



# Project Book

**Great to work with.**

**Great to work for.**

architecture / interiors / landscape / masterplanning

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## Project Coverage

### Office Locations

Nottingham  
Derby  
Leicester  
Birmingham  
London

## Foreword

### Mark Hobson - CEO



This publication provides an overview of Maber Architects across the final two years of the decade, giving an insight into the developments in the practice and some of the project challenges that we have faced during 2018 and 2019. For many service sector businesses these have been challenging years and the sense is that the 2016 Referendum decision to leave the European Union has created an economic hiatus which has really started to bite during this period.

Having said that, as a business we have continued to benefit from many long established key client relationships combined with various public and private sector frameworks. We have successfully managed to maintain our diverse project workload across residential, workplace, education, health, hospitality, industrial and leisure sectors.

The residential sector has been fairly resilient during this period and we have worked on numerous student accommodation, build to rent and hotel/hospitality projects. Our teams have designed and completed various primary and secondary schools through the Priority School Building Programme and in the higher education sector we have worked on a number of challenging projects including laboratories, workshops and bespoke teaching facilities. In the commercial workplace sector the completion of the Romo Fabrics global HQ in Kirkby in Ashfield marks the culmination of a four year design and construction phase for the practice and the successful delivery of yet another major design led project.

In this cautious market our differentiators have paid dividends and we have seen positive benefits in being able to offer a range of design and consultancy roles that are complimentary to our architectural services including landscape, interiors, urban design, BIM and CDM Principal Designer services. Our investment in IT has really started to deliver tangible benefits to our clients and our use of 3D Printing and Virtual Reality software has really started to make a positive influence on the way that we design and detail buildings.

The practice has embraced new ways of working across our five offices and **maber** Leicester have pioneered the change with a move to Silver Arcade in the heart of the city. These moves continue to build on our profile as a practice that is 'great to work with' on behalf of our clients and 'great to work for' in terms of our staff. Our recently launched common purpose document sets out our vision, mission and values going forward and this was recognised by the award of Investors in People Gold accreditation during 2019.

**maber** start the new decade with a degree of optimism that is founded on a healthy order book and a strong pipeline of new opportunities. For that we would like to thank our clients and all those that we collaborate with on projects for their ongoing support and trust in our creative abilities.





# Clients

- Aecom Infrastructure & Environment UK
- Amberside Retail Ltd
- Anchor House Construction Ltd
- Arcadis
- Ashlar Projects Ltd
- B&K Thomas Holdings Ltd
- Balfour Beatty
- BAM Construction Ltd
- Bespoke
- Bishop and Sewell
- BNP Paribas Real Estate UK
- Brooksby Melton College
- Cassidy Group Ltd
- Cedar House Investments Ltd
- Centurion Student Services (UK) Ltd
- Charnwood Campus Management
- Cityserve Properties Ltd
- CKC
- Clipstone Colliery Regeneration
- Cossington Housing Co-operative
- CosyBox
- Countrywide Property Holdings Ltd
- Coventry City Council
- Crocus Street Ltd
- Cundall Johnston & Partners LLP
- Darfish
- De Montfort University
- Derby College
- Derwent Valley Const
- DMC Global
- Elvaron
- Empire Real Estate
- EMRFCA
- Engie Regeneration Ltd
- G F Tomlinson Building Ltd
- Grange St Martins Ltd
- Grants of Shoreditch Ltd
- GRT Nottingham Lift Co Ltd
- Henry Brothers Midlands Ltd
- Hillbrooke House
- Hortons Estate Developments Ltd
- HP Construction
- Hydrogen Investments (Curzon) Ltd
- Investin Beeston Ltd
- J Tomlinson Ltd
- Kier Construction LLtd
- Larwood Park
- Leeds City College
- Lothbury Investment Management Ltd
- Marfleet Estates Ltd
- McLaughlin & Harvey Construction Ltd
- Metalic
- Miller Birch
- Miller Gadsby (Heatherton) Ltd
- Miller Homes Ltd
- Mitie
- MPP Group Ltd
- NMCN Plc
- Nottinghamshire County Cricket Club
- North Nottinghamshire Lift Co Ltd
- Northampton Partnership Homes Ltd
- Nottingham City Homes
- Nottingham Trent University
- Okehampton Estates
- Palmer Capital Partners (CBX3) Ltd
- PBSA 2 Sarl T/A Student Roost
- Peterborough County Council
- Peveril Securities Ltd
- Portland College
- Premier Drapers Ltd
- Regal Sherwood Oaks Ltd
- Rolleston Almshouse Charity
- Rolls-Royce pcl
- Romo Holdings Ltd
- Samworth Brothers
- Sapphire (Harlow) Nominee Ltd
- SERFCA
- Shakespeare Martineau LLP
- Sigma 2004 Ltd
- Simoco Wireless Solutions
- South Staffordshire College
- Streetsbrook Property Developments LLP
- Student Urban Living (Bermondsey) Ltd
- Talbot Farm Landscapes Ltd
- The Lothbury Mile End Unit Trust
- The Nottinghamshire Golf & Country Club
- The University of Nottingham
- Treetops Hospice
- Trent Motor Traction Company Ltd
- Tolent Construction Ltd
- Turner & Townsend
- Vaillant Group UK Ltd
- Wates Construction
- Wigmore
- William Davis Ltd
- Willmott Dixon Construction Ltd
- Wilson Bowden Developments Ltd
- Winvic Construction Ltd
- Wise Home Living Ltd
- WSD1 Ltd

• **2019 Willmott Dixon's Partner Awards**  
Winner - Midlands Customer Award

• **2019 BALI Awards**  
Winner - Icknield Port Loop, Birmingham  
- Community & Schools Development  
- £500k+ Regeneration Scheme

• **2019 Derby Civic Society**  
George Larkin Brighter City Award  
Winner - Bemrose School

• **2018 CIAT National Award**  
Commended - Excellence in Architectural Technology - Robert Fowkes for AgriSTEM, South Staffordshire College

• **2018 LABC East Midlands Building Excellence**  
Winner - Best Education Building - Isaac Newton Building, University of Lincoln  
Finalist - Leicester Castle Business School, De Montfort University

• **2018 LABC West Midlands**  
Highly Commended - Best Change of Use of Existing Building - AgriSTEM, South Staffordshire College

• **2018 Celebrating Construction Awards East Midlands**  
Winner - Project of the Year - IStEC Building, Nottingham Trent University  
Winner - Preservation & Rejuvenation - Leicester Castle Business School

• **2018 Leicester Civic Society**  
Winner - New Build Award - Lumis, Student Accommodation, Leicester  
Highly Commended - Leicester Castle Business School, De Montfort University

• **2018 RICS**  
Finalist - Leicester Castle Business School, De Montfort University

• **2018 Celebrating Construction Awards West Midlands**  
Finalist - AgriSTEM Academy

• **2018 RIBA East Midlands**  
Finalist - Isaac Newton Building, University of Lincoln  
Finalist - Leicester Castle Business School, De Montfort University

• **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  
Finalist - Isaac Newton Building, University of Lincoln  
- Best Public Sector Project of the Year

• **2017 ProCon Awards**  
Winner - Lumis  
- Large Residential Scheme  
Finalist - Castle Hall  
- Regeneration Project

• **2017 Structural Timber Awards**  
Winner - 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

• **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

# Awards

## Birmingham Innovation Showcase

The Birmingham Innovation Showcase was an opportunity for our clients to see our approach to innovation and how our teams use it to deliver Architecture, Interior and Landscape Design.

Our team gave demonstrations about BIM, Virtual Reality, Augmented Reality, NBS and Inclusivity, as well as the chance for hands on experience with the technology.



The demonstrations included:

- Interiors
- Makers
- NBS
- Virtual Reality and BIMX
- BIM
- Inclusive design
- Landscape



## Hot Property

**maber** staff once again performed at Hot Property. This incredible property and construction fundraiser has 70+ people from within the industry, who come together to put on a fantastic show whilst raising funds for charity. **maber's** Ian Harris (guitar and vocals), Tim Boxford (keys) and Simon Cottrell (drums) all formed part of the line-up.

This year the event was in aid of Switch-Up, a local charity founded by Marcellus Baz BEM, that uses a combination of physical activity, mentorship, counseling and education to help young people with complex issues.



## Leicester office moves to The Silver Arcade



**maber** wanted to completely re-think their way of working and employ a more creative and flexible workplace strategy, with social and breakout spaces forming the heart of the studio. So when the Leicester team had outgrown their previous offices, the search found their new home at Silver Arcade in the centre of Leicester which

provided an ideal opportunity to effect the changes.

**maber** sensitively refurbished the third floor to form their own studio, with interesting spaces created in the arcade. A subtle palette of materials were used to carefully express the features of the building.



## Pollinator Project

**maber's** Pollinator Project was launched to coincide with the opening of our new Leicester office, with packets of pollinator seeds being distributed among clients and staff.

Loss of habitat is the most pressing problem facing British bees and pollinators. Grasslands and natural wildflower habitats have suffered serious decline in the face of changing land management and farming practices. The **maber** pollinator seed package contains a mixture of twenty four nectar rich UK native wildflower species which create habitat and food for a wide range of bees, butterflies and other pollinators.

Adding wildflowers to gardens and hedgerows is a simple and effective way to support bee and pollinator species by increasing the wildflower diversity in the area.

Once they were sown we asked people to email us with locations so they could be added to our **maber** pollinator map, which can be found at: [maber.co.uk/pollinator-project](http://maber.co.uk/pollinator-project)



## Accreditations

### Investors in People

We are delighted to have achieved Investors in People Gold standard.

Being **Great to Work With** and **Great to Work For** is what we always aim for at **maber**. As we've said before, this is not a piece of idle marketing fluff, but a living, breathing mantra that we actually use.

We know that it's the people who really make our company to be great to work

with and taking care of our team and investing in them has always been a priority.

Whilst improving what we do and how we do it remains top of our agenda, recognition for achievement is always nice, and we are proud to say that we have taken our Investors in People standard from a Bronze straight to a Gold!



INVESTORS  
IN PEOPLE

Gold  
Until 2022

### BSI BIM 2

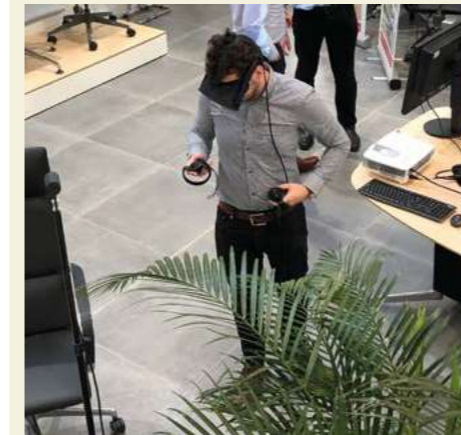
Our BIM capability and procedures are audited externally. We hold **BSI BIM Level 2 Verification** and are transitioning to the new BIM standard **ISO 19650**. The verification was achieved in acknowledgement of our high performance and integration with the design and construction teams we work with and high quality of our internal systems and training.

### Cyber Essentials Plus

The good news continues as we maintain our **Cyber Essentials Plus**. Cyber Essentials is a government-backed, industry supported scheme to help organisations protect themselves against common cyber attacks.

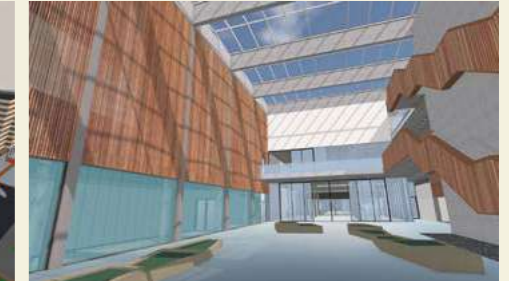
## VR technology

**maber** continue to be at the forefront of adopting Virtual Reality (VR) technology within the construction industry. We take the holistic view that using VR as part of our everyday design process enhances and streamlines our creativity and should not be seen as a technological limitation, but an opportunity to improve design.



Investment has been made across our 5 offices to allow for multi-site VR design reviews within a digital environment to provide instant feedback.

Spaces and form can be visualised at an immersive 1:1 scale with a synchronised link back to our 3D design software, allowing for quick adaptability and refinement. This can be utilised to give a client spacial awareness of space in a way never previously possible. We've successfully held workshops with clients who want a better understanding of a proposal, with several



going on to use it as a tool for stakeholder and end user engagement meetings.

A Virtual Reality model can also be used to interrogate BIM model information. When combined with other consultants' information, we can detect and review clashes in a natural way, walking around a virtual building and marking up areas to review as if the building was on site. This can be crucial especially in industrial sector work when analysing process equipment and logistics requirements.

## 3D printing

Our teams have been using physical models to develop their designs in a variety of ways. With 3D printers in all of our offices, we can produce sleek, scaled



model buildings as an integral part of the design process from site analysis stage to discussions with planning professionals, helping to drive design rationale as well as helping the design team understand the project concept.

3D printed models also help our clients, end-users and the general public gain an understanding of the concept design.

# RIBA Stages 1 and 2

## Preparation and Brief / Concept Design

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The Reserve

Nottinghamshire



**Client:** Private Client

**Sector:** Residential

**Service:** Masterplanning

An opportunity has arisen to transform a former quarry into a sustainable residential community.

The design brief is to rejuvenate a disused, brownfield site for a residential

development of up to 200 units with enhanced vehicle, pedestrian and cycle access. The development seeks to respect the unique character of the former quarry environment with its bold topography, exposed rock face edges and its isolated nature that contrast with its suburban and commercial neighbours.





## Build to rent interior concepts

The Build to Rent (BTR) has been revolutionised as a response to customer and competitor demand due to the enhanced provision of services and facilities.

The daily life experience is defined to a great extent by the environments in which people live. The role that BTR accommodation plays has become increasingly important in the work, play, 'quality of life' scenario.

The roles of support and amenity spaces have been reinvented through the use of ubiquitous hand held technology - anywhere can now be a place to work, study or enjoy down-time / leisure activities - and people are looking for a variety of amenity spaces to be inclusive with their living environments.

Tenant expectations have progressed exponentially in recent years. As an absolute bare minimum 24/7 wifi connectivity, flat screen televisions, LED lighting, and en-suites are now de rigueur. Personal catering facilities, work/ interaction areas and even a room with a view are also included now to attract the new millennial crowd.

**maber** have developed room concepts which ensure every corner of the space is used to its optimum, creating attractive and highly practical spaces - which appeal to the demands and aspirations of the new tenants.

The whole daily user experience within our BTR buildings are considered from beginning to end. From the everyday amenities of laundry and postal needs, through to bookable meeting rooms (where provided), informal meeting spaces and varied work/play settings. The role of concierge / security personnel helps to manage these new environments - thus making the best use of the facilities provided and increasing the sense of a safe and secure place in which to live.



