



UNIVERSITY OF
PORTSMOUTH

VICTORIA PARK BUILDING STAFF PRESENTATION

9 June 2021



PRESENTATION TEAM

Masterplan Overview

- Fiona Bell, Director of Estates & Campus Services and Project Director

Victoria Park Building

- Andy Theobald, Feilden Clegg Bradley Studios (FCBS)
- Dan Burt, FCBS
- David Harris, FCBS
- Marcus Rothnie, FCBS



ESTATE MASTERPLAN

Purpose

- provide an integrated framework for development
 - £400 million investment
 - Over 10-12 years
- open up buildings to the community
- improve the built environment and public realm in the city
- provide space for future growth
- fit for purpose teaching, learning and research space

Future buildings will

- promote student experience
- facilitate collaborative learning
- grow our research and innovation activities
- meet challenging sustainability targets

NEW SPORTS FACILITY



NORTHERN QUARTER

- New Victoria Park Building
- Richmond extension
- Series of follow on interdependent projects
 - Lion gate demolition
 - Buckingham demolition
 - New Technology Building
 - Burnaby demolition
 - Anglesea demolition



VICTORIA PARK BUILDING INDICATIVE TIMELINE

- Planning Submission end June 2021
- Planning Determination Sept/Oct Planning Committee
- If consent granted:
- Start on Site February 2022
- Target Completion 2024

NEW SPORTS FACILITY



SITE STRATEGY
SITING AND LANDSCAPE



1 | SITE STRATEGY

| SITE CONSTRAINTS



1 | SITE STRATEGY

| SITE MODEL

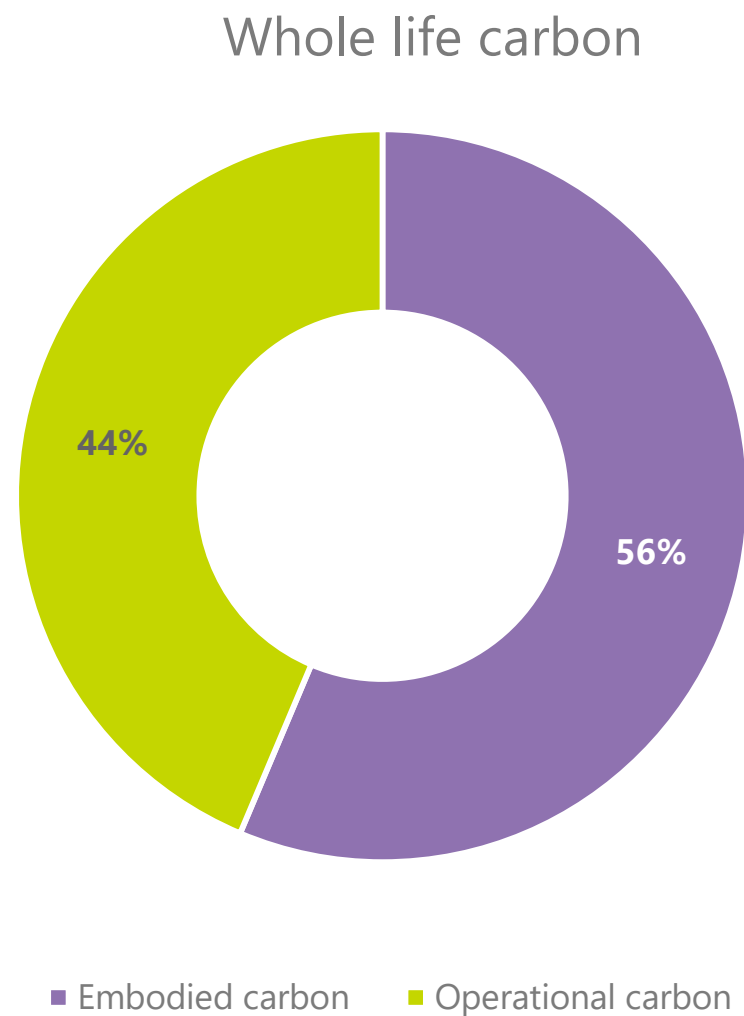


1 | SITE STRATEGY | SITE MODEL

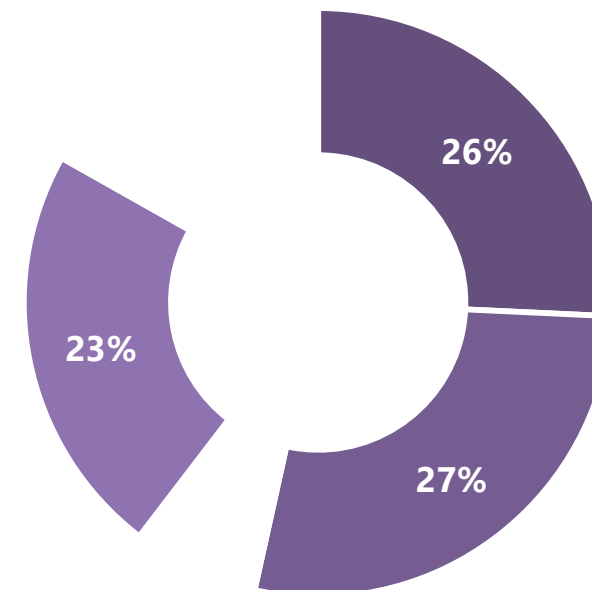


SITE STRATEGY
ENVIRONMENTAL PERFORMANCE

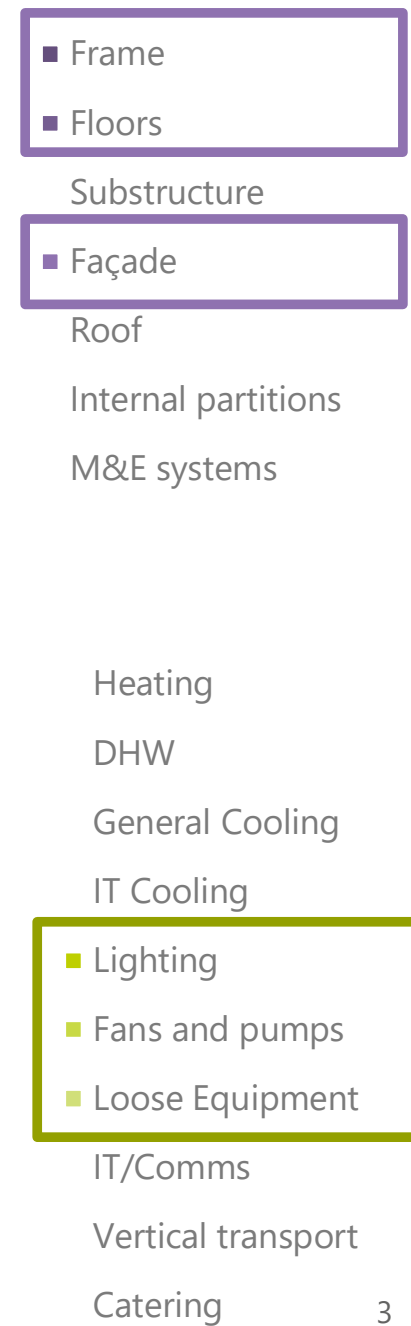
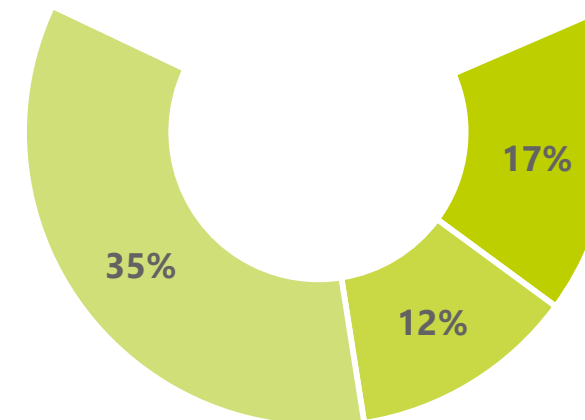
Project Team Focus Higher Education Context



