

Campus Masterplan update

Student village deal announced

The University and the real estate and infrastructure unit of the Abu Dhabi-based investment and development company, Mubadala Development Company, have announced an investment of approximately £175m to develop a three-phase student village on the Owens Park site on the University's Fallowfield Campus.

The vision for the student residences in Fallowfield will see 3000 modern, high-quality units created by replacing the existing properties, including demolition of the Owens Park Tower. Pricing of the units will be competitive for students, and include access to facilities in a new Student Hub, with the University continuing to provide personal and welfare support.

The first phase of units are expected to be ready for the 2018/2019 academic year, subject to finalisation of development plans and planning consents, with lettings managed by the University's accommodation office.

The opportunity for Mubadala to invest in the Fallowfield project builds on the relationship established with Masdar, the Abu Dhabi-based clean technology and renewable energy company wholly owned by Mubadala. Masdar is partially funding the development of the Manchester Graphene Engineering & Innovation Centre, and is establishing joint graphene application research and fellowship programmes with the University.

President and Vice-Chancellor, Professor Dame Nancy Rothwell, said: "This represents an outstanding opportunity for the University. This significant investment by Mubadala will allow our students to enjoy some of the best living and learning facilities in the country, and forms part of our ten-year capital expenditure



programme to improve and evolve facilities at the University."

Ali Eid AlMheiri, Executive Director of Mubadala's real estate and infrastructure unit, said: "I am delighted that we are able to invest in this project, which will improve infrastructure and facilities on the Fallowfield campus." He added: "It

also allows Mubadala to further build on our existing portfolio of education projects including UAE University, Paris Sorbonne University and Zayed University in Abu Dhabi. We are confident that, in partnership with The University of Manchester, our investment will provide the next generation of accommodation and facilities."

Library improvements

Significant progress has been made with plans for the redevelopment of the Main Library. The project will be completed in three phases, with building work beginning in summer 2016 and due for completion in summer 2019.

In addition to substantial investment in long term maintenance (heating, lighting, flooring and the roof) there will be the opportunity to make noticeable improvements to the interior. These will include additional glazing to allow more natural light into the building, structural work to alter the primary circulation routes to improve navigation, new furniture,

extra toilets and new café facilities.

The redevelopment will provide better study spaces for postgraduates, improved access to Special Collections which will also support the work of the John Rylands Research Institute, and a ground floor space focused on student needs.

Library staff areas will be designed to accommodate staff moving from Joule Library on the North Campus and to allow teams to work better together with flexible configurations to maximise the use of space.

These plans have been shared with Library staff at recent meetings along with initial discussions around



maintaining the Library service while work progresses in a live environment. Concepts will be trialled as the redevelopment progresses and consultation with stakeholders,

including students, will continue throughout the lifetime of the project.

www.manchester.ac.uk/library/redevelopment

Campus Masterplan Phase One

1. Graphene Engineering Innovation Centre

Project cost: £60m
Completion date: 2017

The Graphene Engineering Innovation Centre (GEIC) will be critical in the development of commercial applications and in maintaining the UK's world-leading position in graphene and related 2D materials. It will be built on the site of the Faraday undergraduate block which is to be demolished.

2. Manchester Engineering Campus Development

Project cost: £300m
Completion date: 2019-2020

A significant part of the Estates Strategy is to relocate all academic accommodation from the North Campus to the South, so we need to create the Manchester Engineering Campus Development near Oxford Road. This will incorporate a teaching block.

3. The National Graphene Institute

Project cost: £61m
Completion date: 2015

The National Graphene Institute will provide a state-of-the-art research facility which builds upon the highly acclaimed work of Nobel Laureates Professor Sir Andre Geim and Professor Sir Kostya Novoselov of The University of Manchester.

4. Simon Building

Project cost: £12m
Completion date: 2015/16

The Simon Building has seen recent investment in a new Computer Cluster, a new shared services facility for Human Resources and conversion of the basements into new lecture theatres. This investment will continue with a £12m programme of long-term maintenance works and the creation of additional teaching spaces.

5. Quad Conservation Project

Project cost: £11.3m
Completion date: 2016

Conservation of the quad buildings including John Owens, Christie, Beyer and the Manchester Museum. Upgrading the single glazed windows to incorporate double glazing will assist in reducing the carbon emissions associated with heating the building and improve comfort.

