

1. WELCOME

Thank you for coming to this exhibition on the University's emerging plans for its estate.

The University is bringing forward a programme of investment across its campuses to ensure it delivers a fit-for-purpose estate that will:

- Provide a high-quality and consistent campus experience for students, staff and visitors
- Co-locate specialist teaching and research where it is currently fragmented
- Replace poor quality and unsustainable buildings with state-of-the-art facilities
- Move parking to fewer locations on the edge of campus
- Use public realm and landscape to create a welcoming campus that is accessible to all, including the local community

The Estate Framework is a strategic document, which considers the University's estate holistically, including Highfield Campus, residential sites and Southampton General Hospital. The level of investment proposed on each site differs, with Highfield Campus being the main focus for change over the next decade.

This is the University's first exhibition and more consultation will follow as plans emerge. The University wants to hear your feedback and encourages you to fill out one of the feedback forms available.

This exhibition will:

- Brief you on the reasons for change on the estate and introduce the Estate Framework and Highfield Campus Plan
- Set out the current challenges and future opportunities for the University's estate
- Introduce some initial projects, including new peripheral car parks on Highfield Campus



The University's sites in the city of Southampton

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2. ABOUT THE UNIVERSITY

The University of Southampton has a deep and historic relationship with the city of Southampton, dating back to 1862 when it opened as the Hartley Institution in the High Street, below the Bargate. The move to Highfield took place in 1919 and next year marks the University's 100-year anniversary at Highfield Campus.

The University's work has tackled some of society's greatest challenges and key successes include:

- The University recently raised £25million to build the UK's first dedicated Centre for Cancer Immunology, which was completed earlier this year.
- For nearly 30 years, the Auditory Implant Service (USAIS), based on Highfield Campus, has had a significant positive impact through its work to help severe and profoundly deaf adults and children to hear with cochlear implants. Over 1200 people have benefitted from implants since the Service opened in 1990.
- The University's Optoelectronics Research Centre has contributed significantly to the remarkable growth of the photonics industry and has led the development of technology that underpins the internet, as well as many innovations in medicine, security and manufacturing.
- The University's wind tunnel has been used by external companies including many Formula One racing teams and Olympians including Sir Chris Hoy and Amy Williams.



Above: Dr Mary Grasmeder with Helen and Neil Robinson at the University of Southampton Auditory Implant Service



Right: Sir Chris Hoy using the University's wind tunnel



Turner Sims

Over the years, the University has welcomed members of the community to campus to enjoy many of its facilities, including the Turner Sims Concert Hall, the Nuffield Theatre, and the now city-based John Hansard Art Gallery. The University plays a crucial role in the arts in the city and the John Hansard has just become one of the main tenants of the new Studio 144 arts complex in the city's arts quarter.



Science and Engineering Festival

Each year, many of the University's academics give demonstrations of their world-leading research in local schools, helping the city's young people to learn about their specific subject.



Jubilee Sports Centre

Members of the community regularly use the swimming pool and other sports facilities at the Jubilee Sports Centre, with a large number of schools using it for swimming lessons on a weekly basis.

Most residents will know that the University operates its own bus service, Unilink, which local people across the city use on a regular basis.

As well as being a landmark on campus and the focus for the academic life of many students, the Hartley Library houses many special collections including those of local importance such as the Broadlands archive, helping preserve local history for future generations.

Every year the University's students and staff volunteer hundreds of hours in the local community. This ranges from mentoring and tutoring in local schools to afterschool clubs and litter picks.

The Students' Union's Raise and Give (RAG) raises up to £100,000 a year (their 2014 record) for good causes and one of their three charities is always local.

RANKED **96TH IN THE WORLD** IN THE QS WORLD UNIVERSITY RANKINGS 2019 AND **20TH IN THE UK** IN THE LATEST COMPLETE UNIVERSITY GUIDE

TOTAL UK **STUDENT POPULATION 24,140**, SOUTHAMPTON BASED POPULATION **22,468**

C. **245,000M² OF INTERNAL ACADEMIC FLOORS** SPACE WITHIN THE CITY OF SOUTHAMPTON, C.181,000M² OF WHICH IS BASED AT HIGHFIELD CAMPUS

SECOND LARGEST EMPLOYER IN SOUTHAMPTON, **WORTH £0.9 BILLION A YEAR TO THE CITY**

WINNER OF THE PRESTIGIOUS QUEEN'S ANNIVERSARY PRIZE IN 2018 FOR WORLD-LEADING EXPERTISE IN PHOTONICS AND FIBRE OPTIC TECHNOLOGY

WORKING IN PARTNERSHIP WITH OVER **300 BUSINESSES FROM AROUND THE WORLD**

TOTAL NUMBER OF **STAFF 6,550**, HIGHFIELD BASED STAFF 4,109

UNIVERSITY SCIENCE PARK HOME TO OVER **50 COMPANIES**

GLOBAL COMMUNITY OF OVER **220,000 ALUMNI**

KNOWLEDGE TRANSFER PARTNERSHIP (KTP) PORTFOLIO IS **WORTH OVER £1.7M** AND THE UNIVERSITY HAS A STRONG SUCCESS RATE IN GAINING KTP FUNDING

3. WHY IS AN ESTATE FRAMEWORK NEEDED?

The University of Southampton is the 8th most research intensive university in the UK. The latest Research Excellence Framework (REF) 2014, which is the national assessment of the quality and impact of research, shows that 84% of Southampton's output is of internationally excellent or world-leading quality.

However, the University cannot stand still within an increasingly competitive higher education sector if it is to continue to attract and retain staff and students. A plan, or Estate Framework, is needed to guide future University development, providing research and teaching facilities to ensure the University's staff and students continue to excel.

Improving campus experience

The University's estate must evolve to meet the growing expectations of a high-quality campus if it is to continue to attract exceptional students and staff. For the same reasons, many other universities, including Southampton's closest Russell Group competitors, are also investing in the quality of their estate.



Jubilee Plaza, an example of good quality public realm at Highfield Campus

The University has delivered some impressive facilities and public realm in the past decade and this must be continued to ensure the estate is of a consistently high standard.

Supporting new ways of learning

In recent years, there has been substantial investment and innovation in collaborative learning spaces across the higher education sector; particularly for scientific and technical subjects where multidisciplinary interaction is becoming essential for the development of emerging technologies. Other UK universities have invested in large laboratories designed to facilitate cross-disciplinary learning and research as well as a series of supporting project spaces and collaborative meeting spaces. The University has no capacity within its existing infrastructure to create equivalent facilities.



Above and below: Examples of exemplary learning and teaching spaces. Images copyright of Snelling Business Systems



Providing quality Halls

The University has invested significantly in its own residential estate, and leveraged investment with private providers at Mayflower and City Gateway Halls. The University is committed to maintaining a healthy supply of purpose-built student accommodation to support the student experience. Additional bedspaces have been delivered by the University since 2014, dramatically increasing the supply of accommodation. The University is now reviewing options for the future of South Stoneham House and its tower as well as refurbishing older halls of residence. See Board 10 for more information on the University's accommodation strategy.



The University's new Chamberlain Halls of Residence opened in 2016

Attracting exceptional students

The University is focussing on quality and internationalisation instead of pursuing substantial growth in student numbers. The University does not anticipate growth in student numbers above 1% in the coming years.