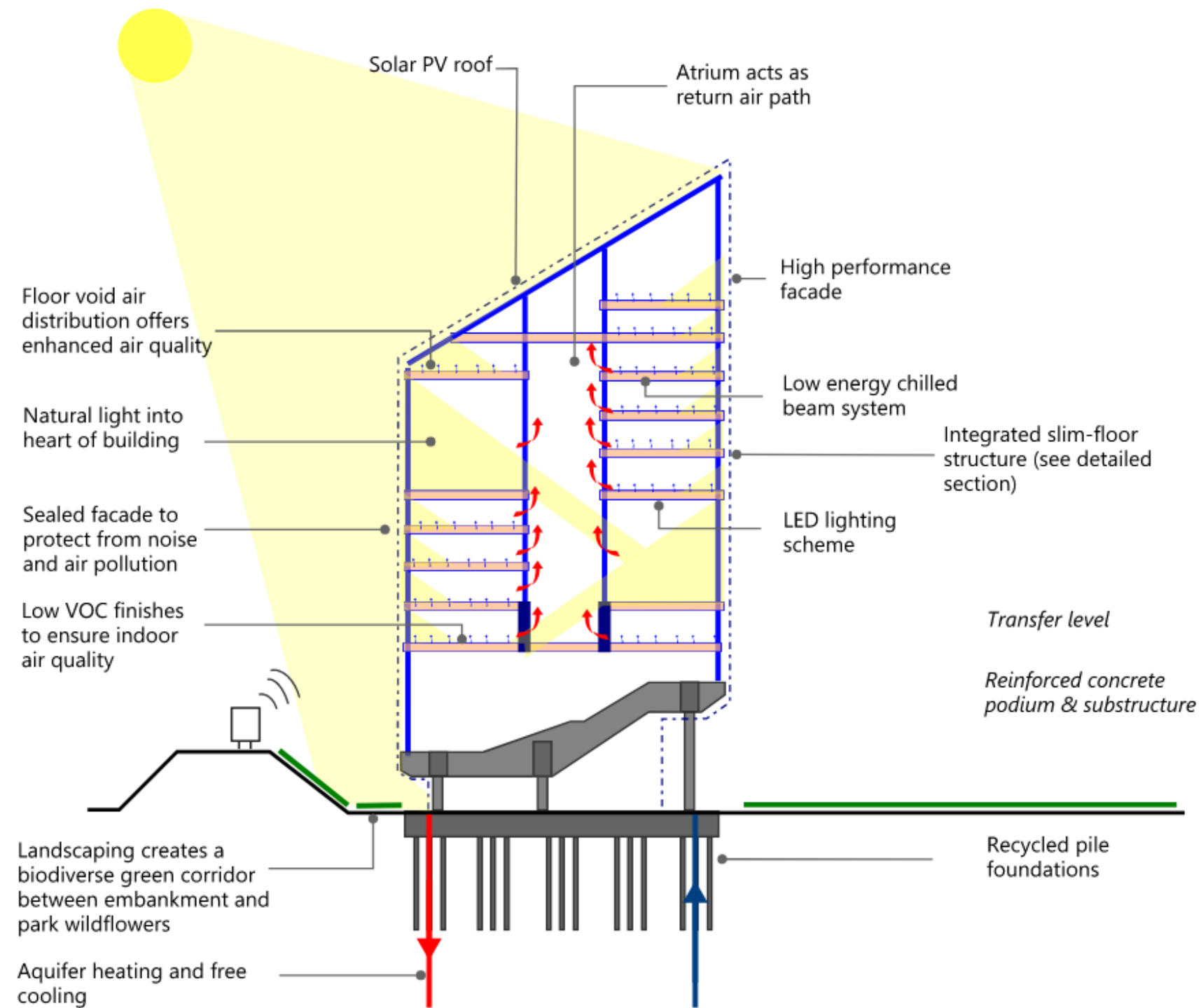
Embodied carbon



Operational carbon

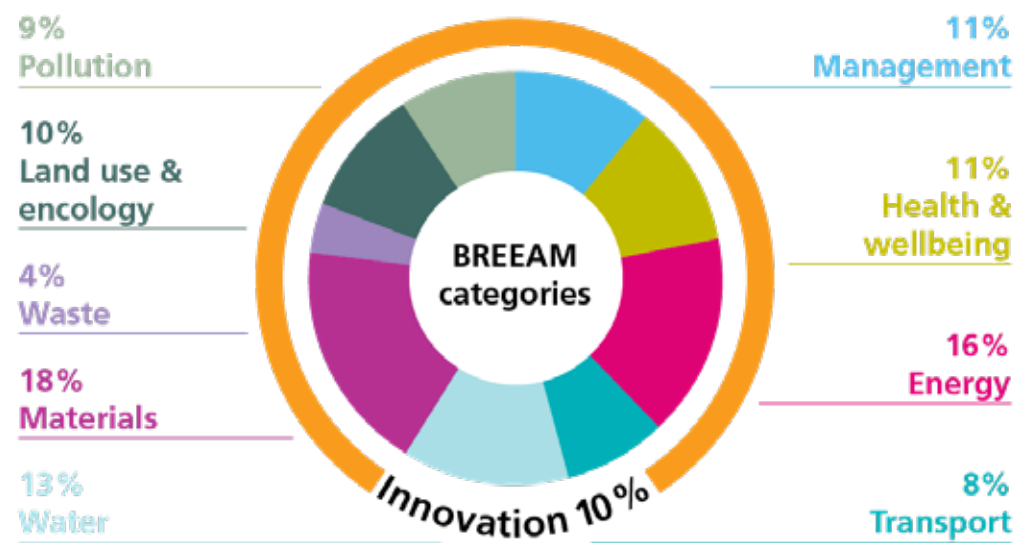


Key Concepts

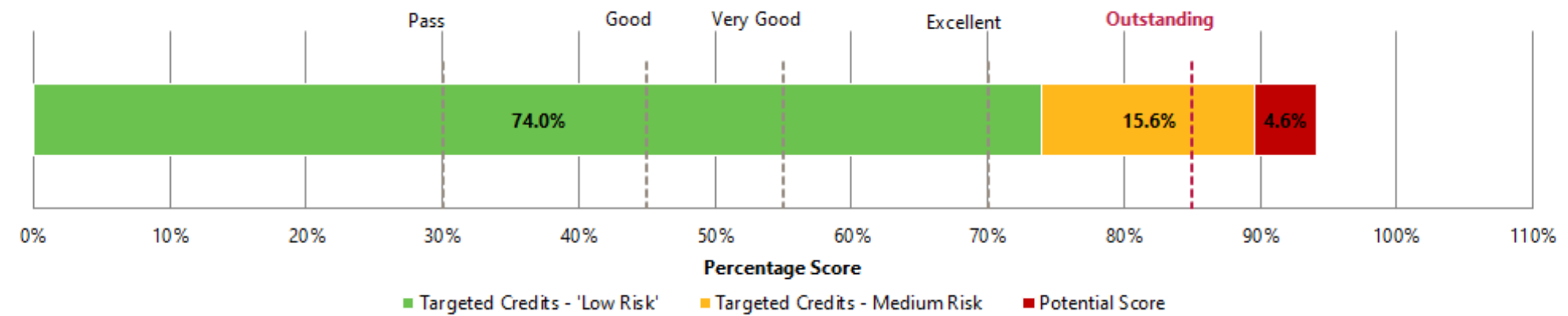
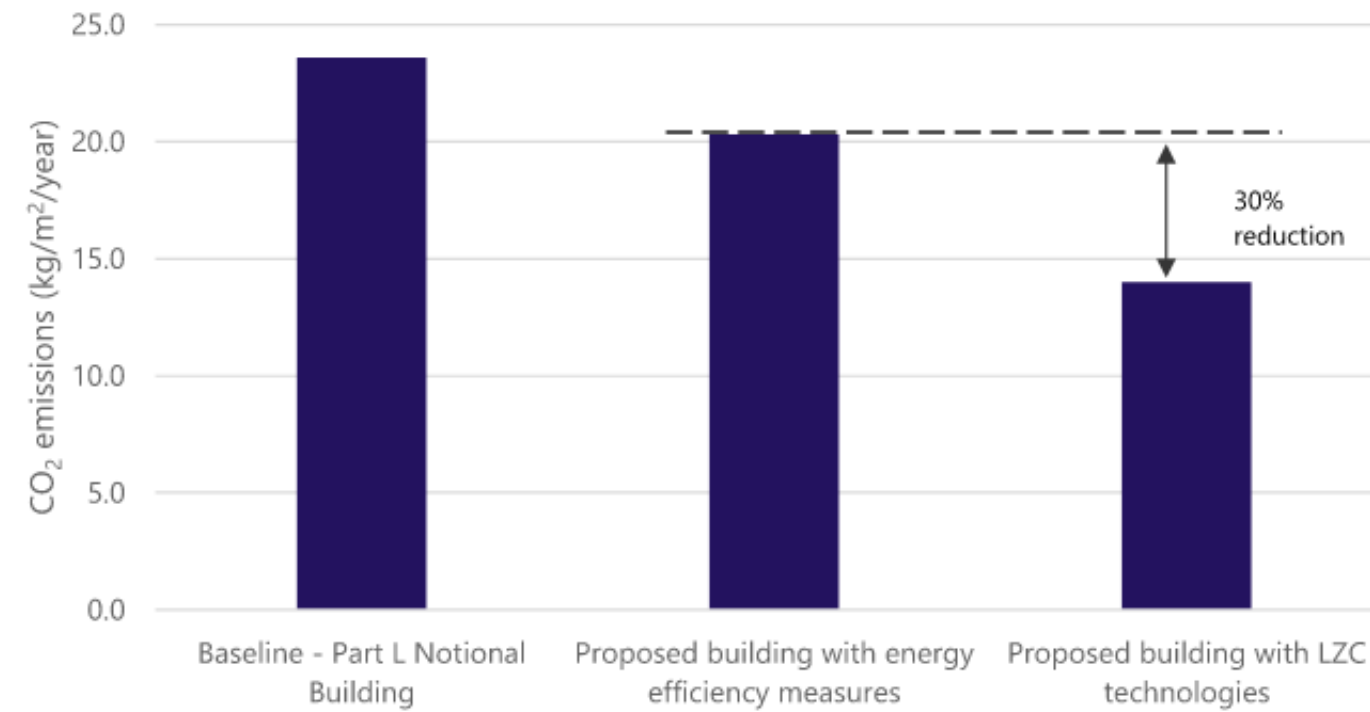


The Numbers

- ~40% reduction over Building Regulations requirements
- Electric only strategy
- 6 BREEAM Ene 1 credits = Outstanding

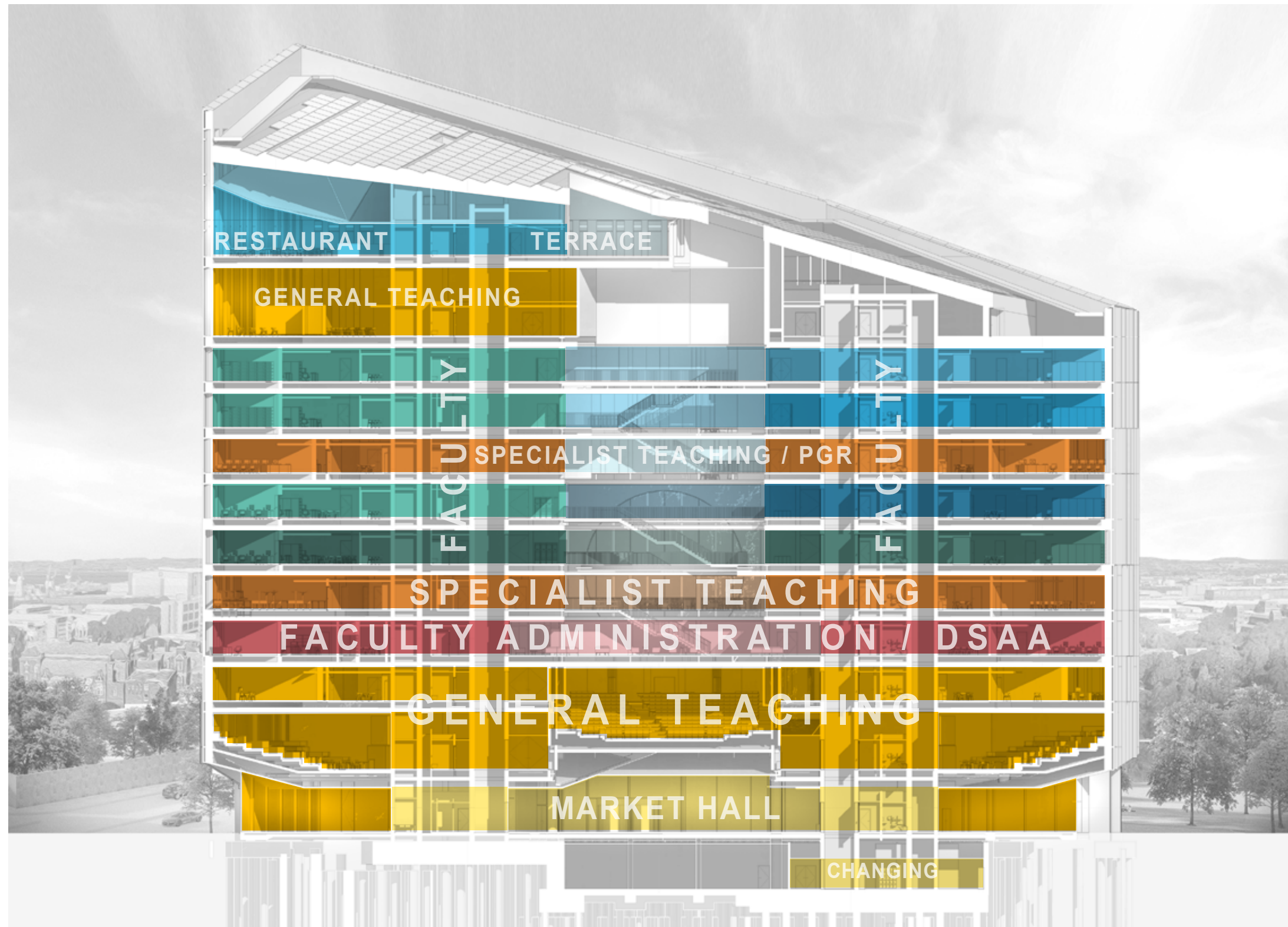


BURO HAPPOLD



SITE STRATEGY
GENERAL ARRANGEMENT

1 | SITE STRATEGY
| GENERAL ARRANGEMENT

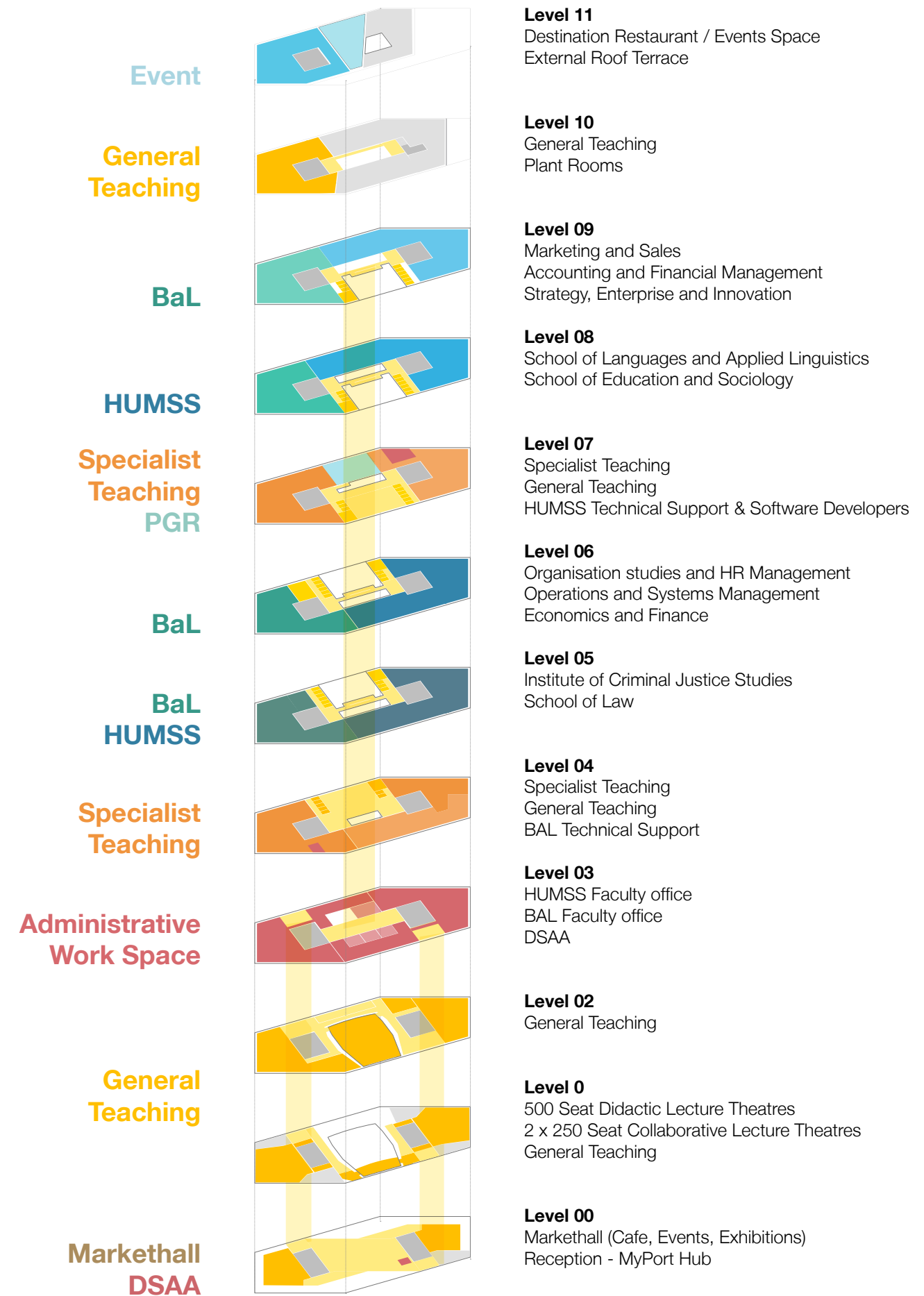


1 | SITE STRATEGY
| GENERAL ARRANGEMENT



1 | SITE STRATEGY
| GENERAL ARRANGEMENT





1 | SITE STRATEGY

| GENERAL ARRANGEMENT



SITE STRATEGY

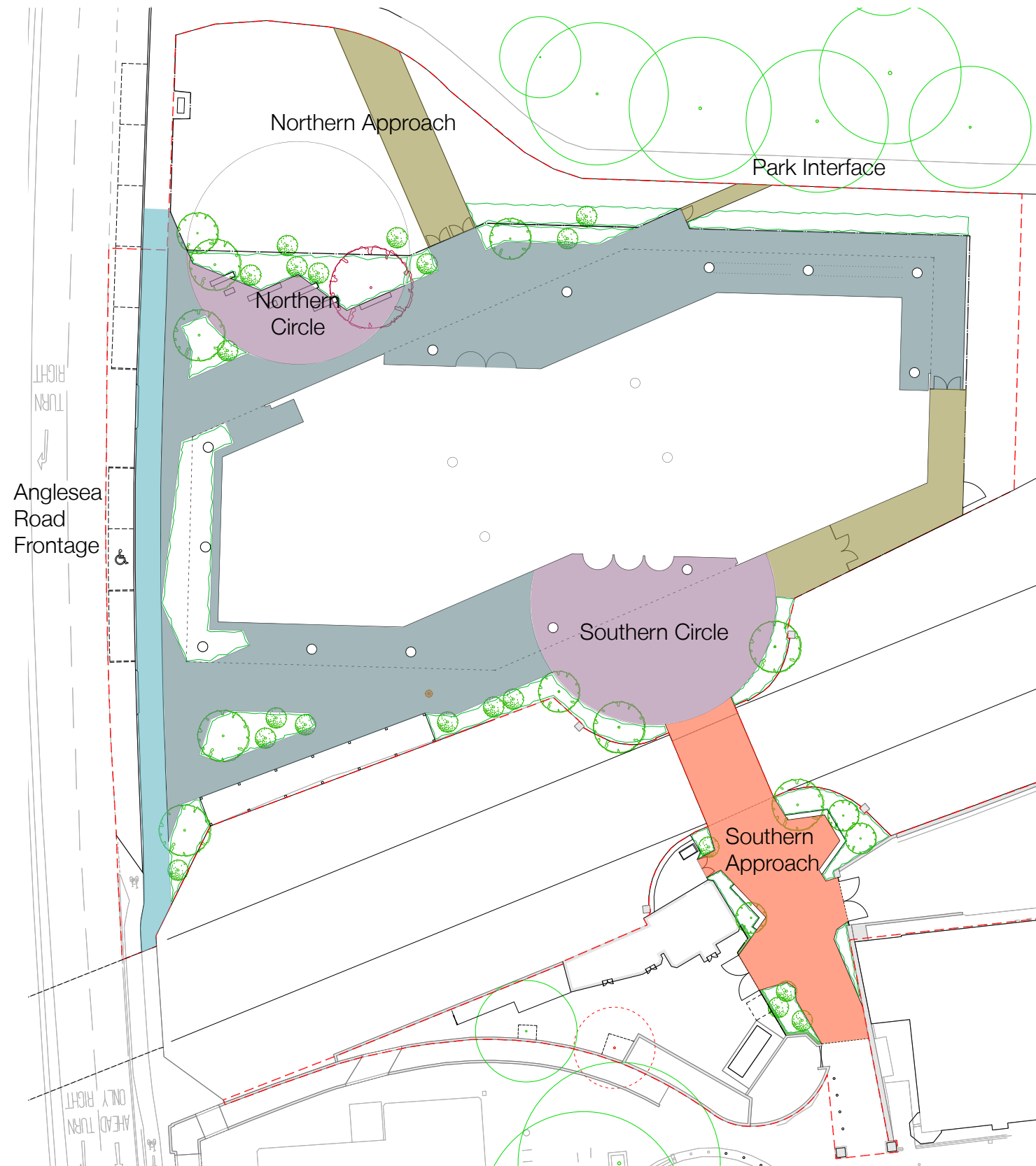
LANDSCAPE

| LANDSCAPE MASTERPLAN



1 | SITE STRATEGY

| HARD LANDSCAPE STRATEGY



Hard Typologies

- Natural stone slab paving 1
- Pennant sandstone, unit size tbc
- Natural stone slab paving 2
- Purbeck stone, unit size tbc
- Clay block paving
- 'Alder Supraton' by Weinerberger (200x50x65mm)
- Permeable resin bound surfacing
- Natural aggregate surfacing by Sureset
- Pre-cast concrete slabs
- 600x600x80mm

