



Adult Mental Health Unit

Llandough Hospital Cardiff

This new hospital is located on the Llandough Hospital campus near Cardiff. The inpatient accommodation provided consists of 135 single bed en-suite rooms, across 10 wards of between 10 and 15 rooms. The layout allows for flexible boundaries between adjacent wards whilst maintaining gender privacy, dignity and security. The hospital has an Intensive Care Unit adjacent to treatment wards, also assessment, treatment and recovery wards, and low secure assessment and rehabilitation wards. Also there is a Neuropsychiatry Inpatient Unit with specialist facilities to support clients with acquired brain injuries, dedicated addiction inpatient unit, therapy services, and clinical and non-clinical support services.

With the Client, and our fellow design consultants, we have, from the outset, sought to develop a sustainable and “energy efficient design strategy” as a core element in our design process. We worked towards BREEAM “Excellent” ensuring the issues of sustainability, passive

energy saving measures and opportunities for the user renewable energy sources were fully embedded.

This new facility is predominantly two storey's in height, and ‘steps down’ the slope of the site allowing the addition of a partial second floor and a partial under storey for non patient facilities. The layout incorporates a progression through the scheme via a public access concourse entrance through increasing levels of privacy, security and quietness.

The AMHU is located as close as practicable to the existing UH Llandough facilities to allow convenient access to other clinical services and to reinforce the ethos that mental health services are a complementary and integrated service within the district general hospital.

The project was delivered in a fully collaborative Level 2 BIM environment with our model data being used by the main envelope subcontractor in their off-site manufacturing processes.



facts and figures

Project Title	Adult Mental Health Unit Llandough
Client	Cardiff and Vale University Health Board
Programme	Completed Spring 2016
Budget	£90m
Awards	Vale of Glamorgan Council Building Excellence Award 2017 for Best Public Service Building