

Student Centre  
and  
Dynamic Music Hub



kobw

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UNIVERSITY of LIMERICK  
OLLSCOIL LUIMNIGH

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## 1. Introduction

This project is to look at a brief proposed Student Union Centre in the context of the existing Computer Science Building with the provision of a flat floored venue and dynamic music hub with connectivity to the existing Foundation Building, where new dressing rooms, green rooms, etc. could be located.

There is a separate proposal for a Lime Tree Copse in the shape of a golden section where the first 40 trees represent the first 40 years of the University, with the other trees added each year following the arc of the section to infinity, using the Fibonacci progression of whole numbers.

## 2. Proposals

The proposal is dealt with in the following way:

### 2.1 Computer Science Building

As you will note from the room layouts the Students' Centre brief of space requirements can be accommodated easily into Computer Science Building, with the retail units located at the Ground Floor Level off the main Atrium space, in which it is proposed to locate Juice Bars, a lift, a bridge, and with the existing lecture theatre converted to a Cinema. In turn, the Students' Common Rooms, Society Rooms are located on the First Floor with Administrative Offices, Media Workspaces, etc. on the Second Floor, and a Games Room on the Third Floor.

The accommodation brief is a good fit with the existing Computer Science Building.

### 2.2 Flat Floored Venue and Dynamic Music Hub

A new Reception Area and Entrance Foyer are proposed to the East of the existing Computer Science Building. This contains a Reception Area, Restaurant (with views over the Alumni Copse) together with Toilets in vertical circulation. A Visitors' Centre and gathering space proposed for the North side of the Flat Floored Venue with the PCD Offices overhead. The Dynamic Music Hub / Flat Floored Venue is conceived as a triple-height space with bars and serving areas at the Western end and with the Stage and Storage areas at the Eastern end at Ground Floor Level.

On the Upper Levels there are balconies with the possible location of the DJ Booth on the First Floor. The layout reflects the current thinking on the design on Disco / Hub Venues with multiple levels and the opportunity for different themes in different locations / levels depending on one's taste. The angled Southern wall of the Hub Venue is designed to improve the acoustics and provide a more sympathetic approach to the elevation and treatment. There is also the possibility of opening up the Southern wall space to the grounds to the South of the building with external seating and reception areas. We have indicated a Second Floor Area of balconies which could or should be included but is dependent on funding.

### 2.3 Bridge Connection to the Foundation Building

A bridge connection is indicated between the Hub building and the Foundation Building with a new Foyer, Dressing Room and Green Room. A yard for trucks is indicated to the South end of the Foundation Building with the existing Store Access to the Stage preserved as is.

## 3. Precedent Projects

We have included a number of precedent projects within this which include:

- The O'Reilly Hall, University College Dublin – this is a double-height flat floored venue with different configurations of layout depending on the use required.
- The Forum, University of Hertfordshire - this consists of a building that is closely aligned with the requirements of the brief for the Dynamic Music Hub. It features an entertainment venue forum with a stage and style bar at the other end.
- Munster University Students' Centre, South Dakota – this consists of a entire Students' Centre Building which contains a performance / multi-purpose space which is albeit on a smaller scale.
- Alcatraz Night Club, Milan - this consist of a Night Club Venue in Milan with different areas which provide different forms of entertainment ranging from Discos to Pop Bars to seated areas, etc.

## 4. Building Images

We have produced 3D images of what we consider to be an appropriate expression of the building within the context of the site. Any large flat floored venue / hub venue has the issue of a structure spanning the entire width of the venue and what we are suggesting in this proposal is glue laminated beam structure which can be expressed on the Southern Elevation of the Building, with brick and stone cladding, and copper roofs with glass to the North.



