



mcavoy

How a modular rental solution was used to rapidly deliver ward space for University Hospitals Birmingham NHS Foundation Trust

About us

- Offsite manufacturing specialists for over 50 years
- Volumetric modular turnkey solutions for temporary and permanent requirements
- Work with sectors including healthcare, education, commercial and pharma across UK & Ireland
- 70,000sq ft manufacturing facility
- Focus on delivering high-quality, adaptable solutions

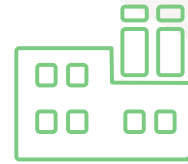


Our Values

Precise
Responsible
Inspiring



Capability



3 Hectare site



Inhouse design team



Significant manufacturing capacity



Award winning solutions



Exceptional customer experience



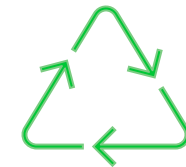
Full turnkey solutions



Digital technologies



Certified building systems



Reusability & recyclability

Our solutions

Our modular space solutions can be used to meet temporary or permanent needs.



Permanent

We bring expert design, manufacturing and project delivery skills together to create bespoke, permanent solutions. We work with customers, from concept to completion, and beyond.

Modular Rental & Sale

We have a range of temporary solutions available for rental and sale. We can deliver adaptable and sustainable solutions to our customers in as little as one day.



Case study: University Hospitals Birmingham
NHS Foundation Trust

The requirement

Due to rising patient numbers and the ongoing impact of Covid 19, the Trust had a requirement for two 48 beds wards at Good Hope Hospital and Heartlands Hospital.





The solution



McAvoy worked collaboratively with the Trust to design and configure its SmartCare[®] modular solution to make the best use of the available space on both sites, as well as accommodating link corridors to existing buildings.



Range of configurations and site location options were presented to the Trust. Versatility and flexibility of solution ensured they were able to choose an option that worked best for patient flow.

