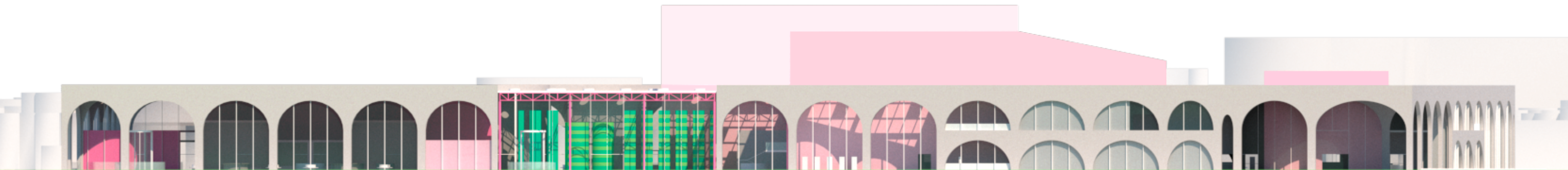


18/05/22



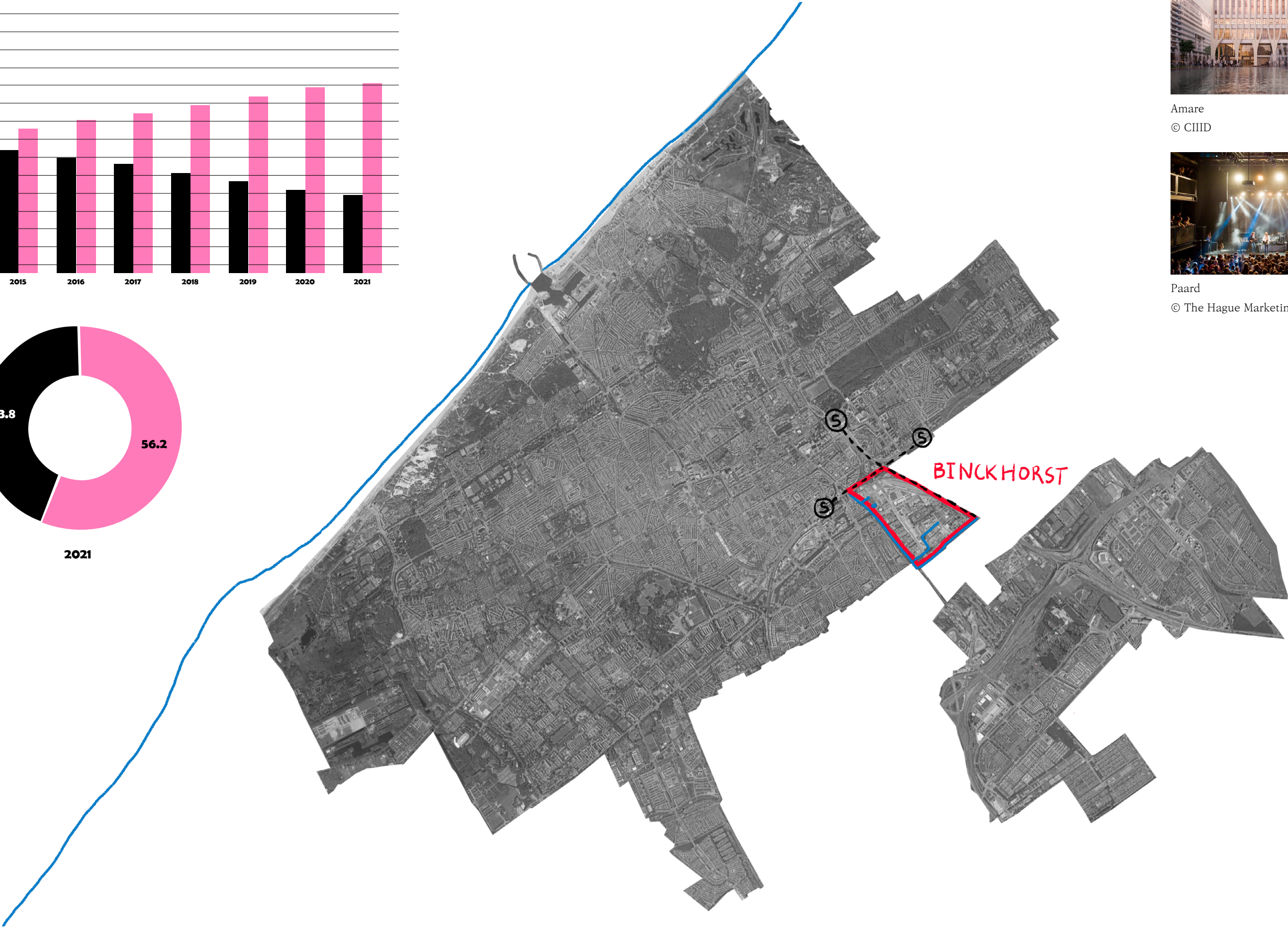
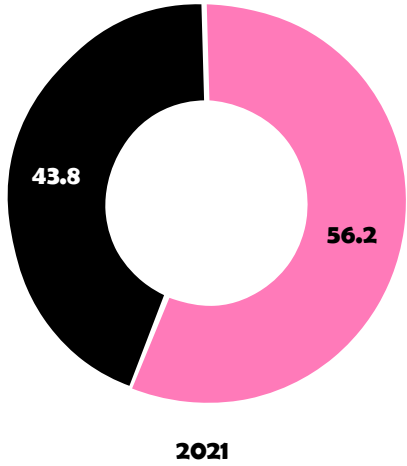
Tasty Music Venue for Binckhorst

Sua Kim
5344166

Public Building Graduation Studio 2021-22
MUSIC MARVEL

SITE

The Hague – Diversity



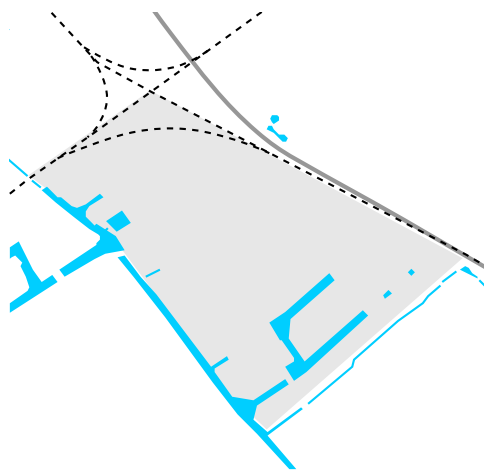
Amare
© CIID



Paard
© The Hague Marketing Bureau



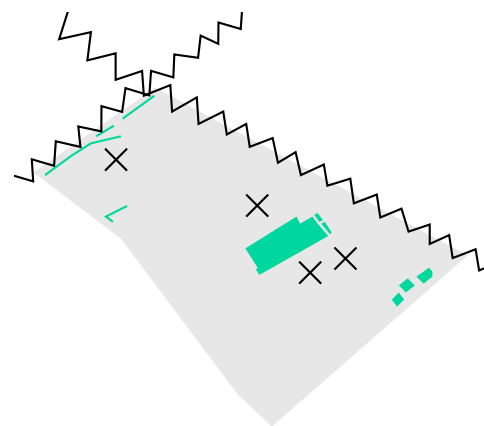
Isolation



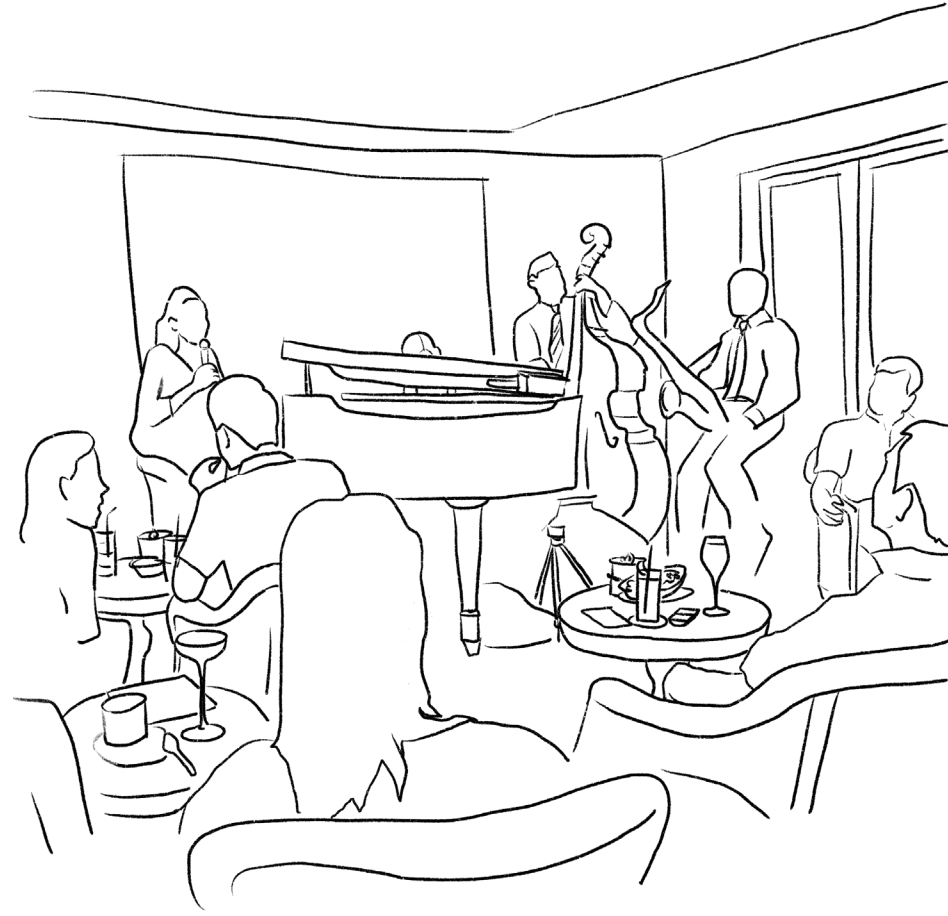
Monotony



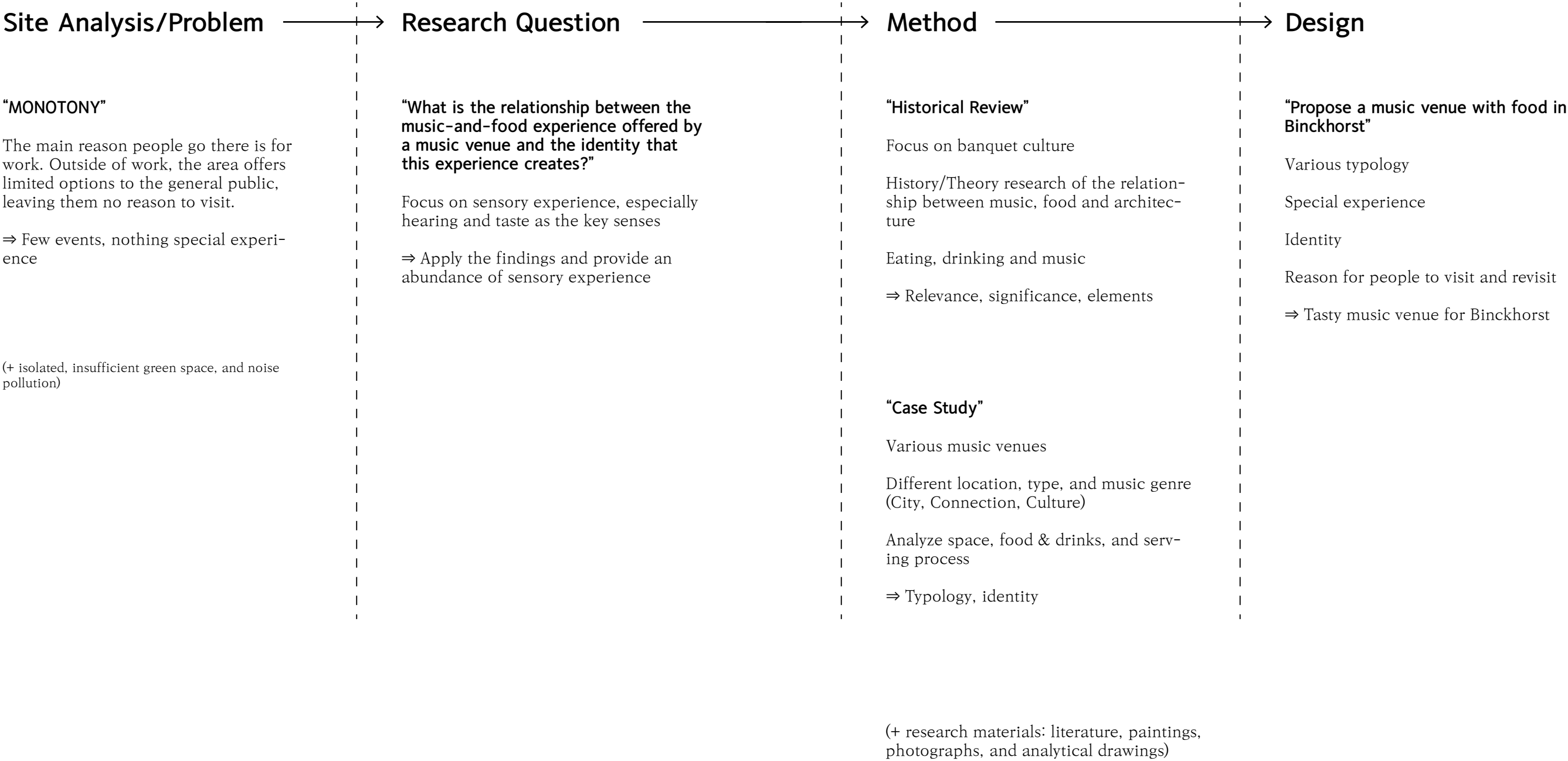
Insufficient Green Space & Noise



RESEARCH



“What is the relationship between the music-and-food experience offered by a music venue and the identity that this experience creates?”

