



PART 4

A MASTERPLAN FOR THE UNIVERSITY

4.1 The University of Sheffield Masterplan

Unlocking the public realm potential and creating a coherent and legible urban campus.

The University of Sheffield Masterplan represents a major opportunity to enhance the identity and success of the University and the wellbeing of the students, users and visitors. The overriding aim of the Masterplan proposals is to make people feel good about the place in which they live, work and relax.

One of the key issues to be resolved by the Masterplan is to reconcile a sense of place, the needs of people, and the requirements for vehicular movement and access. Fundamental to achieving the long term plans of the University is the need to reduce the dominance of the roads and infrastructure, particularly Western Bank and Upper Hanover Street, and to completely transform the quality of pedestrian movement between Leavygreave Road through to the Arts Tower. To overcome the dominance of the infrastructure, an integrated approach to transport and movement is required, reconnecting the streets and spaces, and revealing and refashioning the place as one coherent University plan and one unified place.

One of the key moves to unlocking the potential of the University is to redefine the extent and quality of the landscape and public realm within the University estate environs; bringing under-utilised spaces, areas of car parking and roads into the University's public realm and enriching these spaces and routes with programmes such as new University squares and courts, productive gardens, rain gardens and green infrastructure.

A legible and coherent public realm strategy will help to link together and reveal the physical, cultural and lifestyle aspects of the University. This strategy involves greening, water management, University gardens, wildlife habitats, pedestrian and cycle friendly streets less dominated by cars.

An enhanced and extended public realm and sequence of landscape spaces across the estate will create a richer canvas for University life and promote enhanced learning possibilities.

To determine the most appropriate option to develop University Square a development framework for the Science Faculty has been commissioned. This is expected to report late in 2014.

Proposed projects:

01 BARTOLOMÉ SQUARE

A green square within a historic context

02 GEOGRAPHY FORECOURT/PEDESTRIAN LINK

03 ARTS TOWER COURT

A landscaped court and destination space within the University Gold Route, whilst providing a fitting setting to the Arts Tower and Library.

04 WESTON PARK LINK

Improved access and connection to significant adjacent park

05 FIRTH COURT

Enhanced and upgraded University entrance

06 WESTERN BANK

Urban Design and Infrastructure project to reinforce the North/South campus link

07 THE CONCOURSE

Enhanced connective space with new paving, lighting and active frontages

08 DURHAM ROAD PUBLIC REALM

09 STUDENTS' UNION GREEN

A green terrace and bicycle storage area

10 UPPER HANOVER STREET

Urban Design and Infrastructure project to reinforce the East/West campus link

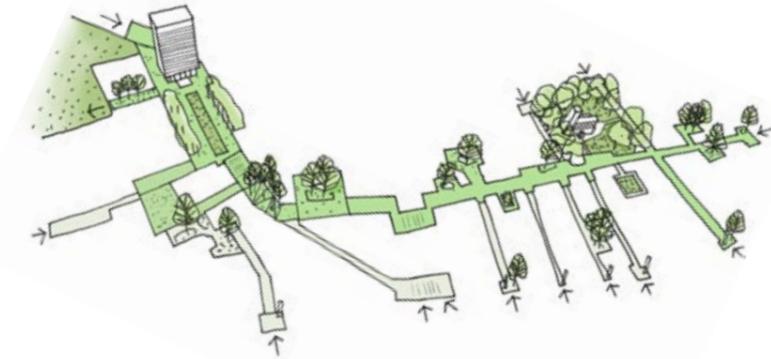
11 SECONDARY STREETS

Gateway into the University with gradation of shared space strategy links to Leavygreave Road

12 INFILL DEVELOPMENT SITE

Future development opportunity

13 GLOSSOP ROAD/CITY GOLD ROUTE



14 LEAVYGREAVE ROAD/THE UNIVERSITY GOLD ROUTE

Enhanced streetscape of Leavygreave Road: new buildings strengthen the edge by introducing activated frontages and creating focused public spaces along its route

15 NORTH CAMPUS

An integrated North Campus by upgrade of routes by connecting residential accommodation through to Broad Lane

16 ST GEORGE'S

Enhanced St George's churchyard, the largest University owned green space: improved protection from wind and road noise, and better connectivity to Leavygreave Road

17 THE DIAMOND PUBLIC REALM

Paving forms part of the Leavygreave Shared Space

18 UNIVERSITY SQUARE, HOUNSFIELD

Creating a new public space central to the campus and on the Gold Route Extension.

