

# Farnborough Culture & Leisure Hub and Mobility Hub

## *Design Update*

19/09/23 - First Issue



Hampshire  
County Council



Project Number: 23013  
Produced by: SSe  
Checked by: SDu



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# History & Locality

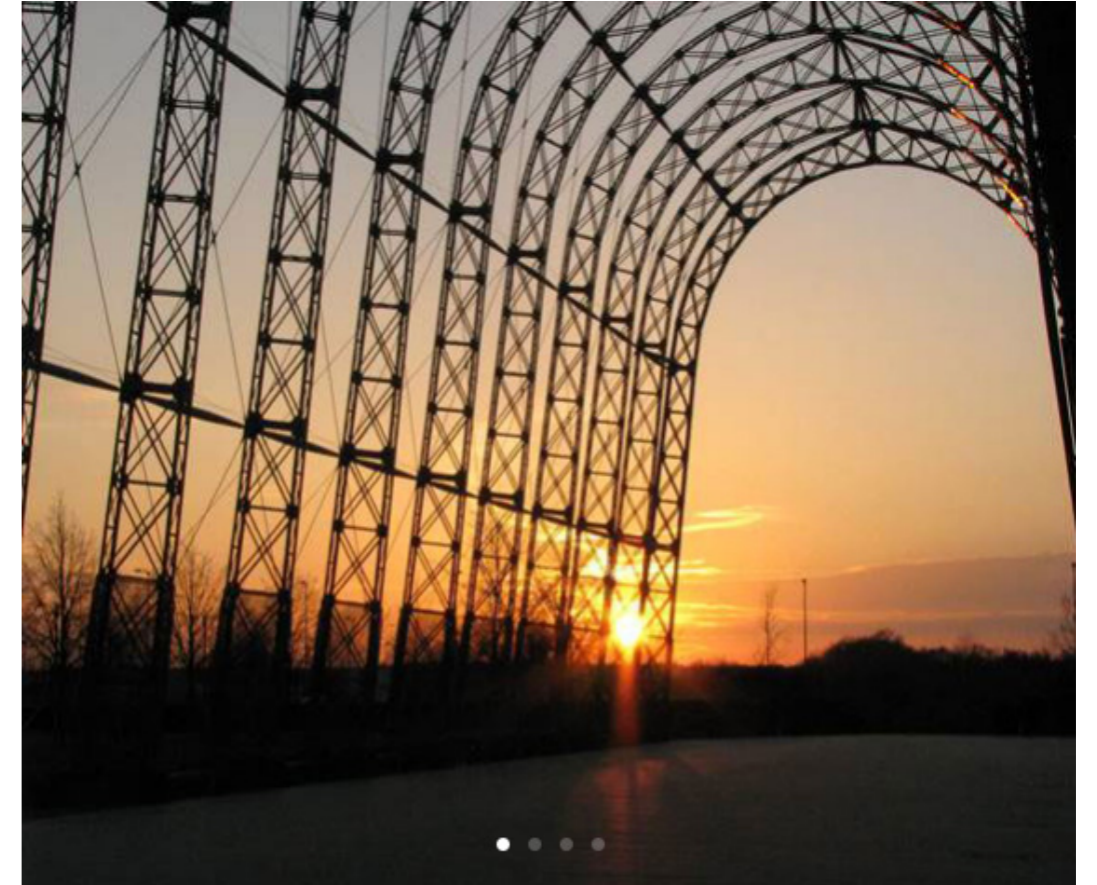
*Aviation Technology*

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*Flight*  
*Motion*  
*Speed*  
*Innovation*  
*Breaking Barriers*

*World Firsts*  
*Engineering*  
*Technology*  
*Defence*  
*Military*

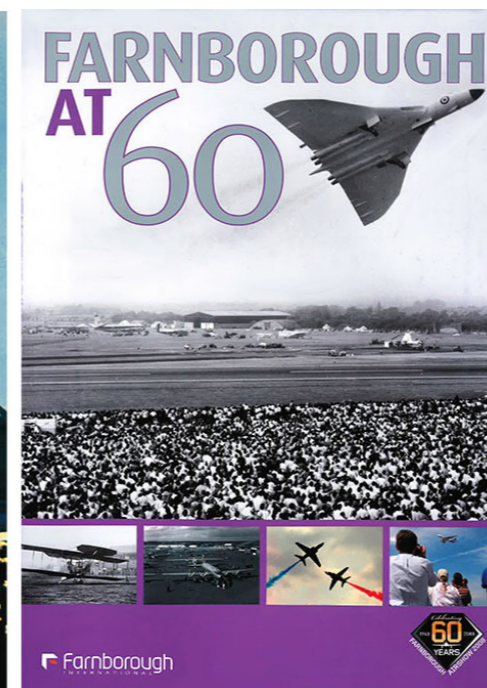
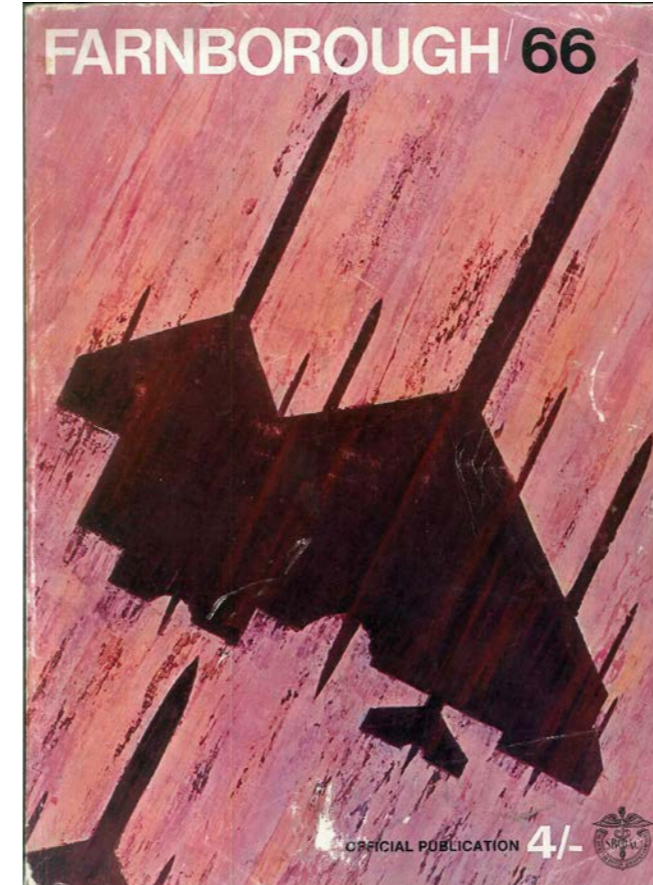
*Pushing Boundaries*  
*Invention*  
*No limits*  
*Kinetic*  
*Vapour Trails*





