

## Newsfeed No. 44

February 2023



### Features of new hospital building better equipped to respond to a pandemic

**While the initial design of the Prince of Wales Hospital Acute Services Building (ASB) was completed before the COVID-19 pandemic, lessons from the past three years meant that a revision of the hospital design was needed to better respond to future pandemic situations.**

The design now includes a range of features to support enhanced management of infection control, including negative pressure rooms and additional isolation spaces.

Modifications and adjustments have been made to the mechanical systems in the Emergency Department (ED) to reduce the potential for infection spread. This includes the addition of two negative flow resuscitation bays and negative flow capabilities within enclosed treatment spaces.

These features extend beyond the ED, with all general inpatient units throughout the new building having additional isolation room capacity.

Isolation rooms, also known as negative pressure rooms, work by having lower air pressure inside the rooms to prevent particles from flowing out into non-contaminated areas. These rooms are designed for infectious patients.

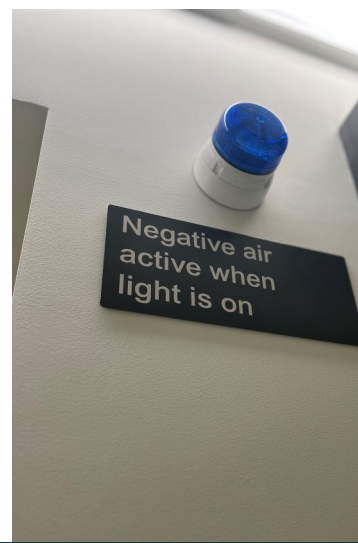
Some of the negative pressure rooms in the ASB are accompanied with anterooms. These are an airlocked zone where staff can don and doff protective clothing before entering and exiting the negative pressure spaces.

One of three pods in the new Intensive Care Unit (ICU) has the capability to transform entirely into a pandemic pod. The purpose-designed ICU pandemic pod means 100% of air will be exhausted outside the building rather than recycled through other areas.

#### Also in this edition:

- ✓ Local community go behind-the-scenes
- ✓ Staff help shape a new public artwork
- ✓ Prince of Wales Hospital gets ready to move from 27 February
- ✓ Upcoming construction in the ASB and across the redevelopment site
- ✓ Construction animation video released for the future Sydney Children's Hospital
- ✓ EOIs open for a Student & Early Career Reference Group
- ✓ Looking to the future – Randwick's big masterplan

The opening of the ASB will see improved management of infection control at Prince of Wales Hospital, thanks to new state-of-the-art technology and lessons learnt from COVID-19.



*Pictured: One of the negative pressure rooms in ED Resus*

For more information:

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## THE COUNTDOWN IS ON

### PRINCE OF WALES HOSPITAL ACUTE SERVICES BUILDING

#### Local community go behind-the-scenes as part of a Community Open Day

**Around 300 curious members of the Randwick community were given the unique opportunity to tour the ASB, as part of a Community Open Day on Thursday 9 February.**

Guided tours kicked off in the main entrance foyer, taking the public first to the new Emergency Department, followed by the Acute Aged Care inpatient unit and finishing with the Intensive Care Unit.

Throughout the tour, demonstrations by expert clinical staff helped explain the type of patient care that will take place in key areas of the hospital.



Attendees were able to learn about the updated infrastructure, new technology and new models of care. In a feedback survey, 95% of attendees agreed that the ASB will improve access to health services and quality of patient care in the local community.

The Community Open Day was an important initiative to increase public awareness of the ASB, and give local community a chance to understand more about the new building before it becomes operational.

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## THE COUNTDOWN IS ON

### PRINCE OF WALES HOSPITAL ACUTE SERVICES BUILDING

#### New artwork to reflect hospital employees' connection to nature and local coastline

**Prince of Wales Hospital staff have helped shape a new public artwork for the ASB, through a series of workshops with local artist, Richard Briggs.**

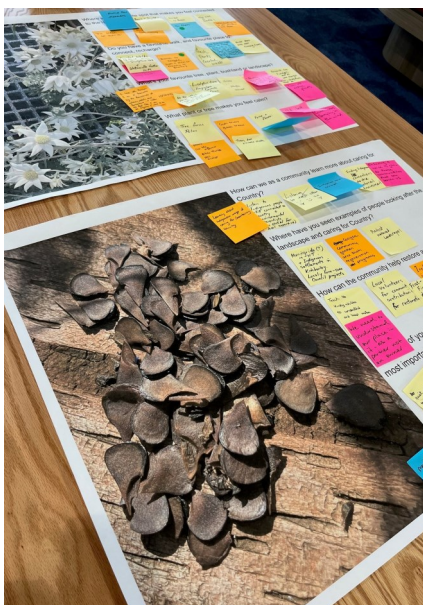
Commissioned by the Randwick Campus Redevelopment, Richard will design and install two large murals in the main entrance foyer of the new hospital building, to enhance the experience of patients, visitors and staff.

Staff from all departments and areas were given the unique opportunity to participate in Richard's design process through a series of workshops, where they were asked to share their stories and thoughts on positive aspects of the local landscape around them.