6. AV Hill Building

Project cost: £3m
Completed

When originally built the AV Hill Building included some shell accommodation for future use. This project, together with other internal remodelling works, fits out this space to provide much-needed laboratory, write up and office accommodation.

7. Biomedical Research Building

Project cost: £21m
Completion date: 2018

A dedicated research building adjacent to the Stopford Building to meet the need for this type of accommodation in attracting world-class researchers to the University.

8. Vaughan House Refurbishment

Project cost: £2.4m
Completed

The project comprises a full refurbishment of the Grade II Listed Vaughan House, the former presbytery of the Holy Name Church. The refurbishment provides a home for the Manchester based hub of the Health eResearch Centre for the North of England. The accommodation comprises a high quality dry research space with supporting accommodation including, a teaching and education facility, break out lounges, offices, and meeting rooms.

9. Manchester Business School

Project cost: £54m
Completion date: 2018

The exciting Manchester Business School Redevelopment Project will create a new hotel, Executive Education Centre and redeveloped School buildings to enable MBS to co-locate on one side of Oxford Road in the strategically important Oxford Road Corridor.

10. The University of Manchester Library

Project cost: £33m
Completion date: 2019

The Library will be significantly remodelled and refurbished to relocate the Joule Library from the North Campus, and provide enhanced and modern library facilities. This project will span Phases One and Two of the Campus Masterplan.

11. Brunswick St

Project cost: £3m
Completion date: 2015

This project will see the closure of Brunswick St to mainstream traffic and transformed into a Public Realm area seeing the surrounding buildings whilst providing a gateway into the University from neighbouring Ardwick.

12. Coupland 3 (including Burlington Rooms/Schunck Building)

Project cost: £33m
Completion date: 2016

Coupland 3 is a listed building located on the Rear Quadrangle of the University's cluster of historic buildings. It was the original home of the School of Medicine and large parts of the building have been vacant for some time. The building will be the new home for the School of Law, the Directorate of the Student Experience, Faculty of Humanities Administration and the Post Graduate Hub.

13. Samuel Alexander and Mansfield Cooper Buildings

Project cost: £14m
Completion date: 2016

Significant investment in the Samuel Alexander and Mansfield Cooper buildings will see major remodelling of office and teaching space for the School of Arts, Languages and Cultures and the creation of breakout areas where students can mix and carry out group work.

14. Students' Union

Project cost: £3m
Completion date: 2018

In addition to around £1m being invested in refurbishing existing accommodation over a three-year period, the building will be extended to provide much-needed additional accommodation for staff moving from the North Campus Students' Union.

15. Whitworth Art Gallery

Project cost: £17m
Completion date: February 2015

This new development, partly funded by the Heritage Lottery Fund, has extensively refurbished the existing gallery and re-connected the 19th century building with Whitworth Park through an elegant contemporary extension. Two new wings will embrace the park, creating an art garden between, housing a landscape gallery, a café in the trees, a study centre and learning studio. Exhibition galleries will be restored, a collections access zone created and the original 19th century grand hall will be reinstated to public use.

16. Jodrell Bank, Cheshire

Project cost: £14m
Completion date: 2018

Following investment into a new home for the Single Kilometre Array Project, the University's investment will continue with a number of key projects. We will embark on a programme of maintenance and repair works to the Lovell Telescope, remove redundant structures and buildings around the site and significantly refurbish the telescope control building.

17. Manchester Cancer Research Centre

Project cost: £38m
Completion date: 2015

This new development, partly funded by Cancer Research UK and The Christie NHS Foundation Trust, will provide state-of-the-art facilities for the expansion of cancer research activities; accommodating scientists alongside clinical trials support staff. The integrated partnership approach is essential to turn research findings in the laboratory into better treatments for cancer patients.

A map of the Manchester University campus with various buildings highlighted in purple. Callout boxes provide details for specific projects. The map shows streets such as Mancunian Way A57, Upper Brook Street A34, Oxford Road A34, and Higher Cambridge Street. Buildings like the Aquatics Centre, Royal Northern College of Music, and the Alan Turing Building are labeled.

