Project Year Book 2017

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Great to work for.

architecture / interiors / landscape / masterplanning
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2017 marked another productive year for the practice, but as ever we remained grounded in the continuing uncertain economic and political climate. Education, commercial, residential and industrial sectors were the mainstay in terms of workload with a few high profile leisure and cultural projects. Conversion of The Great Hall in Leicester was our first completion of a Grade I Listed Building refurbishment on behalf of De Montfort University.

We completed a number of major school projects across the country in the Priority Schools Building Programme and assisted Kier to win a £90m batch covering the Midlands Region. There were a number of key project completions in the further and higher education sectors with student accommodation and private rental sector apartment projects adding to the rich portfolio mix.

Our interior and landscape teams made significant contributions on a number of major projects and we are confident that both disciplines will continue to grow and flourish through 2018 and beyond.

There was a recognisable step change in the scale of projects across the practice with a few of our commercial and mixed use schemes exceeding £120m in construction value. In order to meet the range of diverse challenges, we strengthened our management team and core design delivery teams in all offices to provide more resilience in terms of resources and expertise. We moved offices in London to facilitate our growth and we introduced a number of new staff in Birmingham to strengthen the team.

We placed significant investment in our IT infrastructure in order to keep our five offices working collaboratively and saw immediate benefits in terms of flexible working, productivity and improved communications. Further developments in BIM and Virtual Reality modelling software have created major benefits for our clients on a diverse range of projects. In July we won the Graphisoft BIM Project of the Year for the Isaac Newton Building at the University of Lincoln which justifies our commitment to the technology and positions maber as an industry leader.

On reflection 2017 was a key investment phase for the company, both in terms of client projects and the business as a whole. Based on our order book at the start of 2018 we are already seeing the return on investment and it looks like the coming year will be as challenging and rewarding as ever.
Developers/Investors/Funds

- Amberside Investments
- Cassidy Group
- Cedar House Investments
- City Estates London
- CKC Properties
- Clowes Developments
- Dunbar Leisure
- Goldev
- Goodman Wells
- Grants of Shoreditch
- Hofton
- Kadima Properties
- Llothby Investment Management
- Mascoll Properties
- Megaclose
- Miller Birch
- Mill Lane Estates
- Morgan Hill
- New Leaf Investments
- Red Homes Healthcare
- Regal Property
- RST Properties London
- Trent Pads
- Wigmore Associates
- Wilson Bowden Developments
- Viridis Real Estate

Clients

Corporate/Private/Education

- Anglia Ruskin University
- Bombardier
- Central Source
- Derby College
- De Montfort University
- Greenwood Academies Trust
- Knowsley Community College
- Nottingham High School
- Nottingham Trent University
- Nottinghamshire County Cricket Club
- Portland College
- Rolls-Royce Aerospace
- ROMO Group
- The Nottinghamshire Golf & Country Club
- The Spencer Academies Trust
- Transform Schools
- Trent College
- Trevelaor
- University of Lincoln
- University of Nottingham

Contractor Clients

- B&K Building Services
- BAM Construct UK Ltd
- Bowmer & Kirkland
- Bouygues
- GF Tomlinson
- Interserve Kajima
- Kier Construction
- McLaurghlin & Harvey
- Morgan Sindall
- Osborne Construction
- Watts Construction
- Willmott Dixon Construction
- Winvic Construction

Public Sector/Charitable Trusts/Community

- Ashfield Rugby Club
- Diocese of Southwell
- Derby City Council
- EM Reserve Forces and Cadets Association
- Leicester City Council
- Melton Borough Council
- Nottingham City Council
- SE Reserve Forces and Cadets Association
- The Foyle Foundation

Other

- Atkins
- Arcaid
- Armas & Partners
- Faithful+Gould
- Turner & Townsend

Awards

- 2017 Insider Midlands Residential Awards Winner - Architect of the Year
- 2017 Education Estates Awards Finalist - Architectural Practice of the Year
- 2017 Graphisoft Awards Winner - Isaac Newton Building, University of Lincoln - BIM Project of the Year
- 2017 ProCon Awards Winner - Lumis - Large Residential Scheme Finalist - Castle Hall - Regeneration Project
- 2017 Structural Timber Awards Finalist - King’s Church of England School
- 2017 Offsite Awards Finalist - King’s Church of England School - Best Hybrid Project of the Year
- 2017 East Midlands LABC Awards Finalist - Blaby Depot
- 2017 East Midlands Constructing Excellence Awards Finalist - Blaby Depot - Project of the Year
- 2017 BCO Awards Finalist - Controls and Data Services, Solihull - Corporate Workplace
- 2017 East Midlands Property Awards Finalist - Isaac Newton Building - Design Excellence
- 2017 LABC West Midlands Building Excellence Awards Winner - Futures@SSC South Staffordshire College - Best Inclusive Building
- 2016 Graphisoft ArchiCAD BIM Awards Winner - Herefordshire, 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 Industry 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 - Broxbury Melton College Brookbury Campus - Large Non-residential category
- 2015 East Midlands Property Awards Finalist - 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 East Midlands LABC 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 - Innovation - Leisure & Tourism - Project of the Year
- 2015 Brick Awards Winner - King Richard III Visitor Centre - Design Excellence
- 2015 MIPIM Best Hotel & Tourism Resort Award Winner - Center Parcs, Woburn Forest
In May 2017 all of maber’s staff enjoyed an architectural study day in the Capital.

