

# Temporary Inpatient Facility Liverpool Street Forecourt Fast Facts

The Royal Hobart Hospital (RHH) Liverpool Street forecourt will be the temporary location for a new 54-bed capacity inpatient facility.



*Architects image of the temporary facility, courtesy of Lyons.*

## What health services will it provide?

The temporary inpatient facility will accommodate medicine and mental health patients across two storeys.

Mental health services will occupy the first level of the facility and will share the second level with general medicine.

It will be connect to C-Block on levels two and three.

## How was the facility designed?

The RHH Redevelopment architects, Lyons, oversighted the design of the facility. They worked closely with user groups from the Royal Hobart Hospital.

## How is it constructed?

The temporary facility is constructed from pre-fabricated modules placed on a supporting steel structure.

The steel structure and stairwells were assembled on site between January and February 2016.

The 64 pre-fabricated modules were constructed offsite to reduce disruption to the hospital.

Pre-fabricated buildings are increasingly being used as a long-term solution for health facilities and as a decanting option during refurbishment and new construction projects.

As the modules have been completed, they have been transported to Macquarie Point ready for installation.



*Modules under construction.*

The modules are built from structural steel, insulated polystyrene floor panels, light weight framing and traditional internal and external linings (colourbond cladding, plasterboard, internal linings). They have been fitted with traditional hospital services such as medical gases.



*Modular design - Mental health facility at Mitcham Private Hospital*

### How are the modules installed?

Installation will occur between 5 am, Saturday, 27 February 2016 and 11 pm, Sunday, 6 March 2016.

Each of the 64 modules will be delivered on semi-trailers which will be reversed onto the site. A 450 tonne crane with a 100 metre boom will move the modules into position.

To ensure public safety, Liverpool Street between Argyle and Campbell Streets will be closed during installation. There will also be lane closures around the Campbell and Liverpool Street intersection.

Some disruption from noise and vibration can also be expected during installation.

### How large is the facility?

The overall dimension of the facility is approximately 61 x 25.5 metres excluding the fire stairs.

The size of the modules varies but the majority are approximately 12.8 x 4.2 metres.

The supporting structure has 150 tonne of pre-fabricated steel.



*Prototype of staff area, image provided courtesy of Lyons*

### Background

To build the new ten-storey inpatient building called K-Block, hospital services within B-Block are being relocated so the building can be demolished.

The temporary Liverpool Street forecourt facility will allow key acute services to remain on site during the construction.

The \$689 million RHH Redevelopment project will deliver a contemporary health facility for generations of Tasmanians to come.

### For More Information

[www.rhhredevelopment.tas.gov.au](http://www.rhhredevelopment.tas.gov.au)