



St Georges Park, Mental Health Hospital, Morpeth

THE TASK

As part of a multi-discipline team, TPS were appointed by the Contractor to design the M&E services for a major new 211-bed mental health hospital in Morpeth, with full support facilities providing 18,500m² of total accommodation. Clinical accommodation included the full range of mental health facilities.

THE DESIGN

The main constraints were a tight programme and budget. The introduction of prefabricated bedroom en-suite facilities helped to reduce site construction time. TPS also assisted by revising the design to suit final equipment selections, which assisted with cost control. Roof void plant rooms and service routes for the majority of services were chosen to ensure better maintenance access and minimise future disruptions.

THE SERVICE

TPS provided a full M&E design service from concept to practical completion. To achieve the tight design program, TPS Edinburgh utilized M&E design teams from auxiliary TPS offices with final coordination achieved by the Edinburgh office. A co-operative approach and constant liaison between all design team members and the Contractor was essential.

THE RESULT

The new facilities benefit from a domestic style ligature free environment, with each patient provided with a single en-suite bedroom.

PROJECT PROFILE



CLIENT

Robertson Construction \ Northumberland Mental Health NHS Trust

PROJECT VALUE

£25m

PROJECT TYPE

Healthcare – New Build

SERVICES

M&E Engineering

START DATE

September 2005

COMPLETION DATE

April 2006

ARCHITECT

Ryders