We began the day at our London office, meeting for a coffee with colleagues, before splitting into three groups to take our chosen tours of the ‘City’, ‘Olympic Park’ or ‘Southbank’.

It was a great day of inspiration for everyone, looking at old and new, interiors, exteriors and landscaping. Our competitive staff also took the opportunity to compare their activity trackers to see who had walked the most miles in the day!

A group dinner in the evening gave everyone chance to share their experiences and exchange ideas to take back to the digital drawing boards and of course, a chance to rest their legs and quench their thirst.
As a creative business, we encourage our team to bring their enthusiasms into the office, and we help people to develop their creativity beyond their desks.

This is why we came up with Creativity+, which sees each member of staff given a budget every year, consisting of two working days of time and £200, to pursue something creative beyond their day-to-day role.

We wanted to share with you a few examples of how some of our employees have used their budgets.

**VR technology**
A group of staff based in our Derby office pooled together their Creativity+ resources to purchase an Oculus Rift Headset, Oculus Touch controllers and dedicated Virtual Reality (VR) ready computer.

VR is an exciting technology that has applications far beyond architecture. It allows us to explore designs in intimate detail and express them to clients in a way that could not previously be achieved, even with 3D visuals.

**3D printing**
Five members of staff based in our Leicester office, clubbed their creativity budget together and purchased a 3D printer in kit form so that they could learn how it is put together and how it operates, which will help in the long term with calibration, fine tuning etc.

Starting with basic models to get a feel for how the machine works, they are now using the 3D printer to make architectural models.
This year, the UK Corporate Games, Europe’s largest annual multi sports festival for businesses, came to Nottingham and as our team are always up for a challenge we had to take part. Numerous sporting activities were held from individual to team events. A parade on the Saturday, with a carnival atmosphere, got everyone in a social mood.

Our teams that entered the dragon boat race improved as the weekend went on. Finishing around mid-table of 21 teams on the Saturday, the Sunday team really excelled. An exciting semi-final saw us pipped to the post by just one second as Notts Police paddled to be the winning team. A party for all on the Saturday evening obviously did the trick for the Sunday performance.

During the summer, maber worked with the ladies of the City WI to help dig and plant nearly two thousand shrubs and flowers to improve the little pocket park in the heart of the City’s Lace Market area.

Having toiled for lots of hours, on some very hot summer days, we were all chuffed to be rewarded with an ‘RHS In Your Neighbourhood’ award. Prior to the planting, maber’s landscape team had also given their time assisting the WI by providing planting plans and giving advice for the park.

Once again, maber mustered a team to enter the Central Occupational Health Business Team Challenge, a 10k run organised by the charity, Sporting Futures.

Our team did us proud, coming a respectable 34/56 overall – despite the scorching temperatures on the day.

Well done and congratulations to Gary, Fiona, Richard, Josh and Nathan who put themselves through their paces for a very worthy cause that aims to raise the aspirations of young people.
RIBA Stages 1 and 2

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No 7 Market Place  
Derby

Feasibility proposal to convert a Grade II Listed former bank building occupying a prime position on Market Place within the heart of Derby City Centre. The proposal considers alternative bar / restaurant use on the ground / basement floors, office accommodation on the first floor and residential accommodation on the upper floor. Frameless glazed doors provide a sense of visual connection with the vibrant Market Square.

Client:  
Macs Electrical

Sector:  
Mixed Use

Concept masterplan proposals for the regeneration of the 2.31 acre city centre site to provide a prestigious Grade A office building, university academic facilities, student accommodation and a hotel.

The site of the former Central Fire and Police Stations, the Guildhall Place development will regenerate this important area of Nottingham city centre and will include the restoration of the historic Guildhall and Grade II Listed Fire Station House buildings.

The masterplan will deliver a series of high quality iconic buildings which will enhance the wider area. Contemporary in appearance, the design approach of the new buildings and landscaping will complement and contrast with the historic buildings in the immediate vicinity. The palette of materials for the new buildings will be kept simple, the elevations incorporating quality materials to reflect the context.

