

maber

Project
Year Book 2015/16

Great to work with.

Great to work for.

architecture / interiors / landscape / masterplanning

Contents

Project Coverage	3	• Leicester Enterprise House, Leicester	25
Foreword		• Technology Entrepreneurship Centre, The University of Nottingham	26
Mark Hobson - Managing Director	4		
The People	5	• Sherwood Forest Visitor Centre, Nottinghamshire	27
Clients	7	• Industrial Campus, Derby	29
Awards	8		
RIBA Stages 1 and 2		RIBA Stages 3 and 4	
Preparation and Brief / Concept Design		Developed Design / Technical Design	
• East Hampshire Leisure Centres	11	• Portland College, Mansfield	33
• Angel Row Development, Nottingham	13	• Saffron Court, Nottingham	34
• G-ERA Building, The University of Nottingham	14	• Guernsey College of Further Education, Guernsey	35
• Arnold Hill Academy, Nottingham	15	• New Walk Museum, Leicester	36
• Project Holly, Leicester	16	• Akaal Primary School, Derby	37
• Robert Carre Trust Campus, Sleaford School	17	• Short Hill, The Lace Market, Nottingham	39
• Ticket office at National Space Centre, Leicester	19	• Guildhall Place, Nottingham	41
• Former Astra Zeneca Site, Charnwood Campus, Loughborough	21	• Newark Fire Station, Newark	43
• Temple Quay, Bristol	22	• Old Place Yard, Bicester	44
• North Lab Refurbishment, The University of Nottingham	23	• Exchange Buildings Refurbishment, Nottingham	45
		• Various LCC Schools, Leicester	46

RIBA Stage 5		• Premier Inn, Derby	71
Construction		• AgriSTEM Campus, Rodbaston	72
• Junior School Extension, Nottingham High School, Nottingham	49	• Brooksby Melton College Campuses, Leicestershire	73
• Trelleborg Centre of Excellence, Retford	51	• Rolls-Royce On Wing Repair Centre, Heathrow	77
• Radcliffe Road Stand Extension, Trent Bridge Cricket Ground, Nottingham	52	• Derby Manufacturing UTC, Derby	78
• New facility for Engineering, Computer Science and Maths, University of Lincoln	53	• Controls and Data Services, Solihull	79
• Lumis, Leicester	55	• Knowsley Community College, Liverpool	83
• ISTEK STEM Laboratories, Nottingham Trent University	57	• WMG Academy for Young Engineers, Solihull	87
• One Hockley, Nottingham	59	• Space2 Creative Centre, Nottingham	91
• The Great Hall, Leicester Castle, Leicester	60	• Medway UTC, Kent	93
• Rolls-Royce UK Discs Facility, Washington	61	• Rolls-Royce XWB, Derby	94
• The Nottinghamshire Golf and Country Club	62	• Derby Priority Schools Building Programme	
• Priority Schools Building Programme	63	- Allestree Woodlands Academy	95
		- Asterdale Primary School	97
		- Reigate Primary and Nursery School	99
		• Sports Pavilion, Victoria Embankment, Nottingham	100
		• West Midlands Priority Schools Building Programme	101
		- Moorgate Primary School	
		- Clough Hall Secondary School	
		- Edward The Elder Primary School	
		- Hall Green Primary School	
		- Gnosall Primary School	
		- Turves Green Secondary School	
		- Harvills Hawthorn Primary School	
		- Wood End Primary School	
RIBA Stage 6			
Handover and Close Out			
• Number One, Cathedral Green, Derby	67		
• Riverside Chambers, Derby	69		
• Blaby Depot, Leicestershire	70		

Project Coverage

Office Locations

Nottingham
Derby
Leicester
Birmingham
London

maber

Mark Hobson

Managing Director



We published our first year book in 2014 in order to try and capture the diversity of projects and design challenges that our architects and technical teams solve on an annual basis. Although we are fortunate to see a high proportion of our ideas built out, many fall by the wayside for differing reasons and we wanted to showcase a range of schemes that represent a typical year of creative input across the practice. The 2016 edition features a new crop of conceptual ideas and innovative sketch schemes together with previously featured projects which are now complete and occupied.

For **maber**, 2016 was another successful year and we saw further steady growth across our Midlands and London offices. Based on increasing demand for our various design services from clients in the West Midlands, we opened a Birmingham Office on Colmore Row in the Autumn and are optimistic that the City and the region will provide us with many new and exciting project opportunities as we move forward into 2017 and beyond.

Our broad sector coverage is again evident in the featured projects and we have enjoyed a busy few years in the education, commercial, culture, sport and leisure and community sectors. Our expertise in the residential sector has stood us in good stead and we have worked on numerous Private Rental Sector and student accommodation schemes in major UK cities. Both public and private sector clients continue to take advantage of our architectural, interior and landscape design services and there is growing demand for our masterplanning/urban design expertise. Building Information Modelling now influences the evolution of every project in the office and we will continue to drive this agenda in order to deliver more certainty for our clients in terms of capital and life cycle costing, together with the obvious benefits for the end users.

We hope the publication is of interest and I would like to take this opportunity to thank our clients for their ongoing support and the many contractors, consultants and specialists that we collaborate with to help realise our ideas.

The People



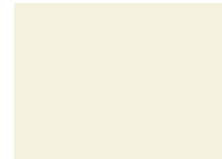
Mark Hobson



Nick Keightley



Colin Tompkins



Fergus Lowe



Andy Purvis



Leo Ward



Chris Radcliffe



Alex Lipinski



Gary Matthews



Catherine Lambert



Ian Hewitt



Ravi Matharu



Steve Day



Simon Middlecote



Marc Hargreaves



Simon Cottrell



Paul Anderton



Janette Clarke



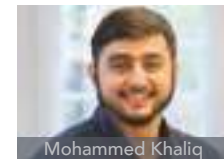
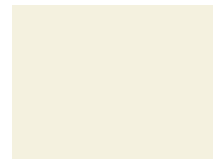
Simon Graham



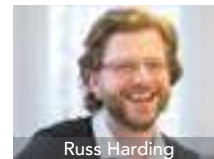
Lorraine Bergin



Richard Hall



Mohammed Khaliq



Russ Harding



Gary Boydell



Ismail Haruna



Jonathan Martin



Keith Hayday



Hilary Taylor



Andy Guy



Rupen Valand



Greer Cook



Colm Richardson



Laura Mackay



Sara Simpson



Ian Harris



Samantha Eades



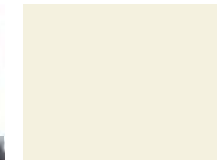
Emma Atkins



Tim Boxford



Steve Basran



David Brooks



Joe Boyce



Wei Lei



Steve Ager



Robert Fowkes



Jamie Madeley



Fiona Nye



Stephen Kirkpatrick



Josh Chrystal



Lee Smith



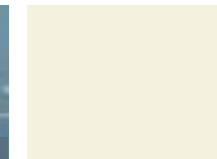
Dan Pilling



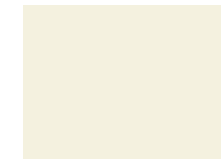
Nathan Craig



Alice Griffin



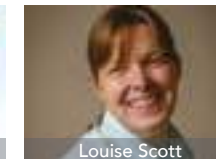
Tom Lowe



Jane Spitzmuller



Adrian Goodrich



Louise Scott



Richard Issleib



Katherine Tokarski



Laura Green



Caroline Towndrow



Ben Slipper



Graham Wright



Ian Mars

maber

Offices in:

- Nottingham
- Derby
- Leicester
- Birmingham
- London

Clients

Corporate/Private/Education Clients

- Abode
- Bombardier
- Boots
- Brooksby Melton College
- Controls and Data Services
- De Montfort University
- Derby College
- Derby County Football Club
- Dowty Propellers
- Greenwood Academies Trust
- George Spencer Academies Trust
- Ikano
- Medway UTC
- Nottingham High School
- Nottingham Trent University
- Nottinghamshire County Cricket Club
- Nottinghamshire Golf & Country Club
- Paragon Interiors
- Portland College
- Rolls-Royce
- Romo Group
- SNC-Lavalin Rail & Transit
- South Staffordshire College
- Transform Schools
- Trent College
- University of Lincoln
- The University of Nottingham

Developers/Investors

- Cedar House Investments
- East Midlands Technical Services
- Futureform Global Investments
- Goldev
- Grants of Shoreditch
- Kenworth Development
- Lanos
- Magpie Hall Road
- Megaclose
- Miller Birch
- Nurton Developments
- Regal Sherwood Oaks
- Trent Pads
- Viridis Real Estate
- Wilson Bowden Developments

Contractor Clients

- B&K Building Services
- BAM Construct UK Ltd
- Bowmer & Kirkland
- Clegg Construction
- GF Tomlinson
- Interserve Kajima
- Kier Construction
- Morgan Sindall
- Parkway Construction
- Wates Construction
- Willmott Dixon Construction
- Winvic Construction