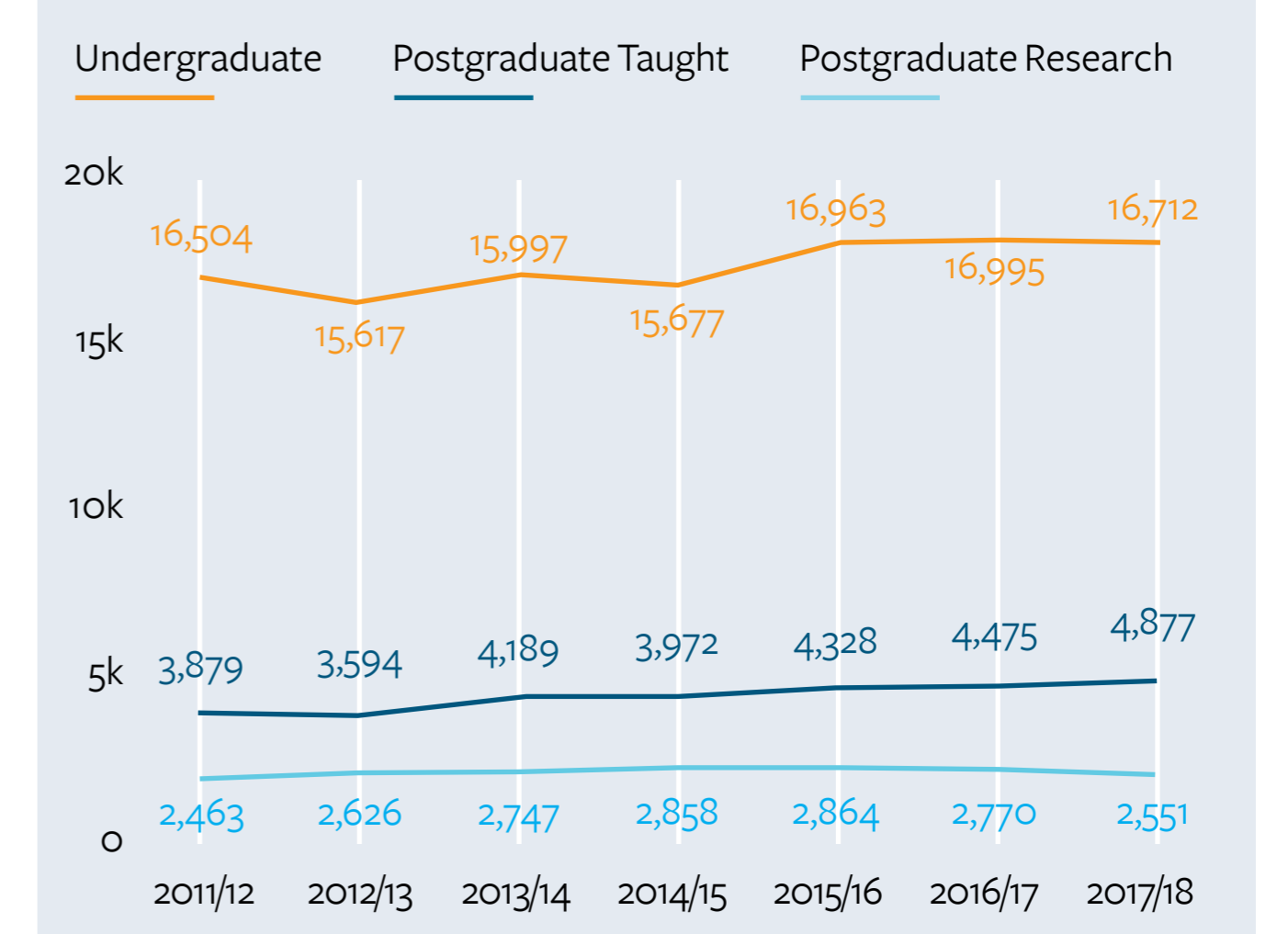
Improving the quality of the student experience will be key to pursuing this quality agenda. The Estate Framework will align with this objective by providing new fit-for-purpose and state-of-the-art facilities that will improve the experience of the University estate for staff, students and researchers, supporting them to excel.

Enhancing spaces

Occupancy of buildings on Highfield Campus is very high and it is not always possible to locate entire departments and schools in one building. Refurbishing accommodation is also a challenge, as there is often no space to relocate departments whilst work is underway. For example, the School of Mathematical Sciences is spread across several buildings, some of which are at the end of their useable life. Improving this arrangement would be advantageous, enhancing the learning and teaching experience while supporting staff recruitment and retention.



The University's vibrant student centre within Mathematical Sciences



4. SCOPE OF THE ESTATE FRAMEWORK

The new Estate Framework will focus on the renewal of the University's estate. The Estate Framework is a long-term plan and projects are being defined. Highfield Campus is the primary focus for investment and emerging project sites are identified below.

The Highfield Campus: Key Projects

North Gower Car Park

This site provides a strategic location for consolidating other departments into new accommodation and improving the Campus gateway, allowing the gradual refurbishment or removal of older buildings elsewhere on the Campus.

The existing Maths area

Following the relocation of Maths to the Broadlands site, this area will be redeveloped for new academic and research space alongside public realm improvements.

Heart of Campus

Highfield Campus is diffuse with little to engender a sense of place. By enhancing the public realm, incorporating academic uses and creating more activity, a stronger sense of place can be achieved within the centre of the Campus.

Broadlands Car Park

This site represents one of the most underperforming areas on Campus, dominated by surface parking and a poorly linked building. It is also the largest unconstrained development area remaining at Highfield and is proposed to be the site of new specialist collaborative teaching and research buildings, including the consolidation of Mathematical Sciences.

Car parking consolidation

The University is seeking to free up its Broadlands site and improve the management of car parking by consolidating parking to the periphery of the campus. This would include a surface car park on the former allotment site and a multi-storey car park on the Hampton site.

Engineering Square

This project will involve the redevelopment of the Faraday Building and improvements to the public realm in the surrounding area.

South of Jubilee

Proposals in this location will include the replacement of existing buildings, providing space for new University facilities, whilst also improving the approach and arrival experience of the Campus.



Other University of Southampton sites

Whilst Highfield Campus is the initial focus of the Estate Framework, the University is reviewing other sites as part of the overall process.

Southampton General Hospital

The University is in discussions with the NHS regarding the provision of University teaching and research space at the hospital site.

Wessex Lane Halls

The University is reviewing options for the future of South Stoneham House and the demolition of Stoneham Tower.