As the choice of branded competitor schemes increase in our cities, it is how the seamless integration of technology is exploited to support and complement tenant activity - and the means of interaction - that will determine the choice made as to where to reside.

Many of our schemes now incorporate a private gym and a dance-fitness studio, enabling residents to exercise both mind and body.



## Headquarters Building

### Derbyshire

**Client:** Undisclosed

**Sector:** Workplace

Concept design for a new headquarters office building for a local boiler manufacturer with worldwide reach and associated group businesses, the building is designed so that the individual businesses can express their own identities, whilst still identifying with a company-wide ethos within a collaborative and thoroughly modern, well-being focused working environment.

Providing space for 350 employees, the building includes training and conferencing

facilities, contact centres and various types of meeting spaces and collaborative working areas all grouped around a focal atrium space.

The building is a vehicle for improving staff well-being, achieving organisational change, modernising working practices and engaging staff with the strategy for the future of the business. Daylight and flexibility of working environments are key design drivers informing solutions such as the large atrium and internal winter garden.



## Swindon, Wiltshire and Gloucestershire

### Institute of Technology



**Client:** SWG IoT

**Sector:** Further Education

Swindon has a strong engineering and technical heritage and has become the regional frontrunner for a new Institute of Technology.

The Swindon College North Star Campus sits at the centre of Swindon, within 500m walking distance of the train and bus stations to the south.

The campus provides a unique opportunity for an industry leading, agile teaching environment, with the refurbishment of its existing buildings, in particular the Pegasus and Corvus buildings.

Careful consideration has been given to the elevational treatment and refurbishment of the 1960s concrete frame buildings, including minimal disruptive works to the already considered building form.

To reduce the planning risk, the new insertions and elevational treatments will be sympathetic and use simple lines to work with the lines of this exemplar brutalist piece of architecture.



## Lancaster Street

### Birmingham

**Client:** Cassidy Group

**Value:** £30.5m

**Sector:** Residential - Student

The site sits amongst a number of new tall buildings to the north of Birmingham's City Centre, adjacent to Aston University and a 10 minute walk from Snow Hill Station.

It is a corner site approximately 40 metres x 40 metres. It fronts onto Lancaster and Lawson Streets and overlooks Birmingham Council Offices.

Significant land regeneration has recently been undertaken within the vicinity of the site.

The project was initially subject to a planning approval gained prior to **maber's** involvement. The original planning consent was for 556 student bedrooms in a 25-storey tower with two 8-storey shoulder blocks either side of the tower.

The client purchased the site with planning consent but had differing requirements to the approval. **maber** re-designed the internal layouts incorporating technical and functional requirements to enable the scheme to be delivered.

The re-design incorporated a number of revisions to the scheme including:

- Rationalisation of the layouts allowing an increase in the number of bed spaces from 556 to 602.
- An increase in the height of the tower.
- Amendments to façade treatment, including materials and fenestration design.

As a non-material amendment the changes had to retain the spirit of the original planning consent.



## Clinical Skills Building

### Nottingham Trent University

**Client:** Nottingham Trent University

**Sector:** Higher Education

This competition proposal for Nottingham Trent University sought to provide a new Clinical Skills facility incorporating an existing building in need of external refurbishment. The project would provide an enhanced campus gateway, extending the campus Green Zone towards the main entrance.

This site location within the campus provides a great opportunity to create a 'welcome plaza' linked to the Heart of Campus with a landmark building framing it, which would provide improvements to the arrival experience at the Clifton Campus.

The building plan is based on the simple concept of three courtyards:

- An arrival plaza forming a campus gateway, a shared entrance area and a connection to Heart of Campus

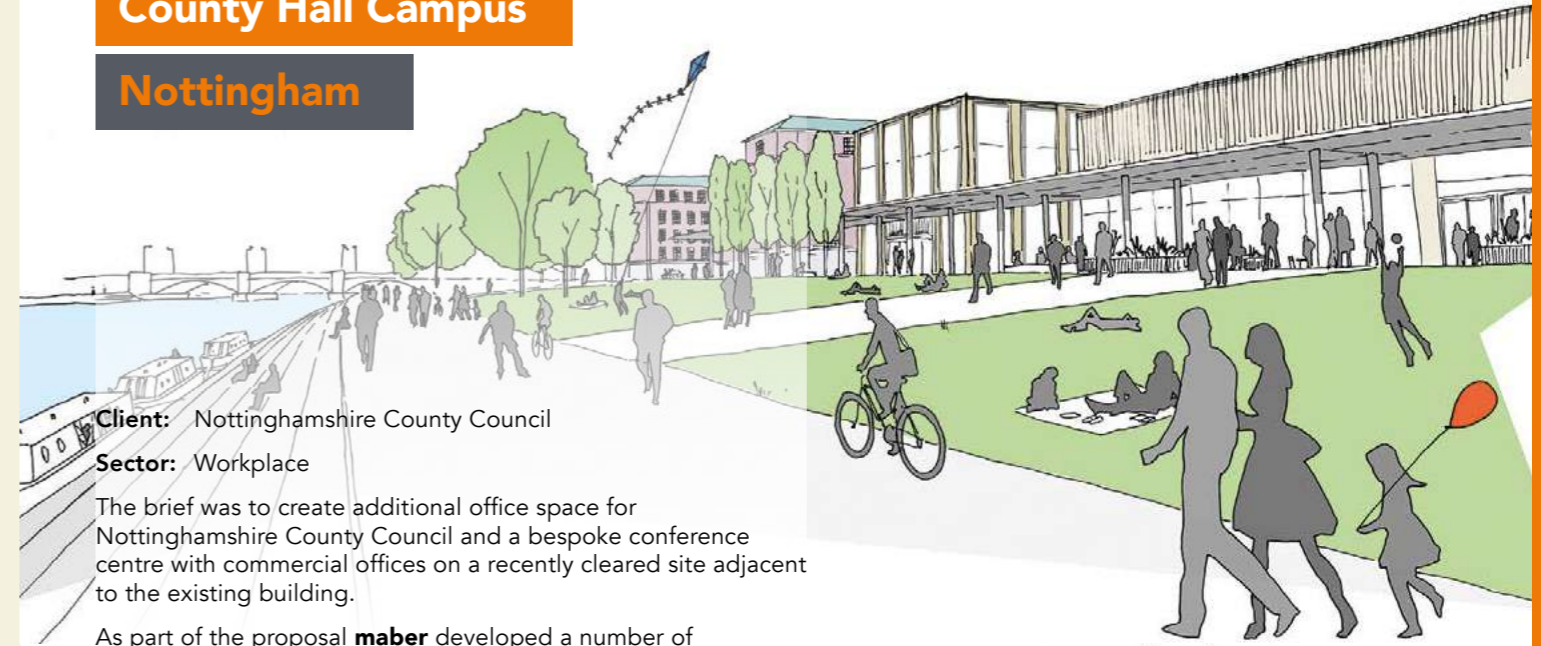
- A shared landscaped garden for use by both the existing LIR and Clinical Skills buildings' users
- An internal courtyard promoting a collaborative learning environment.

The main entrance plaza is marked by a bold feature wall: a three storey perforated brickwork screen which is illuminated from within the building, announcing the building and the entrance to the Clifton Campus.

A green buffer to the access road is enhanced and brought forwards to frame the entrance plaza, helping enhance the route towards the Heart of Campus and includes a reflection pool at the base of the feature wall. A green roof to the entrance colonnade enhances the biodiversity of the site and provides a pleasant outlook from the first floor of the adjacent building.

## County Hall Campus

### Nottingham



**Client:** Nottinghamshire County Council

**Sector:** Workplace

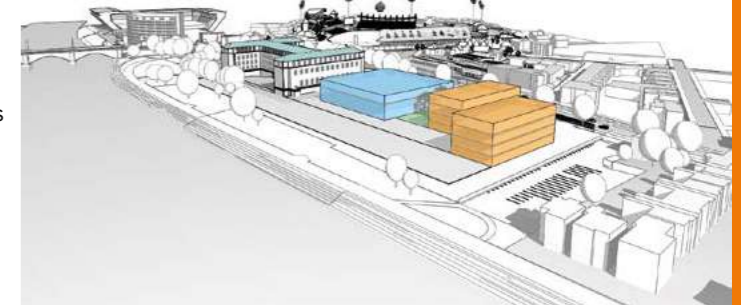
The brief was to create additional office space for Nottinghamshire County Council and a bespoke conference centre with commercial offices on a recently cleared site adjacent to the existing building.

As part of the proposal **maber** developed a number of alternative proposals including:

- Consolidating the uses to make the most efficient use of the existing building, including filling-in the two courtyard spaces, and providing a new conference centre and commercial offices on the adjacent site.
- Refurbishing the existing building and providing additional office space for the Council plus a new conference centre and commercial offices on the adjacent site.
- Re-purposing County Hall into commercial offices, conference centre and residential apartments and providing the council with new purpose built office accommodation on the adjacent site.

There were a number of key issues that influenced and drove the design solutions:

- Create an iconic development, promote visibility and improve public perceptions
- Activate the river frontage, take advantage of the location and increase usage of this unique feature
- Create a campus development
- Provide a modular, scalable, flexible, efficient and sustainable development.





## Southampton Row

### Holborn

**Client:** Grange (St Martin's) Hotels Ltd

**Sector:** Mixed Use

The site is the former Central St Martin's site Holborn and includes the Grade II\* Listed Lethaby Building.

The client brief was to create a 'piece of city' in the heart of Camden and convert

the existing Grade II\* Listed Lethaby Building into a 5 Star boutique hotel.

Proposals included 400 new build hotel rooms and approximately 49 apartments along with a major conference centre, spa/leisure facilities, retail and residential accommodation.





## Medici, One Hockley

### Nottingham

**Client:** Marfleet Estates

**Sector:** Residential - Student

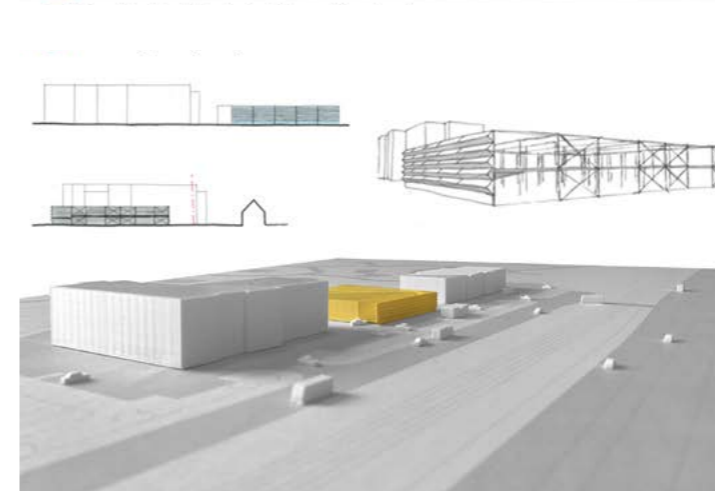
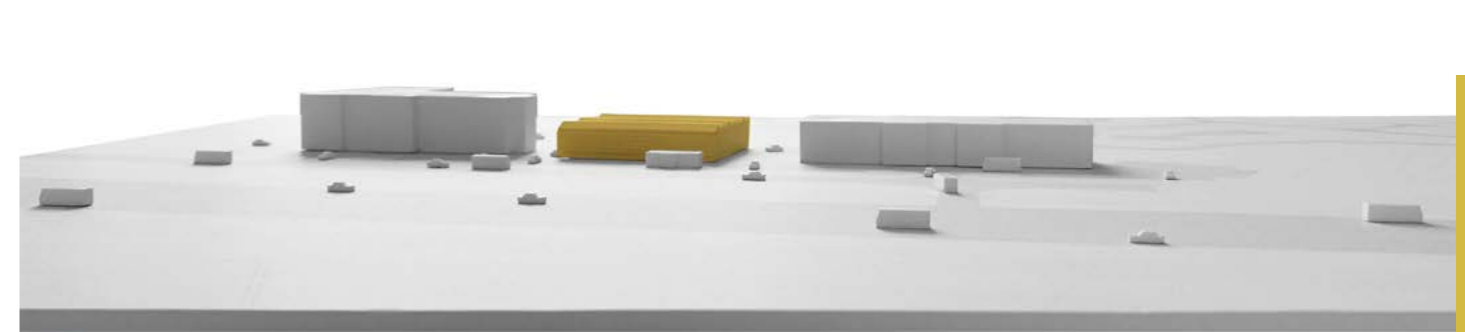
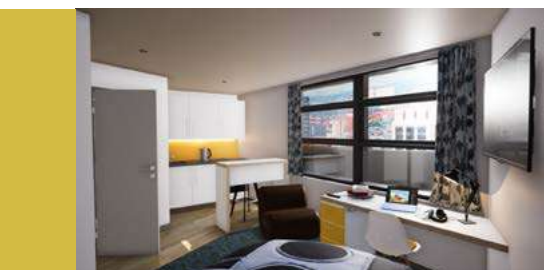
**Service:** Interiors

The expectations that students have for their accommodation whilst pursuing a higher education in Nottingham have grown rapidly in recent years.

So the accommodation at One Hockley has been designed to include 24/7 WiFi connectivity, flat screen televisions, LED lighting and en-suites.

The highly practical rooms also include personal catering facilities and work/interaction areas.

The everyday amenity spaces have become additional areas where students can work, study or enjoy down-time / leisure activities due to cutting edge technology being included in their design. These areas include gym facilities, a bookable space for students to enjoy a shared meal with friends, postal needs and a laundry. A secure reception provides a safe environment for the students.



## Car Park, Costain Offices

### Manchester

**Client:** BNP Paribas Real Estate UK

**Value:** £500k

**Sector:** Commercial

On an existing site in Manchester for two high-quality office buildings, growth in staff numbers has increased the need for parking. Situated very close to the main airport and surrounded by neighbouring dwellings, many constraints require the design for a new multi-storey car park to be both sensitive and sustainable.

**maber's** scheme, which is currently at the feasibility stage, proposes fifty additional parking spaces across two levels. Due to the carefully-considered design of the office buildings this car park will serve, the principal elevation utilises angled solar

panels and glazing in an oscillating pattern. The panels then serve the electric car ports and also allow natural daylight from the south to the lower level.

It is envisaged that the scheme will bring the two separate offices together, promote sustainable development and continue the well-executed design of the existing buildings across the site.

The client will be moving forward with a planning application and beyond in the new year.

## Bold Lane

### Derby

**Client:** Ark Capital

**Sector:** Workplace / Retail

The project is located at the junction of the Strand and Sadler Gate in Derby and forms an important node within the City Centre.

The new build scheme provides Grade A office space over 5 floors, with possible options for roof terraces on levels 3 and 4. The ground floor includes retail / cafeteria space as well as the location of the concierge. The proposal has the flexibility to be subdivided on a floor by floor basis. 16 car park spaces have been provided as well.