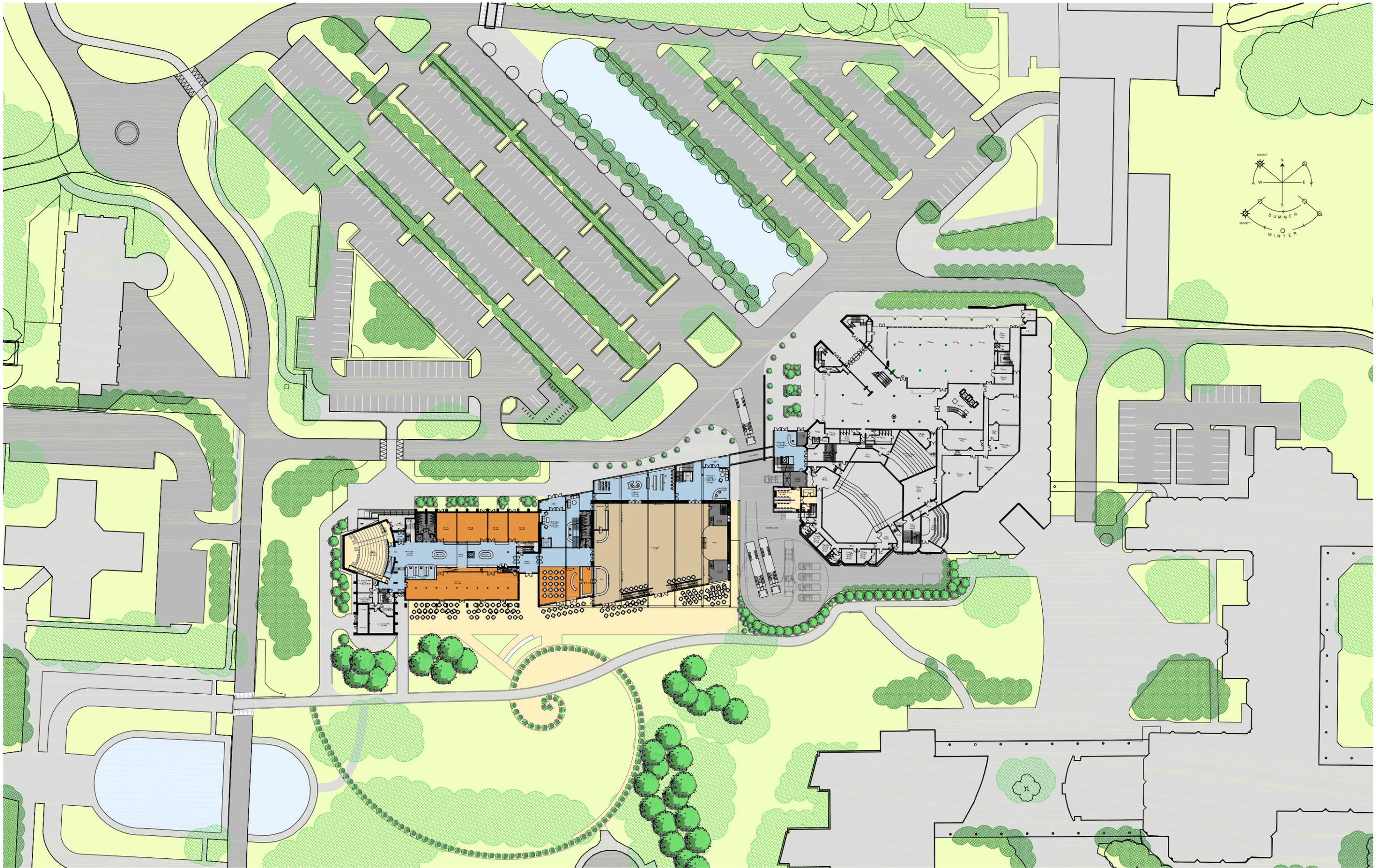
**CS BUILDING**



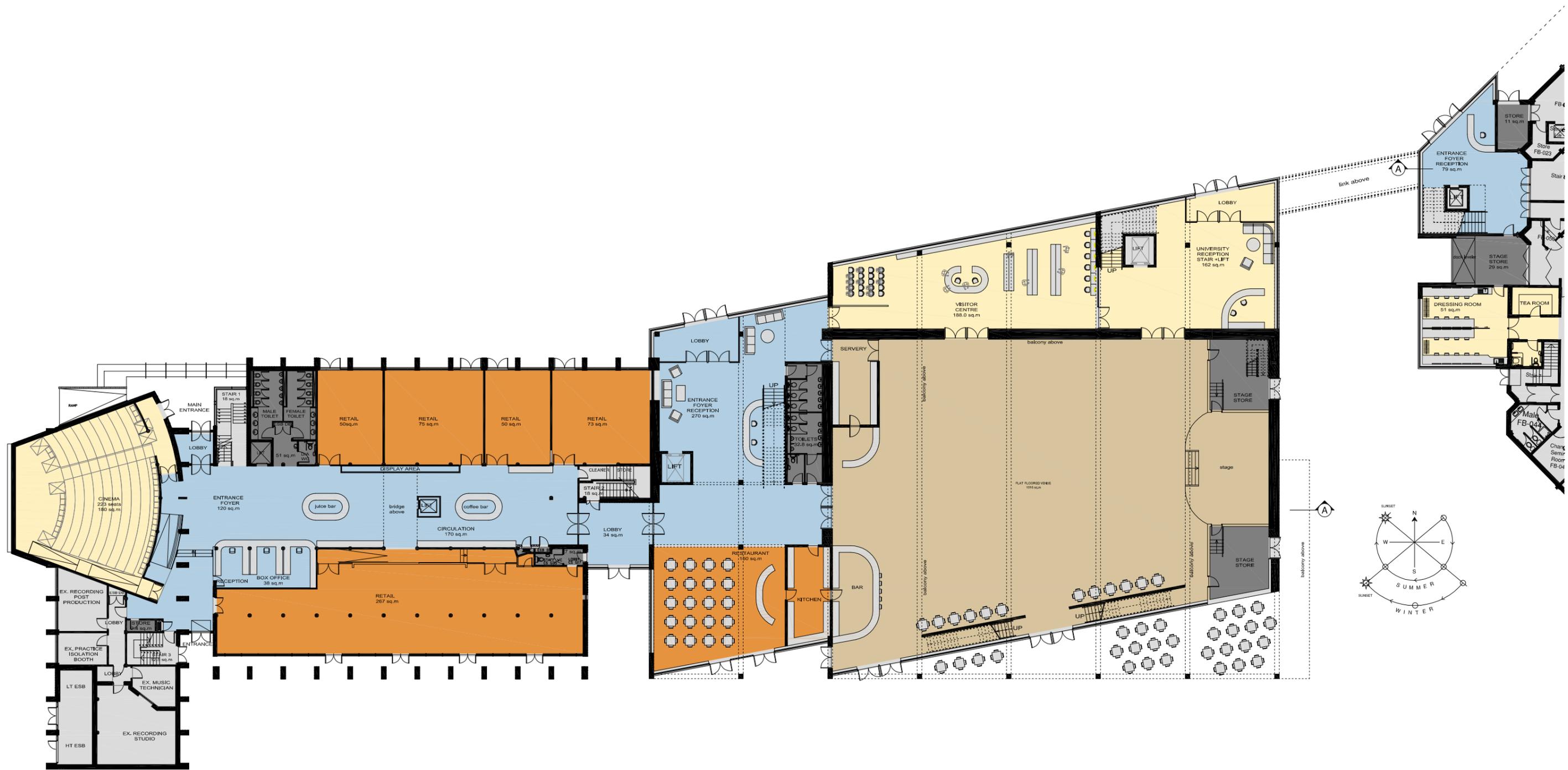