1 | SITE STRATEGY

| HARD MATERIALS PALETTE



Resin bound surfacing (permeable)



Clay creasing tiles used to form seating edge



Clay pavers - Southern Approach



Purbeck stone swatches



FCBS visualisation



Purbeck slabs - feature paving/ stone benches



Pennant slabs - primary paving units

1 | SITE STRATEGY

| SKETCH VISUALISATION

Planted boundary
with Victoria Park

Copper beech feature
tree (to rear)

Natural stone
monolith seating

Purbeck stone
paved circle

Pennant sandstone
paving

Planting to base
of west elevation

Cycle shelter
(green roof/ walls)

Anglesea Road



View towards building from north west approach



Precedent images

INTERNAL ARRANGEMENT
MARKET HALL

2 | INTERNAL ARRANGEMENT

| MARKET HALL



Level 00 Isometric Visualisation

- | | | |
|---------------------------------|---------------------------------|----------------------------|
| 1. Stair 1 | 6. Northern Main Entrance Doors | 11. Flexible Central Zone |
| 2. Stair 2 | 7. Lift Core | 12. WCs |
| 3. Stair 3 | 8. Cafe Servery | 13. External Cafe Seating |
| 4. Stair 4 | 9. Reception / MyPort Desk | 14. Perimeter Soft Seating |
| 5. Southern Main Entrance Doors | 10. Showcase Teaching Space | |

WEST CORE

EAST CORE

2 | INTERNAL ARRANGEMENT | MARKET HALL



Markethall Visual from the Southern Main Entrance

2 | INTERNAL ARRANGEMENT | MARKET HALL



Markethall View from Southern Corner looking towards Victoria Park

2 | INTERNAL ARRANGEMENT

| MARKET HALL



Markethall Evening Event View - Showcase Lighting

INTERNAL ARRANGEMENT
SHOWCASE TEACHING

2 | INTERNAL ARRANGEMENT | SHOWCASE TEACHING



Level 00 Isometric Visualisation

2 | INTERNAL ARRANGEMENT | SHOWCASE TEACHING

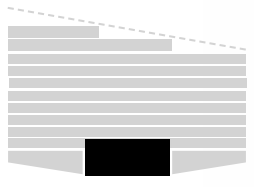
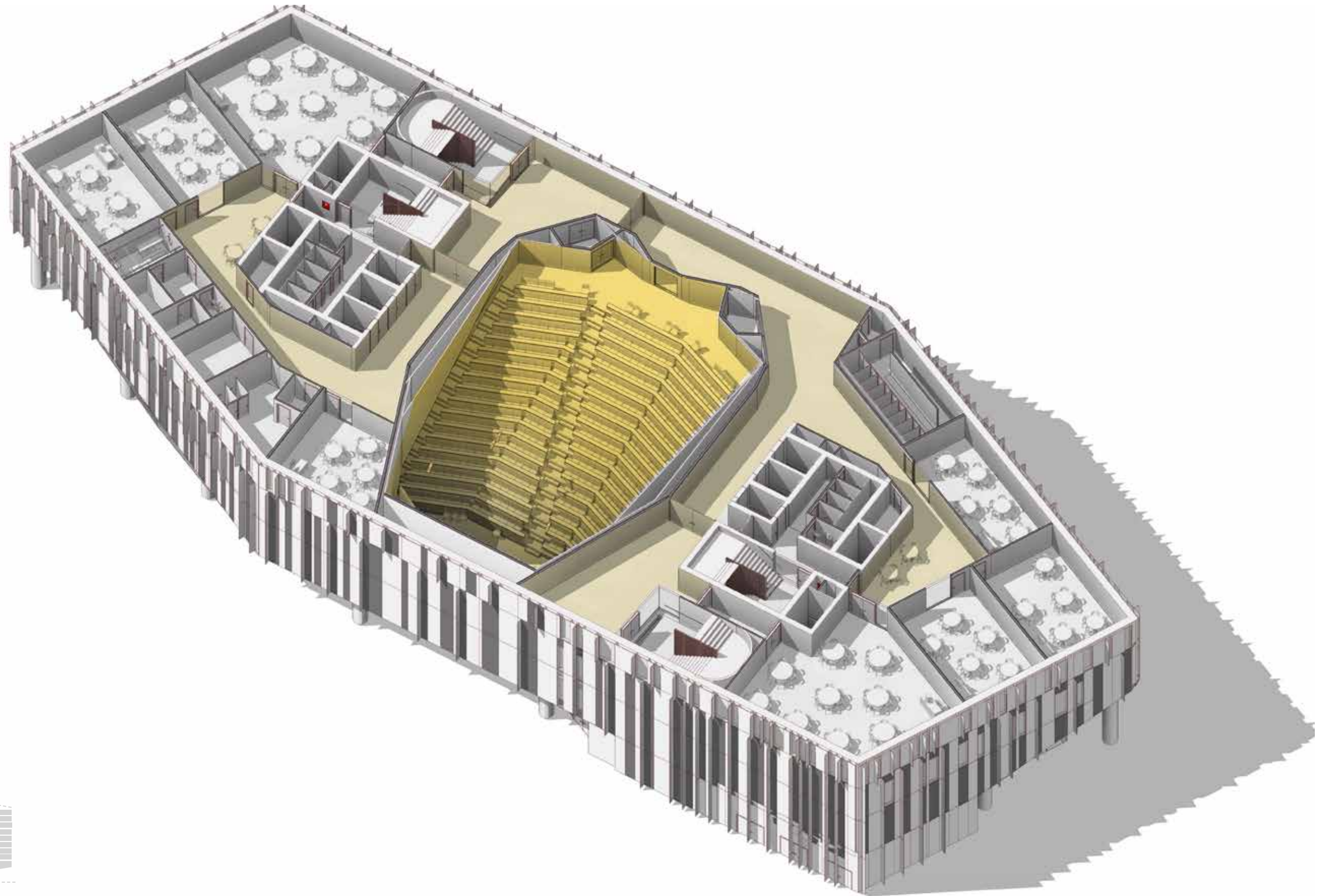


Level 00 Large Flat-floor teaching space (West)

INTERNAL ARRANGEMENT LECTURE THEATRES

2 | INTERNAL ARRANGEMENT

| LARGE LECTURE THEATRE



2 | INTERNAL ARRANGEMENT | LARGE LECTURE THEATRE



500 Seat Lecture Theatre

2 | INTERNAL ARRANGEMENT | LARGE LECTURE THEATRE



500 Seat Lecture Theatre

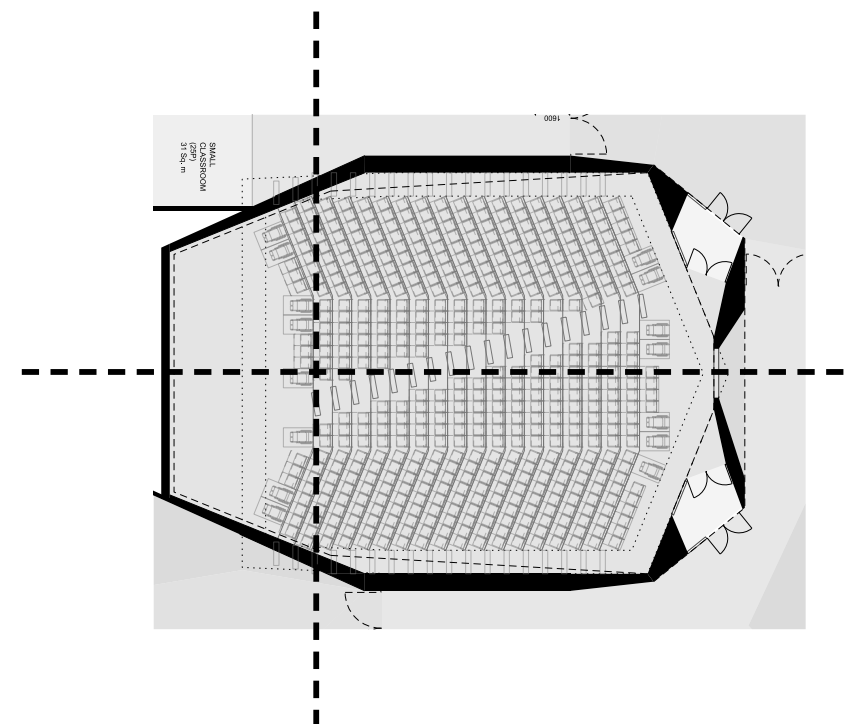
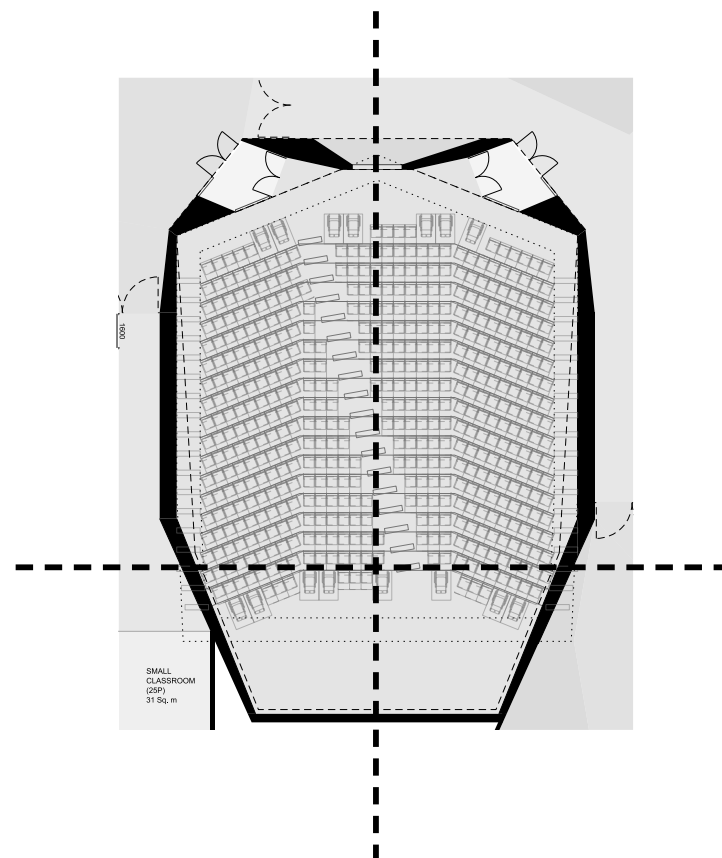
2 | INTERNAL ARRANGEMENT | LARGE LECTURE THEATRE



Short section



Long section

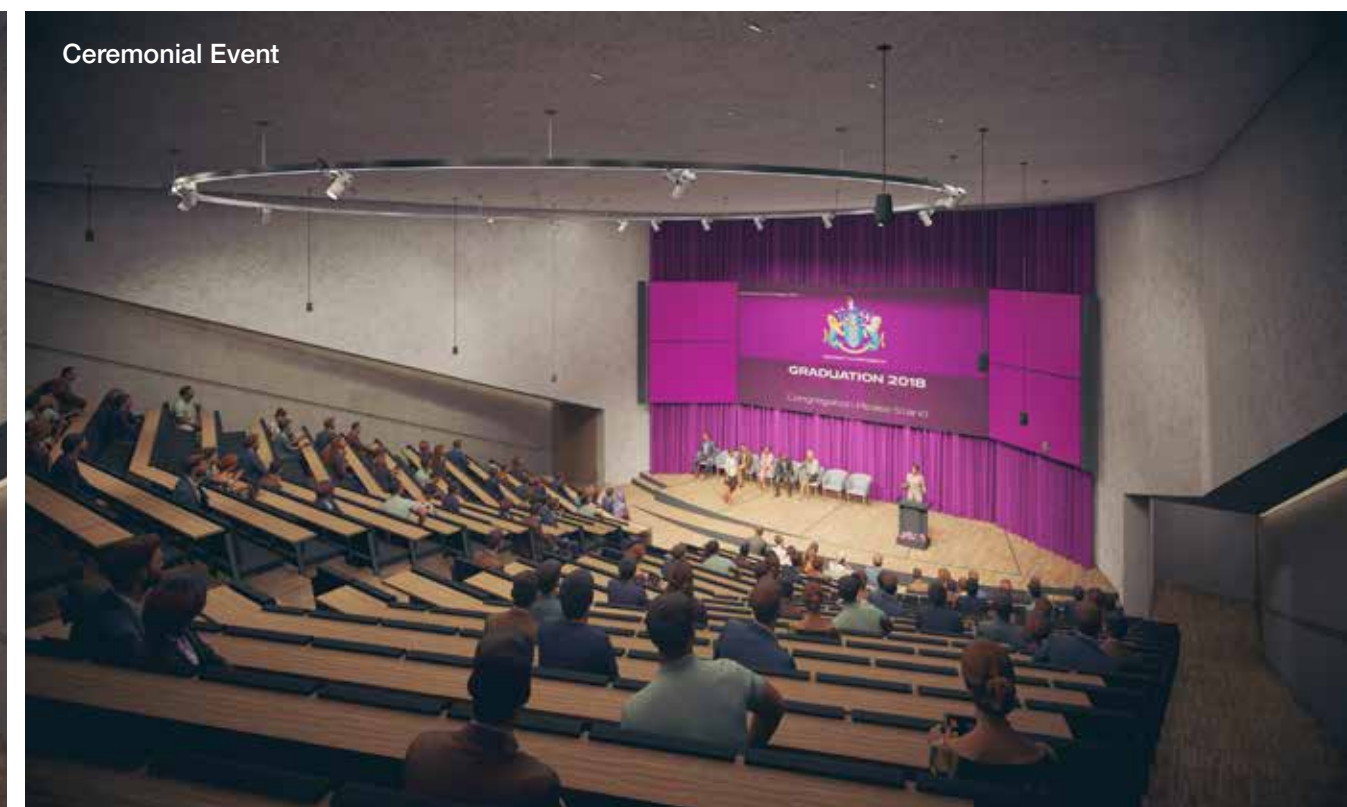
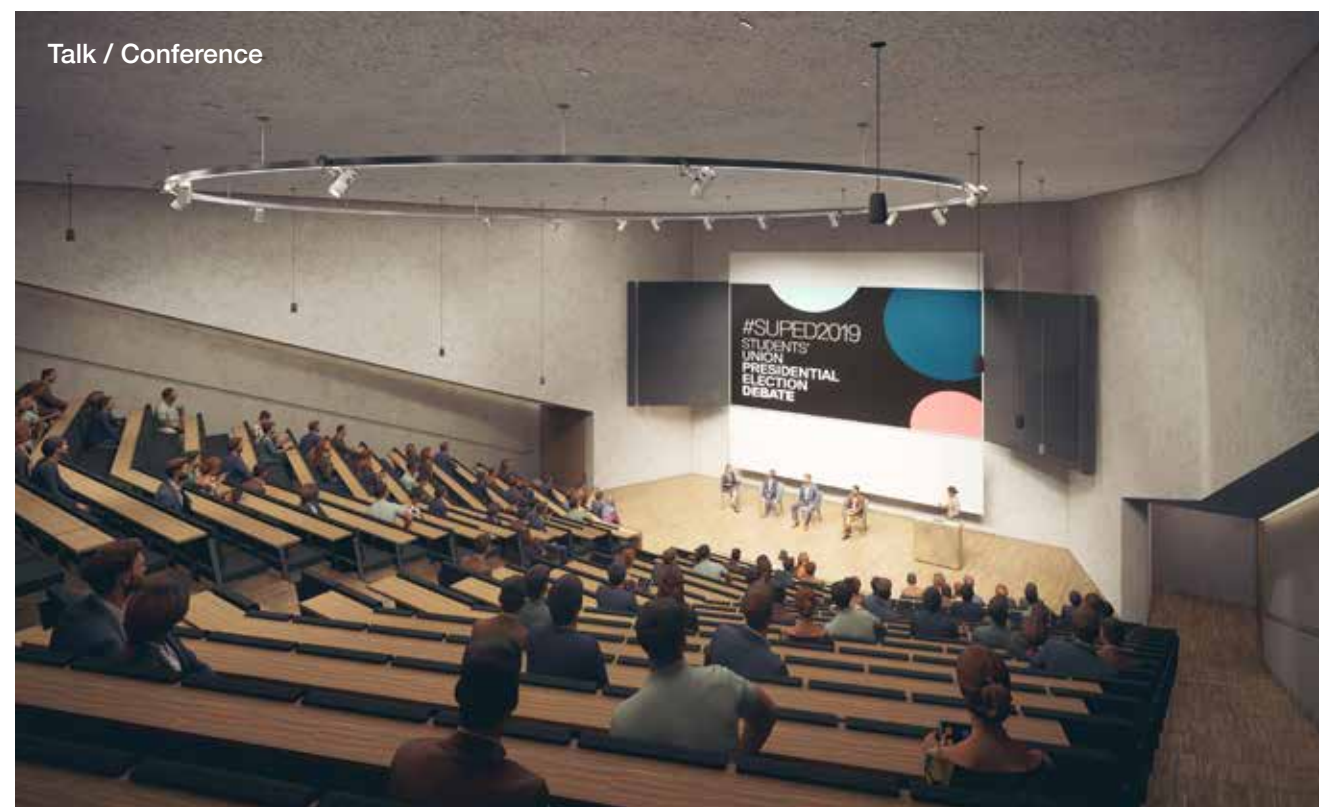