19 UNION OF STUDENTS' UNION AMPHITHEATRE

Current Development

20 DURHAM ROAD CAR PARK

Current Development

A multi-storey car park: catalyst for reducing surface parking and promoting pedestrian movement on campus

21 THE DIAMOND

Current Development

22 NEW SOCIAL SCIENCES BUILDING

Relocate departments to a new building adjacent to the Management School facilitating growth and releasing accommodation for the Faculty of Engineering

23 REDEVELOPMENT OF SPORT SHEFFIELD

Replacement of sports facilities at Sport Sheffield and expansion; additional artificial grass pitches at Norton

24 EXPANSION OF AMRC

Development of AMRC2 at Sheffield Business Park, initially with Factory 2050

4.1 The University of Sheffield Masterplan



4.2 Phased Projects

A strategy for the phased delivery of projects will enable the Masterplan to be understood within the context of current and proposed developments.

The proposed phasing strategy carves out the key public realm projects of the Arts Tower Court, the Concourse, Leavygreave Road, St George's Green and The Diamond public realm within the first tier of 0 to 5 years. The development of University Square with the Hounsfeld/Favell Quarter is a key component. These early wins are thought to be achievable as they rest within the current ownership of the University. One exception to this is the proposed crossings across Western Bank, which will add considerably to the safety and experience of campus users and should be adopted as soon as possible.

An outline planning consent to redevelop the Hounsfeld / Favell Road area will be necessary. This will allow early adoption of the pedestrianised scheme for the area and the removal of car parking which creates significant issues for people movement in this area. The opportunity to develop an early version of a public square within the area will add considerably to improving the experience of the campus.

The development of Hounsfeld University Square in the Hounsfeld/Favell Quarter will be begun as soon as possible to address both the poor quality environment and provide the necessary outdoor meeting space, (possibly known as University Square), in a second strategic phase of 5 to 10 years. This development will link the Arts Tower Court via Western Bank and St George's via Upper Hanover Street in a much more coherent way significantly improving movement and the experience of pedestrians and cyclists across the campus.

It is proposed that North campus, Bartolomé Square and the secondary streets adjacent to Leavygreave Road are integrated within the third strategic phase of 10 years plus.

