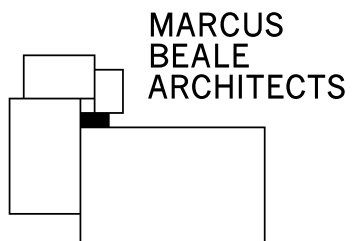




Education

Portfolio of Experience



www.marcus-beale.com



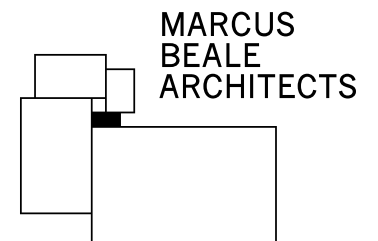
Marcus Beale Architects

MBA deliver successful and imaginative solutions for sensitive buildings and sites, applying principles of conservation, sustainability and listening to create new, lively environments over a wide range of building types, energy efficient and popular in use. Established in 1991 the practice specialises in difficult sites including inner city areas, Grade I Listed buildings and landscapes, Conservation Areas, Scheduled Ancient Monuments and Areas of Outstanding Natural Beauty. Built results are project-specific, well researched and sustainable. We have a particular interest in acoustics and the audible experience of space.

Services include: master planning, conservation and management plans, the design and construction of theatres, teaching spaces for sciences and arts, lecture theatres, libraries, sports facilities, offices, student accommodation, urban landscape and social space.

In 2007 our specialist conservation arm Stow & Beale Conservation Architects was formed to focus on the repair and conservation of important historic buildings, monuments, gardens and heritage structures.

We think laterally for successful built results, listen to clients and users, assemble appropriately skilled construction teams and lead them to deliver successful buildings with maximum professionalism and impact, minimum fuss.



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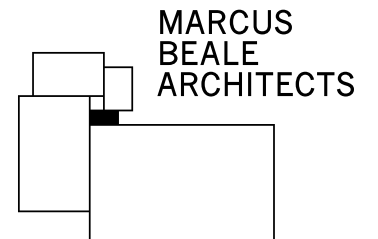


Education

Buildings clothe human activity. Whether it's the walking dialogue of a medieval cloister or the more modern educational models involving lecture rooms and seminar rooms, balanced by outdoor games and physical education, there is always a buzz of ideas, a joy of first exploration and discovery, testing new hypotheses and newly found skills. Good architecture accommodates and enhances these activities.

MBA have a track record in delivering successful buildings within working schools and colleges, integrating modern methods of learning through information technology. A thorough understanding of the existing institution and how it works, before, during and after construction is a key to success. We listen to clients and users, canvas their opinion and learn from their intimate knowledge of the site before applying an imaginative and practical design process based on the methodology of conservation.

Whether new build or alteration, education projects demand careful planning and execution in order to maintain safety and security whilst building efficiently on a working site. We have achieved complex major projects within working campuses and amongst listed buildings, and enjoy the challenges such projects pose. We manage actively, reporting clearly and concisely to our clients, identifying project objectives and actively leading the design and construction team and in order to achieve them.



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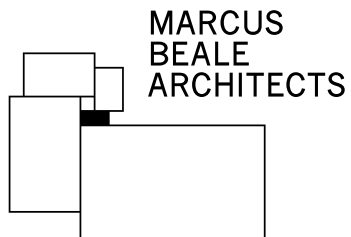
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School House from the south. Photo © Marcus Peel.

School House, Clifton College, Bristol

Location: Bristol
 Client: Clifton College
 Date: 2004
 Cost: £4.3 million
 Status: Complete
 Awards: Bristol Civic Society Environmental Award 2005



A new boarding house was created within the courtyard of the original boarding house at Clifton College. This involved carrying out major works to a Listed building, half of which was occupied at any one time, excavating around a historic building and next to public roads and footpaths, and the technical niceties of inserting a prefabricated steel frame into an existing courtyard with tolerances of less than a centimetre.

As well as sleeping accommodation the design provides places for social interaction, formal and informal gatherings clustered around new circulation spaces threaded between the existing and new buildings. A key concern was to create logical, easily navigable house layouts with no dead-ends. As a result, there is plenty of opportunity for social interaction throughout the new houses. Staff and students were consulted before and after construction, to ensure the project met their actual needs.



Meeting point of old and new. Photo © Marcus Peel.

Sports Pavilion, King's College School, Wimbledon

Location: Wimbledon
 Client: King's College School
 Date: Current
 Value: £1.9 million
 Status: Under construction

A new sports pavilion at West Barnes Lane provides twenty-first century facilities for twelve teams.

The building sits in the middle of the pitches, with magnificent views from the large first floor viewing terrace which is designed for hospitality use.

The pavilion allows flexibility for varying proportions of male and female players with the potential to subdivide the building when required.

Currently under construction, the project completes in September 2011. Throughout the construction period existing pitches have remained safely in use, with a temporary road segregated from the pitches providing site access.



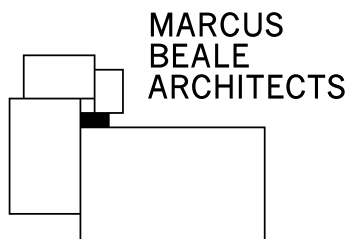
3D Model view from the south west



View under construction. Photo MBA



Pavilion under construction view below canopy. Photo MBA



Thehovels, Cumnor House School, Sussex

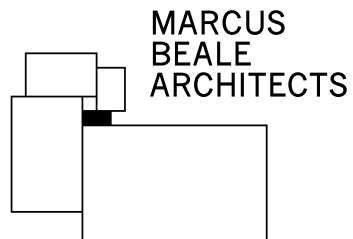
Location: Sussex
 Client: Cumnor House School
 Date: 2006
 Value: £470,000
 Status: Complete

Six new classrooms and a craft design technology studio were provided at a coeducational preparatory school in an Area of Outstanding Natural Beauty in Sussex. These replace an earlier farm building and form one element of a wider landscape.

From the west, the new classrooms appear across the open fields like a slab of colour, a horizontal brush stroke of a Cezanne landscape. Hand made roof tiles are from Keymer, located less than ten miles from the site, at Burgess Hill in Sussex.

The project was constructed within a working school, and incorporates a public footpath.

