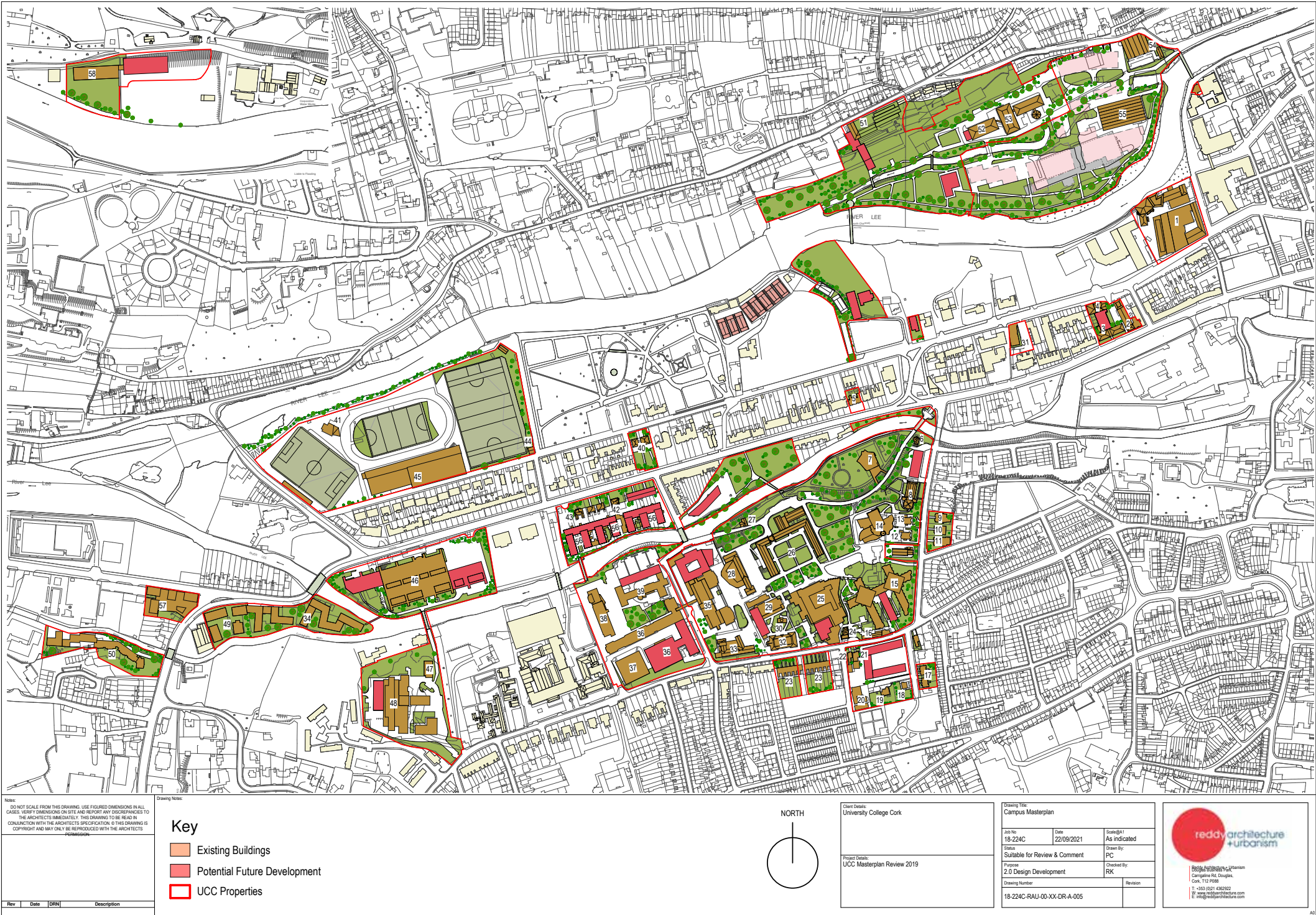


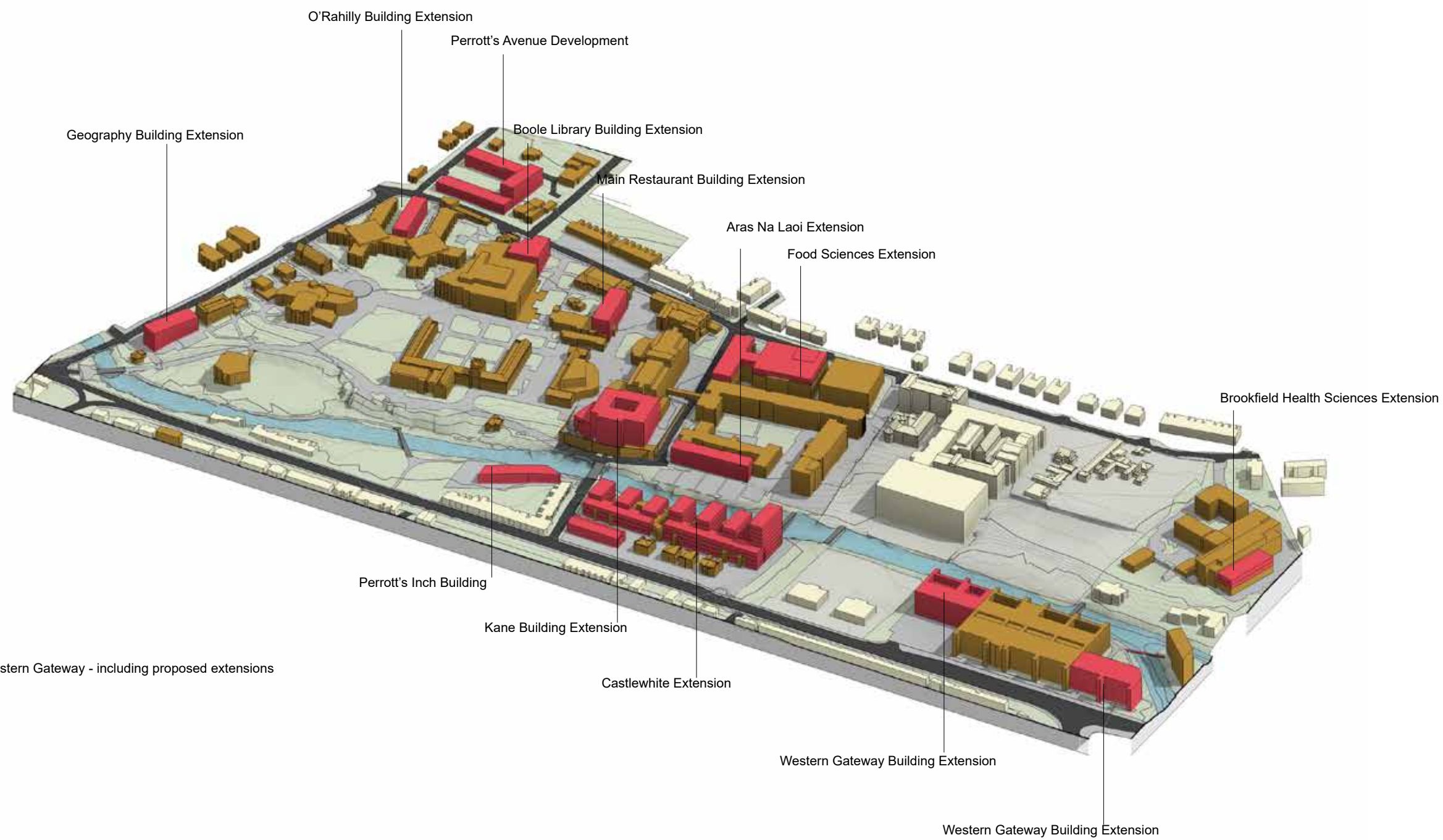


Main Campus - Opportunity Sites



Siteplan of the Main Campus - including proposed extensions

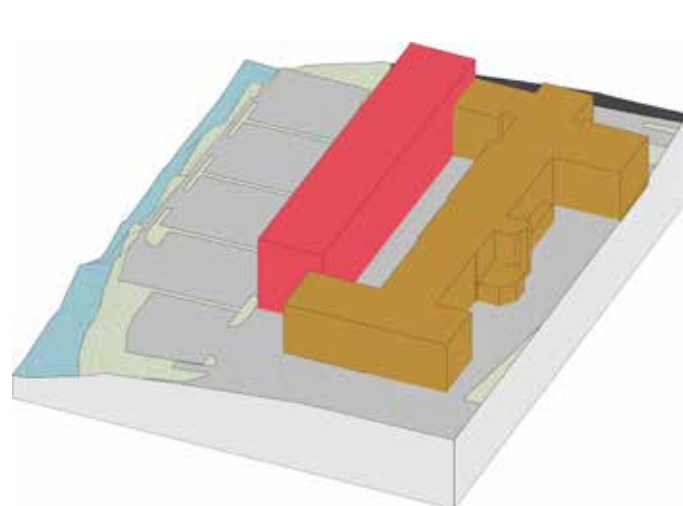
Main Campus - Opportunity Sites



Axonometric of the Historic Core and Brookfield and Western Gateway - including proposed extensions

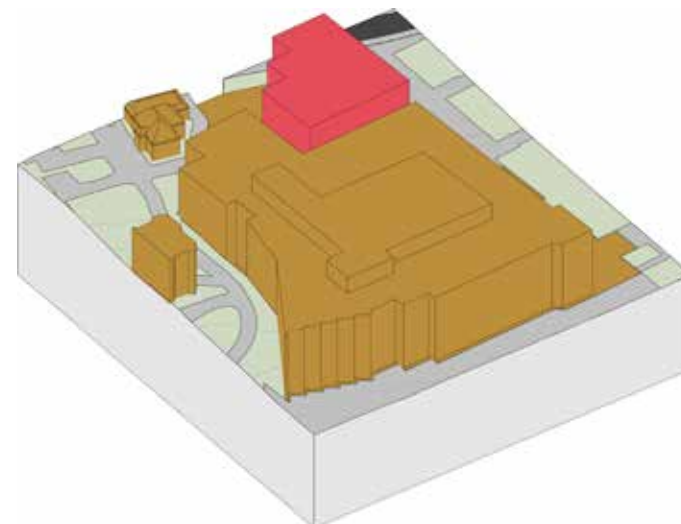
10. Development Strategies and Implementation

Main Campus - Opportunity Sites



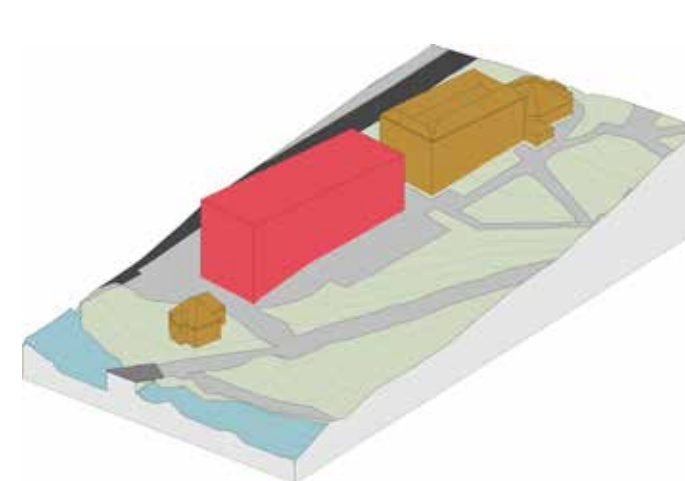
Áras Na Laoi Extension