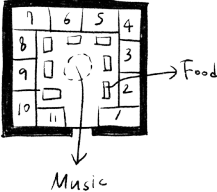






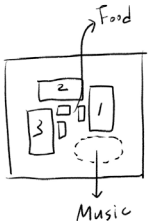
Garden Party of Assyria (Ancient Mesopotamia)



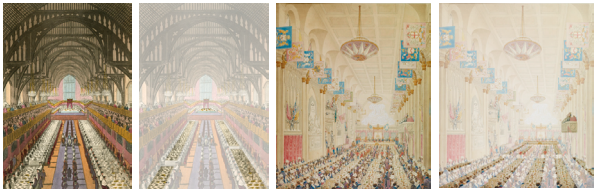


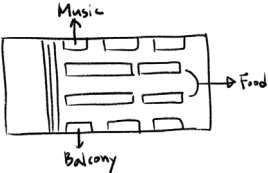
Andron of Ancient Greece





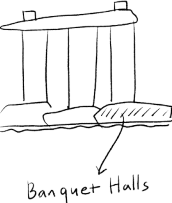
Triclinium of Ancient Rome



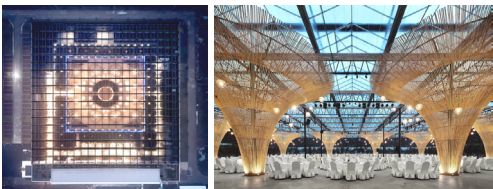


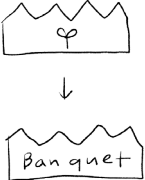
19th Banquet Hall





Marina Bay Sands





Chun Qin Yuan Ecological Farm



The 'Garden Party' relief from the North Palace of Ashurbanipal, 645BC-635BC, Carved on gypsum, 58.4 x 139.7 x 15.2 cm, The British Museum, London

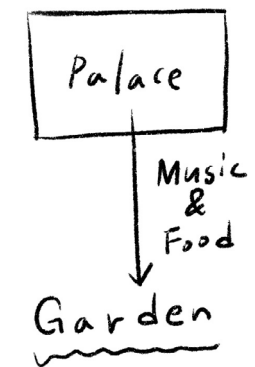
⟨Music⟩

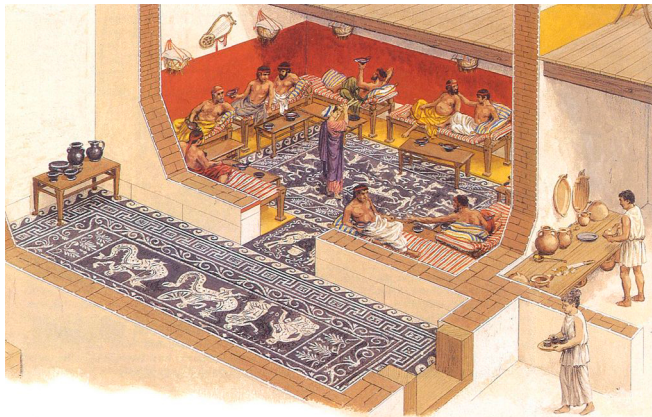


⟨Food⟩



⟨Space⟩





Andron of ancient Greece
© Unknown



Triclinium of ancient Rome
© Unknown

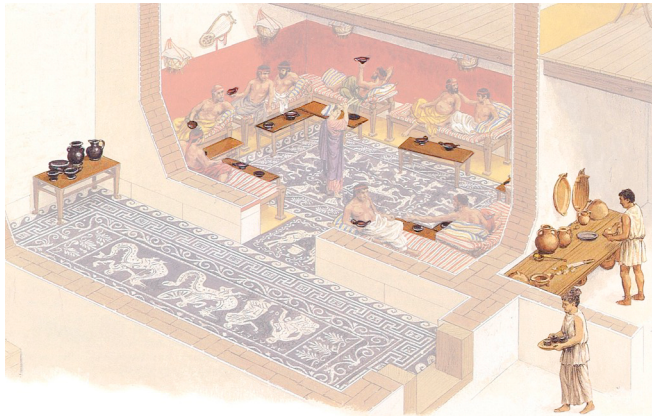
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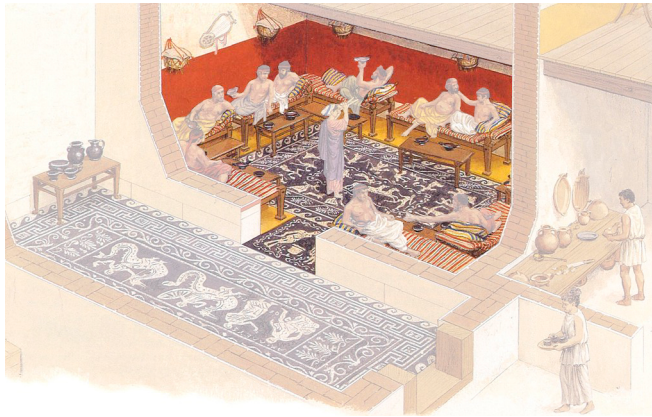
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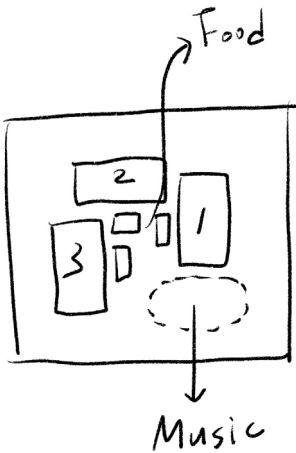
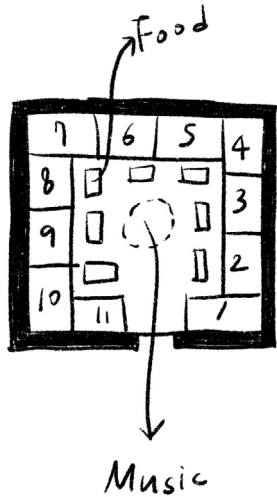
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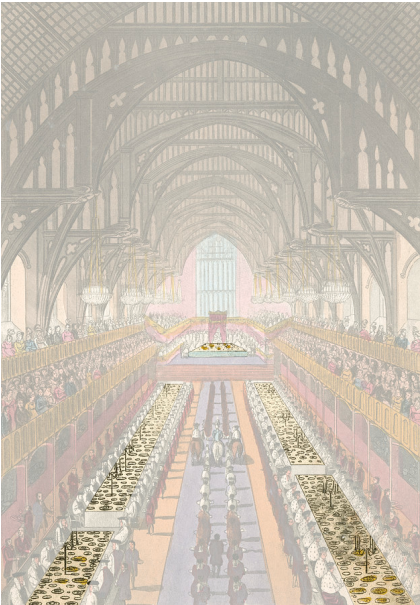
<Space>



Coronation Banquet of George IV in Westminster Hall
© Mary Evans Picture Library



<Space>



<Music & Food>

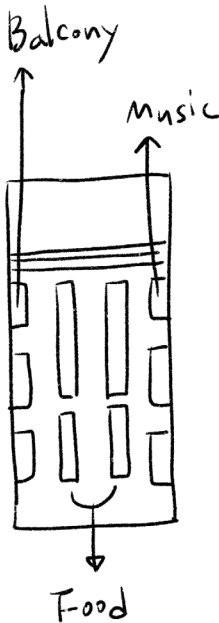
Thomas Dighton, Queen Victoria attending the Lord Mayor's Banquet at the Guildhall, 9 November 1837, Watercolour painting, 75.5 x 63.5 cm, Royal Collection Trust



<Space>

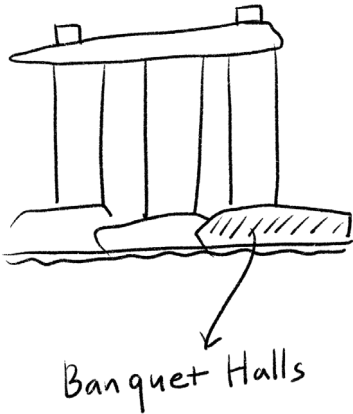


<Music & Food>

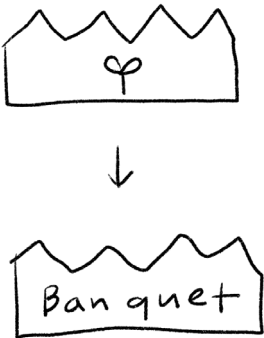
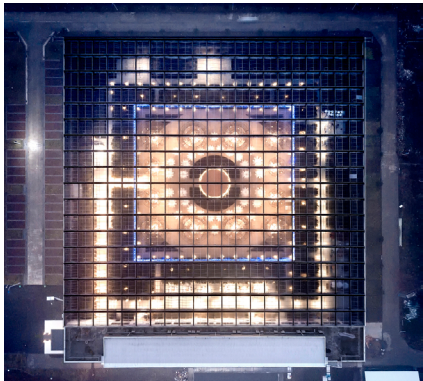


Marina Bay Sands
© Partha Narasimhan

Banquet Hall at Marina Bay Sands
© Marina Bay Sands



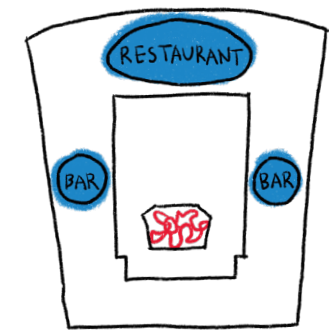
The Sun Shed of Chun Qin Yuan
Ecological Farm Renovation
© Lin Cong



1. Royal Festival Hall



© Stig-NN3/Flickr



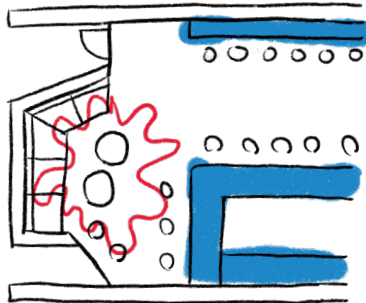
- Performer's movement
- Food and drinks

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MUSIC										■	■				■	■			■	■	■			
FOOD										■	■	■	■	■	■	■	■	■	■	■	■	■		

2. O'Donoghue's



© Kglavin

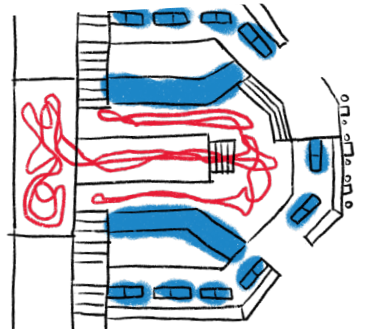


TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MUSIC																					■	■	■	
FOOD										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

3. Villa Thalia



© Villa Thalia

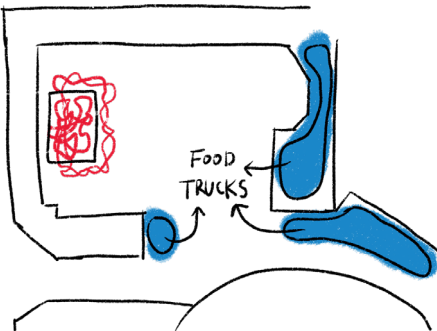


TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MUSIC													■	■	■	■		■	■	■	■	■	■	■
FOOD													■	■	■	■		■	■	■	■	■	■	■

4. WaterBomb 2019 Seoul



© 360 Show Design

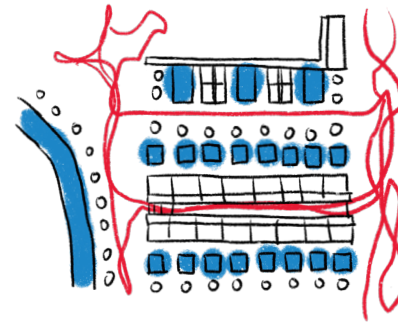


TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MUSIC													■	■	■	■	■	■	■	■	■	■		
FOOD													■	■	■	■	■	■	■	■	■	■		

5. Ellen's Stardust Diner



© Stardust



TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MUSIC							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
FOOD							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Music, food and time in the music venue cases