The scheme incorporates active frontages for retail, cafe bars and restaurants at street and plaza level, with landscaped courtyard spaces and enhanced public realm opportunities.

Miller Birch is working in partnership with Nottingham City Council on the scheme.

Client:  
Miller Birch

Development Value:  £110m

Sector:  
Mixed Use
Melton Mowbray Market

Melton Mowbray Market is the largest town centre market in the UK and has been held since 1324. The project involved the development of the client brief and the subsequent masterplan for the redevelopment of the existing market to improve facilities and accommodate a wider range of activities, with the aim of creating a market that would open 7 days a week. The masterplan included providing an on-site brewery and new external event space creating a new centre to the market, as well as a new events hall, refurbishing existing buildings, and a new public car park.

Client: Gillstream Markets and Melton Mowbray Borough Council
Sector: Masterplanning

Dartmouth Golf Club

Designed to provide a fresh impetus for the Club with a comprehensive upgrade of the existing clubhouse facilities and a new events marquee. The clubhouse will feature a fine dining restaurant with unique 180 degree panoramic views across the golf course. The marquee will provide opportunity for the club to gain additional revenue streams from corporate hospitality events and the like. The car park layout will be altered to aid traffic flow to the marquee and increase provision whilst a vertical landscape scheme will help screen the marquee from adjacent residential properties.

Client: Undisclosed
Sector: Masterplanning, Architecture, Landscape Design

Client: Undisclosed
Sector: Masterplanning
Birkenhead Masterplan

Client: Goodman Wells
Sector: Masterplanning

A masterplanning study for a residential client to undertake an urban design analysis of Birkenhead to initially identify the context, opportunities and challenges that the area presents. The analysis looked back at the history and context of this port town, the opportunities and constraints of the existing and the future prospects of this town has sitting in the shadows of Liverpool across the Mersey. The final concept masterplan was developed with local stakeholders with the brief to “give Liverpool something to look at” creating distinct development zones, integrated transport strategy and precedents of aspirational international schemes.

Client: Clearbell Capital
Sector: Leisure

Currently, the main entrance has a disparate appearance and is visually confusing to visitors. The proposal will make improvements to the existing building by altering the main entrance facade and paving materials, renewing existing shop front signage and introducing new illuminated signage branding the leisure centre. The primary objectives include freshening up the tired appearance of the existing frontage and providing a contemporary and attractive look and feel, to advertise and promote the commercial tenants in the building and make a positive contribution to the appearance of the area. The proposals will result in a material improvement to the building facade provide a visual unity to the entrance.

DW Centre

Pride Park, Derby

Currently, the main entrance has a disparate appearance and is visually confusing to visitors. The proposal will make improvements to the existing building by altering the main entrance facade and paving materials, renewing existing shop front signage and introducing new illuminated signage branding the leisure centre. The primary objectives include freshening up the tired appearance of the existing frontage and providing a contemporary and attractive look and feel, to advertise and promote the commercial tenants in the building and make a positive contribution to the appearance of the area. The proposals will result in a material improvement to the building facade provide a visual unity to the entrance.
Chalkwell House
Brantham, Manningtree

Client: Milehall Ltd
Sector: Masterplanning, Urban Design

The Chalkwell House project proposes the transformation of a derelict, 1960s two-storey office building into private apartments. The scheme includes a third extension plus new circulation cores. Overall the project provides 38 residential units, including 15 duplex units with private ground floor access. Private cycle and car parking is provided for all units.

The regeneration of the building includes a complete revamp of the facades. The previous cladding is replaced with contemporary facing brickwork with vertically proportioned openings, and a feature rainscreen cladding to the clerestory third floor and entrances.

The building has already received a Permitted Development Right for the change of use to residential and was subject to a separate planning application for the elevational treatment and extensions.

QMC Helipad
Nottingham

Client: Interserve Construction Limited / Nottingham University Hospitals NHS Trust
Value: £3m (estimate)
Funding: Central Government Enterprise Zone Funding, Charitable Donations, NHS Trust
Sector: Healthcare

Proposals for a new raised helipad in carpark 3 at the QMC, adjacent to the Clifton flyover.

The provision of the helipad will ensure that patients arriving by air ambulance are treated as quickly as possible, reducing travel times to the Accident and Emergency Department by valuable life-saving minutes. It will also ensure that the Hospital’s status as a major trauma unit, is secured.
maber have prepared concept proposals for the redevelopment of two adjacent city centre sites at the University of Leicester to provide an enhanced student experience and quality facilities.

