

TAMWORTH HOSPITAL

The \$116M Tamworth Hospital Redevelopment consists of the refurbishment of existing buildings along with a new multi-level health building which houses both inpatient and diagnostic services. This will provide the most current facilities with state-of-the-art technologies to ensure the best care is delivered.

PROJECT END VALUE : \$220 million
SURVEYOR : Bath Stewart Associates Pty Ltd
ARCHITECT : McConnel Smith & Johnson Architects Pty Ltd



Health Minister Jillian Skinner and Member for Tamworth Kevin Anderson recently visited Tamworth Hospital to celebrate two major milestones for the \$220 million redevelopment. Mrs Skinner and Mr Anderson watched on as a Japanese Maple tree was lowered onto the fifth storey of the redevelopment for the topping out ceremony - a construction tradition that marks completion of the highest point in a concrete structure.

“Just nine months ago I was here to turn soil for the beginning of works on this vital redevelopment and it is incredibly exciting to be here again today to see this building take shape so quickly,” Mrs Skinner said. “Kevin Anderson and I made a promise to the

people of Tamworth and it is with great pride we can be here today to see our commitment growing from the ground.

“The \$220 million redevelopment of Tamworth Hospital demonstrates the NSW Government is getting on with the job of delivering the enhanced health services our communities deserve. This is a project very close to my heart and I share the community’s excitement in seeing the cranes in the air, the walls going up and the new hospital coming together.” The acute services building will house inpatient and diagnostic services, including the emergency department, intensive care, high dependency unit and operating theatres.

Mr Anderson said the \$220 million redevelopment of Tamworth Hospital has resulted in the creation of 2200 direct and indirect construction jobs locally. “The redevelopment of our hospital will change the way health care is delivered to our community,” Mr Anderson said. “The benefits of this huge project are being felt across the community – from staff at the hospital, to patients and their families, to construction workers and subcontractors. After 16 years of Labor’s broken promises, our community had lost faith – the hospital redevelopment was long-promised and never delivered.”

“The NSW Liberals & Nationals have been determined to deliver for the people of

Tamworth. Today is a proud day and one which demonstrates we’re committed to ensuring this upgrade is a reality.” Mrs Skinner and Mr Anderson today also unveiled a plaque for the \$41 million North West Cancer Centre.

Mrs Skinner said the centre has been operating for 12 months and is ensuring rural cancer patients receive treatment closer to home. “The community is benefiting from a new linear accelerator for radiation therapy, as well as major radiotherapy planning equipment, including a new CT scanner,” Mrs Skinner said.

“Those who would have travelled to Sydney or Newcastle for radiotherapy are now receiving this treatment locally - this centre has changed the

way cancer care is delivered for this community.” Mr Anderson said there are also an additional five places for chemotherapy treatment, with the numbers of treatment spaces increasing from 9 to 14. “More than 25 patients receive radiotherapy at the centre each day and every week about 100 patients receive chemotherapy treatment in comfort of our community.”

The Tamworth Hospital redevelopment will be complete in 2016 and the new acute services building will provide new facilities for vital services including:

- Emergency department;
- Operating theatres, day surgery and recovery;
- Intensive Care and High Dependency

- Unit (ICU/HDU);
- Coronary Care Unit (CCU);
- Maternity unit, birthing suite and special care nursery;
- Paediatric unit (children’s ward);
- Pharmacy;
- Medical, surgical and palliative care units.

The redevelopment of Tamworth Hospital is supported by funding of \$100 million from the NSW Government and \$120 million from the Federal Government’s Health and Hospitals.

For more information about the Tamworth Hospital Redevelopment project visit, www.hnchealth.nsw.gov.au/thsr



WORLD CLASS CARE

Tamworth Hospital in regional NSW has long awaited its upgrade. With the goal of delivering a world class health facility to locals and redesigning services, Tamworth Hospital had ArjoHuntleigh Australia working alongside to help deliver state of the art mobility solutions, with a focus on safe patient handling.

Working with a team from the early planning stages, including architectural firm MSJ Architects, a project team from the Hunter New England Local Healthcare District (NSW) and government body NSW Health, the ArjoHuntleigh Project Builds team were able to establish the needs of all parties, and adopt a holistic approach using their 60 years of experience globally in working with hospitals.

The project also utilised ArjoHuntleigh's unique Architects Planners Guide. It is an internationally recognised resource detailing space and design requirements in both acute and long term care settings. The guidebook is specifically produced to aid and assist the design team with the unique requirements

and challenges that comes with designing a healthcare facility.

Hunter New England Local Health District were very clear on the brief from the onset and a key objective for the facility upgrade was to create a facility centered around safe patient handling practices, aligned with best practice standards - resulting in an improved working conditions for all care staff.

A key outcome of reducing risks in static load to decrease injuries of care staff was a key consideration. Furthermore, in conjunction with the specific clinical requirements and project patient needs, the team at ArjoHuntleigh were able to provide a range of mobility equipment – including the Maxi Sky 2 and Maxi 1000 ceiling lift systems – and expert advice to assist Tamworth achieve this goal.

The addition of two bathing systems – the Primo P300 height adjustable hydrotherapy bath, and Miranti power transfer system for the pediatric department were chosen as a complete wellness system, offering patients hygiene, relaxation, pain relief and therapy.

Furthermore ArjoHuntleigh's ergonomic multipurpose hygiene chair, Carendo, was also a significant part of the contract. Carer needs were also considered, with efficiency gains for the facility from the auto-fill and disinfection functionality.

ArjoHuntleigh cites the success of the project to working closely together along every step of the way, were proud to bring world class mobility solutions to rural New South Wales. Paul Currey was the Project Manager for the project and his working relationship with the stakeholders involved also contributed to the success.