Public Sector/ Charitable Trusts

- Almshouses
- Dance4
- Derby City Council
- East Midlands Reserve Forces and Cadets Association
- Galleries of Justice
- Leicester City Council
- Leicestershire County Council
- New College Nottingham
- Nottingham City Council
- Nottingham University Hospitals NHS Trust
- South East Reserve Forces and Cadets Association

Other

- AECOM
- Arup
- CBRE
- DTZ
- EC Harris
- Faithful+Gould
- Turner & Townsend

maber

- **2016 LABC West Midlands Building Excellence Awards**
Winner - Futures@SSC South Staffordshire College
- Best Inclusive Building

- **2016 Graphisoft Archicad BIM Awards**
Winner - Hertfordshire, Luton & Reading PSBP Batch of Schools
- Project of the Year

- **2016 East Midlands Constructing Excellence Awards**
Highly Commended - Space2, Nottingham

- **2016 Leicester Mercury Business Awards**
Winner - Creativity Industries Business of the Year

- **2016 RICS East Midlands Awards**
Finalist - Full Street, Derby (Riverside Chambers, Premier Inn & Cathedral Green)
- Regeneration
- Building Conservation
Finalist - Field of Dreams Pavilion, Nottingham
- Leisure & Tourism
- Community Benefit

- **2015 Insider Property Awards**
Winner - West Midlands Architectural Practice of the Year

- **2015 ProCon Awards**
Finalist - Brooksby Melton College Brooksby Campus
- Large Non residential category

- **2015 East Midlands Property Awards**
Winner - King Richard III Visitor Centre
- Project of the Year
- Design Excellence
- Regeneration and Restoration

- **2015 AJ Retrofit Awards**
Finalist - King Richard III Visitor Centre
Finalist - Lakeside Visitor Centre, Ferry Meadows

- **2015 LABC East Midlands Regional Awards**
Winner - King Richard III Visitor Centre
- Best Inclusive Building
- Best Large Commercial Building

- **2015 Construction News National Awards**
Winner - King Richard III Visitor Centre
- Project of the Year (under £10m category)

- **2015 LABC Shropshire & Staffordshire Building Control Awards**
Highly Commended - The Green, South Staffordshire College
- Best Educational Building

- **2015 East Midlands Celebrating Construction Awards**
Highly commended - King Richard III Visitor Centre

- **2015 RICS National Awards**
Finalist - King Richard III Visitor Centre
- Project of the Year

- **2015 RICS East Regional Awards**
Winner - Lakeside Visitor Centre, Ferry Meadows
- Leisure & Tourism

- **2015 RICS East Midlands Regional Awards**
Winner - King Richard III Visitor Centre
- Innovation
- Leisure & Tourism
- Project of the Year

- **2015 RIBA East Midlands Regional Awards**
Winner - King Richard III Visitor Centre

- **2015 Brick Awards**
Winner - King Richard III Visitor Centre
- Design Excellence

- **2015 MIPIM Best Hotel & Tourism Resort Award**
Winner - Center Parcs, Woburn Forest

- **2014 Civic Trust Awards Derby**
Highly commended - Riverside Studios (former magistrates court & police station)
- Conservation & Restoration

- **2014 George Rennie Awards, Derby City Conservation**
Winner - Riverside Studios
- Conservation & Restoration

- **2014 Procon Awards**
Winner - King Richard III Visitor Centre
- Large Non-Residential
Finalist - Dock, Leicester
- Large Non-Residential
- Sustainability

- **2014 British Travel Writers Guild, Annual Tourism Awards**
Winner - UK Category - King Richard III Visitor Centre

- **2014 FBE Forum for Built Environment Awards**
Winner - King Richard III Visitor Centre
- Project of the Year
- Best non-residential scheme

- **2014 RICS East Midlands Regional Awards**
Winner - Dock, Leicester
- Regeneration
Highly Commended - Commercial

- **2014 BREEAM National Awards**
Winner - The Energy Technologies Building, The University of Nottingham
- Best Education Scheme

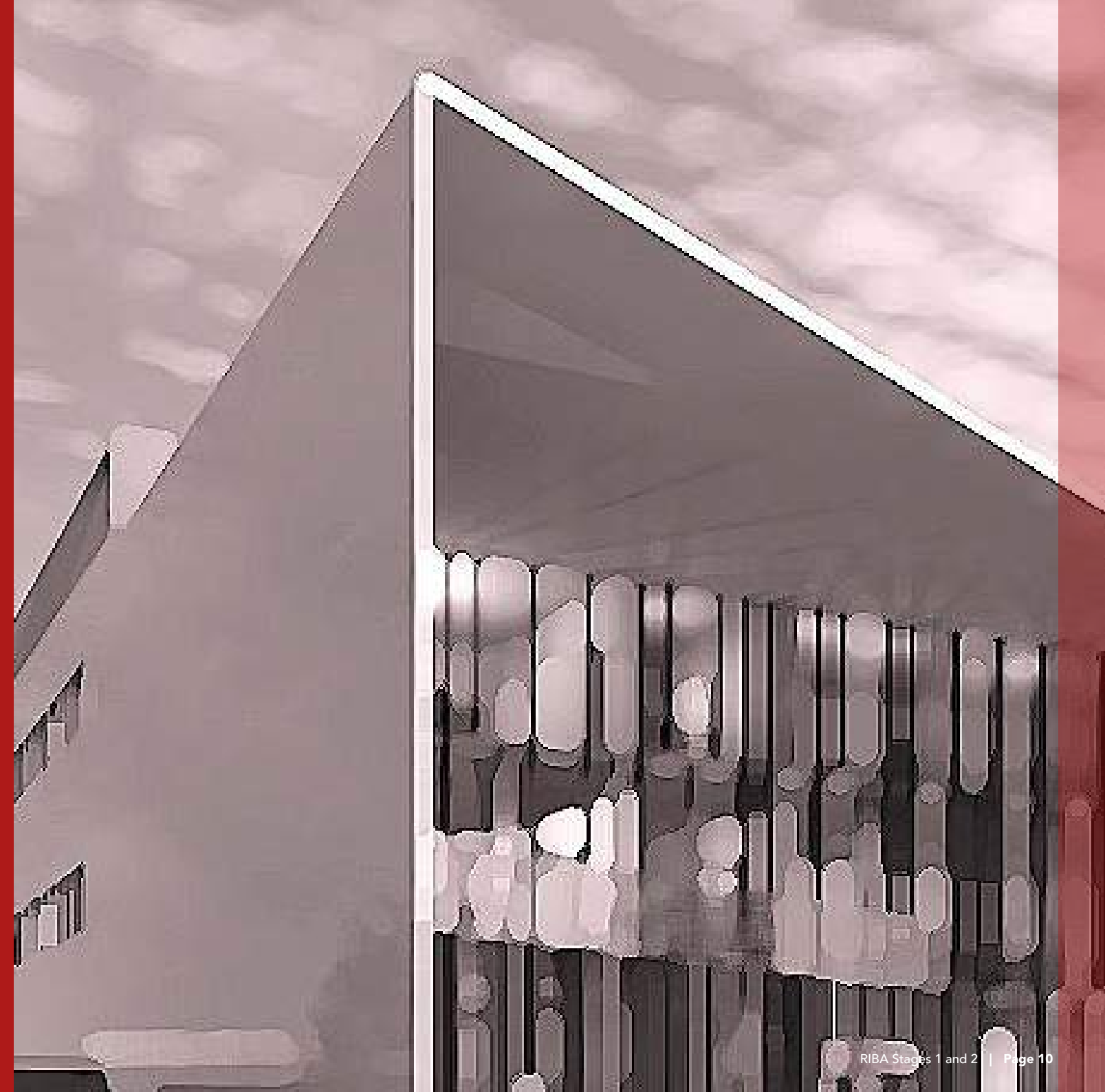
- **2014 RIBA EM Regional Awards**
Shortlist - Jubilee House, Southwell
- Building of the Year

Awards

RIBA Stages 1 and 2

Preparation and Brief / Concept Design

• East Hampshire Leisure Centres	11
• Angel Row Development, Nottingham	13
• G-ERA Building, The University of Nottingham	14
• Arnold Hill Academy, Nottingham	15
• Project Holly, Leicester	16
• Robert Carre Trust Campus, Sleaford School	17
• Ticket office at National Space Centre, Leicester	19
• Former Astra Zeneca Site, Charnwood Campus, Loughborough	21
• Temple Quay, Bristol	22
• North Lab Refurbishment, The University of Nottingham	23
• Leicester Enterprise House, Leicester	25
• Technology Entrepreneurship Centre, The University of Nottingham	26
• Sherwood Forest Visitor Centre, Nottinghamshire	27
• Industrial Campus, Derby	29



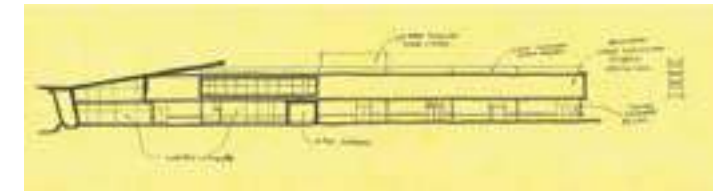
East Hampshire Leisure Centres



Client: Parkwood Leisure

Sector: Leisure & Culture

maber assisted Parkwood Leisure to bid through competitive dialogue to take on the design, build, operate and manage contract for three leisure centres in East Hampshire.