The scheme provides up to 1200 student beds, reception, social and ancillary facilities, plus a new 550 space multi-storey car park and a high quality public realm.

The residential accommodation is a blend of cluster, studio and 1 bed apartments, including a mix of standard, premium and shared ensuite rooms. These are provided in eight residential buildings which cascade in height from 16 to 5 storeys.

The project integrates with the existing Nixon Court accommodation, creating strong, landscaped, pedestrian routes linking through the sites and to the wider University campus. A formal, central square provides a focal heart and external events space. It is framed by the shared facilities and proposed Teaching and Learning Centre. This contrasts with the informal landscaping approach characterising the residential areas.
The residential buildings enjoy contemporary, articulated brick facades, with a strong tripartite form and feature gables addressing principal views. The car park is elevated with expressed aluminium panels and a living green wall whilst the pavilions enjoy green roofs and simple glazed facades.

The design allows for phasing of the development to maintain car parking for the University and early completion of certain elements. The scheme was developed to early stage 3, including pre-application discussions with the Local Planning Authority.

The Listed Freemen’s Cottages on the site are restored and extended with a single storey pavilion to form cafe, cinema, study and staff space. A second, matching pavilion across the central square provides student services, music, laundry, retail space plus a central energy centre.
maber’s proposal for the Place des Montréalaises international competition represents a legacy scale intervention in the fabric of the city. Creating a focal point for Montreal’s cultural life, and a bridge between the historic and present urban context.

The Place des Montréalaises International Multidisciplinary Landscape Architecture Competition called for innovative and creative solutions in the creation of a new public open space that would bridge the social, cultural and economic divide between historic Montreal and the newer expanding urban context of the city.

maber’s design proposal incorporated a bold re-imagining of the site by extruding adjacent land uses into and over the space occupied by the submerged autoroute 720 that bisects the competition site. This created an overlapping collage of form and function resulting in the formation of a new, much needed cultural core.

The upper civic component of the design forms a large flexible open space that can accommodate year round civic scale gathering and function. The extruded civic level frames out structured parking below that will provide a revenue source to the city and convenient covered connections to the adjacent Hôtel de Ville de Montréal and the Champ de Mars metro station.

Our intent was to marry historic form and narratives with contemporary urban function, providing a legacy project that would create a canvas for the cultural life of the city, and invigorate future development.
RIBA Stages 3 and 4

Developed Design / Technical Design

- Portland College Activity Centre, Ashfield
- Bemrose School, Derby
- NTU Engineering and IIDRA, Nottingham Trent University, Nottingham
- Bishop Ellis School, Leicester
- Short Hill, The Lace Market, Nottingham
- Spa Road, Bermondsey
- Guildhall Place, Nottingham
- ROMO Fabrics - Landscape, Nottinghamshire
- Waterside Primary School, Leicester
- Fullhurst School, Leicester

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Bemrose School was identified as a priority for redevelopment by the Education & Skills Funding Agency due to a shortage of school places in the school’s locality. The proposal reduces the need for temporary accommodation by deploying a phased development strategy that allows pupils to move into completed phases as part of a rolling construction programme.

Prior to the refurbishment of the Listed school, a new 3 storey teaching block will be erected to allow pupils to vacate the Listed Building. The existing school will undergo a major refurbishment with full Mechanical & Electrical upgrade works. Challenges include the presence of asbestos, access restrictions and maintaining the current entrances and egress points.

This project has been labelled as a path finder scheme to help set a national benchmark for Education & Skills Funding Agency refurbishment projects.

Client: ESFA
Value: £14m
Sector: Primary & Secondary Education

Portland College Activity Centre

maber were invited by Portland College to carry out a site specific feasibility study and masterplan for a new Woodland Activity Centre and Camp Site in the south east section of the campus that is part of Harlow Wood. The range of activities identified in the masterplan are centred around supporting the Further Education, Employment Support and Personal Care programmes that Portland College provide for people with a range of disabilities.

The feasibility study considers the flexibility of the masterplan to allow the college to utilise the Woodland Centre as part of an external service offer and revenue stream, with the potential for external group activity days, team building days, woodland and bushcraft skills and woodland management studies.

Client: Portland College of Further Education
Value: Undisclosed
Sector: Landscape Design

Client: Portland College of Further Education
Value: Undisclosed
Sector: Landscape Design

Client: ESFA
Value: £14m
Sector: Primary & Secondary Education
The Engineering Building is part of an ongoing development of the Clifton Campus with the accommodation providing a mixture of laboratories, workshops, teaching areas, meeting rooms, offices, technical spaces and support areas. The building comprises two distinct elements as part of one building, each with their own user groups. As a result the University was keen to have two entrances which would allow each user group to have their own entrance and identity within the building. Each feature entrance is cranked to address the respective square/plaza that is adjacent to them.