TEMPORARY IMPROVEMENT WORKS

HOUNSFIELD SITE
MAPPIN STREET

1-2 YEARS

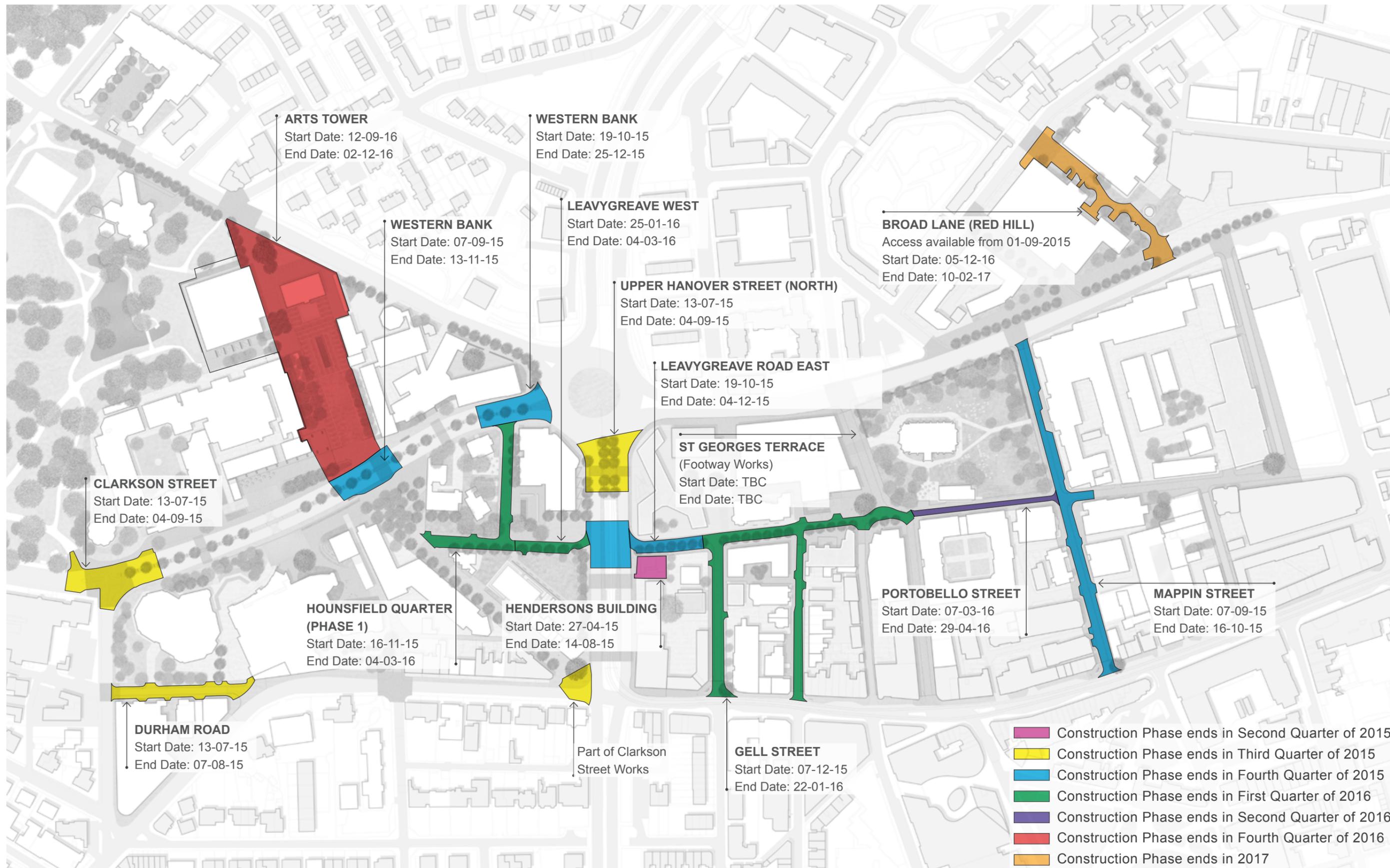
WESTERN BANK AND UPPER HANOVER STREET
HOUNSFIELD LINK
LEAVYGREAVE WEST
DURHAM ROAD CAR PARK
VICTORIA STREET
ARTS TOWER COURT

3-5 YEARS

FIRTH COURT
THE DIAMOND PUBLIC REALM
LEAVYGREAVE/REGENT STREET AND ST GEORGE'S TERRACE
ST GEORGE'S GREEN
FORMATION OF UNIVERSITY SQUARE (HOUNSFIELD SITE)
WESTERN BANK

5-10 YEARS

BARTOLOMÉ SQUARE
DURHAM ROAD PUBLIC REALM
GELL STREET AND REGENT TERRACE
MAPPIN/ORANGE STREET INFILL DEVELOPMENT
LEAVYGREAVE EAST AND ROCKINGHAM STREET
BROAD LANE AND NORTH CAMPUS