Key Facts:

- The bid involved the refurbishment of an existing leisure centre, a new centre on an existing site and the creation of a new centre as part of a new residential development
- Wide range of facilities under a single roof
- Natural materials and finishes specified to reflect the healthy principles and innovative features in the various schemes
- The schemes were designed to have a long life cycle for the benefit of future users through the use of green and sustainable principles.



Angel Row Redevelopment

Nottingham

Client: Miller Birch

Sector: Mixed Use

Key Facts:

- Three options for redevelopment, including student accommodation, an office scheme, retail and library.



G-ERA Building

The University of Nottingham

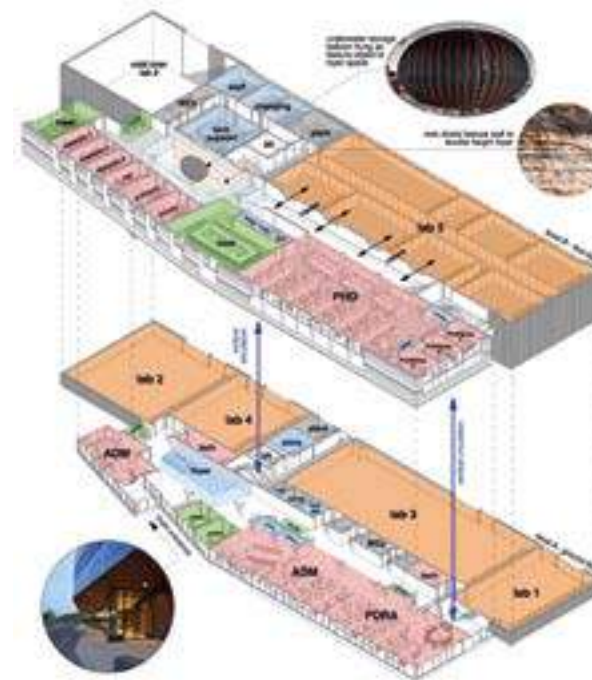
Client: The University of Nottingham

Sector: Higher Education

Concept for a cross-disciplinary energy Research Centre, as part of a wider campus extension. The building comprises offices and engineering laboratories arranged either side of an atrium corridor to encourage meeting and collaboration between the users.

The primary design objectives were to create:

- a building which respects the principles of the adjacent campus masterplan and maximises visual links to the rest of the campus
- a building with a distinct identity and presence
- a high quality working environment that will contribute towards research being undertaken within
- a flexible and robust building that meets the University's requirements for today and the future
- a building that embodies the best practice sustainable principles with effective, passive, integrated solutions.





Arnold Hill Academy

Nottingham



Client: Arnold Hill Academy and Education Funding Agency

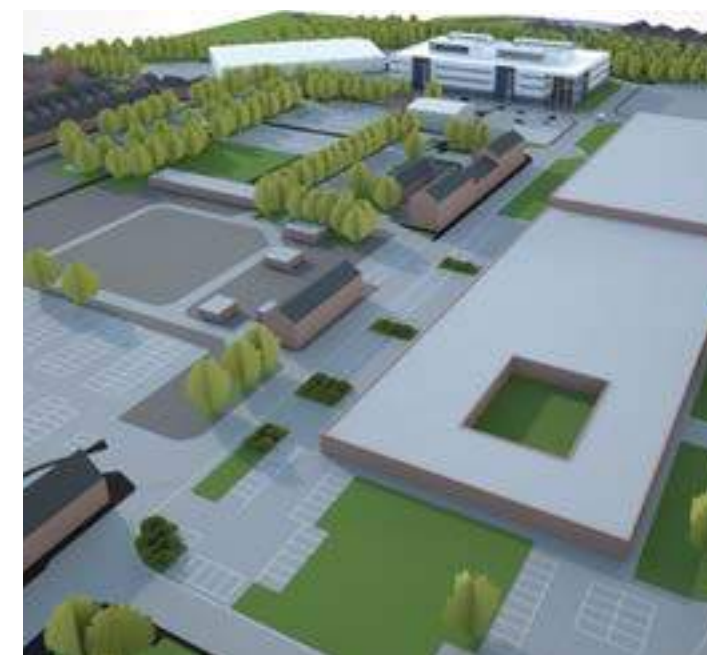
Contractor Client: Galliford Try Construction

Value: Circa £14m

Sector: Secondary Education

Key Facts:

- 8,175m² teaching space, science labs, indoor sports hall and drama studio.



Project Holly

Leicester

Client: Miller Birch

Sector: Workplace

Key Facts:

- Feasibility study for a 3-storey 8,260m² call centre and single storey 4,650m² storage facility on a former gasworks site.



Client: Robert Carre Trust
Value: £30m
Sector: Secondary Education



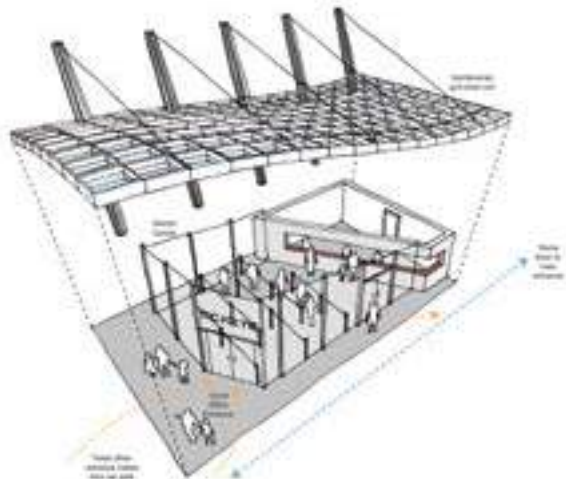
maber were invited to enter a limited design competition to develop a concept for a new grammar school, catering for 1,600 secondary school pupils including a sixth form, on a 45 acre site.

The buildings were set away from the site entrance to create a parkland setting with the teaching block being arranged around a 'town square' courtyard. The design included a 400 seat auditorium.

The concept introduced a Sports Village, that included a 4G sports pitch, to help the scheme become a Regional Centre for Activity.

RCT Campus

Sleaford School



Ticket Office

National Space Centre

Leicester

Client: National Space Centre

Value: Undisclosed

Sector: Leisure & Culture

Key Facts:

The new ticket office will create a sense of arrival for visitors. It is separate to the ticket collection machines which will ease queuing problems during busy periods.

The staffed ticket office is designed to be easily navigated through.

With a prominent roof structure it will be visible across the car park and will create an obvious meeting point on arrival at the front of the centre.

The glazed facade will allow visitors to understand the queuing strategy at first sight, which can be extended outside under the overhanging roof during busy periods.



Charnwood Campus

Loughborough

Key Facts:

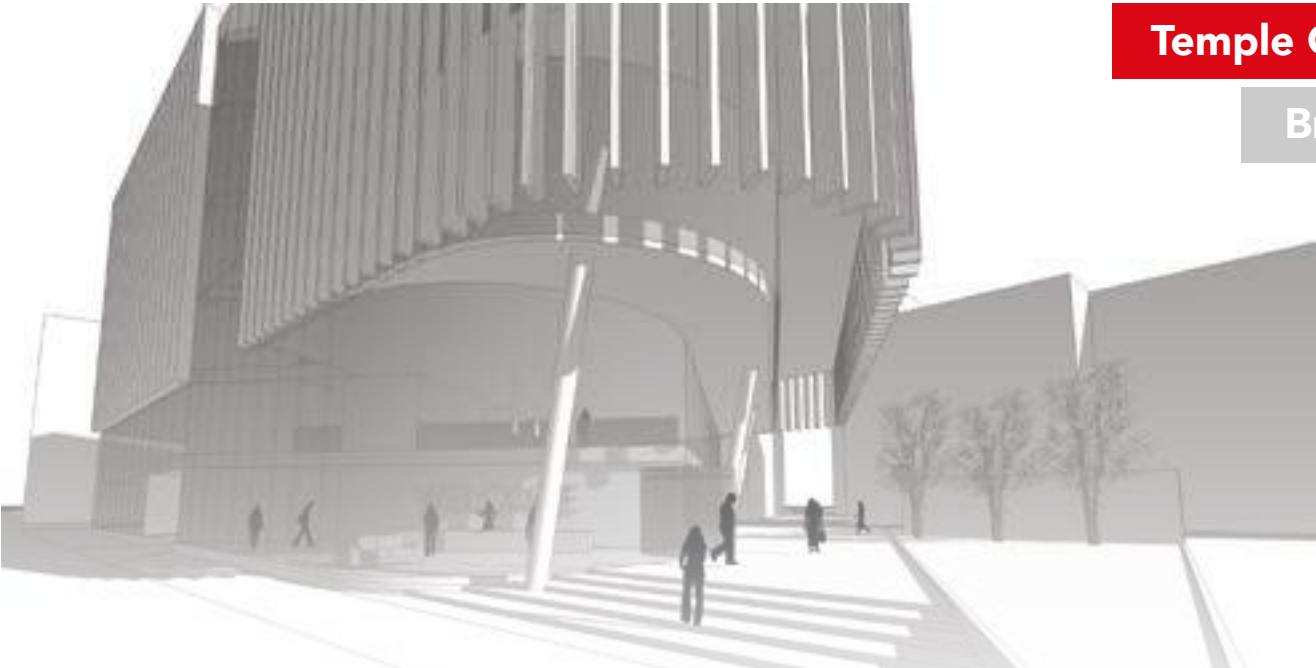
- Comprehensive masterplanning to establish existing research site as a new Biomedical Campus within the heart of the UK

- Phased development plan to provide refurbishment strategy to existing building stock and new building opportunities to expand facilities
- Modern medicinal and process chemistry laboratories along with modern chemical pilot plant and kilolab facilities
- High Throughput Screening facilities
- Formulation development and analytical development laboratories
- State of the art formulation pilot plant capable of producing solid dosage forms, sterile manufacture and a PDMI and high potency capability
- Modern bioscience laboratory.