A simple central corridor divides the plan in half allowing two strips of space along each edge of the building. This methodology provides long-term flexibility for the building with each side capable of being divided into smaller or larger spaces as required, across the building’s lifespan. The structural philosophy has been developed in order to facilitate this long-term flexibility which helps to create a building in line with a ‘long-life, loose-fit’ philosophy.

Each main entrance is highlighted by a double-height opening in the ‘bookend’ facade which reveals a ‘lining’ to the opening alongside a double-height glazed atrium space beyond. Lighting elements in the soffit will ensure that these spaces are brightly illuminated after dark to create a glowing beacon, advertising the building’s entrances in a welcoming manner.

The bookend elements offer the chance to utilise a high-quality feature material to delineate the main entrances as the most visible elements of the building whilst utilising a more cost effective material on the remainder of the building.
Bishop Ellis Catholic Primary School

Located on a constrained site in Leicester, the school is being redeveloped under the Priority Schools Building Programme. The existing school building has reached the end of its useful service life and is due to be demolished over three separate phases to allow a new school to take its place. The new facility will increase the pupil capacity from 350 to 420 places.

The project has been complicated by the requirement for temporary classroom accommodation, servicing and access requirements throughout construction with only a single vehicle width access road.

The Catholic school has a strong religious presence, encompassing daily mass, liturgies and other religious events which parents and the wider community are invited to. With additional funding contributed by the Diocese for future proofing, the project has been carefully considered to offer new facilities suitable for teaching and learning whilst retaining the ethos of providing a place for worship.
Client: Abode Nottingham Ltd
Sector: Residential - Private Rental Sector

The scheme involves the 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, looking down onto the southern approach from London Road and frames the landmark view of St. Mary’s Church.

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 117 dwellings and includes 27 basement car parking spaces.
This 200 studio bedroom student accommodation development is set on a tight urban infill site in Bermondsey Spa Gardens, Southwark. The site is ideally placed to provide purpose built student accommodation within five miles of six London Universities and will help reduce the demand on the local housing supply.

The scheme includes amenity space, communal lounge, gym and cycle storage for the residents. Located next to a Grade II Listed Tibetan Buddhist Centre, the scheme has been designed to be sympathetic in scale while making a positive individual contribution to the Spa Road Gardens area.

A planning decision is expected in February 2018 with a start on site in the Spring and completion by September 2019.
The former Guildhall is a fine example of a late Victorian Civic Building. Its heritage value is recognised by its Grade II Listed status. The vacant former Courthouse and Civic offices are proposed to be reinvented as an upscale, four star, lifestyle hotel. Catering for corporate and leisure demand, the scheme includes potential for 120+ bedrooms, breakfast room, a restaurant, a private dining room, three bars/lounges and a first floor function space, plus spa facilities including a gym and treatment rooms.

Much of the original Guildhall itself remains remarkably intact with the original building and details being discernible beneath subsequent alterations, additions and services intrusions. Our approach has been to work with the historic fabric to create dramatic public areas and bedrooms of individual character. The scheme includes removal of the insensitive 1950s interventions and extensions, reinstatement of the original north elevation and the opportunity for a new hotel courtyard extension. The intent for the new contemporary extension is as an architectural contrast to the Guildhall, sensitively joined by a ‘light-touch’ connection to the historic building.

The vision is to reinstate this heritage asset as one of Nottingham’s most important and prominent buildings. The Hotel forms part of the wider Guildhall Place redevelopment.
The ROMO Group Headquarters landscape scheme strives to create a visually stimulating, environmentally sustainable site with well-defined circulation patterns and clear hierarchy of function.

The scheme aims to frame out the visitor experience with carefully composed sequences of plant materials, hardscape, and site features that accentuate building entrances and amenities as well as provide areas for social interaction and gathering on multiple scales.

Hardscape adjacent to major building entrances will be developed to a high degree of detail and be harmonious with the programme, materials, and aesthetic of the architecture. Beyond the hardscape the language of the site will quickly filter into a softer more ‘natural’ landscape.

As you move away from the building into the site, hard pavement gives way to gravel and you enter a landscape primarily composed of native meadow grasses and woody plant material. The plant materials will be selected for their suitability to the ecology of the site and will strengthen the existing native woodland edges, providing a vivid wildlife habitat.

The natural edges of the site will also provide a visual and acoustic screen between the new building and the adjacent industrial buildings.
Client: Leicester City Council  
Sector: Primary Education  

The proposed new school comprises two storeys of brick and is set back from the road to make it the appropriate scale and massing to the surrounding area. 