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4. Simon Building

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Completion date: 2015/16

6. AV Hill Building

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Completed

7. Biomedical Research Building

Project cost: £24m
Completion date: 2018

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11. Brunswick St Public Realm

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Completion date: 2015

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Completed

Public Realm 1 Brunswick Street

Fallowfield

Proposed student residences development
Project cost: £175m

13. Samuel Alexander and Mansfield Cooper Buildings

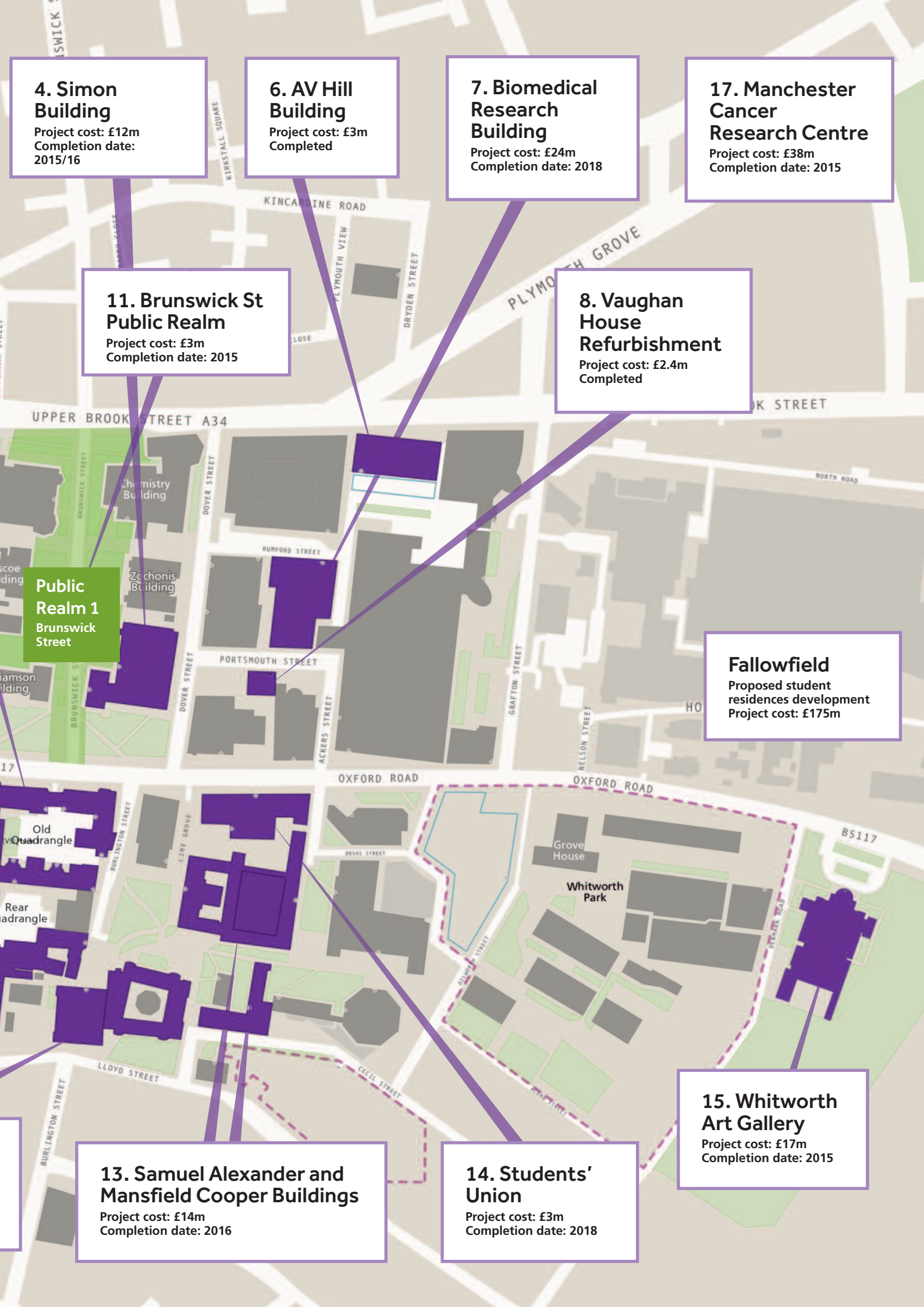
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14. Students' Union