Avenue Campus

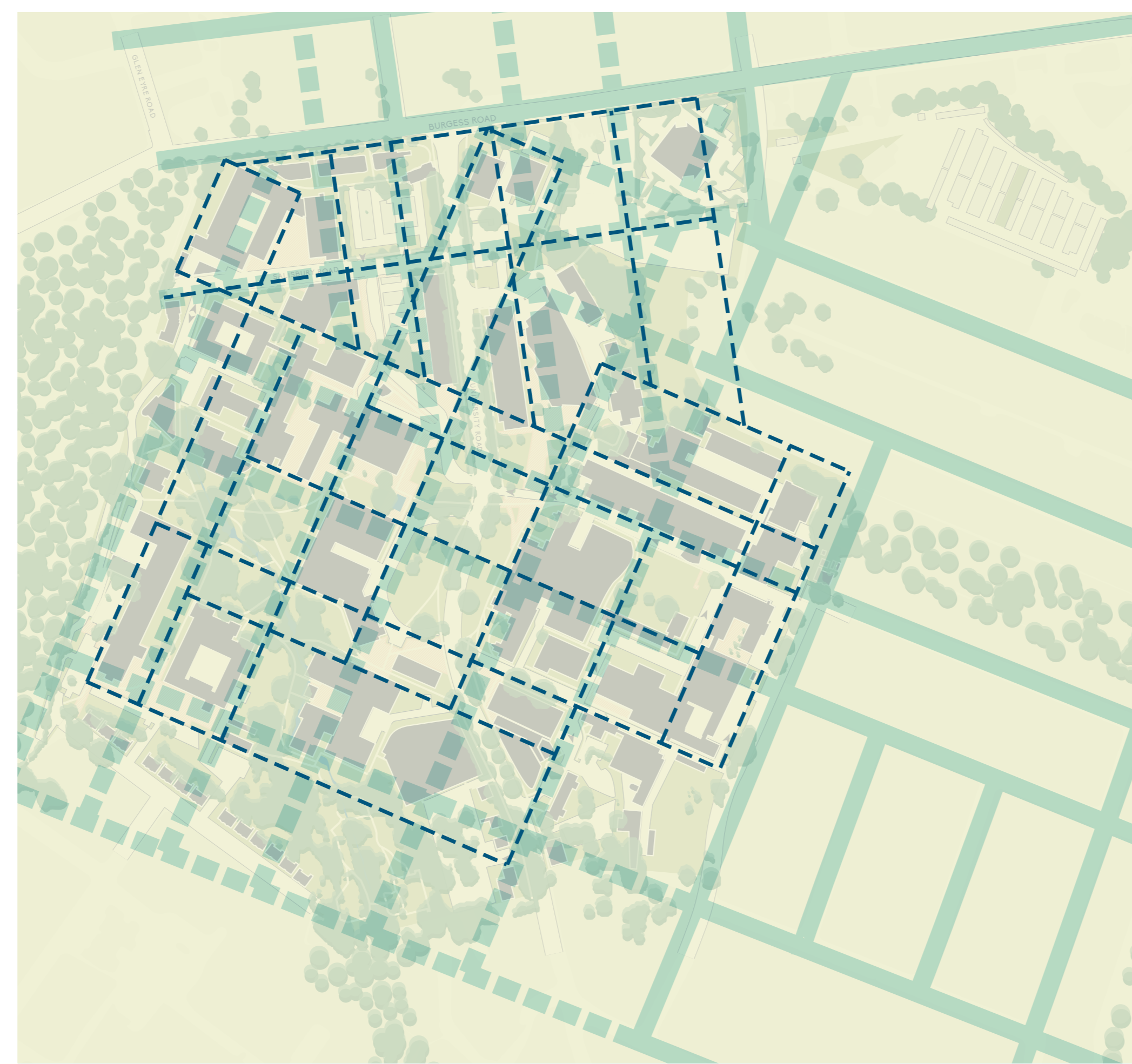
There are no plans within the current Estate Framework for any major projects at Avenue Campus.

5. HIGHFIELD CAMPUS: SITE ANALYSIS

The Highfield Campus Plan will evolve in response to existing key themes which provide a structure for the campus. Initial key themes have been identified as:



- PRE WAR (PRIMARYLY GUTTERIDGE & GUTTERIDGE)
- SIR BASIL SPENCE (SPENCE AS PRINCIPLE)
- JOHN S. BONNINGTON PARTNERSHIP
- POST WAR (PRIMARYLY GUTTERIDGE & GUTTERIDGE)
- SIR BASIL SPENCE (BONNINGTON AS PRINCIPLE)
- MODERN (VARIOUS ARCHITECTS)



- CITY GRID
- CAMPUS GRID



- VEHICULAR ROUTE
- PARKING
- DISABLED PARKING
- CAR PARK (PAY AND DISPLAY)
- PRE-BOOKED PARKING
- WHEELCHAIR ROUTE (UNASSISTED)
- WHEELCHAIR ROUTE (WITH ASSISTANCE)
- FOOTPATHS
- BUS STOP
- BICYCLE PATH
- LOCKED BICYCLE STORAGE

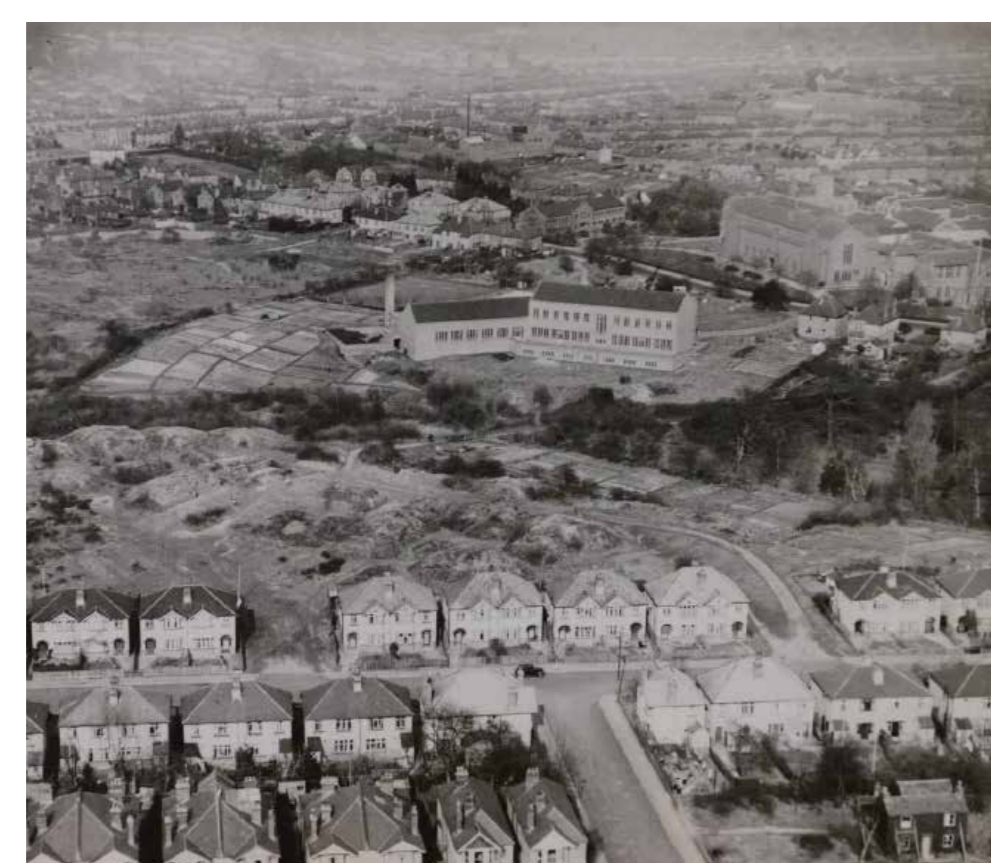


- STRENGTHS
- HIGH QUALITY HARD LANDSCAPING
- HIGH QUALITY EXISTING VALLEY GARDENS
- HIGH QUALITY SOFT LANDSCAPING
- OPPORTUNITIES
- THE CENTRAL LAWN - CONFLICT BETWEEN SERVICING AND PEDESTRIANS
- COURTYARD SPACES
- GATEWAY
- PASSIVE LANDSCAPE
- 02 MATURE WOODLAND EDGE/NO ACCESS TO THE COMMON/CAMPUS TURNING BACK ON COMMON
- 03 WOODLAND BACKDROP/LITTLE INTEGRATION

Campus History

Prior to the University receiving its Royal Charter in 1952, much of the Highfield Campus had been developed in a piecemeal fashion, with little evidence of a development plan. Many of the buildings of this time were led or influenced by Gutteridge & Gutteridge in a common materials palette using local red brick.