The articulation of the building varies depending on the usage of spaces; the hall is a lofty two storey volume and the fenestration expresses the double height nature of the space whereas the classrooms to the southern end of the street elevation are expressed with domestic scale punched windows reflecting the layering of the building at that point. The building makes a positive and high quality contribution to the streetscape. 

A simple pallet of materials is proposed for the school. The front and side elevations are predominately a grey brick, to contrast with the red brick residential buildings. Windows and trim will be aluminium, finished in dark grey and have consistent finish / colour. 

To articulate the different internal uses of the building externally, the hall block is separated from the administration and teaching block by double height curtain walling; internal spaces, where required, are shaded by a patterned anodised aluminium brise soleil. 

At the rear of the building, the brick is supplemented by zinc cladding. It is proposed that the joint seams used to connect the metal sheets are installed at angles to continue the needed theme of the structural columns.
RIBA Stage 5

Construction

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This new build private rented sector scheme for the Cassidy Group, is located on the former Hicking Pentecost site, just off London Road in Nottingham. The project will provide 350 apartments in one bed, two bed and studio units. The scheme includes 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. Other amenities will also include a gym, residents’ lounge and a 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. The scheme will reinvigorate the Crocus Street frontage.
Newark Fire Station

Client: Turner & Townsend / Nottinghamshire Fire & Rescue Service
Value: £2.5m
Sector: Blue Light

A new build, 3 engine fire station with training tower and external training yard has been 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.

The Fire Service take completion of the building in February 2018.

Aldi

Mansfield

Client: Regal Property Group
Value: £1.2m
Sector: Retail

New 1254m² sales area Aldi store at Sherwood Oaks, on the outskirts of Mansfield. Proposed on a brownfield site on a major route into the city, it will be a flagship store - one of the first to be built in the new corporate branding style.

The store is due to open early in 2018.
The proposed headquarters for ROMO Fabrics will deliver a new consolidated operational building in Kirkby in Ashfield. One of the central themes that evolved during the concept design stage, was that of a building which would reveal itself in stages. The building will not be immediately apparent from its entrance due to a belt of mature trees running along the boundary, emphasising the idea of exploration.

The proposed scheme will consolidate the ROMO business, which is currently spread across four sites, into one headquarters building that will allow the business greater efficiency and remove the current need to transport fabrics and other products between each of their sites.

The facility will total 33,000m² of office, process and storage space, housing 285 staff, and is designed to allow for further expansion.

Client: ROMO Fabrics
Value: Undisclosed
Sector: Workplace

Zones

From a detailed analysis activities were separated into appropriate zones which produced the simple concept diagram for the internal organisation.

The layout of the building consists of three main elements: offices, atrium and warehouse. The main objective of the development is to bring together these elements by siting them on a masonry plinth, below the principal elevations. The forms above the plinth have a consistency of treatment and height, while the elements of the warehouse, atrium and offices have different details to reflect their internal uses.

The atrium at its north and south ends is largely glazed, accentuating the entrances and offering glimpses of the internal space.
One of the client’s core values as a business is quality, in both material and design. This drive from the client has led to a simple palette of materials. The offices will be clad with a system of curtain walling containing glass and coloured panels. To avoid breaking up the clean lines of the facade, louvres will be incorporated with internal opening lights to provide fresh air to the offices. The cladding to the warehouse element will be metal and mimic the verticality elsewhere in the design. Simple cladding with well-detailed openings, where appropriate, give a clue to the process activities in this section of the building.
maber have worked with NCCC for over 20 years. This latest project involves improvements and expansion to the Radcliffe Road Stand.

The broadcast facilities will be increased and enhanced in line with the spatial and technological demands of expanding global media coverage. The Club will also benefit from an increased hospitality provision within the Stand that will include a 120-cover restaurant. Replacement of the existing lifts will improve access.

The new design ensures the character of Trent Bridge will be maintained, with its mixture of modern and traditional architecture.
Akaal Primary School

Client: Education and Skills Funding Agency (ESFA)
Contractor Client: GF Tomlinson
Sector: Primary Education

An independent school for the Akaal Primary Trust through the ESFA Free School programme. The scheme will provide a permanent home for the growing school, currently located on a temporary site and will accommodate 2 form-entry primary for 420 pupils.

The topography has been the main driver in positioning the building on this previous school site, placing it on the existing plateau with the playing fields 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 ESFA 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.
The expansion of the Junior School has been on the school’s agenda for some years. Having developed detailed designs for this project to increase pupil capacity, works have now started on site with completion in Spring 2018.

To achieve an increased capacity, six additional classrooms will be provided as well as a new Art & DT room and a modern multi-purpose hall. There will also be a bright atrium and exhibition space.