Áras Na Laoi extension, is a tall rectangular volume that addresses two main spaces, the small sheltered courtyard to the existing Áras na Laoi Building and a newly created waterfront public corridor providing access and amenity space. The extension will create a visual relation with the Castlewhite apartments across the water.



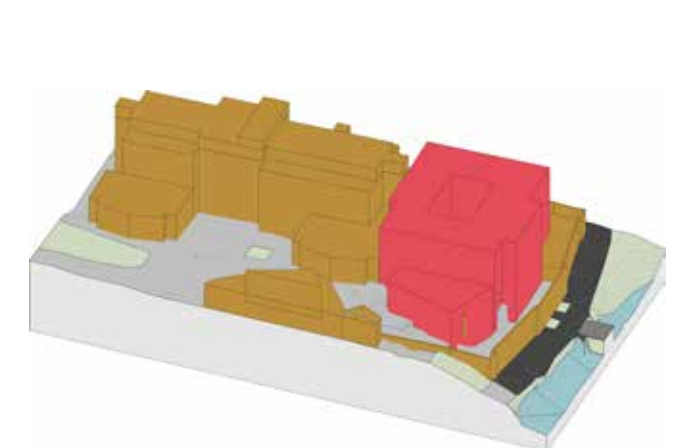
Boole Library Extension

With rapid changes in use of the library, due to technological advances and UCC's proactive efforts to equip the library to serve as a focal point, a volume is required that can plug into the back of the existing library and provide the trans-functional and flexible spaces that its users will need in the future.



