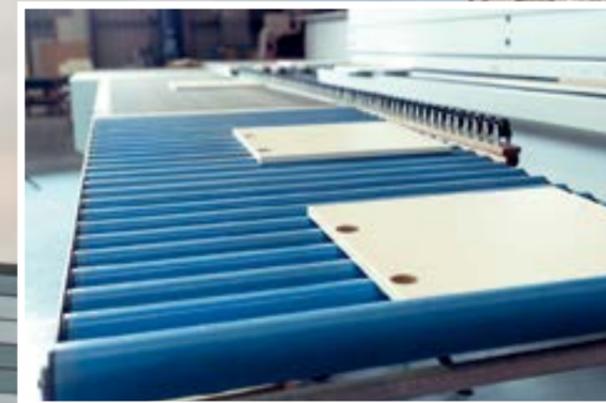
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Excel Lockers Pty Ltd provided the custom size lockers for the Echuca Regional Health Redevelopment project. "We've worked with Hansen Yuncken on different projects over many years, and were only too happy to work with them again," said a company spokesperson.

The Echuca Regional Health Redevelopment project required locker units that had to be custom made to suit the areas. This wasn't a problem for Excel Lockers. Excel Lockers is a Brisbane based company that supplies its products throughout Australia. It is a company that is innovative in its approach.

Excel Lockers' range of lockers and seating are manufactured using the latest in computer controlled machinery and installed by staff that believe in the importance of how the product looks, functions and works.

Excel Lockers' customers include hospitals, fitness centres, offices, golf and sporting clubs, factories, universities and emergency service departments. "We're currently expanding our range of lockers, locker finishes and locking options," said a company spokesperson.

"We've noticed that people are now requesting more possible uses for their lockers other than bag storage or clothes hanging, and with

this in mind we're manufacturing units for laptop, tablet, phone and skateboard storage, with adjustable shelving and custom sizing." Excel Lockers are also catering for changing locking requirements as people become more security conscious.

While keyed locking or padlock fittings are standard, and options for \$2 coin return and \$2 coin retain locks and digi4 locks are available, more requests than ever have been made for keyless locking with swipe card options.

Excel Lockers takes pride in its designs which the company says are favoured for their versatility, durability and outstanding quality.

For more information contact Excel Lockers Pty Ltd, 17b Rosa Place, Richlands QLD 4077, phone 1800 019 266, fax 07 3217 0131, email enquiries@excellockers.com.au, website www.excellockers.com.au