Basil Spence & Partners were commissioned in 1956 as both architects and planners and tasked with producing a 25-year Development Plan for Highfield Campus, as well as leading on individual buildings. Over the course of the commission many revisions were made to the development plan, responding to an evolving brief. Only about a third of the Development Plan was realised and Spence's direct involvement decreased over time with others in his practice taking the lead.



More recently, in 1996, Rick Mather Architects were appointed to prepare a new Development Strategy with the intention of reducing the divisive nature of University Road by improving the quality of the streetscape.

As well as development plans, prominent architects have also led the design of buildings and spaces. Notable practices in addition to those mentioned above include Sheppard Robson, Allies & Morrison and more recently NBBJ and Feilden Clegg Bradley Studios.

Campus Orientation

The Campus today is an amalgamation of two clear development grids.

The majority of the buildings on Campus follow the prevailing masterplan geometry of the first 60 years of development initially laid out by Gutteridge & Gutteridge, which is informed by the grain of the residential streets to the east and was also the basis of Spence's development plan.

In the north of the Campus, a second prevailing grid was established in the late 1990s by the Rick Mather Architects Masterplan which was influenced by the geometry of Burgess Road and residential streets to the north.

Recent developments, including the Mountbatten Building, Life Sciences and the new Learning and Teaching Building, mediate between the opposing grids and future development interventions will have to continue to do so.



Life Sciences Building opened in 2010



EEE Building opened in 2006

Transport, Access and Public Realm

Highfield Campus has two main vehicular access points at either end of University Road. The arrival experience at both is modest, with little to announce the Campus as home to a world-leading higher education institution.

Car parking is scattered throughout the Campus and in some central areas is the dominating feature, with cars having priority over pedestrians. Central parking areas are favoured whilst peripheral parking areas, which are less accessible, often have capacity. This imbalance leads to a perception of a parking shortage on Campus with drivers hunting for spaces in central areas.

Controlled parking areas surround the Campus preventing staff and students parking all day.

The Campus offers good pedestrian permeability, however it is inconsistent in the quality of its public realm, being mixed with servicing and dispersed parking.



Landscape and Biodiversity

Green spaces and soft landscaping play an important role on Campus, particularly on the west side of the Campus which accommodates Valley Gardens and many buildings set within the landscape, giving the impression of a parkland setting rather than a dense inner-city Campus.

The Campus is focused around a central landscaped square, with a series of distinctive secondary spaces around which buildings are clustered. These range from lush landscaping to more formal collegiate-style courts, delivering a pleasing variety of external spaces which assists with way-finding.

Most of the soft landscape across the Campus is formal in nature and maintained as attractive green space, however Valley Gardens has been identified as a key biodiversity area by the University and is protected from development.



Several protected species can be found across the Campus. The University also has a diverse collection of trees, a number of which have Tree Preservation Orders.

6. HIGHFIELD CAMPUS: OPPORTUNITIES AND STRATEGIES

The Highfield Campus Plan proposes a series of neighbourhoods with their own character and landscape areas. The Plan looks to enhance their character with future proposals while improving the public realm.

North-West Zone

This neighbourhood is characterised by a mix of building styles linked by smaller scale courtyards. The area provides frontage to Burgess Road and a link to the Common via Salisbury Road. To the southern edge of this zone, the imposing Maths tower, associated buildings and surrounding areas act as barriers both visually and physically.

Proposed Campus improvements include:

- Linking hard and soft landscaping in the northern area with the mature landscape in the southern zone and the Common
- Design of replacement buildings which complement the character of the zone and improve pedestrian routes for both day and night-time use
- Contribute to the sense of arrival at a world-class University
- Improve energy efficiency and the University's carbon footprint through efficient building design

South-West Zone

This neighbourhood is strongly influenced by mature landscaping, boundary with the Common and Valley Gardens to the south. The landscape is undulating with challenging level changes. Existing building layouts within the zone work reasonably well within its landscape. To the north and east, accessibility is physically constrained by steep gradients and by the Maths and staff club developments respectively, which act as physical barriers adjacent to this zone.

Proposed Campus improvements include:

- Creation of better access to this zone through sympathetic and co-ordinated redevelopment of the Maths tower to the north and Heart of Campus to the east
- Extension of hard and soft landscaping to the north and east and improved links to the Common
- Improved and controlled servicing and parking strategies to this area of the Campus

Southern Zone

This neighbourhood is defined by the scale of residential properties which line the approach and tree-lined street. Entry into a University campus environment from the south is currently undefined and incidental. There is no sense of arrival or orientation.

Proposed Campus improvements include:

- A better sense of arrival and orientation by improving visibility into the heart of the Campus
- Use public realm to signal the transition from residential to University campus

North-East Zone

The North-East Zone presents the biggest opportunity to extend the Highfield Campus. This zone has no pre-existing identity and is predominantly surface parking.

Proposed Campus improvements include:

- Address the city to the north with civic scale buildings
- Create a new, central, south-facing green space as part of a hierarchy of landscape spaces ensuring individual buildings have small scale external spaces, which link to a central parkland
- Repurpose the former allotment site as surface parking
- Provide catering and shopping facilities alongside attractive public realm for both the University and local community

Central Zone

This neighbourhood is characterised by physical and operational conflicts between being a central arrival point at the University, a major meeting place for staff and students and a servicing area for all surrounding buildings. A green area surrounded by a mix of building types creates a sense of a 'square or plaza' that is compromised by operational needs.

Proposed Campus improvements include:

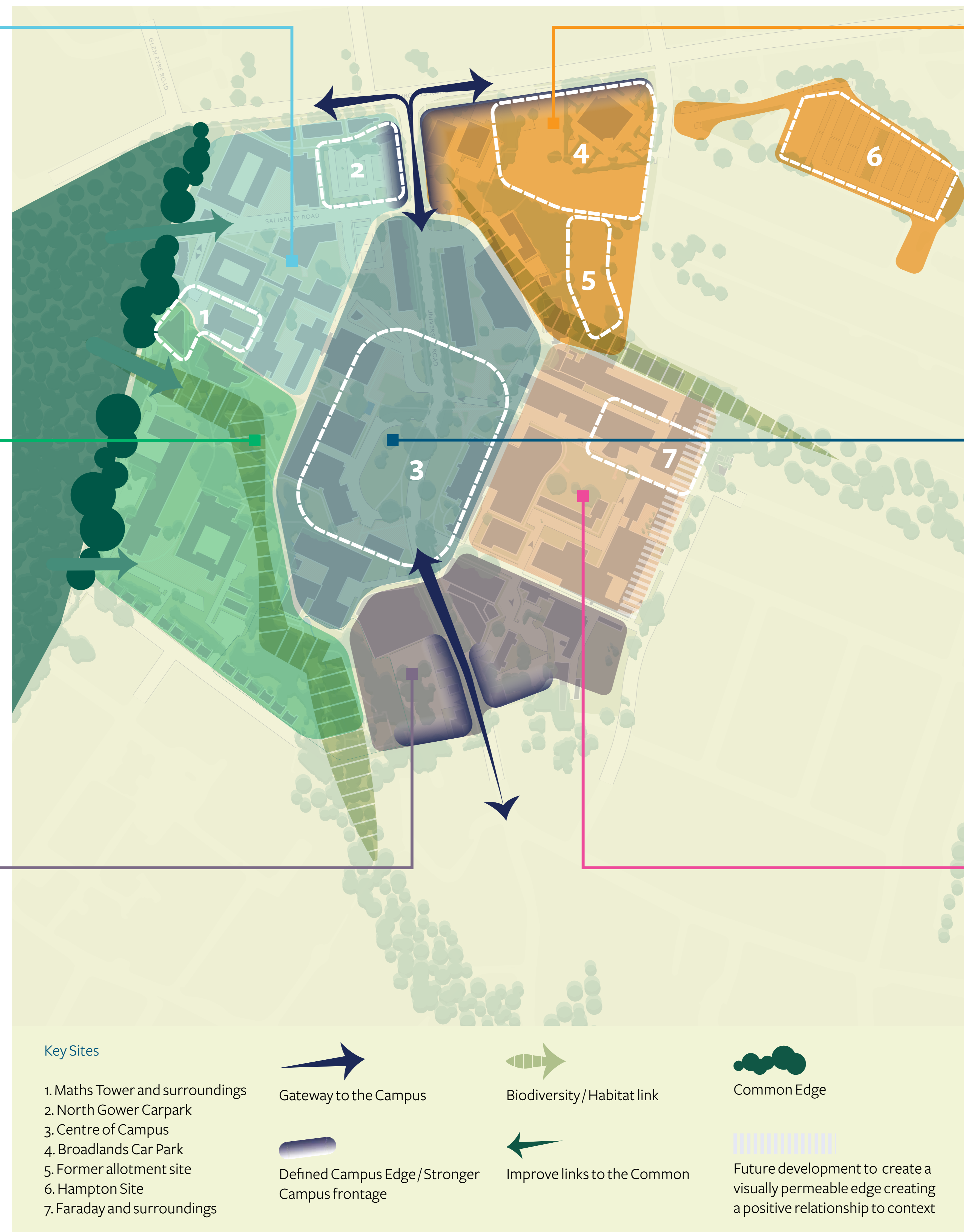
- Giving pedestrians priority over vehicles
- Improved servicing and delivery provision, reducing pedestrian and vehicle conflicts
- Enhanced hard and soft landscaping with improved links and access
- Creation of a true 'Heart of Campus' as a clearly identifiable point of arrival and orientation
- Intensification of student and staff activities to create a stronger sense of place and a more vibrant campus
- Provide a place of arrival with facilities that support activities showcasing the University as one of the leading academic institutions in the UK and internationally

Eastern Zone

This neighbourhood is defined by a mix of building types and styles from differing eras, fronting onto private residences and the Heart of Campus. The area is predominantly hard landscaping and service routes supporting a dense mix of research and teaching facilities such as the Institute of Sound and Vibration Research. The look and feel of the area is harsh and unwelcoming, with poor public realm and extensive on-street parking.

Proposed Campus improvements include:

- Better public realm and visual interface with adjacent private residences and the Heart of the Campus
- Replacement of buildings no longer fit-for-purpose to enhance the environment and character of the area
- Improved and controlled servicing to research buildings and laboratories
- Creation of green spaces between buildings and relocation of car parking
- Improved carbon footprint through efficient design



7. PROJECT: CAR PARK CONSOLIDATION

The consolidation of car parking is an essential enabling phase for the Estate Framework to ensure the development of the North-East Zone can be realised.

Highfield Campus suffers from a disparate and disjointed parking provision, with car parks of varying sizes in multiple locations across the site. There are currently 1,507 car parking spaces available on Campus, spread amongst dedicated car parks and around buildings. The parking provision primarily caters for permit holding staff and disabled permit holders, however the provision also includes pre-booked visitor car parks and Pay & Display.

In order to restrict cars to the edge of Campus without displacing traffic into new areas, it is proposed to make efficient use of land already accessed from Broadlands Road. This includes the introduction of a multi-storey car park at Hampton and the use of the former allotment site west of Broadlands Road.

Through a consolidation of disparate parking there is an excellent opportunity to improve the Campus and:

- Encourage more efficient parking, reducing cars hunting looking for spaces
- Improve public realm compromised through parking, creating a stronger sense of place
- Prioritise pedestrians within the Campus to improve safety

Overall car parking levels will remain unchanged, as will University car parking permit policies. Parking restrictions apply on surrounding residential streets.

Hampton Site

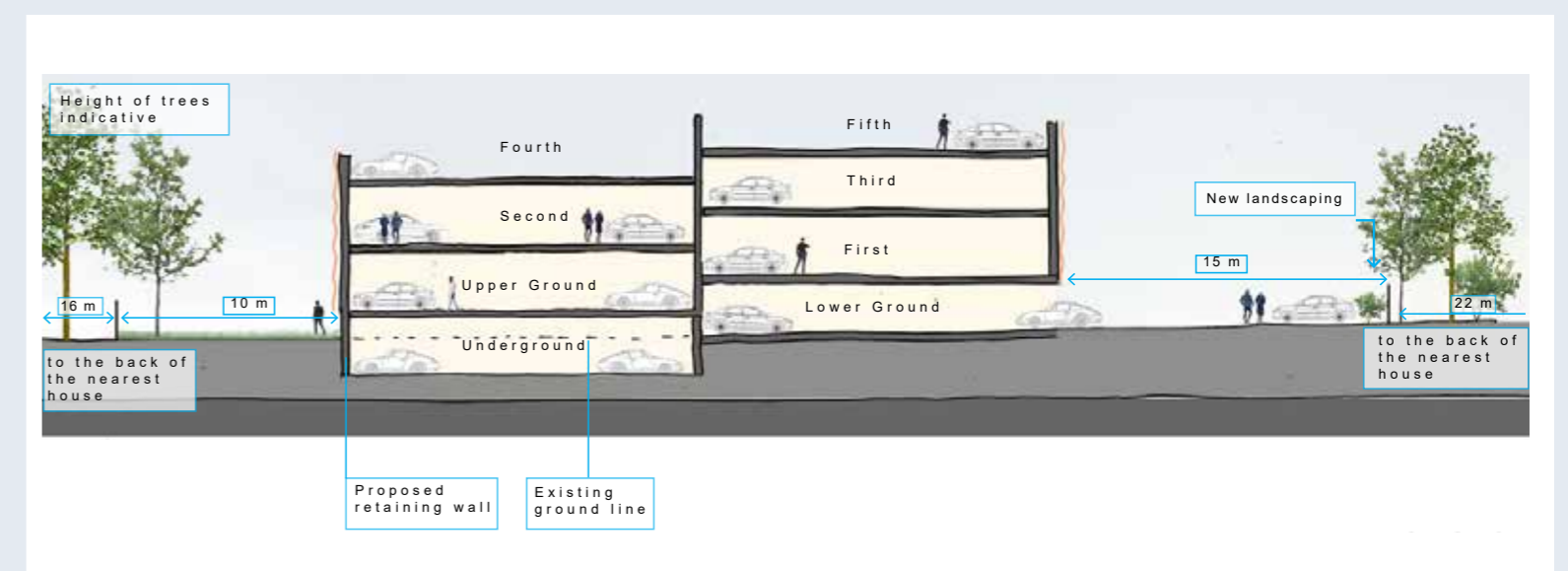
Hampton Park currently provides surface parking for 323 cars. Due to its configuration, existing access and limited technical constraints, the site is considered capable of accommodating a multi-storey car park of five split levels, which is the equivalent of approximately 13m from ground level. Some surface parking will also be retained on site.