**FOUNDATION BUILDING**



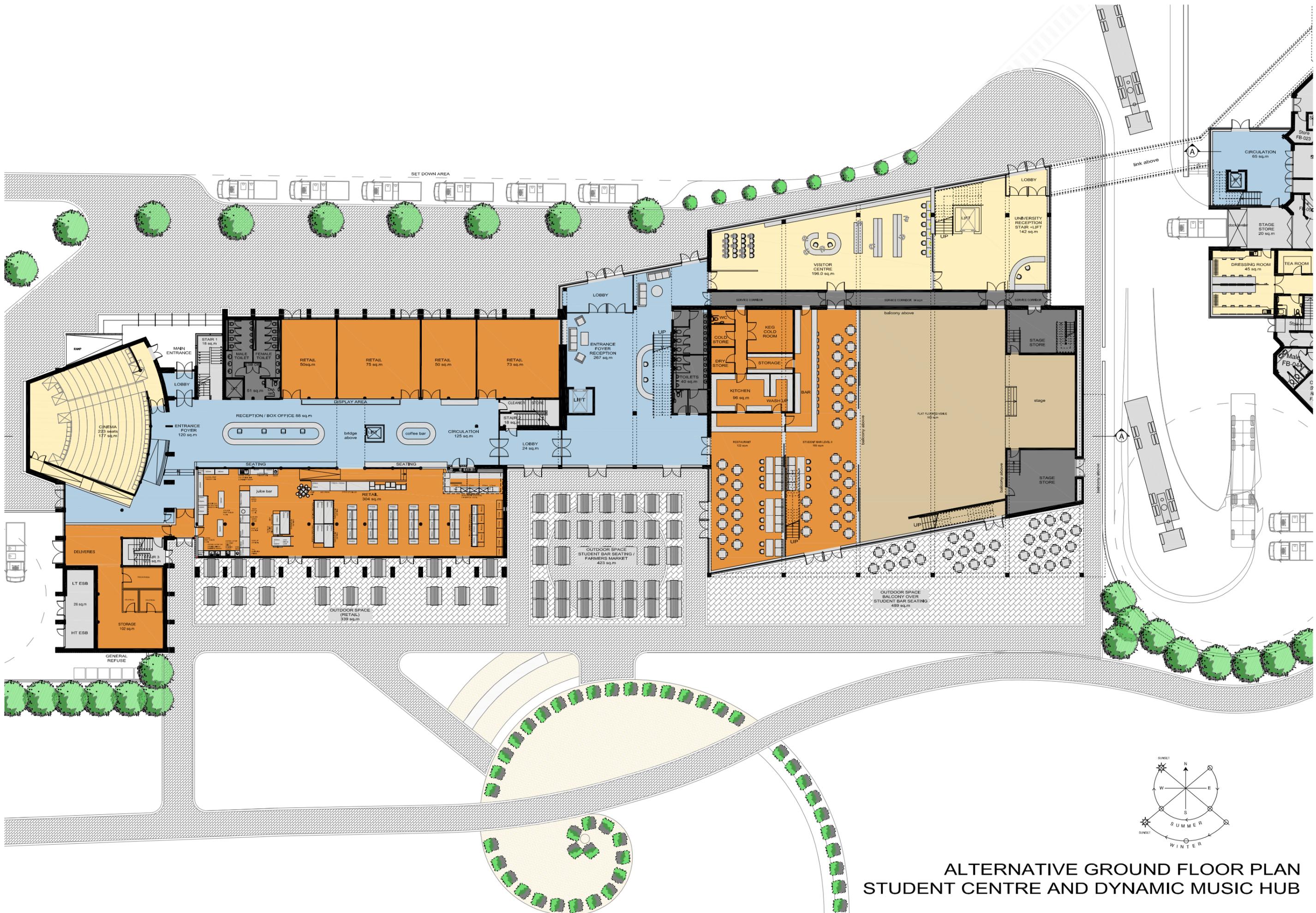
**SITE LOCATION  
STUDENT CENTRE AND DYNAMIC MUSIC HUB**