4.3 Development Options for Hounsfeld Site

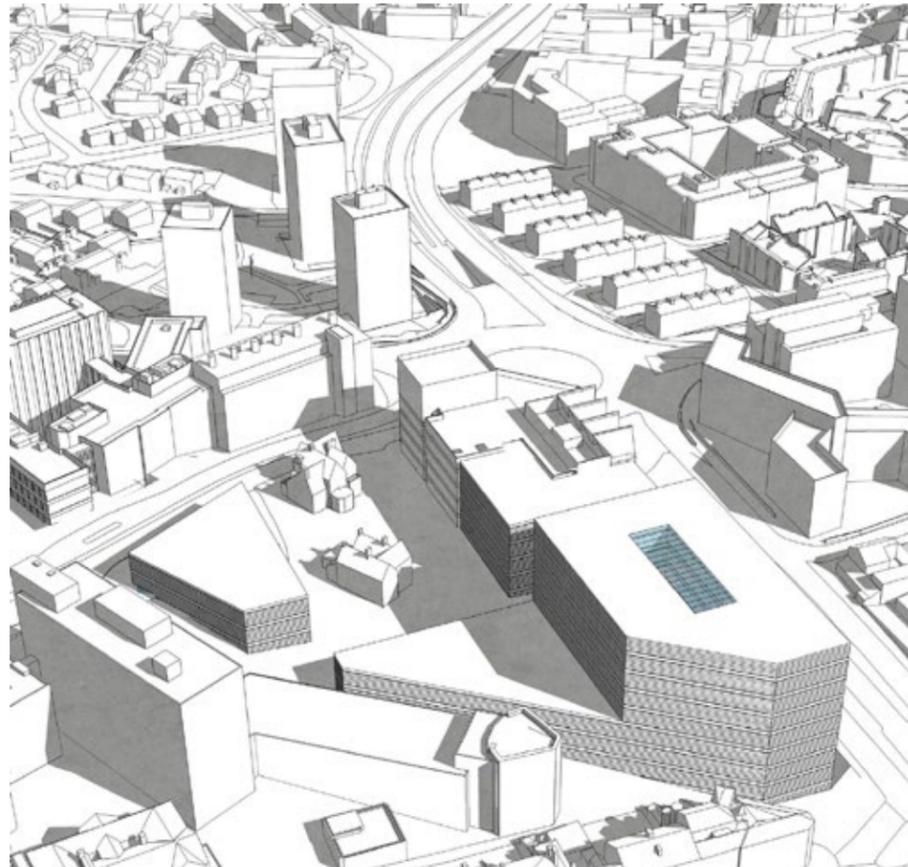
The diagrams describe a range of massing studies for the Hounsfeld Site. In each, the massing has been carefully calibrated to optimise sunshine to public spaces, and protection from wind and noise.

The key principles and potential deliverable areas are as follows:

OPTION 1

New buildings arranged around a garden space and the existing University Arms and Villa on Favell Street

