

Brockfield House Carehome

Duration: 5 Months
Location: Stanwick
Contract £: £63,000

Project:

This project followed several site meetings and started almost immediately. This involved the extension to the existing Brockfield House Care Home. This included electrical installations, access controls and testing and commissioning.

Installation Information:

- Mains distribution
- Lighting and Emergency Lighting
- Small Power
- Fire Alarm System
- Door Access Control
- Nurse call
- Radio and TV Distribution
- Mechanical Controls



Working in a Specialist Nursing Home was challenging due to the nature of the surroundings, however all problems were overcome. This particular care home specialises in Alzheimer and Dementia care. It was important to work around its patients, whilst progressing to complete on time and within budget. As it included four elements, our Contracts manager had to liaise with all contractors to work towards the finish of the project. Our own Health and Safety manager was employed within this project, ensuring that all of our high standards were met, he ensured that Risk assessments through to Method statements and safe working practices were adhered to.

A complete lighting installation was provided throughout the new extension with manual switching for the bedrooms and en-suite bathrooms, whilst automatic presence detectors are employed for the corridors switching OFF the lights after a pre-set period - all lamps were provided as warm white(3500K).

Final circuit wiring was carried out using LSF type twin and earth cables routed through the ceiling voids and protected by capping. The wiring accessories used were flush mounted MK Logic Plus.

Self-contained emergency light fittings provide lighting to the escape routes as required by BS 5266 and EN1838, with the Luminaires being rated for a 3-hour duration. We provided maintained Emergency EXIT signs to illuminate the final exits of the building, we also provided one Test key switch per circuit feeding emergency lights, adjacent to the relevant distribution board - these facilitate the testing procedure of the emergency lighting scheme.

Door access controls are provided to the doors, in most cases the control of the door is by a fob reader in both directions with the exception of the doors leading onto the stairs - in this instance a push button is located on the stair side of the door. In regards to the ground floor doors, the relevant control panels are located in one central location, the plant room. Here we have associated power supplies and fire alarm relays. The locking of the doors is via magnetic locks.

The team worked closely with the client to ensure that the installation was not and intrusive one.



...Did you know?

T James' engineers worked out of hours to accommodate residents and to cause minimal disruption.