2 | INTERNAL ARRANGEMENT | LARGE LECTURE THEATRE

Functional Scenarios

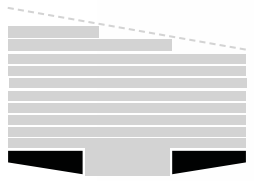
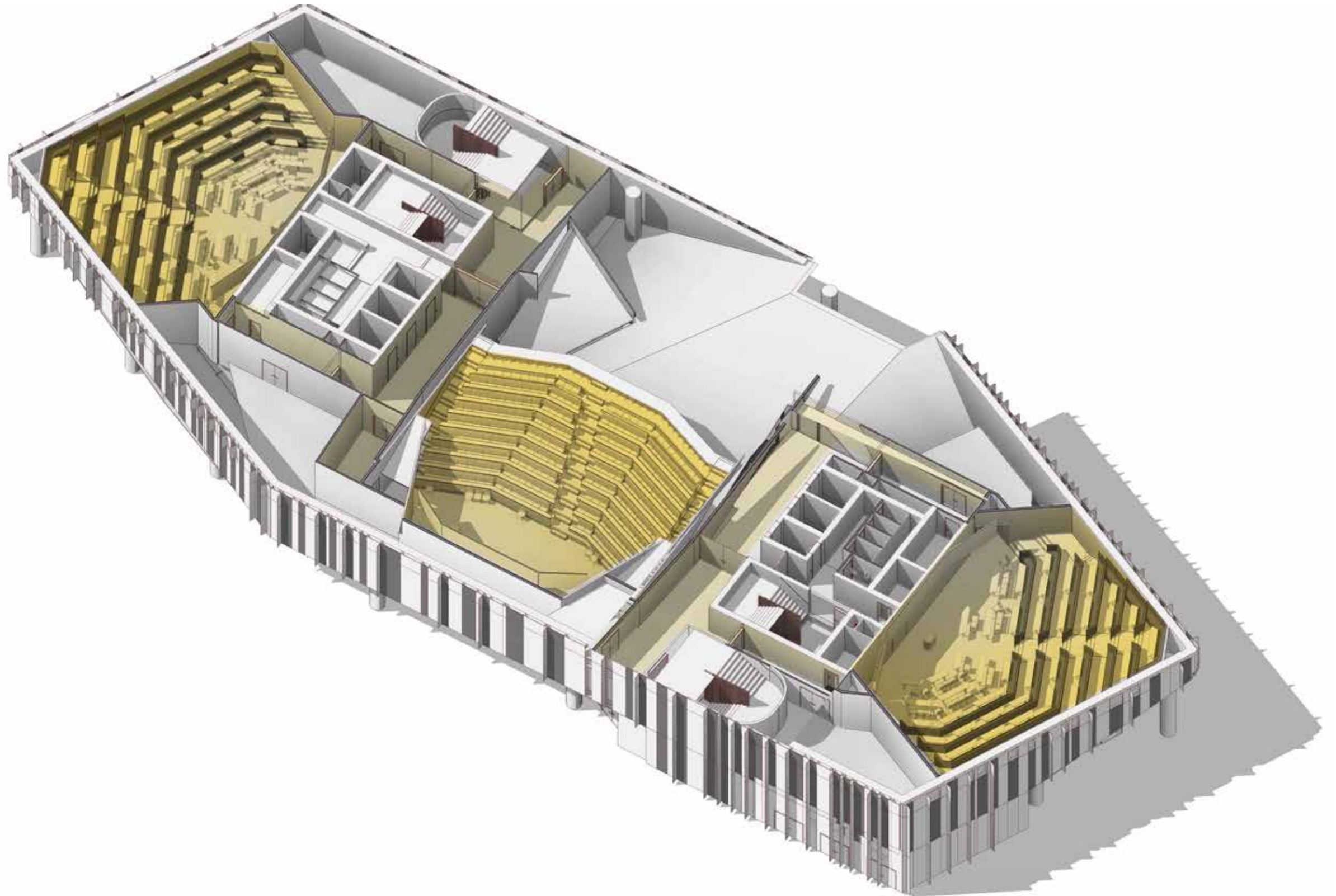
1. **Lecture**
2. **Talk / Conference**
3. **Ceremonial Event** (e.g. graduation ceremonies)

- Three different modes illustrated below are assumed to be achieved with the base infrastructure and technical systems which typically support lecture.
- Possible enhancements and system upgrades are to be reviewed with the University to support other type of events.



2 | INTERNAL ARRANGEMENT

| COLLABORATIVE LECTURE THEATRES



2 | INTERNAL ARRANGEMENT | COLLABORATIVE LECTURE THEATRES



Collaborative Lecture Theatre

2 | INTERNAL ARRANGEMENT | COLLABORATIVE LECTURE THEATRES



Collaborative Lecture Theatre

INTERNAL ARRANGEMENT
ATRIUM - PARK & CITY ROOMS

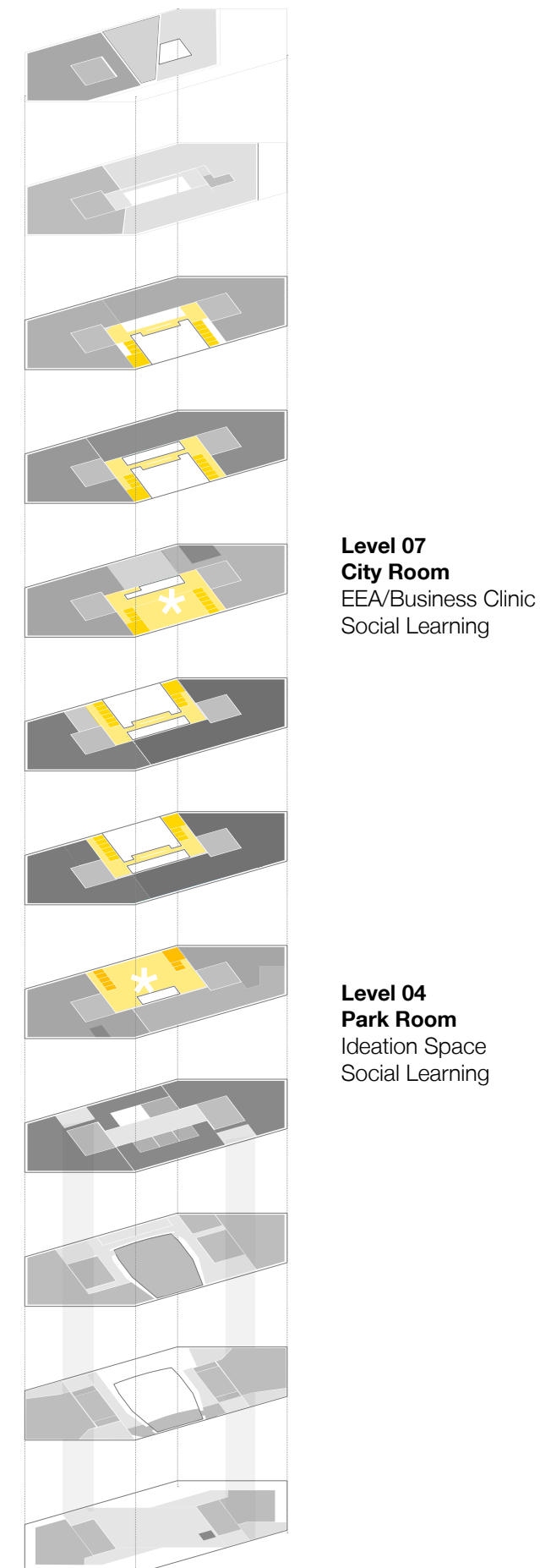
2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS

Park & City Room Organizational Diagram

The Park and City Rooms are anchoring points at the heart of the building. The two triple height spaces are surrounded by Faculty Workspace, Specialist Teaching, meeting and tutorial rooms. A central stair and promenade bridges connect the various spaces and provide break out space away from office, meeting and seminar rooms.

The large circular 'Oculus' windows face in opposite directions. The northern oculus, at Level 4, provides views out over Victoria Park, the souther oculus, at Level 7, looks out across the city towards the south coast, the Solent and the Isle of Wight.



2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Level 03 Administration Forum

2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Interface Booths and Counter

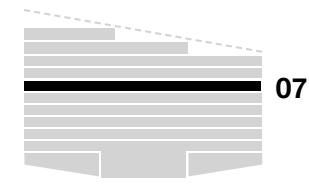
2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS

City Room

Located on Level 7 with specialist teaching rooms, the Park Room will facilitate the briefed Business Clinic and EEA space. It is imagined that when not in timetabled use for its specialist function the space can be utilised for social learning, gathering and meetings. With a view South towards the City the space will receive abundant natural light. As well as natural daylight form the Oculus window, this space will receive diffused top light from the roof light void above.

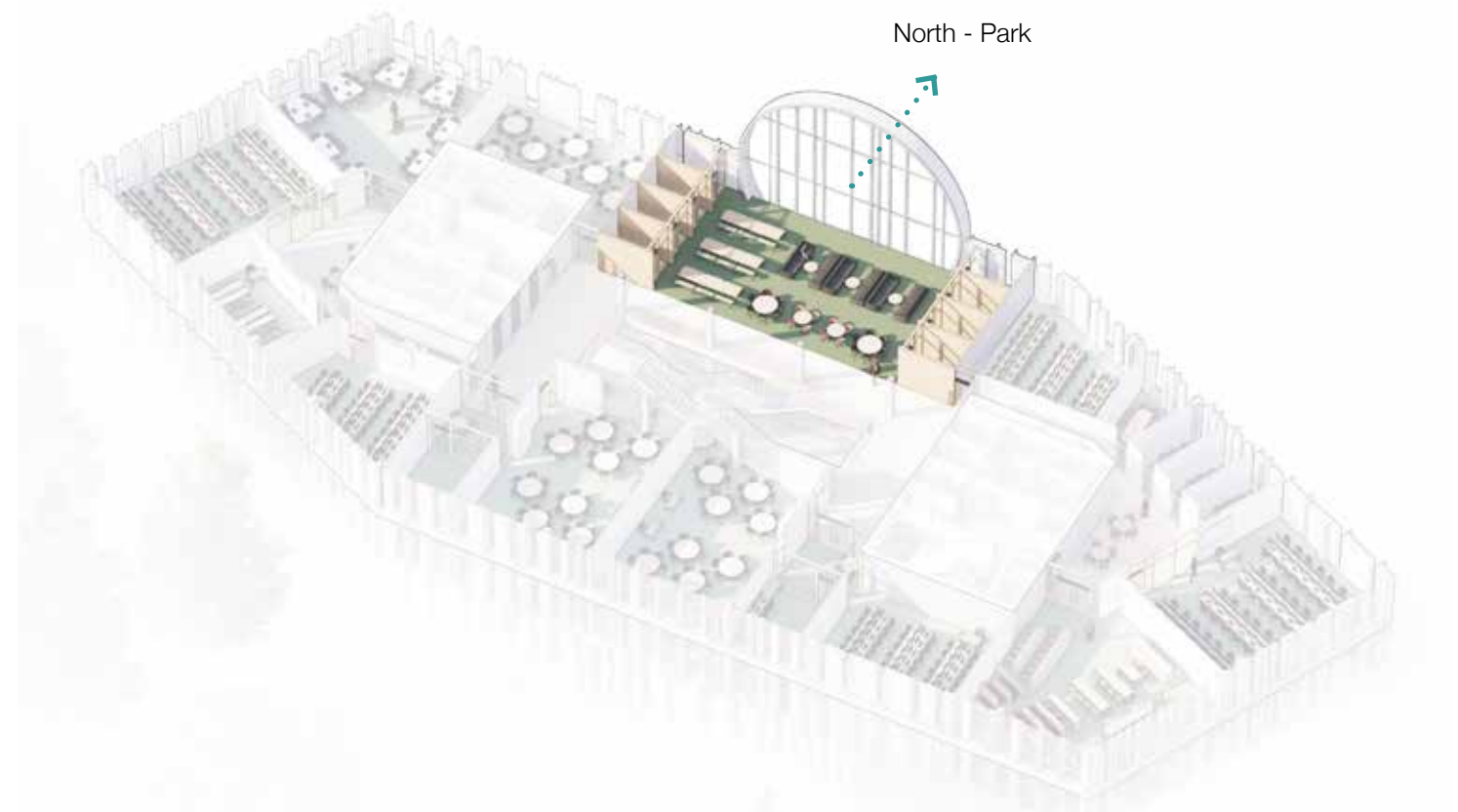
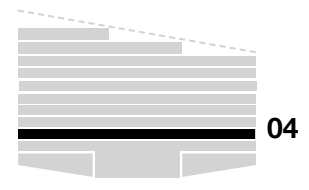
Level 07 Axonometric-
Specialist & General
Teaching



Park Room

Located on Level 4 amongst predominantly BaL specialist teaching rooms, the Park room will facilitate the briefed Ideation Space. A space for staff, students and external visitors that enhances the creative potential of the occupants. The space will be a University-wide resource, available to teams needing to brainstorm around projects/initiatives. With a view North to Victoria Park the space will overlook the adjacent tree canopy and receive diffused North light form the oculus window, as well as filtered light permeating through the atrium.