## Loughborough Road

### Nottingham

**Client:** B&K Thomas

**Sector:** Mixed Retail

The site is in a prominent position near Trent Bridge in Nottingham and is currently occupied by a vacant car showroom.

The re-use of existing buildings and structures is a sustainable use of an outdated facility. A unified active street frontage was a main driving force in the development of the Loughborough Road elevation and includes large shop frontages and doors along this street elevation.

The removal of the showroom frontage and canopy improves the setting for the development and reduces the scale, massing and impact of the previous buildings.

The existing buildings are improved visually, as well as having their thermal performance enhanced with new cladding materials to the walls and roofs, providing further sustainable benefits.



# Centre for Design & Creative Technologies

## Nottingham

**Client:** Nottingham Trent University

**Sector:** Higher Education

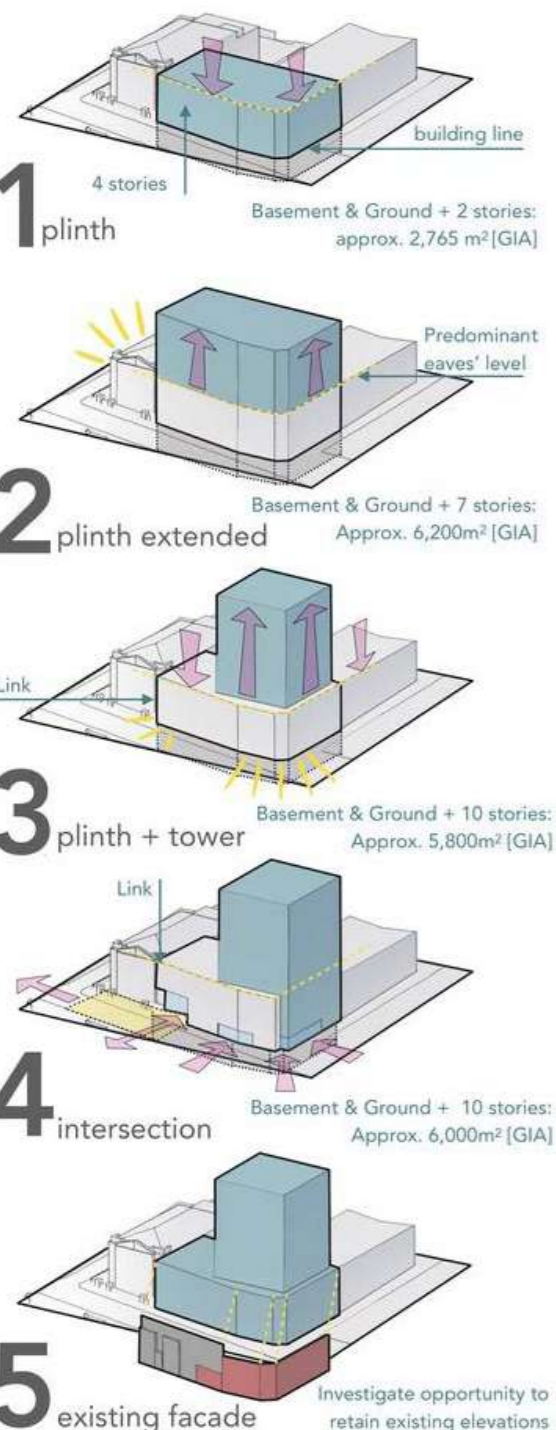
This proposal to accommodate a new Centre for Design and Creative Technology for Nottingham Trent University, formed part of an expression of interest to enter a limited design competition for a new gateway building to the University's City Campus.

The submission required a 3 page proposal of our design intent, based on limited information, comprising the site location and a quantum of development to be accommodated on the site.

The main challenge was accommodating a 6,000m<sup>2</sup> gross internal area on a restricted corner site, which was only 740m<sup>2</sup> total area, in a Conservation Area and adjacent to a Listed Building.

The draft proposals were prepared on a tight timescale. Initial site analysis indicated that achieving the amount of area required by extruding the site up, would have had an overbearing impact on the adjacent Listed University Hall (formerly a Synagogue). Therefore the design evolved into a plinth element with a taller element on the corner, the two volumes intersected and were to be faced in contrasting materials. The main entrance was orientated to face into the campus and double height volumes were to be provided to allow light and views into basement areas. These lower areas offered an opportunity to link into the adjacent University Hall at basement level. A full height glazed element was provided at the intersection of the two buildings allowing light into the windows of University Hall and the lower levels of the proposed building.

Unfortunately **maber** were not one of the three practices selected from a long list of 12 to progress their designs. However the scheme illustrates the quality of illustrative material that can be produced in a limited timescale, with the three design intent visuals supplemented by a 3D print and a short animated fly round.



## Selly Park Girls' School

### Birmingham

**Client:** Balfour Beatty

**Value:** circa £2.1m

**Sector:** Secondary Education

Selly Park Girls' School is a secondary school located in the Selly Park area of Birmingham. It is a non-selective community school for girls, administered by Birmingham City Council and offers GCSEs and BTEC programmes. The existing buildings originally opened in 1911 and are situated on a 1.56 hectares site.

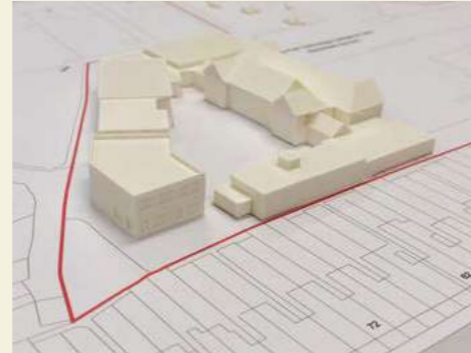
**maber** worked with Balfour Beatty on a feasibility study that includes the refurbishment of the existing Dining Hall and a new Science and Arts block. A new build proposal will create seven new classrooms in a vacant part of the site that

will provide additional spaces to inspire pupils.

The new building is designed to complement the existing building. Safe-guarding is a design factor with the building controlling access to and from the existing playground. Ventilation and daylighting have been considered at the early design stage as well as the thermal performance which will target low running costs.

Classrooms are changing with ever increasing development in technology. The latest interactive whiteboards will be found in each classroom with new furniture giving a fresh look for the students.

Working with the contractor at the early stage we have developed the logistic



and buildability of the project while maintaining the budget and programme.

Planning submission is being prepared for Spring 2020.



## Arnold Market Site

### Nottingham

**Client:** Gedling Borough Council

**Sector:** Masterplanning

Gedling Borough Council required a feasibility appraisal of the existing Arnold Market site, to investigate opportunities to re-invent the market and provide a new development to generate new commercial uses on the site and create jobs.

The proposals involved looking at options and appraisals for the development of a new building on the site to complement the market and the redevelopment of the current market into a new flexible urban space. The prime focus was the retention and regenerating of the market itself.

The site offers significant opportunities to enhance the existing retail area and urban realm, while also creating a reinvigorated urban space to improve activity in the area.



# RIBA Stages 3 and 4

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# Waterside Primary School

Leicester



**Client:** Leicester City Council

**Value:** £14.5m

**Sector:** Primary Education

A new five form entry primary school, part of the Waterside Development Regeneration Project, providing capacity for up to 900 primary-aged pupils.

The modern, two-storey building will be set back from the main road, behind quality landscaping, to create a highly attractive and positive contribution to the streetscape.

The articulation of the building varies depending on the usage of spaces; the main hall will be a lofty two storey volume, with fenestration expressing the double height nature of the space. In contrast, the classrooms to the southern end of the street elevation will be expressed with domestic scale punched windows, reflecting the layering of the building at that point.

A simple palette of materials is proposed. The front and side elevations will be predominantly grey brick, to contrast with the neighbouring red brick residential buildings. Windows and trims will be aluminium with a dark grey finish. The rear of the building will feature aluminium panels at first floor level, installed in randomised widths to add interest.



**maber** developed a diverse landscaping scheme for the proposed school.

The landscape layout aims to provide a safe, attractive, useable and accessible landscape. Providing wide footpaths and ramps, undercover where possible, allows easy circulation across the site's natural desire lines, in particular from the cycle link along the southern boundary towards the school entrance and from Fosse Road North to the east.

A number of outdoor classroom courtyards with covered areas, each with a distinct 'sense of place', encourage outdoor learning. Healthy living and eating are supported by the provision of a designated kitchen garden, adjacent to the Food Technology Rooms, where pupils can grow fruit and vegetables.

Existing levels facilitated the ideal outdoor performance area as

well as providing seating and outdoor eating space. Undercover areas for parent/carer meetings are also included, as well as cycle/scooter/buggy storage for pupils, staff and visitors.

Traffic and noise will be kept to a minimum through the creation of a wide, strong, green, landscaped frontage along Fosse Road North. Habitat creation, in the form of woodland planting, grassland habitats, a willow dome and trim trail will also be provided close to the school.

A synthetic turf pitch, a MUGA and running track provide for a variety of sports uses.

The sustainable potential will be maximised by using native species and SUDS (sustainable urban drainage system) paving in the car parks and MUGAs. The harvested water can then be used to water the plants and allotments within the site.





## Church Gate

## Leicester

**Client:** Metalic Ltd  
**Value:** Approx £20m  
**Sector:** Hospitality / Conference / Residential

The proposal, on a substantial brown field site in a prominent location on the Leicester ring road, comprises an eight storey hotel and a fourteen storey apartment building, with a construction value of approximately £20m.

The western side of the site contains the hotel of 170 bedrooms, with ground floor accommodation including public dining and bar areas, meeting rooms, exercise room, and back of house service areas.

The eastern side is a residential development comprising 142 units, 53 two-bed apartments and 67 one-bed units, with 22 one-bed studios.



On the ground floor of the apartments is car parking (23 spaces), tenant storage and cycle parking.

This site is in a transition zone from the small scale Church Gate Conservation Area and the large scale of the inner ring road. Variety in the massing and design of the scheme is arranged to address the scale. Elements and level changes of the environment on each side of the site in a succinct way.

The materials are carefully selected to provide for texture, solidity and modulation, to create a high quality facade treatment that sits well with the surrounding environment, at both low and higher levels.

The use of brickwork for framing elements of the facade with lightweight infill panels creates a cultural form that appears to be crafted from a pierced block, encouraging the viewer to perceive the robustness and strength of the vision.

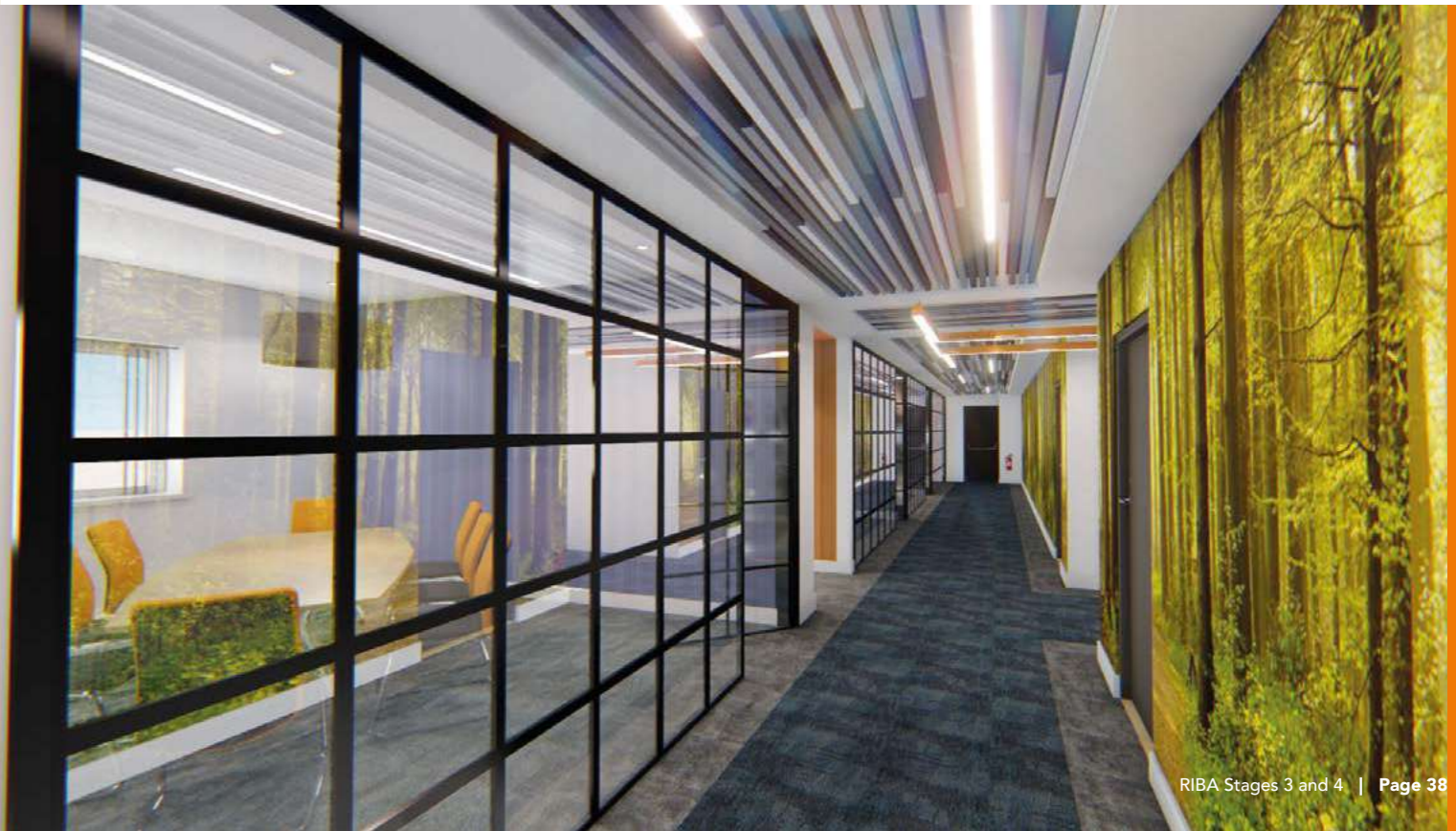


## Burleigh Court

## Loughborough University

**Client:** IMAGO  
**Sector:** Hospitality / Conference  
**Service:** Interiors

With the increased local competition in the 4 star hotel market and residential conference centres, IMAGO considered the time was right for refurbishment of the conference facilities at Burleigh Court to provide a renewed sales impetus for the venue, adding even more value to their already successful conferencing offer, particularly with new business opportunities coming into the area from the Charnwood Campus and Loughborough University Science and Enterprise Park.



## Howes Close Sports Pavilion

### Cambridgeshire



The proposal is to relocate two of the football pitches, create two all weather pitches with floodlighting, and erect a new pavilion building.