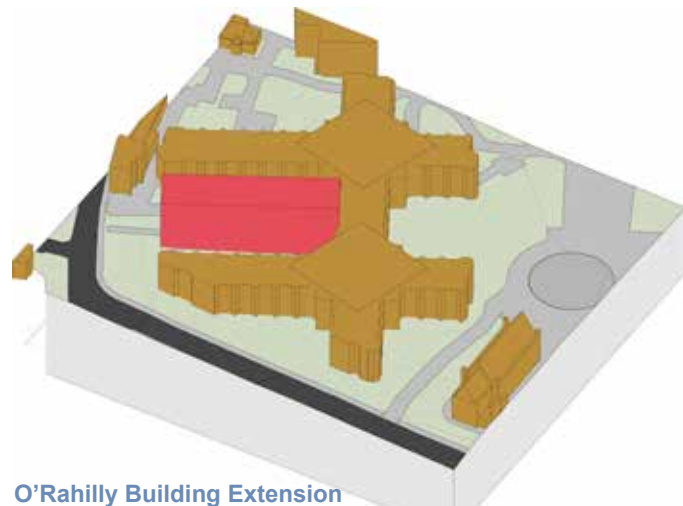
Geography Building Extension

A tall orthogonal block projects from the existing Geography Building, addressing the road on one side and the stepped green landscape on the other. This is a landmark building location and the block will assist in framing the iconic view from the UCC gates and create a vibrant front facing the Glucksman gallery.



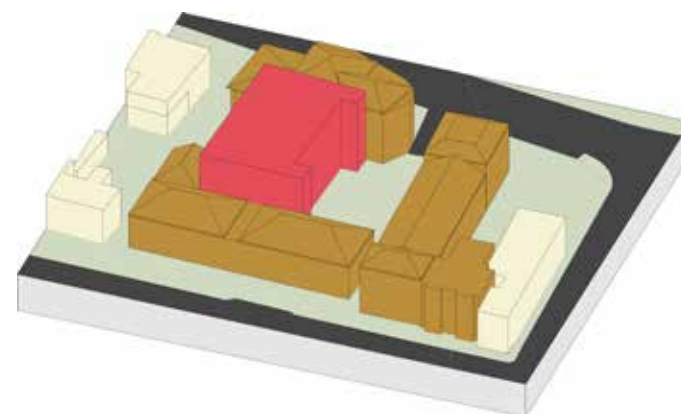
Kane Building Extension

The Kane Building extension is in a form of a sizable orthogonal block, broken up to assist passive ventilation and natural light. The volume will become a landmark building, visible from the Gaol Walk which the façade should address as it rises behind the Gaol walls.



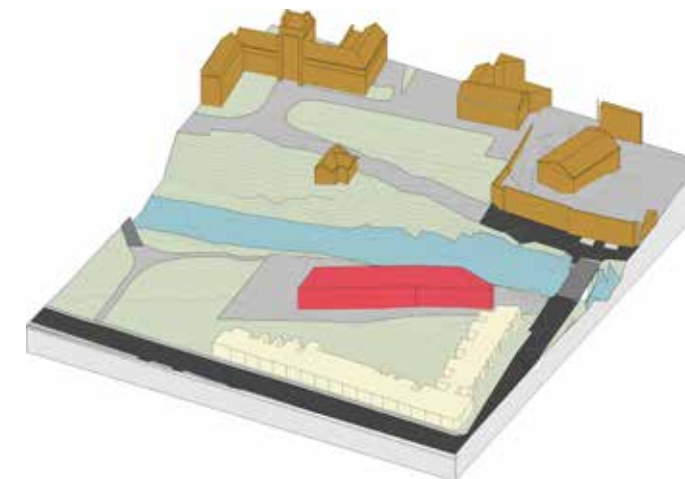
O'Rahilly Building Extension

The O'Rahilly Building extension is a carefully articulated infill in the courtyard to the back of the existing building. It will work in conjunction with the landscape design to the front (the amphitheatre side) to make the existing building more permeable and provide additional space.



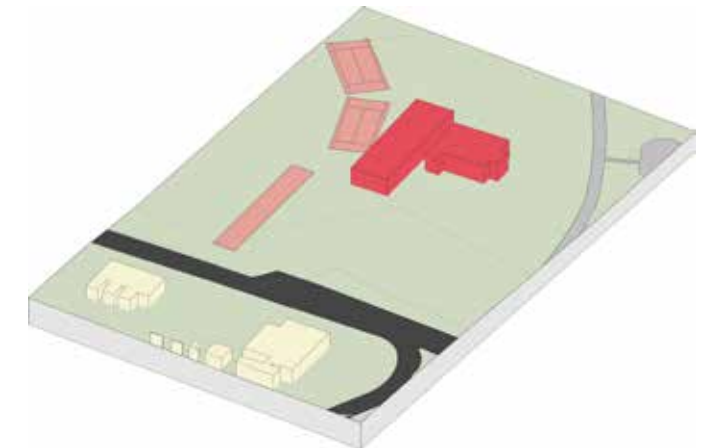
Connolly Building Extension

The Connolly building extension is an infill in the central void of the courtyard. It will assist with passive light and ventilation as well as providing sheltered social spaces. The recent Feasibility Study for the Granary Theatre is proposing to renew the building and its facilities, upgrading it to the current industry standard and making it inclusive and accessible to people with disabilities.



Cavanagh Bridge Building

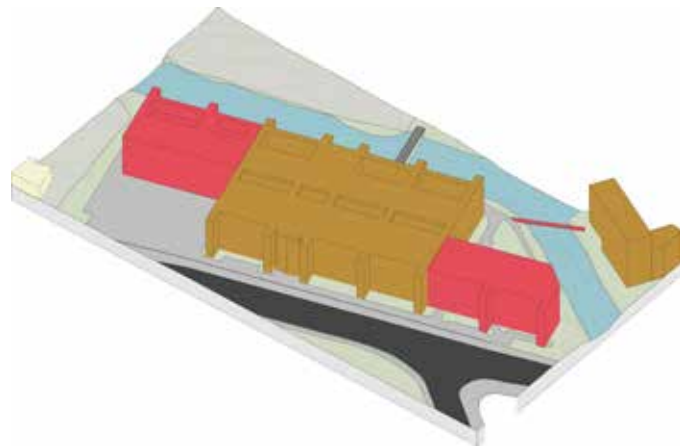
With the development of the Cavanagh Bridge link, there is an opportunity to place a building on the northern bank of the South Channel of River Lee.



