



Northampton School for Girls

Duration: 6 Months
Location: Northampton
Contract: £70,500.00

Project:
 To provide electrical and design services for a refurbishment of an existing fitness suite at Northampton School for Girls.



A complete refurbishment of the school's fitness suite was carried out and T James provided electrical, lighting and design work which lasted for just over 6 months.

The lighting circuits for the building were wired from distribution boards DB-FS in single core LSZH insulated cables, which are protected by MCB's or RCBO's. Ceiling mounted luminaires were also installed and have final connections to the lamp holders with heat resistant cables which connect to the lighting supply via control modules.

The fitness suite lighting is provided by recessed modular IP44 rated 400k slim profile LED luminaires with opal acrylic diffusers which were installed in the 600x600mm lay in grid. The lights are controlled by retractive manual switches and daylight detectors.

All lighting provided and installed by T James electrical meet the requirements of BS5266.

Security, accessibility and fire alarms were a very high priority to the school; with this in mind we fitted an analogue addressable fire alarm system that serves the whole building and is networked to the schools system. As an added security measure the existing Intruder alarm system have been replaced by ADT Fire and Security.

The work involved stripping out the existing system within the fitness suite, reusing and re-cabling the device to operate as a zone in the main school alarm system.


Door access control CCTV was installed and commissioned by Ace Fire & Security.

Our engineers installed disabled toilet alarms using a 2 wire "stand alone" alarm that conforms to the requirements of the current building regulations document M and Equality Act 2010.

Throughout the fitness suite small power circuits have been installed, these are feeding BS1363 outlets and are protected by individual 30Ma RCBO's.

All of the final circuits that our electricians fitted were wired from the distribution board in single core LSZH insulated cabling contained in galvanised steel trunking and PVC conduits.

VITM6-S




Starter Dimming Module

Order Code	Description
VITM6-S	Starter Dimming Module with 4 outputs. Power Rating of system 16A (at 230VAC). Rating of each output 10A (at 230VAC).

Dimensions



EBDSPIR



Ceiling Mounted FIR Presence Detector

Order Code	Description
VITM6-EBDSPIR-DD	Direct Dim presence/absence detector DSI/DALI. Supplied with 3 metre lead.

...Did you know?

Our electricians used over 1,400 screws and 1,000 washers!