Following the successful completion of this project in March 2006, MBA were commissioned to develop a master plan and landscape proposals for the school's continued expansion, and to design a new theatre.



Front elevation. Photo © Marcus Peel.




View from Lewes Road on western boundary Photo © Marcus Peel.



Side elevation. Photo © Marcus Peel.

7

As a result we were able to reduce the penetration of vehicles, connect the clusters and almost-courtyards of buildings around farm and house with a safer pedestrian route, and, crucially, justify the creation of a new assembly theatre in the centre of the campus.



BEALE
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Theatre, Cumnor House School, Sussex

Location: Sussex
 Client: Cumnor House School
 Date: 2008
 Value: £1.1 million
 Status: Complete
 Awards: Sussex Heritage Trust Award 2010

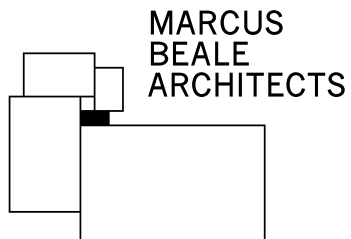
Our first new theatre won a Sussex Heritage Trust Award in 2010. We were deeply touched to be recognised in this way.

The theatre seats 365 children and includes foyer, backstage facilities and music rehearsal rooms.

It uses the natural slope of the land to achieve the raked auditorium, and relates to the school's existing outdoor theatre at the bottom of the slope, so that, if the rain sets in, the transference indoors can be accomplished easily.

The facade responds to the historic crinkle-crankle garden wall nearby and the building's footprint twists to accommodate an ancient Yew tree. Green credentials include locally sourced bricks from within a mile of the site, untreated larch boarding and high levels of insulation and thermal mass, as well as bio-diverse green roofs across the whole building.

A presumption against development in Areas of Outstanding Natural Beauty meant that this project could only be justified by a reasoned, evidence based masterplan founded on the educational needs of the school.



Overview. Photo Sue Barr.



Rear Elevation. Photo Sue Barr.



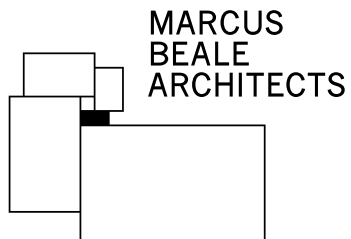
Internal view. Photo Sue Barr.

Wimbledon School of Art Foyer, London

Location: Wimbledon
Client: Wimbledon School of Art, UAL
Date: 2006
Value: £350,000
Status: Complete

A new foyer and entrance at Wimbledon College of Art forms the main public entry to the internationally acclaimed school, a 'shop front' for the gallery, theatre and studios beyond. It is a place of exhibition and welcome and an opportunity to display living work in fine art, sculpture, costume, theatre and media design.

Sandwiched between existing working studios, the foyer compensates for its constrained frontage by being a single storey interior almost 7m high, with the ceiling subtly tilted to avoid acoustic standing waves. Every other angle is a right angle and every colour white, grey or black - except for two welcoming flashes of corporate orange on the outside. An outreach office sits like a miniature of the main space in the south aisle. Manifestations on automatic glass doors play a semi-random pattern based on the proportions of the main space.



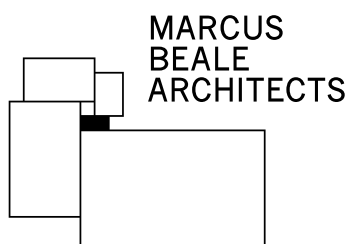
Foyer at dusk. Photo © Marcus Peel.



External view



The interior. Photo Marcus Peel.



The outreach office. Photo Marcus Peel.



At the opening. Photo WSA

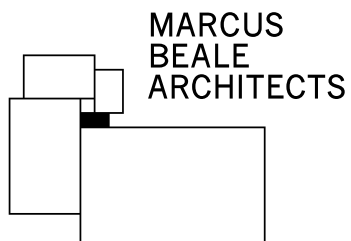
Wimbledon College of Art Theatre, London

Location: Wimbledon
 Client: Wimbledon College of Art
 Date: 2008
 Value: £1 million
 Status: Complete

Following the successful completion of the Foyer, MBA refurbished the College's teaching theatre to allow performance in the round with the construction of a new mezzanine. The project also provided a new lift giving wheelchair access to all levels of the theatre including the lighting and enlarged and improved control areas.

Natural working light and natural ventilation reduce energy consumption, new construction wraps around the existing improving insulation and provides additional accommodation: a fine art studio, secure climate-controlled drawings storage, and circulation to improve accessibility within the College. We also gave the building a new roof.

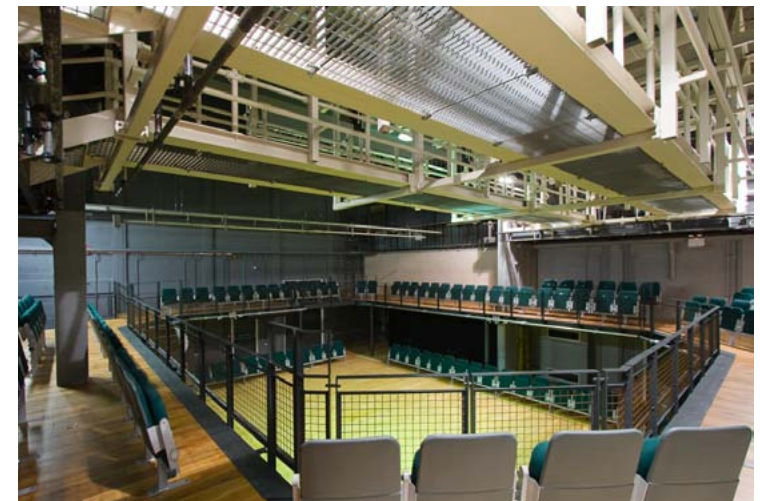
Every working part of the theatre is expressed and celebrated as part of the theatrical experience. It is the opposite of a 'black box'. The space is highly adaptable. Each panel of the mezzanine balustrade can be removed if required to incorporate the upper floor as part of the stage set, and a section of the mezzanine forms a manually operated, counterweighted drawbridge to allow tall scenery to enter the ring.



David Burrows, head of theatre, examines his new space. Photo WC&A



View looking at Flytower



View from the new mezzanine.