The exact siting of the multi-storey structure is still to be determined, however it will be located centrally within the site and set back from residential boundaries and properties.

Environmental factors including noise, air quality and ecology will be fully considered as part of the proposed design with mitigation measures incorporated where necessary.



Indicative proposed site plan illustrating the location of the proposed Multi-Storey Car Park on the Hampton Site



Indicative proposed cross section

Travel Plan

The University's existing Travel Plan covers the period 2015-2020, and looks to build upon the successes of the 2010-2015 Plan.

The Travel Plan sets out a series of measures to encourage staff, students and University visitors to adopt more sustainable travel habits.

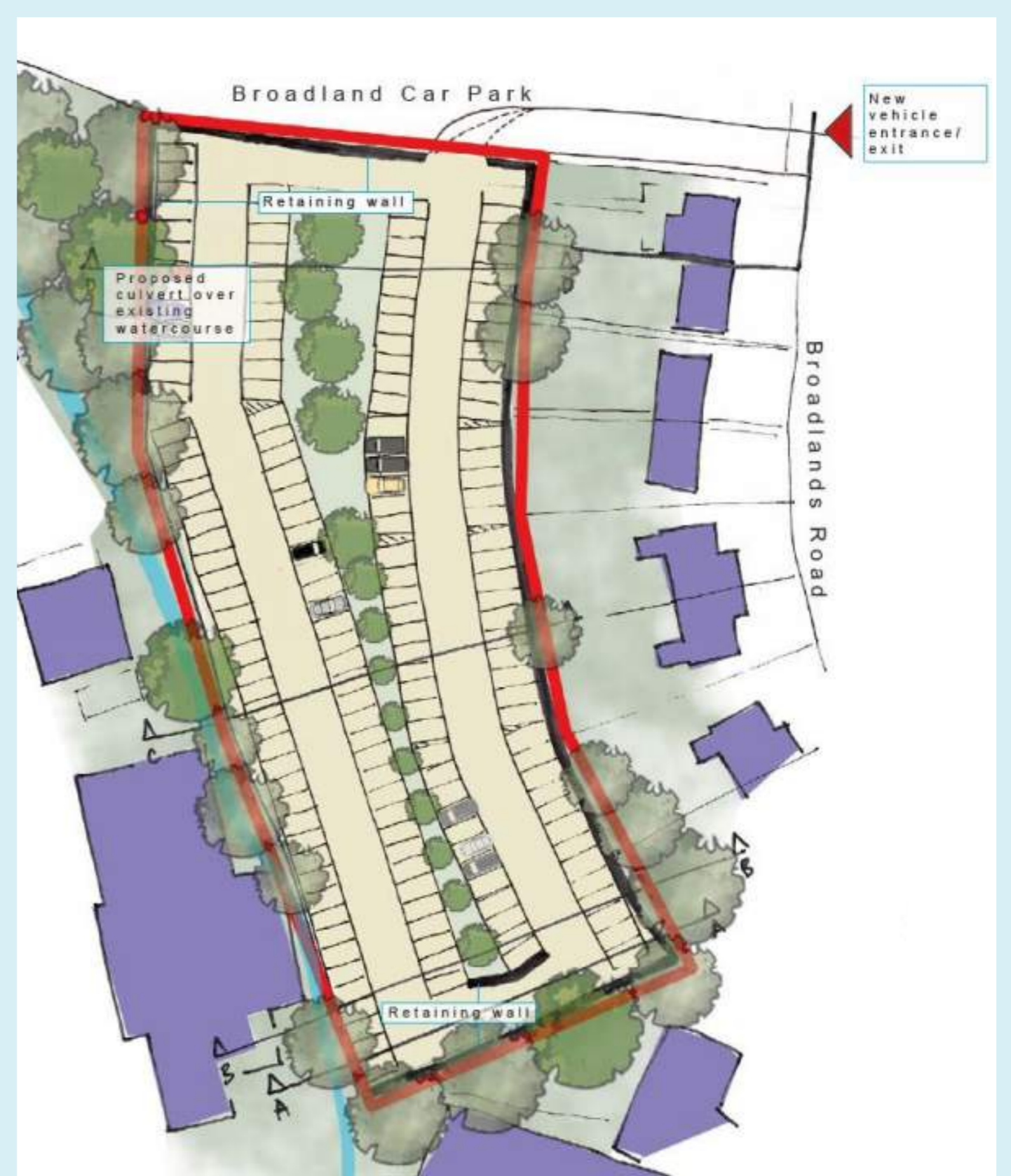
The University invests significantly in its Travel Plan with key successes being:

- A 7.2% reduction in staff car use for commuting based on a 2010 baseline
- 4.1% increase in Uni-link bus use and 3.6% increase in rail travel for staff commuting during the same period
- Continued reduction in student car travel, against a low baseline
- The Travel Plan currently includes 111 specific objectives, of which 41 have been completed, 53 are ongoing commitments and 11 are considered undeliverable at present

Land to west of Broadlands Road

The former allotment site is currently vacant grassland bounded with residential properties to the east. In 1988 planning permission was granted at appeal for a 2-storey, 247-space decked car park, but was never implemented given the challenging gradient of the site which slopes 7.4m from north-east to south-west.

The concept scheme proposes a surface car park with a terrace arrangement, working with the gradient of the site rather than requiring significant engineering to level the area. Access is proposed to be taken from the existing Broadlands Car Park via a new access road.



Indicative proposed site plan illustrating surface parking on the former allotment site

Plans for both peripheral locations are very much at an early design stage and a dedicated car park consultation event will be held in the autumn to share further information with you, prior to any planning applications being made to Southampton City Council.

8. PROJECT: THE NORTH-EAST ZONE

The North-East Zone will be one of the most significant improvements Highfield Campus has seen in the last 100 years. The project will house vital teaching, learning and research spaces, whilst enhancing the frontage on Burgess Road. High-quality public realm and new catering and retail facilities will complete the transformation.

The North-East Zone is comprised of two distinct, but related elements:

1. The relocation and consolidation of Mathematical Sciences from four constrained buildings into a single, purpose-built facility on the North-East Zone.
2. New collaborative specialist teaching, learning and research buildings for all Science, Technology, Engineering and Maths (STEM) subjects.

Including a new catering hub and retail provision, the scale of the overall project means that only this part of Highfield Campus is a viable location. The existing car parking on the site will be consolidated to the periphery of the Campus, an essential first phase in support of this project (see Board 7).



Context Plan

Mathematical Sciences

Mathematical Sciences are spread across several buildings. This impacts student and staff experience as well as their academic and research output, particularly as some of these buildings are environmentally inefficient, no longer fit-for-purpose and cannot be successfully adapted.