Level 04 Axonometric-
Specialist & General
Teaching



2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Park Room - view into social learning landings

2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Park Room - view into social learning landings

2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Park Room - view into social learning landings

2 | INTERNAL ARRANGEMENT

| ATRIUM - PARK & CITY ROOMS



Park Room - view through atrium

INTERNAL ARRANGEMENT
GENERAL TEACHING

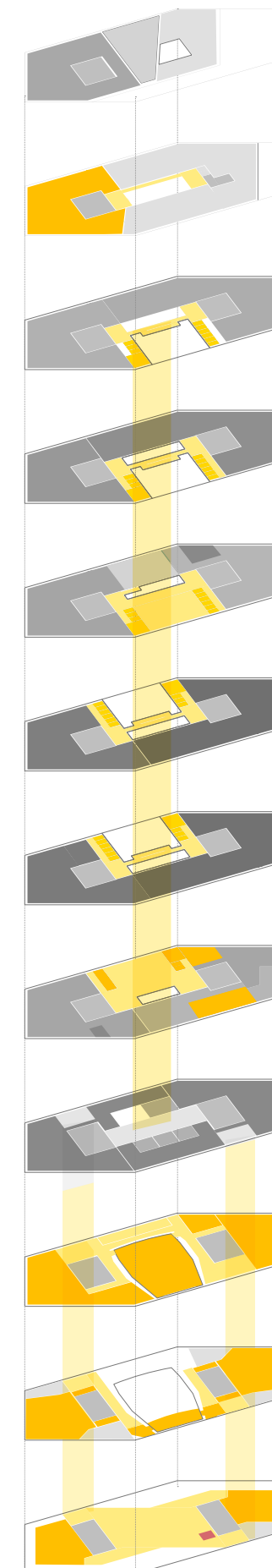
2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING

General Teaching Floors

The overall approach to the distribution of teaching spaces in the building has remained unchanged.

The majority of general teaching spaces including the lecture theatres and large flat floor spaces are arranged over the bottom three floors of the building. Other, smaller, flexible teaching spaces and seminar rooms are distributed throughout the building.



Level 10

Large, Medium and Small Teaching Rooms

Level 04- 09

Small Teaching Rooms and Meeting Rooms

Level 02

Large Lecture Theatre (top entry)
Medium and Small Teaching Rooms

Level 01

Large Lecture Theatre (lower entry)
Collaborative Lecture Theatres

Level 0

Large and Medium Showcase Teaching

2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING



2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING



Typical 25 person Classroom

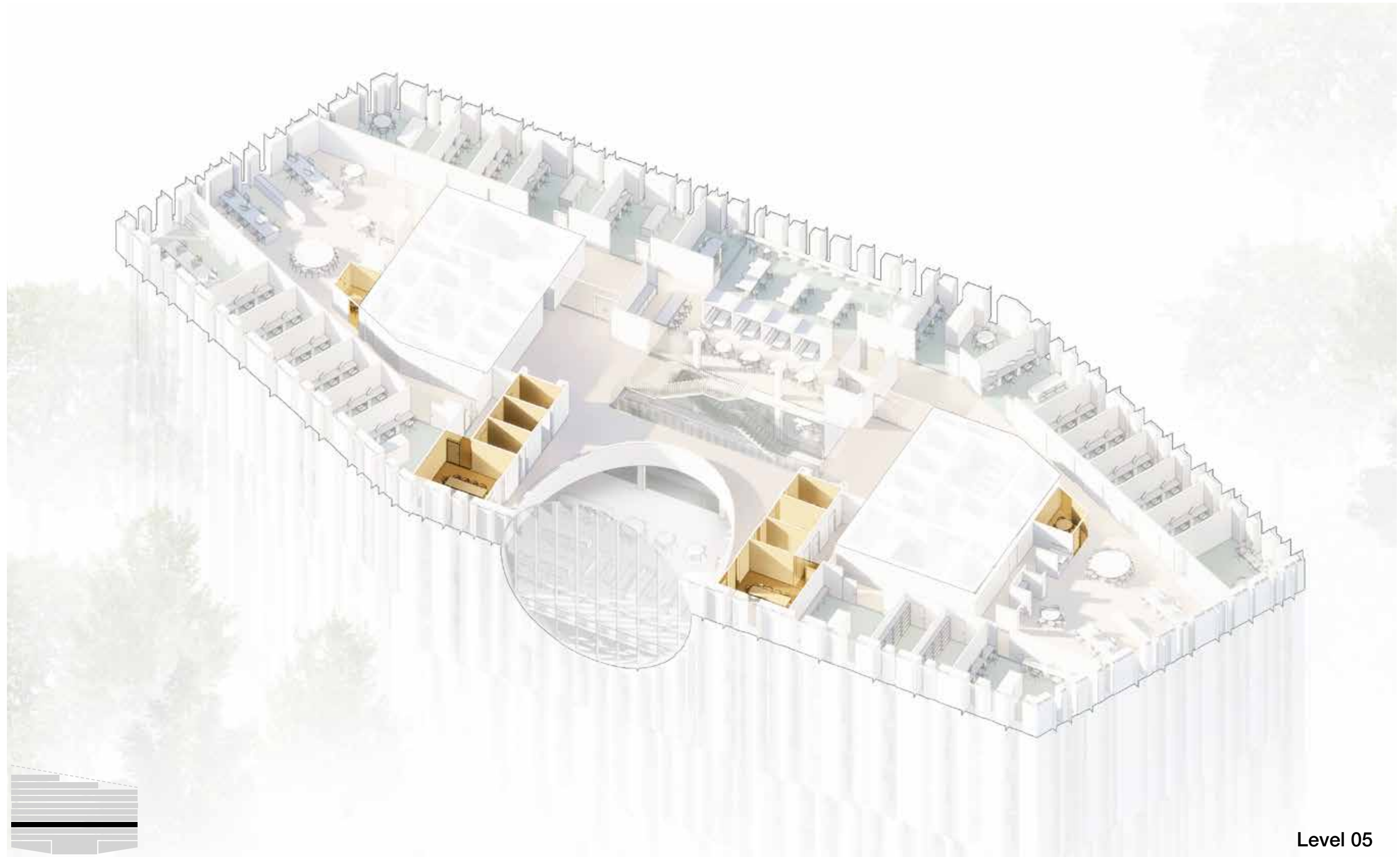
2 | INTERNAL ARRANGEMENT | GENERAL TEACHING



Typical 50 person Classroom

2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING



2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING



Tutorial and Meeting room spaces surrounding the Park and City 'Rooms'

2 | INTERNAL ARRANGEMENT | GENERAL TEACHING



Larger seminar room spaces flanking the Park and City 'Rooms'

INTERNAL ARRANGEMENT
SPECIALIST TEACHING SPACES

2 | INTERNAL ARRANGEMENT

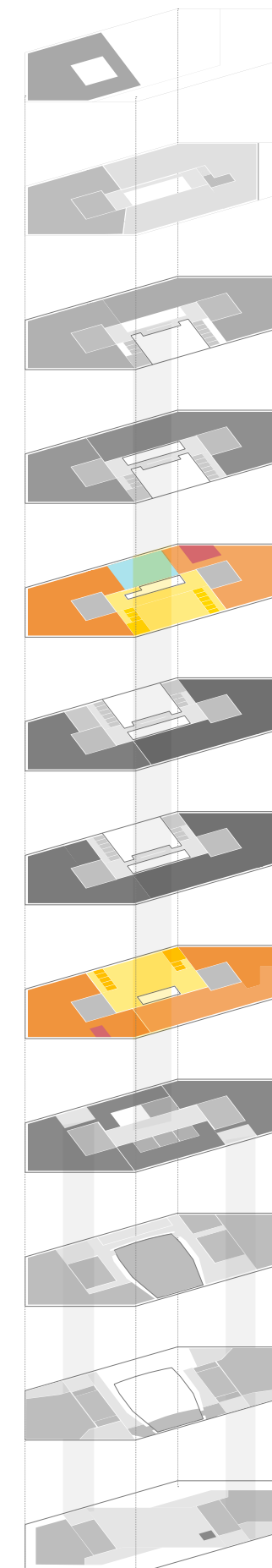
| SPECIALIST TEACHING

Specialist Teaching Floors

Similarly to the General Teaching provision the approach to the distribution of Specialist teaching spaces in the building has remained unchanged.

The specialist teaching spaces are grouped on levels 4 and 7 at the base of the Park and City rooms respectively, placing the Academic staff closer to their specialist teaching facilities.

The PGR Hub and Interface area has moved down from Level 10 to occupy the central zone adjacent to the City Room on Level 7.



Level 07
HUMSS Specialist Teaching
with PGR Hub

Level 04
BaL Specialist Teaching

2 | INTERNAL ARRANGEMENT

| SPECIALIST TEACHING

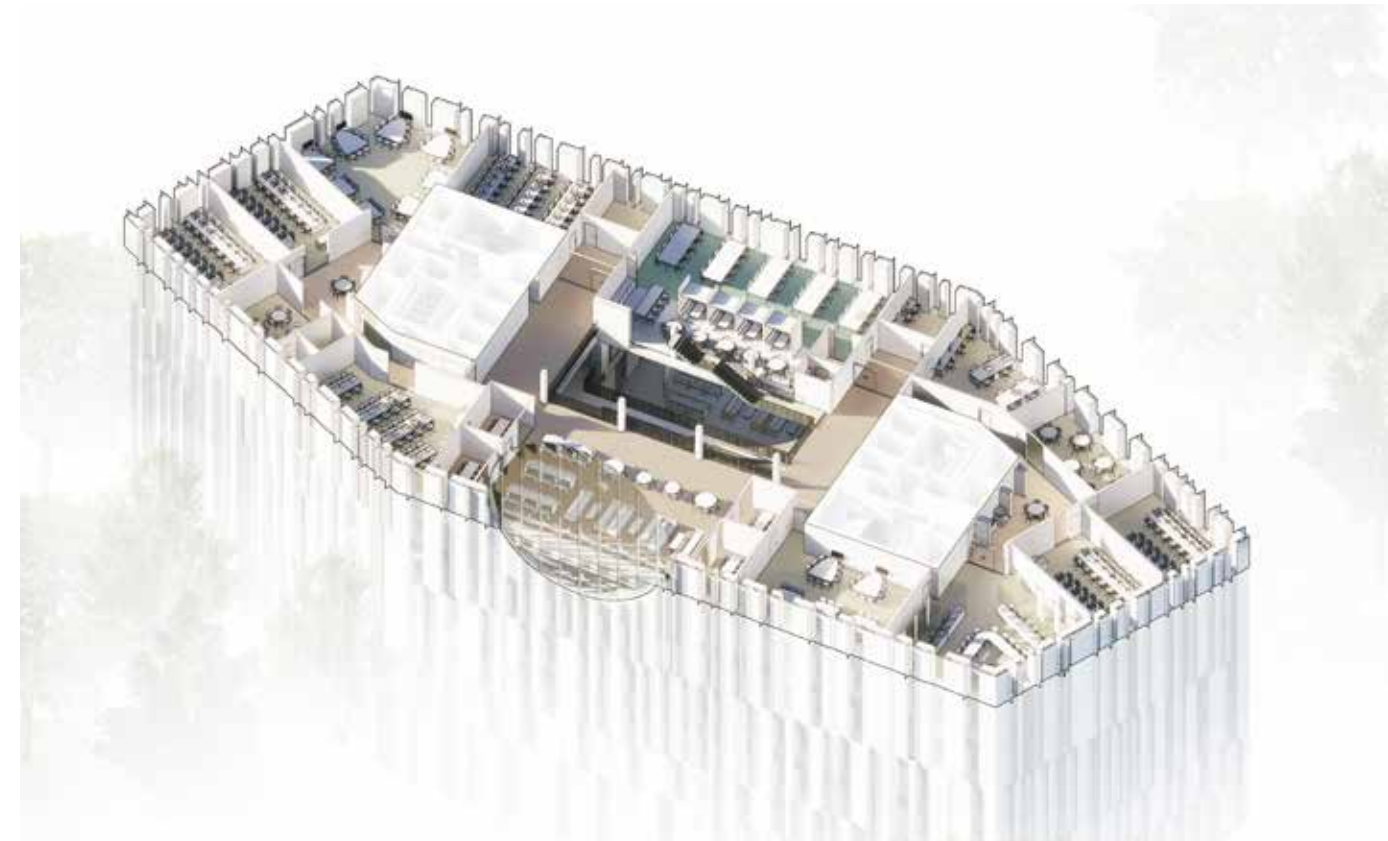
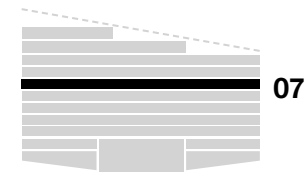
Level 07

With two floors of academic space above and two floors of academic space below this floor, it is ideally located for the more generalist specialist teaching spaces.

A slightly more HUMSS-focussed floor, all of the SLAL spaces are located here, most of which are clustered in the western wing. In the other wing are a mixture of SLAL, EDSOC and HUMSS spaces. Centrally are the more generic teaching spaces and the Executive Education Area. This floor also contains the VR simulation and video production rooms.

This is all supported by a generous general teaching provision of flexible seminar rooms and two TEAL rooms.