Mardyke Garden Building 1

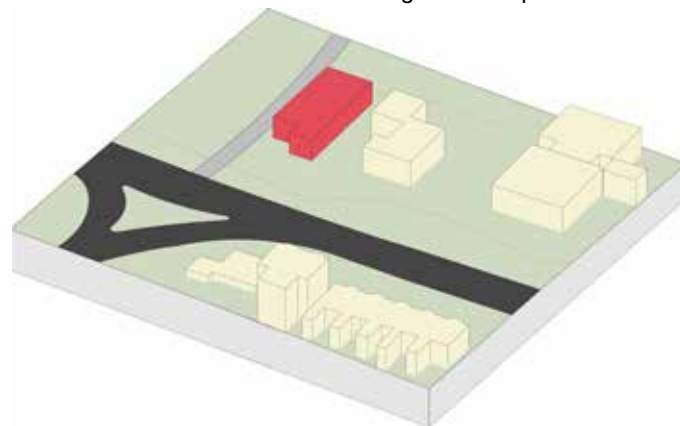
As the Mardyke Garden continues to develop as a link between the Main Campus and the North Mall Campus it is proposed to incorporate a few smaller buildings within the park to ensure continued use and activity and provide passive surveillance.

Main Campus - Opportunity Sites



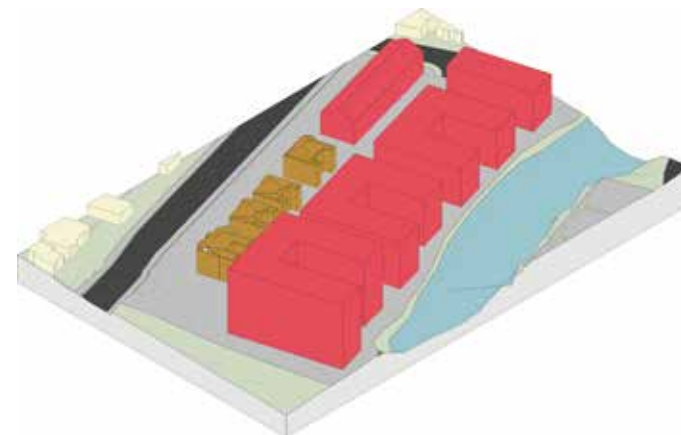
12.3.9 Western Gateway Building Extensions

The East and West extensions follow the existing building structure and adds 2 bays to either side of it. The proposal would aim to keep the current architectural language of the existing buildings but form a more formal and sheltered entrance on the east side, including a space for the future bridge to the Victoria Mills accommodation for a more integrated campus.



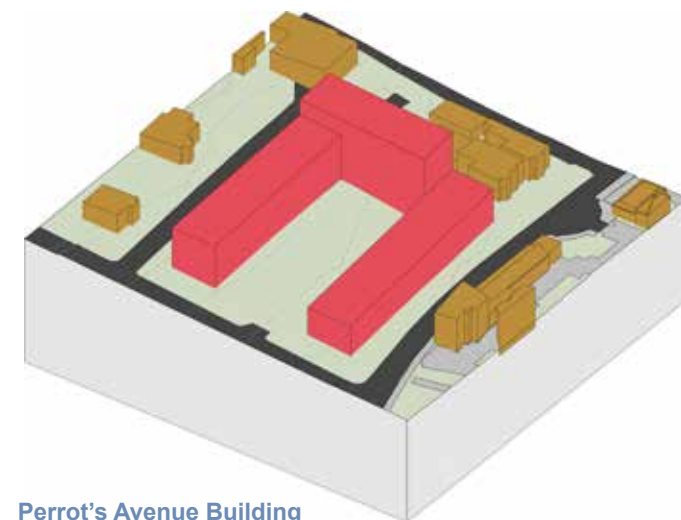
Mardyke Garden Building 2

It is also proposed to consider the south eastern corner of the Mardyke Garden as a space for development, providing space for a building addressing Dyke Parade and the Mardyke Gardens entrance.



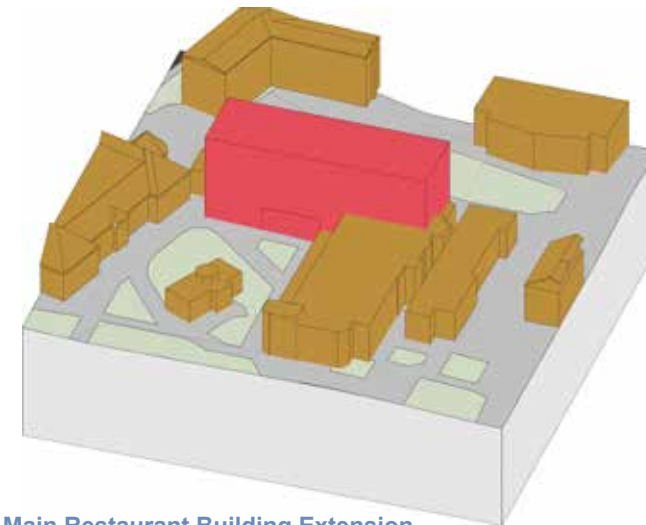
12.3.10 Castlewhite Buildings

Currently serving as low-density student accommodation, a mixed-use, high-density student accommodation/academic building is proposed. Making best use of the prime location and maximising the use of waterfront space will ensure vibrancy and activity day and night. The use of solid and void blocks creates usable sheltered spaces providing attractive outdoor social spaces. The elongated volume on the north addresses the Western Road.



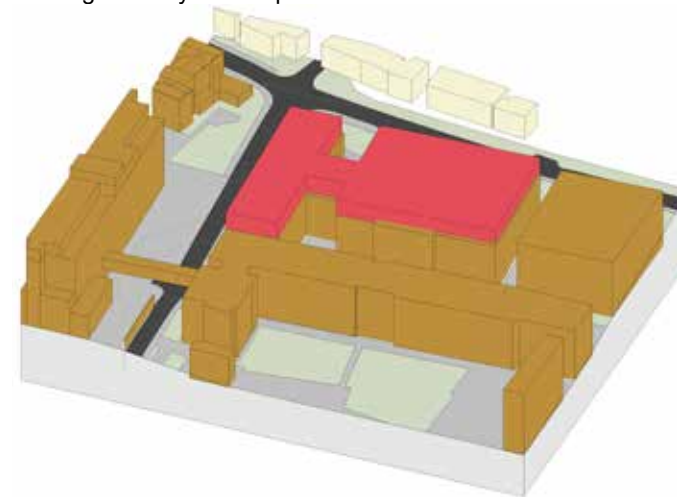
Perrot's Avenue Building

The proposed extension is in the form of 3 blocks that sit on a podium. Each block addresses the neighbouring buildings and together they create a courtyard area.