The pavilion will accommodate changing facilities, warm up spaces and refreshments. Associated parking areas for cars and coaches and provision for cycle use is also in the scheme. The building will feature renewable energy installations in the form of solar thermal panels and air source heat pumps.

Landscaping proposals for the surrounds of the pavilion are designed for visual screening, to soften the hard surfacing, and to create a visual boundary to the open pitch areas. Acoustic fencing will also be included. A section of the car park is also proposed as grasscrete to minimise hard surfaces, whilst still accommodating sufficient numbers of spaces to ensure that off site parking does not occur.

The appearance of the scheme is very important due to the location within the Green Belt and careful design decisions have been made in this context.

**Client:** Anglia Ruskin University

**Value:** £3.5m

**Sector:** Sports Facilities



The building is of a brick clad ground floor plinth that creates a robust facade in the area where the majority of the players are circulating. This brick is of textured appearance with interesting colour variation throughout.

The upper floor is designed to create a floating lightweight storey that encloses the facilities rooms and naturally relates to the viewing gallery that overlooks the pitches. The cladding to the upper level is a strong fibre cement based material, with interesting colour variation, that can resist impacts should they occur.

Substantial areas of the facade are glazed to create outward views from the club room areas on to the playing fields. Glazed balustrading on the viewing terraces allow downward views from sitting areas.



## Office Development

### Kettering

**Client:** Hortons Estate Developments

**Value:** Undisclosed

**Sector:** Workplace

**maber** have been working with Hortons Estate Developments on masterplanning their 7,285m<sup>2</sup> site for office accommodation. The triangular site was left over from a previous masterplan completed in 2006. Constraints include the site shape and also the 10 metre fall across the narrow width.

Our brief was to maximise the site with high

quality office accommodation that would be procured under a traditional contract. We started designing seven, two storey blocks with associated car parking, cycle and bin stores providing a total gross floor area of 2,880m<sup>2</sup>.

By using our new 3D printer as a design tool we were able to recreate the design to show the client.

As the design progressed, there was an enquiry from an adjacent occupier for a 2,790m<sup>2</sup> call centre. We explored two and three storey layouts, with the latter three storey option prepared for costing purposes. We took the design information to RIBA stage 3. Unfortunately due to concerns about Brexit the project has been put on hold for a few months.

There has been another enquiry for a 650m<sup>2</sup> office block that we are exploring with the client.



# Treetops In-Patient Hospice

## Derbyshire

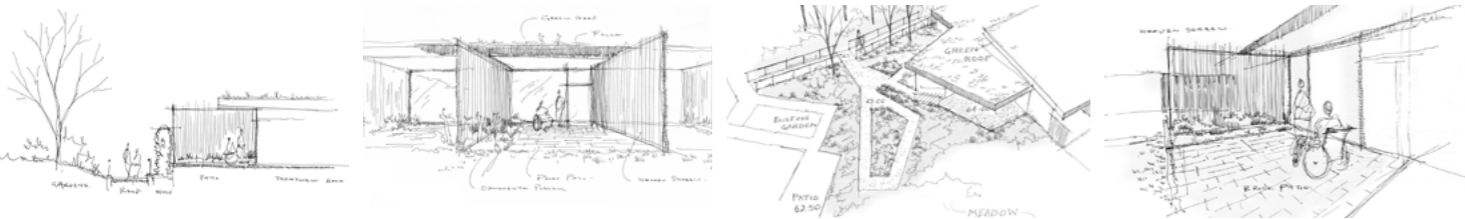


**Client:** Treetops Hospice Care  
**Value:** £3.6m  
**Sector:** Residential - Care

The new facility for Treetops Hospice Care will house twelve en-suite bedrooms for residents needing end of life care. The building will also included a multi-faith contemplation space for use by residents and their visitors, nursing

support facilities, a lounge for residents and their visitors, entrance foyer, office, counselling & meeting rooms, kitchen, storage and the required plant facilities. Treetops Hospice Care are keen to have a building that doesn't feel institutional, and will not look like a typical clinical building, but it will also need to respond to the landscape of the site. It was important to develop a building design which will be sensitive to its location

within the Risley Conservation Area and the Erewash Greenbelt. The new In-Patient Hospice building has been conceived as though the field has been peeled back and the new building tucked underneath it. The roof proposed is an extensive planted green roof to reflect this concept of the field continuing over the building. The planted roof will help to improve the thermal performance of the building. It



will also assist with providing additional acoustic insulation to the building, while the mass of the roof reduces noise permeating into the building. Two materials have been considered for the external walls: vertical timber cladding and local stone. Timber cladding is an appropriate response for a wooded site surrounded by trees. The timber will provide a soft non-institutional appearance and will be applied vertically in response to the adjacent groups of tall trees, while local stone filled wire gabions will provide a contrast to the timber cladding, and define different functions of the building. The project is due to start in 2020.



## Chainey Place

### Nottingham

**Client:** Cassidy Group (London Road) Ltd

**Value:** £10.3m

**Sector:** Residential - Build to Rent

Chainey Place, a new PRS scheme planned for London Road, Nottingham, has achieved planning approval with an unanimous decision by the Planning Committee.

The development will create 150 managed private rental residential apartments with related shared resident amenity areas, including lounge and gym facilities. Secure parking for cycles and cars will also be provided.

The scheme includes the renovation of an existing Victorian building on the site which had fallen into disrepair, and this will be converted into apartments including two storey duplexes.

A prominent site, 5 minutes from Nottingham's train station and the City Centre, the scheme has been praised for the design by the Planning Committee, commenting that "everybody involved in this should be congratulated."

Chainey Place is adjacent to the recently completed Saffron Court development.



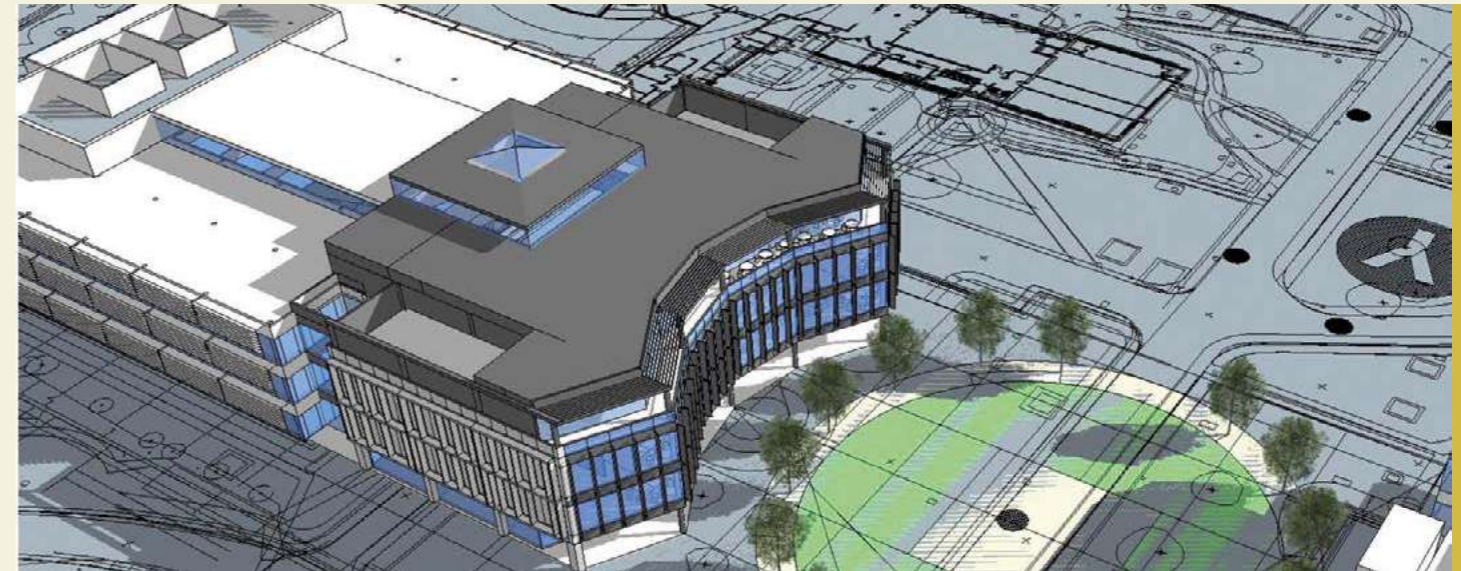
## Diamond Light Synchrotron

### Harwell

**Client:** Diamond Light Source

**Value:** £14.5m

**Sector:** Research and Laboratories



Harwell is where the world of tomorrow is taking shape. Fast becoming one of the world's largest and most important science and innovation locations, it's a community of 5,500 scientists, engineers and innovators, collaborating on many of the world's most advanced technologies, and delivering breakthroughs that will transform lives worldwide. Today home to national and international institutions including The Science and Technology Facilities Council, The European Space Agency, The Medical Research Council and the UK Space Gateway, Harwell is founded on a legacy of groundbreaking innovations, from Europe's first nuclear reactor in 1947, and the world's first transistorised computer in 1953, to the Diamond Light Source, Synchrotron in 2007, with exceptional individuals from more than 60 countries and worldleading open access facilities on one site.

**maber** are undertaking an ambitious extension to the existing Synchrotron

scientific research offices to cater for an increasing number of research projects. The project involves developing a sketch design undertaken by the original architects to RIBA stage 4. During construction **maber** will be acting as the client's design advisor.

The extension will provide an additional 4200m<sup>2</sup> of high quality offices and laboratories.

Due to the constraints of the site the extension will be located at the front of

this existing building. **maber** have been working closely with Diamond Light Source to ensure that their existing facilities can remain in full use during the works, which includes developing construction methodologies which will not affect the sensitive scientific equipment on site.

The project team consists of Turner & Townsend project management, cost control and PD, M+E by Method Consulting and Civil and Structural engineering by Hydrock.



# Billing Brook Road

## Thorplands

**Client:** Northampton Partnership Homes

**Value:** £3.1m

**Sector:** Residential - Supported Living



whether through the building itself or the secure gated access to the side.

Each unit has its own front door to ensure everyone has the opportunity to meet others and not feel isolated.

The scheme design has a strong emphasis on landscape and specific garden design to suit the residents and seeks to enhance the existing sylvan surroundings by way of contrasting external areas for the

This new supported living development, on behalf of Northampton Partnership Homes, is for adults with learning difficulties and autistic spectrum conditions.

NPH have worked in partnership with Northamptonshire County Council and the NHS to develop the scheme which includes 8 individual residential bungalow units, plus one additional larger single storey Management/Staff building. This comprises a staff office, meeting room,



enjoyment of both the residents and the surrounding neighbourhood.

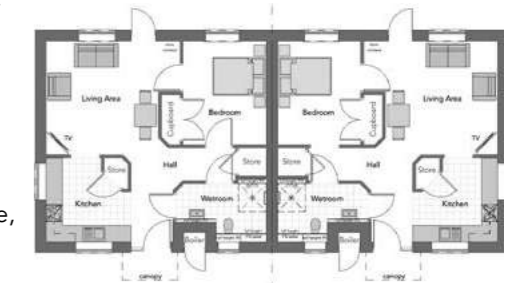
The landscape design has been carefully considered and includes perimeter planting particularly to provide privacy for residents in conjunction with secure fencing, areas of garden which provide social gathering spaces and sensory gardens.

The new planting, including an orchard to the north boundary and screen planting to the perimeter secure fence will also benefit the existing surrounding housing



occasional overnight accommodation, lounge area with kitchenette and laundry.

Externally, each bungalow has a private garden, there is a communal landscaped courtyard and varied external use activity spaces and gardens to exercise and socialise, plus secure parking for cycles, cars and a minibus. The Management building forms the secure entry to the site,



## Market Quarter

### Rugby



**Client:** Cassidy Group

**Value:** £30.5m

**Sector:** Residential - Build to Rent

The scheme will provide 360 purpose built, managed, 1 and 2 bed apartments for the private rental sector across four blocks, which will benefit from its close proximity to the local train station and local town centre. The proposal will complete the regeneration of the former Cattle Market site which has stood derelict since its closure in 2008.

The proposed design features high quality, robust, natural materials which will complement the surrounding streetscape together with attractive landscaped areas. The built form repairs

the established streetscape, creating new streets continuing the alignment established on the Eastern side of the site and forming new public routes through the site, increasing the permeability of this urban block. The massing of the proposed development has been considerate to the surrounding residential area, stepping up to the larger scale of the existing commercial developments to the west of the site.

The proposal includes the provision of a new public open space, providing a pleasant park complete with outdoor gym for the new neighbourhood and surrounding community whilst providing new habitats for wildlife.

This development will greatly enhance the appearance and character of the local area as well as providing much needed housing and regeneration.



## Arkwright Street

### Nottingham

**Client:** Cassidy Group

**Value:** £30m

**Sector:** Residential - Build to Rent

These purpose-built, high-quality apartments for the private rental sector are located to the south of the City Centre, just 3 minutes' walk to Nottingham Train Station (which incorporates the Nottingham Express Transit (NET) Tram Hub), and only 15 minutes' walk to the Old Market Square - the historic heart of Nottingham. There is also a new commercial quarter being developed around the Station and Unity Square for the new HMRC offices.

The development comprises of a total of 320 units, 161 1-bed 2-person apartments, 129 2-bed 4-person apartments and 30 studios. A twelve storey element is the focal point, along side 2 four-storey elements and a six-storey element. The perimeter accommodation is arranged around a central courtyard, providing views and amenity for residents.

The contemporary design enhances and integrates with the character of the surrounding areas, which includes a high quality public open space at the Western end.





Due to its location close to Coventry city centre, the scheme serves both Coventry University and Warwick University.

This new student accommodation provides a total of 436 beds comprising 55 cluster bedroom flats (total 381 beds in 4 to 10 person groups) and 55 studios. Two of each of the clusters and studios will be accessible.

The scheme includes associated student amenity space, which will include social

spaces, quiet study spaces and a laundry. Generous indoor and outdoor communal spaces will allow residents opportunities for recreation and social interaction.

The accommodation is arranged around a series of landscaped courtyards, making use of the 8m change of level from the front to the rear of the site.

## Albany Road Coventry

**Client:** Cassidy Group  
**Value:** £23m  
**Sector:** Residential - Student



## Deakins Place

### Nottingham

**Client:** Cassidy Group  
**Value:** £29.5m  
**Sector:** Residential - Student



The scheme is located in Radford, approximately 1.5 miles West of Nottingham city centre. It is in close proximity to the University of Nottingham, located amongst existing student accommodation. The University of Nottingham's Jubilee Campus is a 5 minute walk away, whilst University Park Campus is a 25 minute walk.

This new purpose built development comprises 702 student bedrooms over six floors. Cluster bedrooms occupy most floor levels in groups ranging from 5-10 person residences. Kitchen/living spaces for these units are in corner locations to maximise

view and daylight access. Individual studio units occupy most of the top floor level, allowing a setback to be achieved.