Information about the Architects Planners Guide, the products mentioned and ArjoHuntleigh's safe patient handling strategies can be found at www.arjohuntleigh.com.au

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For more information contact ArjoHuntleigh, phone 1800 072 040, fax 1800 009 077, email enquiriesau@arjohuntleigh.com and website www.arjohuntleigh.com.au



FLAWLESS FAÇADE

Chosen for their extensive industry knowledge and reputation as a leading façade company, Stane Industries was responsible for fabricating and installing external steel wall frames, full water and air sealing, as well as fabricating and installing the façade for the Tamworth Hospital project.

The unique building façade consists of three distinct materials including aluminum composite panels, Trespa panels and timber cladding, all of which require a different installation system to be applied.

Aluminum composite panels cover the majority of the building's façade. In most of the areas, panel dimensions reach up to 4350 x 1185 mm. For such a big panel size, the design needed to be precise in order to resist wind load pressure and thermal expansion during its lifetime.

With the job site located in Tamworth, 450km away from the Stane Industries factory, a decision was made to fabricate all the frames and panels in the factory and then deliver and install them on site.

To accomplish this decision, precise shop drawings were prepared according to the latest architectural and structural drawings in conjunction with site measurements to avoid discrepancies.

As each shop drawing was approved by the main contractors' consultant, steel frames were fabricated and delivered to the site according to MSP schedule.

Utilising innovative measurement and leveling instruments on site, made the installation process as precise and accurate as possible to match the shop drawings dimensions. By the time the frame installation had progressed, panel fabrication had started in the factory.

The use of the three different materials in the façade design is a standout in its field, making for an outstanding result.

The team at Stane Industries strives to maintain excellence in their quality of fabrication and installation to ensure that the highest level of eminence is passed from the beginning of production right through to the installation.

For more information contact Stane Industries Pty Ltd, 13-15 Governor Macquarie Drive, Chipping Norton NSW 2170, phone 02 9723 6673, fax 02 9723 3308, email projects@stane.com.au, website www.stane.com.au



ULTRASAFE FOR ULTRA HEALTH

Ultrasafe Fire Protection Services were engaged to carry out the design, supply, installation and maintenance of the automatic fire sprinkler, detection and alarm system as well as fire extinguishers for the Tamworth Hospital Redevelopment.

The project systems were installed to meet Australian Standards and the requirements outlined in the fire engineering report. With a focus on supporting the local community, Ultrasafe Fire Protection Services sourced local labor for parts of the installation, as well as involving local suppliers and transport companies.

Established in 1995, the company has been carrying out fire system installations throughout NSW and interstate for close to 20 years. Through the years they have undertaken many successful projects with both Abigroup Limited and Richard Crookes Constructions.

The team at Ultrasafe Fire Protection Services find it easy to deal with large reputable construction companies who possess vast knowledge and resources. The Tamworth Hospital is the first joint venture between three companies.

Ultrasafe Fire Protection Services celebrates a successful history of working with Hospitals and Health Care institutions. Recent projects in this area include the Clinical Services Building at the

SANS, Westmead Millennium Institute and South Eastern Regional Hospital at Bega.

Ultrasafe Fire Protection Services are dedicated to protecting life and property from the devastation of fire. Their extensive knowledge of the fire protection industry ensures they are able to cater to projects of any size.

The main services that Ultrasafe Fire Protection provide and offer to their clients include:

- Fire Prevention Consulting
- Sprinkler Systems
- Hydrants and Hose Reels
- Residential Systems
- Drencher Systems
- Fire System Maintenance and Testing
- Fire Extinguishers
- Complete Packages
- Smoke Detection systems and installations

For more information contact Ultrasafe Fire Protection Services, Unit 28, 276-278 Victoria Street, Wetherill Park NSW 2164, phone 02 9604 9383, email craig@ultrasafefire.com.au, website www.ultrasafefire.com.au



Tamworth Hospital Redevelopment, NSW



SCRUBBING UP

Clean as a Whistle has a reputation for providing experienced domestic, commercial and industrial cleaners who specialise in large cleaning jobs for builders and developers.

Clean as a Whistle has been involved with Abigroup and Richard Crookes since the commencement of the Tamworth Hospital project and has been instrumental in providing a professional result on all work that the team completed.

The Tamworth Hospital will see a dramatic improvement to the local health system. The innovative multi-level hospital redevelopment will provide a hub for medical, surgical and other specialties in the Tamworth region.

It will see new and refurbished buildings that will accommodate inpatient and diagnostic services along with an emergency department, operating theatres, maternity, paediatric and palliative care units, medical imaging, a retail precinct and staff amenities.

Clean as a Whistle along with the assistance of Conquest Equipment, were able to acquire the perfect machines to suit the applications required for this project and were used to clean the kitchens area, site offices, pharmacy, morgue, loading, and warehouse areas. Conquest Equipment provided honest and upfront technical advice with 100% satisfaction guarantee. As a result, Clean as a Whistle purchased the Genie B and MMx52BT floor scrubbers for use at Tamworth Hospital

These products provided a fantastic result and were extremely useful by allowing the floors to dry quicker as well as enabling the area safe to walk on immediately.

Abigroup and Richard Crookes are both exceptionally professional organizations that work like clockwork to bring together materials and individuals from various areas and organize them into one synchronized group to effectively complete their assignments. Clean as a Whistle enjoyed working alongside both these companies.

For more information contact Clean as a Whistle, P.O. Box 3063, West Tamworth NSW 2340, phone 0408 659 080, email cleanasaw@hotmail.com