# History & Locality

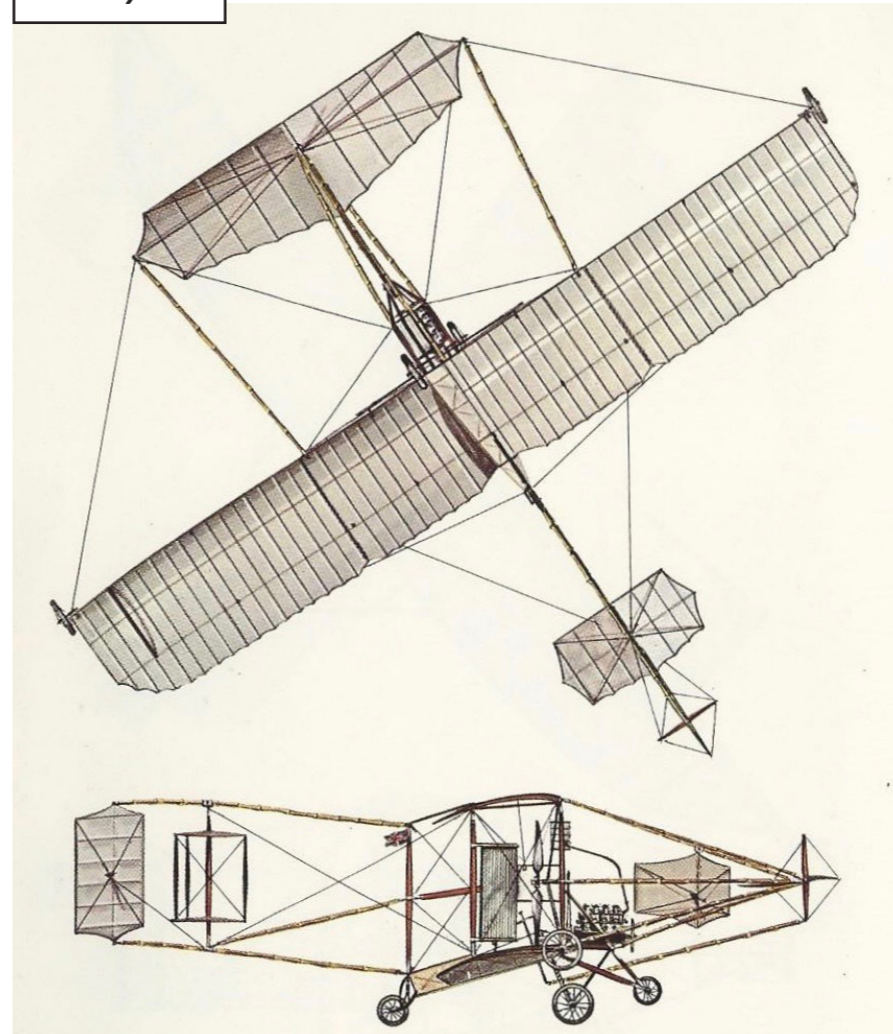
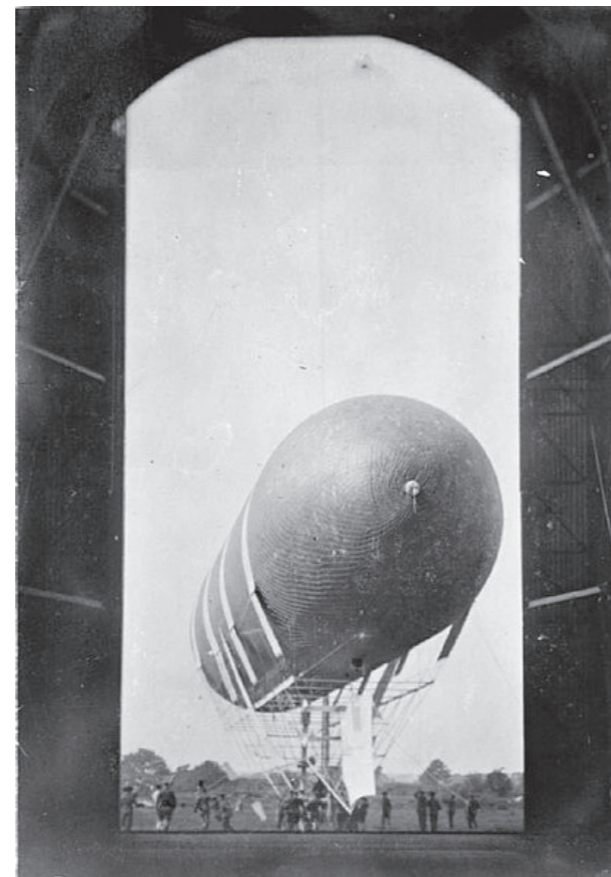
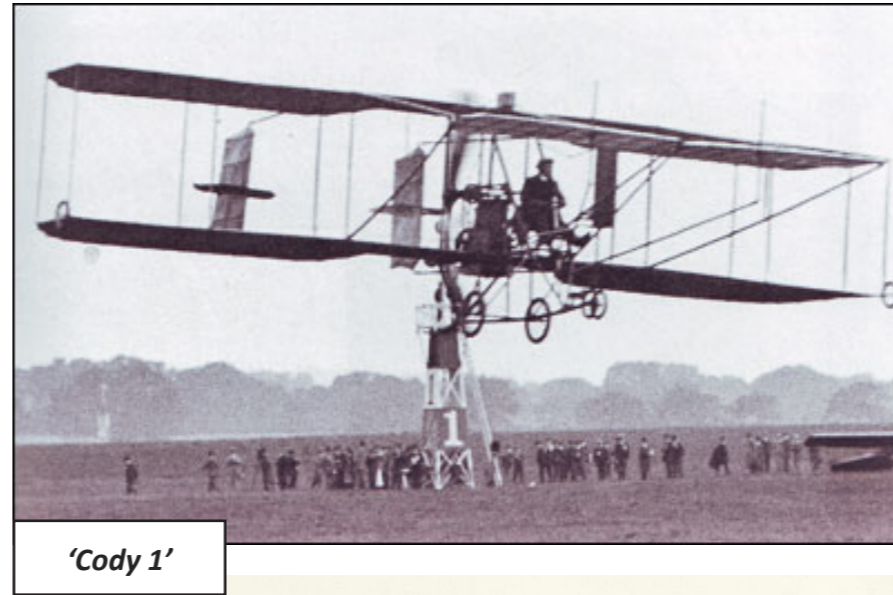
*Farnborough Air Show*





# History & Locality

## Flight





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# History & Locality

## *Supersonic*

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**Thrust SSC - 1997 - First land vehicle to break the sound barrier**

**World Land Speed Record**



**Test at Farnborough**

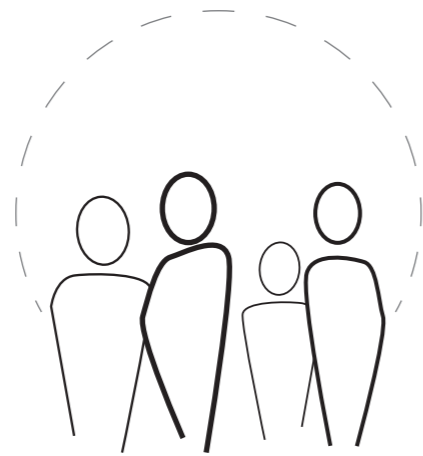




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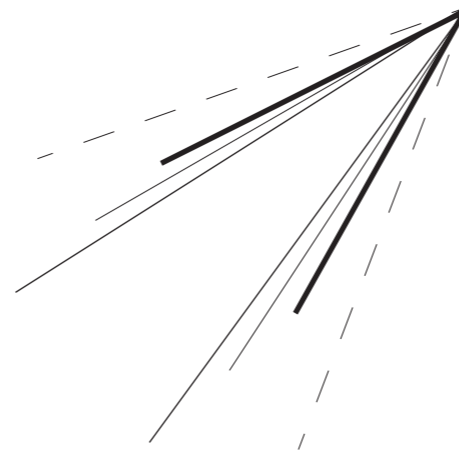
# Key Themes

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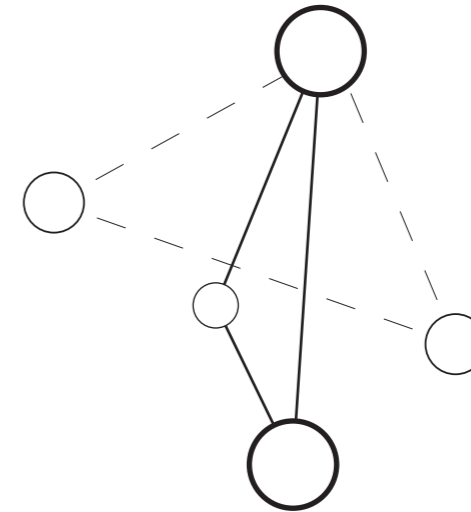
## **Community Cohesion**

A space for the community first  
Aiming to increase the participation of people across Farnborough in Culture & Leisure Activities



## **A Pioneer**

The first building on the masterplan  
Setting ambitions for sustainability  
A base for innovation in Arts & Culture  
Building on Farnborough's history of innovation and inventive spirit



## **Integrated Sustainability**

FCLH as a key part of the wider routes and destinations in Farnborough  
A sustainable building, designed to suit the needs of the community for the future  
Low operational carbon

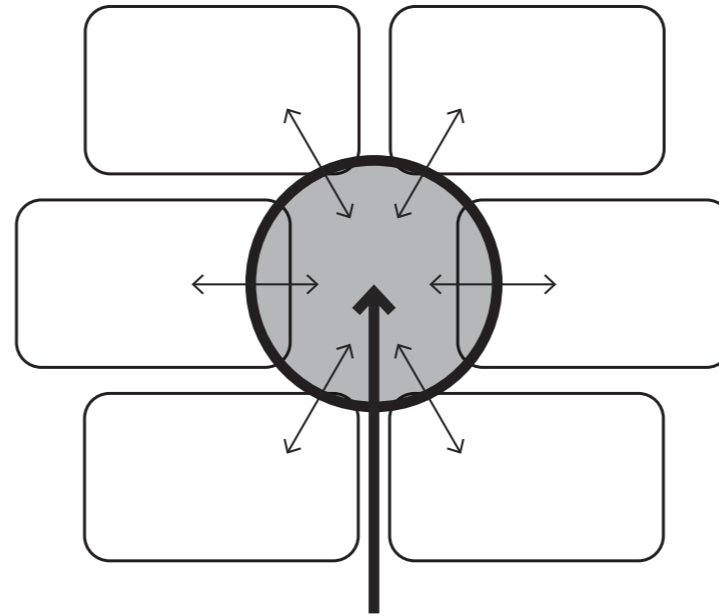


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# Concept

## *The Courtyard*

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## The Courtyard

Centralised cafe & atrium  
Visibility across and between spaces  
*'If I can see, I can do' ethos*