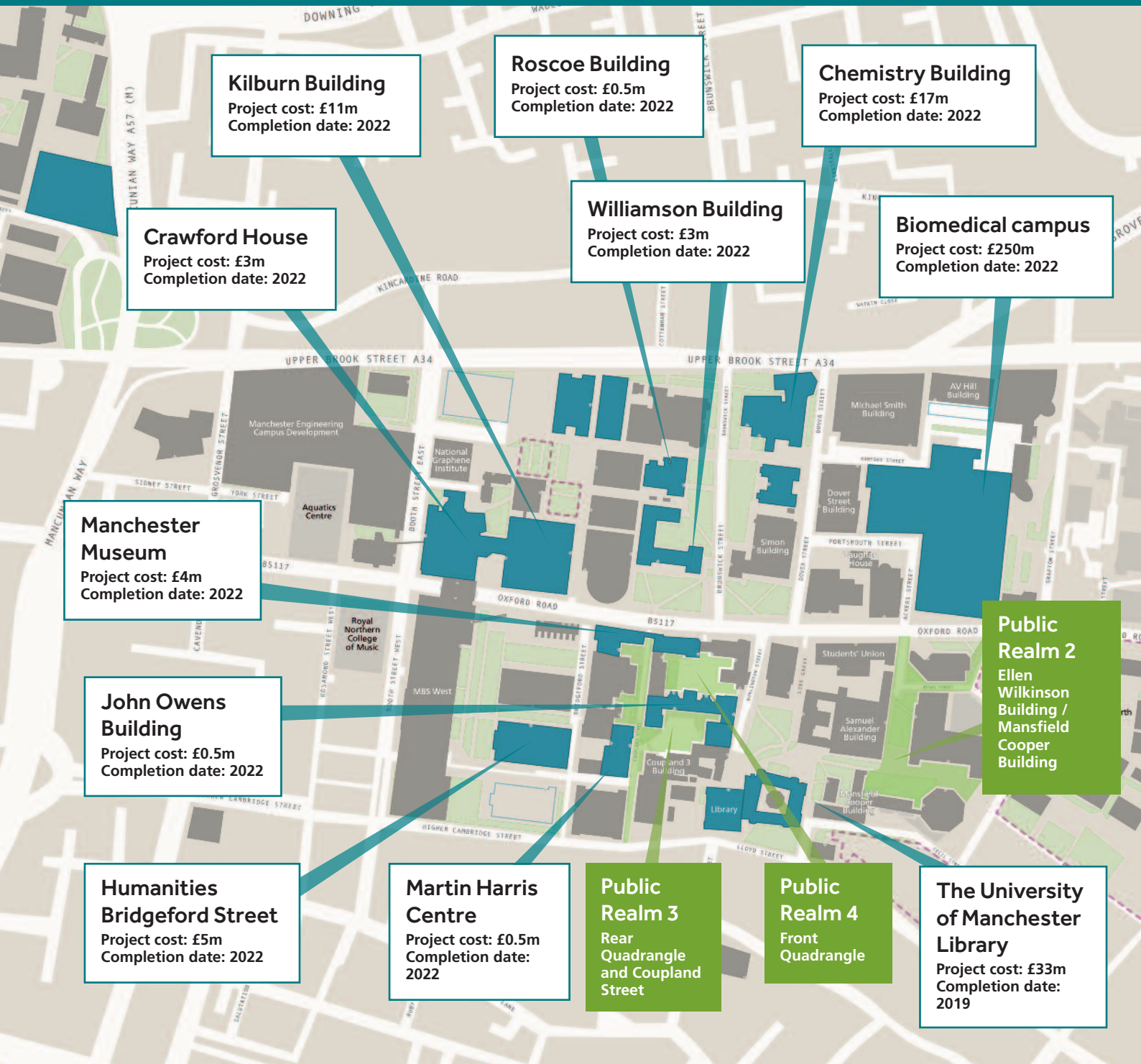
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Campus Masterplan Phase Two



Faculty of Medical and Human Sciences and Life Sciences

- Extensive remodelling of the Stopford Building to incorporate Manchester Medical School student administration alongside the Medical School and facilitating inter-professional teaching.
- New entrances from Ackers Street and Grafton Street for the School of Pharmacy and the Faculty of Life Sciences.
- Improved frontage of the Stopford Building onto Oxford Road and the creation of a new atrium to improve access in and around the building.
- Refurbishment of the Zochonis and Dover Street Buildings allowing the relocation of the School of Psychological Sciences into one geographical area. Dover Street will also house other functions currently within Stopford.