The scheme will be set in a shared landscaped linear garden fronting the River Leen. On-site drop-off and accessible parking is provided on Deakins Place and cycle parking facilities are provided on the North part of the site. The scheme includes a shared amenity space for students fronting onto the riverside garden, with associated ancillary site management and staff facilities.



## Highgate

## Birmingham



**Client:** Cassidy Group  
**Value:** Undisclosed  
**Sector:** Residential - Build to Rent

A revised scheme proposing 331 residential units, comprising a mix of one and two bed units, seeing an increase on a previous application that had been granted permission for 278 apartments, as part of the wider Bristol Street project.

Retail units and a gym are included to make the ground floor frontages more active.

The elevations and material selection of the scheme compliment the surrounding developments and enhance the character of the area.



**Client:** Bermondsey Student Living Ltd  
**Value:** £17m  
**Sector:** Residential - Student

This 185 bed, studio based, 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.



## Spa Road, Bermondsey

## London



## Project Xenia

### Nottingham

**Client:** The University of Nottingham

**Value:** £13.7m

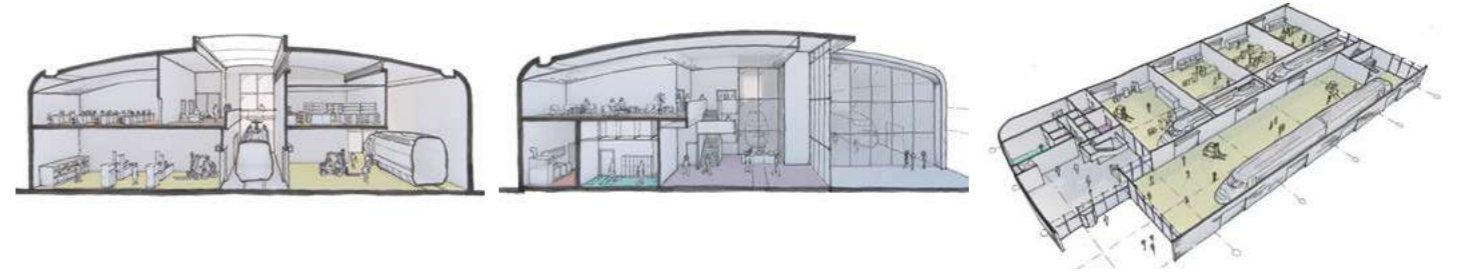
**Sector:** Residential - Student



Project Xenia provides a new 280 bed self-catered hall of residence for The University of Nottingham's Jubilee Campus. The University of Nottingham's first new build self-catered hall of residence in over 20 years.

The three storey building has been designed to complement the existing adjacent accommodation using a family of components designed to create continuity within the campus zone but with the addition of unique features including entrance canopies and textured brickwork to create a new identity for the building.

A landscape strategy has been developed creating two distinct courtyard spaces within the project which will provide places for students to relax and socialise. The social courtyard has been developed as an extension of the communal dining area provided within the building, whilst the quiet courtyard relates to the new study rooms within the building. A strong focus on biodiverse native planting flows throughout the project.



**Client:** DRIIVe

**Value:** c£12m

**Sector:** Further Education

The proposed DRIIVe (Derbyshire Rail Industry Innovation Vehicle) Facility will see the creation of a new Innovation and Training centre at the Barrow Hill Roundhouse Railway Centre which is a thriving hub of railway maintenance, engineering and historic restoration. The new innovation centre will provide a suite of specialist Rail Research Development Laboratories, Training and Education facilities and commercial rail engineering

workshop spaces. DRIIVe will facilitate growth in training and jobs across the wider rail sector.

The proposal will incorporate a traditional brick element to the main building to compliment the existing Barrow Hill buildings, whilst a sweeping curved metal roof will house the main workshop and entrance, creating contemporary design and palette of materials that relate to the historic surroundings.

The workshops will typically be employer led working with the latest equipment and facilities as a close replica to that of

the stakeholder 'real-world' facilities. Not only does DRIIVe have to be agile and adaptable, the workshops need to meet modern manufacturer needs and also showcase the latest equipment.

An agile and adaptable environment is achieved via the utilisation of space and technology. Exposed services, with an 'industrial' feel provide DRIIVe with a uniquely finished space and provide the centre an opportunity to adapt as and when the user requires.



**DRIIVe ITT**

**Derby**



## Avanti Fields School

### Leicester

Avanti Fields School is a new Hindu Faith, all through school which will incorporate a nursery, primary and secondary school, developed as a single building. The new school building will accommodate 472 nursery and primary students (age 3-11) and 900 secondary students (age 11-16).

The school site provides external space for all age ranges, separated between age groups where appropriate, including hard

and soft social spaces, MUGAs, a synthetic pitch and wildlife habitats. To the front of the site there is a large vehicular drop-off area, suitable for cars and buses, which is designed to ease congestion during the start and end of the school day. The site also provides ample staff parking and cycle storage.

The aim of the proposal has been to create a school campus which is sympathetic to the nature of the surrounding area and maximises the best use of the site by delivering natural light in learning spaces and passive surveillance in circulation spaces.

The main building has been developed with two wings in a 'T' shape plan. The two storey wing contains the majority of the secondary school accommodation.

There is one main entrance shared by students, staff and visitors, which is positioned at the intersection of the two wings of the building. This location acts as the junction between the primary and secondary schools and is easily identified from the site entrance and parking area to the front of the school. The sports hall has easy accessibility from the main site entrance for any anticipated community use.

**Client:** BAM Construction  
**Value:** £17.5m  
**Sector:** Primary and Secondary Education



The project set out to revive the library building from its dated industrial aesthetic and to create a new digital media hub. The project has created new open plan teaching and learning spaces,

new media rich resources and new spaces for students to collaborate or work individually. The environment has been designed to be adaptable to an evolving, unpredictable future for arts based subjects. Having been asked to deliver the project from inception to completion as quickly as possible, we demonstrated the ability to work with very tight deadlines imposed by the grant funding by designing the project, tendering and getting to site in under 8 weeks. The project makes great use of the existing building while creating a completely new set of learning spaces that feel



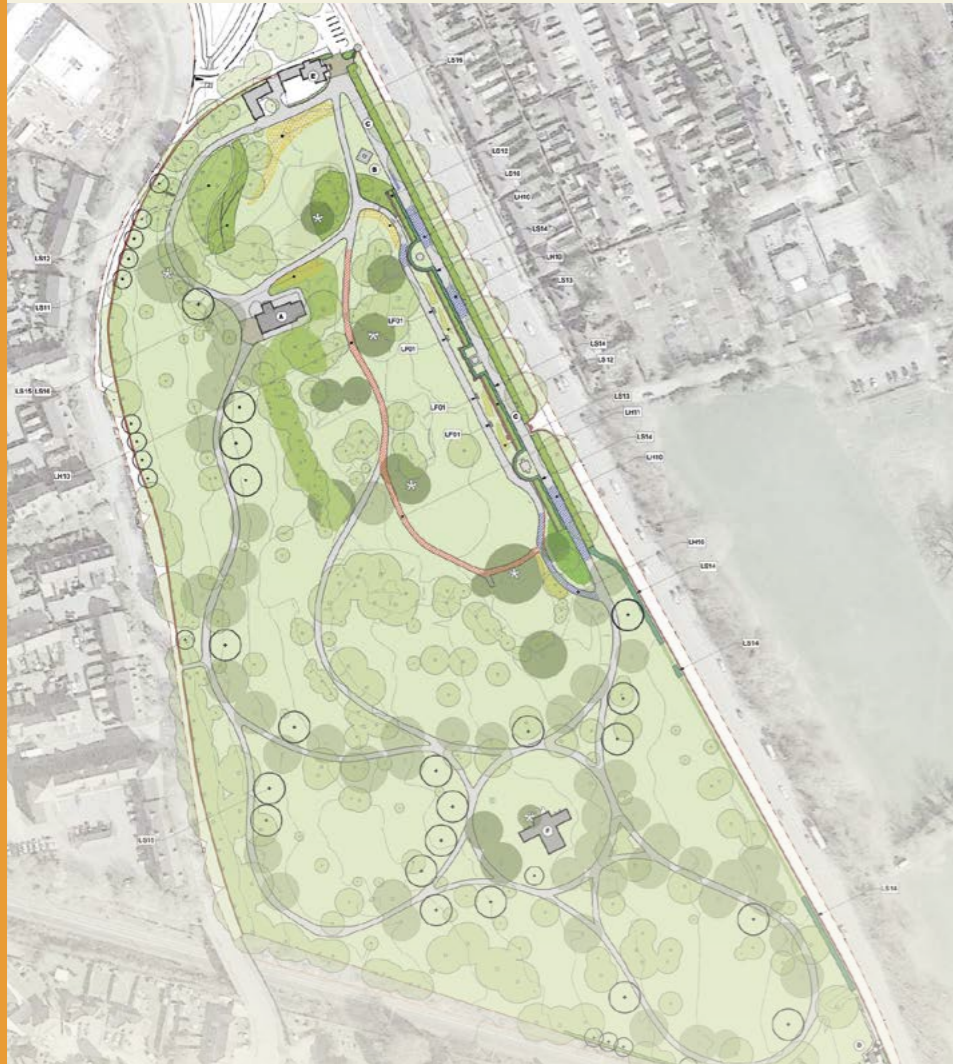
## Digital Media Hub

### Stoke-on-Trent

**Client:** Stoke-on-Trent College  
**Value:** £2.1m  
**Sector:** Further Education



contemporary and fresh. The college is continuing to work on completing the site masterplan and we are delighted to be helping them develop those ideas too.



**maber** have been appointed by Coventry City Council to restore London Road Cemetery, a Grade I Listed Arboretum Cemetery originally designed by Joseph Paxton in 1845. The site is one of the top 5 historic cemeteries in the UK and makes use of the topography of the former sandstone quarry, combining burial sites with the parkland setting.

Our Landscape Architects are working to repair and restore the original landscape design to facilitate its use as a public

park, improving the path network and horticultural features. While our Architects are looking to restore the major architectural features including the Anglican Chapel, for which the visitors' facilities will be significantly improved through the addition of lighting, heating, new toilet facilities and kitchenette, as well as repairs to the stonework, floors and windows. Restoration to the Promenade Walls includes proposals to open up the former mortuary chapels beneath, providing interpretation and exhibition

London Road

Cemetery

Coventry

Client: Coventry City Council

Value: £2.1m

Service: Landscape



spaces and reinstating the carriageway entrance to the Cemetery from London Road. In addition, other works include the repairs to the entrance arcaded screen and Paxton Memorial, along with numerous memorials around the site, all of which are Grade II Listed.

The team is currently submitting an initial tender issue to the National Heritage Lottery Fund for approval, with the project due to start on site in February 2020 with a total value of £2.1 million.



Gungate

Tamworth

Client: South Staffordshire College

Value: c£28m

Sector: Further Education

The new Tamworth College campus for South Staffordshire College is proposed to relocate their existing accommodation to the heart of the historic market town. The existing site will be sold to support the cost of the new build development.

The facility will accommodate Construction, Joinery and Plumbing courses. Other courses will include Hair, Beauty and Tourism and Leisure. The three storey super-block is going to be

part of the Council's masterplan, fitting onto an existing car park. This modern, energy efficient building will bring students closer to the retail district.



## Stafford Street

## Wolverhampton

**Client:** Cassidy Group

**Value:** £36m

**Sector:** Residential - Student

**maber** have been working on proposals for a new development of student accommodation on Stafford Street in Wolverhampton. The design has been rationalised to provide a balance of accommodation that reflects the current market demand and includes 883 en-suite cluster flats.

The massing includes a seven storey element fronting and parallel to Stafford Street and three wings to the rear which are ten storeys.

The building plan is arranged as an E-shape that provides good use of the site area whilst allowing good day-light access to all rooms. This has created the opportunity for two private landscaped courtyards between the finger wings to provide external amenity space for the students.

The scheme provides state-of-the-art accommodation for students studying at the University of Wolverhampton. A mixture of cluster flats in groups of between 4 and 9, with shared kitchen, living spaces, and self-contained studios are provided. In addition communal areas provide bookable study spaces, a cinema, gym and dining areas.

The building provides a new, improved frontage to Stafford Street on a former industrial site.

A simple palette of materials featuring brick, render and metal cladding have been employed, with a focus on creating relief through deep reveals.

Sustainable features include a PV array at the roof-top, as well as high-levels of thermal insulation.



**Client:** Cassidy Group

**Value:** £42.5m

**Sector:** Residential - Build to Rent

The proposed development will bring residential use in easy walking distance of Solihull Town Centre and is extremely well connected to public transport facilities such as Solihull Railway Station and the local bus terminus and motorway network.

The scheme consists of a total of 450 1-bed and 2-bed apartments, over six floors.

Access to the communal courtyards is obtained at first floor level and provides the residents with semi-private outdoor environment. Apartments are orientated around courtyards in order to allow for quality sun / daylight in the afternoon and evening.

## Sapphire Court

## Solihull





## Aubrey Place Milton Keynes

Client: Packaged Living  
Value: £30m  
Sector: Residential - Build to Rent

The site is situated in the centre of Milton Keynes and is close to many of the town centre’s amenities with Central Milton Keynes Railway Station a 10 minute walk south west of the site.

The main entrance space at ground floor connects to all cores and creates a communal “hub” at the heart of the building. The space is punctuated with various amenities and landscaped areas.

The transition between two established building lines provides an exciting opportunity for a landscaped public space

which has a strong relationship to the prominent main entrance.  
Larger units have been placed on the corners to benefit from the dual aspect and, at the higher levels, key views overlooking Milton Keynes, and the advantage of amenity space and roof terraces.  
The massing of the proposed scheme has been broken down into a series of smaller volumes with complementary building heights. The tallest proposed element



of the development is 18 storeys and is located towards the east of the site. The careful positioning of this element ensures minimal impact upon surrounding buildings and presents an opportunity to enhance the Milton Keynes skyline.  
There are 294 residential units in total, as well as 44 one bedroom, short term let units.



## Bedford Street Covent Garden

Client: Lothbury Property Trust  
Sector: Mixed Use

15-16 Bedford Street is in the heart of the Covent Garden Conservation Area and this Grade II Listed Building is in a prime location in terms of retail footfall and office use. The existing accommodation includes retail space and an office reception area at ground level, with office space in the basement and upper floors. At the time **maber** were instructed, the basement office space was unoccupied and the retail space at ground level was also vacant, giving Lothbury a unique opportunity to enhance and diversify both the office and retail accommodation for the benefit of future occupiers.

The brief was to deliver a planning consent for conversion of an existing basement office area into A3 restaurant use and create A1 retail space at ground and basement level on the street frontage. In addition the client requested a refurbishment of the existing office reception space. The key challenges for **maber** and the consultant team were:

- In conjunction with CBRE planning consultants, working with London Borough of Westminster to secure Planning and Listed Building Consent.