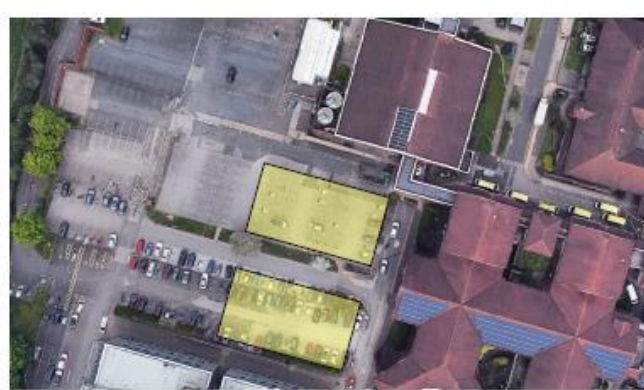


SmartCare



Site Extract A

1:500



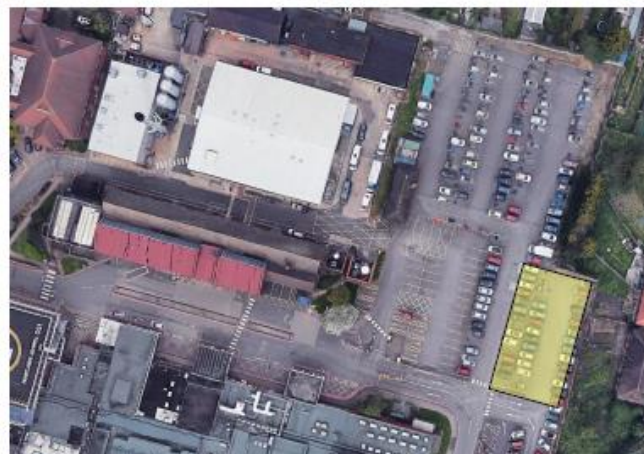
Site Extract B

1:500



Site Extract C

1:500



Site Extract D

1:500



Site Extract E

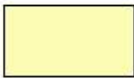


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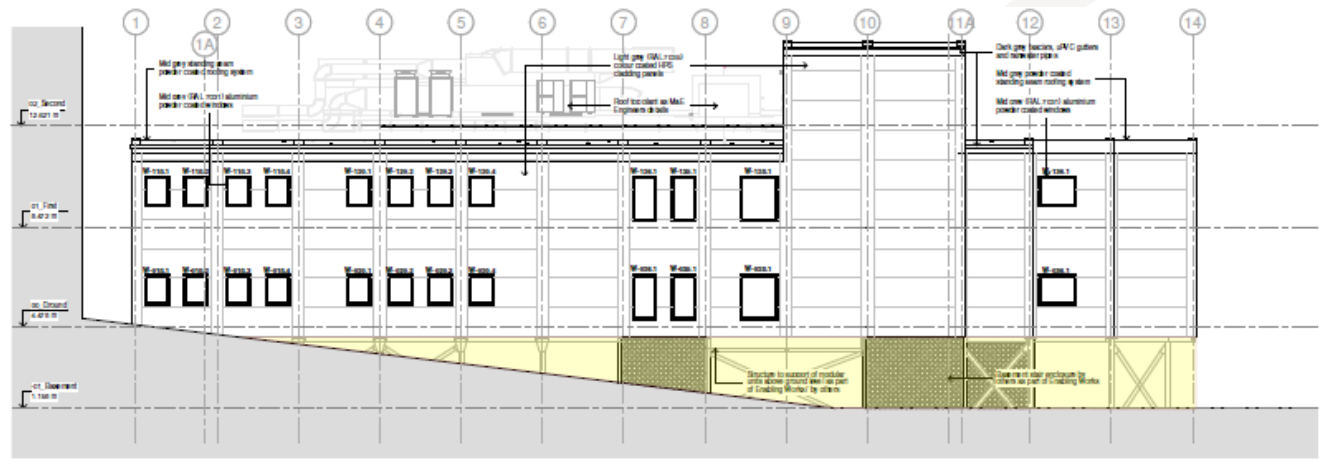
Overall Site Plan