An increased number of different playground spaces, suitable for a variety of age groups, is required to provide facilities for the increased pupil numbers. An amphitheatre for creative outdoor lessons and play forms part of the design.

Improvements to the visitor and staff parking facilities and vehicular access are a priority to the project.

Client: Nottingham High School
Value: £3.2m
Sector: Primary Education
Client: Kier  
Sector: Secondary Education  
Value: £15m

Education facility on the existing school site to deliver a new main building for 1,250 pupils. A challenging construction site which is shared with the local junior and infant school with a challenging programme to deliver for the start of the 2018/19 school year. The building has been carefully positioned to enable minor disruption to the existing building but also to offer the correct long-term campus solution for future generations. At the heart of the new building is the main hall with custom drama space for community production and a triple height dining space.
RIBA Stage 6
Handover and Close Out

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- New Walk Museum, Leicester 93
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.

The new facility was designed with a wide span, along with column free spaces, it optimises future reconfiguration and adaption opportunities, fulfilling the University’s aspirations to enable future expansion and growth.

The site selection and layout allows for infrastructure and services relating to anticipated adjacent development phases, including a central shared science store facility.

The layout includes a showcase atrium space and shared collaboration space.

The scheme is designed 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.
Turves Green is one of 8 schools delivered by maber through the West Midlands Priority Schools Building Programme for the ESFA. The new 3-storey building was constructed on the footprint of the existing comprehensive school and now provides efficient, up-to-date facilities.

With limited space on site, works were phased with a partial demolition and provision of temporary classrooms to allow the school to remain operational during construction. Upon completion, the remaining outdated facilities were demolished, making space for a larger and improved outdoor play area.
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 a ‘kit of parts’ toolkit established for the framework
- Fabric first approach with increased insulation values and air tightness performance well above that of the standard Building Regulations requirements.
Sheltered, high quality play and social spaces are formed by creating courtyards at the rear of the new buildings that collect summer sun and form pleasant oases on the sites. Planting and hard landscaping complement the buildings, creating attractive and hard wearing playgrounds. SUDs (Sustainable Urban Drainage) features include swales, on site soak-aways and retention areas to manage water outflow and add value to habitat and planting areas.

The new, more efficient building footprints have created opportunities to increase the outdoor areas. Sports fields and car parking now replace former sprawling school buildings. The transformed landscape environments and new buildings offer far more positive and safer learning environments for the pupils and local communities.
The Great Hall of Leicester Castle has become De Montfort University’s new Business School. It offers postgraduate and undergraduate business courses in the unique setting of this inspiring Grade I Listed Building.

Originally built in 1150, the Great Hall is of national significance and lays claim to being the largest, double-aisled medieval hall in Europe. The building was on the Historic England Heritage ‘At Risk Register’ and through working closely with Historic England and the Local Authority Conservation Officer it has been restored and sympathetically improved to meet modern requirements.

The Crown and Civil Courtrooms have been more extensively developed, however both have retained the original courtroom furniture to provide an accent to the heritage and character of its previous use.

Clearly visible in both courtrooms is the historic 16th Century roof structure (not the original) that are emphasised by a dramatic new lighting scheme.

The brick vault at the back of the castle is a unique seminar space, with ancillary rooms on the upper levels given new uses.

“Working with maber architects, Leicester City Council as Landowners, Planners, Highways Agency, as well as Historic England and contractors, made this project even more special as it showed how, by working together collaboratively, you can achieve something truly special.”

Umesh Desai
Director, Estates & Commercial Services Directorate,
De Montfort University

Client: De Montfort University
Value: £2.34m
Sector: Higher Education
Lumis
Leicester

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

Lumis is the redevelopment of a former bus depot site, located on Southgates, in the historic heart of Leicester, comprising four buildings and providing 567 student bedrooms, set around a shared courtyard.

The scheme has been developed in close liaison with Viridis Real Estate and CRM Student Management to optimise the potential of the site, ensuring the maximum number of units and providing a 50/50 mix of studios and cluster bed groups of varying sizes.

A substantial amenity space includes social lounges, quiet study areas, meeting rooms, a gym, a multi-purpose area, a cinema room, a community kitchen and a managed laundry. This provides an enhanced student offer as well as an active street frontage, forming a showcase for the development. These areas link to the shared, central courtyard which acts as a social focus for all residents.
Working in collaboration with our architecture and interiors teams and in close partnership with Viridis Real Estate and CRM Student Management, the landscape design was developed to offer functional and flexible external spaces that would accommodate numerous activities for a large number of students. The design approach for the central courtyard was modern and organic, creating adaptable spaces that can be used for quiet study, relaxing, socialising or performance. Each zone of the courtyard is given purpose with circulation between each student building free flowing.