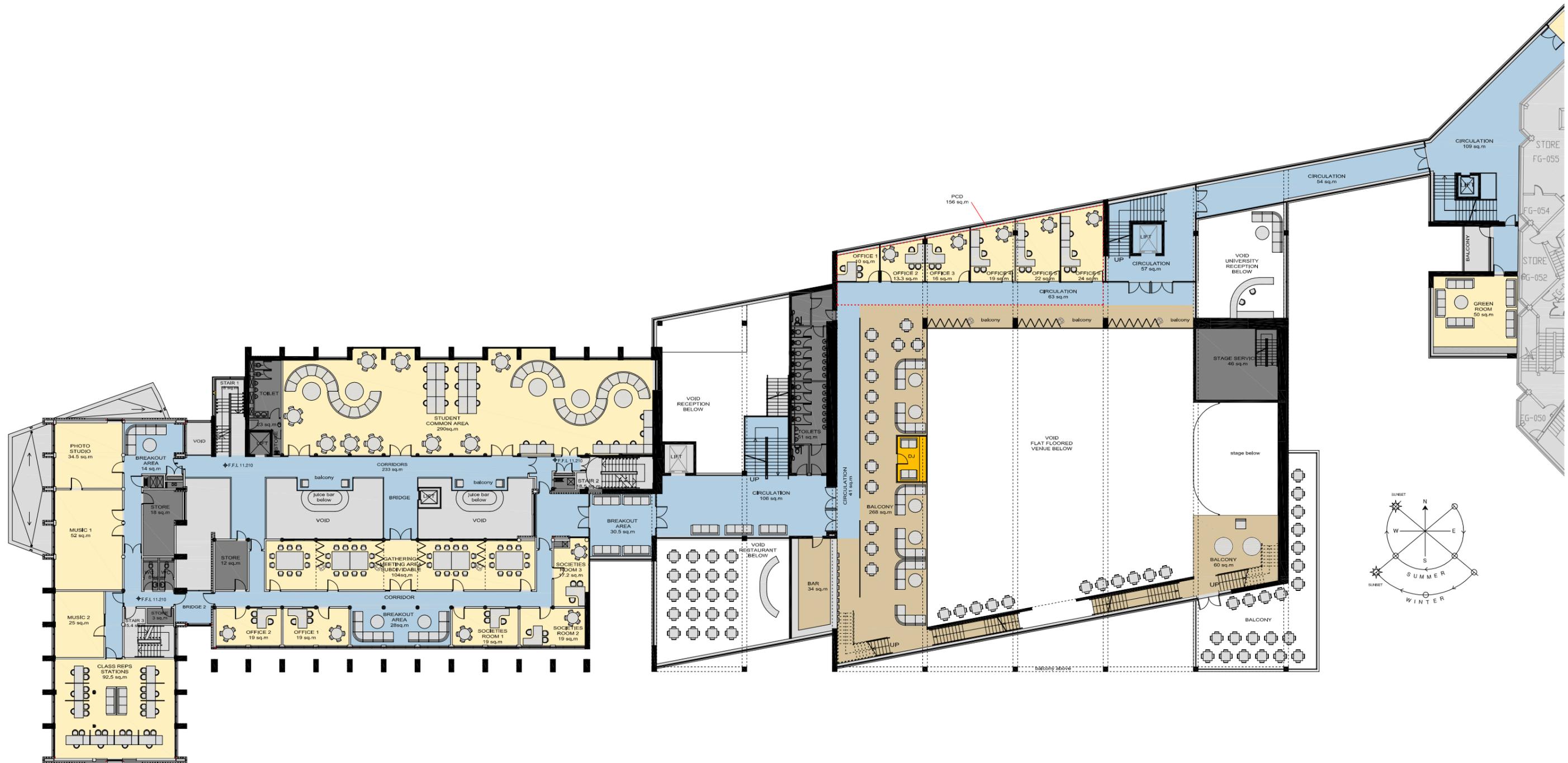
SITE PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB



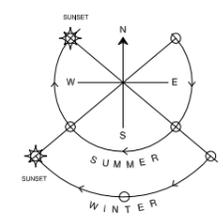
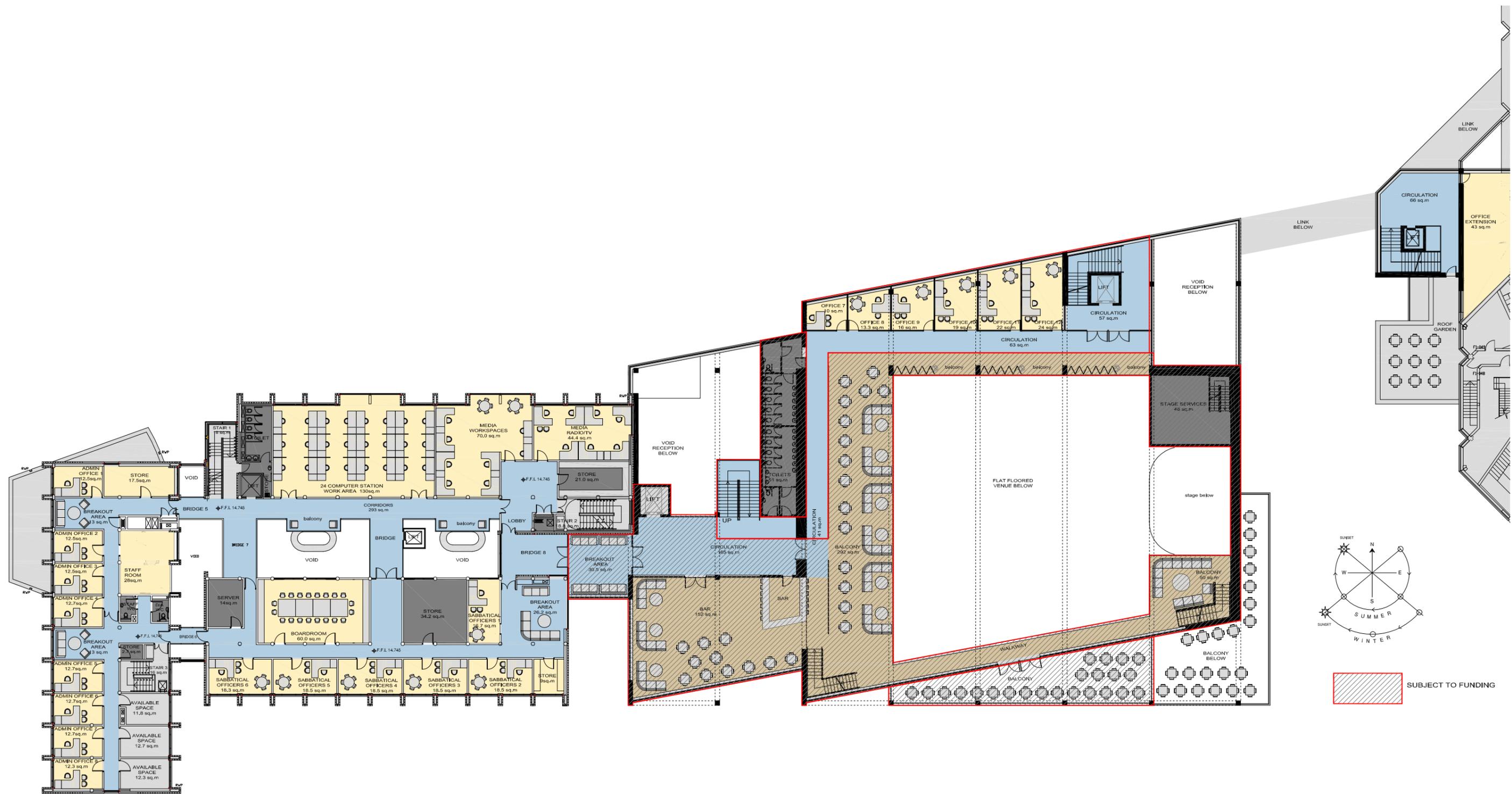
GROUND FLOOR PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB



ALTERNATIVE GROUND FLOOR PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB

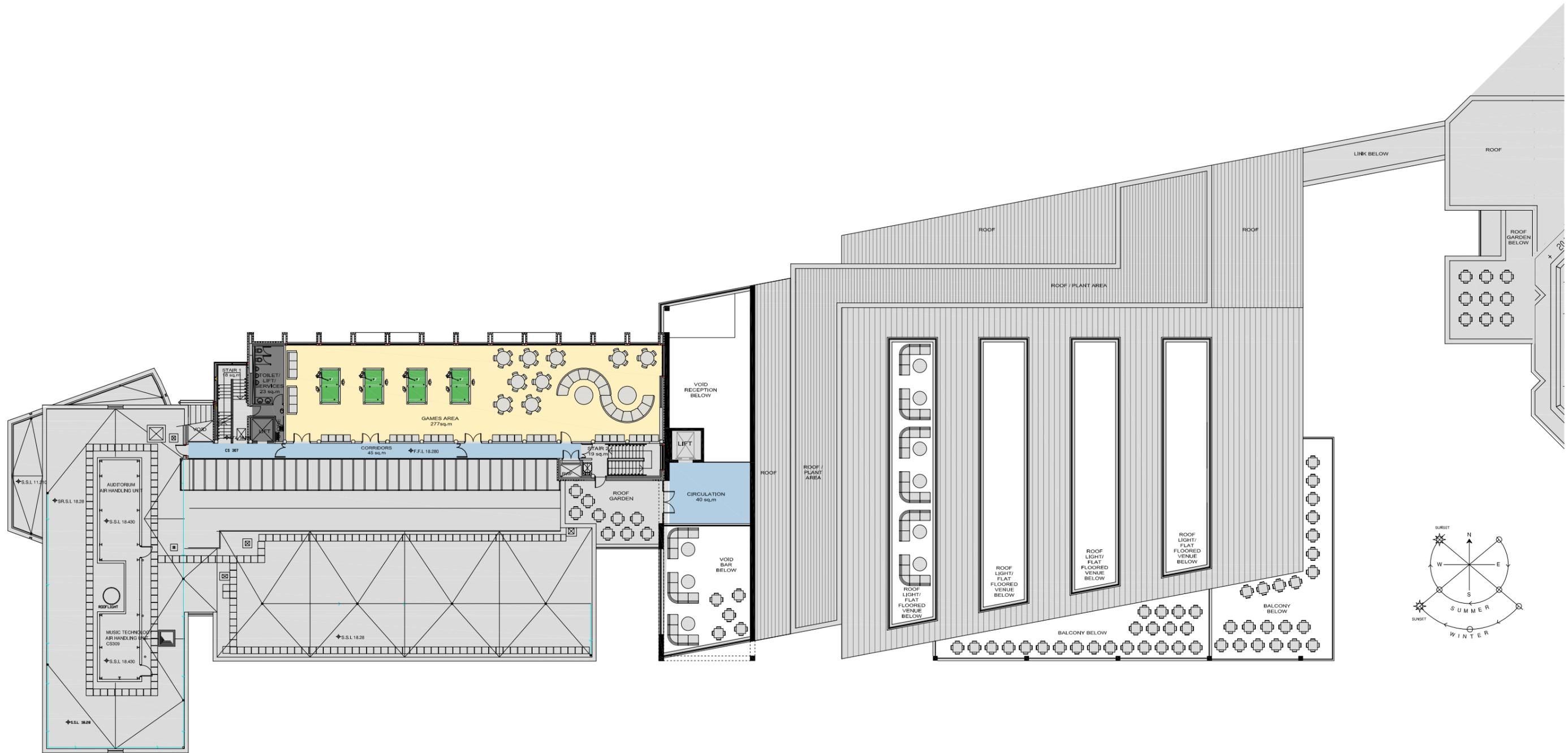


FIRST FLOOR PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB

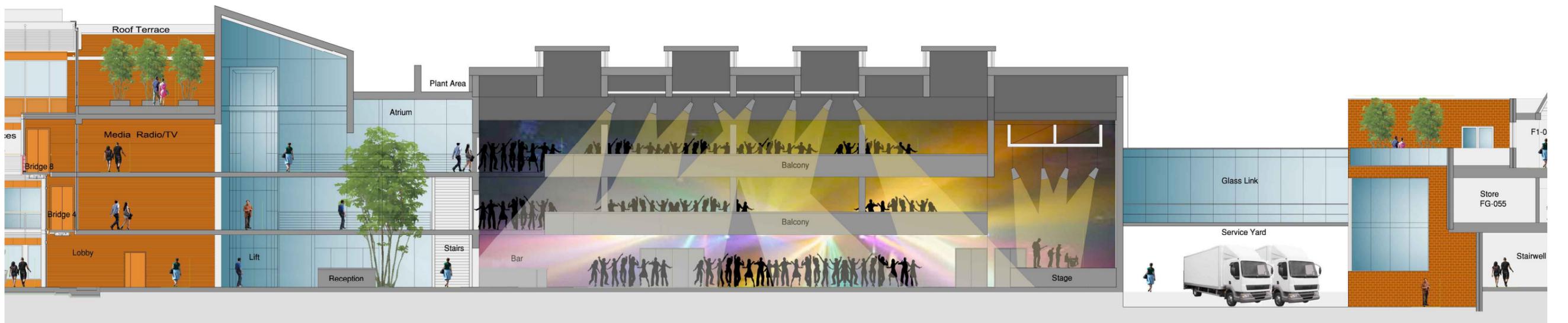


 SUBJECT TO FUNDING

SECOND FLOOR PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB



**THIRD FLOOR PLAN  
STUDENT CENTRE AND DYNAMIC MUSIC HUB**



**SECTION A-A  
STUDENT CENTRE AND DYNAMIC MUSIC HUB**



**IMAGE 1**  
**VIEW FROM SOUTH EAST**



**IMAGE 2**  
**VIEW FROM SOUTH EAST**



**IMAGE 3**  
**VIEW FROM SOUTH WEST**



**IMAGE 4**  
**ENTRANCE FOYER & RECEPTION**