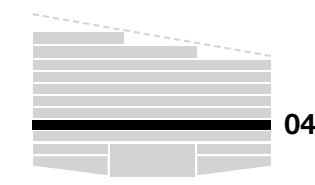
The PGR Hub occupies the central zone of the plan adjacent to the City Room.



Level 04

With the the colocated ICJS and School of Law on the floor above, the majority of this floor serves spaced dedicated for those two departments - a suite of ICJS rooms is located to the west and the courtroom and associated functions in the east.

The central part of the plan is dedicated to showcase teaching spaces - the Bloomberg suite, SAP labs and Business Simulation / Hydra suite. The BaL technical support office is also on this floor to support those functions.



INTERNAL ARRANGEMENT

ACADEMIC SPACES

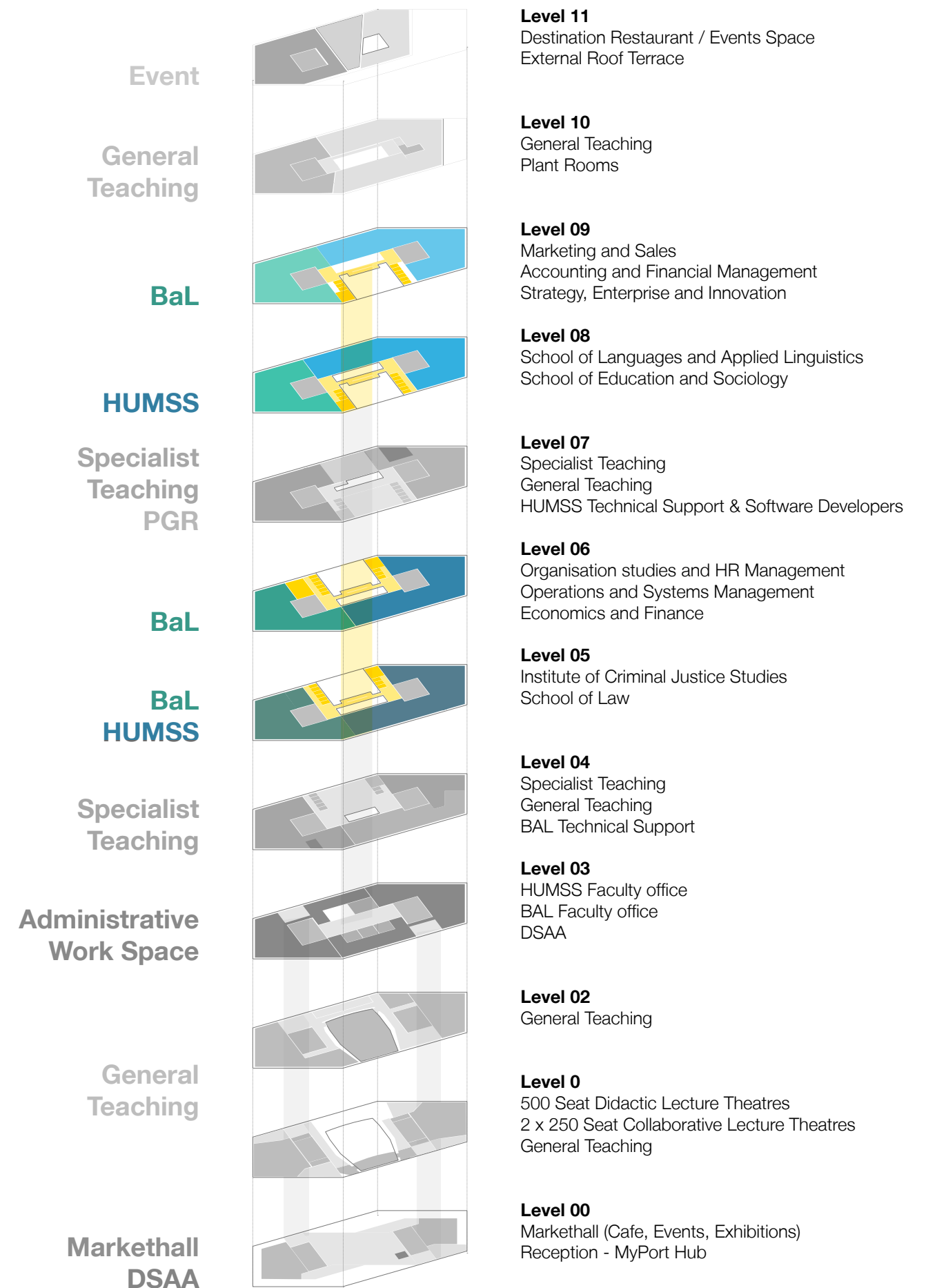
2 | INTERNAL ARRANGEMENT

| ACADEMIC WORKSPACE

General Arrangement

Faculty workspace is grouped on the upper floors of the building acoustically separate from the highly trafficked ground floor and lower three floors of general teaching.

Schools and departments are arranged around two interconnected triple height spaces, the Park and the City Rooms, these provide the focus for appropriately scaled academic neighbourhoods.



2 | INTERNAL ARRANGEMENT

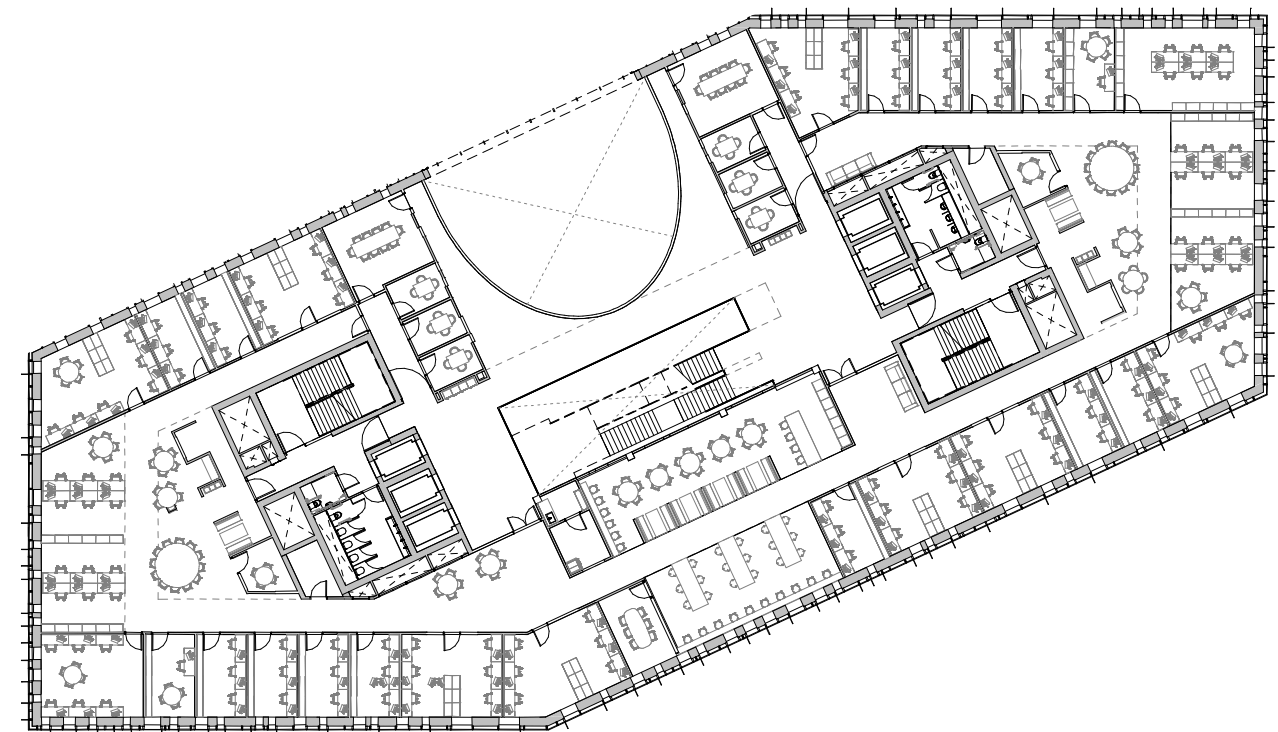
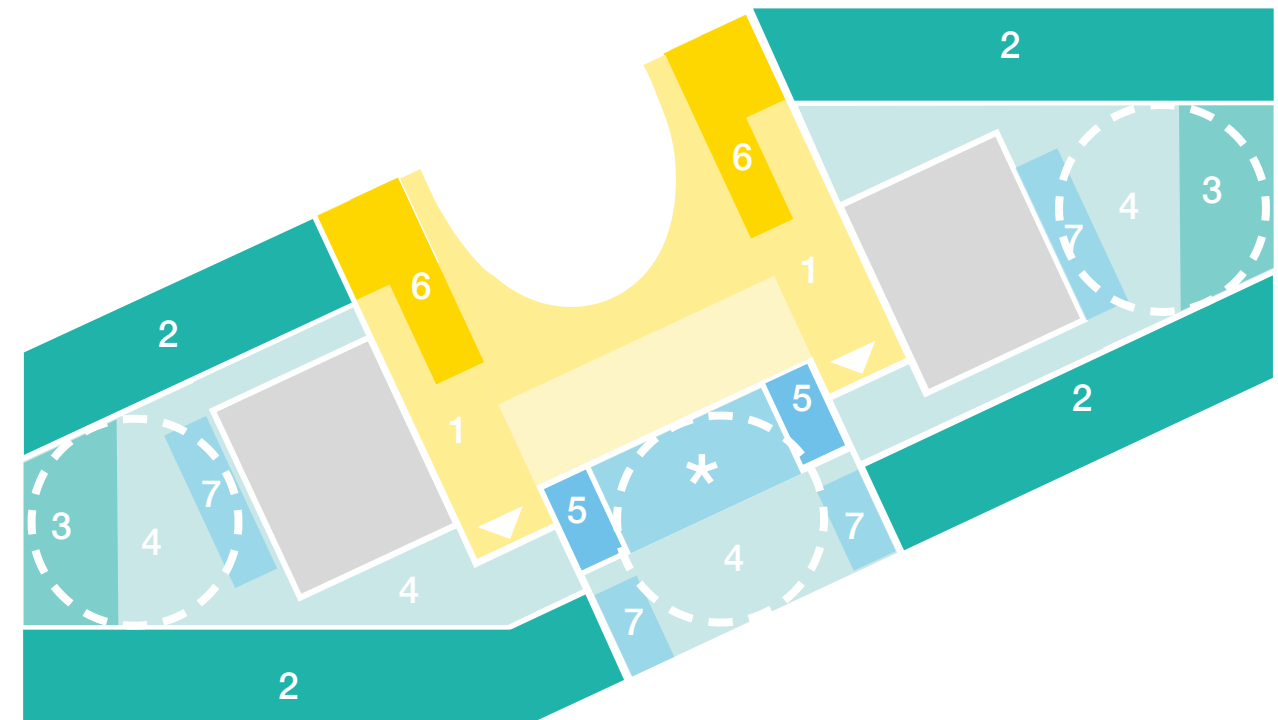
| ACADEMIC WORKSPACE

Typical Floor Plan

The general planning arrangements and diagram of a typical academic floor plate is loosely defined in the adjacent diagram.

1. Departmental Landings - Student Interface, Tutorial and Seminar Rooms.
- ▼ Departmental Front Doors - Breakout space to express individual identity.
2. Perimeter Office - 3-6 person offices
3. Academic Work Space - dedicated desks within shared spaces
4. Hot Desking
5. Ancillary Space - kitchenettes, breakout academic social space, printing hub
6. Tutorial / Meeting Spaces
7. Academic Expansion / Additional Meeting rooms / Breakout Workspace
- * Social Hub

- Departmental Space - Open Plan Academic
- Departmental Space - Cellular Offices
- Departmental Space - Ancillary Space
- Timetabled Meeting, Tutorial & Seminar Rooms
- Departmental Landing / Student Engagement
- Staircases, Lifts and WCs



2 | INTERNAL ARRANGEMENT

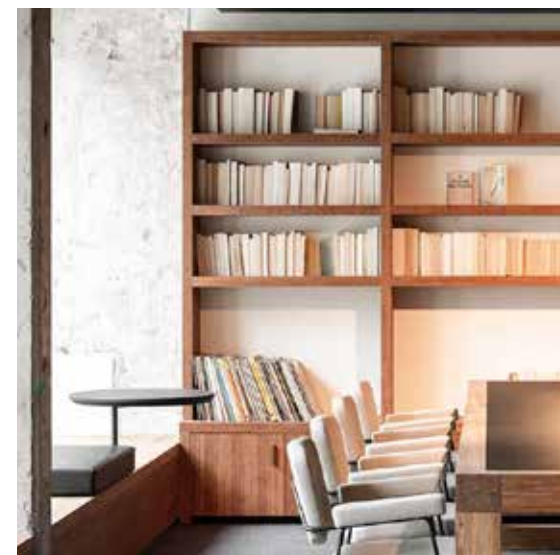
| ACADEMIC WORKSPACE

Academic Workspace

The academic office is important for professional identity and has been treated consistently across all departments. Offices are used by academics as a base for activities on campus which is likely to include preparation of teaching / assessment materials, administration and research.

Office workspace is arranged around the perimeter of the floorplan so that spaces benefit from daylighting. It was agreed through consultation that the majority workspace should be cellular to provide acoustic separation and privacy.

The perimeter office layouts are flexible and can accommodate a mixture of 1, 3 and 6 person offices depending on each departments' requirements.



2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE



Three Person Office Shared Office

2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE



Six Person Office Shared Office

2 | INTERNAL ARRANGEMENT

| ACADEMIC WORKSPACE

Shared Open Academic Workspace

The building diagram includes a provision of shared open academic workspace located on centrally on the perimeter within each of the departmental areas.

These spaces will contain dedicated workspace with equal provision of secure personal storage, shelving etc as the cellular offices. The spaces benefit from ready access to alternative working environments in the adjacent breakout and hotdesking zones.

Through consultation it is clear that within some schools and departments there was a desire to include some provision of open workspace. This provision can be expanded or indeed the space can be cellurlarised based on departmental requirements.



2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE



Open Plan Academic Work Space

2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE



Hot Desking Zone and Meeting Spaces

2 | INTERNAL ARRANGEMENT

| ACADEMIC WORKSPACE

Departmental Entrances

Schools and Departments are accessed from the landings around the City and Park Rooms via departmental entrances. Space for school/departmental display will give these entrances a sense of individual identity and these spaces will be used to invite students and visitors into academic workspace.