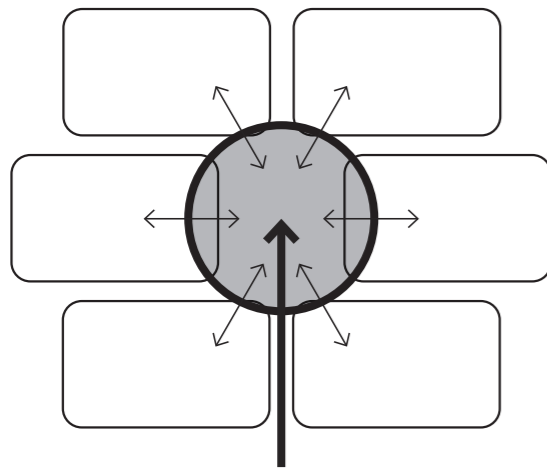


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# Strategic Moves

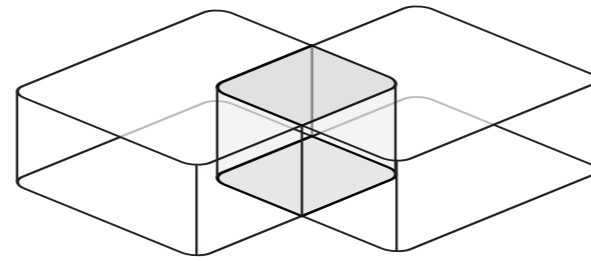
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*The 'Courtyard'*



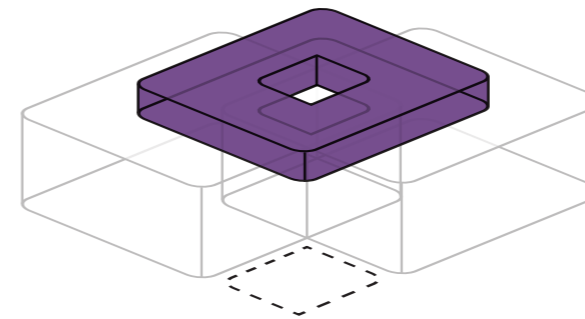
Organise the spaces around a courtyard to maximise visibility and access between spaces

*Intersect & Overlap*



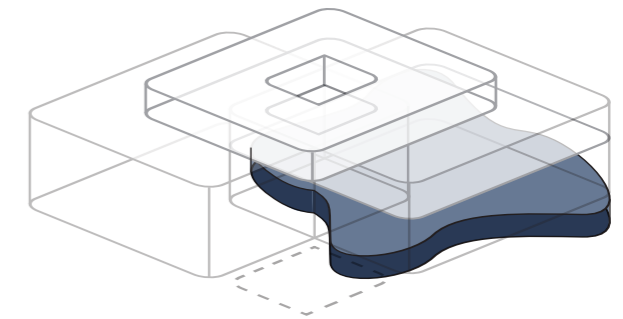
Intersect and overlap large volume spaces to create an active atrium space where people interact and intergrate

*Halo*



Top with a 'Halo' to provide a beacon to the building and frame the entrance

*Cultural Identity*



Culture & Library to 'break away from mould' and provide an active street-scape



# Brief Development

## Updated Accommodation Schedule

The accommodation schedule has been updated to reflect the revised areas developed during the engagement process.

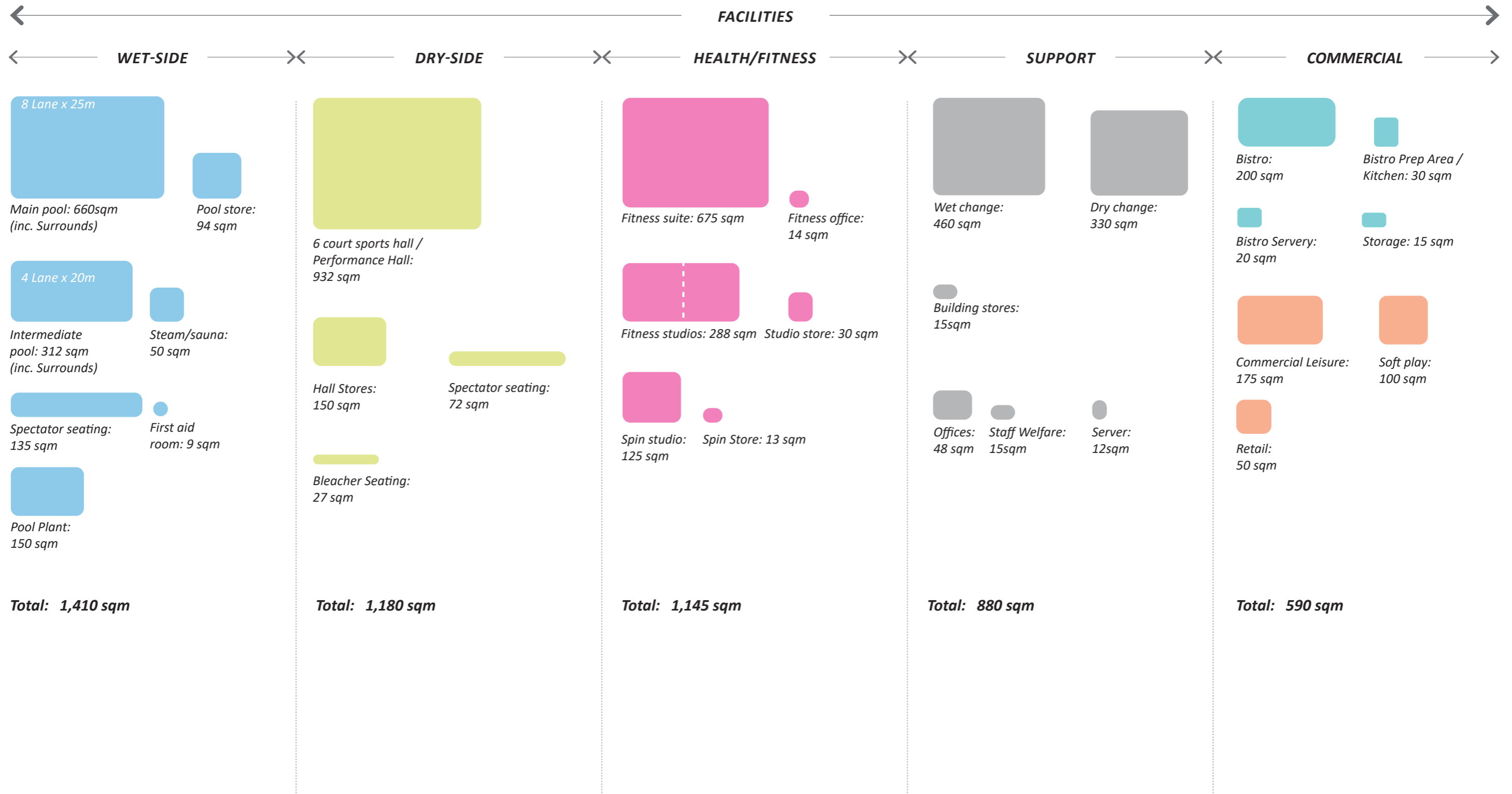
Service	Category	Proposed Area (sqm)
Leisure	Wet	1,410
Leisure	Dry	1,180
Leisure	Health / Fitness	1,145
Leisure	Support	880
Leisure	Commercial	275
<b>Total Net Area</b>		<b>4,890</b>
Leisure	Circulation & Partitions	636
<b>Total Gross Area LEISURE</b>		<b>5,526</b>
Library	Library	663
Library	Community	140
Library	Partner Space	0
Library	Support	38
<b>Total Net Area</b>		<b>841</b>
Library & Comm	Circulation & Partitions	109
<b>Total Gross Area LIBRARY &amp; COMMUNITY</b>		<b>950</b>
Culture	Public Access	370
Culture	Artist Space	104
Culture	Support	36
<b>Total Net Area</b>		<b>510</b>
Culture	Circulation & Partitions	66
<b>Total Gross Area CULTURE</b>		<b>576</b>
Shared (L&C)	Shared Public Spaces	50
Shared (L&C)	Shared Support	65
<b>Total Net Area</b>		<b>115</b>
Shared (L&C)	Circulation & Partitions	15
<b>Total Gross Area SHARED LIBRARY &amp; CULTURE</b>		<b>130</b>
Shared	Café	265
Shared	Retail	50
Shared	Support	138
<b>Total Net Area</b>		<b>453</b>
Shared	Circulation & Partitions	59
<b>Total Gross Area SHARED WHOLE BUILDING</b>		<b>512</b>
Office	Office	1,780
<b>Total Net Area</b>		<b>1,780</b>
Shared (L&C)	Circulation & Partitions	231
<b>Total Gross Area SHARED LIBRARY &amp; CULTURE</b>		<b>2,011</b>
Shared	Plant	250
<b>Total Development Area</b>		<b>9,956</b>



# Brief Development

## Updated Graphic Brief

Area totals shown are net figures. Circulation and partitions % are added to generate a gross figure.



