

# Healthcare



**BOWER  
FULLER**

Engineering Services  
for Buildings



**Role:** M&E Contractor

**Main Contractor:** Barnes Construction

**Client:** Addenbrookes University  
Hospital (NHS Foundation Trust)

**M & E Consultant:** WSP

**Architect:** LSI Architects

**M & E Value:** £1.1M

## Addenbrookes Hospital: Ward C5

Following a fast track programme and stringent fire prevention enhancements, Ward C5 at Addenbrookes Hospital has been completely refurbished to primarily provide a new dialysis ward. Renal services at Addenbrookes delivers treatment and support for adult patients with all forms of kidney disease and for patients requiring dialysis or transplantation in and around Cambridgeshire.

This part of the hospital has been advancing a continual improvement programme for their wards to upgrade both the fire compartmentation and redistribution of services. The original build concept within the hospital was for the M&E services to rise in various places throughout the floor plate and distribute to the smaller areas of the wards. However, this made isolation for small areas of work and for major refurbishments very challenging as it isolated the wards above and below each of the spaces. The concept now is to have one central riser and for the services to serve each ward separately from one set of mains over the two wings and nine floors.

The new acute dialysis 34 bed C5 ward is served by new reverse osmosis plant and ring main. Our scope included replacing the existing domestic water services, heating, and above ground drainage installations. The facilities have also benefitted from new electrical installations throughout including lighting, fire alarm, access control and other specialist packages.

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