**IMAGE 5**  
**ENTRANCE FOYER & RECEPTION**



**IMAGE 6**  
**VIEW FROM NORTH EAST**



**IMAGE 7**  
**VIEW FROM NORTH WEST**

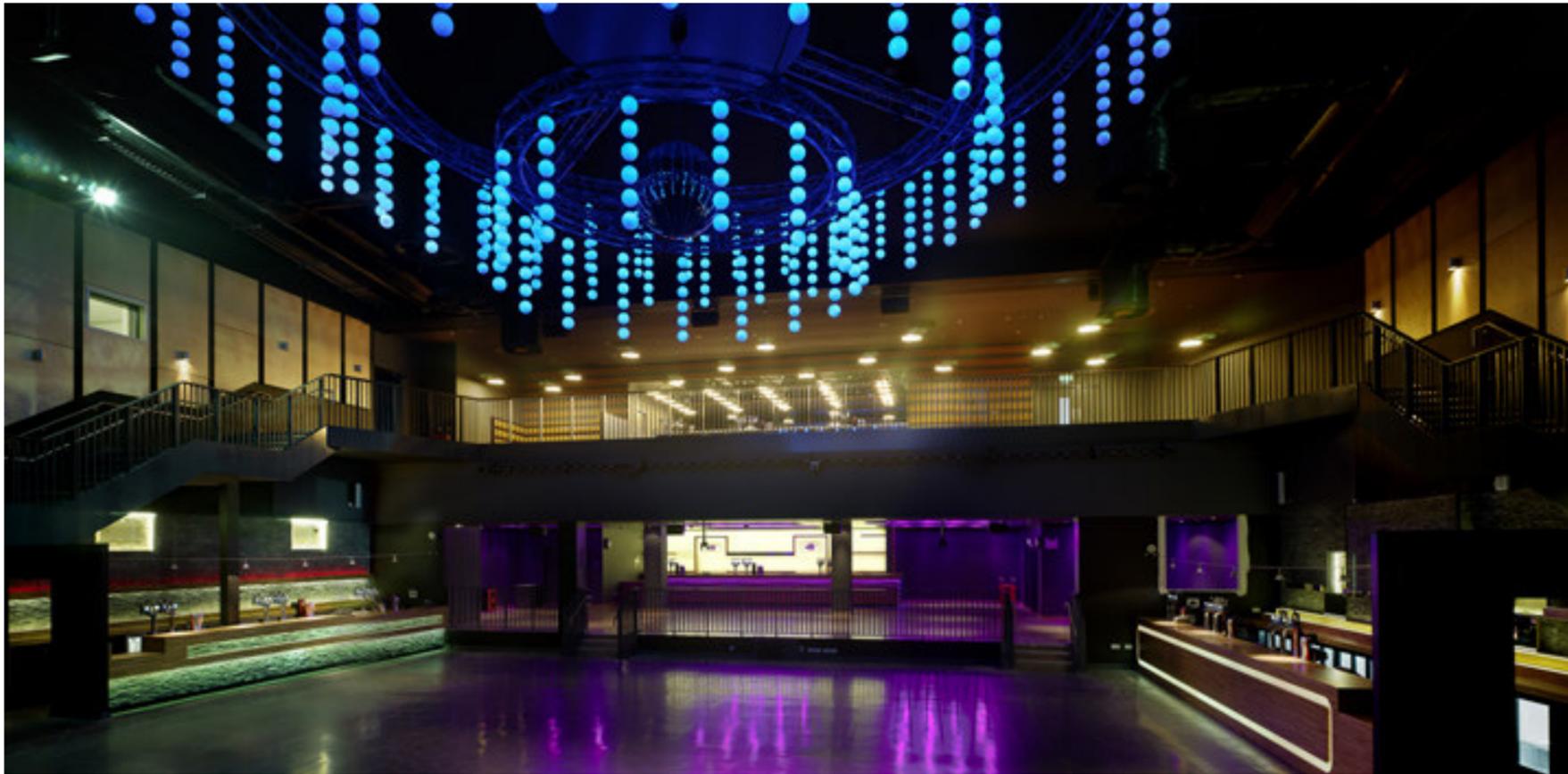


**IMAGE 8**  
**VIEW FROM NORTH WEST**

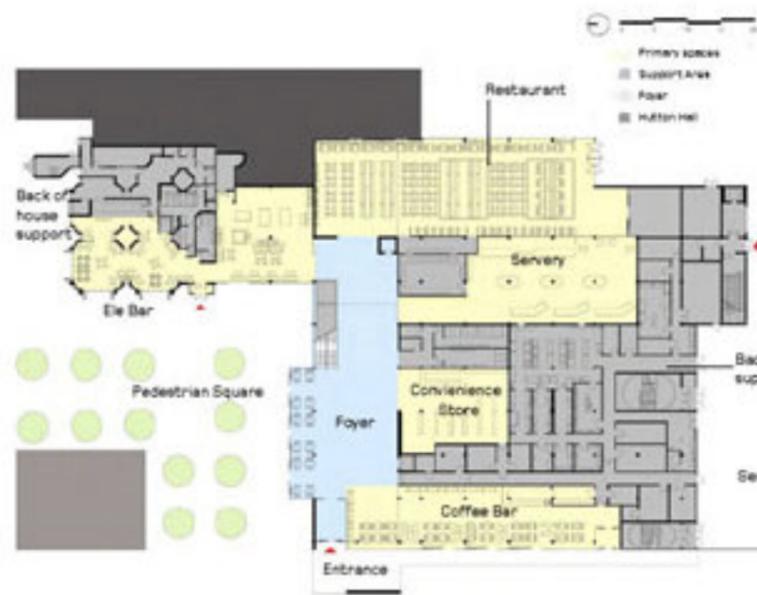


**IMAGE 9**  
**VIEW FROM NORTH EAST**

**PRECEDENT PROJECTS**



**The Forum, University of Hertfordshire**



**Ground Floor**  
Restaurant, Coffee Bar, Convenience Store and Ele Bar



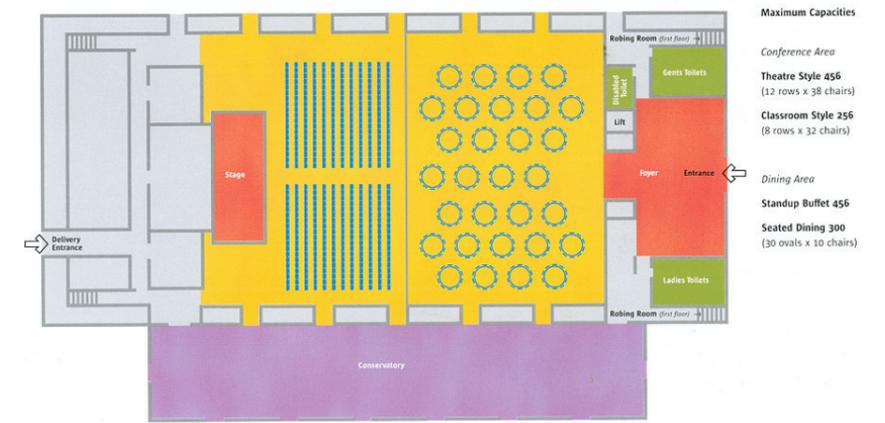
**First Floor**  
2000-Capacity Entertainment Venue incl. Style Bar, Volunteer Centre, Travel, Insurance and Radio Station



