

GUNNERSBURY PARK ORANGERY

PROJECT: Gunnersbury Park Orangery

CLIENT: Quinn London

SCOPE OF PROJECT: To remove existing roof glazing over orangery and replace with bespoke modern replica to enhance performance and longevity

PRODUCTS: em.glaze lantern light and monopitch glazing



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before



after

Stunning glass architecture brought back to its former glory in breath-taking restoration

THE CHALLENGE

From wide-open fields to woodlands, glittering ponds to elegant buildings and formal gardens, Gunnersbury Park's 186 acres is a sight to behold. Gunnersbury Park's historic buildings and beautiful grounds have been brought back to life, thanks to a multi-million pound restoration programme that involved restoring heritage features and key buildings. As part of the project the stunning orangery underwent a painstaking replacement of its breath-taking rooflight and roof glazing.

THE SOLUTION

Replacing rooflights in heritage or listed buildings requires experience and attention to detail. The lead architects for the project were looking to work with a company who could advise and work with them on the best solution. A challenging project from every angle, the planning and design of the solution was far more in-depth than simply considering appropriate products. Being a historic landmark, the rooflight replacement needed to match the existing very closely. As the architects did not want to involve multiple contractors, being able to project manage and design a suitable solution was essential for success. The existing structure was in bad repair and very careful consideration of all elements was required.

THE RESULT

We undertook multiple sites visits to establish exact dimensions, design requirements and key deciding factors. Attending meetings on site involving all parties ensured that all stakeholders were kept in the loop and involved in critical decision making. Dedicating significant pre-planning ensured we delivered a proposal that met the clients' requirements. Working in very detailed stages, the existing steelwork was removed and placed in storage (to be later sandblasted and powder coated to match new rooflight frames). The replacement orangery rooflight structure included a top lantern light and monopitch sloped glazing to four sides. Using a specifically designed Heritage Ogee glazing bar, the design perfectly matched that of the original roof glazing installation. Further stages involved the re-erection of the steelwork and installation of the glazing frames. The end result has brought the Sydney Smirke designed stunning glass architecture back to its former

THE BENEFITS

- Electric opening sections provide comfort ventilation functionality
- Specifically designed Heritage Ogee glazing bar ensures the design matches that of a historic rooflight