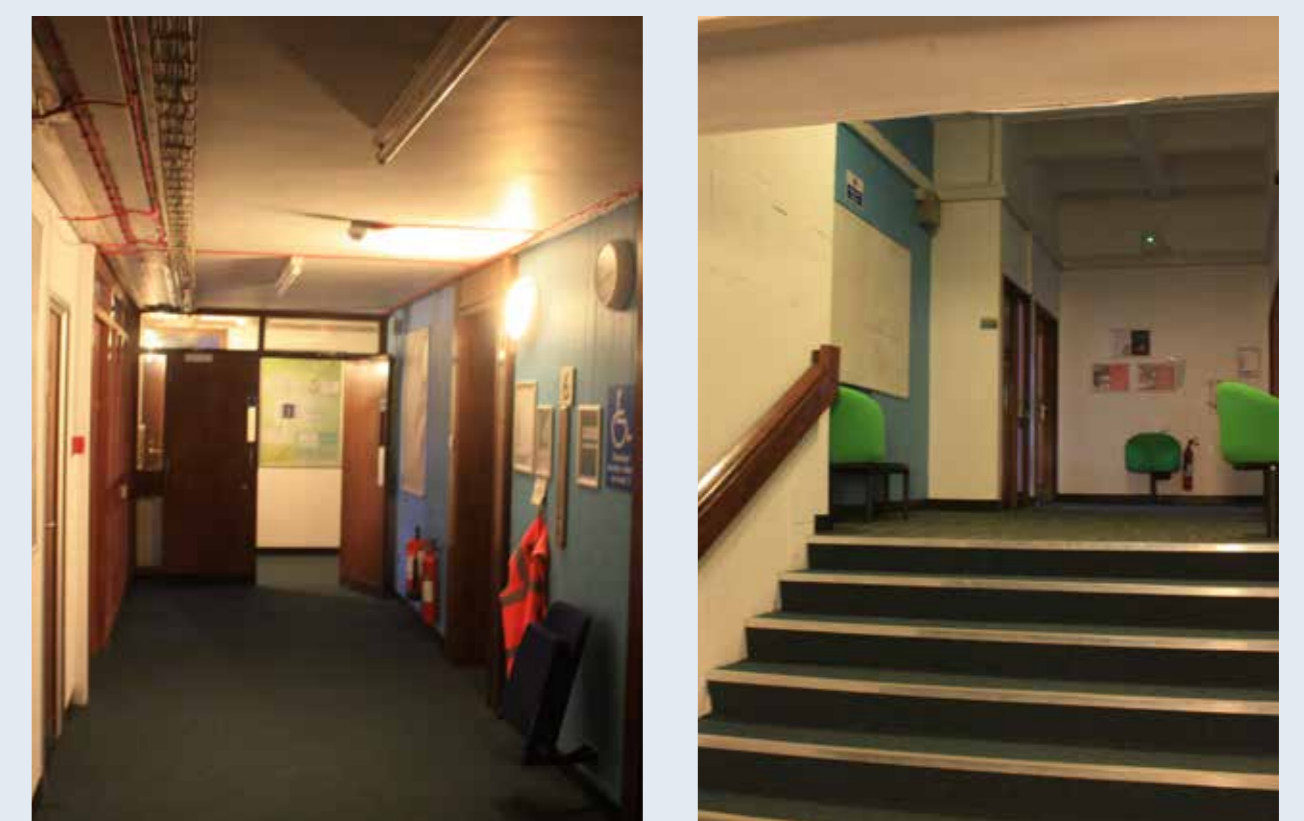
Mathematical Sciences are constrained by accommodation no longer fit-for-purpose

The proposed new building is an opportunity to bring Mathematical Sciences together in a single academic community and centre for excellence. At the heart of the building are student-focussed facilities, including collaborative social and learning spaces. This includes a larger student centre to cope with demand from students for this popular facility, which can also be used to host larger academic events and lectures for up to 120 people.

Central to the School's vision is a facility that supports active collaboration and engagement in education and research within and between disciplines.

The facilities will allow Mathematical Sciences to compete with other institutions who have already invested in their Maths departments such as:

- Alan Turing Building, University of Manchester
- Mathematical Sciences Building, University of Warwick
- Andrew Wiles Building, University of Oxford



Existing internal spaces within Mathematical Sciences



New internal space at the University's Boldrewood Campus

Collaborative teaching and research buildings

The proposed buildings will facilitate a new collaborative way of working, essential if emerging environmental and technological challenges are to be tackled and the University is to remain at the forefront of science and engineering based teaching and research.

Although cross-disciplinary working is a recognised strength of the University of Southampton, new facilities would provide an opportunity to deliver new spaces that extend cross-disciplinary working onto undergraduate teaching programmes. Key to the buildings will be a series of informal break-out spaces and generous circulation areas designed to promote chance encounters and informal conversations between different disciplines.

It is intended that the collaborative objective of the buildings extends beyond the University.

The buildings will comprise:

- Generous entrance and circulation spaces, with exhibition and event capability
- Large multi-disciplinary teaching and computer laboratories
- Storage and technician space to support cross-disciplinary research, teaching and learning
- A specialist data arena and the flexibility to undertake 3D modelling and visualisation research and teaching, using virtual and augmented reality
- Break-out and study areas for individual and small group activity
- Collaborative space for staff and students to relax and share ideas
- Seminar rooms
- A catering hub to support the North-East Zone



Immersive learning using virtual and augmented reality



Superlab at Anglia Ruskin University, Cambridge Campus. Image copyright of Snelling Business Systems

9. PROJECT: ENGINEERING SQUARE AND HEART OF CAMPUS

The University wishes to align the quality of its campuses with its world-leading status. The Boldrewood and Avenue Campuses are examples of how successful the University is in this endeavour, providing a strong impression to prospective staff, students and visitors. Highfield Campus has some impressive parts to it, but is inconsistent and not to the same standard as these other campuses.

Approaching the Highfield Campus by road, from either end of University Road, there is currently little to herald arrival at a University. The current network of pedestrian routes across the Campus lacks clarity and has become disrupted, particularly by servicing and opportunistic car parking.

The Highfield Campus Plan proposes two key strategies to address the issues of a modest arrival experience, poor legibility and key areas of the Campus dominated by vehicles:

1. Progressive relocation of car parking from the core of the Campus to the periphery into new car parks to make way for enhanced public realm and buildings.
2. A transformational project within the centre of Highfield: the Heart of Campus project.

Engineering Square

Many parts of the Campus are ill-defined or dominated by car parking and servicing. As a campus-based University it is vital that the estate provides a consistent campus experience. The area around the Faraday Building performs particularly poorly in this respect.

This project will revitalise the Engineering Square by replacing the Faraday Building, which is no longer fit-for-purpose, with new flexible facilities as well as relocating car parking to provide new streets around the square. In addition to infrastructure upgrades, public realm enhancements will create a more welcoming campus.



Above and below: Existing public realm around the Faraday Building



Heart of Campus

The principle idea behind this project is the re-instatement of the central University square as the 'front door' to the Highfield Campus. The proposal seeks to create a stronger connection between the library, staff club and Students' Union.