Temple Quay

Bristol



- Client:** Bouygues Developments
- Sector:** Workplace
- Key Facts:**
- **maber** were invited by Bouygues Developments to enter a mini competition for the design of a new 7,500m² office development
 - A series of options were developed that tested the potential density of the site and these were assessed in terms of planning risk.



North Lab Refurbishment

The University of Nottingham

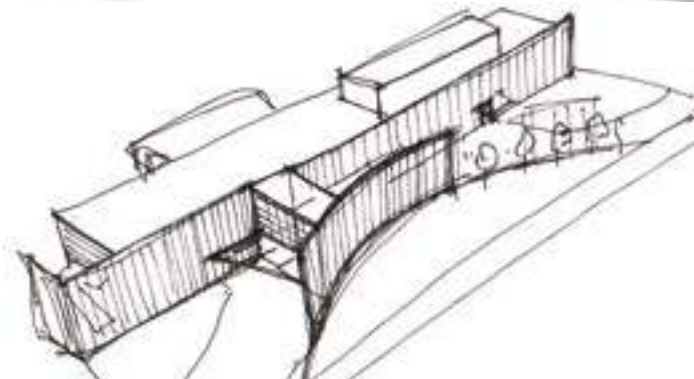
Sutton Bonington Campus

Client: The University of Nottingham

Sector: Higher Education

Key Facts:

- Competition entry for redevelopment and refurbishment of the existing North Lab building as part of a wider campus masterplan
- The masterplan creates a new central avenue to establish a clear identity, drawing inspiration from the campus's agricultural heritage
- The building's prominence along the proposed central avenue means it plays a critical role in visitors' perception of the central avenue. A refurbished facade will reinforce the campus's forward-thinking identity
- One of the key requirements is for the phased recladding of the existing building and the creation of a new ground floor laboratory space for up to 200 students. In order to achieve this, a significant amount of the internal space will be adapted, with the necessity for a new circulation core to be constructed separately from the existing building envelope.



Leicester Enterprise House

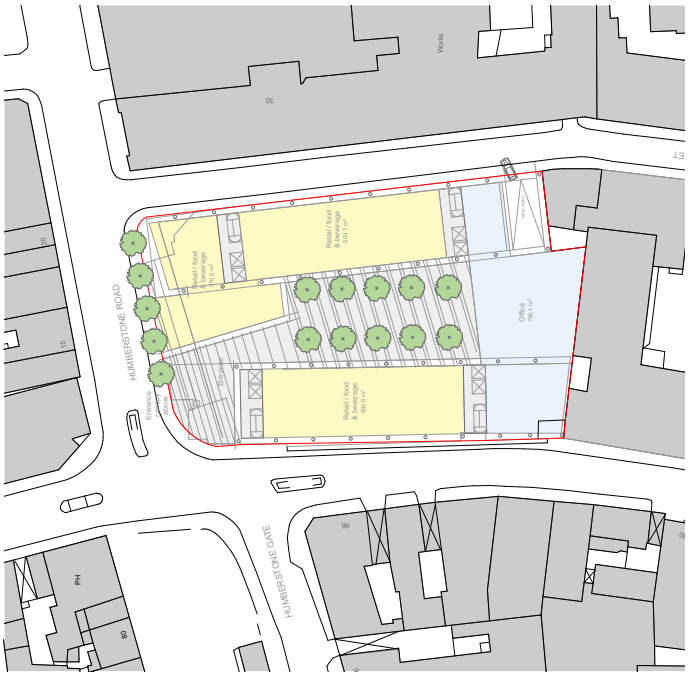
Leicester

Client: Hicking Land & Building Limited

Sector: Residential - Private Rental Sector

Key Facts:

- An initial feasibility study for the demolition of the existing building and proposed development for a site located in the centre of Leicester, on the corner of Humberstone Street and Rutland Street
- The study provided outline proposals for the massing, ground, typical floor layouts and an initial area schedule
- Uses included retail, office, food and beverage on the ground floor with over 400 one and two bedroom apartments above.



Technology & Entrepreneurship Centre

The University of Nottingham



Client: The University of Nottingham

Sector: Higher Education

Key Facts:

Competition entry to provide a new Technology and Entrepreneurship Centre for the University of Nottingham's Innovation Park.

The facility was to comprise a 1,700m² office and meeting space for tech start-up companies, with a café and terrace overlooking the River Leen and associated balancing pond.

The scheme was designed to promote cross-fertilisation and collaboration between resident companies with a large

central atrium with feature stairs wrapping around a central exhibition and co-working space.

Rooftop PV panels and a focus on exposed thermal mass help provide a predicted BREEAM Excellent rating.

Sherwood Forest Visitor Centre

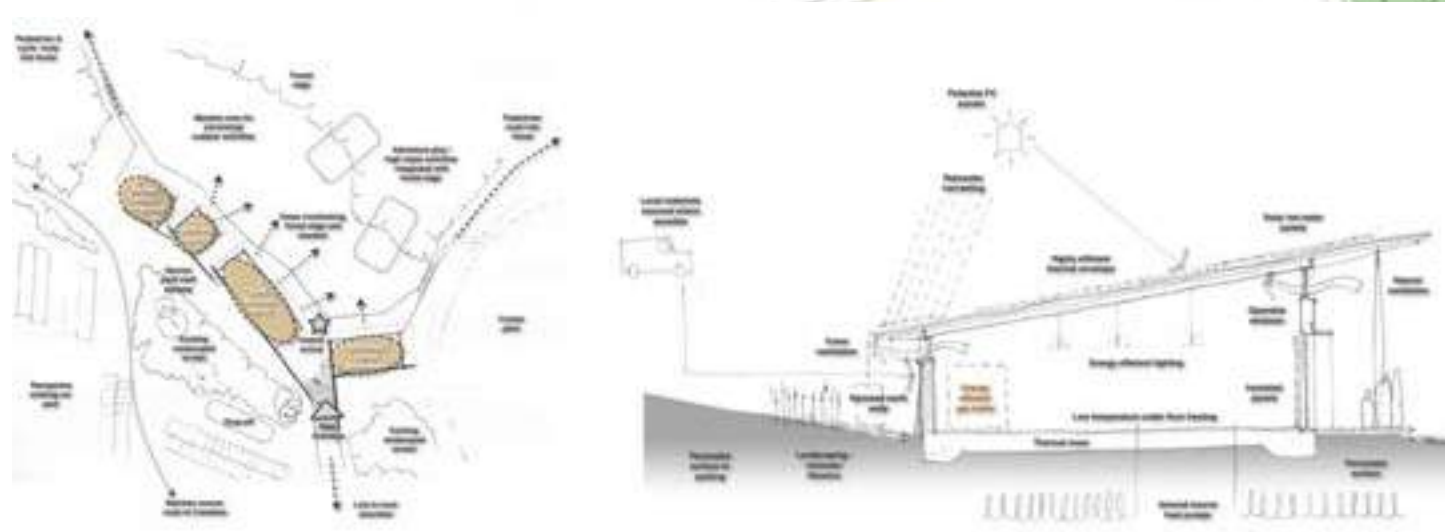
Nottinghamshire

Client: Parkwood Leisure

Sector: Leisure & Culture

Key Facts:

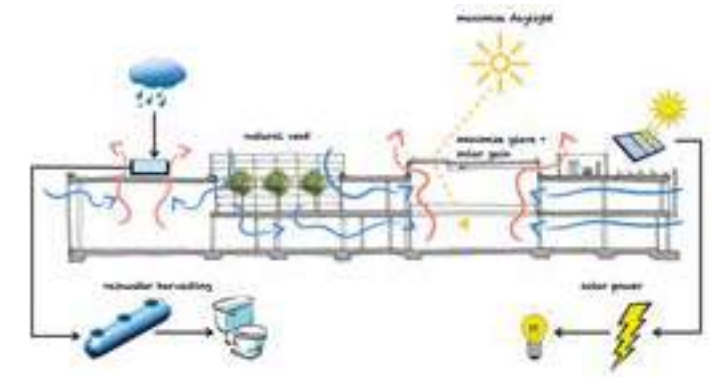
- **maber** worked with Parkwood to bid through a competitive dialogue process to Nottinghamshire County Council for the design, construction and long term management of Sherwood Forest Visitor centre
- The proposed new Visitor Centre has been designed to clearly connect with the local context. From the central arrival point, between the visitor information and café buildings, visitors can clearly orientate themselves towards the forest following the external paths along the length of the building facade and onto the forest trails heading to the Major Oak
- In addition, a strong axis has been created which orientates visitors towards the existing Art and Craft Centre and Youth Hostel on the opposite site of Forest Corner.