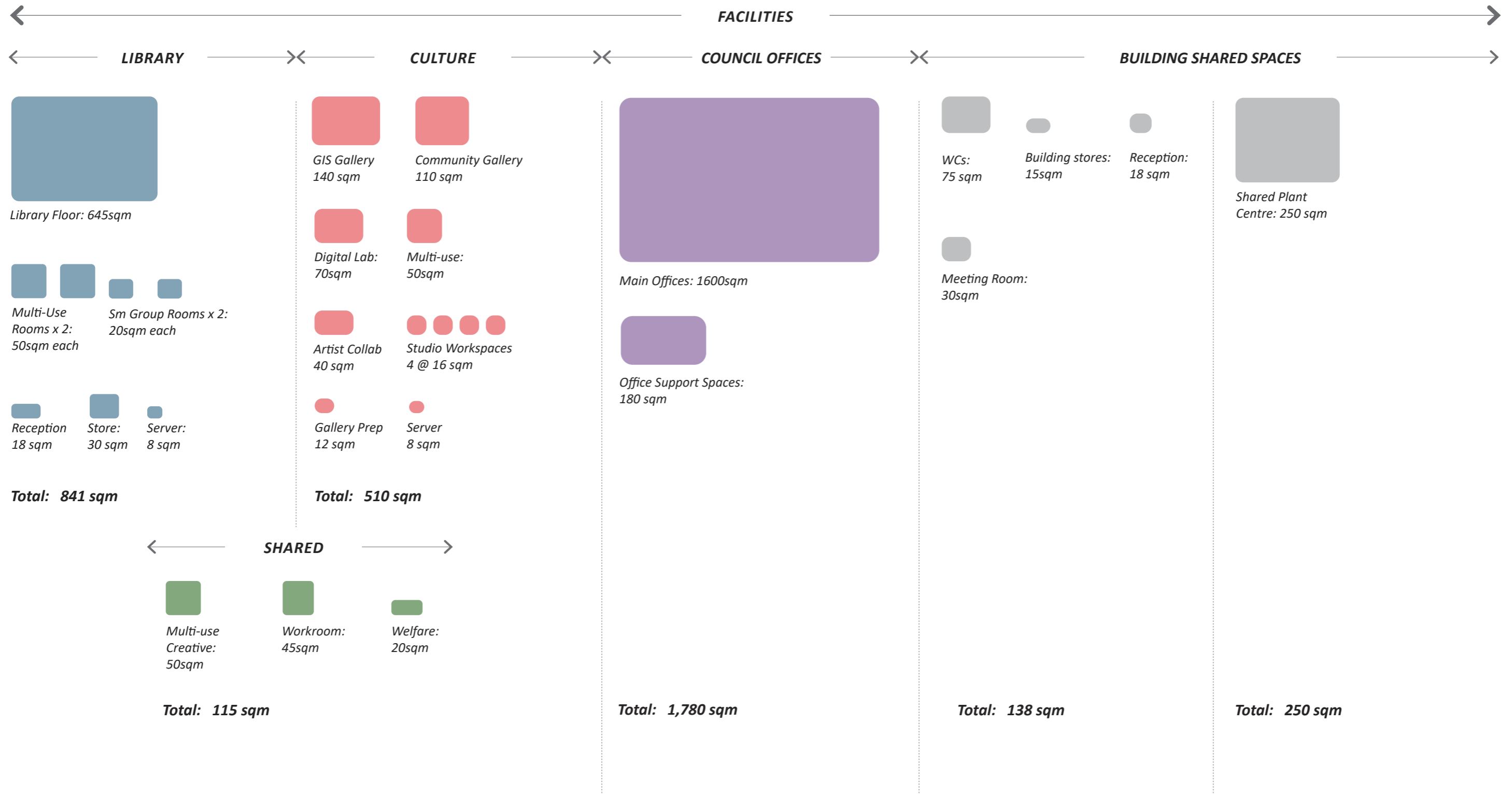
Note:  
 • All areas are approximate only



# Brief Development

## Updated Graphic Brief

Area totals shown are net figures. Circulation and partitions % are added to generate a gross figure.



Note:  
 • All areas are approximate only



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# Massing Development

## *Model Testing*

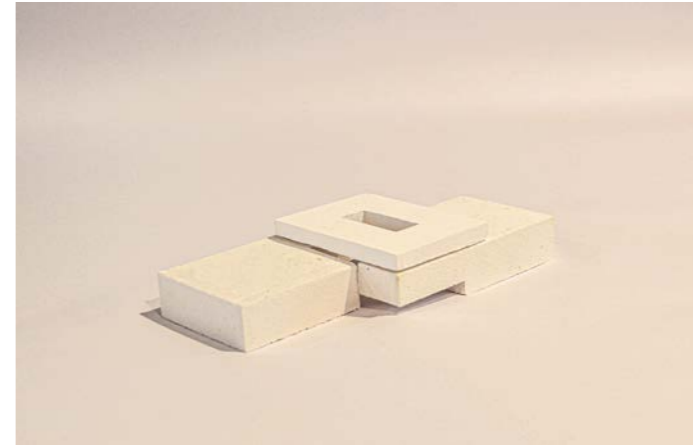
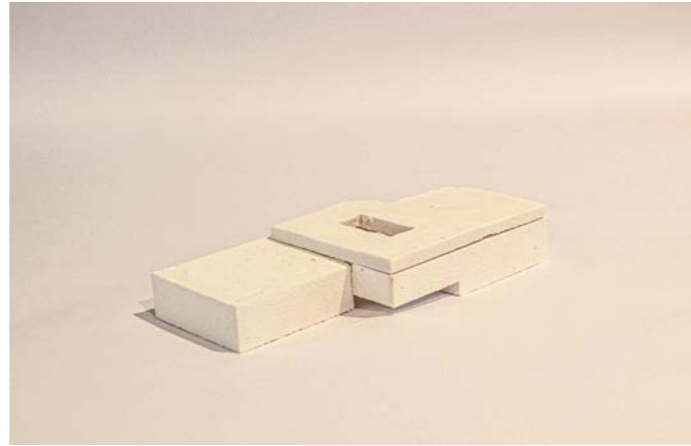
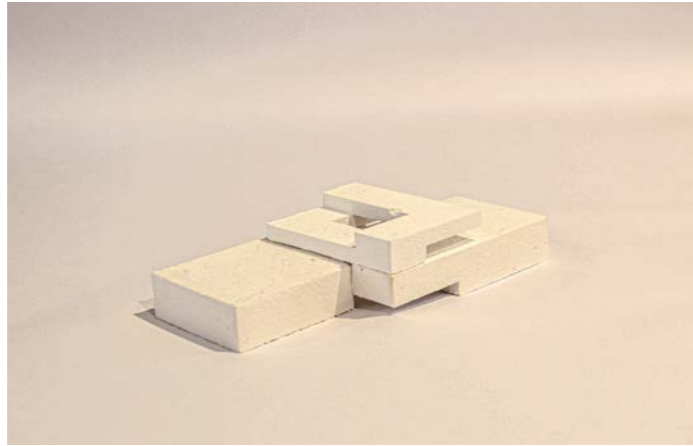
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A