Main Restaurant Building Extension

The Main Restaurant and the Building & Estates Office is situated at the heart of the campus. An L-shaped Block framing the Observatory and addressing the Electrical Engineering Building will support and enhance this feature space. Additionally, the art deco façade at the entrance of the Main Restaurant should be preserved as it holds a lot of character and speaks to the building diversity on campus



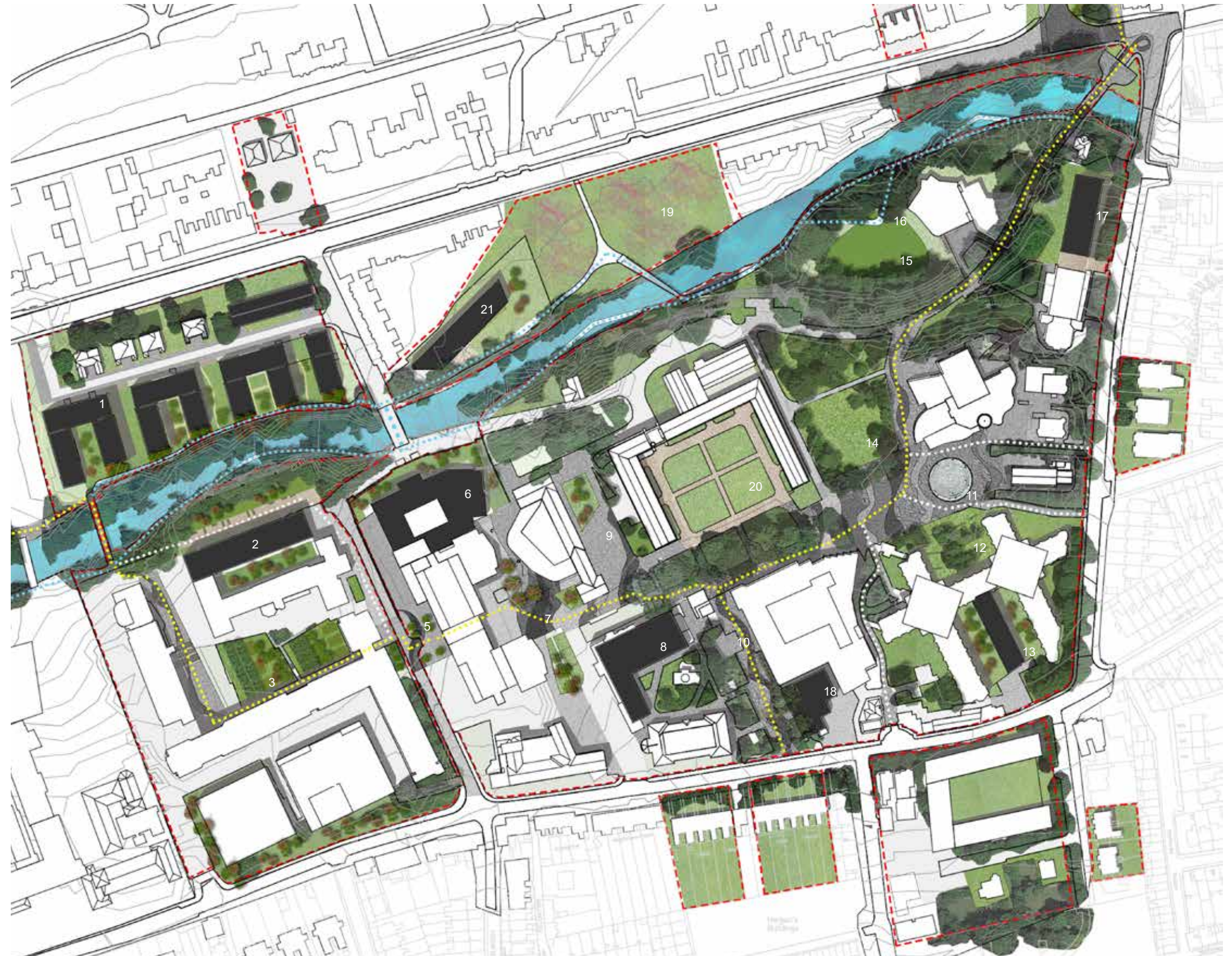
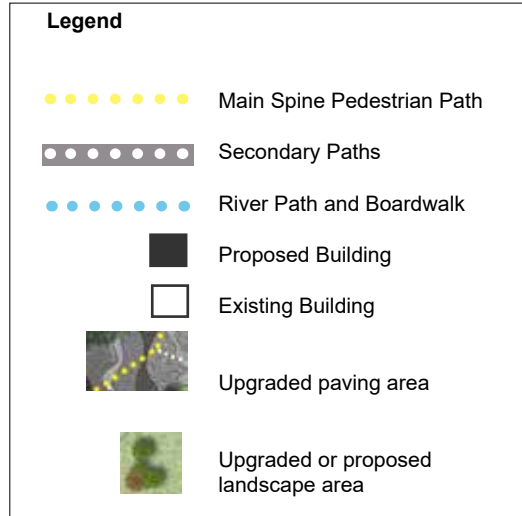
Food Science Building

Designed to facilitate an additional storey for expansion, the addition of a full floor of accommodation enables local expansion for the University.

10. Development Strategies and Implementation

Main Campus - The Historic Core

1. Proposed Castlewhite buildings - upgraded student residences
2. Áras Na Laoi extension with amenity space fronting the river
3. Courtyard adjacent the Food Science and Technology Building
4. Food Science Building extension
5. Gaol Walk Plaza
6. Proposed extension to the Kane Building
7. Hub Plaza
8. Proposed upgrade of Restaurant Building
9. Hub entrance area
10. Upgrade of public realm on the north and west side of the Boole Library
11. Honan Plaza - widened and with upgraded paving surface
12. Planted area to the front of O'Rahilly Building to be used as seating area
13. Extension to the O'Rahilly Building
14. President's Garden
15. Glucksman Gallery Lower Ground
16. Pedestrian structure on the Glucksman Gallery roposed extension to the Geography Building
17. Proposed extension to the Boole Library
18. Wildflower Meadow
19. The Quadrangle
20. Proposed building by the Cavanagh Bridge



Proposed Plan - The Historic Core



10. UCC Physical Context

Main Campus
How opportunity sites can enhance Character Areas

The UCC Main campus is one of the most pleasant higher-level campus environments. The elegant entrance from Western Road, pedestrian focused frameworks and varied lush landscape support excellent spaces and places and a variety of areas of true character.

It's worth considering the qualities of each of these in the context of campus expansion, as defining the usability and programme of them is helpful when developing or extending campus locations.

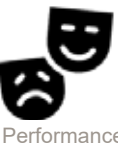
A review of existing character areas suggests how high-quality place making can be managed and potentially enhanced as a part of the holistic network of spaces for the entire campus.