- Working in a highly sensitive Conservation Area and providing justification of changes to the external elevations of the Listed Building.
- Negotiations and community consultation with the Covent Garden Community Association and The Covent Garden Area Trust, together with local residents and ward councillors.
- Delivering a solution that met the exacting requirements for refuse storage, cycle storage and access requirements in London Borough of Westminster.
- Co-ordinating the requirements of incoming occupiers for the retail and restaurant spaces in conjunction with a live planning application.
- In collaboration with AECOM solving complex mechanical and electrical works in order to separate occupiers and to provide stand-alone shell retail demise areas.
- Dealing with complex construction logistics to deliver the proposals in an occupied building.



# RIBA Stage 5

## Construction

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**Client:** Romo Fabrics

**Sector:** Workplace / Industrial



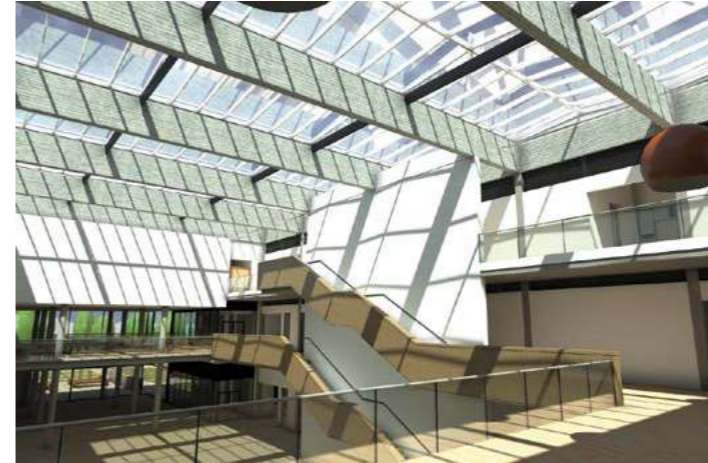
The proposed headquarters for Romo Fabrics will deliver a new consolidated operational building in Kirkby in Ashfield.

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 to operate more efficiency and remove the current need to transport fabrics and other products between each of their sites.

The facility will total 33,000m<sup>2</sup> of office, process and storage space, housing 285 staff, and is designed to allow for further expansion.



### Zones

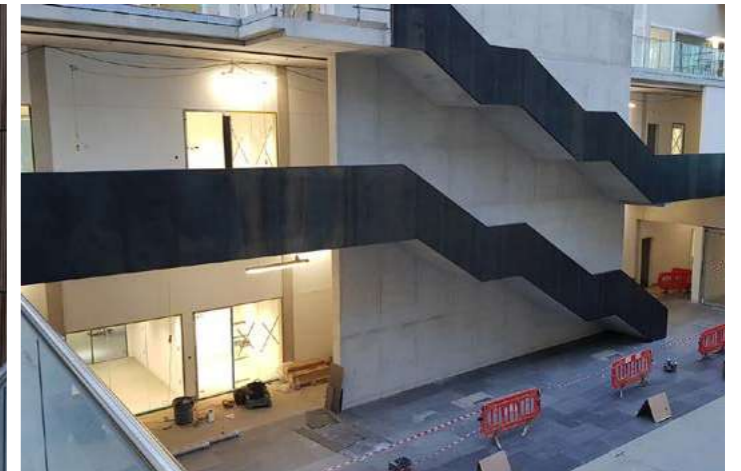
From a detailed analysis, activities were separated into appropriate zones which produced the simple concept diagram for the internal organisation.

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.

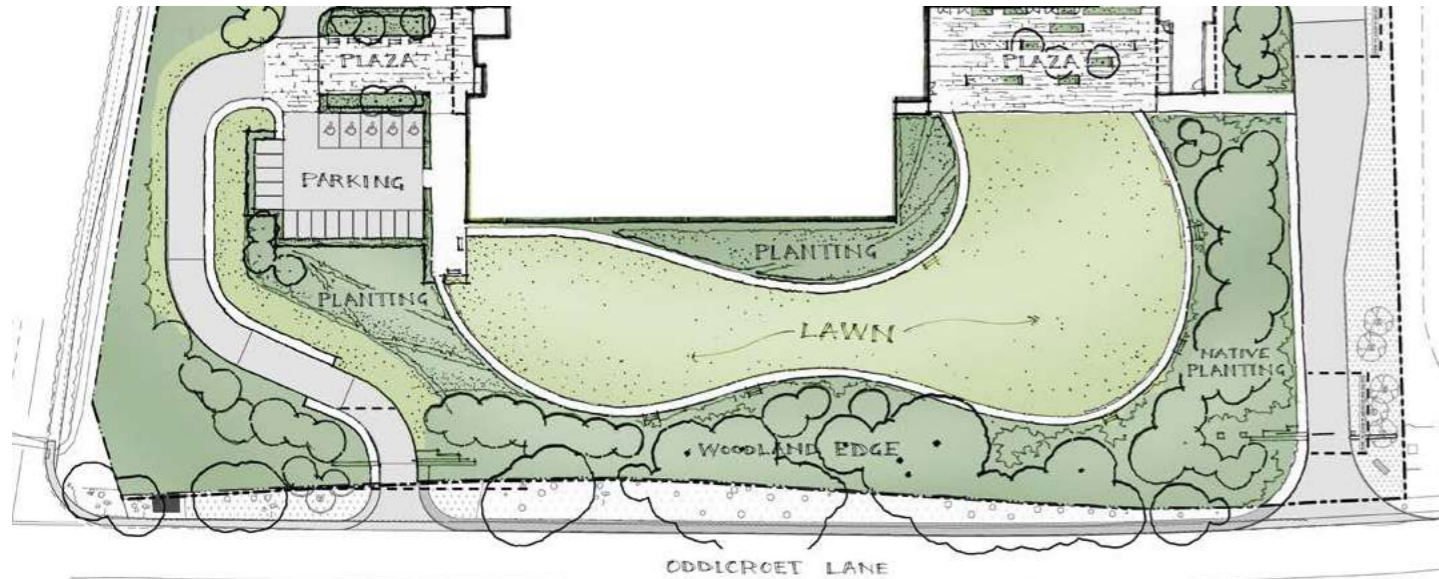
The atrium at its north and south ends is largely glazed, accentuating the entrances and offering glimpses of the internal space.



## Romo Fabrics - Landscape design

### Nottinghamshire

**Client:** Romo Fabrics  
**Sector:** Workplace / Industrial  
**Service:** Landscape



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 program, 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:** Nottingham Trent University

**Value:** £6.6m

**Sector:** Higher Education

Located on the Boots Enterprise Zone (BEZ) the project will deliver new build, industrial, scientific units that will provide clean room and office accommodation for rent by industry to develop medical innovation technology and encourage joint ventures with Nottingham Trent University.

The primary objective of the Medical Technologies Innovation Facility (MTIF) project is to enable Nottingham Trent University to perform advanced research in convergent medical systems, that reduces both the time to market and costs associated with the creation and commercialisation of innovative health technologies, medical devices and therapeutics, thus raising local company competitiveness and productivity in the global health and wellbeing sector.



## MTIF Boots Enterprise Zone

### Nottingham



In short, MTIF BEZ will aim to:

- Provide the necessary facilities and environments to enable connections between Nottingham Trent University and industry, to provide a pipeline for initial research from inception to industry delivery.
- Challenge and knock down the 'them and us' culture between university and industry, and to nurture research and give it focus.
- Enable the ability to invent and to make prototypes to show to industry so that they can then be adopted and developed with the ability to CE Mark and certify these at MTIF BEZ without buy-in from large industry players.



**Client:** Nottingham Trent University

**Value:** £16m

**Sector:** Higher Education

The development is a new University laboratory building which enables students and industry to perform fundamental research projects for medical technologies and innovation at Nottingham Trent University's Clifton Campus. This project is closely intertwined with another Nottingham Trent University project which will be a technology commercialisation facility on Boots Enterprise Zone in Nottingham. The primary objective through the MTIF developments is to enable the University to perform advanced research in convergent medical systems that reduces both the time to market and the cost associated with the creation and commercialisation of innovative health technologies, medical devices and therapeutics, thus raising local company competitiveness and productivity in the global health and wellbeing sector.

The front of the building is formed in brick piers with glazed curtain walls set within deep brick recesses. This emphasises the modelling of this façade, which responds to the vertical rhythm of the neighbouring IStEC building, and creates visual interest when viewed from the main road.

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 reeded theme of the structural columns.



**MTIF Clifton**

**Nottingham**



**Compass Point**

**Market Harbour**

**Client:** Willmott Dixon

**Value:** £5m

**Sector:** Workplace

Compass Point is a purpose built flexible office building for growing 'start up' businesses, funded by Harborough District Council for the Market Harborough area and built by Willmott Dixon Construction. The building is 3 storeys high with a maximum of 14 separate and varying sized office units and a large reception/social area. The building has been designed and built to meet BREEAM Excellent certification and has various sustainable aspects, for example Photovoltaics (PVs) on the roof and six electric car charging points.

The material choice has been made to enhance the environmental strategy, whilst being sympathetic to the rural location, by using a palette of metal cladding, brickwork, render, glazing and metal louvred profiled cladding.

The feature main entrance to the building is on the East corner which is most visible from the site entrance. This area includes a break-out space with informal meeting spaces.

There is an existing mature hedge line running along the West of the site along Northampton Road which will be retained, as well as a proposed structured landscaped border around the whole site.

Main construction was completed in October 2019, with some additional client work to be undertaken prior to letting.



## Yew Tree Primary School

Walsall



**Client:** Education and Skills Funding Agency (ESFA)  
**Contractor Client:** Kier Construction Limited  
**Value:** £5m  
**Sector:** Primary Education

A new 3 Form-Entry primary school with nursery on a challenging site, being developed under the Priority Schools Building Programme. The scheme is being delivered on a tight programme whilst maintaining operation of the existing school on the same site, with construction access managed from a single road boundary.

The landscape masterplan for the site integrates a new-build block with an existing retained building, centred around a new external 'heart' space incorporating hard and soft play areas and games courts which will generate a secure and inspiring campus for pupils and staff. Existing trees, planting and habitat areas have been integrated into the scheme, bolstered with new landscape to further enhance the development.

The accommodation contained within the existing, sprawling buildings being demolished has been consolidated into a new single L-shaped block with a clear spatial diagram, the non-standard

plan being driven by the location of the existing site entrance. The building will be constructed from a steel frame with a robust highly-insulated external fabric, and incorporates a very efficient internal environmental strategy. Form and massing has been carefully considered so the building successfully addresses both its neighbours and the new central heart space. The composition of internal and external materials and components unifies the new and retained elements of the scheme, and will provide a modern inspirational facility for learning.



## Lordswood Boys' School

Birmingham



**Client:** Education and Skills Funding Agency (ESFA)  
**Contractor Client:** Kier Construction Limited  
**Value:** £14m  
**Sector:** Secondary Education

A new build secondary school commissioned under the Priority Schools Building Programme by the Department for Education, Lordswood Boys' School is due to complete by the end of March 2020.

The project involves the partial demolition of the existing school and rebuilding a new super-block school type with a compact footprint whilst the existing school remains in operation.

The **maber** team comprises architects, landscape architects and interior designers working together in a common BIM Level 2 environment with the rest of the design team and main contractor.

A great deal of work went into optimising the very tight site to provide a really worthwhile and legible building that presents a robust and well ordered clay brick façade before welcoming students into the lofty, well-lit three storey social space inside. The landscape architecture provides great play and social space along with team sports surfaces, all linked together to form a clearly defined route to and from the building.

We are pleased that the boys and staff at the school will soon be enjoying such a huge improvement in their learning environment and believe that our design shows how much can within the constraints of a modest budget.





## Bishop Ellis Catholic Primary School

### Leicester



**Client:** Education and Skills Funding Agency (ESFA)  
**Contractor Client:** Kier Construction Limited  
**Value:** £6m  
**Sector:** Primary Education

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.

## Midland Metropolitan University Hospital

### Birmingham

**Client:** Balfour Beatty  
**Value:** £267m  
**Sector:** Healthcare  
**Service:** BIM

**maber** are providing BIM consultancy services to Balfour Beatty in their works to complete the Midland Metropolitan University Hospital in Birmingham. The complex project for Sandwell and West Birmingham Hospitals trust had stalled following the collapse of Carillion part way through construction. Covering approximately 80,000 m<sup>2</sup> over 10 floors and with two levels of parking, a winter garden and internal courtyards, it is one of the biggest construction projects in the Midlands.

As part of the BIM consultancy role, **maber** are providing BIM Management, Clash Detection and Asset Deliverable services across the project. **maber** has also prepared key contract documents, such as the BIM Execution Plan, which enables a considerate and pragmatic approach to the BIM Level 2 process. With over 118,970 project files and around 900GB of model data, the complex nature of the building provides many challenges in terms of federating and clash detecting 3D models.



Using our expert knowledge of healthcare **maber** also provided architectural validation services of the original scheme that included compliance against:

- Buildability
- Healthcare Technical Memorandums
- Original brief and area data sheet
- Approved Building Control Design
- Fire compartments and interfaces

Our Landscape team have also added value to the proposed design.

## Woodland Adventure Zone

### Mansfield



Portland College is an existing specialist college for people with a range of disabilities based within a campus in a woodland setting, near Mansfield, Nottinghamshire. **maber** designed the masterplan for a Woodland Adventure Zone located within a sloped wooded section of the campus.

The masterplan provides new outdoor facilities and experiences for the students including woodland paths, bush craft areas for outdoor learning, a gravity bike trail for four-wheeled bikes, a climbing wall, a 100m long zip wire, a pond and dipping platform and a viewing platform adjacent to the existing college farm.

Accessibility for all was a key aim in the design development. Routes across the wooded site are designed to minimise gradients and provide a comfortable surface for electric wheelchairs. This will give all students the opportunity to enjoy the woodland setting and take part in the range of outdoor activities. **maber** worked alongside a specialist to design the climbing wall and zip wire for disabled users. The gravity bike trail utilises the gradients within the woodland and will provide a thrilling experience on specialist four-wheeled bikes. **maber** undertook research on gravity bike trails in order to understand the specific design parameters.

**Client:** Portland College

**Value:** Undisclosed

**Sector:** Masterplanning

**Service:** Landscape



The site masterplan design was developed to respond to the existing site constraints and opportunities. Timber sculptures were proposed at points along the woodland paths and the climbing wall and zip wire were to be timber structures. **maber** sought to retain existing trees wherever possible in order to minimise their impact on the site's character and habitat, working closely with an arboriculturalist. Ecological measures were proposed in order to increase biodiversity through the creation of a new pond, insect hotels and native planting. A dipping platform provides educational opportunities for students.

