

Brooklands Gardens.

Project: Multi Phase
Location: Market Harborough
Contract £: £500,000+

Overview:

Over the 2 phases of this project, T James Electrical acted as the Electrical Contractor for Borras Construction.

This complete refurbishment to an existing 50 bedroom site has seen the development turn into a 60 bedroom, state of the art, independent living accommodation with lighter, accessible facilities to help encourage active living

Installation Information:

- Mains distribution to communal and residential areas
- Lighting - communal, residential, external and emergency
- Small Power to communal, residential and mechanical
- Fire Alarm to communal areas and local detection to residential units
- CCTV system installation
- Digital and Sky distribution to dwellings for the communal lounge areas including DAB radio signals.
- Data WIFI fixed cabling system, local fixed cabling to Staff Areas.
- Structured telephone cabling and final outlets to residential areas, Lift System and Door Access Control.



Our work included:

Mains & Sub Distribution:

Residential Units fed by a direct service intake & Incoming electrical supply feeds a main MCCB.

Communal distribution:

- A Ground Floor TP+N Distribution Board
- First floor SP+N Distribution Board
- Second floor SP+N Distribution Board
- Mechanical heating system with electrical supply
- Lift Motor Distribution Board
- Laundry & communal leisure area supplied from local D/B.

Wiring Installation:

Low Smoke & Fume Steel Wired Armoured Muticore Cable was used for Sub mains, Lighting, Small Power and Lift Motor Distribution.

Small Power:

All communal corridors and circulation sockets are key switched; landlords controlled and are provided for staff and cleaners only

Security:

Door Access link was provided by Ace Fire and Security, the link interfaces with the main security system supplied by others together with a CCTV system.

Fire Alarm:

Heat, Smoke and Optical sensors were installed in the Kitchen, Bedroom and Lounge areas of the dwellings. Heat sensors have been provided within the corridors.

TV System:

TV systems were installed site wide and provide digital, Sky+ HD and Freeview signals. This system was installed by RJM TV Systems and comprised of a split system of dish and aerials.

Phone/ Data:

Future Networks installed the phone systems and has Distribution from mains intake cupboards to each house with intake connection blocks to each residential store cupboard. Wifi node connections were also installed as per client's requests.

