

WORKING WITH EXISTING BUILDINGS
at
JOHN MCASLAN + PARTNERS

**Our portfolio of old into new goes back
30 years to the origins of the practice**

- why? - We believe in celebrating what exists because of social value, contribution to place, the inherent flexibility and adaptability of existing buildings, both ordinary and special, and for ecological reasons.

WORKING WITH EXISTING BUILDINGS

REPURPOSING



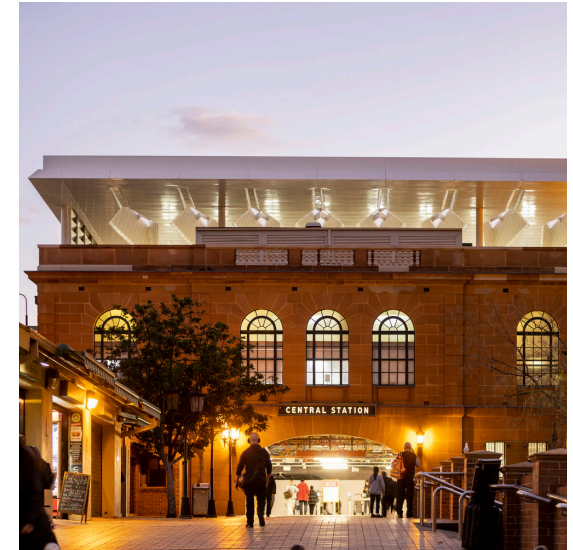
- REDUNDANT BUILDING
- NEW FUNCTION
- MINIMAL CHANGE

REPAIR AND RENEWAL



- HISTORICALLY IMPORTANT BUILDING
- NO / MINOR CHANGE TO FUNCTION
- CONSERVATION OF BUILDING FABRIC

OLD INTO NEW



- HISTORICALLY IMPORTANT BUILDING
- MAJOR CHANGE / MODERNISATION TO FUNCTION
- BOLD NEW INTERVENTIONS

WHY OLD INTO NEW?

CONSERVATION OF HISTORIC BUILDINGS

- LISTED BUILDINGS AND BUILDINGS OF GREAT CULTURAL VALUE MUST BE RETAINED AND REPAIRED
- OUR CONSERVATION SPECIALISM MEANS WE ARE ABLE TO REPAIR BUILDINGS TO A HIGH QUALITY

RETENTION OF EMBODIED CARBON

- IMPACT ON PLANET MUST BE MINIMISED
- USE OF VAST BUILDING STOCK
- OUR SUSTAINABILITY SPECIALISM ALLOWS US TO ASSESS THE IMPACT OF OUR DESIGNS

A SPRINGBOARD FOR GREAT DESIGN

- OUR STRENGTH IS COMBINING CLEAN MODERN DESIGN WITH HIGH QUALITY CONSERVATION
- THE RIGHT BALANCE OF CARE WITH CHANGE
- PLACEMAKING (CONTINUITY WITH THE PAST)