School of Pharmacy Library, University of London

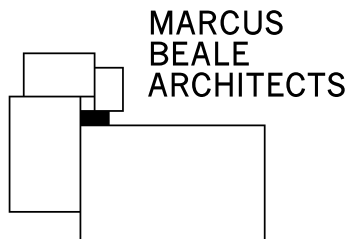
Location: London
 Client: School of Pharmacy
 Date: 2010
 Value: £500,000
 Status: Complete

The library of the London School of Pharmacy is the only dedicated library of Pharmacy in the UK. It has the highest number of students per square metre of any library within the University of London.

The challenge was create humane, accessible and inspiring places for study, research and information exchange within an existing working campus, to a tight budget and time-scale.

The project involved:

- Reorganising the library into zones, acoustically treated to create: entrance and welcome areas, group study, individual quiet study and book storage.
- Introducing more natural light and using the height of the existing building to the full.
- Deploying multiple layers of acoustically absorbent materials in certain areas at high level to create an artificial 'sky', so that sound can be contained within quiet spaces.
- Introducing new skylights to reduce dependence on artificial light.
- Purpose-designed furniture included entrance workstations, reception desk and curved study carrels and acoustic screens to provide areas for group study.



Internal view. Photo Marcus Peel.



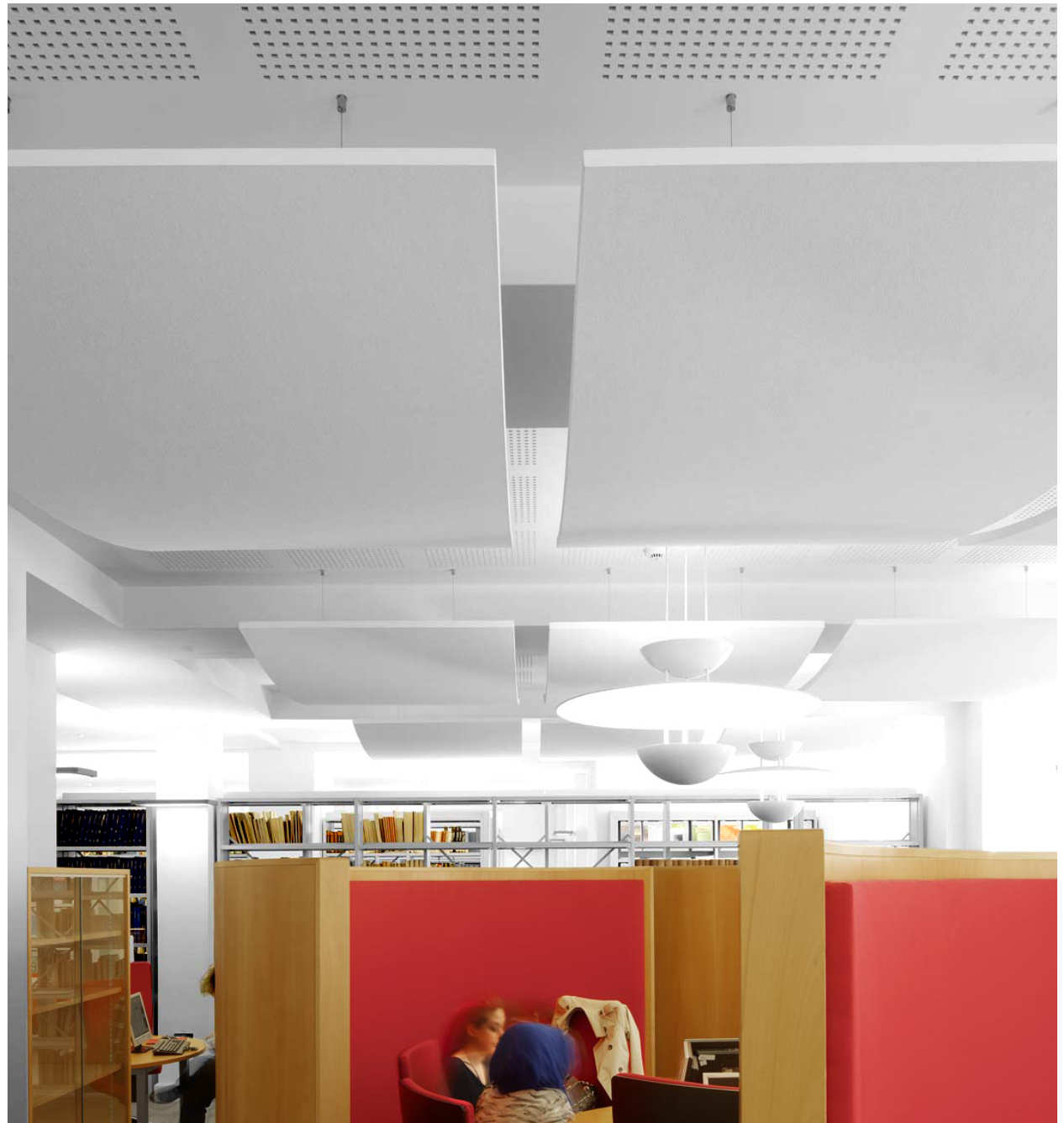
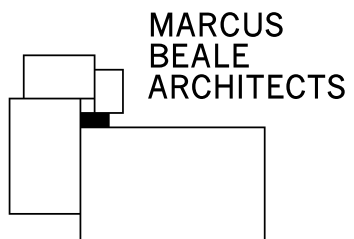
Study spaces. Photo Marcus Peel.

School of Pharmacy Library, University of London

Library Acoustics:

The group study carrels are free standing segments of a cylinder, the inner faces highly absorbent, outer faces reflective. Above, MBA created an artificial 'sky', treating the exposed structural soffit with an absorbent finish and hanging absorbent acoustic 'clouds'.

Together, these measures create pockets of calm without disrupting the overall sense of space.



Internal view looking at the acoustic baffles. Photo Marcus Peel.

School of Pharmacy IT Suite, University of London

Location: London
 Client: School of Pharmacy
 Date: 2011
 Value: £500,000
 Status: Complete

A low cost reordering of the computer unit at the School of Pharmacy involved imaginative space planning and careful use of natural light and the height of the existing ceilings to create bright, well lit spaces for student use and staff support within a highly serviced building.

