



SECTOR : **HEALTHCARE**

LYMINGTON HOSPITAL, NEW FOREST, HAMPSHIRE

RBC was a valued member of the design and build team to create this £30 million state-of-the-art Community Hospital for Hampshire Primary Care Trust. The project was a Private Finance Initiative constructed on a sensitive site, bordering a Site of Special Scientific Interest and the Lymington River.

PROJECT DETAILS

The hospital consists of two and three-storey buildings providing approximately 12,000msq of floor space. The facility incorporates Diagnostic Treatment Centre, Emergency Assessment Unit and Minor Injuries Unit areas, two operating theatres, two endoscopy suites, imaging suites and an audiology suite. The hospital has 104 bed spaces with a large proportion being single rooms with en-suite facilities, spread over rehabilitation, surgical, medical and birthing wards.

The key developer was Ryhurst Ltd, with the main contractor Rydon Construction working with architects Murphy Philipps, structural engineers Upton McGougan and service engineers Hurly Palmer Flatt.

“The completed hospital is an outstanding building which the Trust and the whole community can be really proud of. It is an example of how excellent teamwork can really add value and help deliver exceptional results.”

Simon Moore, Director, Rydon Construction

KEY ISSUE

The specialist requirements of a healthcare building demand a different approach to the provision of means of escape from the guidance given in Approved Document B1. Important issues surrounding accessibility and sustainability also had to be addressed.

OUR SOLUTION

RBC worked collectively with stakeholders using NHS Estates HTM Codes to design a strategy of progressive horizontal evacuation combined with management procedures to facilitate the escape of bedridden occupants or those with restricted mobility. Our collaborative approach was essential to allow for a flexible solution that serves the lifetime of the building, from the planning stage right through to everyday management.

A fire engineered solution was incorporated into the open plan design and assessed by RBC as an innovative method of providing an attractive atrium whilst meeting occupant safety. The building incorporates a variety of measures collectively agreed to ensure accessibility for all patients and visitors including wheelchair users, people with restricted mobility or other disabilities.

RBC was consulted on the levels of thermal insulation used in the construction of the building's fabric and efficient plant, heating and lighting systems to ensure an effective use of fuel and power helping to reduce environmental impact.

Find out more : www.rbcltd.co.uk

SECTOR EXPERIENCE : HEALTHCARE

RBC is a leading UK Building Regulations Approved Inspector with a superb track record within the healthcare sector. The prestige and diversity of projects we have worked on is testament to our first-class knowledge, experience and pro-active approach.

PROJECT	DESCRIPTION	BACKGROUND
Stepping Hill Hospital, Stockport	The scheme involved a three-storey extension to the Cardiology and Surgical Unit. The facilities are a vital part of the hospital complex and had to be delivered on time.	The building was constructed using a prefabricated modular system, delivered to site and craned into position, that achieved the major objective of reducing construction time.
Wandsworth Acute Unit, Springfield University Hospital, Tooting, London	The project was for an 18-bed acute ward and 10-bed psychiatric intensive care unit with community team bases and outpatient facilities.	Designed and built for South West London and St George's Mental Health NHS Trust, the development won Best Project Team of the Year at the Building Better Healthcare Awards and achieved Highly Commended in Best Mental Health Design. It was built by Integrated Health Projects, a partnership between Sir Robert McAlpine and Norwest Holst.
Charnwood Health Centre, Leicester	The new £12.8 million Charnwood Health Centre caters for up to 50,000 patients and provides a range of health services. The centre was built as part of a public-private partnership and leased to the NHS.	The centre is part of a 25-year plan to improve health services through Leicester Local Improvement Finance Trust (LIFT). Leicester LIFT is owned by Primary Plus Ltd, a venture between John Laing and the Bank of Scotland, and Leicester City Primary Care Trust with Partnerships for Health.
Abergele Hospital, Children and Adolescent Mental Health Service Unit, Abergele, North Wales	The purpose-built hospital provides a 24-hour, seven-day service, with a 14-bed treatment ward and a five-bed emergency and high-dependency ward.	The £13.7 million Assembly Government-funded project was built by Laing O'Rourke and designed by architects Design Büro. It was developed and managed by Abertawe Bro Morgannwg NHS Trust with services by Cwm Taf NHS Trust.
Malvern Community Hospital, Malvern, Worcester	The Department of Health and HM Treasury approved £17.7 million of capital funding in 2007 to construct a brand new 24-bed community hospital in Malvern.	Approved by West Midlands Strategic Health Authority, the state-of-the-art hospital is for NHS Worcestershire built by its construction partner, Interserve.
Crystal Centre, Broomfield Hospital, Chelmsford, Essex	A high-profile project to build a £13 million unit for older adults with mental health issues. The specialist centre houses two 17-bed inpatient wards and 30 day places.	The Crystal Centre is North Essex Partnership NHS Foundation Trust's biggest investment to date. The facility was constructed by regional contractor, Kier Eastern, under the ProCure 21 NHS procurement scheme.
Fareham Community Hospital, Sarisbury, Hampshire	The hospital was designed to fit the landscape and ease accessibility. The layout is based on a curved entrance loggia, feeding directly into departmental circulation routes.	The project was completed by NHS Hampshire in partnership with Solent Community Solutions Ltd under the NHS LIFT scheme. It will comply with modern energy efficiency standards using biomass boilers to reduce carbon emissions.

CONTACT US AT RBC

Chris Edden
 Director
 M. 07790 613393
 E. chris.edden@rbcltd.co.uk

Stephen Bates
 Business Development Manager
 M. 07971 315244
 E. stephen.bates@rbcltd.co.uk

