



CONSTRUCTION UPDATE

DURING THE month of September, significant progress has been made on the redevelopment project.

The new clinical services building is now towering high above the existing hospital, with concrete pours up to Level 7.

The tower cranes are fast disappearing behind the rising structure, and jump forms (which support pours for the lift wells) are elevated to level 10.

There are multiple active construction sites across campus, including ongoing investigative works adjacent to Appin Road, the creation of a new entry/exit at Therry Road, P1 car park works and extension works at the Cancer Therapy Centre.

The Fresh Café has been relocated to outside the Building D entrance off Parkside Crescent, complete with an al fresco dining deck.

Within the existing hospital, the old main foyer has been handed over to the builders for redevelopment, with hard demolition now in progress to prepare for the construction of the 'Hospital Street' link between the new and existing buildings.

The next departments scheduled for refurbishment works are Pathology, which will be extended to double its size, and Clinical Information. Upcoming works will also include commencement on a brand new state-of-the-art Dental department, which will be a new service at Campbelltown Hospital.

Final designs for a family support area and community hub are currently underway on Hospital Street.



FIRST GLIMPSE OF NEW ED

DIRECTOR OF EMERGENCY, Associate Professor Richard Cracknell, and his first response team recently caught a glimpse of what their significantly expanded space will look like on completion of the redevelopment project.

The area is at least double the size of the current Emergency Department (ED), with scope for additional services to be included.

The new ED will be housed on the lowest level of the new clinical services building and will feature a series of hospital first services such as state of the art resuscitation bays and dedicated emergency care wards for mental health and aged care patients.

Enhanced services include adult acute, paediatric and short stay areas.

A new medical imaging department will also be delivered, featuring enhanced CT scanning and x-ray technology.

Once delivered and operational, the expanded ED will provide for an additional 50 per cent capacity. Education and training rooms have also been built into the design.



For more information:

Visit www.campbelltownredevelopment.health.nsw.gov.au

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Email SWSLHD-CampbelltownHospitalRedevelopment@health.nsw.gov.au





MARIUM HAMNAWA, 24, is a civil engineer working on the Campbelltown Hospital redevelopment project.

She is the only female engineer on site.

Her role within CPB Contractors is to manage quality assurance and risk mitigation for the Cancer Therapy Centre (CTC) extension project, worth around \$15 million.

Marium's primary focus is on the successful delivery of the CTC program and the Linear Accelerator (LINAC), which is a machine designed to administer radiation therapy to cancer patients.

The LINAC bunker is currently under construction with proposed completion in early 2021.

The structure requires more than 100 tonnes of steel reinforcement, and more than 520 cubic metres of concrete to contain the radiation.

Once delivered, Campbelltown Hospital will offer the highest level of publicly accessed cancer therapy in the region.

The centre has already been voted the best in the state for three consecutive years.

The CTC currently sees up to 220 patients a day and manages 1,600 newly diagnosed adolescent and adult patients each year.

Ms Hamnawa said being a part of the construction team has changed her understanding of project delivery.

"It's different to what you imagine," she said. "It looks easy on paper and what you study is completely different to what you see on site."

"Being exposed to the construction site and knowing where everything fits into the program helps me to identify and mitigate risks before they become an unmanageable issue."

Ms Hamnawa said she would love to continue her career with CPB Contractors and aspires to become a site engineer.

"CPB is really supportive of women in the industry. I've never felt like my gender disadvantaged me. It's an approachable work environment and everyone is really supportive and will not hesitate to help."

"I do believe that if there were more women in the industry, the project would benefit from that perspective. Women think differently to men and can solve a problem from a different perspective."

Marium encourages more women to enter the engineering field and construction industry.

Interested aspiring engineers can apply for CPB's Graduate Engineering Program at: www.cpbcon.com.au/en/working-with-us/graduates



FUN FACT

Once complete, the CTC extension will have used 150 tonnes of steel reinforcement and 860 cubic metres of concrete.

The LINAC bunker alone contains 100 tonnes of steel reinforcement and 520 cubic metres of concrete.

This includes 1.2 metre thick reinforced concrete walls and a one metre thick roof, which includes a two metre thick primary beam radiation barrier.



LOCALLY SOURCED & SUSTAINABLE

LANDSCAPING as part of the redevelopment project covers more than 2.6 hectares within the grounds of Campbelltown Hospital.

So far, a total of 35,852 native plants and almost 500 trees have been planted.



Cumberland Plain Woodland plant species were chosen for the project, sourced from nurseries within Western Sydney and including a collection of Eucalyptus, Acacia and Melaleuca.

In addition to these plants, 19,000 square metres of the site was seeded with Cumberland Plain Woodland grass species.

Where possible, site soil has been cleaned and repurposed for use in planting, and soils and mulches brought onto the site are sustainably manufactured using recycled materials.

Rainfall onto the site is also channelled into several rainwater retention basins that then provide irrigation for the plants and trees.

Various erosion control measures have been installed to ensure water is managed throughout the site, with minimal environmental disturbance during the plant establishment period.

Plantings within the basins assist with the removal of pollutants before water passes into the water table.

Within the landscape, locally sourced Hawkesbury sandstone was used for aesthetic appeal and functionality.

Seating benches designed and manufactured in Western Sydney were also installed as part of landscaping works.



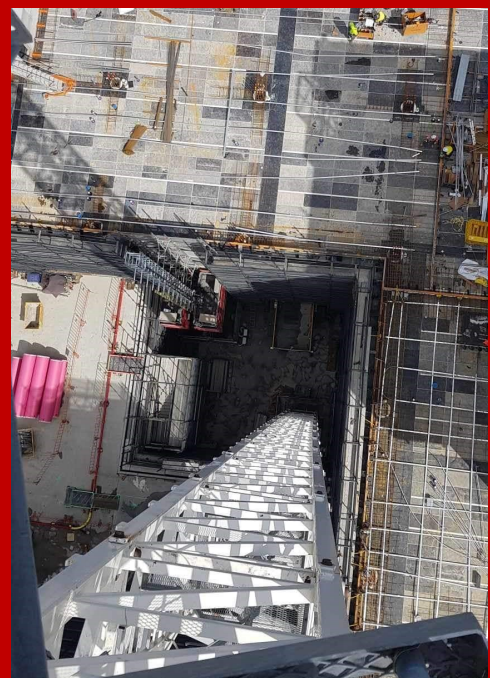
IT'S A LONG WAY DOWN!

CRANE OPERATORS working on the Campbelltown Hospital redevelopment project have a steep 250 step climb and a 10 minute journey up to their office each morning.

The view from the top, while at times can be breathtaking, is often of a daunting drop view of the construction site below.

The highest degree of safety standards are adhered to on the building site, with guardrails and an enclosed stair well ensuring safe travel to the top of each crane.

During windy weather, crane activity is shut down to ensure the safety of all workers on site.



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