DESIGN MANIFESTO

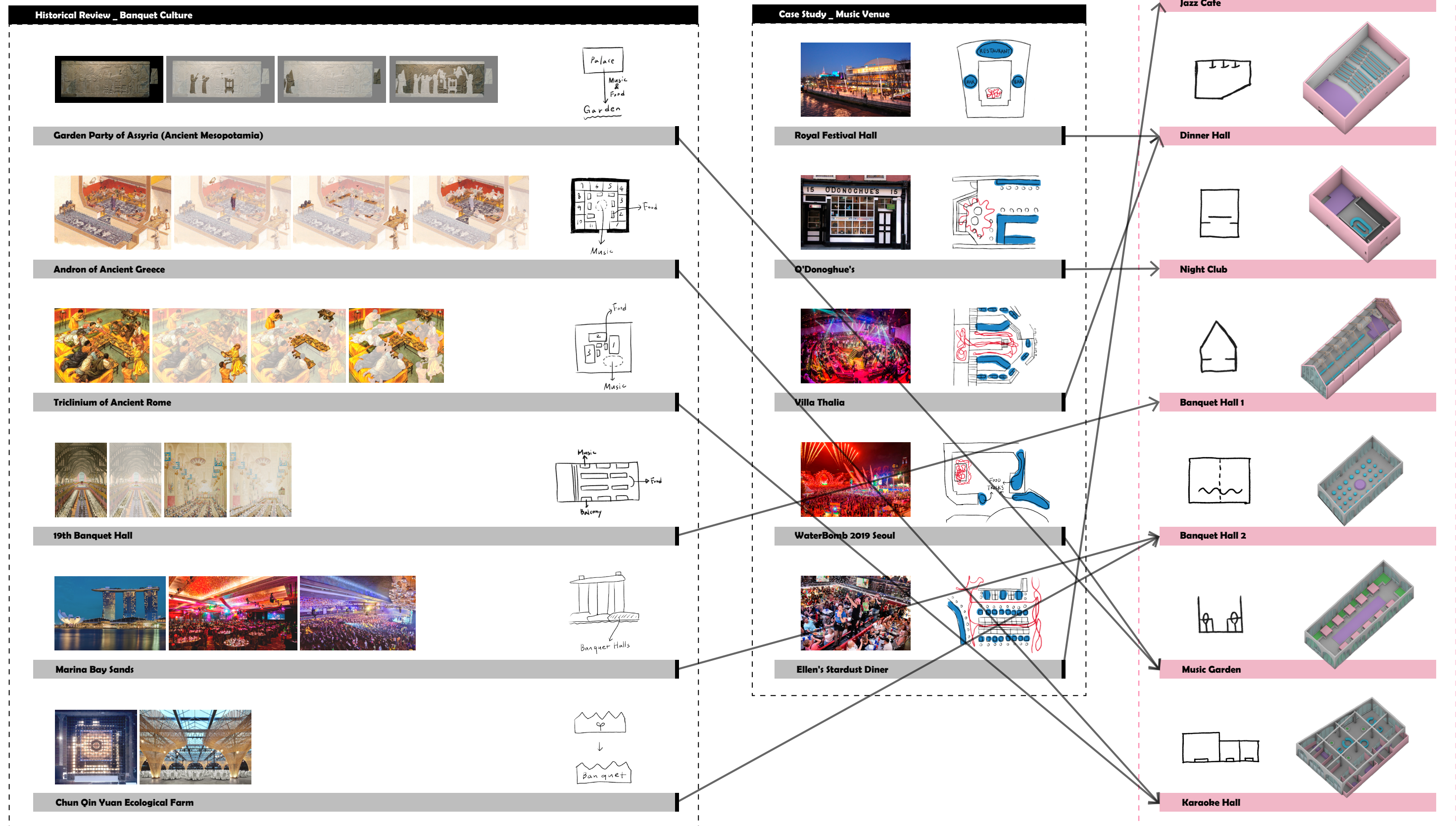
Binckhorst's new music venue offers a harmonious experience of music, food and space.

This venue will bring color to the gray monotonous Binckhorst.



