

Our Place | Ahu Taumatua

THE REDEVELOPMENT OF PALMERSTON NORTH HOSPITAL

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ACHIEVEMENTS

- MAPU/EDOA facility – Stage 1 completed on schedule
- SPIRE stage 1 taking shape
- Buildability review of Acute Mental Health Unit completed



MAPU & EDOA foundation complete and steel portal frame being erected.



Scaffolding in place for roof access to the Clinical Services Block for installation of air conditioning plant for the new theatres.



Rooms framing within SPIRE stage 1 going up.

WHAKATAUKĪ

Hauhake tū, ka tō Matariki

This whakataukī is reference to this time of the year when Matariki (Pleiades) cluster has set on the horizon and is not seen again until it rises again during the moon phase in Pipiri (June–July period). This is a time of reflection and giving thanks for what has been received over the past year as we then begin to look toward the future and the potential that the new year will bring.

“Our Place” keeps you informed of the strategic projects, interim solutions and the supporting infrastructure work being progressed to ensure Palmerston North Hospital is able to meet current and future demand.

Strategic

- Acute Services Block
- Reconfiguration of Clinical Services Block
- Mental Health Acute Facility
- Regional Cancer Facilities

Interim

- SPIRE Project (Surgical and Peri-operative Capacity)
- ED and Acute Assessment Capacity (ED, EDOA & MAPU)
- ICU and Acute Care Capacity

InfraStructure

- Electrical, heating, ventilation
- Three waters
- Medical gases
- Fire systems
- Thermal and emergency generation systems

MAPU/EDOA

The shape of the new facility is becoming visible as the framing goes up.

The foundation for this new facility was completed on 6 May and included 270 square metres of concrete and on 1,300 cubic metres of engineered fill.

The batch of steel frames was delivered on site on 9 May and are now being erected, with the use of a crane due to their weight - 28 tonnes in total. Work is also being done on the ramp which will connect this facility to the main hospital back corridor.

Going unseen is a lot of work being done on the stormwater grid and pipework to bring services, such as data and power, into the building.

Over the next month, more steel framing will be erected, creating the EDOA and service areas of the Unit. We will also see roof and wall panelling going up.



Foundations finished and steel framing arrives on site.



The new MAPU unit takes shape.

SPIRE

Stage 1 (Gastroenterology, Day of Surgery Admissions, Recovery and Staff area) - the first fix of services is underway throughout this area, with electrical/data cable trays, duct work, fire sprinklers being installed. Batt insulation in the ceiling is also underway, and pipework to bring heating and cooling up from the basement is being installed.

Internal walls are being erected and the rooms are beginning to take shape.

Up on the roof above the Clinical Services Block, work to establish the plant room is about to commence. Scaffolding is in place to enable the team to access this area and work on the site. Over coming weeks, heavy material will be craned in, requiring intermittent shut down of a small portion of the main hospital back corridor. This will be supported by health and safety measures, and communication with all services who will be potentially impacted.



Work to install services throughout the ceiling space progressing well.



Access to the roof installed so the roof-top plant room can be built.



The new room layout starts to take shape as walls are being erected.

ACUTE MENTAL HEALTH UNIT

The detailed design of this Unit has started. This is the final stage of the design process and documents everything to the detail required to enable construction firms to price the cost of building the Unit. If all goes to plan, the detailed design will be completed in September.



COVID-19 has significantly changed the construction sector and the supply chain. This has necessitated the need to look at how we procure and sequence the work involved. An independent buildability review was undertaken and the recommendations will now be incorporated into the programme. This includes going to market for the supply of the main timber package required for the construction. This tender will be advertised this month.

ACUTE SERVICES BLOCK/ RE-LIFING OF CLINICAL SERVICES BLOCK

The design of any clinical area must reflect and support the services to be delivered and the model of care. An updated clinical services plan and model of care for Palmerston North Hospital will be required, but first up work on a regional clinical services plan has started. The scope and approach for this work will be finalised by the regional Chief Executives in early June. More on this in future editions.

BEHIND THE SCENES

Oxygen Project

Over the next few months trenches will be dug at the southern end of the campus as pipework to laid to take oxygen from the new bulk storage tank into the hospital. The tank itself is expected to arrive on site June/July.



The oxygen ring main plan shows the pipework to be installed over coming months.

COVID – Rapid Hospital Improvement Programme

This large programme of work continues. The design of purpose-built air purification systems for Emergency Department, Acute Mental Health Unit, the Women’s and Child Unit, the Dental Unit and the Physiotherapy block has been completed. Major equipment involved and detailed in the design will now be ordered.

Systems are now being designed for the MRI unit and the CT area.

Concepts for how air handling can be managed at Horowhenua Health Centre are being developed.

For more information on our capital projects at the hospital go to our new website www.projects.mdhb.health.nz or by scanning the QR code.



Questions, feedback, thoughts – send them to ourplace@midcentraldhb.govt.nz