REPURPOSING



Colebrooke Place



Stanislavsky Factory



Msheireb Museums



Msheireb Museums

REPAIR AND RENEWAL

SAVING, EXTENDING AND REPRESENTING



SOAS Library



De La Warr Pavilion



Friends House



78-82 Deragate



78-82 Deragate



Polk County Science Building

OLD INTO NEW

TRANSFORMING



Sydney Central Station - Before



Sydney Central Station - After



Dorset Square - After



Dorset Square - Before



King's Cross Station - Before

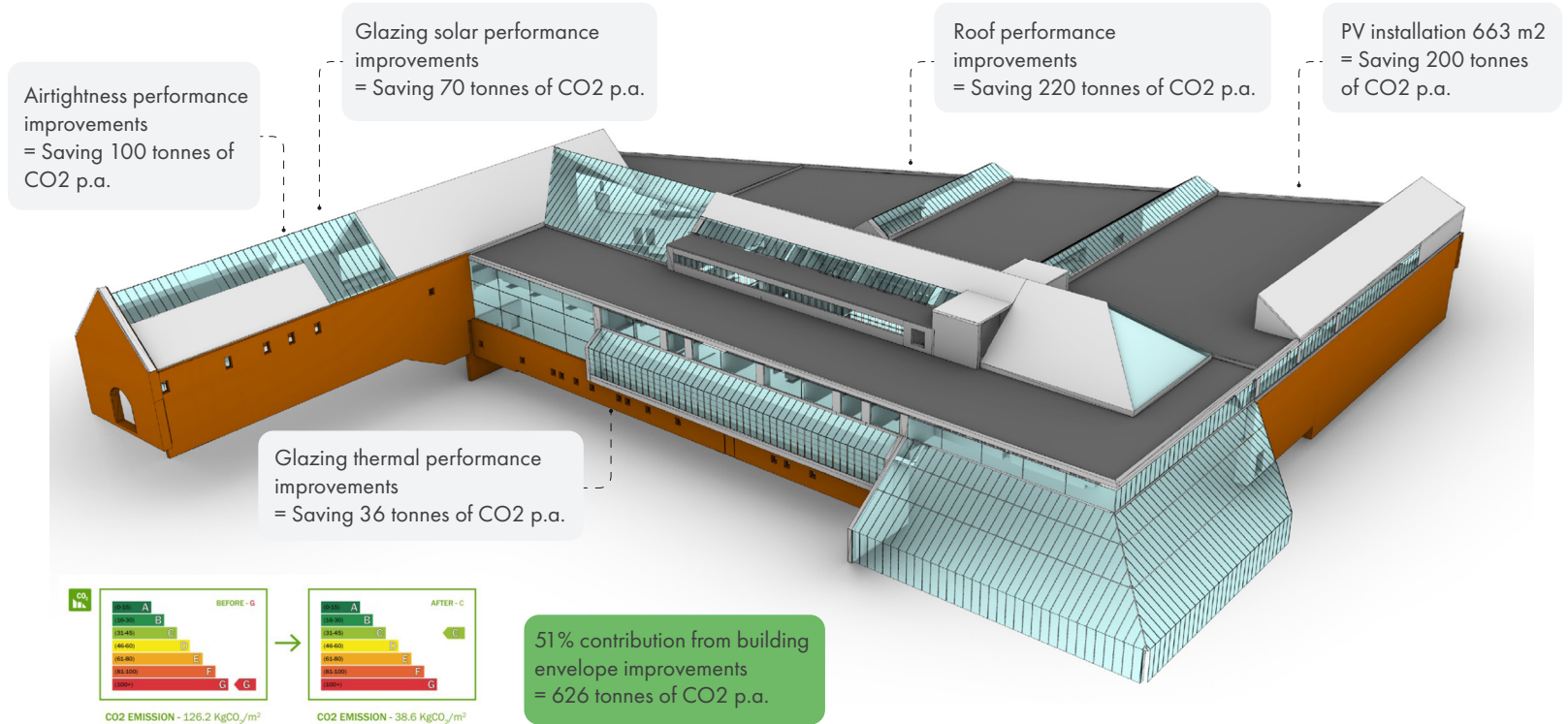


King's Cross Station - After

BURRELL - SUSTAINABILITY CASE STUDY



The renewal project has led the way in sustainable museum design, with the Burrell being the first refurbished museum in the UK to achieve BREEAM Excellent, a significant achievement for a Category-A listed building. Through innovative design with engineer Atelier Ten and façade consultant Arup, the Burrell was adapted focusing on a 'Fabric First' approach, saving 626 tonnes of CO2 per annum, equivalent to 51% savings, by improving weathertightness, reduced energy demand and better environmental controls. Crucially, these sustainability goals were met whilst also increasing the atmospheric stability required for artefacts and enhancing the architecture, safeguarding both the heritage and future of the institution in one. Furthermore, a majority of existing materials were recycled or reused, including reuse of aluminium glazing frames which saved over 8.5 tonnes of aluminium.



BURRELL - SUSTAINABILITY CASE STUDY



Through The Burrell Renaissance Project, we have delivered a building whose original design – nearly half a century old – remains largely unchanged and in keeping with its original design intent yet is now completely revitalised, significantly more accessible, and is once again a museum fit for its exemplary collection.



- John McAslan, Founder of John McAslan + Partners

BEFORE -----> AFTER

An inherently failing roof caused leakages, resulting in considerable damage and safety risk. This was replaced with a new flat roof and refurbished pitched roofs. New photovoltaics were also introduced to the flat roof areas over the galleries to further secure the sustainable future of the building.



AFTER <-----



BEFORE



Low tech glazing allowed large variations in temperature and light levels, which hampered the ability to display fragile items in the collection. Lack of daylight control exposed visitors and artworks to large quantities of sunlight, with blinds used in an attempt to mitigate this. New glazing drastically reduces solar gain, protecting the collection and improving thermal performance.