Faculty of Engineering and Physical Sciences

- Chemistry refurbishments
- Computer Science refurbishments and some new-build
- Rationalisation and refurbishment for the School of Earth, Atmospheric and Environmental Science
- Works for School of Mathematics
- Further work at Jodrell Bank
- Fit out top floor of the Alan Turing Building

Faculty of Humanities

- Music practice rooms
- Works for School of Environment and Development and School of Social Sciences

Non-Faculty

- Support Services facilities refurbishments
- Teaching room refurbishments
- Sports projects
- Further Library investment
- Museum refurbishments
- Health centre
- Chancellors refurbishments
- Roscoe refurbishment
- Public realm and landscaping

Gallery set to reopen

The much anticipated reopening of the Whitworth happens this month with the grand reveal taking place on Saturday 14 February 2015. The £15 million project will transform the 125-year-old Whitworth, into a 21st century gallery in the park.

The redevelopment, supported by a major Heritage Lottery Fund grant, the University and other funders, will double public space and create state-of-the-art new facilities including expanded gallery spaces, a study centre, learning studio, and a collections centre.

At the heart of architects MUMA's project is the creation of an elegant glass, stainless steel and brick extension, which will see two wings extend into Whitworth Park from the back of the existing 19th century building.

For the extension, MUMA have also developed a unique Whitworth blend of British brick and a brickwork pattern with a traditional textile slash work effect, inspired by the gallery's extensive textile collection.

Drawing on the Whitworth's heritage as the first English gallery in a park, the new wings create an art garden between them and will be connected by a glass promenade gallery overlooking the surrounding landscape. The landscape gallery wing will provide exhibition space for the display of landscape works and large scale sculptures. Across the promenade, a beautiful linear café extends into the trees in Whitworth Park.

A large window in the centre of the existing building will reveal a sight line into the main exhibition space, connecting the gallery to the surrounding park beyond.

An additional £1.8m from the Arts Council England will complete the refurbishment, including an improved entrance to the gallery on Oxford Road and Sculpture Terrace.

One of the aims of the project was to lower the reducing overall carbon consumption by 10% a significant achievement given that the building is increasing in area by a third and public areas increased by 100%. The gallery will achieve its target through innovative earth tubes and ground



source heat pumps that take advantage of the park location for temperature control and by rearranging the existing gallery space to take advantage of the environmental opportunities within the original fabric of the building.

For more information about the opening go to: www.whitworth.manchester.ac.uk



Sustainability commitment

The University's commitment to embed environmental sustainability across all of its activities, extends to the Campus Masterplan where a series of commitments to manage and reduce detrimental environmental impacts, and optimise positive impacts have been set out.

This includes creating opportunities to promote behavioural change and embedding a culture of environmental sustainability across the University and within its processes: considering resource efficiency, waste management, facilitating and encouraging sustainable travel, developing low carbon strategies and solutions and increasing working with in-house academic expertise such as the Living Lab - see <http://universitylivinglab.org/>

Dr Emma Gardner, Head of Environmental Sustainability at the University, said: "All new build and refurbishment projects must meet specific targets to ensure environmental sustainability is considered from the outset through to completion and beyond. Alongside this, all projects in the Campus Masterplan have been assigned challenging carbon targets to

contribute to the University's overall carbon reduction target.

"To support this, in 2013 the University assembled a team of specialist Environmental Sustainability Advisors (ESA) to manage sustainability on projects from inception to operation."

These consultants set challenging targets for sustainability and compile a project-specific plan to help reduce environmental impacts, and realise benefits. ESAs manage the delivery of sustainability targets and monitor them throughout the design process through to occupation. They also help the project team to address sustainability issues and on completion provide a 'lessons learnt' paper and details on the sustainability of the project.

Currently the following projects have a designated ESA:-

- MECD, Coupland III, the Graphene Engineering Innovation Centre, Simon Building, Old Quad, Library.

For more information on how you can get involved in University-wide sustainability initiatives please see www.sustainability.manchester.ac.uk

MBS and precinct plans

Groundworks for the hotel and education centre complex alongside Manchester Business School (MBS) began in November.

In December planning consent was obtained for Phase 2 of the project which will see a major refurbishment of MBS which will create a 40,500 sq ft retail, food and leisure offer, complementing the 326-room hotel and enhanced Executive Education Centre.

The approved plans will create up to 15 units ranging in size from 1,000 sq ft to 8,000 sq ft, with double-height glazed frontages onto Oxford Road. The variety of units will create a mixed offer of retail, food and leisure for students, staff and visitors to the University and MBS, the significant working population on and around Oxford Road and local residents.