Industrial Campus

Derby



Client: Undisclosed

Sector: Industrial & Advanced Manufacturing

Key Facts:

- The building brings together groups and functions within the business into one facility
- It has been divided into 4 primary zones: technical, office environment, front of house and transient team zone, that respond to the workforce activities, whilst creating an environment that encourages collaboration and a social culture
- The vision was for the building to have its own personality, to inspire the workforce, but encapsulate the company brand and to be a shared resource across a wider campus
- Overall the building needed to be functional, intuitive, restrained and flexible
- Facilities include: workspaces, meeting spaces (formal & informal), chemistry labs, heavy experimental space, exhibition and visitor / customer areas.

RIBA Stages 3 and 4

Developed Design / Technical Design

• Portland College, Mansfield	33
• Saffron Court, PRS Development, Nottingham	34
• Guernsey College of Further Education, Guernsey	35
• New Walk Museum, Leicester	36
• Akaal Primary School, Derby	37
• Short Hill, The Lace Market, Nottingham	39
• Guildhall Place, Nottingham	41
• Newark Fire Station, Newark	43
• Old Place Yard, Bicester	44
• Exchange Buildings Refurbishment, Nottingham	45
• Various LCC Schools, Leicester	46



Portland College - Site Schemes

Care Home Village Feasibility Study



Client: Portland College
Sector: Residential - Care

Key Facts:

maber have carried out a site specific feasibility study for a new care home village to replace the existing Laurels and Elms buildings in the south west section of the campus.

The existing buildings are not in full occupation or use, with the exception of part of the Elms, which includes a fully equipped Hydrotherapy pool. The pool is rented out for external use and forms part of Portland's business model.

It is thought that a care home village will regenerate this underused area and also provide learners with new facilities for practical teaching & learning.



Client: Cassidy Group
Sector: Residential - Private Rental Sector

Key Facts:

- New build private rented sector scheme, providing 350 apartments in one and two bed units
- High quality external space with two raised courtyards and landscaped decks
- A central reception, with concierge service, post and grocery storage will provide the focus of the scheme. Amenities will also include a gym, residents' lounge and meeting space
- Ground floor units have direct access to the street, reinvigorating the local streetscape, whilst the upper storeys step back to provide roof terraces
- Revised Planning Approval through Section 73 secured in January 2017.

Newstart Building Conversion Feasibility Study

Client: Portland College
Sector: Sports Facilities

Key Facts:

maber have inspected and reviewed the existing Newstart building and developed a strategy to convert the building for alternative uses such as sports. The challenge has been accommodating a number of different uses whilst retaining the performance function which currently exists within the space.



Saffron Court

Nottingham

Guernsey College of Further Education

Guernsey

Client: Guernsey College of Further Education
Sector: Further Education



Key Facts:

- 15 site options appraisals were undertaken and evaluated for educational uses
- A schedule of accommodation was developed following review of pupil numbers, guided learning hours and space utilisation factors
- Six options were selected for preliminary reviews.



Client: Leicester City Council
Sector: Leisure & Culture

Key Facts:

maber won a mini design competition to develop a concept for an improved entrance reception and circulation between ground floor and upper storey galleries. A deliverable scheme to a restricted budget were key requirements.

The scheme proposes new finishes, lift access and feature staircase. The form of the staircase has been inspired by an ammonite fossil. Using the fossil's natural geometry to set-out the staircase has led to a dramatic sweeping form.

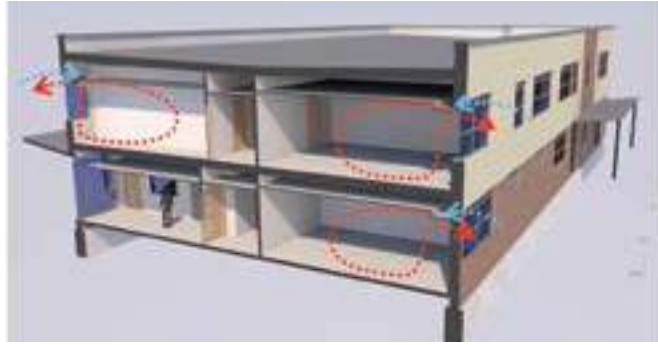
The project was approved by the Mayor of Leicester in the Autumn of 2016.



New Walk Museum

Leicester





Akaal Primary School

Derby



Client: EFA (Education Funding Agency)

Contractor Client: GF Tomlinson

Sector: Primary Education

Key Facts:

An Independent school for the Akaal Primary Trust through the EFA Free School programme. The scheme will provide a permanent home for the growing school, currently located on a temporary site and will accommodate 2FE Primary for 420 pupils.

The site topography has been the main driver in positioning the building on this previous school site, with the building located on the existing plateau and the playing fields being provided to the south.

The design seeks to maximise potential use of the site, using both existing site features and providing space for expansion.

A two storey building to the centre of the site was the most logical, affordable and appropriate solution, that ensured

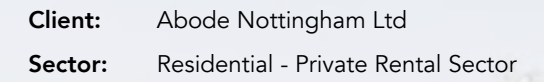
the playing field was maximised and groundworks minimised.

Offsetting the linear forms of the sports hall and rows of classrooms allowed the distinction of elements to be clear and created a building with architectural interest and avoided a potential formless solid mass.

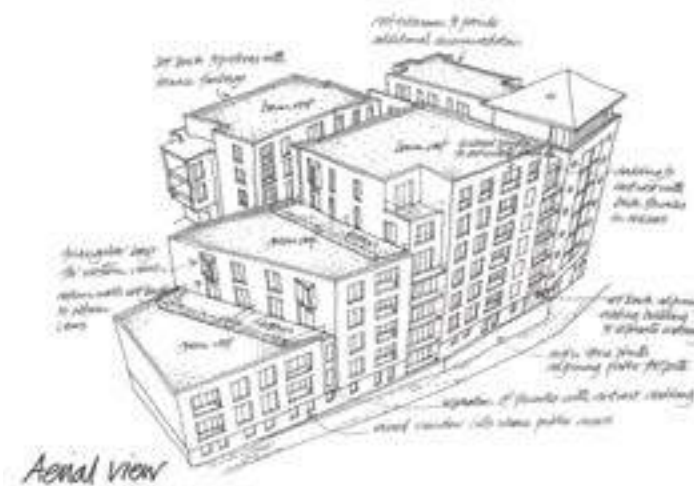
The school has been adapted from the EFA standard model to meet the client requirements of the Sikh Trust and an open faith learning direction for its pupils. A move has been made away from traditional single classrooms to combined year group collaborative spaces in line with the community approach of the Trust.



Nottingham



- Conversion and restoration of four existing Listed buildings combined with two new build blocks, of five and seven storeys, configured around a central landscaped courtyard
- The site is located on the Lace Market escarpment
- The project represents a great opportunity to repair the historic fabric of the area, restoring the street scene to Short Hill as well as the cliff frontage to Malin Hill
- The scheme consists of 115 dwellings and includes 26 basement car parking spaces.





Guildhall Place

Nottingham

Client: Miller Birch

Sector: Mixed use

Miller Birch have been selected as the preferred developer for the 2.4 acre Guildhall site in Nottingham City Centre, having previously delivered the 9,750m² Trinity House office development on behalf of occupier E.ON UK in 2014.

Nottinghamshire Fire and Rescue and Nottingham Police vacated the site during 2015/16.

The scheme includes proposals for the re-use and extension of the former Grade II Listed Guildhall building, potentially as a boutique hotel.

A range of development options and uses are being explored and Miller Birch are undergoing extensive market testing to help secure future end users.

The scheme is likely to involve undercroft parking spaces and there will be a series of significant landscaped areas as part of the improved public realm.



Newark Fire Station

Newark



Client: Turner & Townsend / Nottinghamshire Fire & Rescue Service

Value: £2.5m

Sector: Blue Light

Key Facts:

- A new build, 3 engine fire station with training tower and external training yard, procured via the ESPO framework. Built on the same site as the existing 1960s building, the existing service is to remain operational during the construction period. Upon completion, the former facility and remaining land will be sold.