Social Hub

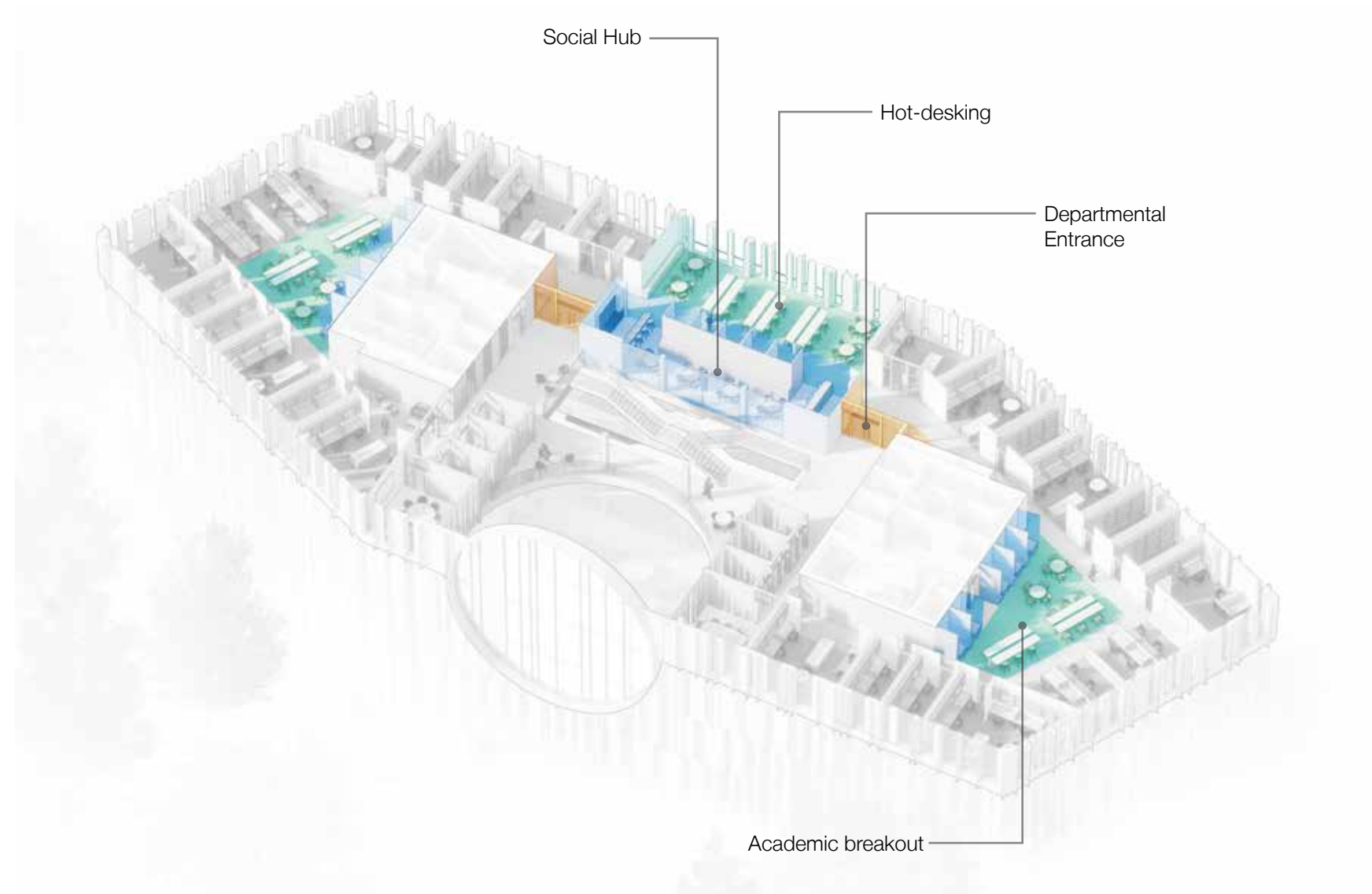
Located between Departmental Entrances, at the centre of the plan is the shared academic Social Hub. This hub space is shared by all staff working on this level and it contains kitchen facilities, a reprographics hub, recycling bins, dining area and a row of seating booths for impromptu meetings.

Hot-Desking

Hot desking is provided on each academic level in two locations, within the wings of the plan, which are intended as quieter working zones; and adjacent to the Departmental Entrances and the Social Hub where hotdesking is shared by all departments on that floor.

Academic Breakout

It has been possible to introduce breakout spaces within departmental zones through the spatial efficiency of the 3 and 6-person office. The function of breakout spaces varies across the academic floorplan dependant on its location. Breakout within the Social Hub and around Departmental Entrances are likely to be livelier social spaces where as furniture and finishes to breakout space located adjacent to open plan and cellular offices will promote quieter working.



2 | INTERNAL ARRANGEMENT

| ACADEMIC WORKSPACE

Academic Interface

Provided within the Administrative and Departmental Social Hub are kitchen facilities, a reprographics hub, cleaner's store, recycling bins, dining area and a row of seating booths for meetings.

This space has been designed to limit the impact of increased noise and food smells on adjacent workspaces.

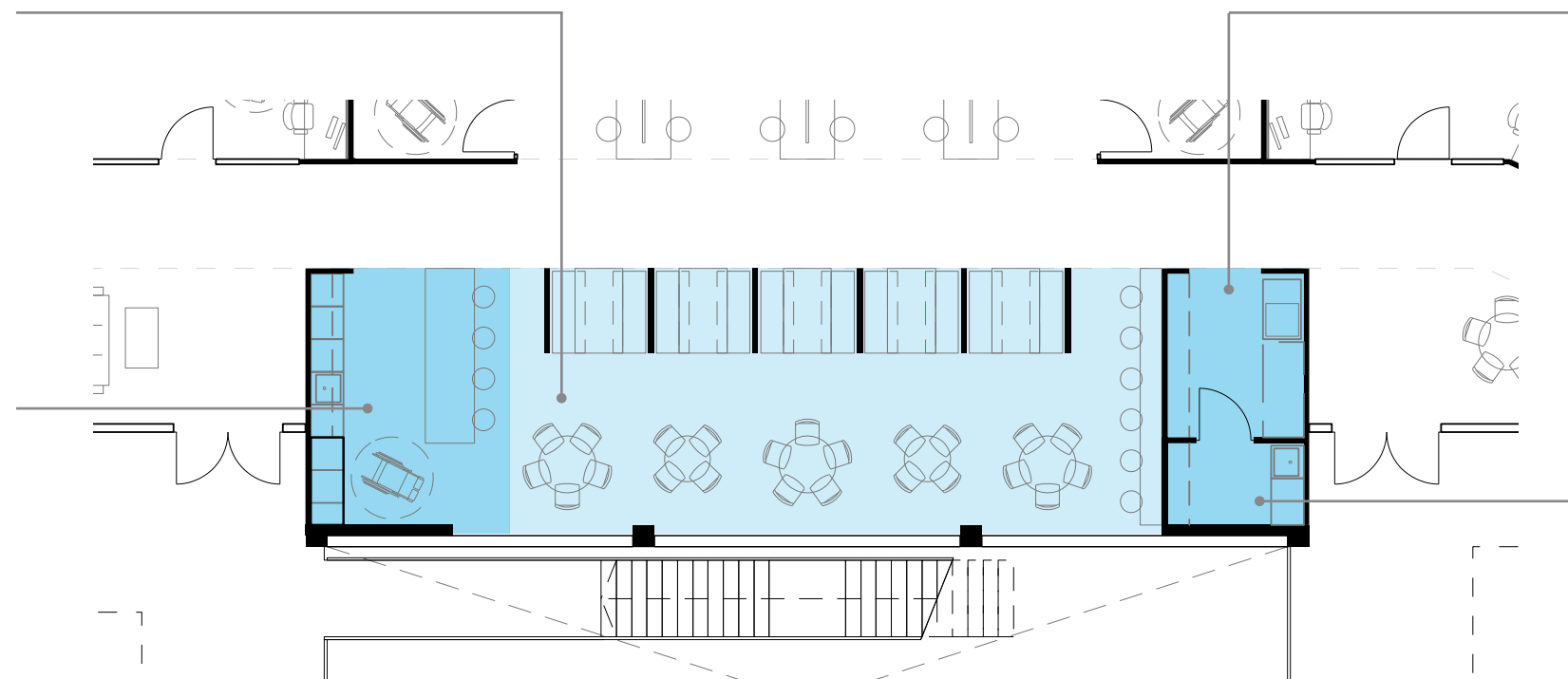


Academic Interface

Space for Academics to dining, impromptu meetings as well as generally relax away from the working departmental environment.

Kitchenette

Located to limit the impact of food smells into the shared academic offices while being conveniently placed. Detailed design of the kitchen provision will follow after further consultation in Stage 3.



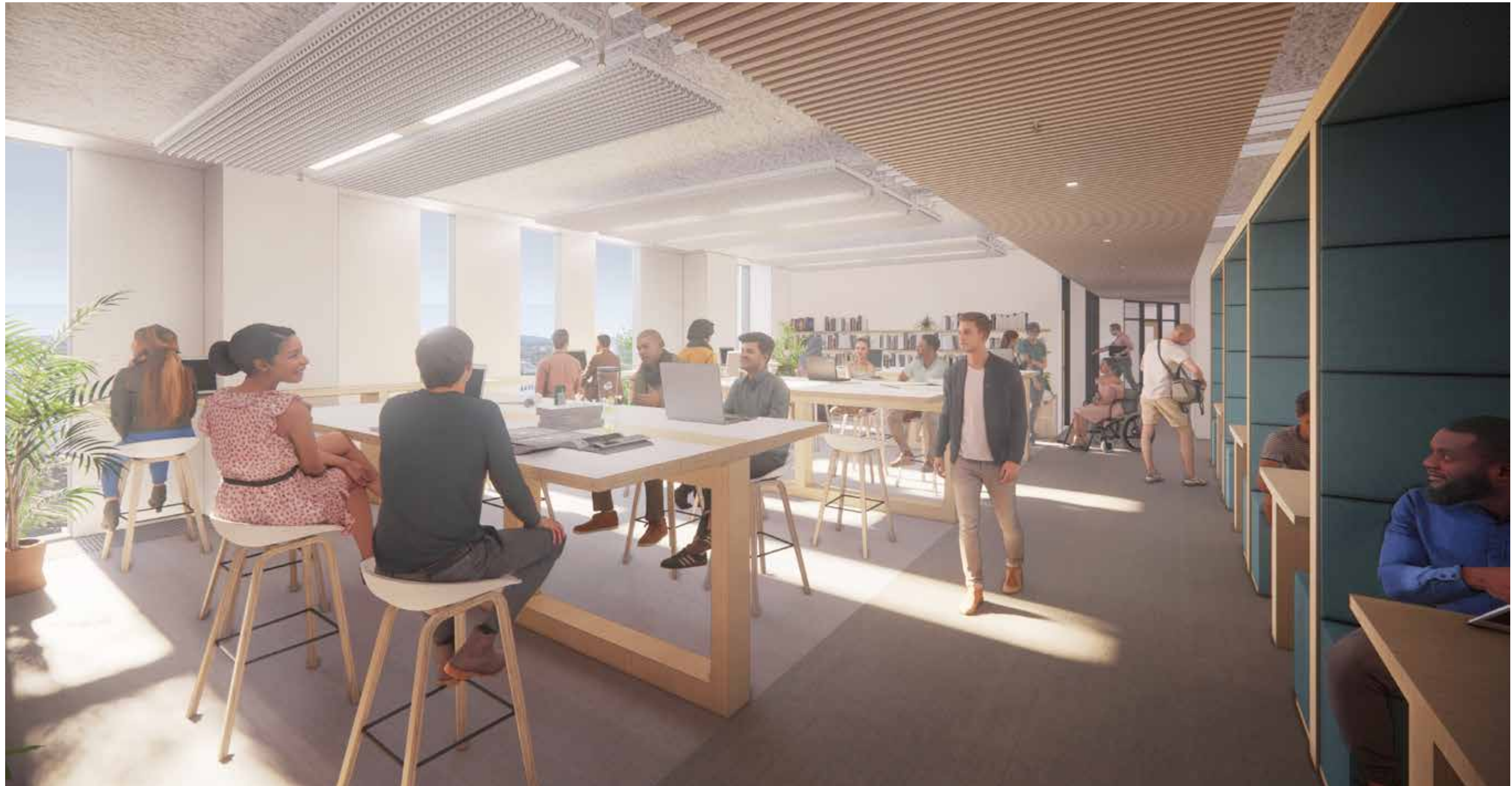
Reprographics

Space for centralised waste station and reprographics to house 3no. large recycling bins, printers, and general storage.

Cleaner's Store

A general store provision cleaning and maintenance equipment.

2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE



Academic Interface Zone

2 | INTERNAL ARRANGEMENT | ACADEMIC WORKSPACE

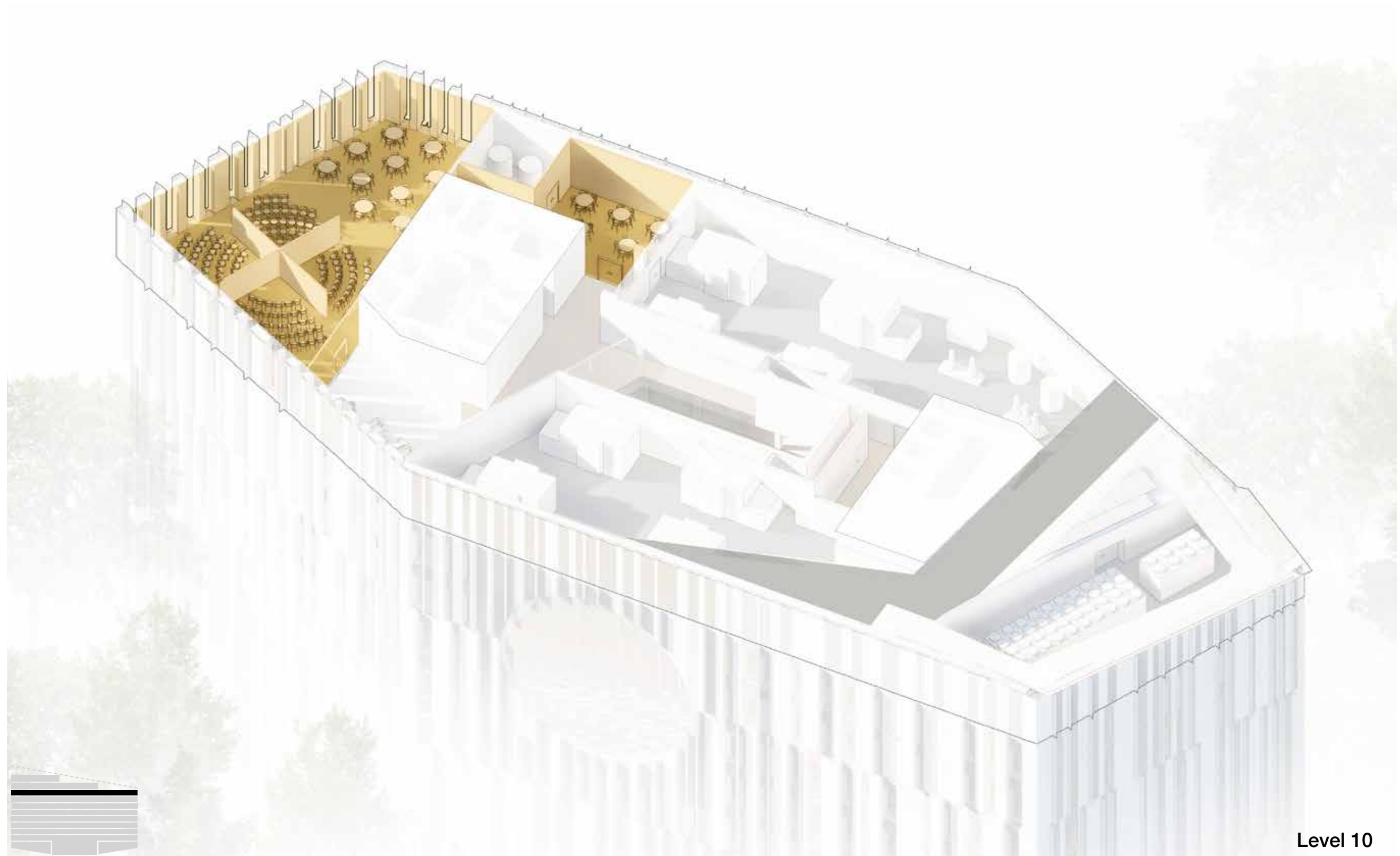


Academic Social Hub

INTERNAL ARRANGEMENT
LARGE FLAT FLOOR TEACHING SPACE

2 | INTERNAL ARRANGEMENT

| LARGE FLAT FLOOR TEACHING



2 | INTERNAL ARRANGEMENT

| GENERAL TEACHING



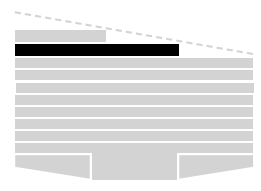
Level 10 Large Flat Floor Teaching Space