This will be achieved by:

- Regenerating the Central Zone to create a renewed Heart of Campus
- Creation of a new visual and functional focus for the heart of the University
- Act as a point of connection across the different zones on Campus

The Heart of Campus project goes further in that it will increase the intensity of academic life around the core of the University by introducing new activities with new or refurbished buildings.

The University's intentions include:

- A new large lecture theatre designed to support the intellectual life of the University by facilitating academic exchange
- The facility will also be used to support graduation ceremonies



Heart of Campus will align student and staff services with new routes and landscape

- An increase in quality and offer of catering facilities
- Improved facilities to support student life
- Improved connectivity between all zones on Highfield Campus
- Enhance existing landscaping with native species
- Improve the University's carbon footprint



The centre of the Campus is dominated by University Road

10. ACCOMMODATION STRATEGY

A modern University needs at all times to offer suitably priced and attractive residential accommodation in a well maintained, safe and secure environment. The University of Southampton has invested heavily in recent years to meet this need.

Since 2014 the University has substantially increased and modernised its own student accommodation, through redevelopment of sites such as Chamberlain, or by leasing privately developed accommodation such as Mayflower Halls. These two developments together added over 1,500 bed spaces to the University's overall supply, which is now in excess of 6,000 bedspaces.

This expansion in bedspaces should be seen in the context of a slowdown in student number growth to address a desire by the University to focus on excellence and the introduction of higher entry grades.



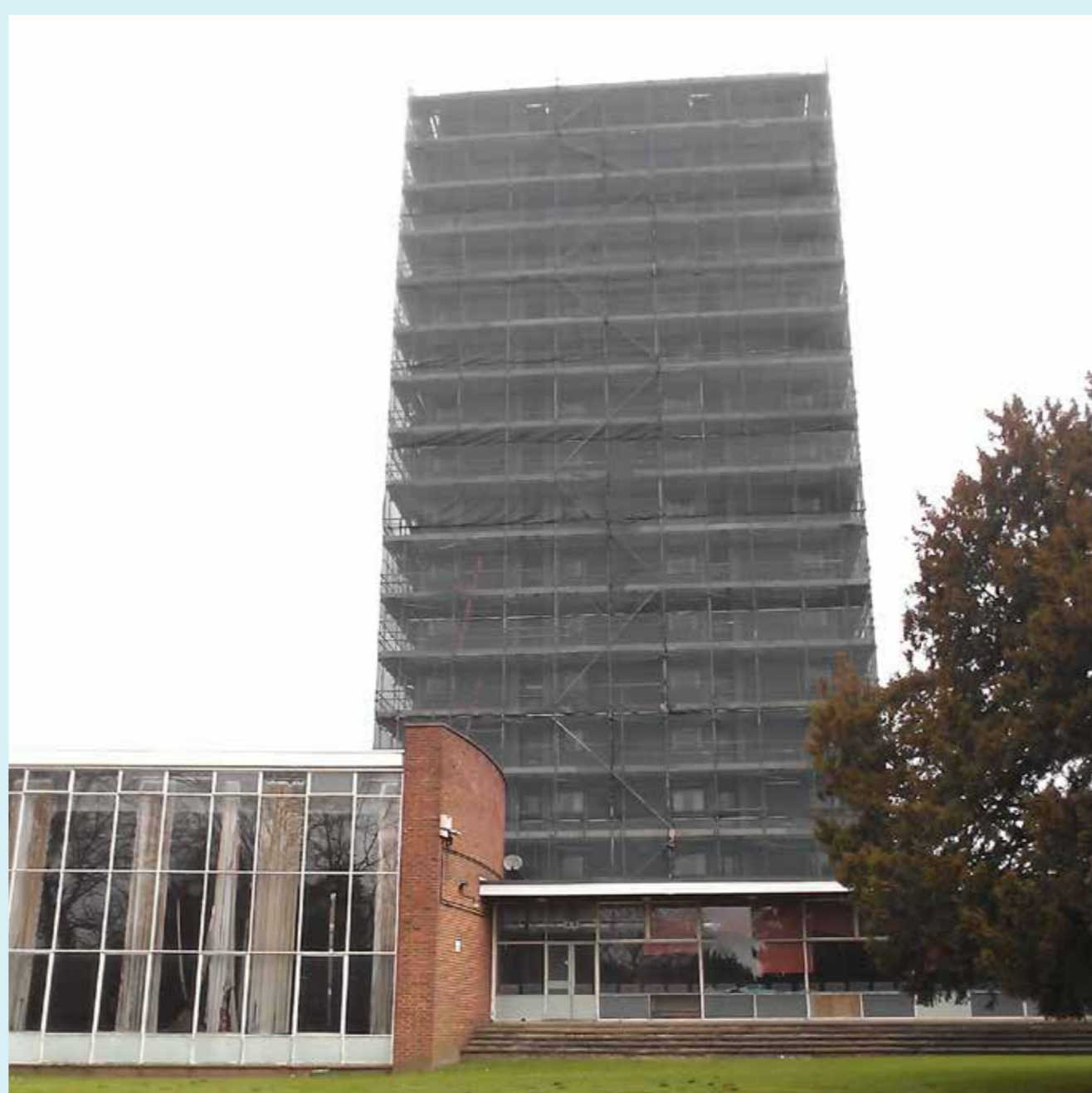
The University's new Chamberlain Halls of Residence opened in 2016



Mayflower Halls opened in 2014

Over the lifetime of the Estate Framework, the University will continue to invest in its residential accommodation. The range of projects will include:

1. The University will refurbish and repurpose South Stoneham House and grounds with replacement student accommodation in keeping with the distinctive setting of the site. This will include the demolition of the tower as a priority.
2. Refurbishment and/or replacement of accommodation which is now no longer attractive to students, principally at the University's Wessex Lane site.
3. Disposal of some Halls which are of limited attraction to students and in locations better suited to alternative use. Any bedspaces lost through disposal will be re-provided and this has been factored into the University's overall programme of investment.
4. The University estimates that private operators will have over 6,000 bedspaces available by the end of 2019 which students at both of the city's universities may choose to rent.



Stoneham Tower

By 2023, the University will fulfil its maximum demand for first-year under and post graduate students. This means all University of Southampton students who want a place in halls of residence will have one and that those students who may have chosen to live in a shared house, now have an alternative option.



South Stoneham House in the foreground with Stoneham Tower in the background



Internal view of Montefiore Halls, Wessex Lane

11. SUMMARY AND NEXT STEPS



Thank you for coming to this exhibition which signals the beginning of an important and exciting stage for the University of Southampton.

This is the beginning of the process. The purpose of this exhibition is to set the scene and explain the reasons for change which underpin the Estate Framework, whilst highlighting early projects to you. A lot of work is still to be done and the University will

be sharing its plans again with you at a follow-up exhibition on the Estate Framework and a separate consultation event on the car park proposals in the autumn.

Over the next few months, the University will be reviewing your comments and commissioning further technical assessments to supplement the Estate Framework, the

findings of which will be explained to you at the next exhibition. These assessments will include:

- Ecology Assessment
- Ground Conditions Survey
- Archaeology Assessment
- Drainage and Flood Risk Assessment
- Arboricultural Surveys
- Transport and Parking Surveys

If you have any comments, please fill out a feedback form. Alternatively, all the information displayed today can be found at www.southampton.ac.uk/community and comments can be emailed to estatedevelopment@southampton.ac.uk.