MUSIC MARVEL

7 MUSIC HALLS, 7 DIFFERENT TYPES



DESIGN PROCESS

Create a New Street Full of Music and Food



Chinatown, Singapore



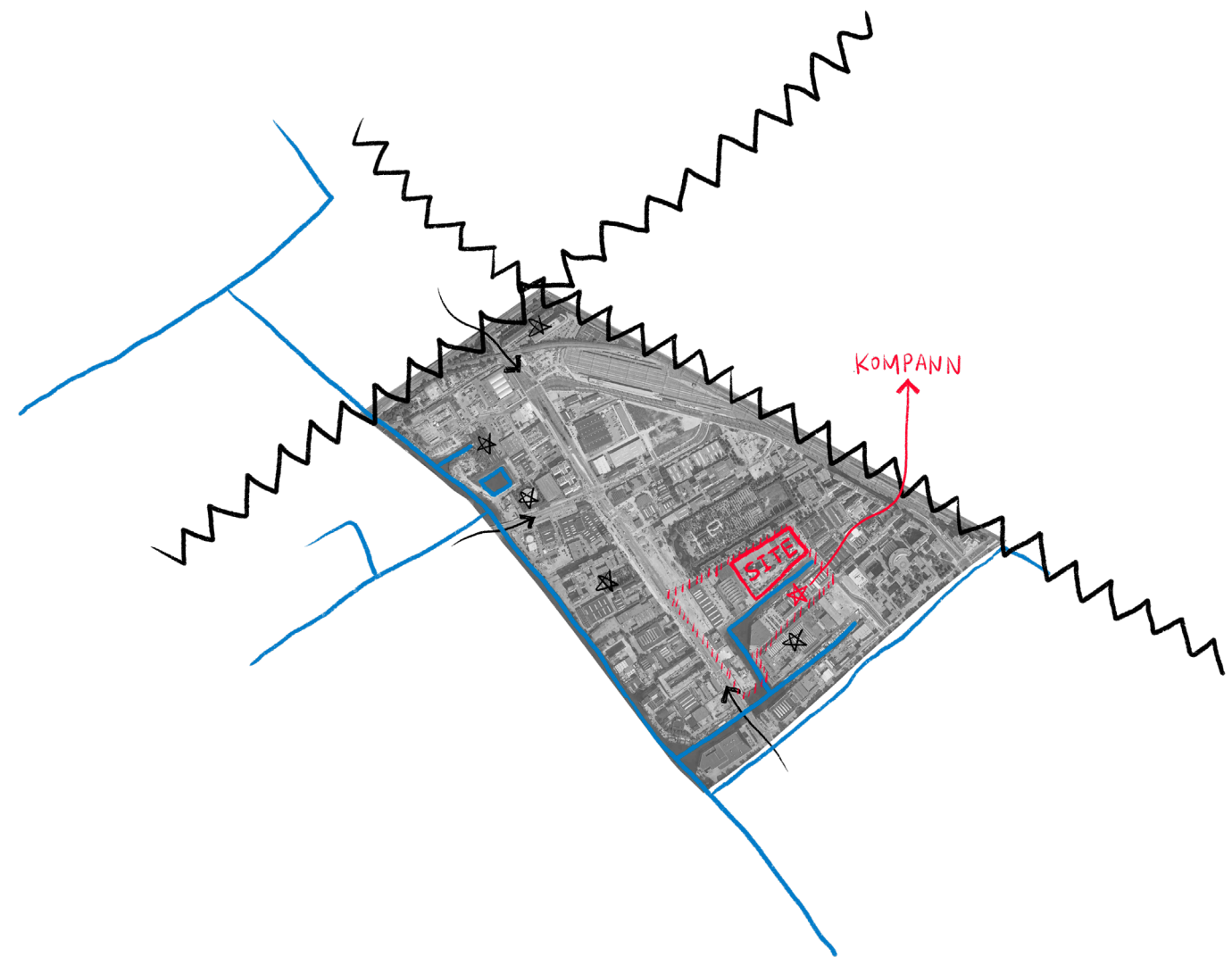
Degraaf Street, Melbourne

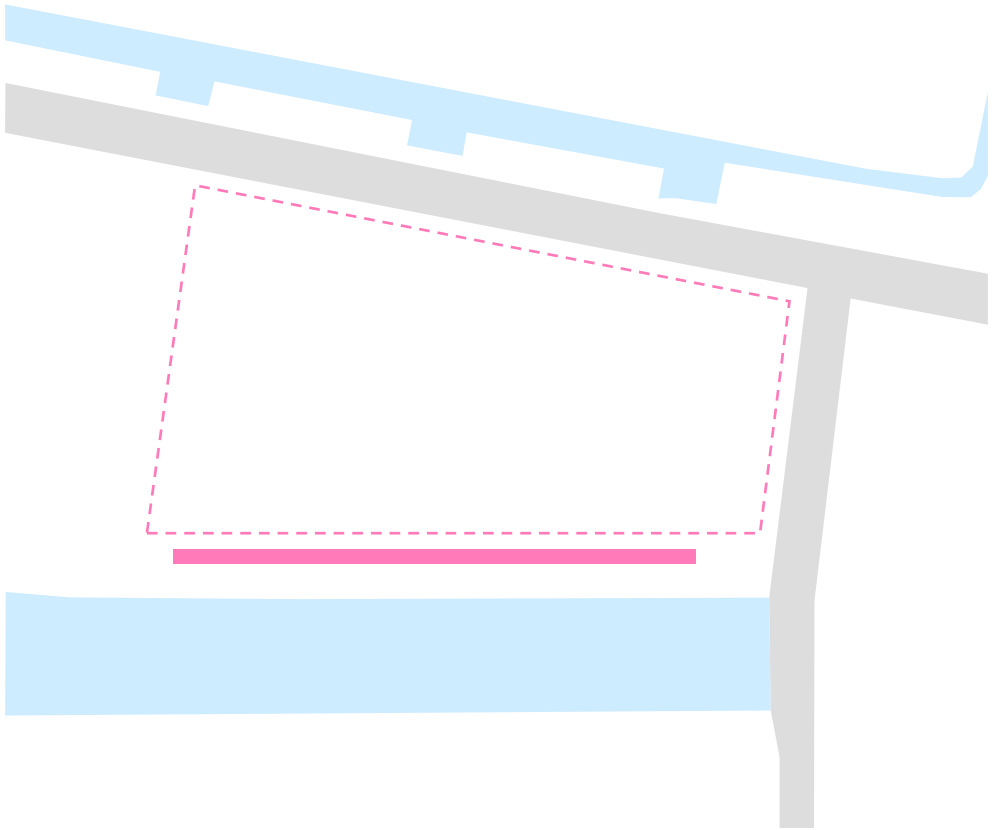


Down Town Gourmet Market, Eindhoven

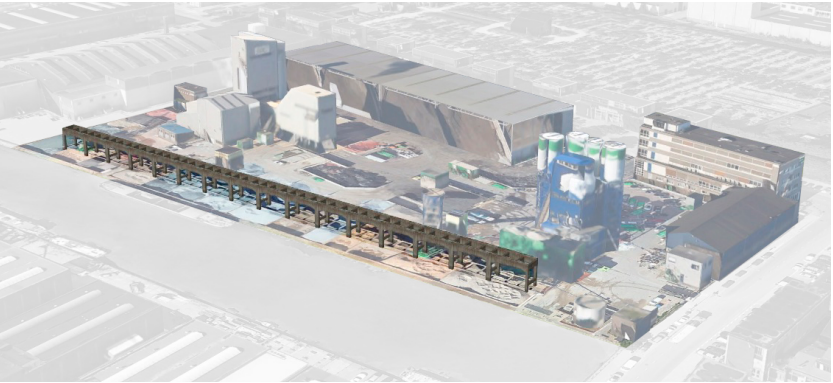


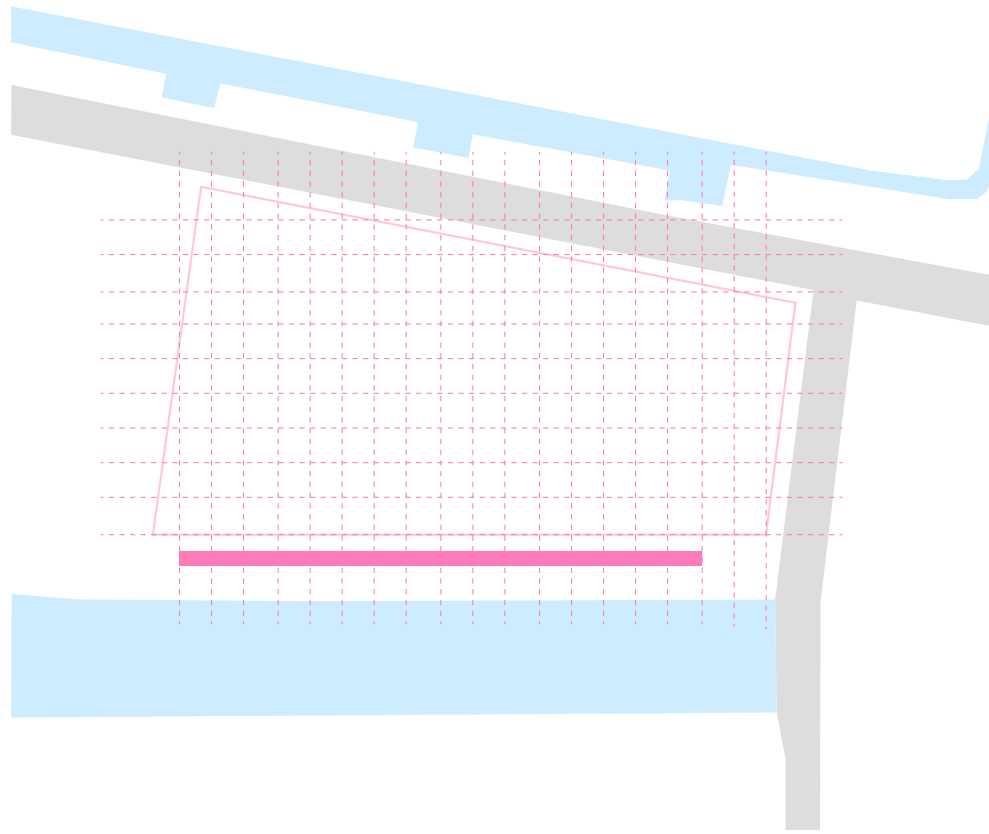
De Hallen Amsterdam





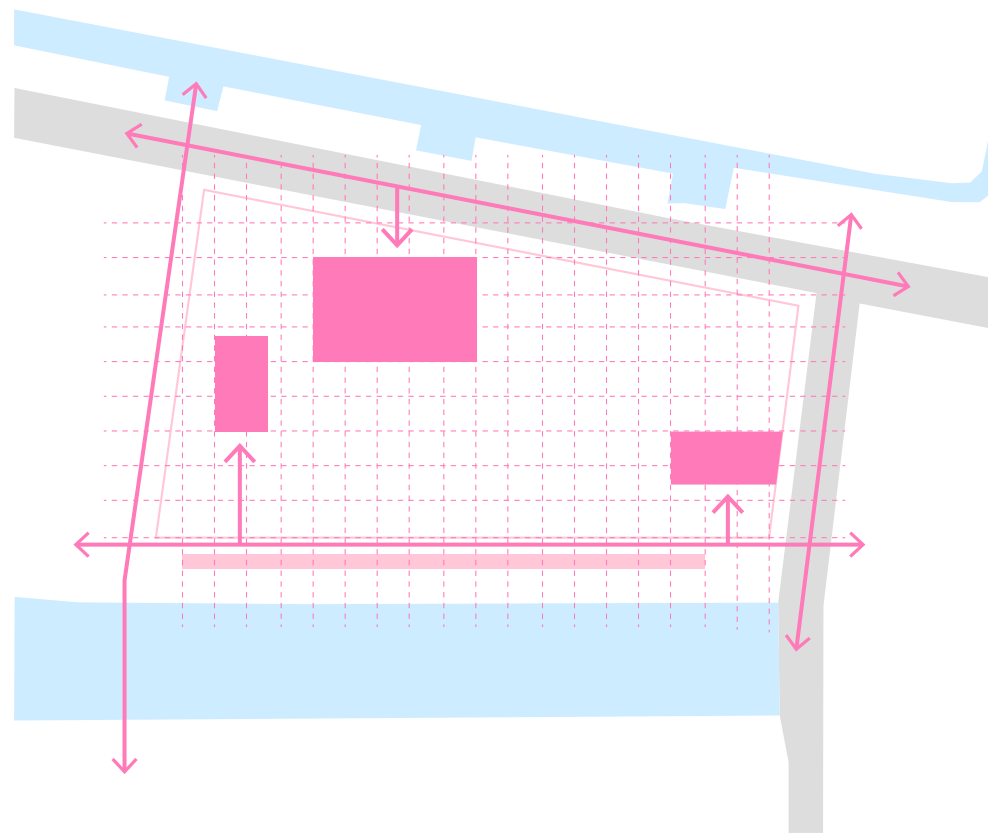
Base





