



I.E.D.
Installations
Limited

Committed
to Service

PHOENIX HOUSE NHS STORAGE FACILITY

- Project Value: £2.8 million
- Project Type: Electrical Upgrade
- Project Aim: Warehouse Upgrade
- Project Completion: May 2023

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Working alongside the Building Consultant ACR and NHS Phoenix House IED were responsible for the Electrical Design, Installation, and commissioning of our electrical systems.

The electrical containment system had to be coordinated at 17m and symmetrically set out inline with the conveyor lanes and Racking, whilst developing an energy efficient and smart lighting system that would react to the environment and its uses in terms of lighting control to ensure the system was none maintainable due to the access limitation, yet it can be controlled from the floor to make a necessary change if required.

The installation of the new low carbon technology is expected to reduce the energy costs hoping to see significant changes with permanent annual savings, subject to future energy unit cost increases.

Our Installation programme was a 36 Week turn round with the project delivered on time May 2023.

IED worked alongside the Principal Design team to carry out the Load Assessments for the building to assist with the design and coordination and to achieve the maximum carbon efficiency to the Storage Centre this in turn impacted on the systems below:-

- Electrical & Emergency Smart Lighting LED System
- AHU Installation
- New Compactor Installation
- General Small Power
- Knapp Conveyor systems
- New Cat 6 Data System and internal Wi-Fi
- New Main Panel Extension up to 1 MVA
- Site Coordination with All Other Trades

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