Glucksman Gallery Lower Grounds

- Uses:
- Gathering
 - Performance Space
 - Outdoor cinema
 - Meeting
 - Sitting
 - Recreational Amenity Space

This low-lying flood plain has amenity opportunity, as usable space on a day to day basis as part of the green network of spaces on the campus,



Performance



Outdoor Cinema



Sports



Gathering



Honan Plaza seating



President's Garden

- Uses:
- Gathering
 - Meeting
 - Sitting
 - Recreational Amenity Space
 - Horticultural Amenity Space

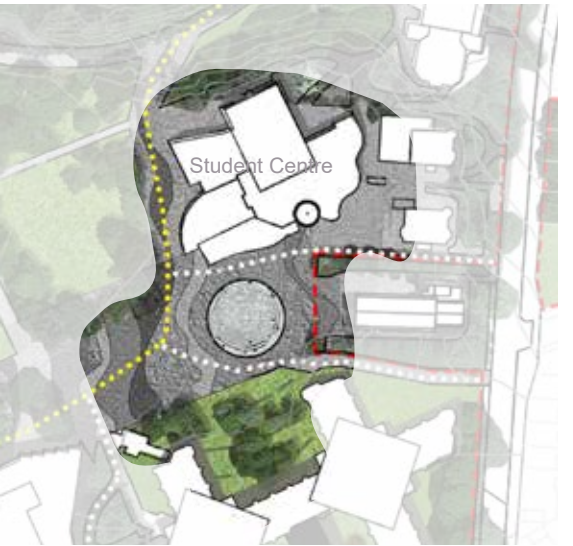
There are several significant feature trees on this lawn which is a popular gathering, meeting and socialising space. Following the suggestions of the Biodiversity Study, less formal planting is encouraged here in favour of pollinator planting. It is proposed to continue to protect and develop the President's Garden as a horticultural amenity.



Mature Horticultural Planting



Gathering



Honan Plaza

- Uses:
- Urban Plaza
 - Performance/Teaching Space
 - Movement network
 - Meeting/Gathering
 - Resting

The Honan Plaza amphitheatre is the central urban space and hard surfaced gathering point on the campus. It is a central focal point in the hierarchy of public spaces. Some latent potential exists for wayfinding devices, seating/street furniture and lighting to maintain its primacy in the UCC Main Campus pedestrian spine.



Urban Space

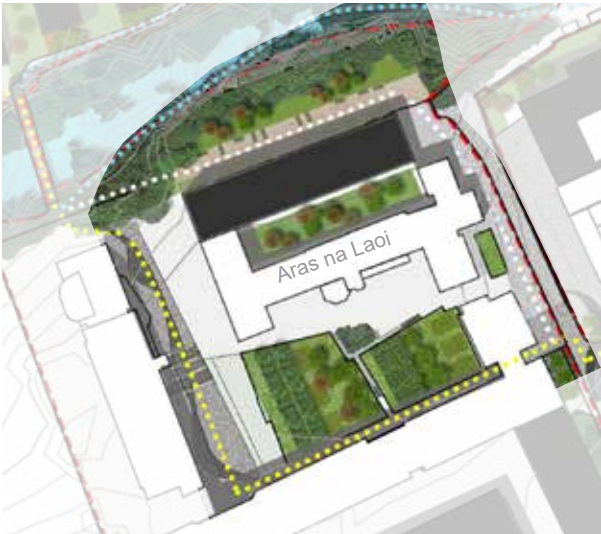


Gathering



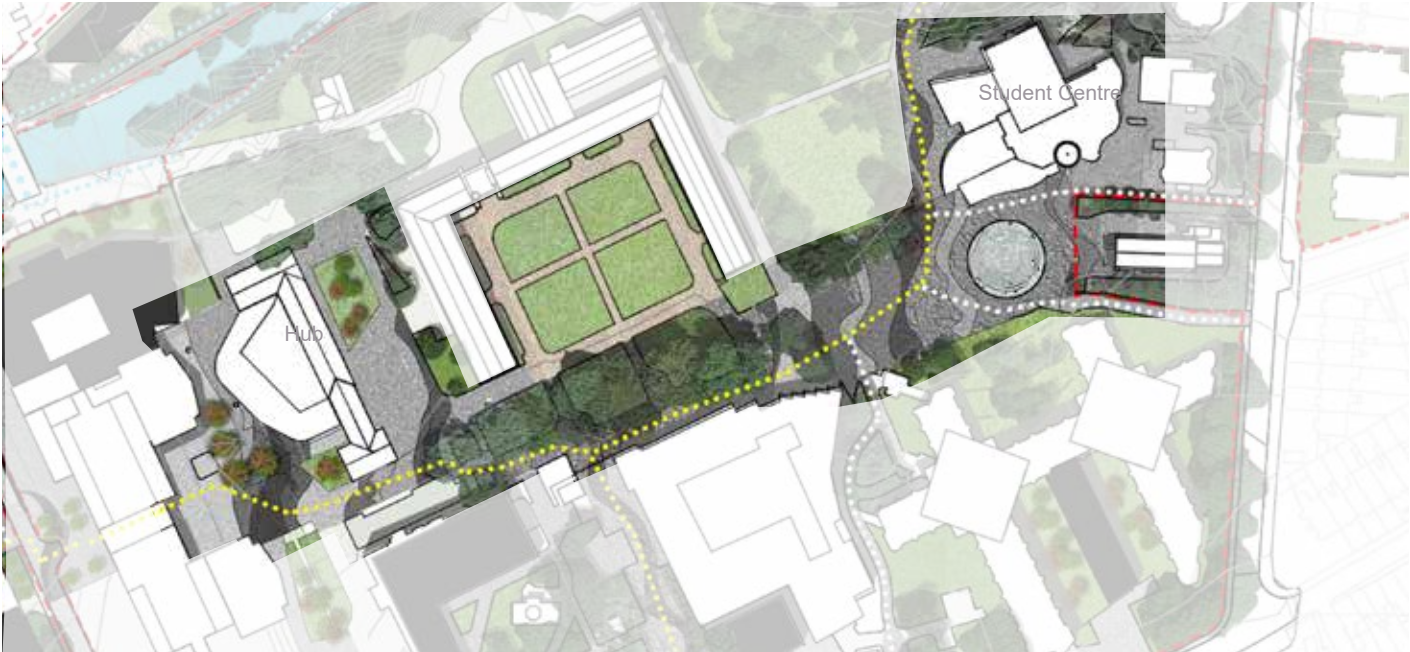
Movement Network

Main Campus
How opportunity sites can enhance Character Areas



- Áras Na Laoi extension**
- Active front facing the river to be developed as part of the pedestrian infrastructure
 - Sitting
 - Amenity Space
- Food Science and technology Building Courtyard**
- Food Growing / Kitchen - Community Garden
 - Movement
 - Sitting

The area in front of the Áras Na Laoi extension, facing the river can create an amenity space as an integral part of the pedestrian river network. A recreational seating area overlooking the river.