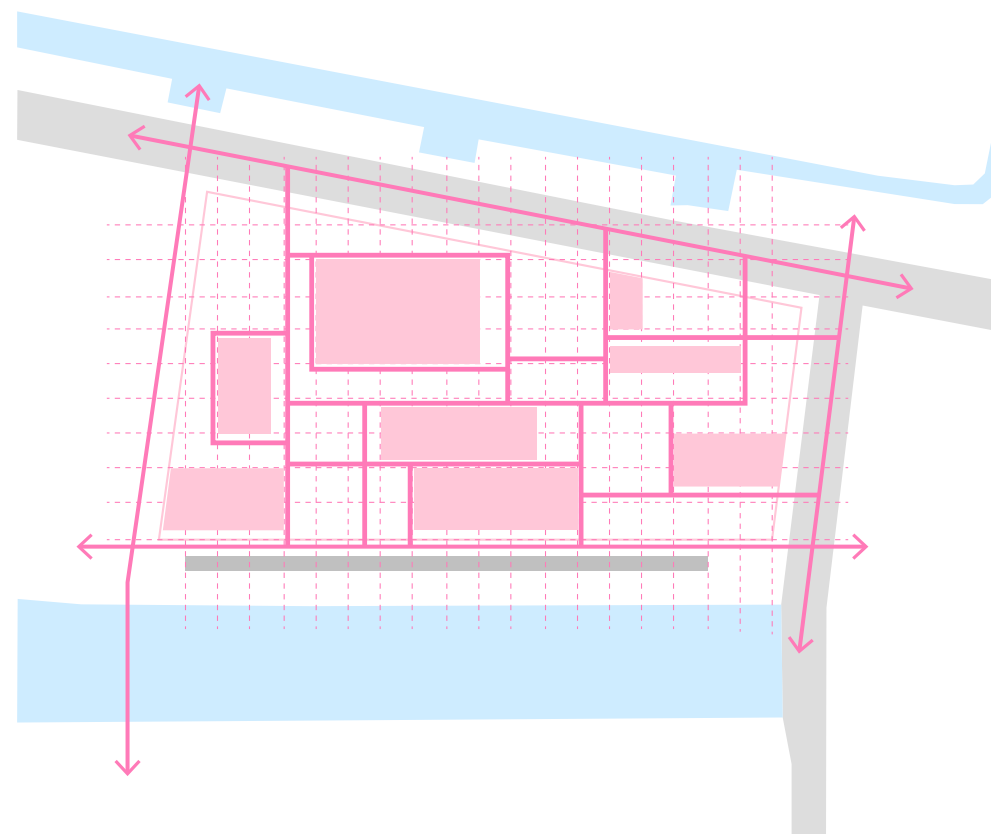
Grid





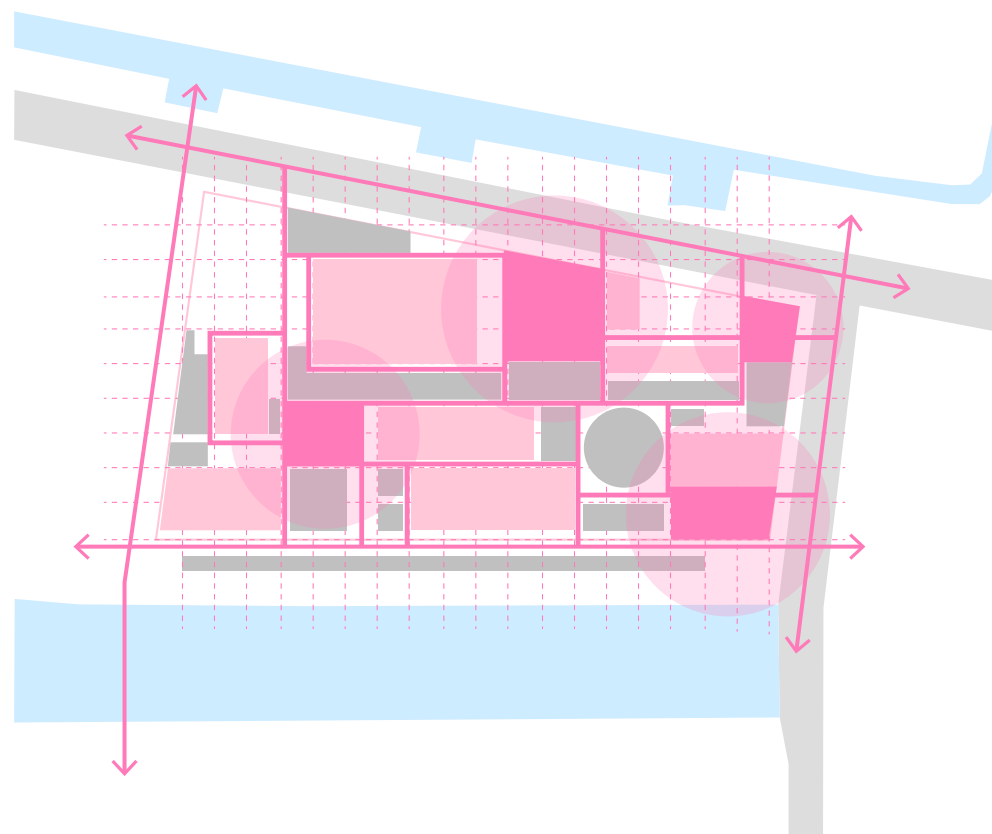
Main Music Hall





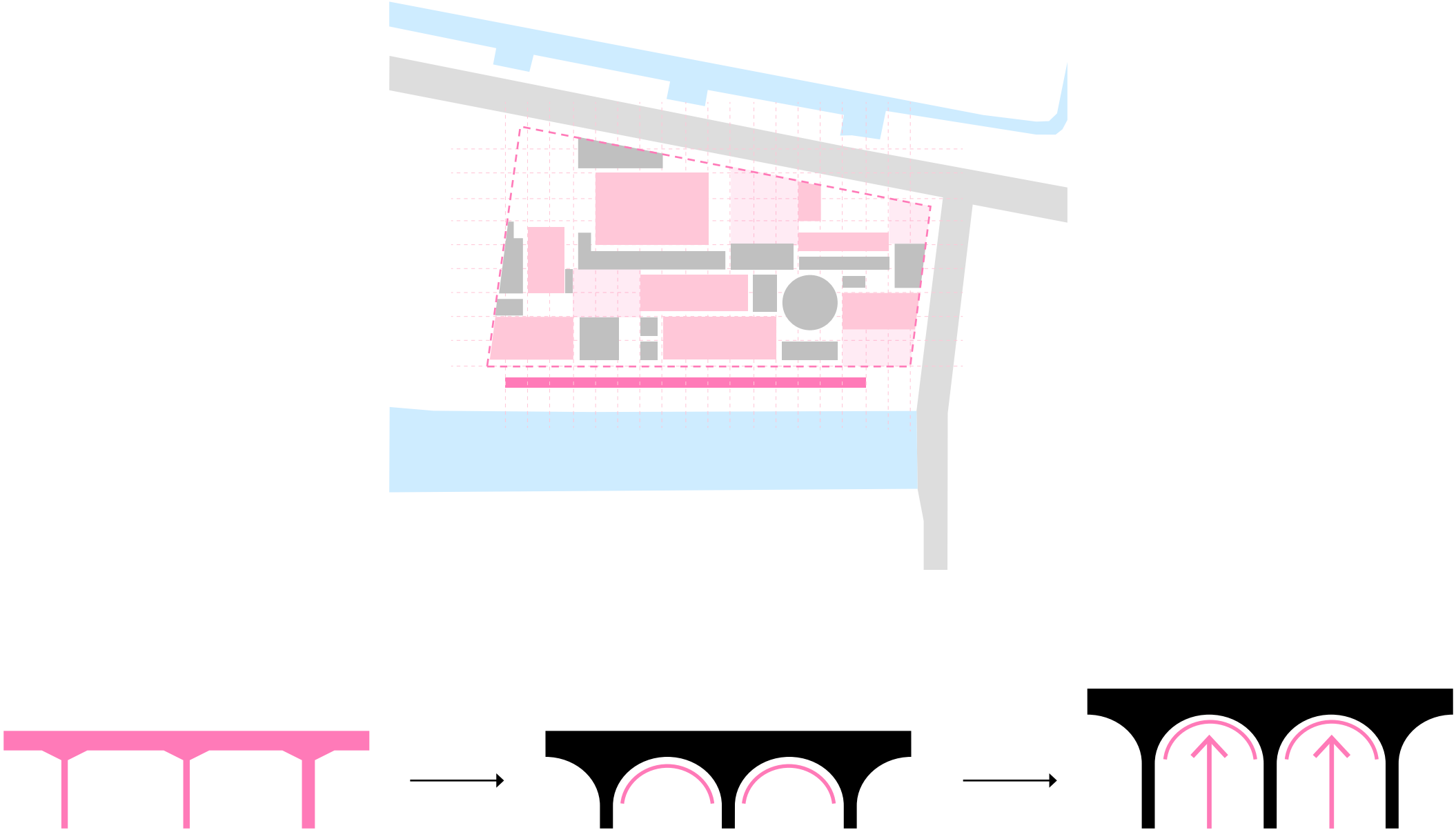
Music Hall & Street

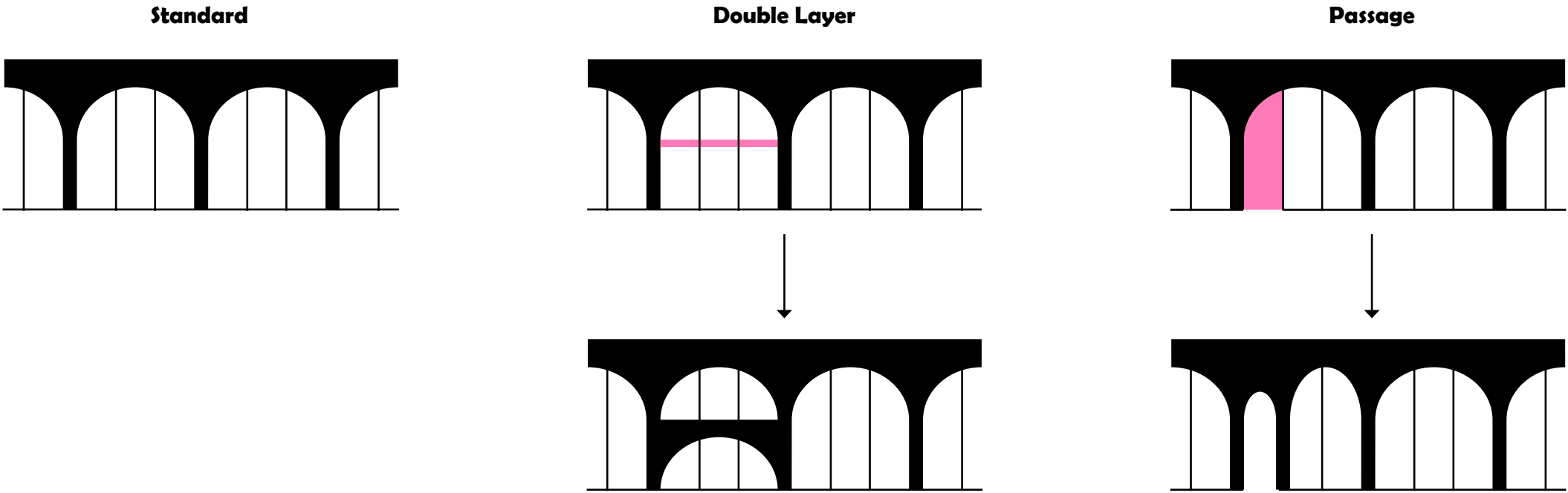


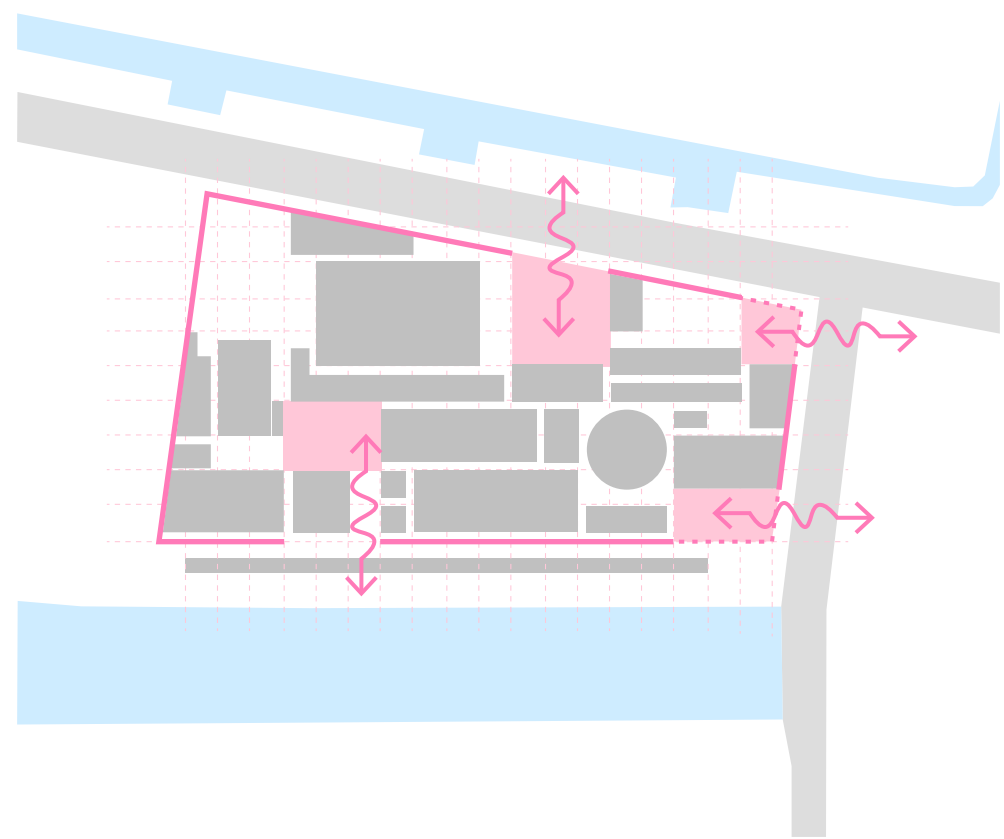


Square



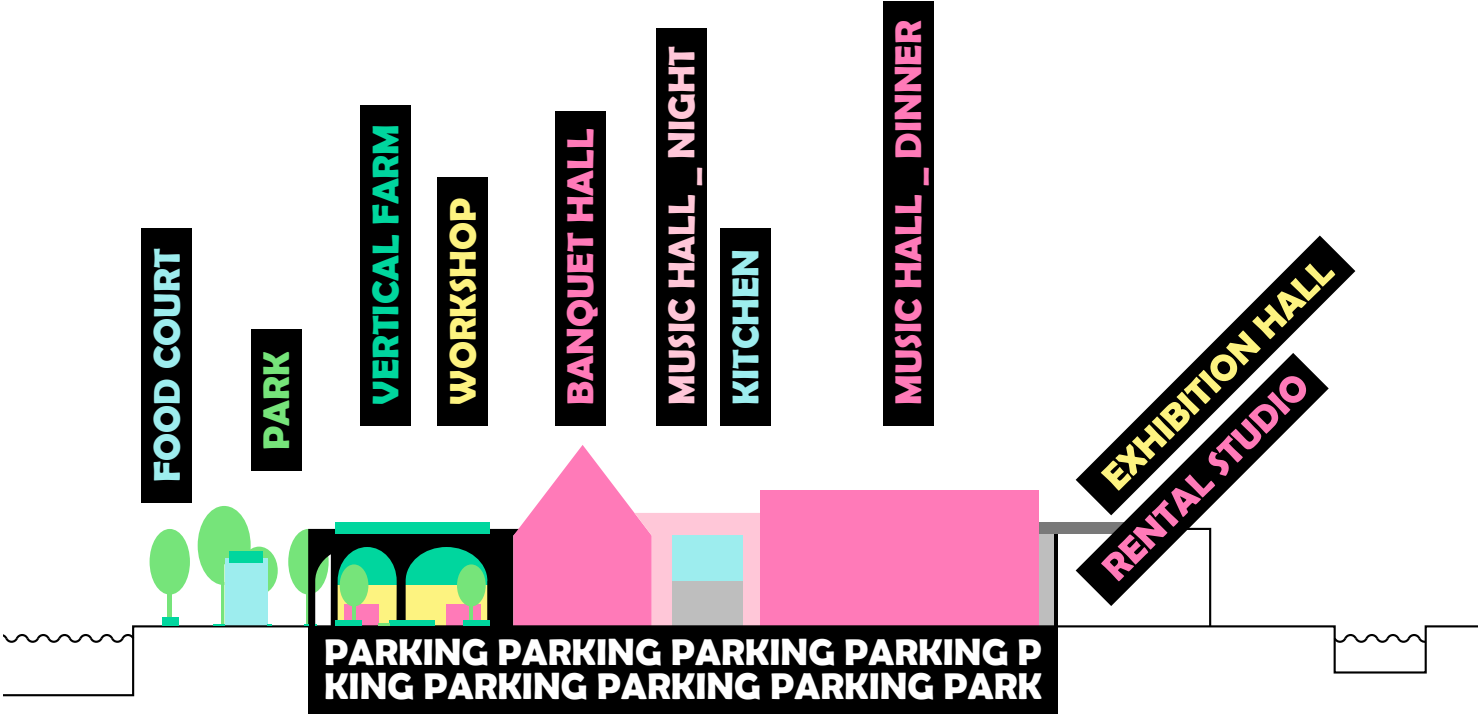






Remove and Open

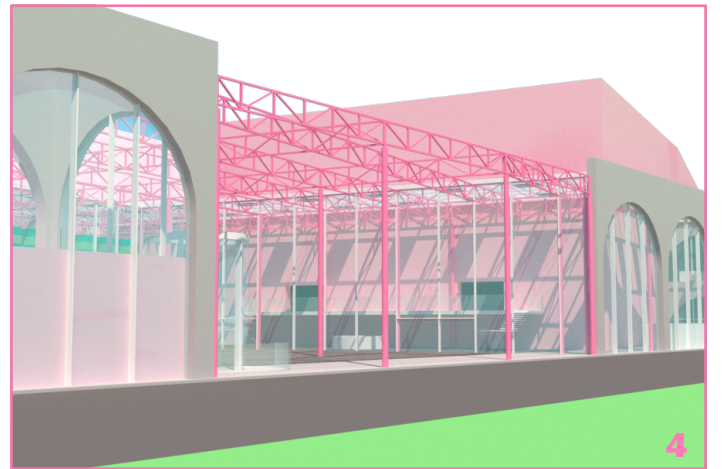
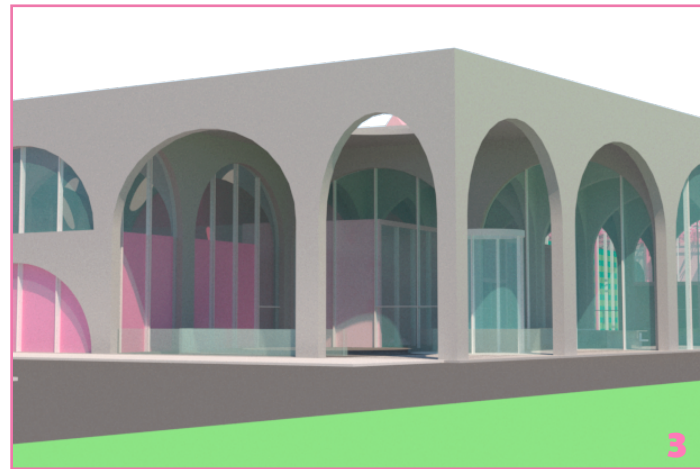
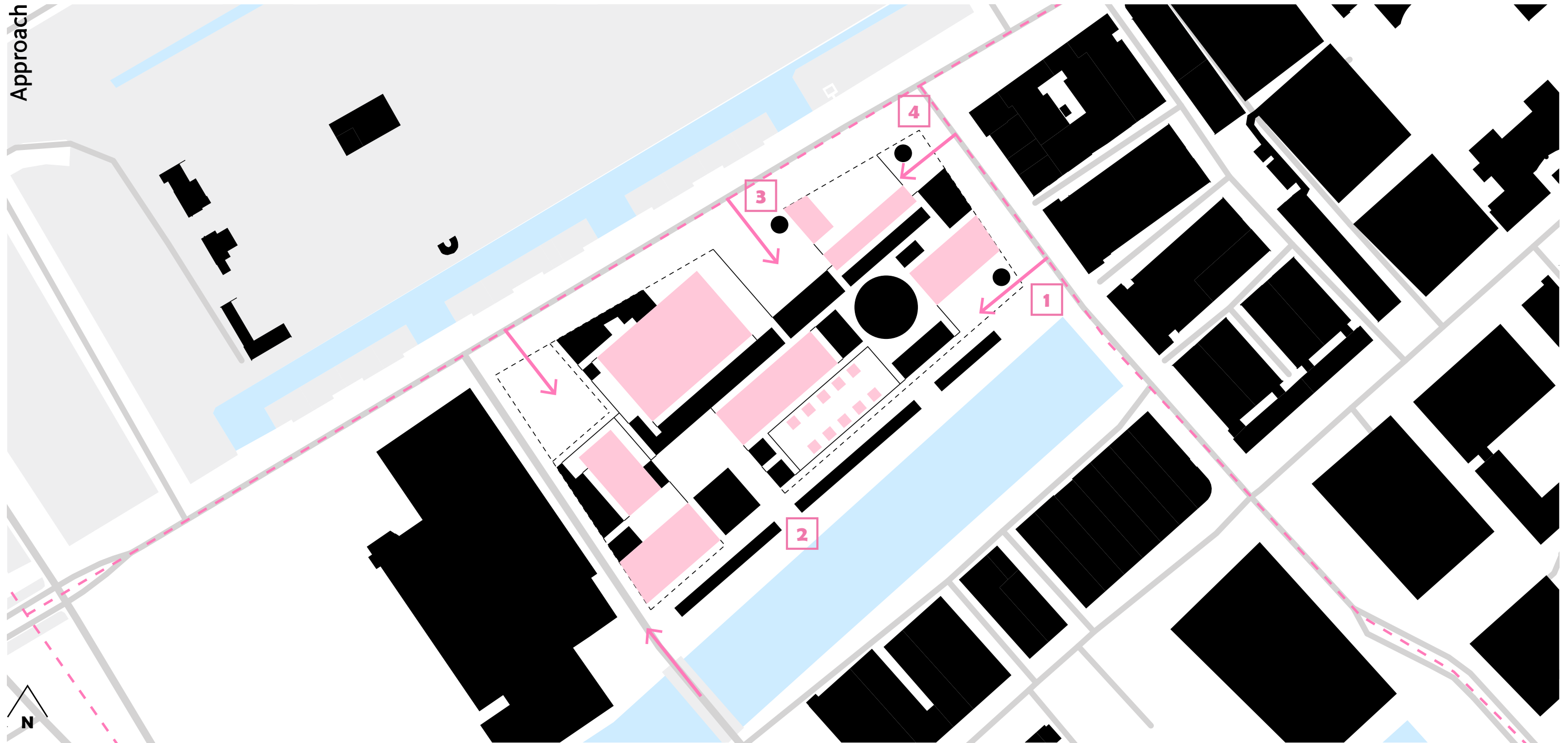
PROGRAM



