



7 July 2023

**Ethan Turton**  
**Price Waterhouse Cooper**  
One International Towers  
Watermans Quay  
Barangaroo, NSW, 2000

**Re: Westmead Stage 3 Refurbishment – Theatres 9 – 16 Variation works Design Statement**

Dear Ethan,

The Westmead Stage 3 Refurbishment project was tendered by NSW Health Infrastructure in December 2019 and awarded to HDR in 6 March 2020.

The project was made up of the following components:

- Package 1:
  - Schematic Design through to Construction Services for Milestone 1 Ambulatory Care
  - Schematic Design through to Construction Services for Milestone 2 Operating Theatres
  - Feasibility Design through to Construction Services for Milestone 3 Dermatology
- Package 2
  - Design Development through to Construction Services for Milestone 4 Cystic Fibrosis and Respiratory
- Package 3
  - Design Development through to Construction Services for Milestone 5 Cardiology and Neurosurgery

Package 1 works were located within the existing Building G on levels 1 and 2. Package 2 is in Building A and D on level 5. The package 3 was the fitout of the recently completed CASB building shelled area on level 10 and 11.

All the refurbishment work did not include any external façade work and the interior design was based upon the recently completed CASB Building and the Stage 1 and 2 refurbishment work.

The total area of the refurbishment works amounted to 11,000 sqm.

The Refurbishment of Package 1 Milestone 2 Operating Theatres included the Theatres 1 – 8, 24 bed PACU Unit, Male and Female Staff Change Rooms and the Anaesthetic Department offices. The area sits within the Restricted secure zone of the existing hospital to ensure appropriate infection control. All staff working in the area require to be changed into Surgical gowns.

The expanded scope of refurbishment which includes Theatres 9 – 16 amounts to approximately 1,500sqm and the documentation produced as a variation to the current scope and developed packages.



The following dots points are REF Submission elements to be responded to:

- *Demonstrate how good outcomes are achieved*
- *Need for the proposal and project objectives*
- *Options explored*
- *Placemaking & design*
- *Connecting with Country*
- *Sustainability.*
- *Crime Prevention through Environmental Design Principles (CEPTED)*

#### Demonstrate how good outcomes are achieved

After the experience on the refurbishment of the theatres 1 – 8, where the existing walls remained in-situ, the theatres 9 – 16 we viewed in a very different light. With minimal ceiling space, new technologies and standards around planning and services design, the decision to remove the existing walls and plan the unit with a clean slate resolved many issues. Greater future flexibility, correcting the flows of staff and mechanical design to current best practice vastly improved the working of the theatres. The theatre sizes are to current Australasian Health Facility Guideline requirements, unlike the Theatres 1 – 8.

Hence, the Outcome for the Theatres 9 – 16 are vastly improved to Theatres 1 – 8 and are in line with the recently completed CASB Theatres, in size and service provision.

#### Need for the proposal and project objectives

The Stage 3 Refurbishment project is the last staged development of the existing Westmead Hospital as part of the new Clinical Services Building (CASB) that was delivered in 2019. Clinical Services that relocated to the CASB enable the vacated spaces to be back filled with expanding and new clinical services.

Project/precinct objectives include:

- A workable, livable and accessible health city
- Focus on integrated healthcare, teaching, and research
- Promotes patient, carer and staff wellbeing and community engagement
- Attracts staff, students, residents, researches and visitors from all over the world.

#### Options explored

The location of the existing theatres were never going to be moved away from the critical mass of infrastructure required to deliver the service. Hence, there were no options developed around the location of the refurbished theatres. However, options were developed in relation the theatre and support room layouts that was presented to the Users and signed off and approved.

#### Placemaking and Design

Bring a refurbishment the project is interior design exercise, that borrowed from the work that was developed and delivered in the original Package 1 Milestone 2 Scope.

#### Connecting with Country

The Refurbishment project did not formally go through a Connecting with Country consultation and design. However, the main CASB Building redevelopment that underpinned the whole Westmead Hospital Redevelopment did go through a consultation process that resulted in designing an Cultural Gathering Place in the forecourt of the new CASB Building that provides the connection with country design outcome. The Design won the 2021 AILA Award of Excellence – Health + Education Landscape.

#### Sustainability

The limited sustainability elements incorporated into the design primarily relates to the building services provision and the material and product selections.

Compliance to NCC Part J was limited due to the nature of the project being a refurbishment, dealing with existing systems and facades and enclosing structures. The limited elements the team worked to was approved by the Peer reviewer, Steensen Varming.

#### Crime Prevention through Environmental Design Principles (CPTED)

The project did not specifically deal with the CPTED design principles. Having said that the project team certainly designed the facility with security integrally part of the design process. The Theatres are a restricted secure zone requiring all staff to change and gown to access the workspace in the theatres. General public will be limited to parents of paediatric patients, or possibly an expectant father with a partner having a caesarean section. Otherwise, the unit is fully secured with the appropriate security CCTV at the external entry points. All other doors to adjoining departments will be access controlled with proximity cards that will be programmed to allow access to Staff designated to the Theatres.

Yours sincerely,



**D. Joe Mihaljevic**  
Director