

# Covid Facility at Jubilee Hospital

Hammanskraal, Tshwane Metro, South Africa

## PROJECT TYPE: Covid 300 bed hospital ward

### CLIENT:

Gauteng Department of Health

### CONSULTANTS:

Osmond Lang Architects & Planners

### PROJECT DURATION:

5 Months

### DATE OF PROJECT:

June 2020

### PROJECT DESCRIPTION:

The facility comprises five 25-bed intensive care unit (ICU) modules – complete with a two-bed isolation ward – and five 35-bed high care modules. A modular approach was chosen so that units could be completed and put into operation while others were still being constructed, if the need arose.

The brief from the implementing agent – the Gauteng Department of Infrastructure Development – called for alternative construction materials to reduce the timeframe of the project.

After considering different options, Concor decided on Futurecon's light frame steel with prefabricated panels. To assist in the fast-tracking of the process, the panels were cladded on site and were quickly followed by roof truss installation. This opened up the opportunity to get the services installed much earlier than would have been possible using conventional brick-and-mortar methods.

The project schedule was maintained from earthworks stage despite encountering poor ground conditions, groundwater, existing buildings and large boulders in some areas of the site. Various underground services also had to be located and rerouted before the raft slabs could be cast.

The ICU and high care modules each consist of two separate wings with a central nurse's station, sluice and ablutions, with central utility areas for offices, storage areas and waiting area.

