



McKee
Associates

Multi-disciplined building
services design consultancy.

**Listed Buildings.
Residential.**

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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. Min Y Don - Isle of Anglesey

Sector. Residential

Services include. Part L Compliance & Thermal Energy Modelling. SAP / SBEM / BREEAM / MEP. Revit, BIM & 3D Design. Utility Infrastructure Design & Co-ordination. Public Health Design.

Project overview. Located on the Menai Strait on the Isle of Anglesey, two new build apartment blocks totalling 20 Welsh homes.

The two apartment blocks featured shared gardens, parking, access, and services.

McKee Associates were appointed to provide full mechanical, electrical and public health service designs including utilities co-ordination, sprinkler design and sitewide external security and lighting.

Apartments were finished to a high standard throughout with an emphasis on a low carbon rental market. A thermal model study was undertaken to mitigate the effects of overheating within the residences.

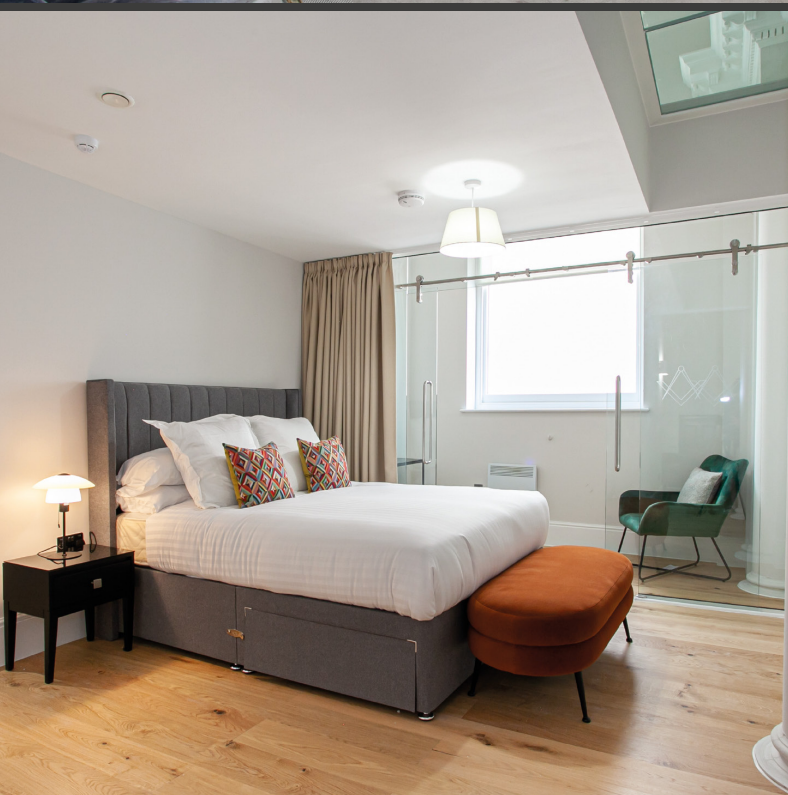


**HURSTWOOD
HOLDINGS**

CASE STUDY 2

W.A.L.D.O.R.F.E.
HOUSE





Company. Waldorf House - Manchester

Sector. Listed Building / Residential

Services include. Renewable, Low Carbon & Sustainable Design. Revit, BIM & 3D Design. Part L Compliance & Thermal Energy Modelling. SAP / SBEM / BREEAM / MEP.

Project overview. A Grade II listed Masonic Hall converted into high end apartments in Manchester city centre, a building dating back to 1863.

This was a challenging scheme with limited routes and opportunity to services these new high-end apartments with the much needed heating and ventilation with minimal service penetrations.

Listed façades, internal walls, ceilings made scheme very unique with continuous challenges and design alterations.

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

CASE STUDY 3



Ministry
of Defence



Company. Bury Castle Armoury

Sector. Listed Building

Services include. Building Condition, Due Diligence, Pre-Acquisition Surveys.

Project overview. Following a long period of neglect, McKee Associates were appointed to carry out a condition survey of the Bury Castle Armoury a Grade II Listed building sited on top of the original Bury Castle site.

The building was built in the 1800's and is located within Bury town centre. The building is made with a castle façade with internal perimeter first floor walkways, offices, storerooms, garages, bars, and social spaces.

The purpose of the condition survey carried out was to identify the investment required to bring the internal space up to current standards.

Condition reports are carried out to BCIS standards to costings broken down between 1 - 10 years.

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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