This project was all about natural light. A computer screen needs little of it, staff working areas must have enough, and of good working quality.



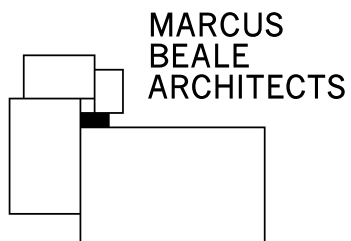
Internal view looking from main entrance. Photo Marcus Peel.



Looking out of the printing room. Photo MBA



Internal view looking towards offices. Photo MBA

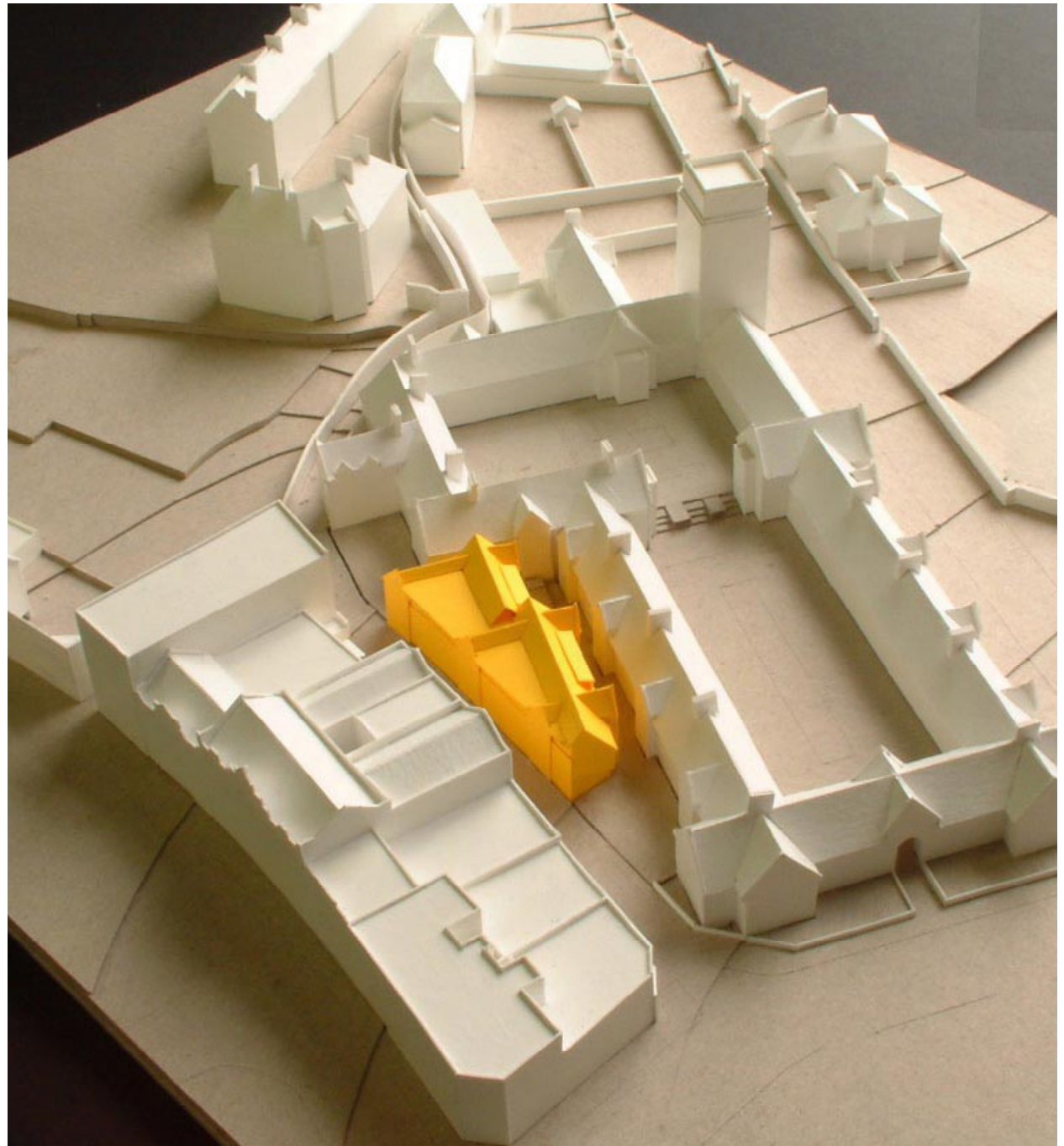
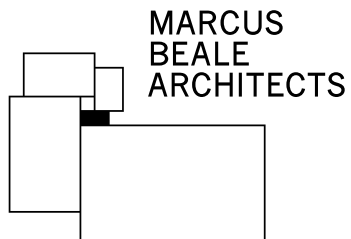


Nuffield College Lecture Theatre, Nuffield College, Oxford

Location: Oxford
Client: Nuffield College
Date: 2002
Value: £3.5 million
Status: Unbuilt

A new lecture theatre and student accommodation project for Nuffield College, Oxford resolves changes of level in the original Harrison scheme, and creates a new entrance for the College into George Street Mews.

As well as providing much needed new facilities on an under-used part of the college site, the scheme creates a series of outside spaces with something of a quality of a medieval street.



Physical model of proposal. Photo MBA

Porters Lodge, Oriel College, Oxford

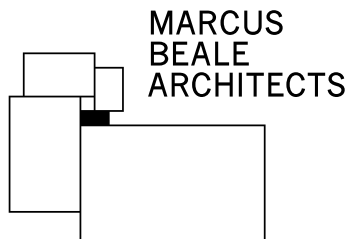
Location: Oxford
 Client: Oriel College
 Date: 2004
 Value: £330,000
 Status: Complete

Oriel is one of the five oldest colleges in Oxford, founded in 1326 by Edward II. First Quad, grade I Listed, comprises an amazing group survival from the eve of the English Civil War in the 1640s. The Porters' Lodge has been a main entrance to the College since 1622.

MBA directed the works to remodel the lodge, gateway and entrance, which have to work day and night, rain and shine, with the College open or closed, incorporating all the modern requirements for security. As the entrance to the College, the project has also to convey its institutional culture.



Reception desk. Photo © Marcus Peel.



Main Entrance. Photo © Marcus Peel.



Porters Entrance. Photo © Marcus Peel.