Potential Deliverable Area 23,800 sqm

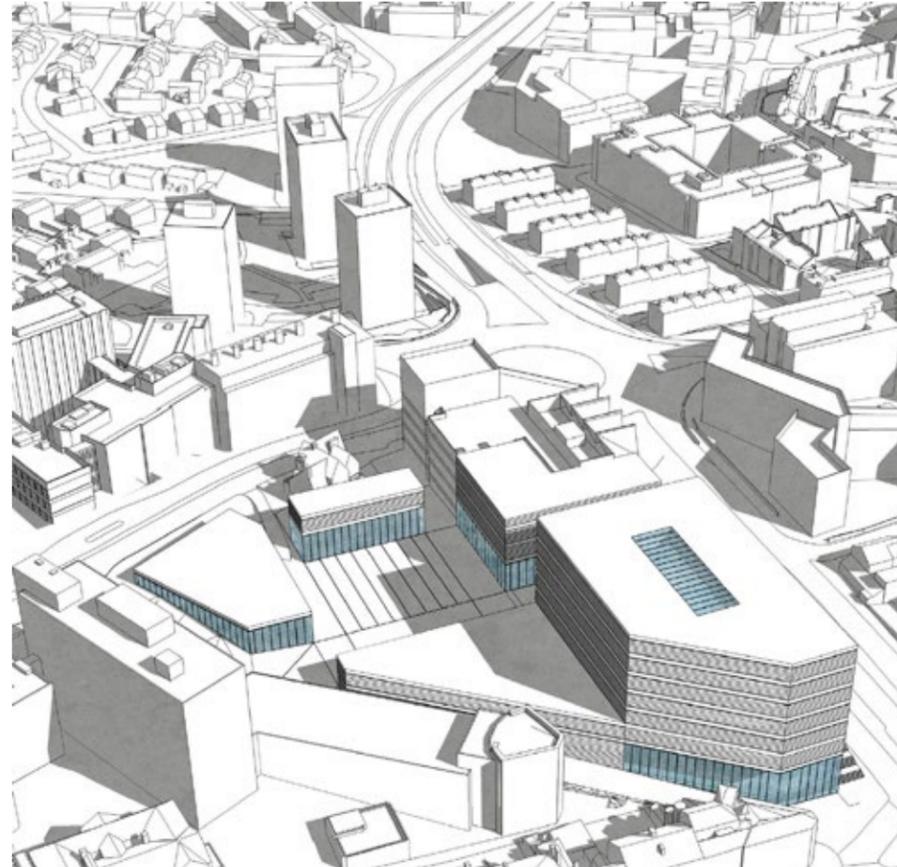


Sun and shade at 11am March

OPTION 2

New buildings arranged around a new square, with a low building to the north backing on to the existing University Arms

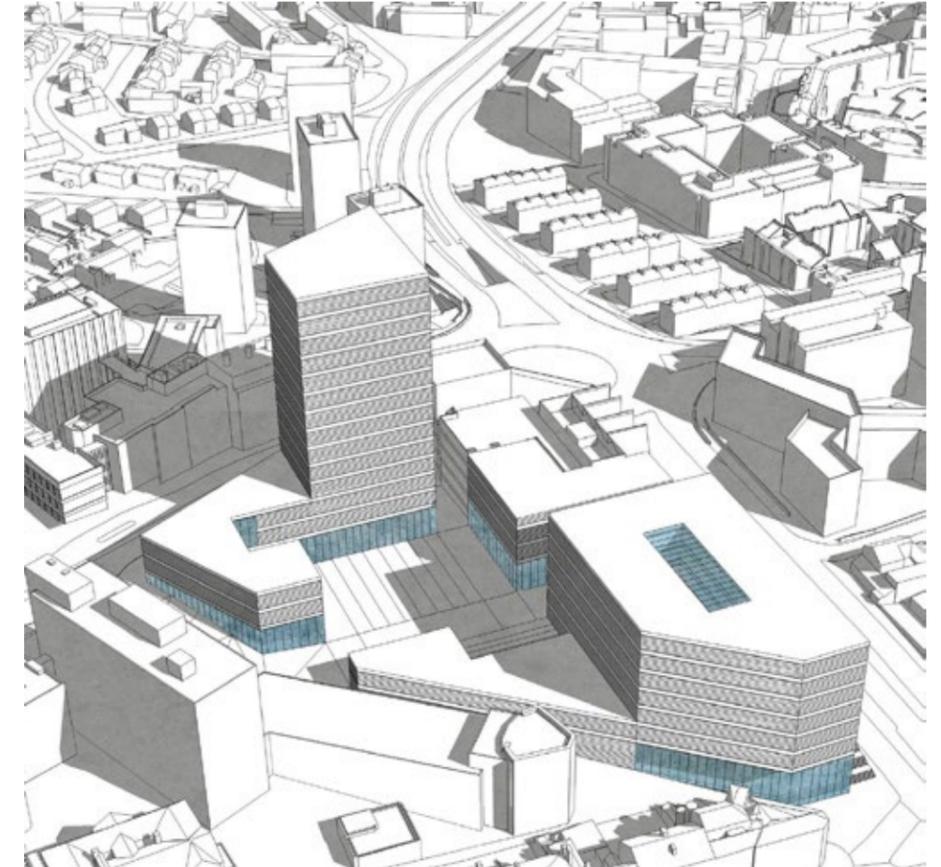
Potential Deliverable Area 26,020 sqm



OPTION 3

New buildings arranged to create a square public space to the north of the University Gold Route

Potential Deliverable Area 39,760 sqm



4.4 Masterplan Aerial View

AERIAL VIEW OF MASTERPLAN OPTION 3 LOOKING FROM THE SOUTH WEST