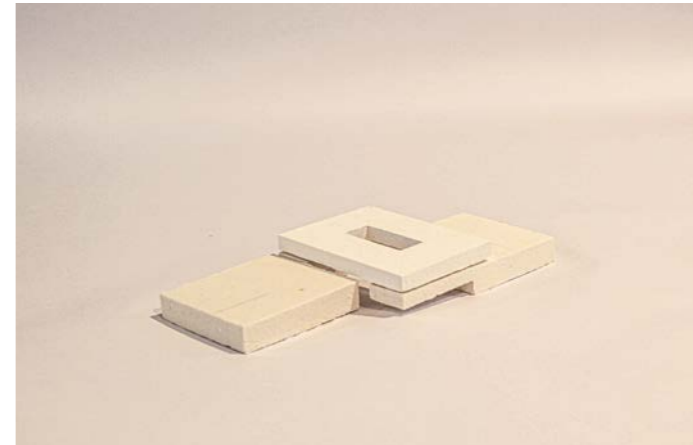
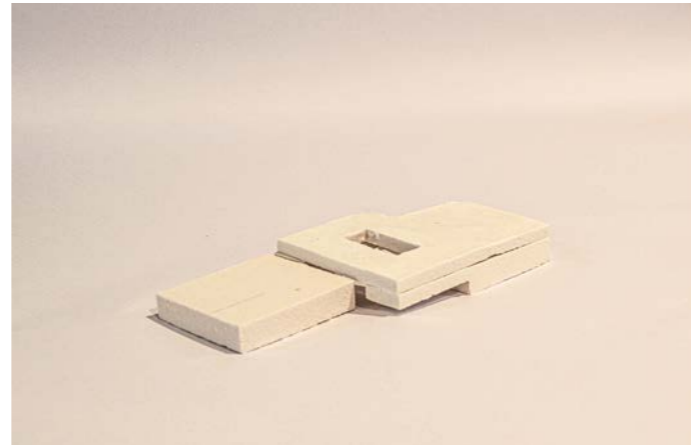
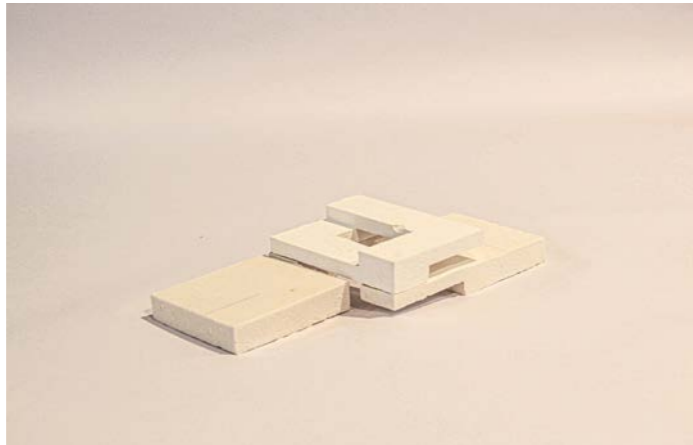
B

C

Option 1



Option 2

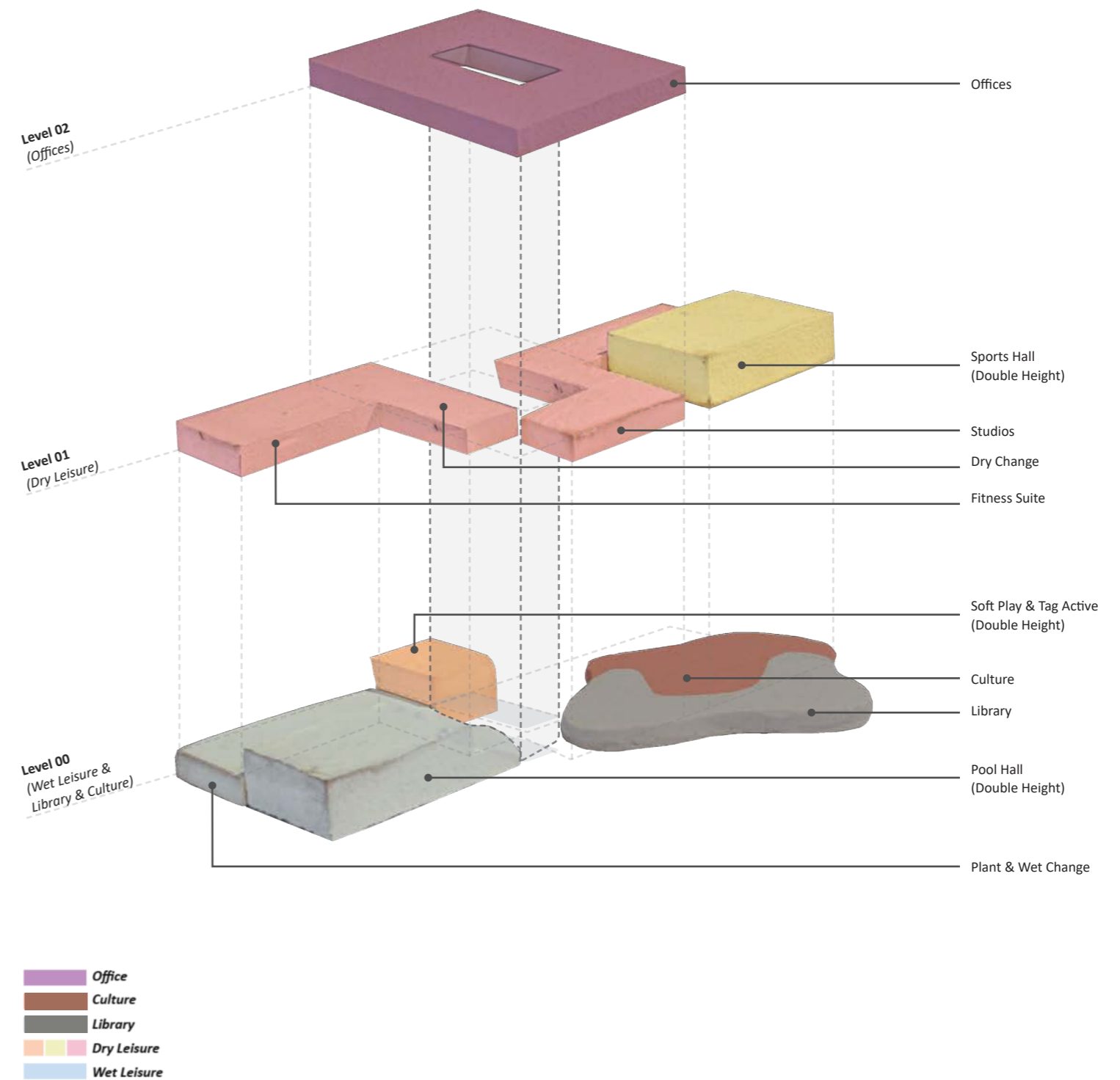


Option 3



# Massing Development

## Preferred Option (3C)

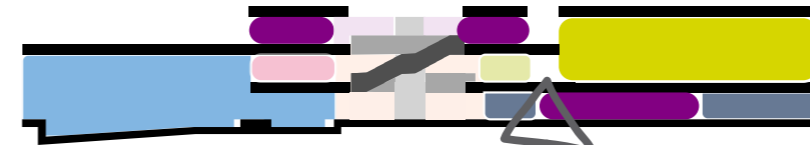




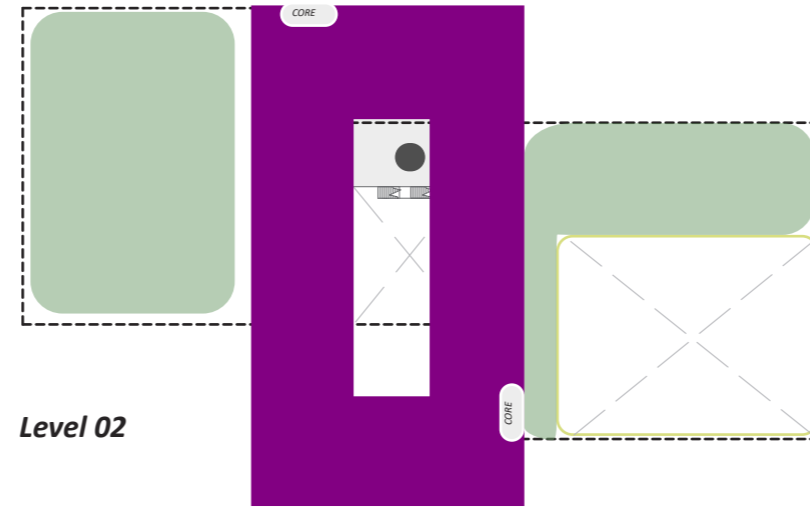
# Layout

## Plan Update / Summary

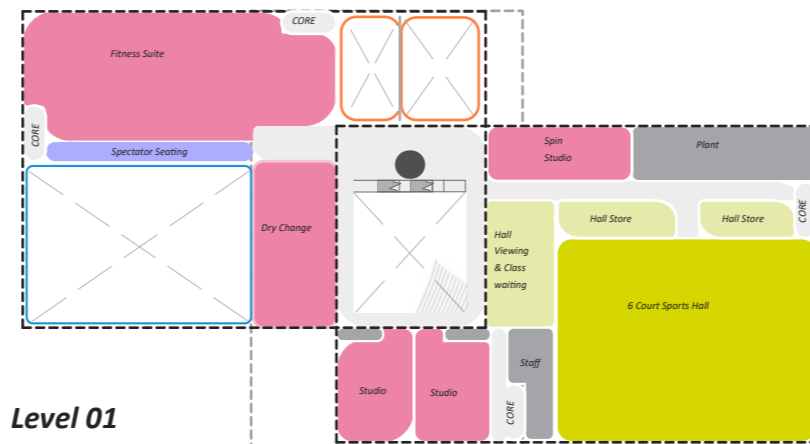
To help break down and delineate the forms of the 'Halo' from the Sports Hall, the Sports Hall has been detached from the Halo and moved roughly 6m (1 structural bay) further to the East