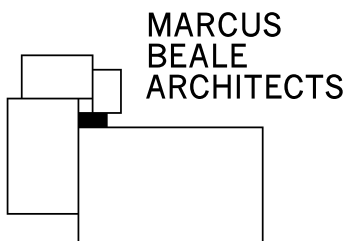
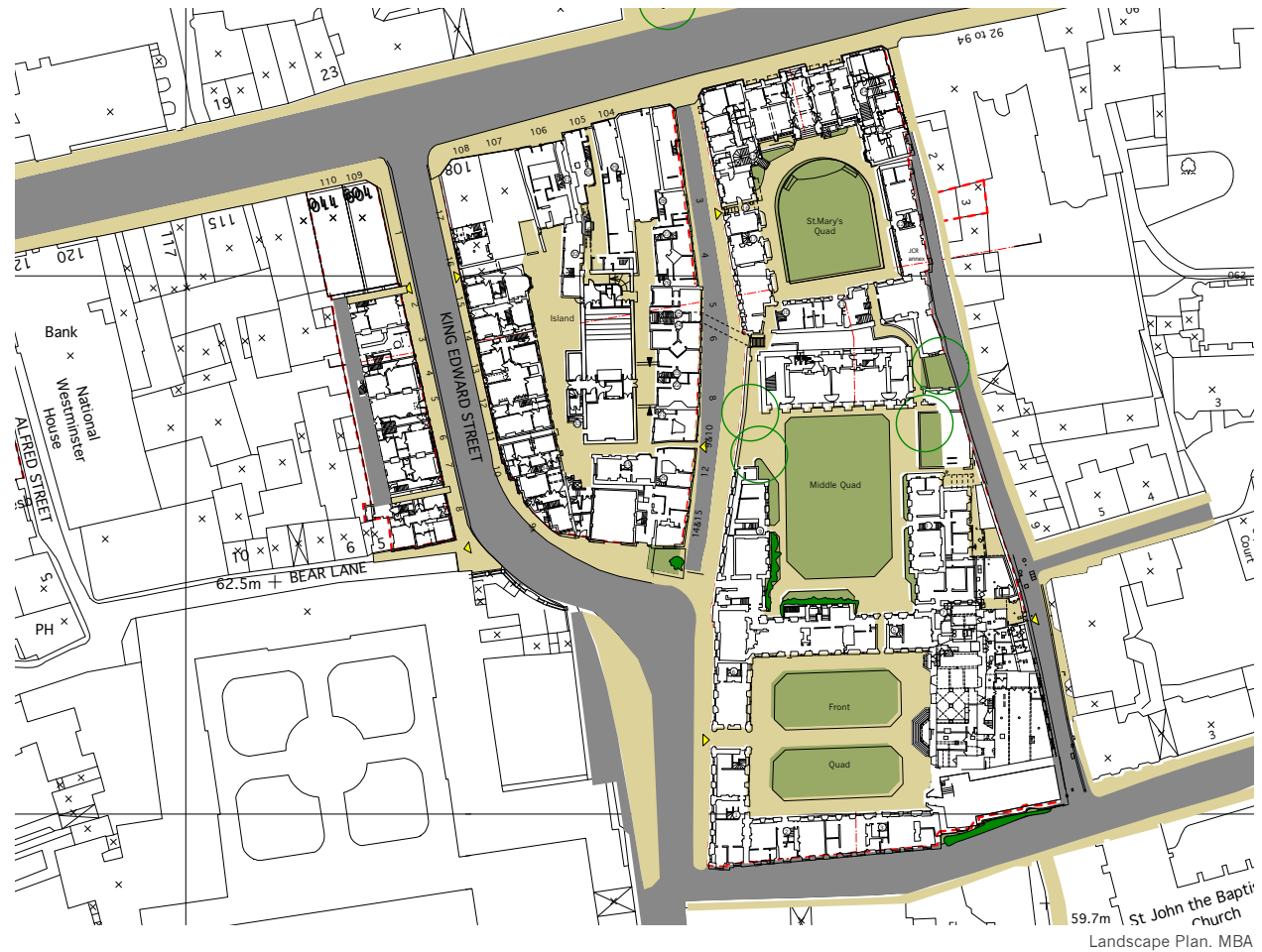
Letters in. Photo © Marcus Peel.

Masterplan, Oriel College, Oxford

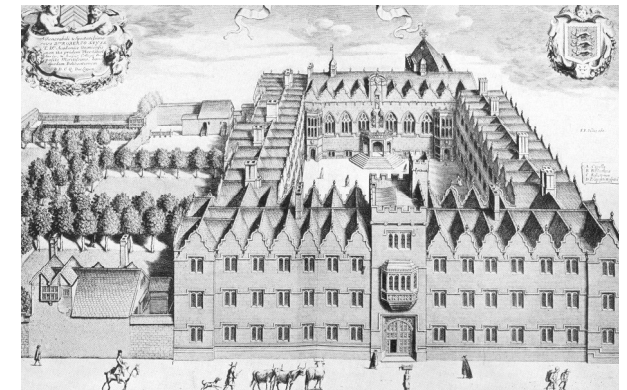
Location: Oxford
 Client: Oriel College
 Date: 2009
 Value:
 Status: Live

MBA were commissioned to prepare a master plan for Oriel College, following the completion of the College's conservation and management plan.

This involved meetings with individuals across the whole spectrum of the College, challenging ideas about what a college might be in the twenty first century, and a thorough analysis of what Oriel's educational needs require and how this translates into space.



Front elevation. Photo © Marcus Peel.