Old Place Yard

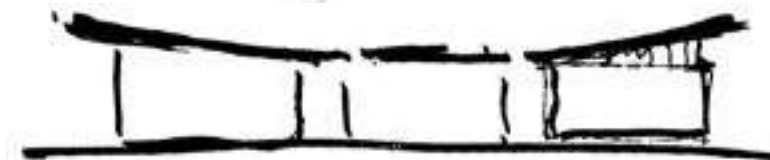
Bicester

Contractor Client: Willmott Dixon Housing

Sector: Residential - Care

Key Facts:

- The development comprises three separate new build schemes on individual plots
- Located on the site of a former priory with a Listed dovecote
- Our team worked alongside a specialist autism advisor and specialist interiors consultant to design self-contained dwellings for residents with all levels of disability on the the autism spectrum and self-contained dwellings for residents with severe physical disabilities.





Exchange Buildings Refurbishment

Nottingham

Client: Nottingham City Council

Sector: Workplace

Key Facts:

- The brief is to clean, restore and refurbish the whole interior of the Grade II* Listed Exchange Buildings South in order to provide high quality office accommodation in the city centre for Nottingham City Council to let
- The proposed accommodation will include open plan office space, meeting rooms, boardroom and marketing suites on each floor.



Various LCC Schools

Leicester

Client: Leicester City Council

Sector: Secondary Education



maber were commissioned to assess the feasibility of extending eight secondary schools in Leicester to accommodate increases in intake of approximately 2,000 students by September 2018.

The eight schools were:

- Judgemeadow Community College
- Crown Hills Community College
- Rushey Mead Academy
- City of Leicester College
- Babington Community College
- Soar Valley College
- English Martyrs' Catholic School
- St Paul's Catholic School



RIBA Stage 5

Construction

• Junior School Extension, Nottingham High School, Nottingham	49
• Trelleborg Centre of Excellence, Retford	51
• Radcliffe Road Stand Extension, Trent Bridge Cricket Ground, Nottingham	52
• New facility for Engineering, Computer Science and Maths, University of Lincoln	53
• Lumis, Leicester	55
• ISTEK STEM Laboratories, Nottingham Trent University	57
• One Hockley, Nottingham	59
• The Great Hall, Leicester Castle, Leicester	60
• Rolls-Royce UK Discs Facility, Washington	61
• The Nottinghamshire Golf and Country Club	62
• Priority Schools Building Programme	63
- Hertfordshire	
- Luton	
- Reading	



Junior School Extension

Nottingham High School

Client: Nottingham High School

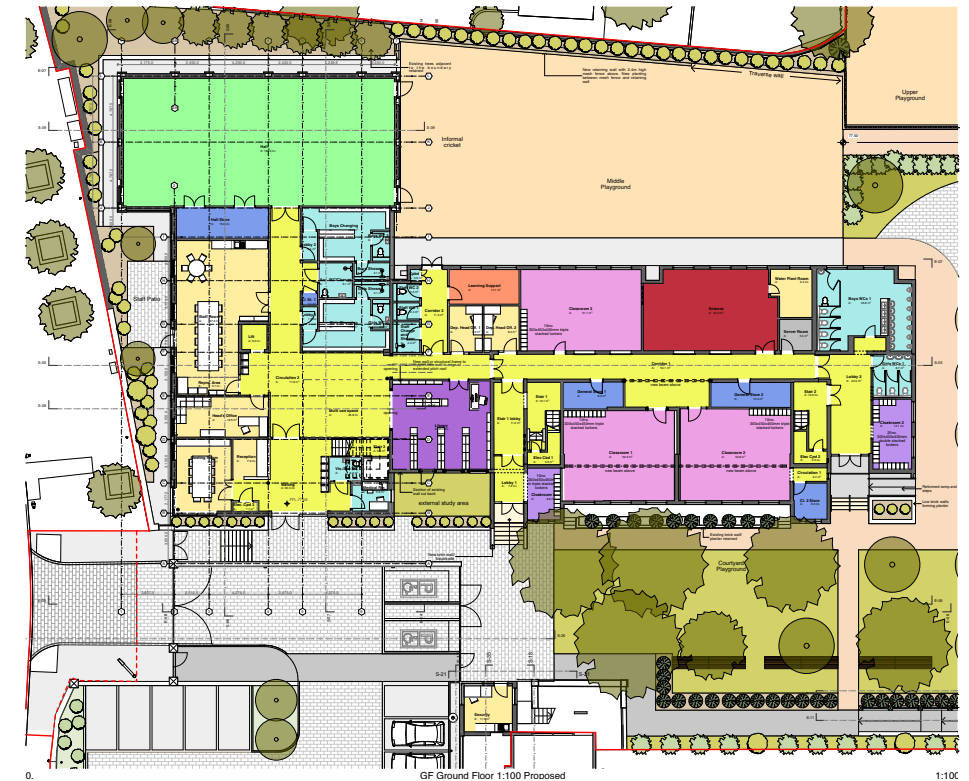
Value: £3.2m

Sector: Primary Education

Key Facts:

The broad scope of this project will include:

- Extending the Junior School to increase pupil capacity
- Providing 3 additional classrooms in addition to the specialist rooms such as ICT, Science and Art and DT
- Increasing and improving playground space for the Junior School
- Improving visitor and staff parking facilities and vehicular access
- Changes to include demolition of existing buildings.





Trelleborg Centre of Excellence

Retford

Contractor Client: Bowmer & Kirkland
Employer Client: Miller Birch
Value: Approx. £5m
Sector: Industrial & Advanced Manufacturing

- Key Facts:**
- 7,200m²
 - Bespoke purpose built Centre of Excellence for a new production facility
 - The centre is a contemporary and energy efficient building
 - Designed to be flexible and robust to meet the needs of Trelleborg today, as well as their future requirements
 - The main production space is single storey under a 4 degree dual pitch roof with rooflights that allow natural daylight into the space
 - Office accommodation is provided over two storeys
 - The external fabric is constructed to a high level of thermal performance with enhanced U-values.



Client: Nottinghamshire County Cricket Club
Value: Undisclosed
Sector: Sports Facilities

maber have worked with NCCC for over 20 years. This latest project involves improvements and expansion to the Radcliffe Road Stand to:

- Increase and improve the provision of broadcast facilities in line with spatial and technological demands of expanding global media coverage
- Provide an opportunity to benefit from increased hospitality provision within the Radcliffe Road Stand to include a 120 cover restaurant
- Improve access through the replacement of the existing lifts
- Maintain the character of Trent Bridge, with its mixture of modern and traditional architecture.



Radcliffe Road Stand

Nottinghamshire County Cricket Club

New facility for Engineering, Computer Science & Maths

University of Lincoln

Client: University of Lincoln

Contractor Client: Phase 1 - Kier Construction
Phase 2 - BAM Construction

Value: Circa £30m

Sector: Higher Education

Key Facts:

The project is to deliver expanded educational

and support facilities within the College of Science plus new University shared facilities. The two phase development comprises:

- An expanded School of Engineering
- An expanded School of Computer Sciences
- A new School of Maths and Physics
- The College Office

- Further accommodation for Siemens Industrial Turbomachinery Ltd

- A 500 seat lecture theatre

- A Southside Campus catering facility.

The College accommodation to be provided is a mixture of laboratories, workshops, teaching areas, seminar rooms, office space and lecture areas.



Lumis

Leicester

Client: Southgate Halls Limited
Contractor Client: Winvic Construction
Value: circa £29 million
Sector: Residential - Student accomodation

Key Facts:

- **maber** is responsible for the architecture, landscape and interior design
- Four buildings set around a central courtyard
- Mix of studio and cluster arrangements providing 567 bed spaces
- Large area of amenity space including social and study areas, gym, cinema room, community kitchen and laundry.





ISTEC STEM Laboratories

Nottingham Trent University

Nottingham



Client: Nottingham Trent University

Value: £11.7m

Sector: Higher Education

Key Facts:

ISTEC (Interdisciplinary STEM Teaching and Engagement Centre) is a new facility which contains state-of-the-art research and teaching laboratories and workshops for undergraduate and postgraduate students in Biosciences, Physics, Chemistry, Sports Science and Computing.

- Wide span, column free spaces optimise future reconfiguration and adaption opportunities, fulfilling the University's aspirations to enable future expansion and growth
- Site selection and layout allows for infrastructure and services for anticipated adjacent development phases, including a central shared science store facility
- Includes a showcase atrium space and shared collaboration space
- The scheme is on course to achieve a BREEAM Excellent rating as well as an Energy Performance Certificate (EPC) A Rating. The design also benefits from inclusion of PassivHaus design principles, where appropriate.



One Hockley

Nottingham

Client: Futureform Global Investments
Value: circa £5m
Sector: Residential - Student accomodation

Key Facts:
One Hockley project consists of 131 student beds, comprising self contained studios and cluster bedroom units with shared kitchen dining rooms. Built over 8 storeys plus basement there is also a reception area, laundry, gym and lounge for the students as well as a retail unit included on ground floor.
The residential element of the project uses the Futureform Building System modules, manufactured and assembled, including services and finishes, off site, offering improved acoustic, thermal, air tightness performances and quicker overall build. The modules, once erected, are finished externally in render and/or rainscreen cladding.