The resulting masterplan considered and utilised the existing site's features to provide an exciting, educational and sensitive facility which is accessible to all the students at Portland College.

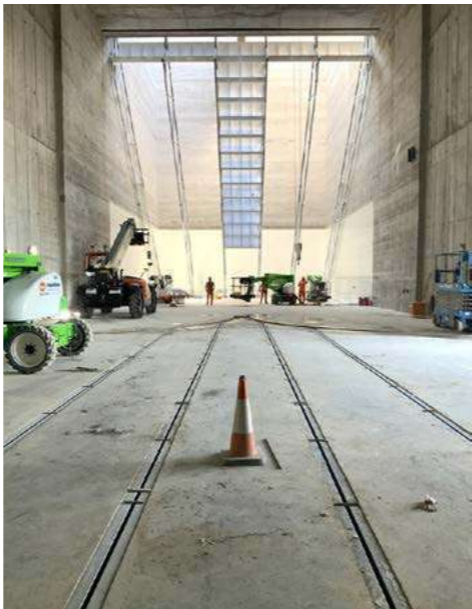
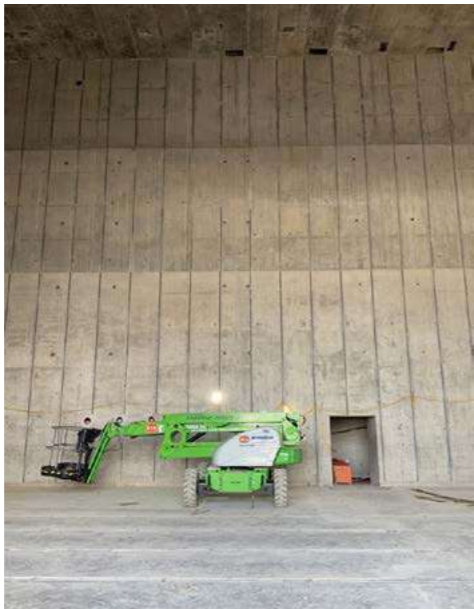
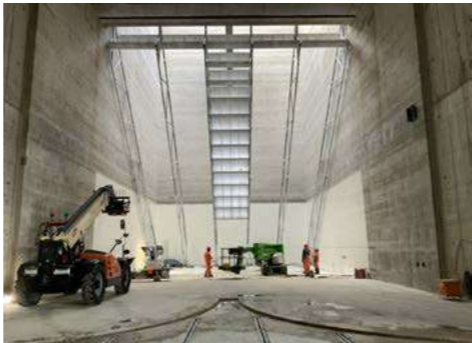
Rolls-Royce Test Bed 80

Derby

Client: Rolls-Royce  
Value: c£80m  
Sector: Industrial

**maber** acted as architect for Roll-Royce Civil Aerospace (Experimental) as part of their Client Side Review Team (CSRT) interrogating Stage 1 - 4 designs by test bed specialist MDS and their design & build contractor Buckingham Group Contracting. In addition, we carried out construction Stage 5 - 6 site quality management ("Clerk of Works") audit inspections for building works from March 2019 to January 2020.

Construction of this new world leading Test Bed Facility for Rolls-Royce's future aeroengine development includes 27,000 m³ of concrete poured over 7 months, 3,000 tonnes of steel and 1.7m thick concrete walls. The facility is a totally bespoke prototype design for new data monitoring, endurance testing and X-Ray capabilities. One of **maber's** key roles was to review the contractor's bespoke design information in order to have a full appreciation of each architectural element: Intake Stack, Test Cell, Exhaust Stack, Workshop, two Utilities Plant Wings and Main Entrance Control Block.



Rolls-Royce Turbine

Derby

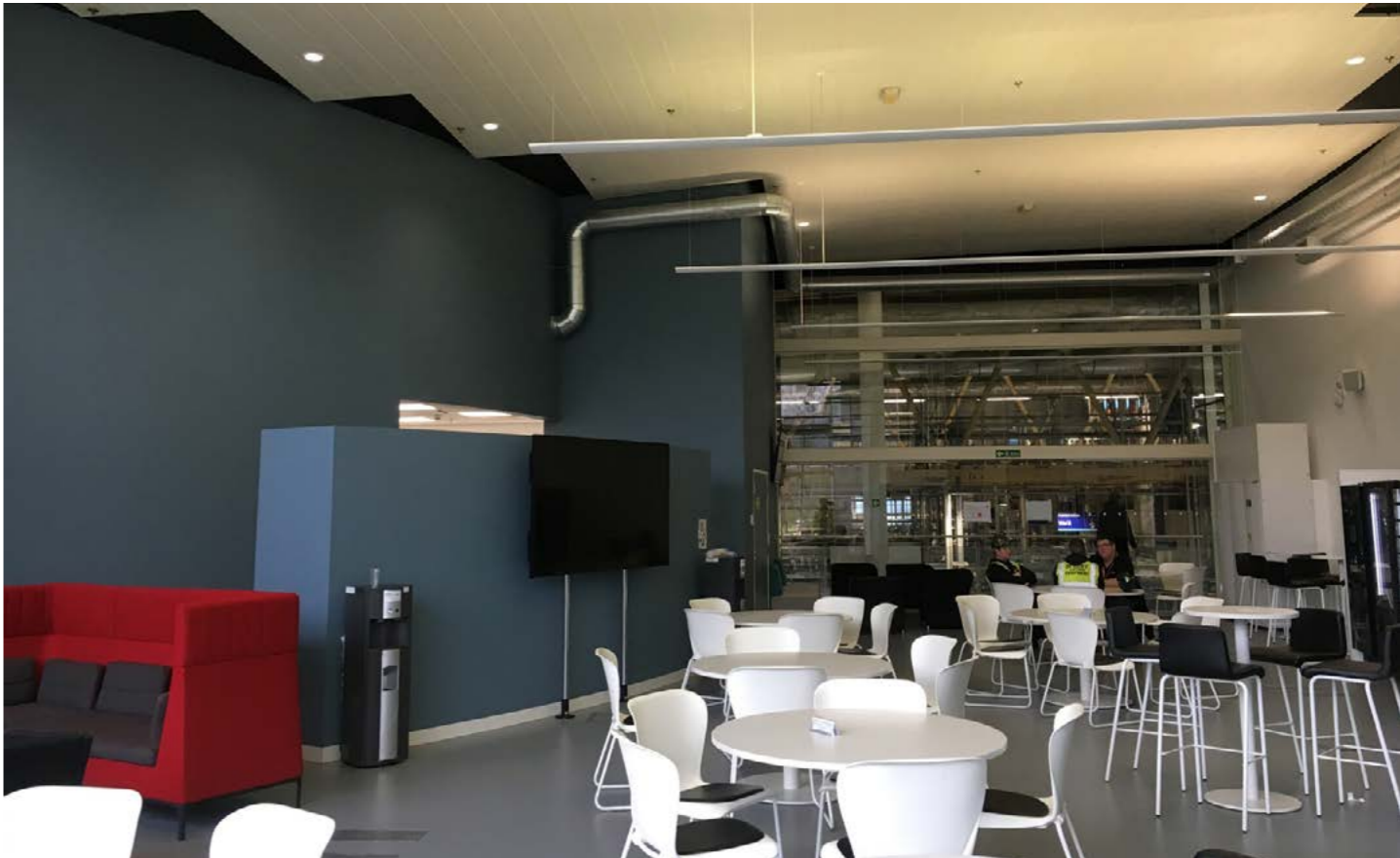
Client: Rolls-Royce  
Value: £1.4m  
Sector: Industrial

The existing Rolls-Royce turbine blade manufacturing facility is being remodelled to provide space for an increase in manufacturing equipment.

The intent of this project is to reconfigure the facility to provide an uplift in capacity. This activity is to be completed with zero disruption. **maber** worked with internal

stakeholders at Roll-Royce to develop the proposals for increasing the capacity which involved a review of their current operations.

Through collaboration we devised a solution to their need and lead the multi disciplinary design team to deliver to works.



## York Place

## Nottingham

**Client:** Cassidy Group

**Value:** £22m

**Sector:** Residential - Student



On behalf of the Cassidy Group, York Place is a student residential scheme in the heart of Nottingham, comprising 472 student bedrooms, a management suite, amenity space, and a gym. Situated on the former York House site, the new

development sits on top of the retained cellars and sandstone caves of the former Nottingham Brewery. The scheme is visually divided into 6 distinct, but connected, blocks of varying height and brick colour which follow the existing

levels to break up the massing and create three central, stepped courtyards. The intricately detailed brick facades have been carefully considered to complement the surrounding urban fabric including the adjoining Rose of England pub, designed

in 1898 by the famous Nottingham architect Watson Fothergill.

Revised planning approval was secured in September 2019. With construction commenced now, it is due to complete in July 2021.



## Gateway House

### Leicester



**Client:** De Montfort University

**Sector:** Higher Education

At DMU campus, a modern plaza and entrance lobby have replaced an unattractive existing car park, ramps and cycle store at the frontage of Gateway House.

The landscape design creates a welcoming entrance space to Gateway House for students, staff and visitors to enjoy. A key aim was to improve the connection between Gateway House and the redeveloped Mill Lane public realm scheme, the main artery of the Campus. The same high quality natural materials found on the Mill Lane redevelopment are used on the Gateway House plaza. Whilst providing continuity in materials, the design also brings a new contemporary character which responds to the geometry of the existing building.

Granite benches have been bespoke designed and are impressive features within the angular design. The linear bands of textural planting provide seasonal interest and soften the strong form of the granite benches and grid structure of porphyry/granite paving. Semi-mature trees provide height and a filtered green buffer between the road and plaza. Access for all is provided with ramps and steps with handrails, which are sensitively tied into the design. A high quality lighting design includes linear lighting recessed into steps and benches and up-lighters to trees which transforms the space at night providing safety and drama.



The scheme involves the retrofit of four blocks of residential apartments - Byron, Keswick, Haywood and Morley Courts - as part the ongoing REMORBAN project involving 96 tenanted homes managed by Nottingham City Homes. The brief involved improvements to the thermal performance via the application of External Wall Insulation coupled with retrofitted electrical and mechanical services throughout the four blocks.

The proposals were two fold and included scope to both improve the thermal performance of the properties and rationalise/improve the overall building aesthetics. This sees the introduction of a first floor extension to the typical maisonette apartments and the remodelling and extension of the lower ground floor apartments from the existing bed-sit configuration to more spacious one-bedroom apartments.

The existing blocks benefited from a strong vertical and horizontal grid established by the brickwork piers and concrete slabs respectively. This was something that **maber**, as the design team, felt was a defining feature of the scheme which should be expressed through the introduction of a simple palette of materials that would respect the simple, yet bold forms of The Courts whilst allowing external insulation to be applied to the external walls.

## The Courts

### Sneinton

**Client:** NCH (Nottingham City Homes)

**Value:** £3.5m

**Sector:** Residential - Build to Rent



# RIBA Stage 6

## Handover and Close Out

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## Newark Fire Station

### Newark

**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 was procured via the ESPO framework. Built on the same site as the existing 1960s building, the existing service remained operational during the construction period. The former facility and remaining land will be sold now the station has been completed.



## Aldi

### Mansfield

**Client:** Regal Property Group

**Value:** £1.2m

**Sector:** Retail



New 1,254m<sup>2</sup> sales area Aldi store at Sherwood Oaks, on the outskirts of Mansfield. Located on a brownfield site on a major route into the city, this new flagship store is one of the first to be built in the new corporate branding style.



Radcliffe Road Stand

Nottinghamshire County Cricket Club

Client: Nottinghamshire County Cricket Club      Value: Undisclosed      Sector: Sports Facilities / Conference + Leisure

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

The broadcast facilities were increased and enhanced in line with the spatial and technological demands of expanding global media coverage. The Club also benefits from an

increased hospitality provision within the Stand that includes a 120-cover restaurant. Replacement of the existing lifts have improved access.

The new design ensures the character of Trent Bridge has been maintained, with its mixture of modern and traditional architecture.

# Wilsthorpe School

## Long Eaton



**Client:** Education and Skills Funding Agency (ESFA)

**Contractor Client:** Kier Construction Ltd

**Sector:** Secondary Education

**Value:** £15m

The new main building for 1,250 pupils was built along side an existing local junior and infant school making the build a challenging construction site.

The building has been carefully positioned to minimise 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.

An Independent School for the Akaal Primary Trust through the ESFA Free School programme. The scheme provides a permanent home for the growing school, that is located on a temporary site and accommodates 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 maximises the use of the site, using both existing site features as well as 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.

**Client:** Education and Skills Funding Agency (ESFA)

**Contractor Client:** GF Tomlinson

**Sector:** Primary Education

# Akaal Primary School

## Derby



# The Nottinghamshire Golf and Country Club

## Nottinghamshire

**Client:** The Nottinghamshire Golf and Country Club

**Value:** Undisclosed

**Sector:** Culture and Leisure



Nottinghamshire Golf and Country Club has undergone a number of improvements over the past two years.

The first being a new entrance lobby to the wedding / conference venue at first floor. The scheme included a new water feature with bridge link across.

Conversion and extension of the existing Greenkeeper's workshop and stores created a small 18 bedroom boutique hotel called The Residence.

The extension had to be a sympathetic single storey design as the existing buildings are attached to the wall of the former kitchen garden to the Grade II Listed Manor House.

The Driving Range was extended to create a Golf Academy - a teaching facility for people to learn and improve their game. The scheme includes a multi-purpose room which serves as a classroom for school pupils, a golf simulator and teaching bay. It is a contemporary extension with a sweeping roof.

The extension to the existing clubhouse infills the courtyard to create an attractive and visible new entrance and extends the restaurant area. This scheme also completes the remodelling of the Clubhouse.

# Sutherland Primary School

## Stoke-on-Trent



**Client:** Education and Skills Funding Agency (ESFA)

**Contractor Client:** BAM Construction Ltd

**Value:** £4.8m

**Sector:** Primary Education

A new 2.5 form entry primary school delivered by **maber** through the Priority Schools Building Programme for the Education and Skills Funding Agency. Identified as an emergency case following the discovery of degrading asbestos inside the existing building, the new building has been delivered on a very tight programme whilst maintaining operation

of the temporary school on the site. The replacement building has consolidated the previous sprawling school accommodation into a single block with a contemporary design, constructed in steel frame with a highly-efficient external fabric and servicing strategy.





# Cadet Training Centre

## Frimley Park, Camberley, Surrey

**Client:** South East Reserve Forces and Cadets Association (SERFCA)

**Value:** £2.5m

**Sector:** Education / Ministry of Defence

The Cadet Training Centre (CTC) Frimley Park in Surrey has been a Regular Army Unit and, since 1959, the National Centre of Excellence for Cadet Forces, providing schools-based CCF and Adult Volunteer training courses throughout the year.