With inspiration derived from the staff, Richard's designs will celebrate the landscape of the Randwick coastline, connecting with country, place and community.



*Pictured: Commissioned artist, Richard Briggs*



"I was interested in hospital staff coming along for the journey in my artwork creation. It was so interesting to hear ideas and stories from staff about what makes the place they live or work in special," said Richard.

Richard is now busy working on an interpretation of the feedback he received, to create a framework for the artwork. His work will be drawn and painted directly onto the walls on levels B1 and 0.

Staff who were involved will be able to connect and identify with the finished artwork, knowing that in some part they helped shape the content of what will become an exciting public artwork for the new building. Richard's artwork can also be seen on levels 5 and 7 of the ASB.

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## THE COUNTDOWN IS ON

### PRINCE OF WALES HOSPITAL ACUTE SERVICES BUILDING

#### Prince of Wales Hospital staff get ready to move from 27 February 2023

**Prince of Wales Hospital services will move into the ASB over a number of weeks, with the first services moving into the new building from the week commencing 27 February 2023.**

The first clinical service to move will be the Respiratory & Infectious Diseases ward. The ED and ICU will be the final services to move, currently scheduled for April 2023.

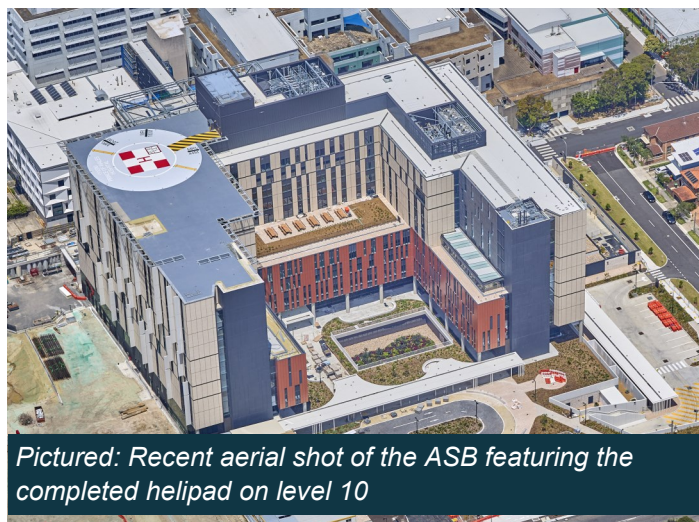
Departments that are relocating to the ASB are busy preparing for the move through a series of commissioning activities, which include:

- ✓ Undertaking real-life simulations and scenario tests in their new environment, including trialling patient journeys to understand the most efficient routes.
- ✓ Participating in move workshops with the removalists that have been booked for the move. These workshops will help teams in planning the transfer of furniture, ICT equipment, office supplies and other stores from their current locations to the ASB. Routes for these transfers as well as routes for patient transfers have been mapped out.
- ✓ Education, orientation and training for all staff who will be working in the ASB. It's important that staff are familiar with the new equipment, technology and ways of working in the new building.
- ✓ General tours for all Randwick hospitals campus staff. These are for staff who might not be working in the new building but still need to be familiar with what services are moving, and how to find their way around.

#### What's next?

Once the new building opens, some further works will continue both in the ASB and the existing campus.

- ✓ Construction will continue on level 6 of the ASB to create two new surgical wards
- ✓ Construction will progress for additional operating theatres and recovery spaces on level 1 of the ASB
- ✓ The 10-level integrated UNSW spaces on the eastern side of the ASB are being built and expected to be complete in 2024
- ✓ The Parkes building will be decommissioned from level 4 and above
- ✓ Some services not moving to the ASB will relocate within the existing campus.



*Pictured: Recent aerial shot of the ASB featuring the completed helipad on level 10*

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### PRINCE OF WALES HOSPITAL ACUTE SERVICES BUILDING

#### First helicopter lands on the ASB as part of helipad testing

**Perfect weather conditions enabled the first helicopter landing on the newly built ASB helipad, as part of an initial test flight marking another exciting milestone for the Randwick Campus Redevelopment.**

A day and night landing test was conducted to ensure the new helipad is safe for operation.

The new helipad is located above the building's operating theatres, intensive care unit and Emergency Department, with access via a priority lift to ensure patients receive treatment as quickly as possible.

It will become operational when the new Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and Health Translation Hub projects near completion in 2025.



The helipad includes one landing pad and a helicopter parking space, enabling capacity for two helicopters on the 13-storey high facility.

#### Construction news from across the redevelopment site

**A new boom gate will be installed in February at the intersection of Magill Street and Hospital Road.**

The boom gate will support improved amenity for residents and safe and efficient access to the new Emergency Department (ED).

It will allow general vehicle access to the new ED via Hospital Road between 7am and 10pm only.

Emergency vehicle access will be maintained at all hours through contact with campus security.