- Central Pedestrian Spine**
- Uses:
- Wayfinding
 - Movement
 - Connection and Entrance

The central spine area forms the central axis on the campus incorporating the avenue of mature trees in front of the Boole Library as a significant campus feature. The synergy, history and connection between these 3 spaces makes this one of the most important and exciting spaces on the campus.



The concept of a spine was proposed in the 2004 Masterplan Review as the principal thoroughfare or ‘main street’ for the campus. The concept had its genesis in earlier masterplans but the need for such a linking device was heightened by the physical extension of the campus and the consequential need to link the newly acquired lands to the Main Campus area. This need has been underlined by the development of the sites at the Western Gateway and at Brookfield.

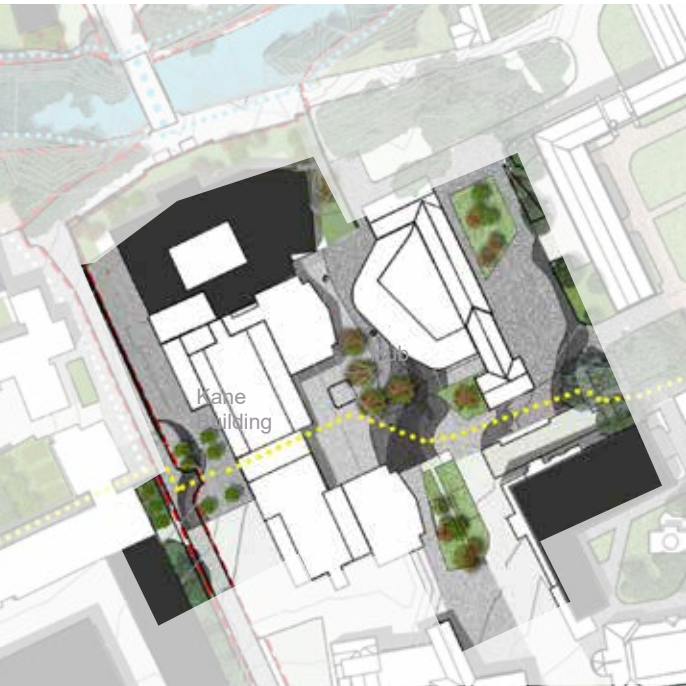
The ‘Spine idea’ is derived from the visual straight link from the Honan Chapel to the Kane Building passing the Main Quad. This concept is expanded by increasing wayfinding and legibility. Using similar materials to the Honan Plaza and New Hub building, the hard and soft landscape will further define movement through the campus.

The current “dumbbell” effect generated by the Western Gateway and Brookfield buildings to the West and the Historic Campus to the East, would be balanced somewhat by the westward extension of the campus spine as a major linking device on campus.



Honan Plaza and the Student Centre

Main Campus - Character Areas
How opportunity sites can enhance Character Areas



Hub and Kane Building Public Realm

- Uses:
- Moving
 - Meeting
 - Gathering
 - Sitting

The recently completed Hub will sit across the entrance to the Kane Buildings creating an exciting new urban plaza between them. It is proposed to extend the Kane Building to the north. This will support the development of an urban space within the Gaol Walk with the potential to incorporate the historical portico a part of a new development.



Castlewhite

- Uses:
- Residential Amenity Space
 - Meeting
 - Moving

It is proposed to rebuild the student residences on the Castlewhite Site. The U-shaped buildings will provide amenity space between the buildings, and overlooking of the river, closely connecting it to the pedestrian infrastructure. It will be a priority to complete a pedestrian movement and permeability access to the Western Star lands.



Gaol Walk

- Uses:
- Movement

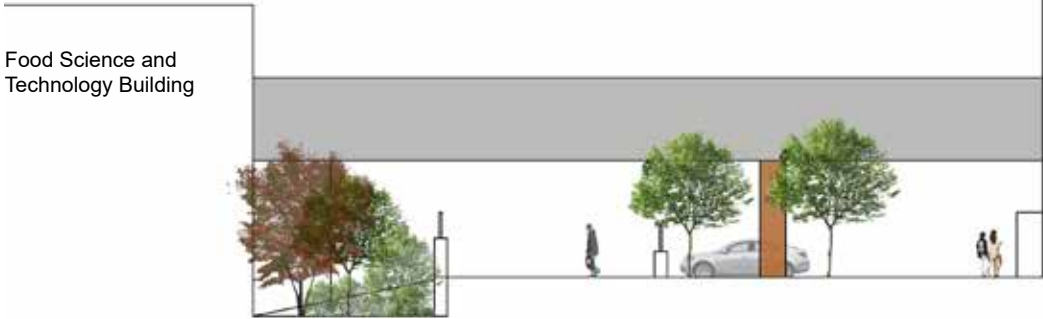
The Gaol Walk was originally the road leading to Cork County Gaol. It cuts through north/south across the entire southern campus from College Road to the Gaol Bridge and across the river to Western Road. As a narrow road framed by two tall buildings, it has potential for landscape and public realm improvements.

Framing one side of the Gaol Walk is the Food Science and Technology Building. With its landscaped courtyard it offers an optional addition on the east-west campus axis or visitors can choose to walk to the northern end of the Gaol Walk and continue their journey along the river.



