



**McKee**  
Associates

Multi-disciplined building  
services design consultancy.

**Education.**  
**Healthcare.**

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**McKee Associates.** A creative MEP Studio encompassing Mechanical, Electrical, Public Health, Sustainability and 3D Revit designs amongst other attributes held by our engineers in all sectors.

Having started the practice 2010 after being trained at some of the biggest MEP practices, the director has gone on to enforce the experience, ethos, knowledge to make McKee Associates the brand it is today.

Our team are successfully delivering commercial value to our clients and our schemes across the UK and throughout Europe and assist in the delivery of developments, meeting clients expectations and environmental requirements throughout our designs.



### **Our approach.**

**We listen** to the requirements of the clients and the teams to obtain a full understanding of developments.

**We think** of the values we can add to the projects and the technologies available to embrace that will benefit developments both in the short term and long term.

**We sketch & model** what our thoughts and capabilities are for the requirements of the buildings and the operation of the businesses within.

**We deliver** with a vast understanding and proven track record, we deliver the MEP packages with the attention to detail we have been synonymous with over the years.





## CASE STUDY 1



**Company.** University of Nottingham - Sutton Bonington Campus

**Sector.** Education

**Services include.** High Voltage Electrical Design. Low Voltage & Communication Design. General & Emergency Lighting Design. Fire Alarm & Life Safety System Design.

**Project overview.** An existing, well aged and over capacity 11kV university electrical network upgrade for the full Sutton Bonington campus of the University of Nottingham.

McKee Associates were tasked with transforming an existing unused three-storey agricultural mill building into a new 11kV Network Substation, new 11kV Private University Substation as well as an upper level 415V Substation while causing minimum disruption / downtime on the university network.

Our design responsibilities included full 11kV & 415V design including grading study of the entire existing site 11kV network.



University of  
Nottingham



## CASE STUDY 2



## INSTITUTES OF TECHNOLOGY



**Company.** Institute of Technology Colleges - Cheshire

**Sector.** Education

**Services include.** Renewable, Low Carbon & Sustainable Design. Part L Compliance & Thermal Energy Modelling. SAP / SBEM / BREEAM / MEP. Heating, Cooling & Ventilation Design.

**Project overview.** Cheshire and Warrington College has been selected by the Department for Education (DfE) and Institute of Technology (IoT) to lead on a highly prestigious project between employers and colleges that will see a great level of investment within the region.

The IoT initiative is part of a wider government plan to equip young people with the technical skills they need in priority areas, such as advanced manufacturing, digital and cyber security, health and life sciences, agri-tech, construction, science and maths, which will also benefit local employers. Investment is set to be spread across four sites including Crewe, Reaseheath, Macclesfield & Winsford.

McKee Associates were appointed to provide full MEP designs from Stage 2 to Stage 4 with an overseeing role through to completion. There is a large emphasis on these schemes to deliver on low carbon solutions for each space.



## CASE STUDY 3



**Company.** Gama Healthcare - Halifax

**Sector.** Healthcare

**Services include.** High Voltage Electrical Design. Low Voltage & Communication Design. General & Emergency Lighting Design. Heating, Cooling & Ventilation Design. Public Health Design.

**Project overview.** Gama Healthcare is a Halifax based Pharmaceutical site built in 2018 and further expanded in 2021 to allow for increased growth.

The facility is a made up of labourites, offices and communal workspaces used for the development and testing of new theatre grade sanitation chemicals.

The building extension works were carried out during normal building operation during a pandemic.

Our design responsibilities included the full mechanical, electrical and public health services for the development.



**gama**  
healthcare

## CASE STUDY 4



# NHS



**Company.** Mulberry House - Wythenshawe, Manchester

**Sector.** Healthcare

**Services include.** Security & Access Control Design. Heating, Cooling & Ventilation Design. Building Management & Controls System Design. Hot & Cold Water Generation & Distribution.

**Project overview.** McKee Associates were appointed to undertake a fast track refurbishment of an existing office and undertake bespoke designs to enable the NHS to transform the office into a development for training and housing particular office based staff.

The facility is a made up of offices, teaching class rooms and communal workspaces used for the development.

The building extension works were carried out during normal building operation during a pandemic.

Our design responsibilities included the full mechanical, electrical and public health services for the development.



**Our success is based on extensive experience.**

We interpret project specific requirements, then conceptually design, create and resolve how all elements align with sensitivities specific to the environment, delivering the best possible project outcomes for all involved.

We are proud to also highlight that beyond practical completion our services are retained on numerous projects to further develop and expand facilities for years after.



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**Core services include.**

- 01 High Voltage Electrical Design
- 02 Low Voltage & Communications Design
- 03 General & Emergency Lighting Design
- 04 Fire Alarm & Life Safety System Design
- 05 Security & Access Control Design
- 06 Heating, Cooling & Ventilation Design
- 07 Building Management & Controls System Design
- 08 Hot & Cold Water Generation & Distribution
- 09 Specialist Steam & Compressed Air Systems
- 10 Public Health Design
- 11 Utility Infrastructure Design & Co-ordination
- 12 Renewable, Low Carbon & Sustainable Design
- 13 Revit, BIM & 3D Design
- 14 Building, Due Diligence & Pre-Acquisition Surveys
- 15 Part L Compliance & Thermal Energy Modelling
- 16 SAP / SBEM / BREEAM / MEP
- 17 MEP Cost Consultancy



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**McKee**  
Associates



Greater Manchester  
Chamber of Commerce  
*Connect. Communicate. Create.*

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