Loggan's Plan of 1675

Rhodes Building, Oriel College Oxford

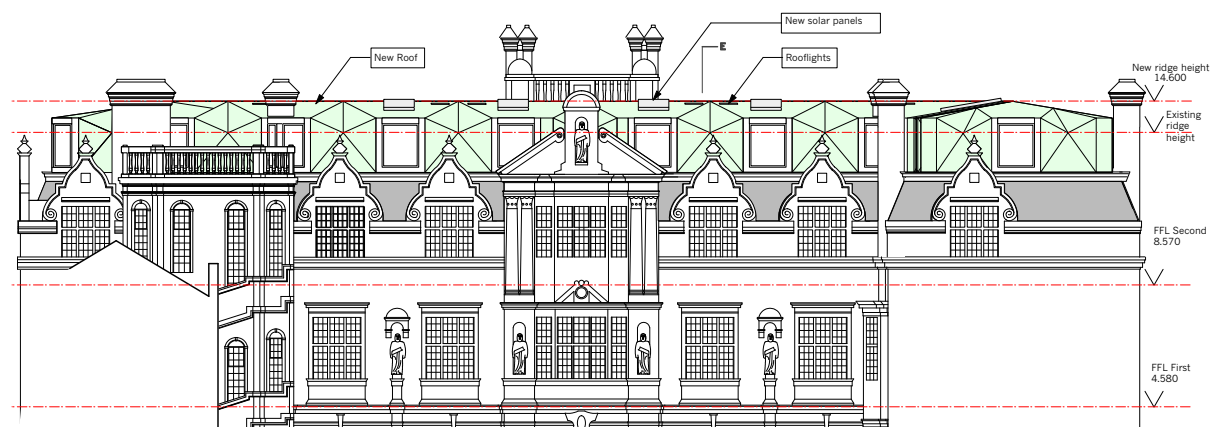
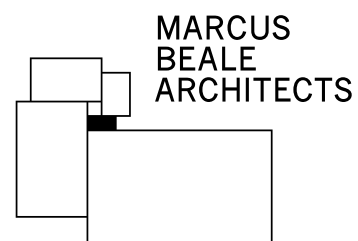
Location: Oxford
 Client: Oriel College
 Date: Current
 Value: £3.4 million
 Status: Ongoing

MBA obtained planning permission and Listed building consent for a renewal of the Rhodes building at Oriel in 2010. We are currently developing detailed proposals for the new project which will provide additional student accommodation and open up the College to the High Street by enlarging the windows at central ground floor level.

A new faceted copper roof sits above the Edwardian baroque gables.



Sketch from St Marys bell tower of proposed roof. MBA



South Elevation of proposed roof. MBA

Bartlemas Housing, Oriol College, Oxford

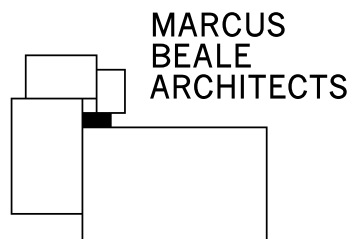
Location: Oxford
Client: Oriol College
Date: Current
Value: £2 million
Status: Unbuilt

The project provides 31 student rooms for graduate students of Oriol College. It is designed to form a boundary and an appropriate setting for the core buildings of the Bartlemas Conservation Area, a former leper colony owned by the College since the 14th century.

Environmentally sustainable measures include:

- Low CO2 in construction
- Closed loop ground source heat pumps
- Use of passive solar heating through orientation, shading and solar chimneys
- Triple glazing
- Bio-diverse green roofs
- Breathing walls of timber frame construction with sheeps wool insulation.

The housing forms an open sided courtyard clustered around a natural watercourse which will be adapted to increase biodiversity. The forms relate to the Grade I Listed chapel and the core historic buildings of the Conservation Area. Stone plinths support walls of timber frame and timber cladding. Above are bio-diverse green roofs and pitched roofs faced with natural stone slates laid traditionally to diminishing courses.



Rear view. Image by Blink Image



Ground Floor Plan. MBA



Main Entrance. Image by Blink Image

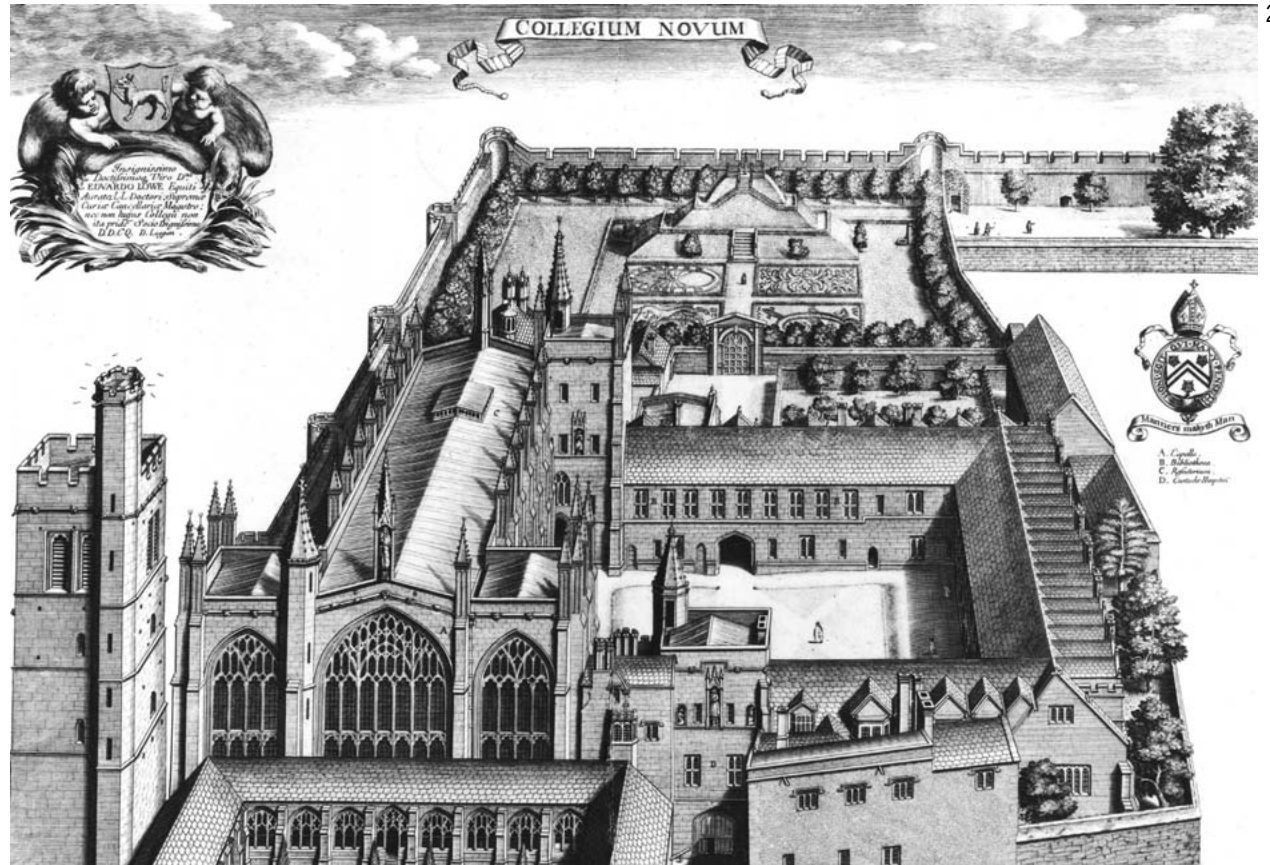
New College Masterplan, New College, Oxford