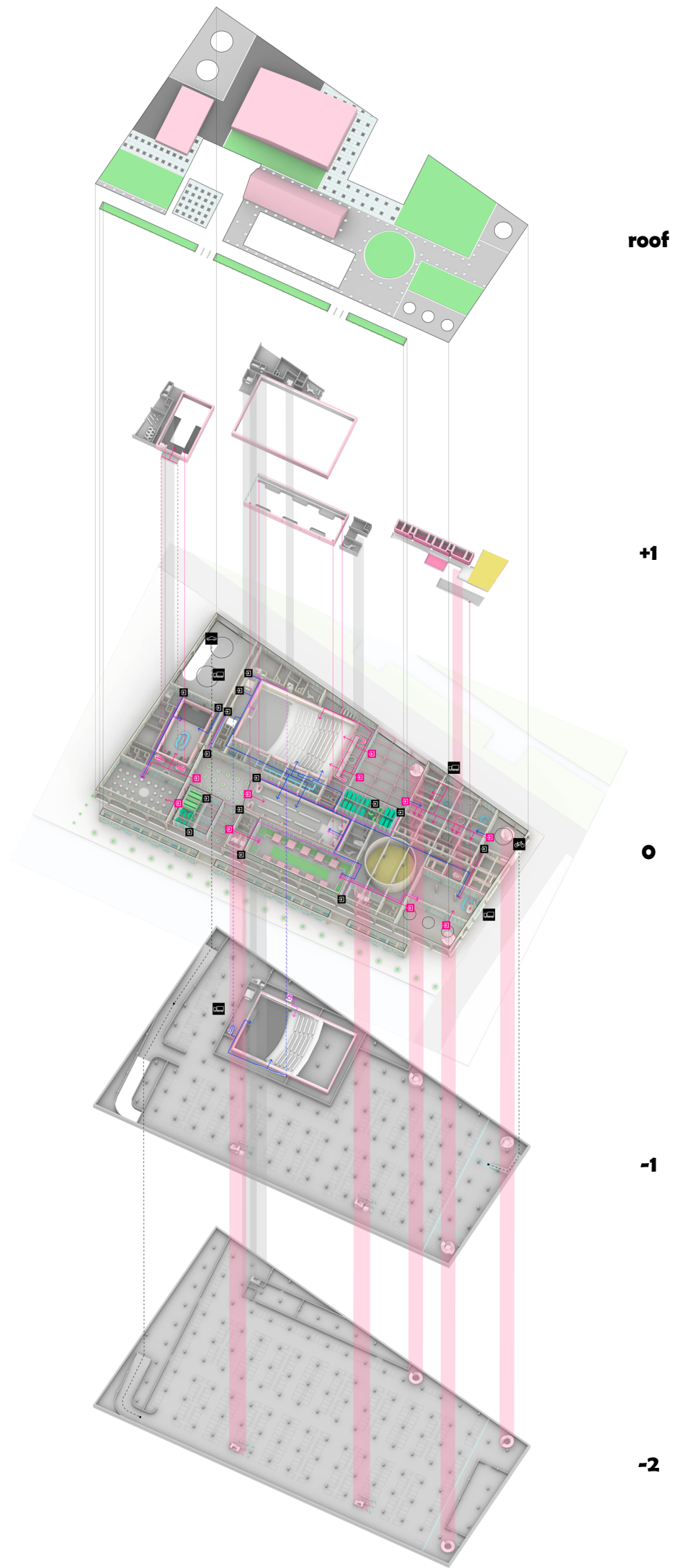
	m²	net area	gross area	notes
Music Hall	8251	15%	13%	
Jazz Cafe	814			flexible (around 133)
Dinner Hall	2025			258 seats
Night Club	800			90 seats, 400 standings
Banquet Hall 1	1220			120 seats, standings
Banquet Hall 2	841			flexible (around 200)
Music Garden	1181			192 seats
Karaoke Hall	1370			around 165
Musician	879	1%	1%	
Dressing Rooms	578			
Practice Rooms	301			
Food	1293	2%	2%	
Main Kitchen	506			can serve for 300 people
Food Court	787			
Vertical Farm	605	1%	1%	
Program & Event	6698	13%	10%	
Squares	3023			
Foyers	1630			
Rental Recording Studios	899			
Exhibition Halls	864			
Workshop Rooms	173			
Music Shops	109			
Support	37939	68%	60%	
Offices	639			
Staff Rooms	65			
Loading Area	3060			
Car Park	27685			
Bicycle Park	875			
Restrooms	412			
Maintenance and Operation	5203			
Total	55665	100%	87%	
			63693m²	(with circulation area)