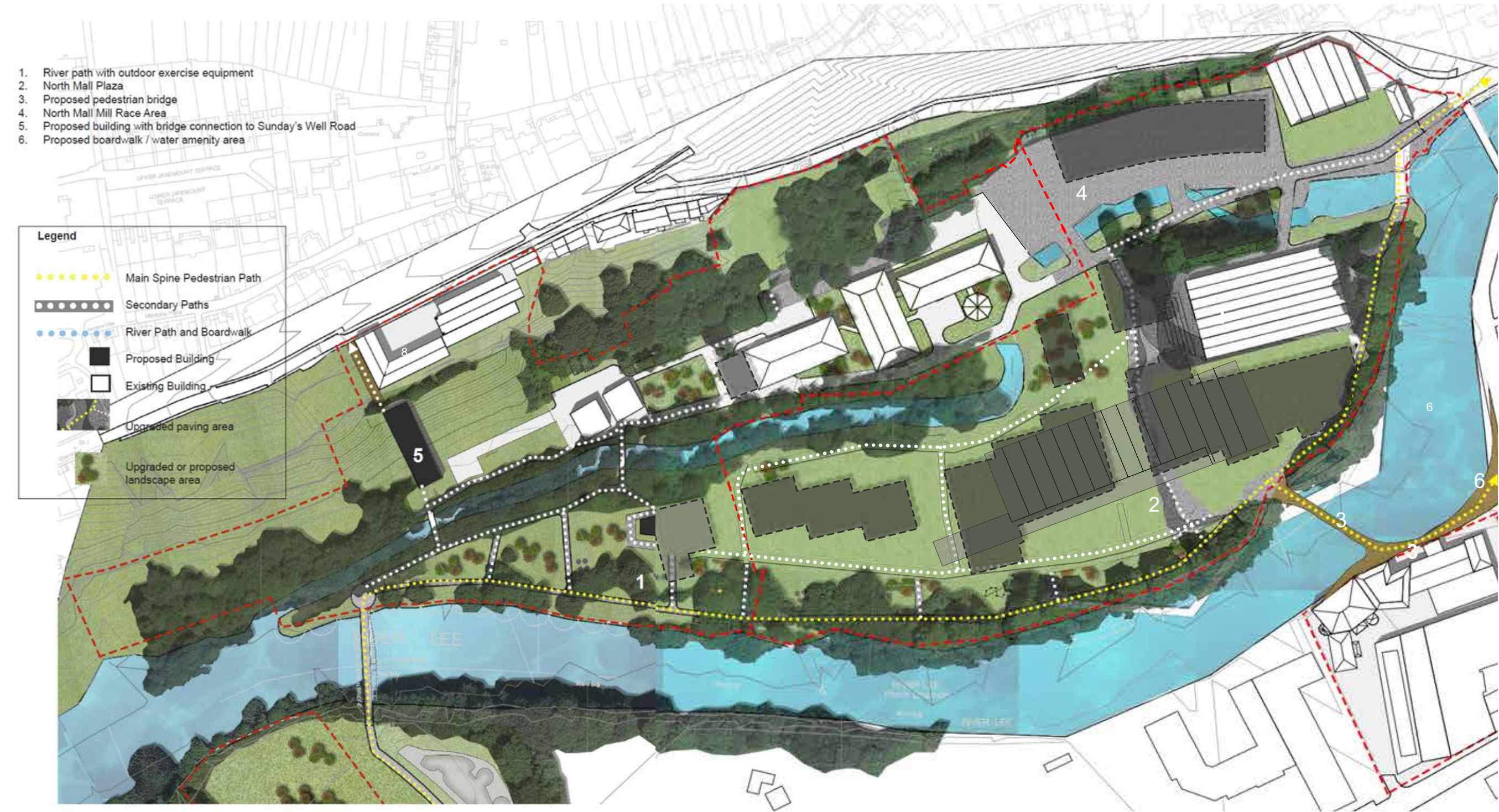
Movement Network

Kane Building



Section - showing planting greening of the Gaol Walk

Main Campus - North Mall
How opportunity sites can enhance Character Areas

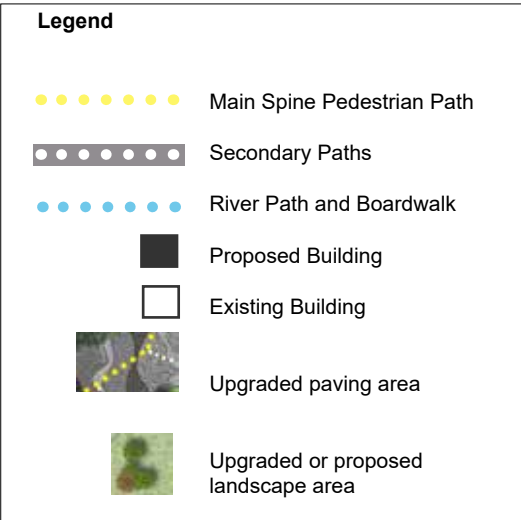


10. Development Strategies and Implementation

How opportunity sites can enhance Character Areas

Main Campus - Brookfield and Western Gateway

- 1. Proposed enhanced pedestrianised environment from College Road to the Western Road
- 2. River front park
- 3. River path
- 4. Western Gateway Plaza



Brookfield Health Science Complex

How opportunity sites can enhance Character Areas

Main Campus - Brookfield and Western Gateway

Brookfield / College Road Bridge Link

- Uses:
- Movement Network

Access from College Road across the Brookfield Health Sciences Complex, across the River Lee and to the Western Gateway Complex is an important link supporting the permeability of the campus. Ensuring that this link is wide enough for consistent large amounts of pedestrian traffic is imperative. It is proposed to widen the footpath along the Brookfield Health Sciences Complex.



Moving network



Western Gateway River Park

- Uses
- Moving Network
 - Seating areas
 - Closely connected to the river

A proposed new building of the western side of the Western Gateway Building will form a protected south-facing green area overlooking the river.



Moving network



Seating



Western Gateway Plaza

- Uses:
- Moving Network
 - Seating areas
 - Hard surfaces
 - Closely connected to the river

This river-facing area will provide an intimate plaza, that is equally a part of the pedestrian infrastructure as well as a front area facing Western Road.



Moving network



Seating



Hard Urban Space

How opportunity sites can enhance Character Areas

Main Campus - Mardyke Garden and Dyke Parade



Legend

- Main Spine pedestrian path
- Secondary paths
- River path and boardwalk
- Proposed Building
- Existing Building
- Upgraded paving area
- Upgraded or proposed landscape area

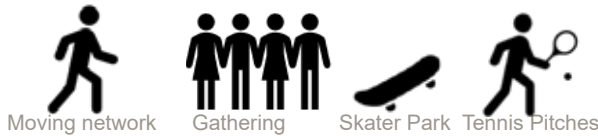
- 1. Dyke Parade
- 2. Proposed building on the corner of Mardyke Garden and Dyke Parade
- 3. Proposed building in the Mardyke Garden
- 4. Proposed tennis courts
- 5. Park and play area
- 6. Lands connecting to Tennis Courts

Mardyke Garden

Uses:

- Moving Network
- Amenity Area
- Skateboard Park
- Tennis Courts
- 5-a side pitch
- Exercise
- Seating

Mardyke Park is an important link between the Main Campus and North Mall Campus. A number of components will upgrade this area significantly, including incorporating buildings to the area to provide passive surveillance as well as provide a number of usable amenity spaces to ensure activity and vibrancy throughout the day.



Dyke Parade

Uses:

- Moving Network
- Seating Area
- Public Square

Dyke Parade is the link between the Main Campus and Mardyke Gardens. There is further potential to create a strong urban space with Cork City Council here which could prioritise pedestrians, but also allow cars to travel through.