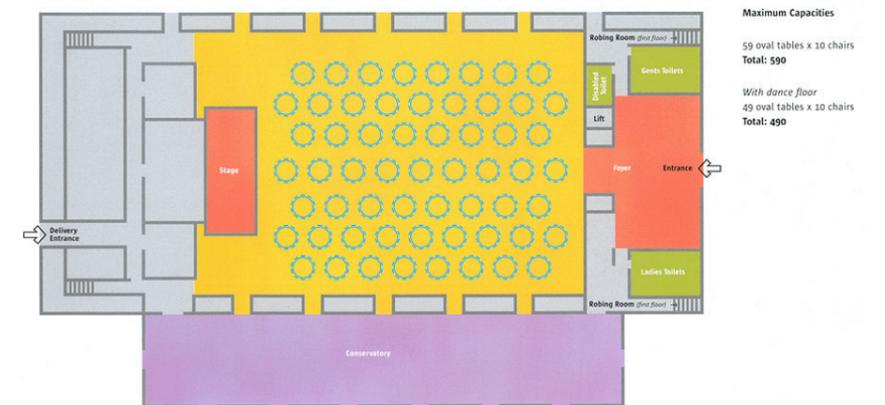
# PRECEDENT PROJECTS



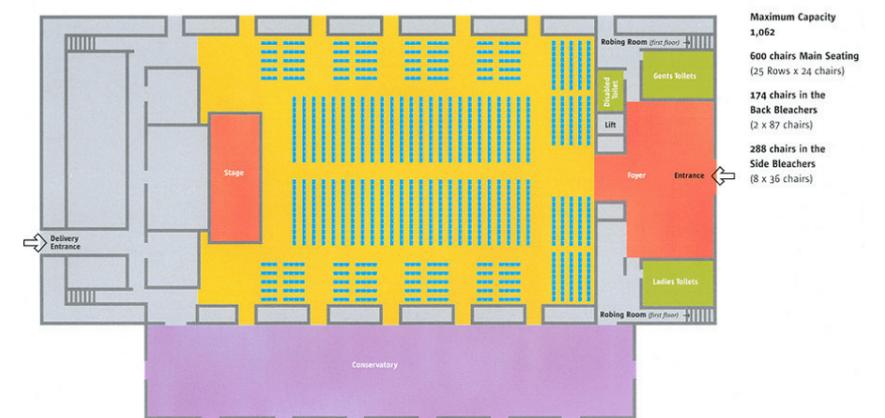
### O'Reilly Hall Conference Layout



### O'Reilly Hall Dining Layout

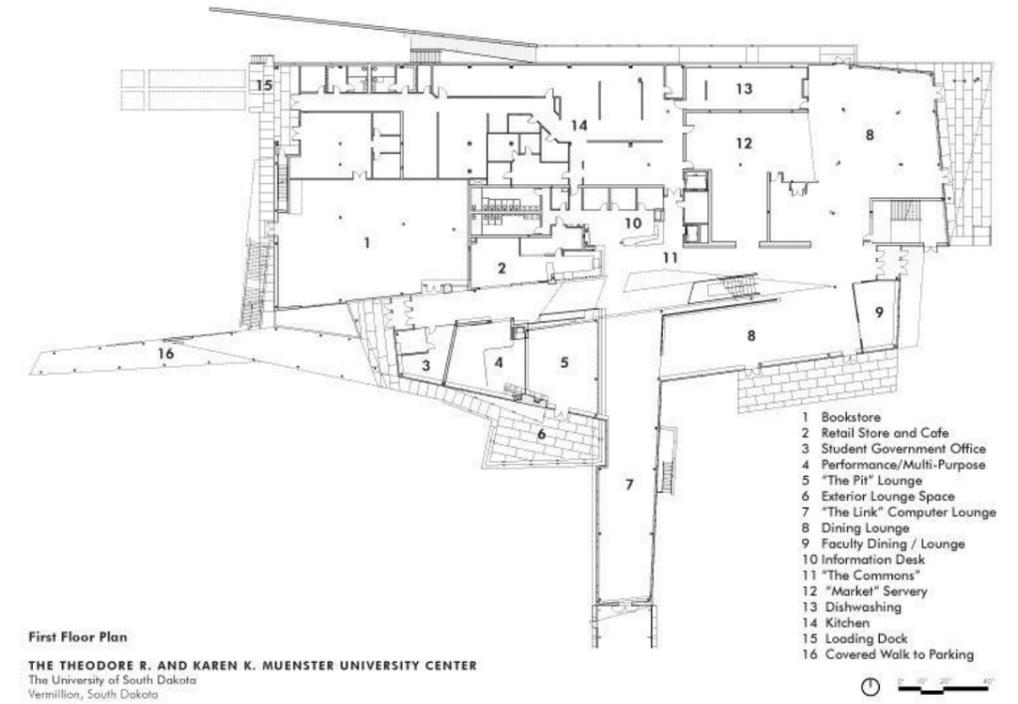


### O'Reilly Hall Theatre Layout



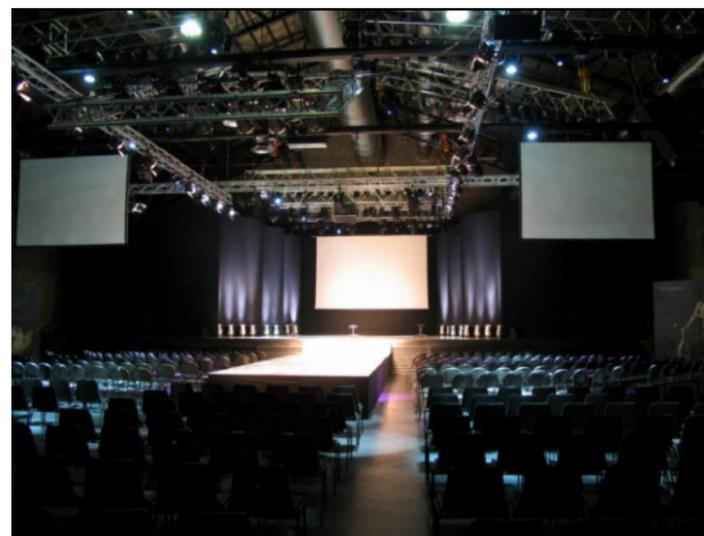
## O'Reilly Hall, University College Dublin

## PRECEDENT PROJECTS



**Muenster University Student Centre, South Dakota**

**PRECEDENT PROJECTS**



**Alcatraz club, Milan**

Description of Accommodation	required area sq.m	KOBW area sq.m
Entrance foyer and reception	120	120
Student Common area	290	290
Break out spaces	200	155
Games area	290	277
<b>Total Entrance / Common areas</b>	<b>900</b>	<b>842</b>
Foyer reception	37	0
Auditorium / cinema	200	180
Gathering / meeting area (subdividable)	125	104
Societies rooms	60	55.2
Photo studio	30	34.5
Music 1	45	52
Music 2	26	25
Box office (2 spaces + foyer reception)	25	37
Display / presentation	20	20
20 computer station work area	120	130
Break out area	20	0
Offices - breakout	45	0
Offices - full time	24	38
Storage	50	73.3
Class reps stations	60	92.5
<b>Total Clubs &amp; Societies</b>	<b>887</b>	<b>841.5</b>
Media workspaces - written	60	70
Media - radio / TV	40	44.4
Store	15	21
Sabbatical officers offices	84	92.3
Admin offices	100	100.6
Boardroom	50	60