Location: Oxford
 Client: New College
 Date: 2010
 Value: -
 Status: Ongoing

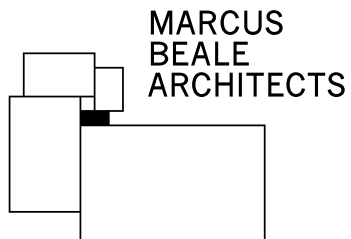
In 2009-10 we prepared a conservation & development plan to meet New College's medium term needs.

Projects identified by the study include music practice rooms, a new lecture theatre and the re-ordering of the JCR.

New College was founded by William of Wykeham in 1379 and constructed in the north east corner of Oxford's city wall. Subsequent phases of development in the 19th and 20th centuries extended the College beyond the medieval wall, to Holywell Street and Longwall Lane with later buildings by Gilbert Scott, Basil Champneys, Hubert Worthington and David Roberts.



Loggans 1670's Plan



13th century wall. Photo MBA



Front Quad. Photo MBA

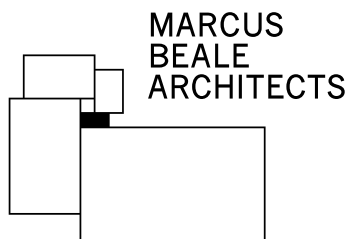
JCR, New College, Oxford

Location: Oxford
Client: New College
Date: 2010
Value: £1 million
Status: Live

A small triangular courtyard at the edge of the College is surrounded by social uses.

It is proposed to enclose the area between the 14th century Long Room and the back of the 17th century developments and to connect the spaces to achieve fully accessibility to the first floor rooms.

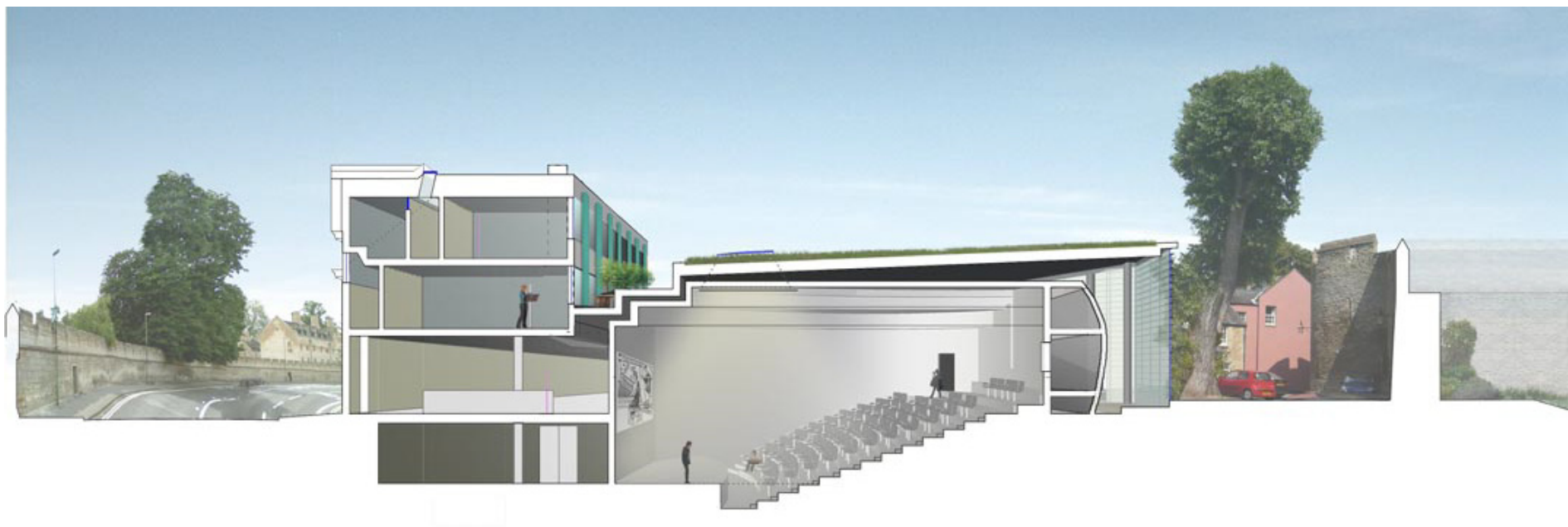
The new roof will be part glass and part solid on a light steel structure.



Internal view of JCR model. MBA



Model of the proposal with interior views. MBA



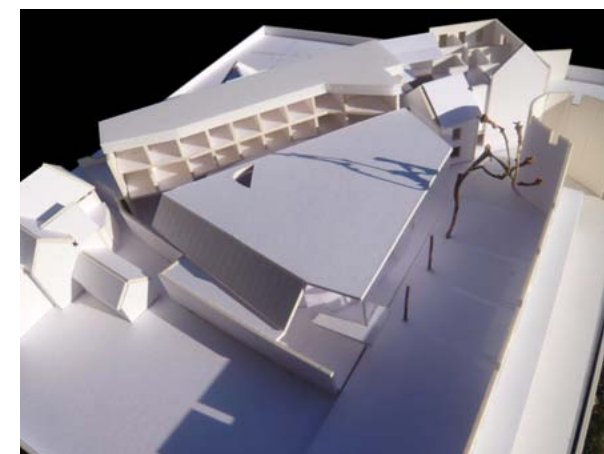
Section through proposed lecture theatre. MBA

Location: Oxford
 Client: New College
 Date: 2010
 Value: £7.7 million
 Status: Ongoing

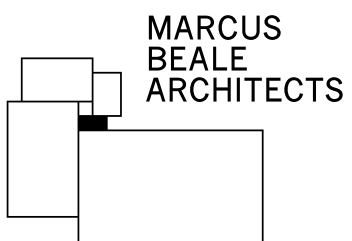
Morris Lecture Theatre, New College, Oxford

A lecture theatre and seminar spaces behind William Morris' former showrooms in Longwall Street.

