



Frederick Thomas

ELECTRICAL & MAINTENANCE LTD

LEISURE

GLEBE HOUSE - GLOUCESTERSHIRE



Frederick Thomas Electrical & Maintenance Ltd. successfully won the tender for this fast track contract for the installation of electrical services in a new-build art gallery for White Cube in London's fashionable West End.

The installation of all equipment was subject to stringent Architectural requirements to achieve the desired aesthetics and was undertaken with our sister company Frederick Thomas (Building Services) who were awarded the mechanical installation to create a joint M&E venture.

The galleries, offices and service areas were arranged over six floors including a roof terrace, lower ground and basement levels being located in a mews off Piccadilly, London.

Functional and emergency lighting was installed throughout with the galleries in particular being illuminated with scene-setting 0-10V analogue dimmable fluorescent and dimmable spot lighting, set using Lutron control equipment. Non-dimmable spot lighting was also utilised.

An analogue addressable fire detection/voice alarm system complete with Redcare monitoring was installed throughout.

Other services installed include CCTV, access control, intruder alarm, data and automatic smoke ventilation window opening





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The Electrical Installation included:

- New Transformer and 200A 3 phase supply (by EDF)
- 100A 3phase stand-by supply with manual changeover
- 25A 3phase essential services (smoke extract) stand-by supply with auto-changeover.
- Mains
- Sub-mains
- Switchgear
- Distribution boards
- Containment & cabling
- Small power.
- Functional and Emergency lighting.
- Scene setting (Lutron controlled) dimmable lighting.
- Analogue addressable fire detection/voice alarm system
- CCTV
- Access Control
- Intruder alarm Redcare monitoring
- Data Wiring
- Automatic smoke vent window opening
- Testing & Certification to NICEIC Requirements



- Client:** White Cube Galleries
- Architect:** MRJ Rundell & Associates Ltd.
- Consultant:** Freeman Beesley
- Main Contractor:** Cosmur Special Projects Ltd
- Project Manager:** Malcolm Reading & Associates Ltd.

REGISTERED MEMBER



Frederick Thomas Electrical & Maintenance Ltd



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