6

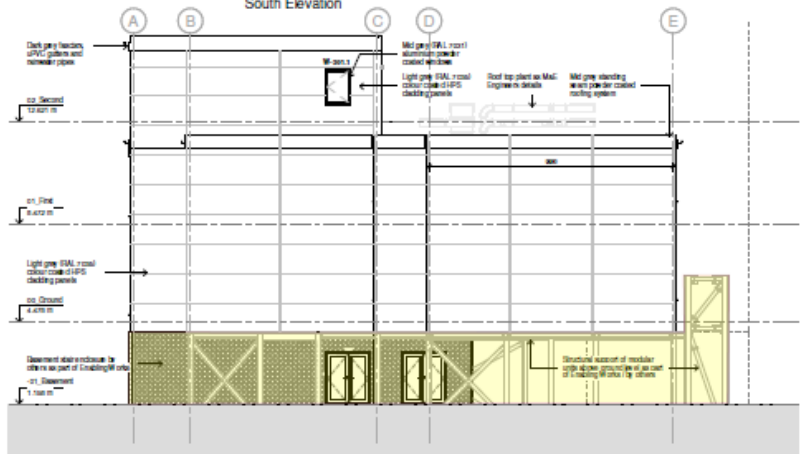
Building Key

	20 Bed Ward
	16 Bed Ward
	8 Bed Ward

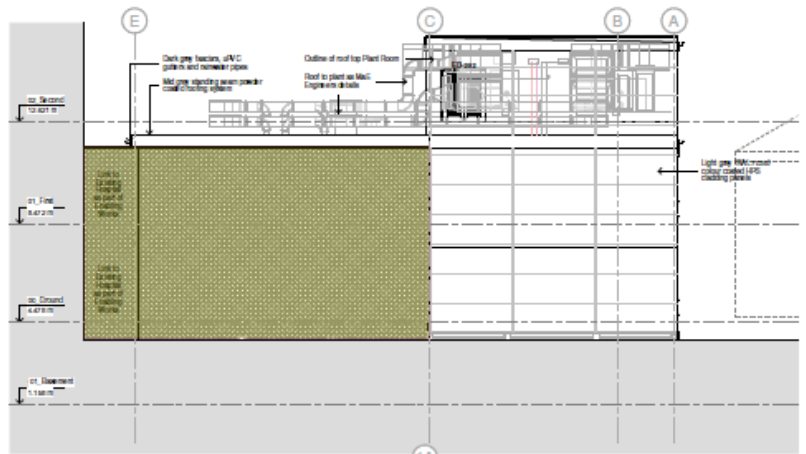
Indicative site locations



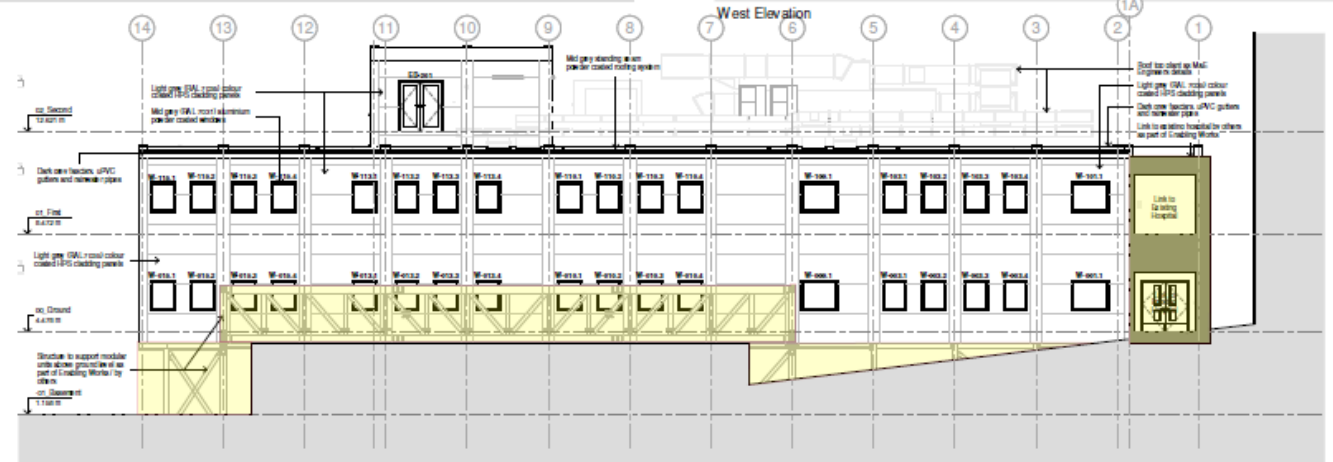
South Elevation



East Elevation

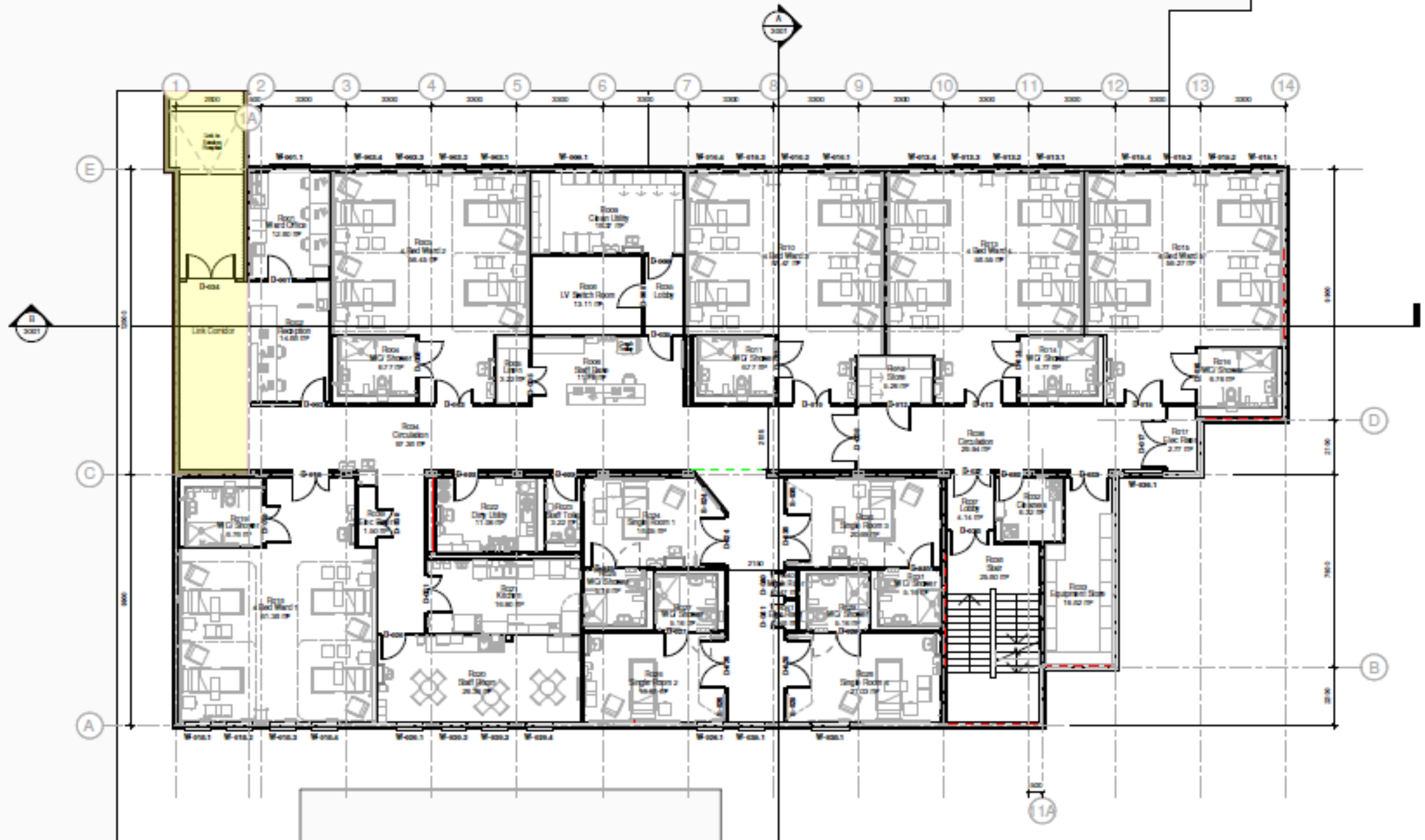


West Elevation



Existing building

Existing building



Procurement options

Short-term rental

Long-term rental

Purchase

- Avoided significant capital expenditure
- 10-year managed service agreement
- Accommodation model allows for future relocation/repurposing if required

The result

Due to proximity to the A&E department, module deliveries were scheduled at night to avoid impacting the blue route. This ensured minimal disruption during the delivery and installation phase.

Good Hope Hospital

- 48 bed ward linked to main hospital
- Delivered in **14 weeks***

Heartlands Hospital

- 48-bed ward linked to main hospital
- Delivered in **18 weeks***

* From delivery of first module



WINNER
Healthcare Project
of the Year
Offsite Awards

“

A modular solution was the right choice for us due to the need for additional ward space at both Good Hope Hospital and Heartlands Hospital. The projects were delivered on time with minimal disruption which was vital to us as the wards were being installed in a live hospital environment.

Richard Truman, Estates Development Manager,
University Hospitals Birmingham NHS Foundation Trust

24-bed ward on each floor



Nurses' station



Staff rooms



Reception areas



Clean and dirty utilities



Ancillary areas



Accessible facilities



The framework perspective

“The NHS Shared Business Services Modular Buildings Framework was created to provide NHS Trusts with the options they need to offer effective patient care. The delivery of two 48 bed wards to the University Hospitals Birmingham NHS Foundation Trust by McAvoy is an example of that being put into practice.

The SmartCare[®] rental service that McAvoy have provided to the Trust allows for both stability over a 10-year period, as well as the flexibility to relocate or repurpose the accommodation over that timeframe. At a time of rising energy prices when the NHS is also looking to meet its ambitious carbon reduction targets, the air tightness levels, and energy enhancements being offered by the modular builds represent significant value”



John Cunningham

Principal Category Manager
NHS Shared Business Services





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