The auditorium, for 200 people, is designed for speech and chamber music.



Model showing the proposed. MBA

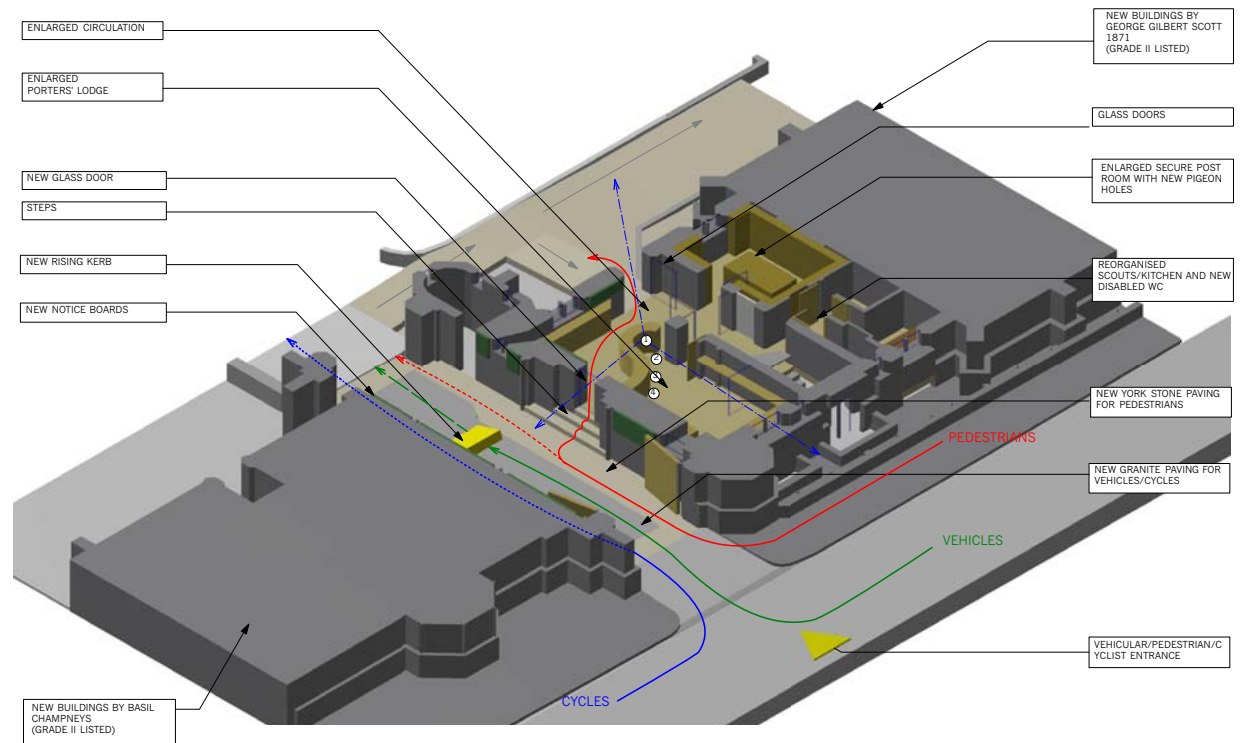


Model development. MBA

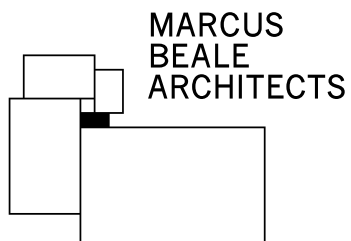
Porters Lodge, New College Oxford

Location: Oxford
Client: New College
Date: 2009
Value: £330,000
Status: Ongoing

Alterations to the lodge resolve the conflicts between pedestrian and vehicular traffic.



Model showing proposal. MBA



Sketch of reception desk. MBA



Sketch of main entrance. MBA

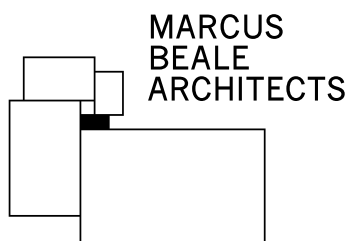


Section through the Music Practice rooms. MBA

Music Practice Rooms, New College, Oxford

Location: Oxford
 Client: New College
 Date: 2010
 Value: £1.4 million
 Status: Ongoing

A new two storey gabled building is proposed to provide music practice rooms for the College to Mansfield Road.



Front elevation. MBA

St Georges Gate, St Peters College, Oxford

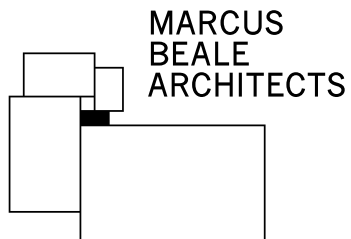
Location: Oxford
 Client: St Peters College
 Date: 1995
 Value: £1 million
 Status: Complete
 Awards: Oxford Civic Trust 1996, for contribution to the character of Oxford.
 Brick Design Awards 1996, for Excellence in Housing - under 50 units.

St George's Gate, a new hall of residence for St Peter's College, restores a semi-industrialised corner of the city to the more salubrious architectural fold of the university. This new accommodation provides 33 new study bedrooms, a common room and kitchen.

The building sits on Quaking Bridge above the remains of a medieval wall and adjoining Castle Tower.

The energy strategy includes a heated upper ground floor slab with highly controllable local heaters in each room.

Assessed by Oxford Brookes University two years after completion, St George's Gate was found to be, of the seven new accommodation buildings studied, the most energy efficient and the most popular in use.



Elevation detail.

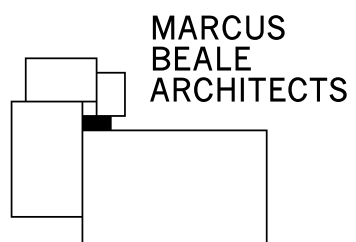


View from river.



Connection of existing with proposed.

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St George's Gate at dusk .