Ancillary (staff room, store, server room)	42	59.5
<b>Total Union Facilities</b>	<b>391</b>	<b>447.8</b>
Shops / retail	809	515
Restaurant	177	150
<b>Total Commercial Space</b>	<b>986</b>	<b>665</b>
Student bar / disco bar (Foundation Building)	0	0
Flat floored venue	1200	1016
Dressing room (Foundation Building)	40	50
Green room (Foundation Building)	40	50
Storage	50	40
<b>Total Night Time Venues</b>	<b>1330</b>	<b>1156</b>
University reception / visitor centre	300	350
<b>Total University Reception / Visitor Centre</b>	<b>300</b>	<b>350</b>
<b>Ex. Circulation CS Building</b>		<b>931.4</b>
<b>Circulation new Build</b>		<b>551.5</b>
<b>Circulation extension to Foundation Building</b>		<b>254</b>
<b>Total Circulation</b>		<b>1736.9</b>
<b>Total Area (as per brief)</b>		<b>6039.2</b>
Additional flat floored venue area		
Toilets		83.6
Bar 1-st floor		34
Balcony 1-st floor		328
Stage services 1-st floor		45
Bar 2-nd floor		0
Balcony 2-nd floor		0
Stage services 2-nd floor		0
Additional PCD offices in new building		156
<b>Total Additional Flat Floored Venue Area</b>		<b>646.6</b>
<b>TOTAL AREAS</b>		<b>6685.8</b>
Circulation new Build		356.5
Toilets		51
Bar 2-nd floor		152
Balcony 2-nd floor		342
Stage services 2-nd floor		45
Additional PCD offices in new building		156
<b>Total Area Subject To Funding</b>		<b>1102.5</b>