FINAL DESIGN

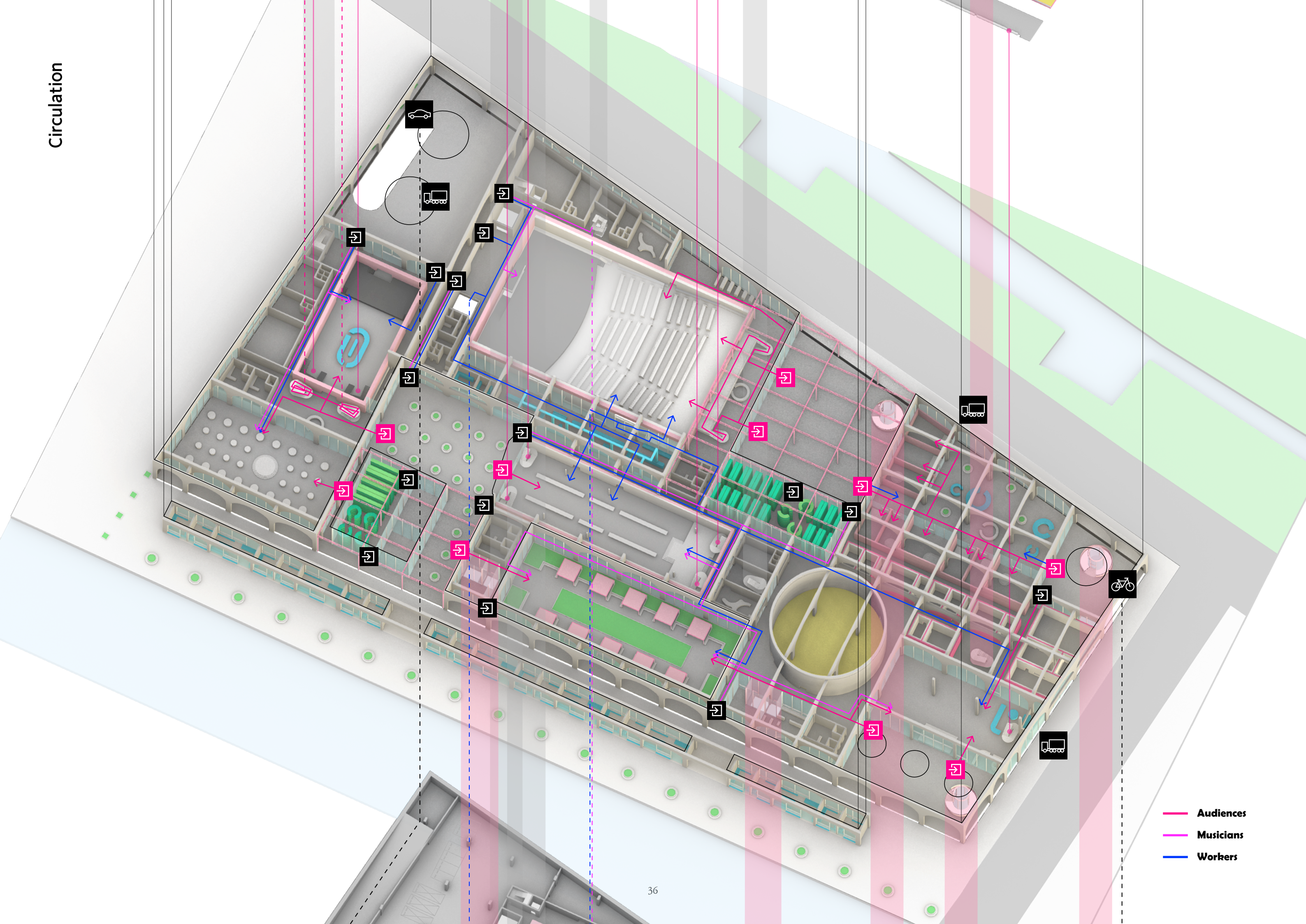




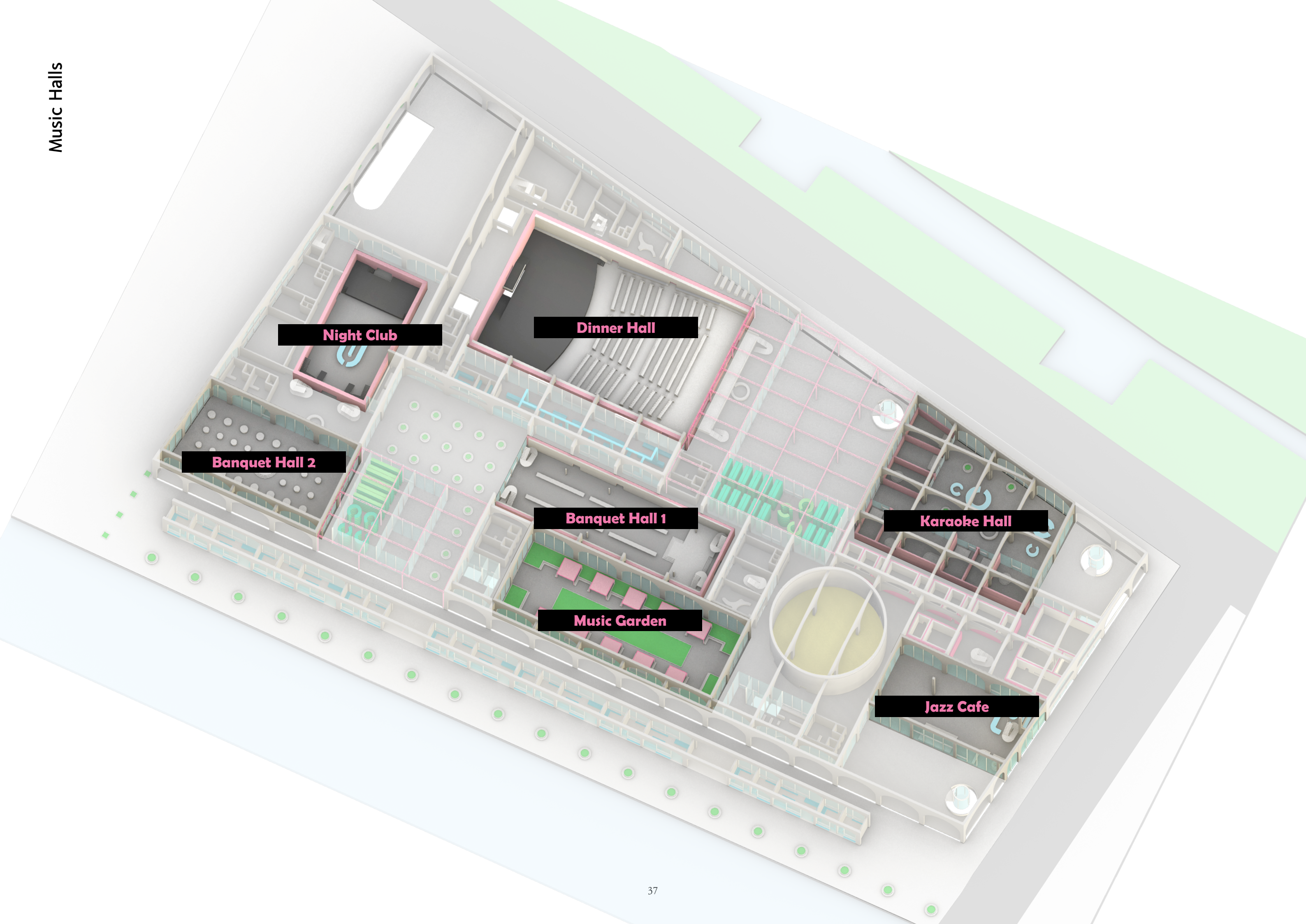
Circulation



Circulation



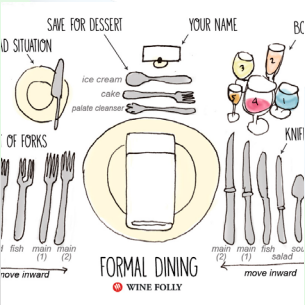
- Audiences
- Musicians
- Workers



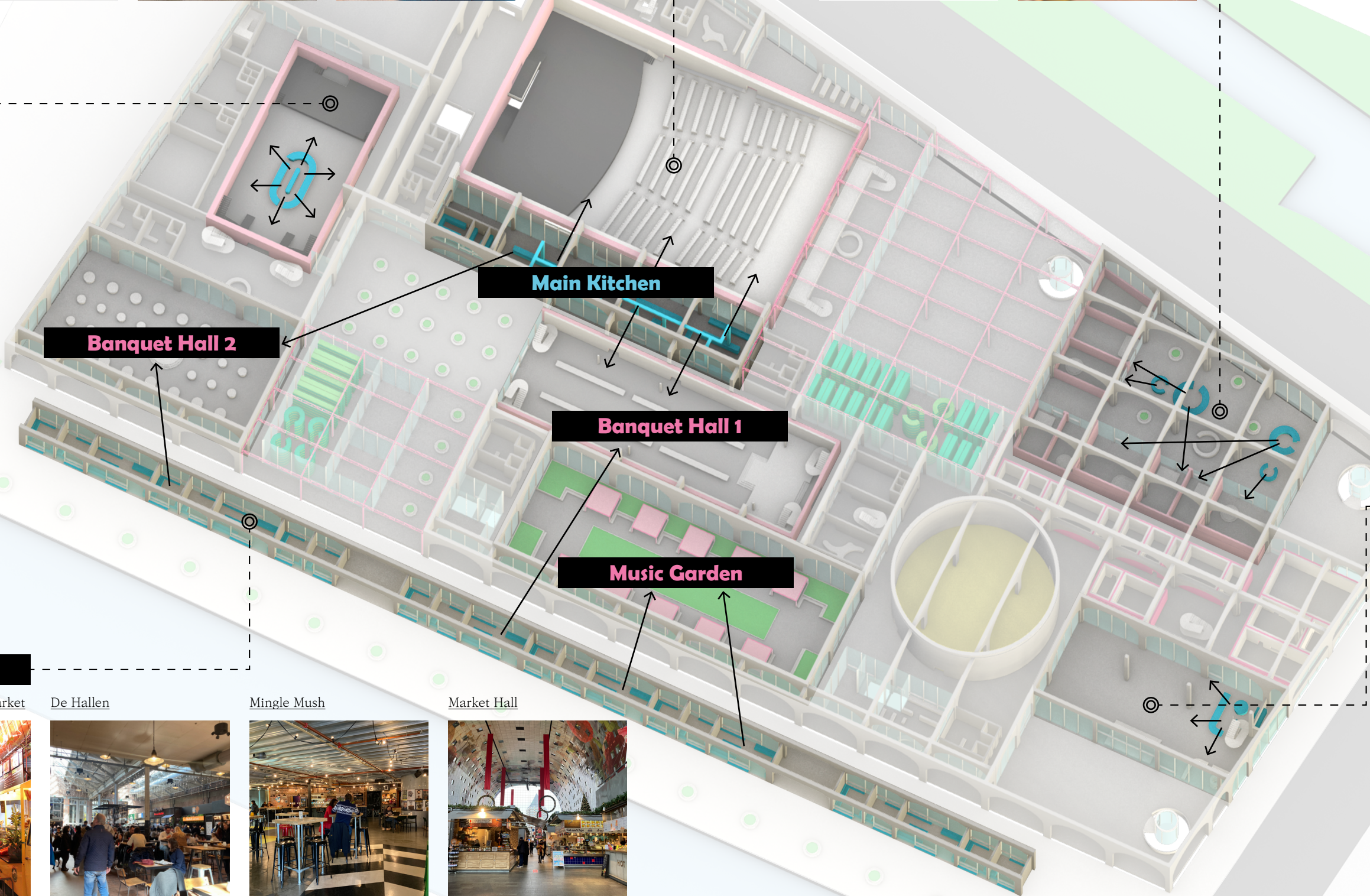
Night Club



Dinner Hall



Karaoke Hall



Food Court

Down Town Gourmet Market



Eindhoven

De Hallen



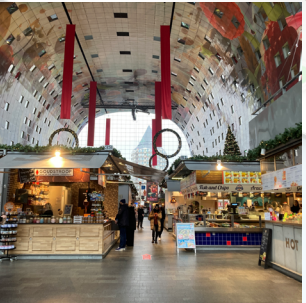
Amsterdam

Mingle Mush



The Hague

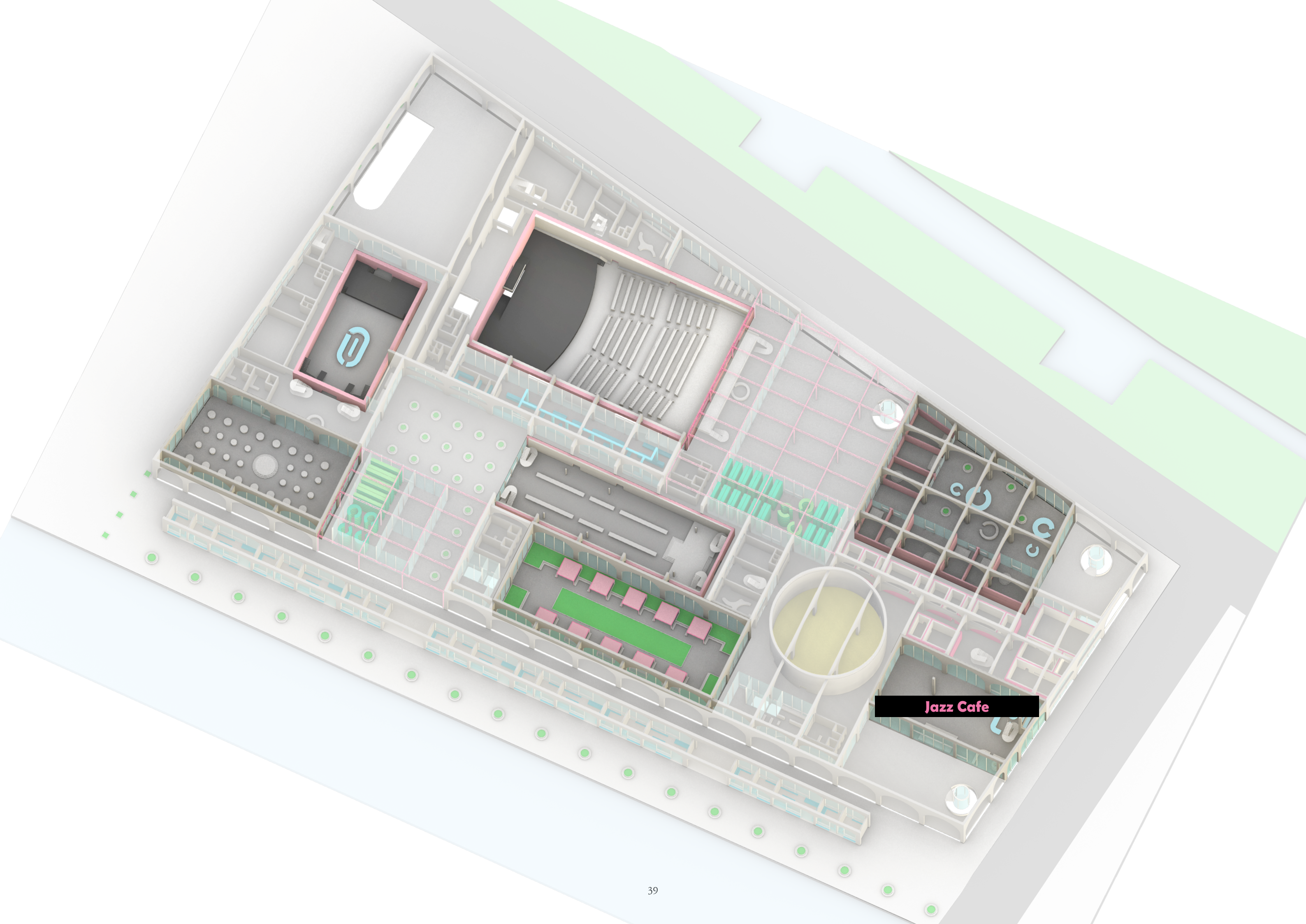
Market Hall



Rotterdam

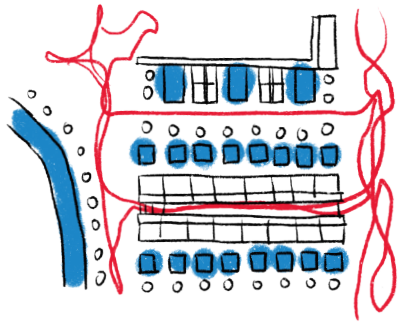
Jazz Cafe





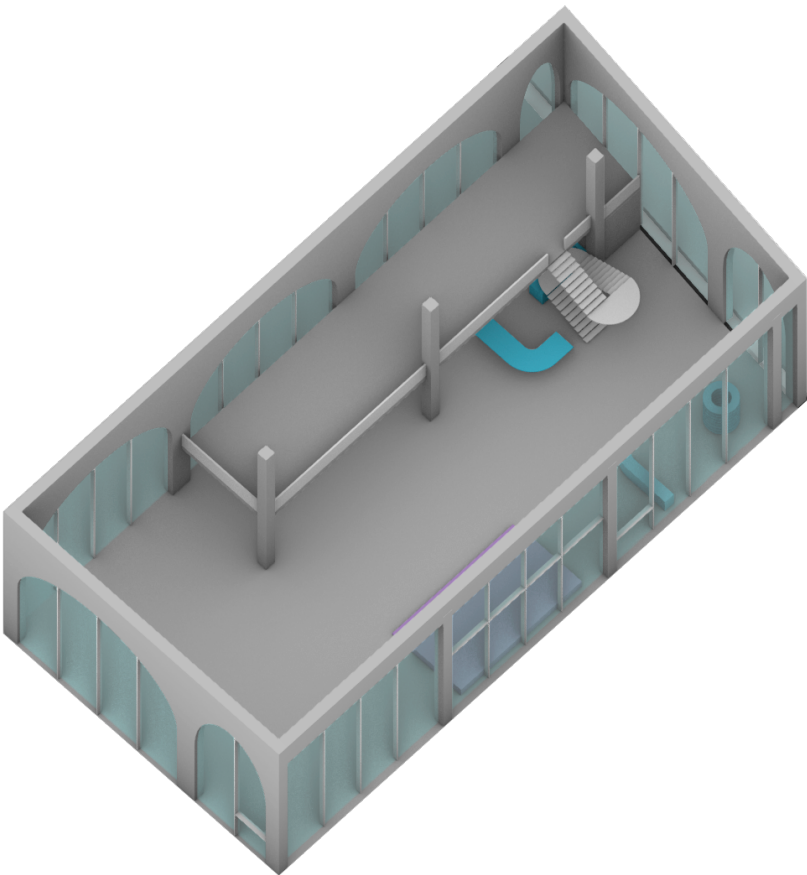
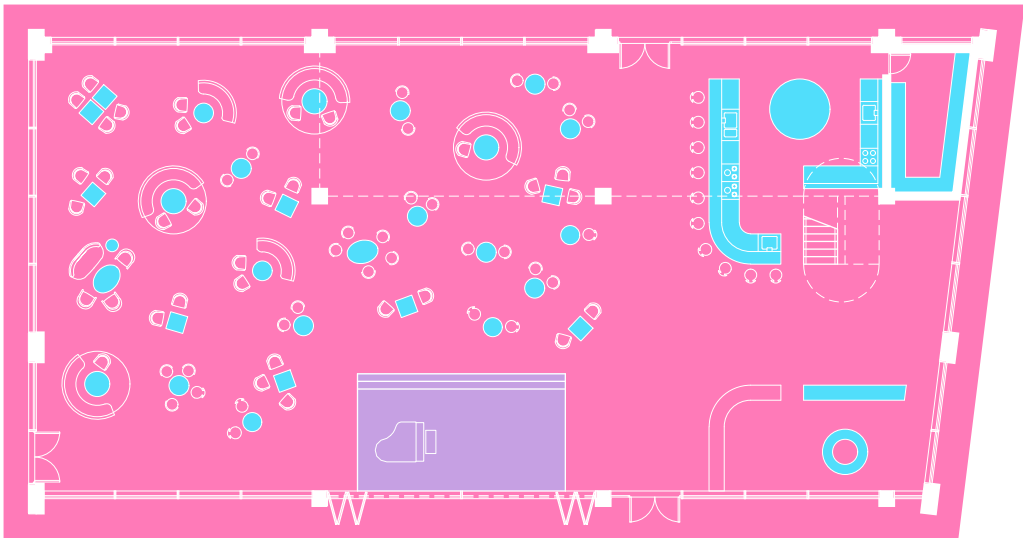
Jazz Cafe

Music Hall 1. Jazz Cafe



Music

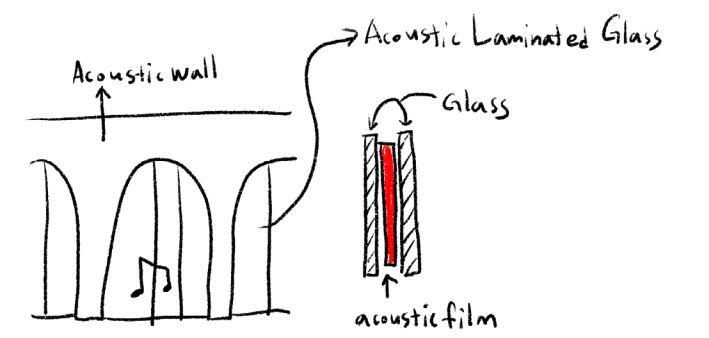
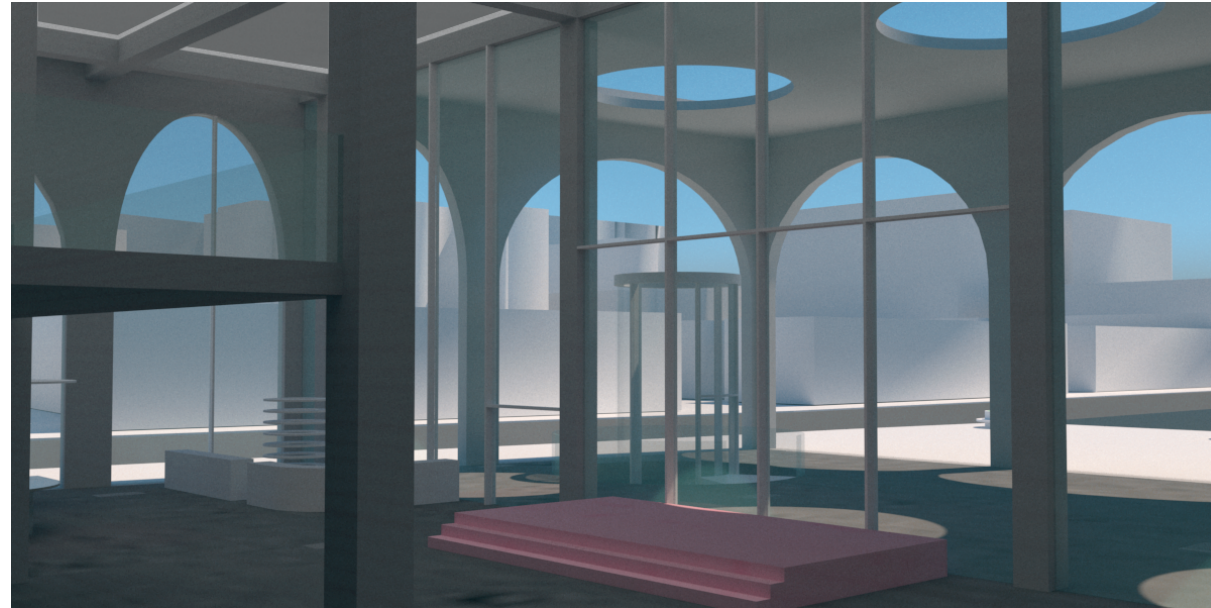
Food