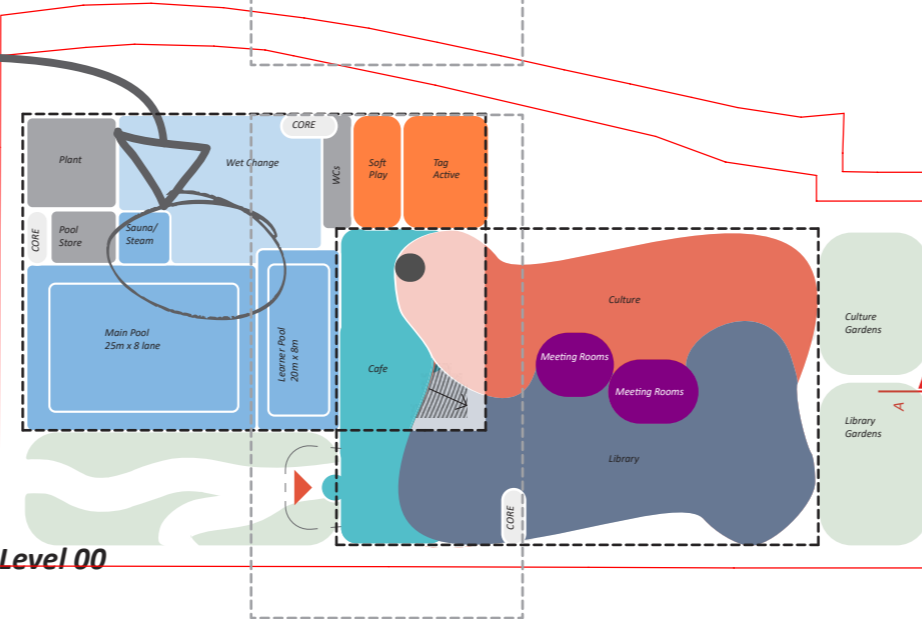
Section AA



Level 02



Level 01



Level 00

To help ensure the Cultural & Library community do not feel 'shoe horned into a leisure shaped box', the Cultural and Library block has been sculpted into an organic, expressive form that breaks the leisure mould and provides a distinct identity for the people who use the arts and library spaces.



Following design team workshops it was agreed a localised basement circa 200m<sup>2</sup> located beneath the wet changing village is to be provided for the pool plant to optimise filtration entry points to both the main pool and intermediate pool.