Great Hall

Leicester Castle

Leicester

Client: De Montfort University

Value: £2.34m

Sector: Higher Education

Key Facts:

- The Grade I Listed Building is being restored to become De Montfort University's new Business School
- Original features will be retained to create unique teaching and seminar spaces
- Use of a dramatic new lighting scheme will emphasise the historic 16th century roof structure.



Rolls-Royce UK Discs Facility

Sunderland

Client: Rolls-Royce

Value: Circa £16m

Sector: Industrial & Advanced Manufacturing

Key points

A new facility to manufacture a range of components for in-service engines. The new Fleet Support plant is expected to be fully operational in 2018 and will sit alongside Rolls-Royce's world-class UK Discs manufacturing facility, which officially opened in June 2014.

The new 8,000m² facility will have the capacity to manufacture well over 1,500 fan and turbine discs a year for use in a wide range of existing engines.

The facility is designed to provide a highly serviced, temperature controlled environment with high levels of natural lighting, and integrate multiple specialist production processes.



Key Facts:

The Nottinghamshire Golf & Country Club is a very successful golf club and is also popular as a wedding and conference venue.

maber have worked with the Club for a number of years in developing and enhancing the various leisure facilities and improving the visual appearance of the site.

This latest development saw the conversion and extension of the former

Greenkeeper's workshop and stores, transformed into a high quality, 18 bedroom, boutique hotel.

Intrinsic landscaping ensured the scheme worked in harmony with the surrounding landscape's visual character.

Careful measures were taken during construction as the building is attached to a Listed wall, that formed part of the walled garden of the original Grade II Listed Manor House.



The Nottinghamshire

Golf & Country Club

Nottingham



Client: The Nottinghamshire Golf Club

Value: Undisclosed

Sector: Leisure & Culture



maber have acted as lead design consultant on 3 new secondary schools as part of the Priority Schools Building Programme: Hertfordshire, Luton and Reading.

Client: Interserve Kajima

- Reading School for Girls (c. £9m)
- Longdean School (c. £12m)
- Westfield Academy (c. £14m)

Key facts that apply to all

- BREEAM Very Good or Excellent
- Standardised batchwide designs and implementation
- Developed from 'kit of parts' toolkit developed for the framework
- Fabric first approach with increased insulation values and air tightness performance well over that of the standard Building Regulations requirements.



Priority Schools Building Programme

Hertfordshire, Luton & Reading

RIBA Stage 6

Handover and Close Out

• Number One, Cathedral Green, Derby	67	• Derby Priority Schools Building Programme	
• Riverside Chambers, Derby	69	- Allestree Woodlands Academy	95
• Blaby Depot, Leicestershire	70	- Asterdale Primary School	97
• Premier Inn, Derby	71	- Reigate Primary and Nursery School	99
• AgriSTEM Campus, Rodbaston	72	• Sports Pavilion, Victoria Embankment, Nottingham	100
• Brooksby Melton Campuses, Leicestershire	73	• West Midlands Priority Schools Building Programme	101
• Rolls-Royce On Wing Repair Centre, Heathrow	77	- Moorgate Primary School	
• Derby Manufacturing UTC, Derby	78	- Clough Hall Secondary School	
• Controls and Data Services, Solihull	79	- Edward The Elder Primary School	
• Knowsley Community College, Liverpool	83	- Hall Green Primary School	
• WMG Academy for Young Engineers, Solihull	87	- Gnosall Primary School	
• Space2 Creative Centre, Nottingham	91	- Turves Green Secondary School	
• Medway UTC, Kent	93	- Harvills Hawthorn Primary School	
• Rolls-Royce XWB, Derby	94	- Wood End Primary School	





Number One

Cathedral Green

Derby

Employer Client: Wilson Bowden Developments

Contractor Client: Clegg Construction

Value: £5.26m

Sector: Residential - Private

Key Facts:

- Part of a major mixed used urban regeneration scheme that includes residential, offices, retail and restaurant units
- The riverside residential element has a total of 46 apartments - 4,167m²
- Located adjacent to a World Heritage Site on the banks of the River Derwent
- Designed to connect visually and physically with the newly landscaped parkland of the adjacent Cathedral Green.



Riverside Chambers is an office development which involved the reinvention and refurbishment of the former City Magistrates Court building, which was originally built in 1936.

The project was carried out for Wilson Bowden Developments and the tenant, Derby City Council, at a cost of approximately £2.5million. The main

contractor was Clegg Construction of Nottingham.

The scheme involved the repair and conversion of the whole building, including former court rooms and police cells, to create a modern office environment.

The project won the Derby Civic Trust and the George Rennie Conservation awards.

Riverside Chambers

Derby

Client: Wilson Bowden Developments

Value: Circa £2.5m

Sector: Workplace



Client: Blaby District Council

Contractor Client: Wates Construction

Value: Circa £6m

Sector: Workplace



Blaby Depot

Leicestershire

New vehicle maintenance depot for Blaby District Council. The sleek, simple design rethinks mundane industrial buildings and provides a stylish modern facility that is sympathetic to its surroundings. The scheme houses an administration area, operational staff facilities, fully equipped training room and a state of the art vehicle servicing area with the ability to expand in the future.





Premier Inn

Derby

Employer Client: Wilson Bowden Developments

Contractor Client: Clegg Construction

Value: £6.05m

Sector: Hospitality & Conference

Key Facts:

- New build hotel forms part of the phased development of former Police Headquarters site, in a prominent riverside area
- Comprises 118 bedrooms, six of which provide access for wheelchair users
- Ground floor includes a restaurant, kitchens and service areas, bar and staff accommodation
- Total of 4,191m²



Client: South Staffordshire College

Contractor Client: GF Tomlinson

Value: £5.3m

Sector: Further Education



New AgriSTEM academy on a 180 acre rural college campus. Part of a 3-phase development involving new build, renovation and refurbishment. The AgriTECH motor vehicle workshop is a new build facility used by students studying automotive & land based

AgriSTEM Campus

Rodbaston

engineering. The building is complete and has been handed over. The final phases include the sympathetic renovation of the former granary building, that will include the retention of key historic features.





Brooksby Melton Campuses

Leicestershire

Client: Brooksby Melton College
Contractor: Bowmer & Kirkland
Value: Circa £11.5m
Sector: Further Education

maber have worked with the college for a number of years providing top class facilities for their students as part of the College's £27m masterplan.

Lakeside Campus: £9m

Purpose built college campus formed as a cluster of five buildings designed with an agricultural vernacular that responds to the strong character of the surrounding estate.

- Classrooms & specialist engineering rooms for courses such as motor vehicle maintenance and construction (brick, joinery, plastering, painting & decorating), washroom facilities and social space
- New 4 court sports hall with 3G pitch
- Commercial greenhouse with rainwater harvesting.

The Hives Campus: £2.5m

- Extension to the Animal Care Centre
- New equine Rehabilitation Centre
- Includes equine solarium and aqua treadmill as well as a floodlit ménage.

"The College are amazed at the end product. Students and staff now have access to 'best in class' facilities!"

Chris Ball
Chief Executive
Brooksby Melton College



Brooksby Melton Campuses

Leicestershire

Brooksby Melton College required a new purpose designed facility for their vocational courses.

A rationalisation of their estate across several campuses, with aims to reduce running costs and commuting times for staff and students, resulted in a masterplan that identified a suitable site.

Located adjacent to the Grade II* Listed Brooksby Hall and Church, the triangular field leant to a linear arrangement of buildings that reflected the lines of the field boundaries. This arrangement linked the other buildings on the 850 acre site with a ribbon development creating a heart in the middle.

Designed with a combination of single and two storey buildings with various roof angles and projections, the campus developed with an agricultural scale and mass, in keeping with many of the other surrounding buildings. The design respected the open views in the landscape and more importantly the church spire of St Michaels.

The eye catching but sensitive BREEAM Excellent design has a splash of contemporary materials and compositions, providing the college with a sustainable modern facility in a rural setting.





Rolls-Royce On Wing Repair Centre

Heathrow



Client: Rolls-Royce
Value: Circa £7.5m
Sector: Industrial & Advanced Manufacturing

The new On Wing Repair Centre provides round-the-clock specialist maintenance and support for aero engines. This 8,800m² facility includes a state-of-the-art engine workshop four times larger than the previous Rolls-Royce service centre at Hatton Cross, Heathrow. The centre can store up to 30 large gas turbines and engineers will be able to work on up to 13 of the latest generation Trent engines at any one time.



Client: Derby Manufacturing University Technical College
Contractor: BAM Construction
Value: £9.5m
Sector: Further Education

Key Facts:

- Dedicated to developing engineering and technology skills in young people
- Partnership between Derby College, The University of Derby, Rolls-Royce Plc, Toyota Motor Manufacturing (UK) Ltd and Derby City Council
- The scheme was opened by HRH Princess Anne.