INTERNAL ARRANGEMENT
RESTAURANT & TERRACE

2 | INTERNAL ARRANGEMENT | RESTAURANT & TERRACE



Level 11 Isometric Visualisation



2 | INTERNAL ARRANGEMENT | RESTAURANT & TERRACE



Level 11 Restaurant

2 | INTERNAL ARRANGEMENT | RESTAURANT & TERRACE



Top Floor Events Mode - Evening Lighting

2 | INTERNAL ARRANGEMENT | RESTAURANT & TERRACE



Roof Terrace - Planting Strategy

2 | INTERNAL ARRANGEMENT | RESTAURANT & TERRACE



Roof Terrace - Sea Views

EXTERNAL ENVELOPE
FACADE

3 | EXTERNAL ENVELOPE | FACADE



Anglesea Road View - Stage 3

3 | EXTERNAL ENVELOPE

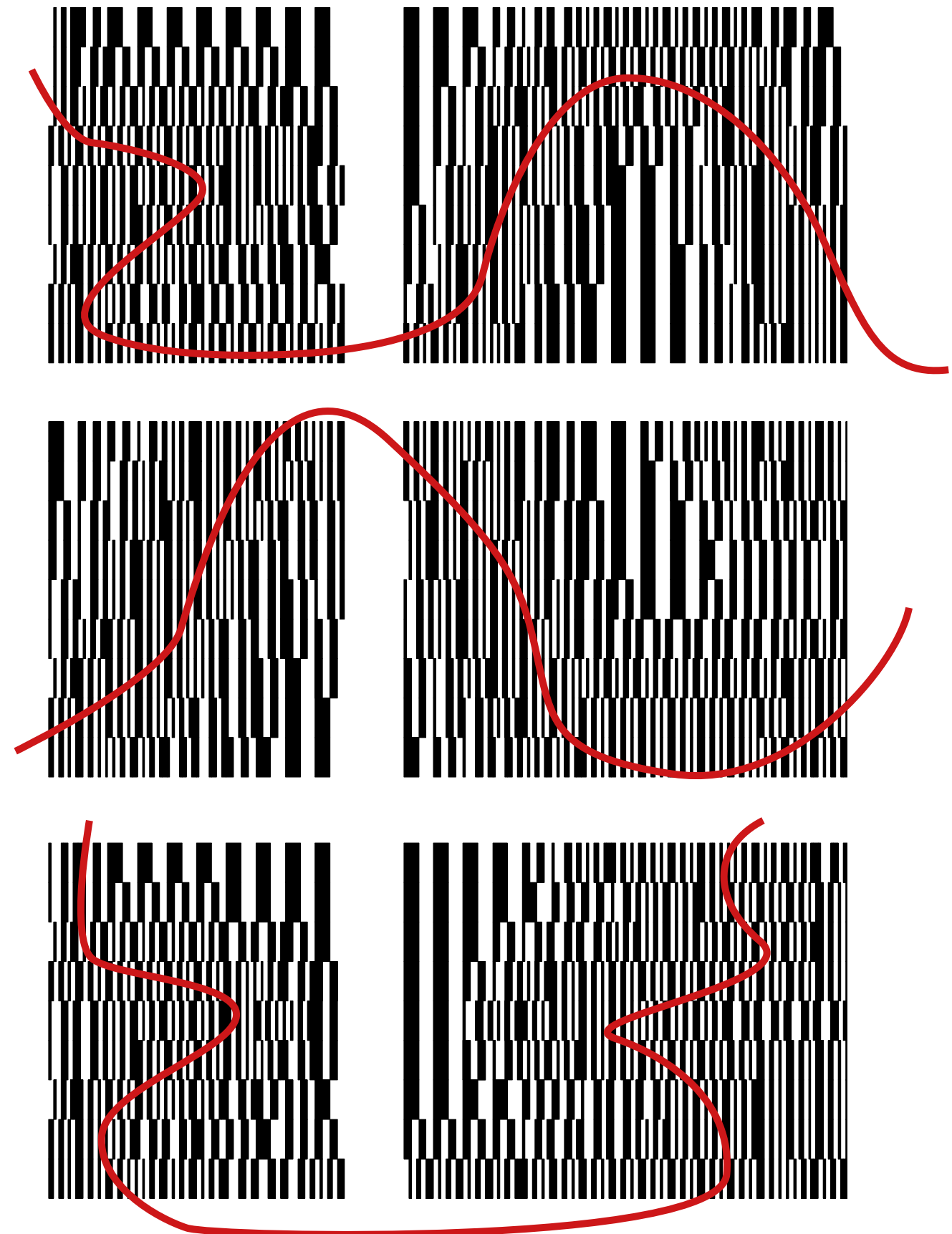
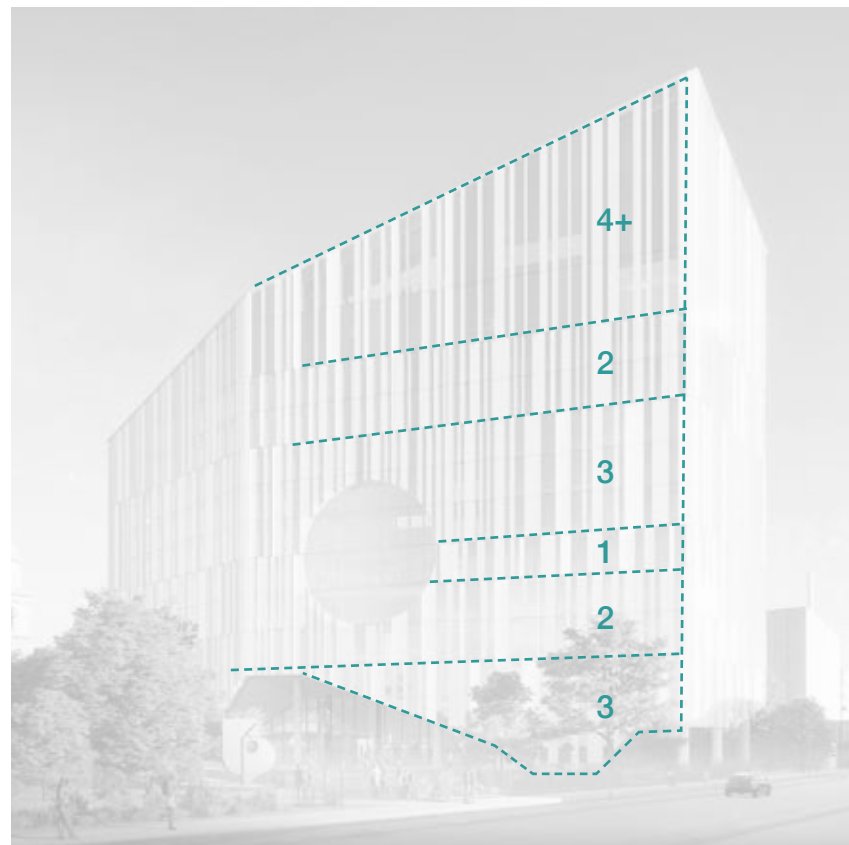
| FACADE

Swathes

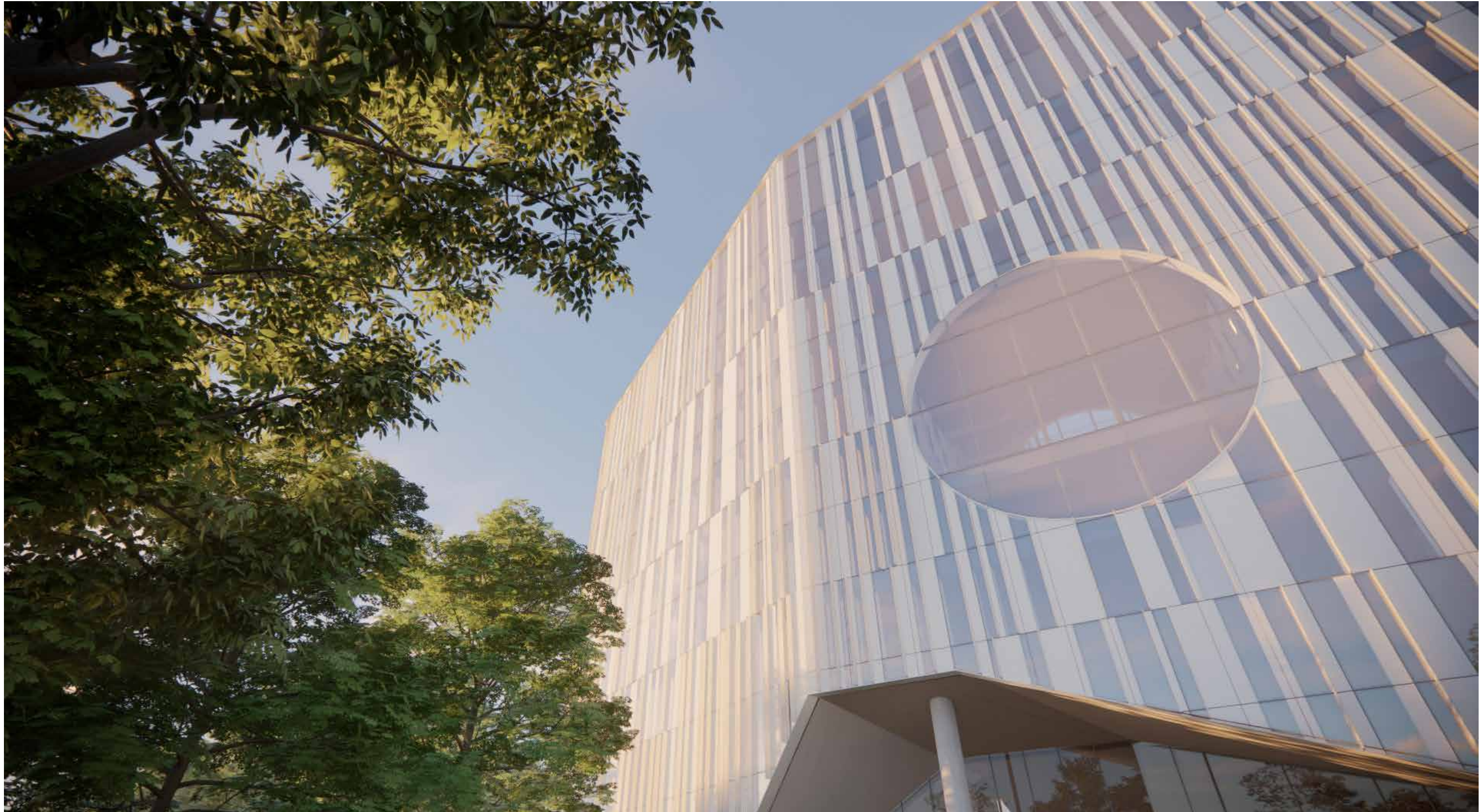
To create a transient appearance, our ambition is to incorporate wide gestures across the facade to disrupt the appearance of a regular grid of office windows. This gesture is abstract and compositional: a swathe effect created by the composition of different panel types.

Banding

We have minimised the sense of horizontal banding by grouping together band of 1, 2, 3 or 4 floors with a unified pattern, as highlighted on the image below. These bands are to be discontinuous around the facade to downplay the horizontality as much as possible.



3 | EXTERNAL ENVELOPE | FACADE



Up angle, northern elevation entrance

3 | EXTERNAL ENVELOPE | FACADE



Principle north elevation distant view

3 | EXTERNAL ENVELOPE | FACADE



Low evening sun angle view from across the park

3 | EXTERNAL ENVELOPE | FACADE



Elevated west elevation

3 | EXTERNAL ENVELOPE

| FACADE



3 | EXTERNAL ENVELOPE

| FACADE

Sample Panel - Observations

A material sample panel has been sent to the University to clarify the preferred material strategy and compare it against the best version of an anodic finish. The samples included in the panel are as follows:

- 1 Ribbed Panel, Clear Anodised Finish
- 2 Matte PPC Finish - Euramax Illumicoat HDP Ultra Matte - White - 2 Layers
- 3 White Anodic PPC Finish - Euramax Euramica PVDF 3L FEVE - Onyx White Silver - 3 Layers
- 4 Glass backing (to compare reflectivity)



3 | EXTERNAL ENVELOPE

| FACADE

Preferred Finish - Matte White PPC

In the following slides, the building has been rendered with the preferred finish solution - Matte white PPC finish on a flat, unprofiled panel.



3 | EXTERNAL ENVELOPE

| FACADE

North-West Elevation



3 | EXTERNAL ENVELOPE | FACADE

East Elevation



3 | EXTERNAL ENVELOPE

| FACADE

South-East Elevation



3 | EXTERNAL ENVELOPE | FACADE

West Elevation





Feilden Clegg Bradley Studios

Feilden Clegg Bradley Studios LLP

BATH

Bath Brewery
Toll Bridge Road
Bath BA1 7DE
T +44 (0)1225 852545

LONDON

Twenty
Tottenham Street
London W1T 4RG
T +44 (0)20 7323 5737

BELFAST

5 Commercial Court
Belfast
BT1 2NB
T +44 (0)28 9099 2760

MANCHESTER

Carver's Warehouse
Lower Ground Floor
77 Dale Street
Manchester M1 2HG
T +44 (0)161 883 2544

EDINBURGH

Studio 2
15a Calton Road
Edinburgh
EH8 8DL
T +44 131 285 7370