

GIFFORD

MECHANICAL AND ELECTRICAL ENGINEERING SERVICES for HISTORIC BUILDINGS

Gifford and Partners Ltd is a multi-disciplinary consulting engineering practice which was established in 1951. Building services expertise was introduced in 1982 and a wide range of skills and experience has been developed on work in the private and the public sectors covering domestic, institutional, commercial and cultural uses for historic buildings.



▲ Hatchlands Park

We have been involved in integrating modern services with historic fabric for some fifteen years and the problems of service voids and aesthetics are well understood. The conflict between comfort heating, conservation and environmental control is acknowledged and this has been resolved successfully for many historic properties.

Our engineers have a genuine interest in the preservation of historic fabric and the concept of repair rather than replacement is supported. We aim always to integrate modern services with minimal intervention and no loss of fabric.

Specialist advice can be provided on environmental control and monitoring, rewiring historic luminaires and apparatus and on the particular problems of heating historic churches.



UPPARK

Project: Complete repair following the tragic fire of 1989.

Dutch in inspiration, probably designed by William Talman, the construction of Uppark commenced in about 1690. The structure is simple with two brick storeys raised on a low basement surmounted by a steeply pitched roof in which there is an attic; its virtue lies in its calculated simplicity.

PLAS MAWR

Project: Complete repair and consolidation of the building is being undertaken over a three year period. Gifford and Partners are appointed to replace all mechanical and electrical services.

Plas Mawr is considered to be the best preserved Elizabethan Town House in Britain. It was constructed over a period of about 20 years and acquired by Robert Wynn in 1570. It was rebuilt during the period 1576 to 1585 to create the Plas Mawr we see today.



BORDEN WOOD HOUSE

Project: Condition survey, option studies and repair and improvement to the mechanical and electrical services.

The house dates from the early 18th century.

PHILIPPS HOUSE

Project: Complete replacement of all electrical services and improvements to the heating and environmental control system.

Philipps House is of neo-Grecian design by Wyattville and was completed in 1816.



(Front Cover) **HATCHLANDS PARK**

Project: Quinquennial condition survey and option studies for environmental control, implementation of recommendations for electrical services, fire alarm, lightning protection and environmental control.

Hatchlands Park was built in 1756-60 by Admiral Edward Boscawen (1711-1761) and provided Robert Adam with his first commission in a country house in England. Adam's plaster work is the chief glory of the house.

WEST WYCOMBE HOUSE

Project: Quinquennial condition survey, full test and inspection and production of record drawings for electrical installations.

The original house was completed by about 1715 and various additions carried out throughout the 1700's. The west portico was completed in about 1771.



BOXGROVE PRIORY

Project: Option studies for heating, energy and environmental control, implementation of environmental monitoring and design of replacement heating system.

Boxgrove Priory dates from the 12th century and replaced a church dating from before the Norman Conquest. The tower and transepts date from about 1120 and work was carried out to represent the Transitional style of about 1170. A glorious example of early English architecture is evident in the present nave which was constructed in about 1220.

IGHTHAM MOTE

Project: Complete replacement of all mechanical and electrical services on a phased basis over a ten year programme.

Ightham Mote is one of the loveliest and most interesting of the mediaeval and Tudor moated manor houses to survive in England. Originally constructed in 1340, building continued throughout the 15th, 16th and 17th centuries. A major refurbishment and modernisation programme was completed in 1890.