**A new set of traffic signals on Botany Street is now complete and will become fully operational in line with the opening of the ASB.**

The initial three-way signal phasing will be activated on Sunday 19 February, with access to the ASB driveway closed until the building opens. The traffic signals will support safe pedestrian and vehicle access to both the Randwick Hospitals Campus and the UNSW Kensington Campus

**Just to the north of the ASB, main works construction has commenced on the new Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre.**

Alongside works on the site, the project team continues to consult with hospital staff to finalise the interior design, architecture and service design elements of the new building.

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## Watch how the new Sydney Children's Hospital will evolve

A [construction animation](#) for the Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre provides a peek at how the building will evolve over the next couple of years.

The animation highlights the complexity and various stages of construction of the new building, which is now in the delivery phase and will soon start emerging from the ground.

The new hospital is being built to the north of the Acute Services Building and is expected to be completed in 2025.

For a closer look inside the building, [check out this animated fly-through video](#).

### Did you know?

Planning and design for the building commenced in 2019 and the project marked the completion of detailed design in late 2021.

The Environmental Impact Statement was publicly exhibited in mid-2021 and improvements to the design were incorporated in response to agency and community submissions. The Department of Planning, Industry and Environment provided planning consent for the project in December 2021.

While the design process for interior spaces continues with input from staff, patients and families, as of early 2023 the project is now in the delivery phase, with main works construction underway on site.



Sydney Children's Hospital Stage 1 and  
Children's Comprehensive Cancer Centre



Health  
Infrastructure

**JOHN  
HOLLAND**

This animation illustrates the SCH-S1 & CCCC design for tender submission. It is based on artists impressions and will receive further development during detailed design. Please refer to the design reports and drawings for confirmation of the SCH-S1 & CCCC tender design.

▶ 0:00 / 3:19

01-12-2022



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## Share your ideas and shape the future of our new Randwick Health & Innovation Precinct

**Expressions of interest are now open for the Precinct's Student and Early Career Reference Group. This group plays a key role in sharing ideas and giving feedback about the Randwick Campus Redevelopment, and how the Precinct will work once the construction is complete.**

As part of the Precinct's governance structure, the group ensures students and early career professionals play an appropriate and meaningful advisory role in how education opportunities and student needs are incorporated into all relevant aspects of planning the Randwick Campus Redevelopment and the Randwick Health & Innovation Precinct (RHIP).

The RHIP is looking for students and early career professionals who bring a range of experience and opinions. Areas of contribution could include:

- ✓ Project planning and the design process
- ✓ The physical and aesthetic nature of facilities
- ✓ Operational functionality and service delivery
- ✓ Training and education – how will you learn at the Precinct?
- ✓ Accessibility
- ✓ Use of green space, sustainability, community, transport, wayfinding and retail space.

The Group members will see real-world outcomes that incorporate their ideas and will gain insight into translational education, clinical research, infrastructure and precinct planning.

Members provide leadership, connection, coordination and support to strengthen student experience and education opportunities, and the overall user experience across the Precinct.

In return, members will gain real-world experience, meet a broad range of community leaders and contributions will be acknowledged with letters of reference.

The Student and Early Career Reference Group is a great experience for anyone interested in improving health, education, innovation and technology, project planning, construction, built design, art and culture.

Your ideas will help shape the future of Randwick Health & Innovation Precinct.

[Find out more and express your interest by 15 March.](#)





## The masterplan behind the Randwick Health Campus



**As construction continues across the Randwick Health & Innovation Precinct, a newly released masterplan proposes a range of ideas and improvements to help guide the long-term evolution of the precinct.**

Following the completion of the first stage of significant redevelopments, including Prince of Wales Hospital's Acute Services Building, Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and the UNSW Health Translation Hub, there will be a focus on refurbishing existing spaces and creating new clinical and public areas to transform the delivery of healthcare, education and research.

The masterplan for Randwick considers the precinct's future to 2045. Details within the masterplan have revealed major focus areas, including:

- ✓ The refurbishment of the existing Sydney Children's Hospital, Randwick and Prince of Wales Hospital.
- ✓ Re-positioning the Royal Hospital for Women next door to the Sydney Children's Hospital Stage 1. This creates a unique opportunity for a women's and children's health and wellbeing precinct.
- ✓ An ambulatory and community health zone along Avoca Street and Nurses Drive.

- ✓ Creation of a Mental Health and Research precinct with proximity to Prince of Wales Hospital acute and emergency services.

The proposed projects are dependent on funding, and additional projects will be rolled out progressively as clinical needs are confirmed as part of the long-term planning.

"Over the next two decades, the Randwick precinct will transform into an even greater health campus," said Brooke Griffin, Executive Director, Randwick Health & Innovation Precinct.

**"Our masterplan provides us with a robust blueprint to guide the renewal of older spaces, to integrate this precinct with neighbouring projects, and to enhance the natural environment."**

Brooke Griffin, Executive Director,  
Randwick Health & Innovation Precinct

"However, managing the evolution of a health precinct is incredibly challenging. Precincts must constantly respond and evolve to growth pressures, contextual issues and new trends."

The masterplan has been developed collaboratively by precinct founding partners, Health Infrastructure NSW, South Eastern Sydney Local Health District and Sydney Children's Hospitals Network, and in close consultation with UNSW Sydney.

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