Derby Manufacturing UTC

Derby

Controls and Data Services

Birmingham Business Park

Solihull

Client: Controls and Data Services
(Part of the Rolls-Royce Group)

Value: £50m

Contractor: BAM Construction

Sector: Industrial & Advanced Manufacturing

“**maber** have been an outstanding partner throughout a long and complex journey from concept through to completion of a very bespoke building which will transform the way we work as a business. Our building is very much a one-off, but if we were to develop another facility of this type we would have no hesitation in working with them again.”

Stuart Baker

Site Strategy Executive
Rolls-Royce Controls Systems





Controls and Data Services

Birmingham Business Park

Solihull

Controls and Data Services is part of the Rolls-Royce Group. The prime focus of their business is designing, developing and manufacturing the fuel delivery and engine management systems for Rolls-Royce's aero engines.

maber were appointed as Lead Consultant to design their new headquarters and manufacturing facility to improve the efficiencies of their operations.

The 26,000m² bespoke building has the capacity to house up to 1,600 employees and is located on Birmingham Business Park, replacing CDS's two existing plants. The high tech facility incorporates innovative solutions to create a fully integrated office, manufacturing and engineering facility with offices, laboratories and test areas and brings together the formerly separate functions.

Cleanliness, openness, flexibility and a high level of daylight were key requirements of CDS's brief as well as a facility that will reflect the high tech nature of their business, showcase their products and help recruit and retain the highest calibre of staff.

Knowsley Community College

Liverpool

Client: Knowsley Community College

Value: £8.2m

Contractor: John Turner Construction

Sector: Further Education

Key Facts:

- Relocation of the existing college to a new site
- Alterations to and remodelling of the existing PFI building
- New annexe building - 3,200m²
- New external hard and soft landscape
- Future fridge link
- Upper floor has a live broadcasting radio station - KCC Live.





WMG

Academy for Young Engineers

Solihull



Client: BAM Construction / Warwickshire Manufacturing Group

Value: £10m

Sector: Further Education

Key Facts:

- A three storey, 5,600m² new build University Technical College to accommodate 640 students
- Showcase double height engineering workshop with mezzanine above
- Triple height 'learning steps' lecture theatre at the heart of the building
- Includes extensive landscaping and entrance plaza
- Large flexible teaching spaces
- Feature roof lights providing natural light.

WMG

Academy for Young Engineers

Solihull



Space2 Creative Centre

Nottingham

Client: Nottingham City Council

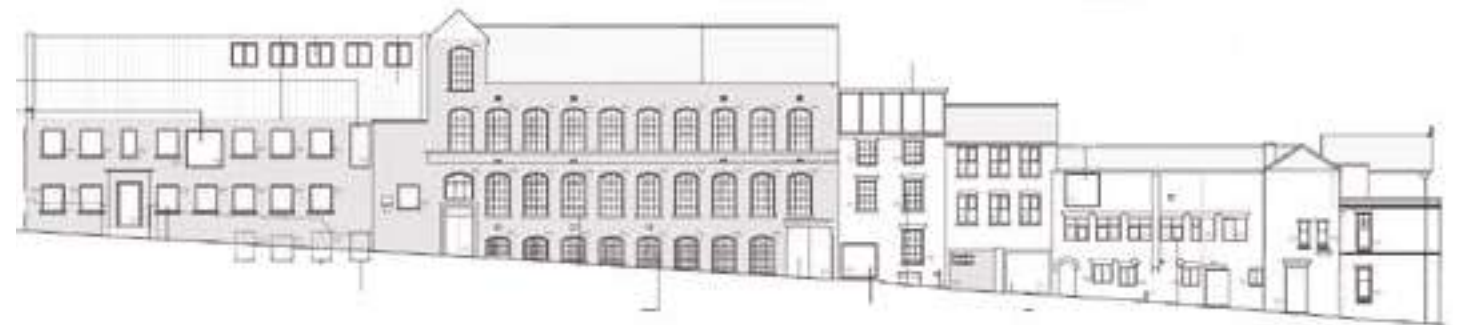
Contractor Client: Wates Construction

Value: £6m

Sector: Workplace

Key Facts:

- New hub for small and medium sized digital and creative businesses in refurbished and extended historic mill buildings
- Workshops, offices, studio units, meeting rooms and networking spaces
- Funded by Nottingham City Council and ERDF
- Includes specialist dance studio for tenant, Dance4 and bespoke recording space, TV studio and media spaces for Confetti Media.





Medway UTC

Kent

Employer Client: Medway UTC

Contractor Client: Bowmer & Kirkland

Value: Circa £10m

Sector: Further Education

Key Facts:

- New purpose-built university technical college for 14-19 year olds
- Teaching focus is on technical specialisms of Engineering, Construction and Design alongside a traditional curriculum
- Designed to create a live learning laboratory and business-like environment for 600 students
- Accommodation includes learning resource centres, refectory, learning bases and large construction yard
- Located on Chatham Waters regeneration site
- EFA funded
- The College was opened by HRH Prince Andrew.



Rolls-Royce XWB

Derby



Client: Rolls-Royce XWB

Value: Circa £7m

Sector: Industrial & Advanced Manufacturing

The XWB project consists of 1,300m² of new assembly space as an extension to an existing facility together with approx. 900m² of new 3 storey offices which are integrated with existing offices and amenity area.

Externally the facility is part of a campus wide infrastructure redevelopment including revised internal road layouts, parking areas and new site entrances.



Derby PSBP

maber have acted as lead design consultant on 3 new nursery, primary and secondary schools as part of the Derby Priority Schools Building Programme.

Client: Bowmer & Kirkland Ltd

Sector: Primary and Secondary Education

- Allestree Woodlands School (c. £13.9m)
- Reigate Primary and Nursery School (c. £3.8m)
- Asterdale Primary School (c. £2.4m)

Allestree Woodlands School

Key Facts:

- The 2 storey South Building houses the new school reception, 6th form, English and Science Departments. The North Building houses all other subject areas including the specialist Music, Technology and Art Departments in unique, custom designed spaces
- The school site has been in full operation during the construction period with the new buildings threaded between the existing
- The new steel framed building has been designed to tie in and complement the retained main hall block
- Externally the elevations comprise of a blue brick plinth with render and metal cladding panels above. School brand colours have been integrated into the elevations
- All of the classrooms are provided with individual environment monitors allowing the teacher to control the fresh air supply and CO₂ extraction enabling them to create their own teaching environment whilst working with the intelligent Building Management System (BMS) to manage energy efficiency across the site.

Key Facts:

- Efficient single storey primary school
- Unique acoustic design due to location adjacent to busy A-road
- Developed from 'kit of parts' toolkit of standardised details, established for the framework
- Increased insulation values and air tightness performance well over that of the standard Building Regulation requirements through utilisation of Structurally Insulated Panel (SIP) construction.





Derby PSBP

Reigate Primary and Nursery School

Key Facts:

- Successful prototype school for first project on framework
- Specialist acoustic design to house the hearing impaired unit for the city
- Developed from 'kit of parts' toolkit of standardised details, established for the framework
- Increased insulation values and air tightness performance well over that of the standard Building Regulations requirements through utilisation of Structurally Insulated Panel (SIP) construction.



Sports Pavilion

Victoria Embankment, Nottingham

Client: Trent Bridge Community Trust (Nottinghamshire County Cricket Club & Nottinghamshire Cricket Board), Nottingham City Council

Sector: Sports facilities

Cost: £750,000

maber was one of more than 50 local partners, who gave their services pro bono and helped to design and build the brand new cricket pavillion on Victoria Embankment at the Meadows Recreation Ground.

The new clubhouse, which will be used for cricket in the summer and junior football in the winter, has four changing rooms, toilets, showers, disabled access, rooms for officials, kitchen area and an external viewing area.

The design keeps the spirit and charm of the original pavilion but the new modern facilities are accessible to all.

The clubhouse provides a superb resource for the local community and will encourage the continued playing of cricket by local clubs and enable people in Nottingham to take part in and enjoy sport.



West Midlands PSBP

Client: Interserve Kajima

maber acted as lead design consultant on 8 primary and secondary schools that formed the West Midlands PSBP batch, all completed during 2016.

- Moorgate Primary School (c. £3.2m)
- Clough Hall Secondary School (c. £11.5m)
- Edward The Elder Primary School (c. £2.6m)
- Hall Green Primary School (c. £3.9m)
- Gnosall Primary School (c. £3.2m)
- Turves Green Secondary School (c. £9.1m)
- Harvills Hawthorn Primary School (c. £3.9m)
- Wood End Primary School (c. £2.6m)



maber

Talk to us...

Nottingham

St Mary's Hall
17 Barker Gate
Nottingham
NG1 1JU
Tel +44 (0) 115 941 5555

Derby

8 Riverside Court
Pride Park
Derby
DE24 8JN
Tel +44 (0) 1332 208800

Leicester

Suite 3a
24 De Montfort Street
Leicester
LE1 7GB
Tel +44 (0) 116 249 2919

London

Kings Place (The Music Base)
90 York Way
London
N1 9AG
Tel +44 (0) 207 014 2801

Birmingham

Imperial & Whitehall
23 Colmore Row
Birmingham
B3 2BP
Tel +44 (0) 121 794 8969

maber.co.uk