The Centre is set within a Grade II Listed Georgian Manor House with extensive gardens and grounds dating from the 18th century.

The new build provides enhanced contemporary facilities currently allocated within the Mansion House, and includes officers' bedroom accommodation, dining and lecture theatre facilities. The external white render and stone details provide a traditional reflection of the Mansion House; the curved zinc roof a modern twist. The six en-suite bedrooms overlook the Listed rose gardens to the rear.

Internal re-modelling of the Mansion House is also part of the scheme.



# Overslade House

## Northampton

The refurbishment of a three storey building included structural alterations within the existing envelope, the removal of the existing pitched roof, and the formation of a new fourth storey of accommodation. The conversion has created 31 units of two-bed accommodation (housing 4 persons) and 9 three-bed units (housing 5 persons).

The facade has been partially over clad with new panels to integrate the roof

**Client:** Northampton Partnership Homes

**Contractor Client:** Engie Regeneration Ltd

**Value:** £5m

**Sector:** Residential - Social Housing

extension, and freestanding balconies provided to offer outdoor space to each new apartment.

The height of the extension is lower than the existing roof line and the materials have been chosen to create a lightweight appearance that minimise the impact of the extension and create an enhanced appearance, sufficiently strongly to create a new aesthetic for the building.

The grey colour cladding, reminiscent of stone panels, create a recessive capping of the building, but of sufficient contrast to integrate the existing facades with the new cladding.



## Burleigh Court Hotel

### Loughborough University

**Client:** IMAGO

**Sector:** Culture and Leisure

**Service:** Interiors

A 185 bedroom refurbishment at Burleigh Court to provide a renewed sales impetus for the venue.

The refurbishment programme includes:

A phased full strip-out and refurbishment of 100 'older' bedrooms, including the full refurbishment of ensuites / converting bathrooms to shower rooms. Corridors are also included.

A full refurbishment of 8 suites, also including corridors.

A phased soft refurbishment of 77 'newer' rooms, replacing case goods including a bathroom refresh only, also including corridors.



## Engineering and IIDRA

### Nottingham Trent University

**Client:** Nottingham Trent University

**Value:** £15m

**Sector:** Higher 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.

Construction started on site in June 2018 and was completed in September 2019.

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 it.

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' façade, 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.

## Silver Arcade

### Leicester



**Client:** maber

**Sector:** Workplace

**Service:** Interiors

The Silver Arcade, designed by Amos Hall and originally opened in 1899, is a Grade II Listed Building located in the centre of Leicester which was originally built to house shops, offices and showrooms over 4 storeys.

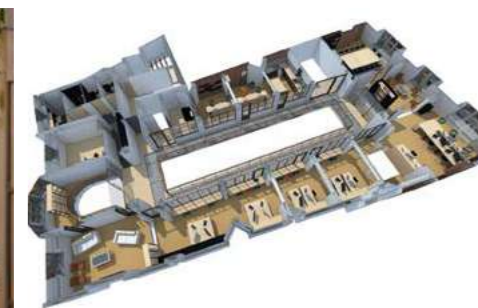
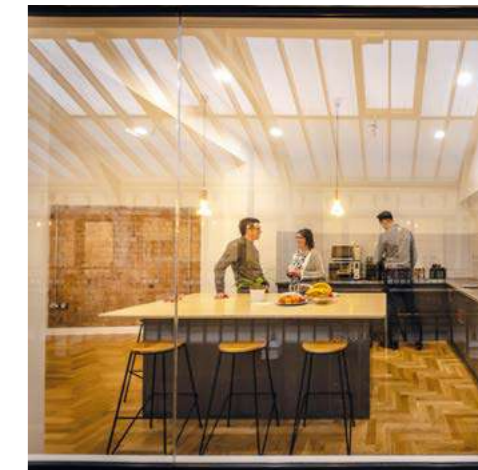
Over the past decade, the building struggled to attract tenants to the upper retail units and the majority of the arcade remained vacant.

Having observed the decline of this impressive building over the last few years, **maber** decided to carry out a full refurbishment of the entire third floor,

in the hope that the arcade may be repurposed as a workspace.

**maber** sensitively refurbished the space to form their own studio, utilising a subtle palette of materials to carefully express the features of the building. The interesting spaces created in the arcade allowed **maber** to completely re-think their way of working and employ a more creative and flexible workplace strategy, with social and breakout spaces forming the heart of the studio.

The hope is that the refurbishment of the third floor will not only transform the **maber** Leicester office, but will also revitalise the whole of the Silver Arcade.



# Rolls-Royce Pacific

## Derby

**Client:** Rolls-Royce

**Value:** £18m

**Sector** Industrial and Manufacturing

This project includes a 103m<sup>2</sup> extension to the Primary Component Operations (PCO) Factory and construction of a four-storey ancillary office building.

Rolls-Royce has been operating design, manufacturing and test facilities at its Raynesway site since the 1950s, with a number of building developments and upgrades in the period to date. Several of the buildings are now reaching the end of their life and the business is proposing to replace these in a phased programme. This will allow continued operations on the site to maintain employment for up to 50 years.

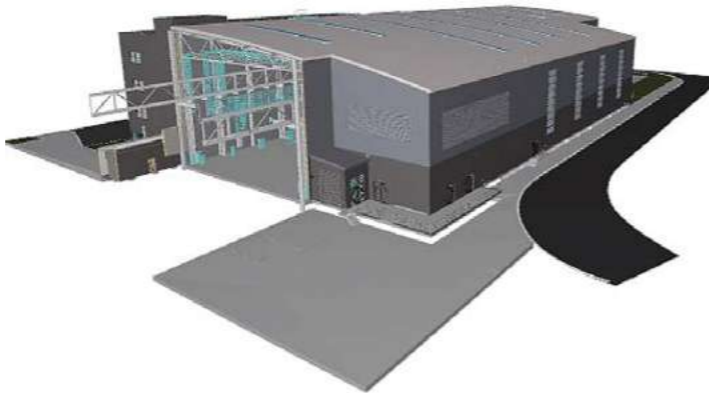
Rolls-Royce is the design pioneer of one of the most technological advances in naval propulsion, the use of nuclear propulsion for the Royal Navy's submarine flotilla. Over the past 10 years they have signed a number of long term contracts with

the Ministry of Defence to keep the Royal Navy submarines at sea. This contract covers support of nuclear powerplant systems on board the current fleet of Swiftsure, Trafalgar, Vanguard and Astute class submarines.

As part of these contracts, and to maintain pace with the Ministry of Defence's production needs, Rolls-Royce identified the need to expand the PCO heavy manufacturing facility at Raynesway.

The new high quality office building, which will enable staff to be consolidated, can accommodate up to 400 personnel.

**maber** are delivery architects for both projects.



# Bemrose School

## Derby



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. A phased development strategy has allowed pupils to move from the Listed Building into the completed new 3 storey teaching block as part of a rolling construction programme.

Further phases include a major refurbishment of the existing Listed Building school with full mechanical & electrical upgrade works. Challenges include the presence of asbestos, access restrictions and maintaining the current entrances and egress points.

**Client:** Education and Skills Funding Agency  
**Contractor Client:** Kier Construction Ltd  
**Value:** £14m  
**Sector:** Primary & Secondary Education





**Contractor Client:** Willmott Dixon

**Sector:** Secondary Education

The development of the site includes the refurbishment of the traditional 1920s built brick structure, the demolition of various extensions around the site, single storey new build portions and a new two storey teaching block towards the rear of the site.

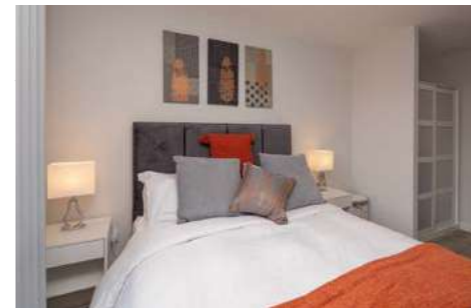
In the central area of the site, a courtyard has been provided which includes a canopy with covered external seating, a table tennis area and some timber planters. This area links through to a hard informal and social area at the northern corner of the

site. This part of the site also provides external play space for various informal sports activities including netball, football and basketball.

The new build has been designed to contrast with the character of the traditional red brick facade by using a dark coloured brick and Vieo grey/blue coloured cladding. This adds a contemporary look to the school.

## Fullhurst Community College

Leicester



## Saffron Court

### Nottingham

**Client:** Cassidy Group

**Value:** Undisclosed

**Sector:** Residential - Build to Rent

This new Build to Rent scheme for the Cassidy Group, is located on the former Hicking Pentecost site, just off London Road in Nottingham. The project provides 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, provides the focus of the scheme. Other amenities 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.

Saffron Court is adjacent to the Chainey Place development, and both will reinvigorate the Crocus Street frontage.



## Nottingham High School

### Nottingham

**Client:** Nottingham High School

**Value:** £3.2m

**Sector:** Primary Education

**Service:** Achitecture and Landscape

Nottingham High Infant & Junior School's new landscape design coincides with their extension, and has been designed to accommodate an increase in pupils.

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

Additional play areas have been created as older buildings were demolished and the car park redesigned with the School's extension, providing an opportunity to greatly improve Nottingham High Infant & Junior School's environment.

A new access ramp to the car park along with the separation of vehicle zones and pedestrian routes has greatly improved safety around the school site as well as the appearance.

The formation of the car park incorporates tegula paving to the roadways to match the main entrance design, with tarmacadam

to the parking bays and tree planting to soften the appearance of the area.

New ground levels have been established across the area, with new finishes, whilst the existing trees were protected during the works.

The new play area, created with artificial grass, forms an attractive hardwearing environment. Adjoining this area new planting beds of dense evergreen shrubs have now become established.

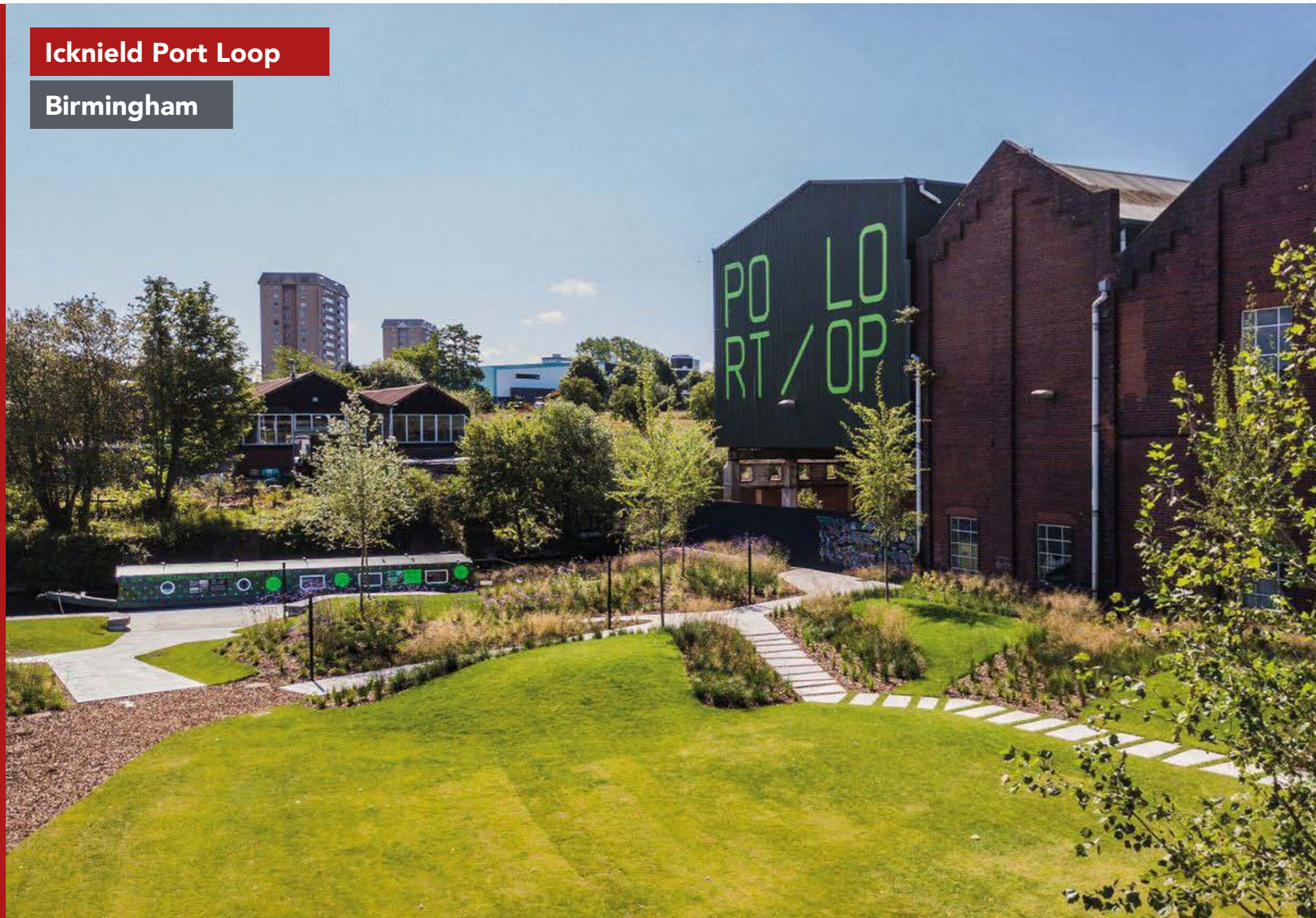
The re-forming of the existing boundary walls created a seated area at low level.

The previous garden area has also been regraded to create an amphitheatre seating area as an outdoor teaching space and extension to the play area, enveloped by contoured natural grass zones. The exposed frame has been built off the upper levels of the stepped amphitheatre, with the roof structure, made of tensile fabric, providing shelter to the seating area below. Dense shrub planting provides a guard against the steep embankments created by the level changes.



# Icknield Port Loop

## Birmingham



**Client:** Talbot Farm Landscapes

**Service:** Landscape

**Awards:** 2019 BALI Winner

- Community & Schools Development
- £500k+ Regeneration Scheme

**maber** prepared the detailed hard and soft landscape drawings for the RIBA Stage 4 & 5 delivery of an exciting urban green space in the heart of Birmingham.

The park is part of a mixed-use development to regenerate brownfield land, providing recreational benefits to residents of the adjacent modular homes.

It is central Birmingham's first new public green space in over a decade and, with over 1.5km of new tow paths, it will help to make a better connected city.

The high-quality design consists of a geometric network of bespoke concrete printed paths which meander through playful grass mounds, swales, planted areas and trees. Bespoke concrete cast benches with integrated lighting provide rest and meeting points. At the park's south-eastern boundary, the canal provides attractive waterfront views.

A key aim of the project was to work closely with the main contractor to maintain the aspirations of the concept landscape architect's design vision.



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