Features have been introduced to facilitate and encourage interaction between students. An amphitheatre is positioned conveniently adjacent to the internal social lounge, making a connection between inside and out. An area for quiet retreat in the courtyard has attractive, sculptural seating.

Planting has been used to soften hard surfaces and delineate the various spaces. Columnar trees line circulation routes and raised planters offer additional edge seating, whilst providing a buffer between public areas and bedrooms fronting the courtyard.

Quality hard surface materials have been selected to accentuate spaces while external lighting not only enhances design features but also contributes to the security of the external environment. Other external facilities include: secure enclosed cycle storage, car parking, secure motorcycle parking and refuse compounds.
126 (City of Derby) SQN ATC is one of the biggest Air Training Corps in the UK, training 120 cadets each week.

The new 2 storey 500m² building incorporates 4 classrooms, an IT Suite with Flight Simulator equipment, Administration offices and a 150m² Parade Hall, providing the squadron with state of the art facilities to replace outdated modular buildings used since the 1960s.

The design is robust and industrial, reflecting its surroundings and the 2-tone blue metal cladding reflects the RAF colour requirements. Internal comfort-cooling and heating provided surpassed the Building Control requirements.

The building is one of many successfully completed for long-term client, EMRFCA over a period of 20 years.
“The team at maber have provided a very professional service throughout and we have enjoyed working with them.

They have met the challenges of creating a landmark campus building that provides a high quality, collaborative environment that supports the University’s academic needs and aspirations.”

Kevin MacDonald
Estates & Commercial Facilities, University of Lincoln
Client: University of Lincoln
Value: £28m
Sector: Higher Education, Research and Laboratories

Key Facts:
- engineering workshops
- mix of research and teaching laboratories
- seminar rooms
- computer suites plus robotics workshop
- academic, research, PGR and administration offices
- 500-seat lecture theatre
- catering facilities.

This two phase development expands the educational and support facilities within the College of Science.

The first phase extended the existing Engineering Hub to provide extra space, which now supports the award-winning partnership between the University and its industry partner Siemens, as well as the addition of Electrical and Electronic Engineering to the School of Engineering’s portfolio. The Hub underwent extensive internal conversion works and remained occupied during the second phase of the project.

The second phase created a world-class teaching and learning space for the University’s Schools of Computer Science and Mathematics & Physics. It includes a 500-seat lecture theatre and a catering facility enhancing the University’s ability to accommodate large-scale events.

The scheme is designed to integrate with the University’s masterplan for the campus and allow potential future phases. The development acts as a gateway building to the south campus, strengthening its links with the city.
A bespoke Centre of Excellence for a new 7,200m² production facility for Trelleborg.

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 contemporary and energy efficient building has an external fabric constructed to a high level of thermal performance with enhanced U-values. Its design is flexible and robust to meet the needs of Trelleborg today, as well as their future requirements.
The AgriSTEM Academy is the third and final part of the development at South Staffordshire College’s 180 acre Rodbaston campus and involves the conversion of an old Granary Building with water tower at the heart of the campus.

This landmark building, whilst not Listed, has significant architectural merit and our sensitive design approach was to respect its historic stature and work with it, designing the renovation to retain the building’s original feel. It has now been restored and repurposed to provide 1000m² of learning space.

Alongside the Granary is an extension and the new build AgriTECH building that together form the new AgriSTEM Academy.

The traditional Granary building blends seamlessly with the new facilities and contrasts consummately with the state-of-the-art teaching equipment inside.
New Walk Museum
Leicester

Value: £0.7m
Client: Leicester City Council
Sector: Leisure & Culture

The geometry of the stair was inspired by the museum’s fossilised ammonites which display a spiralling form based on the Fibonacci sequence. Following this geometry allowed the stair to curve its way to the first floor within the confined space.

The stair is realised as a simple, crisp structure of painted metal. This makes the stair seem as though it has been folded out of the fabric of the museum itself. Curved american oak treads echo the ammonites' cellular structure and provide a warm counterpoint to the white shell of the stair.

“Our staircase and lift at New Walk Museum are fantastic. The staircase is really beautiful and it has been great to watch all the people come in, stand and admire it. It has really opened up the area, creating a wonderfully spacious and airy feel – a fitting entrance to our wonderland!”

Sarah Levitt
Head of Arts and Museums
Leicester City Council
Talk to us...

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

London
1 Primrose Street
London
EC2A 2EX
Tel +44 (0) 20 3865 9735

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

Birmingham
Suite 2.02, Imperial & Whitehall
23 Colmore Row
Birmingham B3 2BS
Tel +44 (0) 121 794 8969

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

maber.co.uk