- Office
- Culture
- Library
- Dry Leisure
- Wet Leisure



# Layout

## Site Plan





# Layout

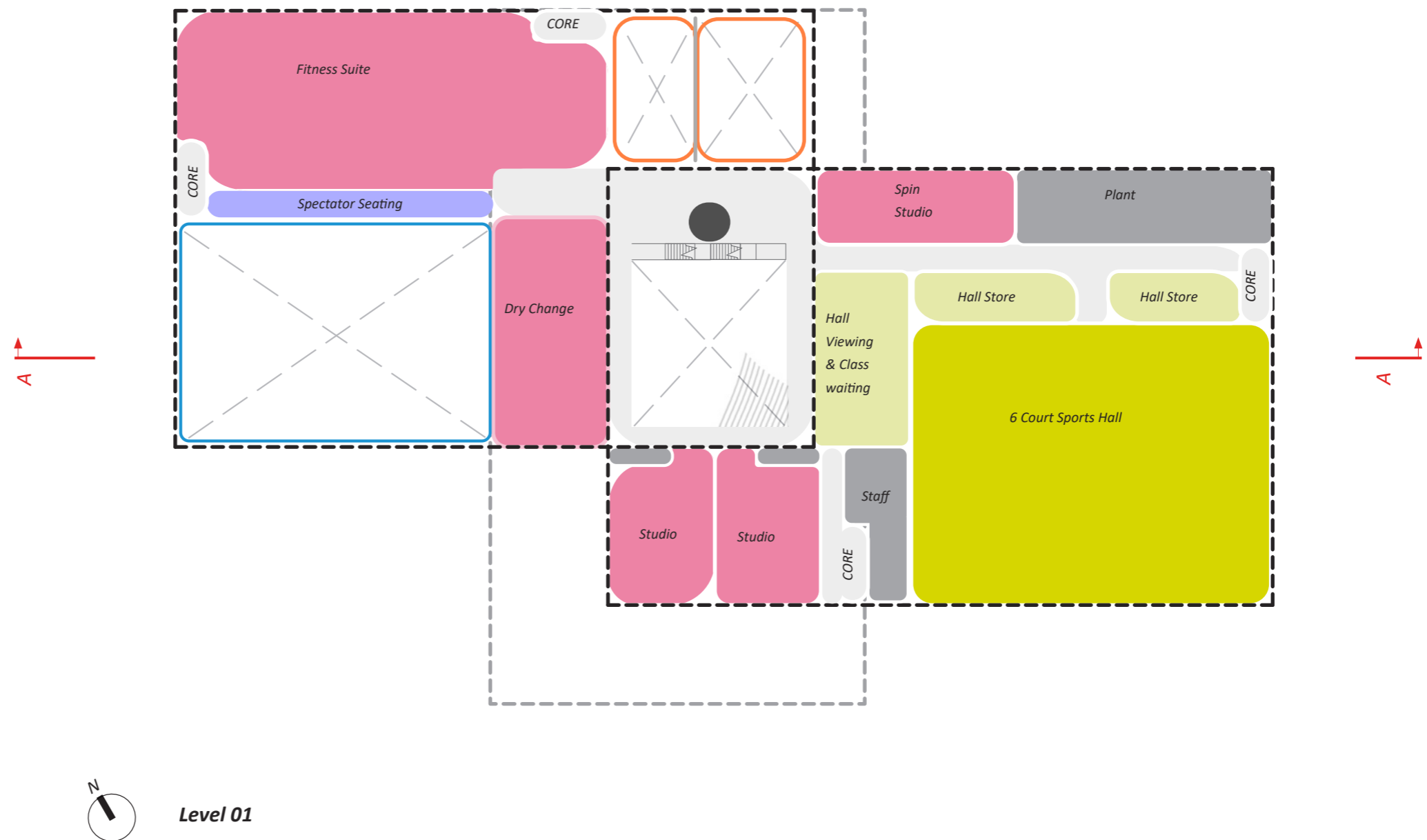
## Plan Update - Level 00



Level 00

# Layout

## Plan Update - Level 01



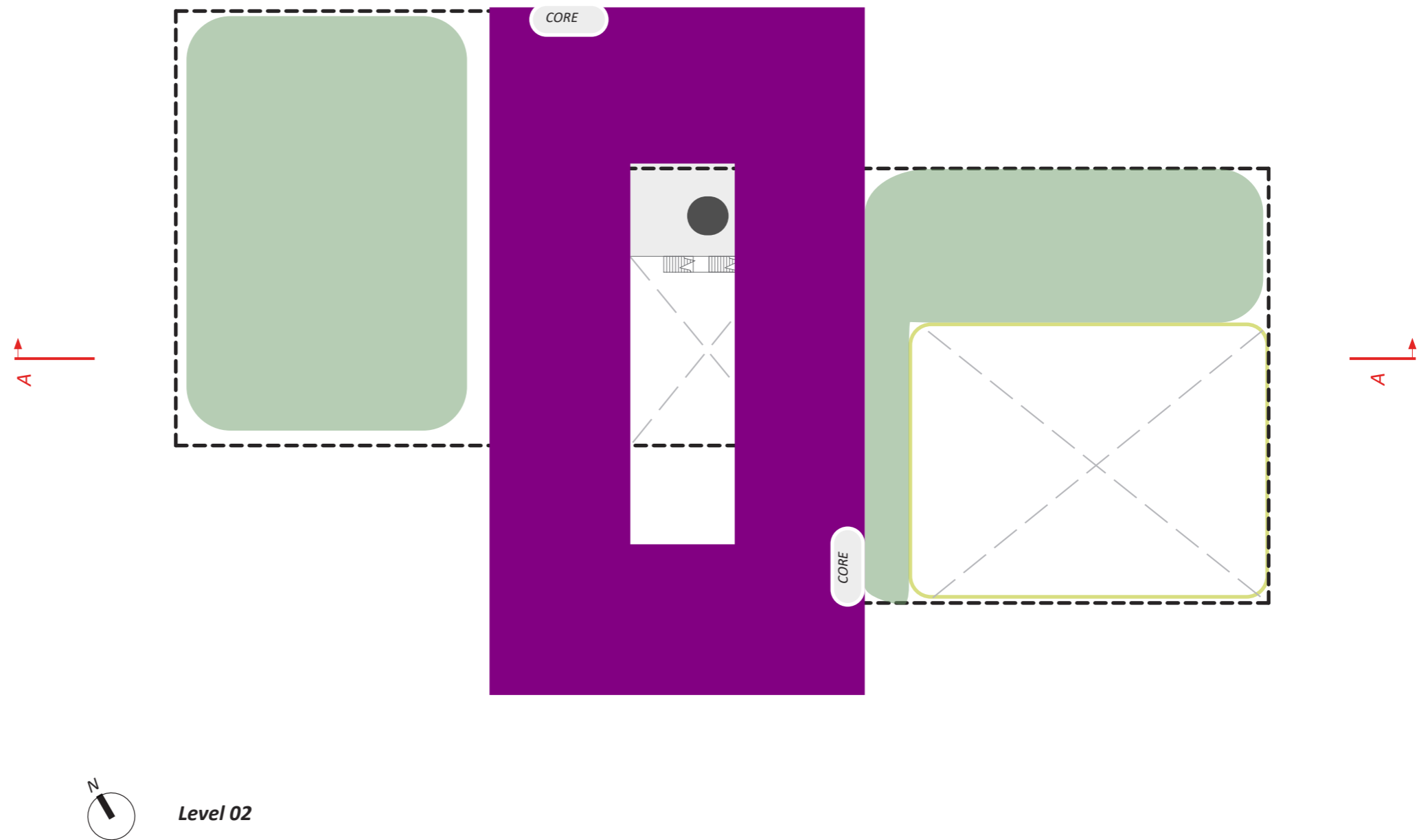


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# Layout

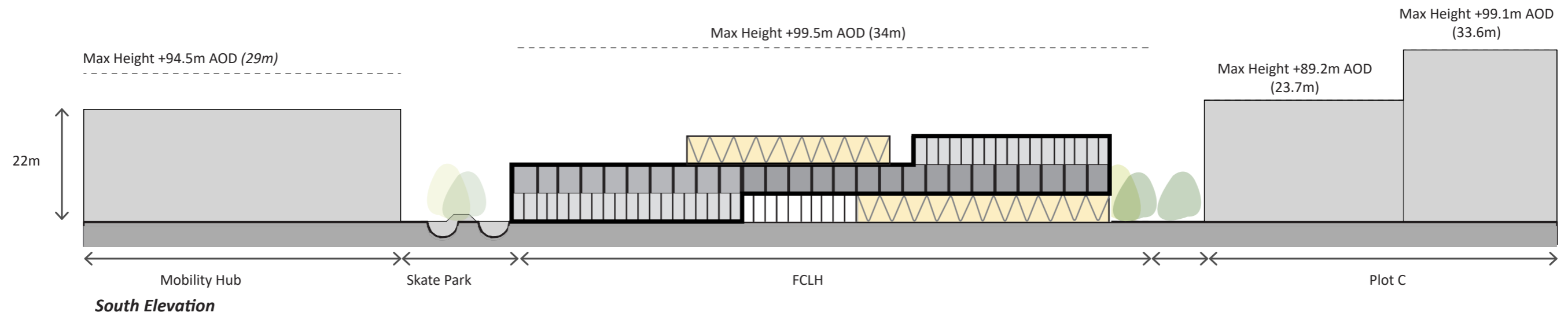
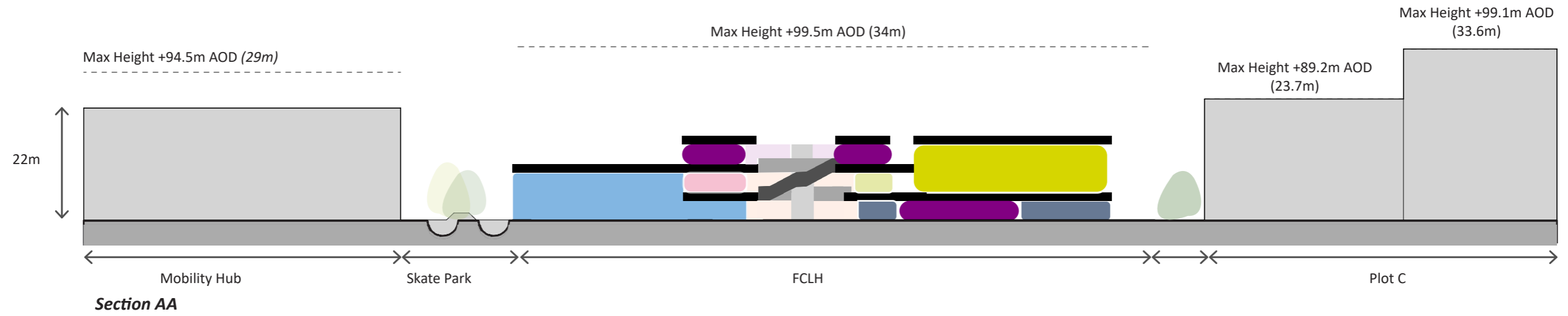
## Plan Update - Level 02

