

# UK's greenest healthcare building

## Foleshill Health Centre, Coventry

**Client:** CHP and NHS Coventry and Rugby Clinical Commissioning Group



**The Foleshill Health Centre building in Coventry is the first healthcare building in the UK to be built to international Passivhaus standards. The new 620m<sup>2</sup> building, due to complete in May 2021, will house a GP practice, five consulting rooms and two treatment rooms, serving an area of Coventry with high health needs.**

The £3.3 million project is a partnership between CHP and NHS Coventry and Rugby Clinical Commissioning Group (CCG), with **gbpartnerships**, (via Arden Estate Partnerships) providing development management services from the project's inception.

The centre will be the UK's greenest healthcare building and is also quick to construct. The foundations were laid out, including all underground utilities, concrete poured, and the modular units placed onsite within 10 days in December.

CHP chose the Passivhaus design approach for its environmental benefits, health benefits and low running costs. It is anticipated that the annual utilities running costs for Foleshill will be approximately a third of the cost of a traditional build, giving significant savings over the lifetime of the building.

The modules have been manufactured by Portakabin at its specialist facility in York before being transported to site, installed, and assembled.

Portakabin is the market leader in modular construction and has specially adapted its modular building system to meet the Passivhaus standards.

### **What we delivered:**

**gbpartnerships** have provided development management services leading on the development, procurement, and construction management of the project from inception through to completion and operation.

Passivhaus is very demanding and **gbpartnerships** has been delighted to contribute and combine our local knowledge and operational expertise from our existing portfolio to ensure the project is a success.

### **The end result:**

At a time when COVID-19 is dominating the news, this building will have a ventilation system that delivers air clean enough for an operating theatre to the whole of the building and all of the supplied air is fresh and filtered.

The Foleshill building also avoids fossil fuel consumption on site, with heating provided by an air source heat pump instead of gas boilers. There will also be charging points for electric cars and secure cycle parking to encourage cycling. Photo voltaic (solar) panels on the roof generate renewable energy to be used in the building.