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# Layout

## Concept Section & Elevation





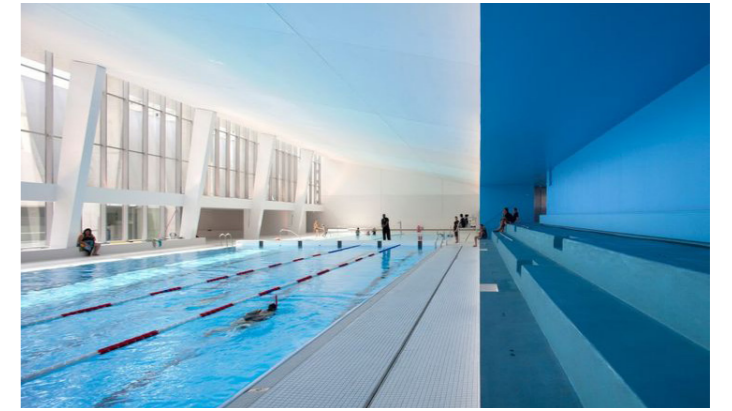
# Key Spaces

Pool hall - Soffit & Simple Structure

Cool Tones  
Natural Daylight  
Perforated Soffit  
Simple Structure

Transparency Vs Privacy  
Dappled Light  
Volume  
Large Spans

Structural connections  
Engineered  
Translucent  
Structural Silhouettes





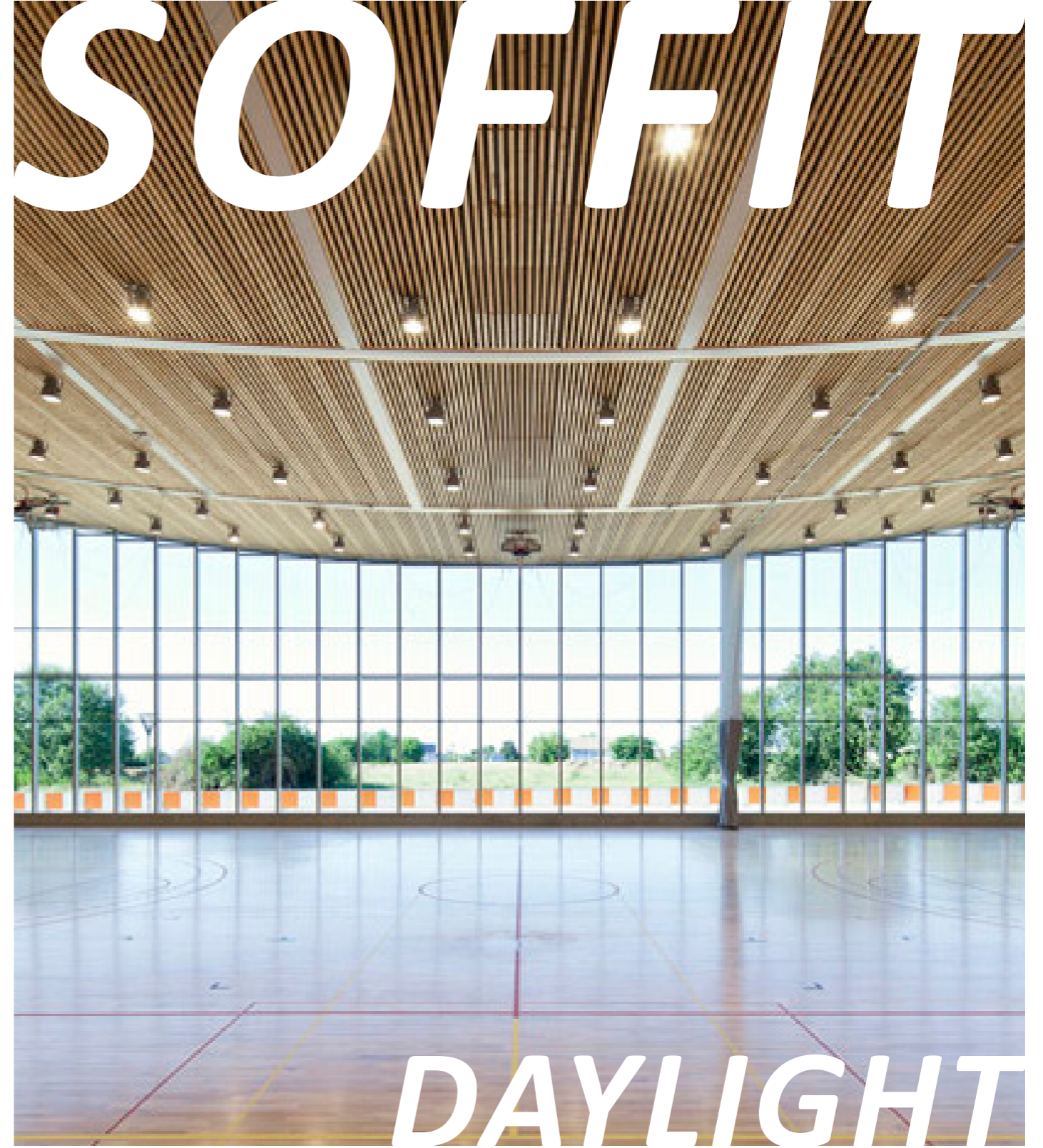
# Key Spaces

*Sports hall - Soffit & Simple Structure*

*Cool Tones  
Warm Linings  
Perforated Soffit  
Simple Structure  
Light*

*Kinetic  
Translucent  
Dappled Light  
Volume  
Large Spans*

*Structural connections  
Engineered  
Translucent  
Structural Silhouettes  
Energy*





# Key Spaces

*Library - Ornate Structure Celebrated*

*Warm Tones  
Natural Linings  
Views In & Out  
Light  
Calm*

*Fun  
Natural Daylight  
Colour  
Cultural Identity  
Inspiring*

*Engaging  
Inside / Outside  
Celebrated Structure  
Feature Joinery  
Organic*



**FUN**



**INSPIRING**



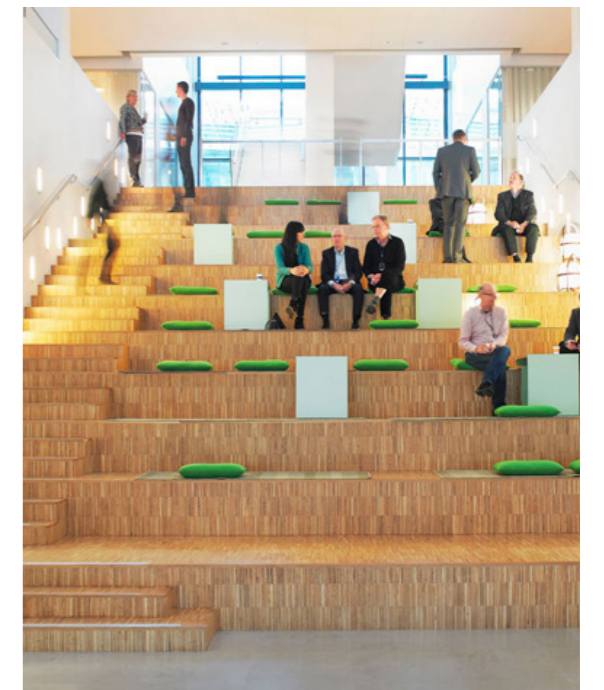
**CALM**



**NATURAL**



**LIGHT**





# Key Spaces

*Atrium - Ornate Structure Celebrated*

*Warm Tones  
Innovative  
Views to Sky  
Structure Celebrated*

*Integration  
Natural Finish  
Overlap  
Inspiring*

*Translucent  
Views In & Out  
Link  
Natural Daylight*





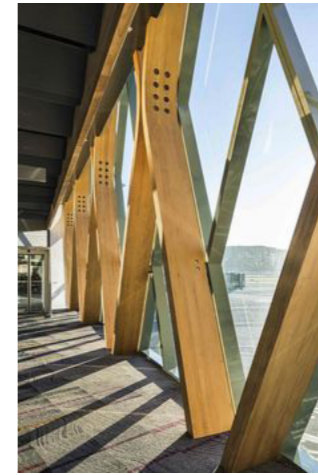
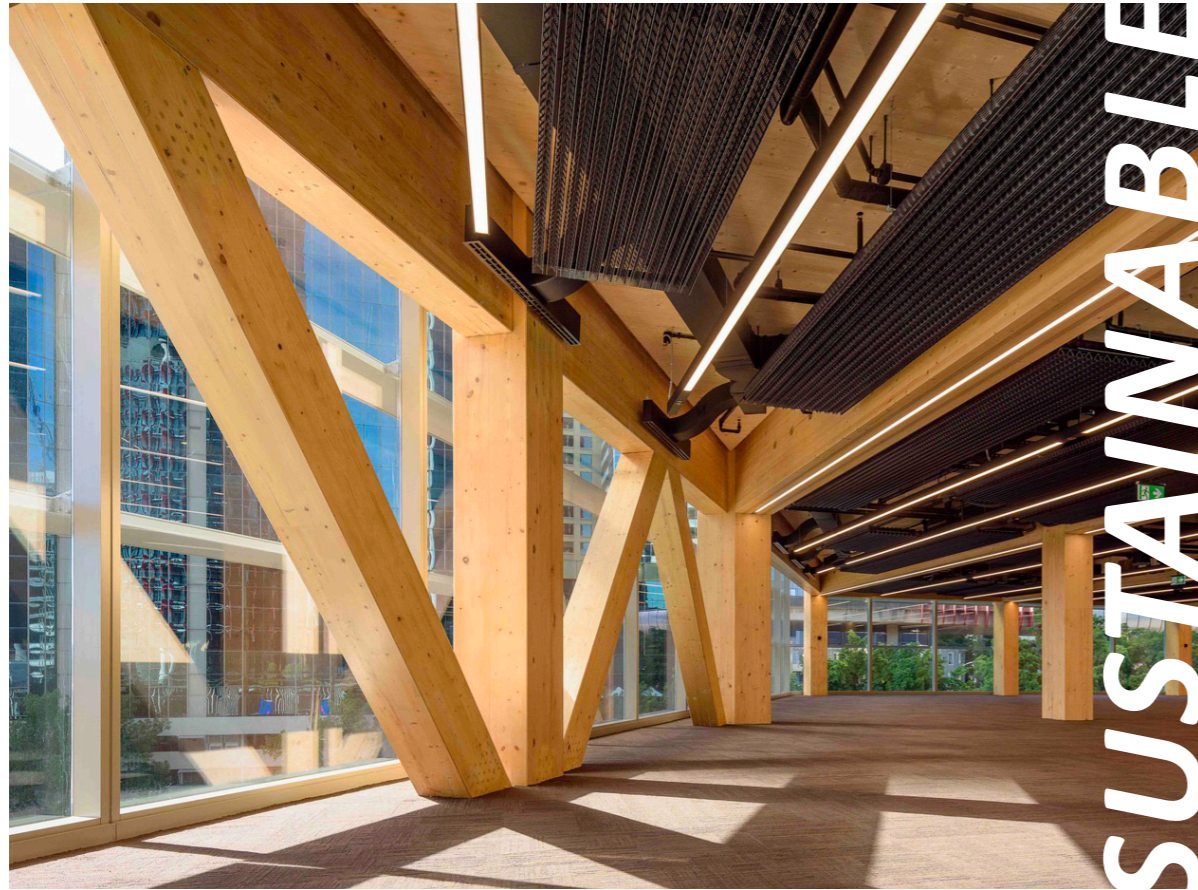
# Key Spaces

*Workplace - Structure expressed*

*Warm Tones  
Engaging  
Inspiring  
Structure Celebrated*

*Elegant  
Natural Finish  
Beacon  
Inspiring*

*Glowing  
Views In & Out  
Healthy  
Cantilever*







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