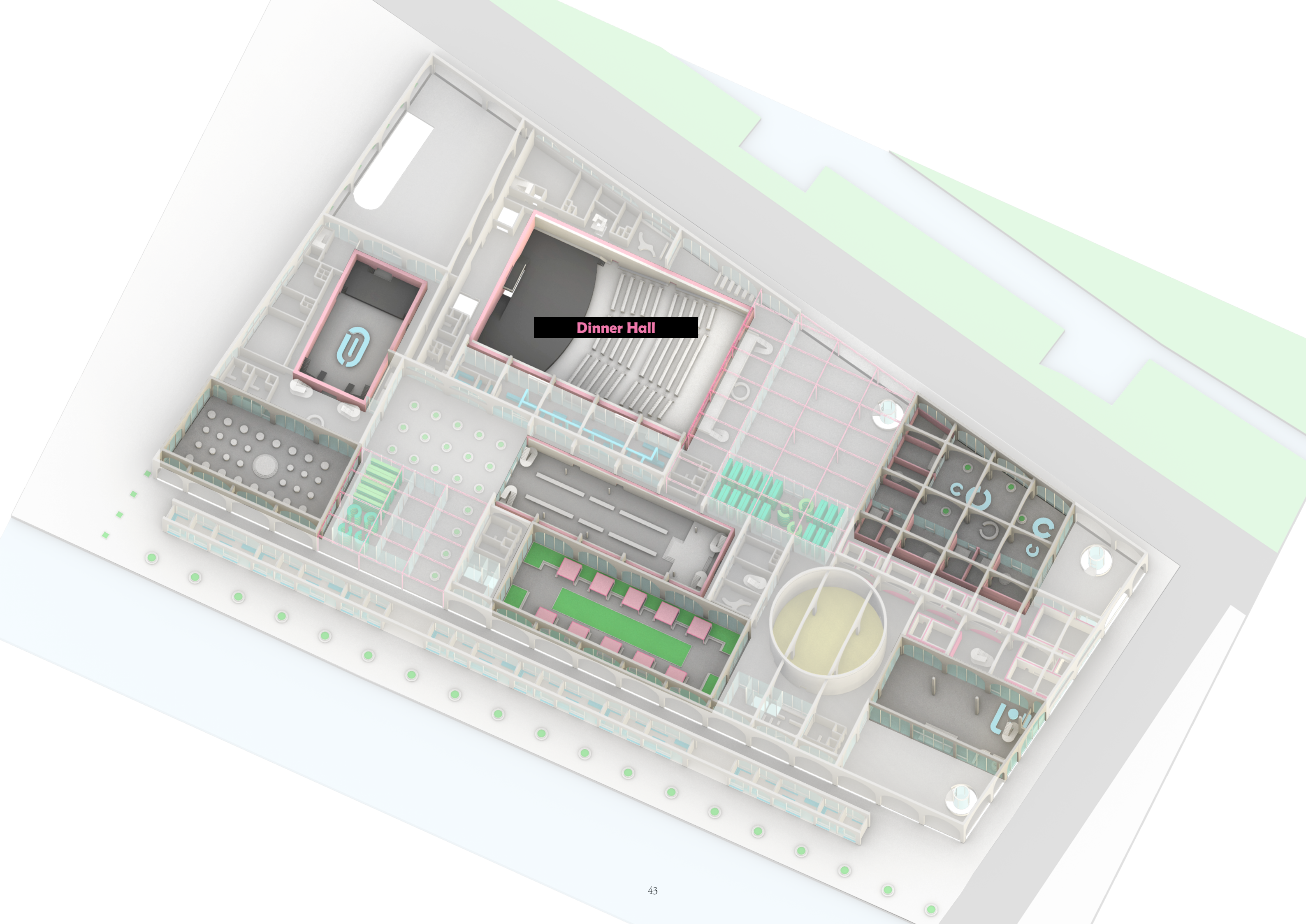
Open Hours
11am - 5pm

Area
814 m²

Capacity
flexible (current: 133 seats)

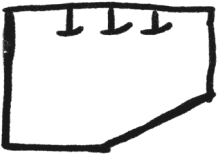
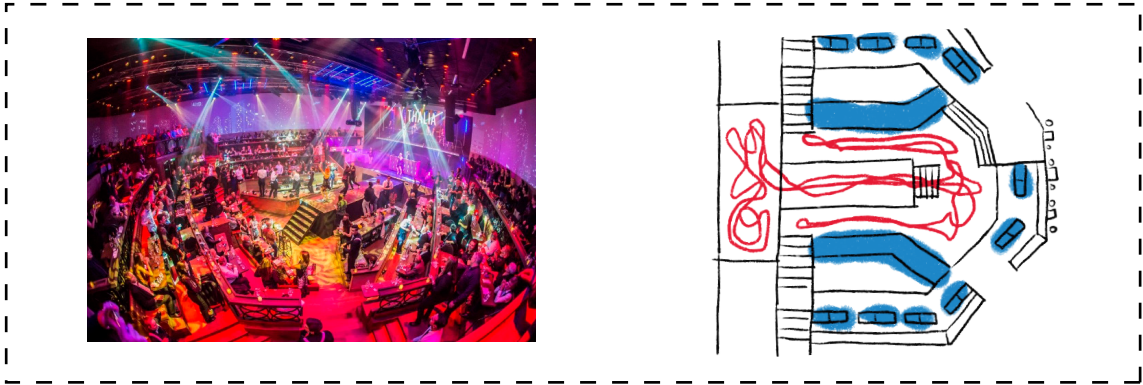
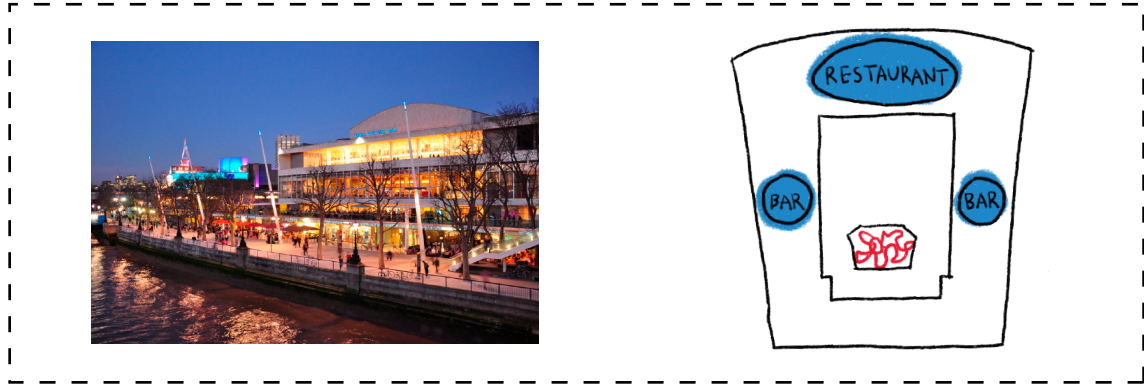






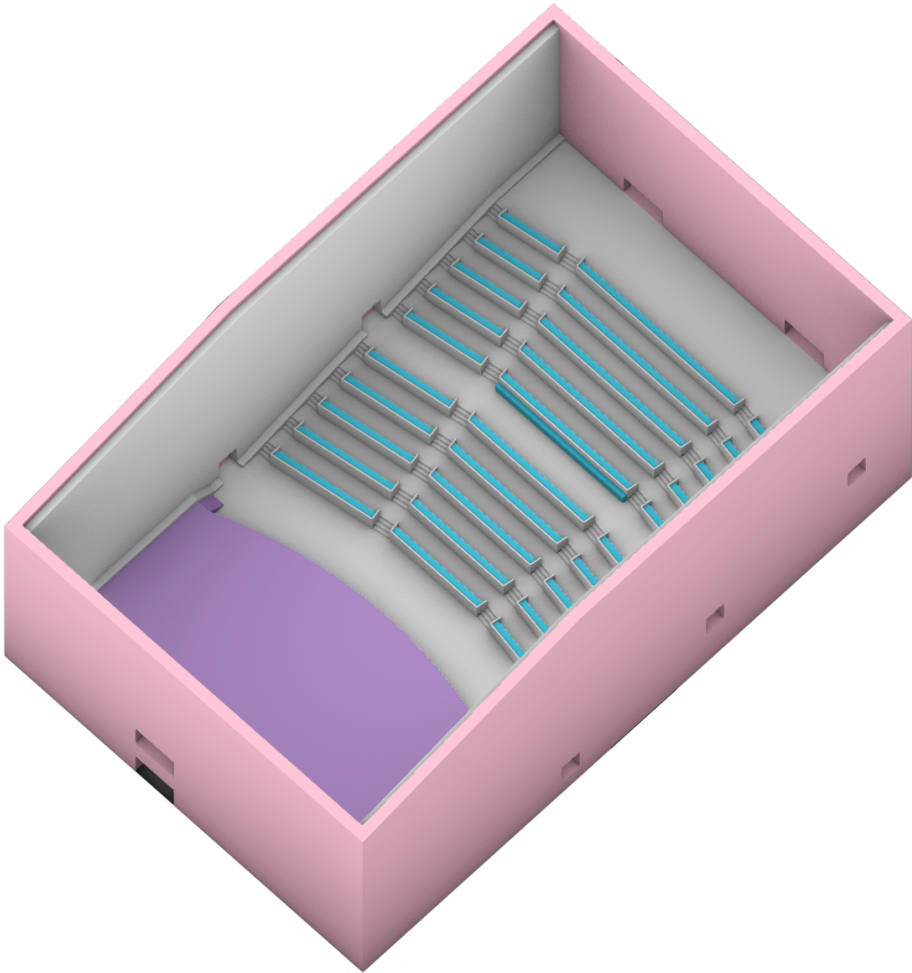
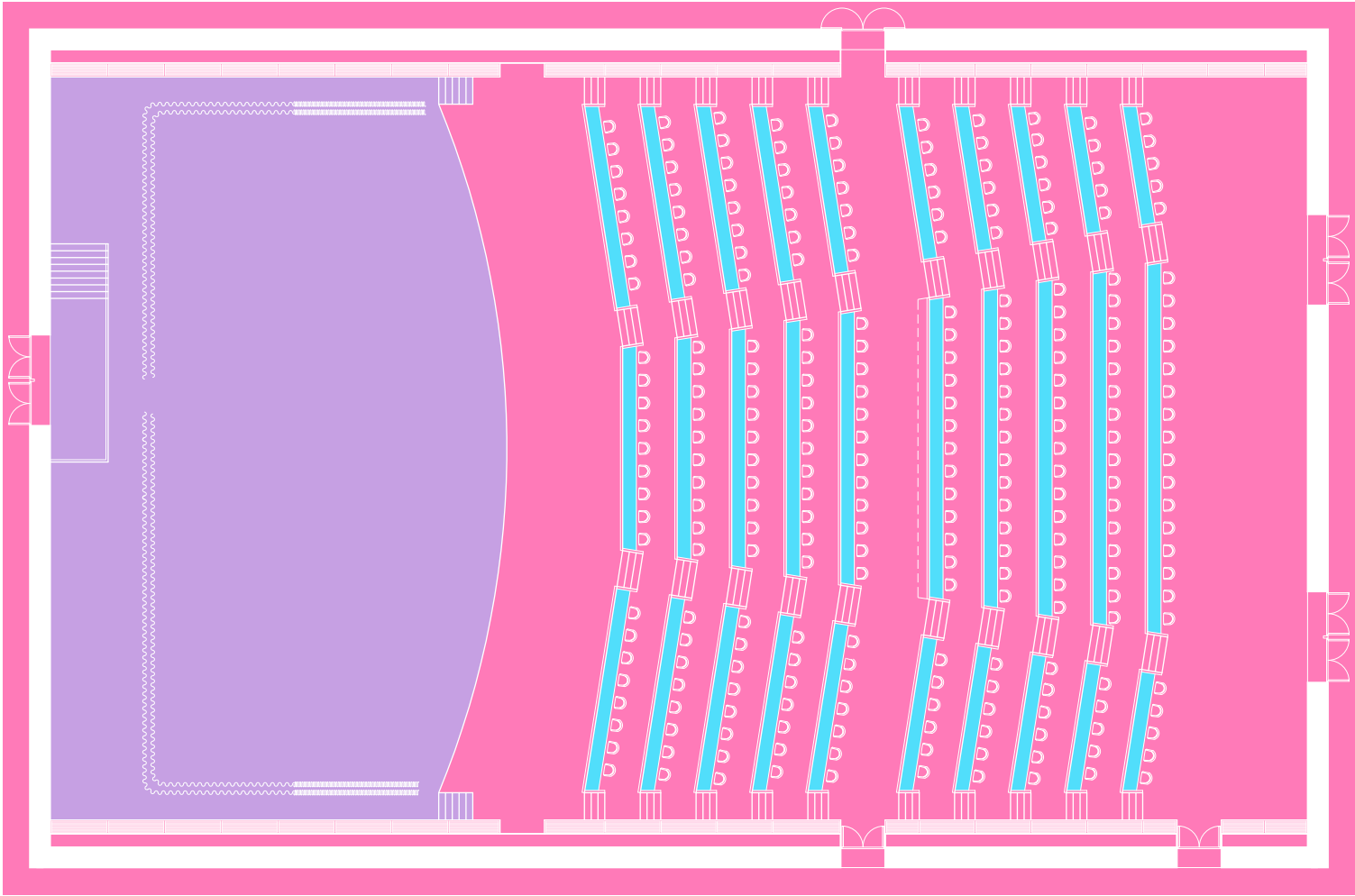
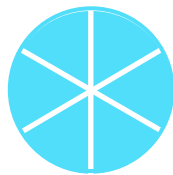
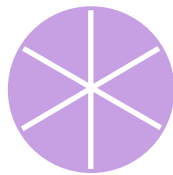
Dinner Hall

Music Hall 2. Dinner Hall



Music

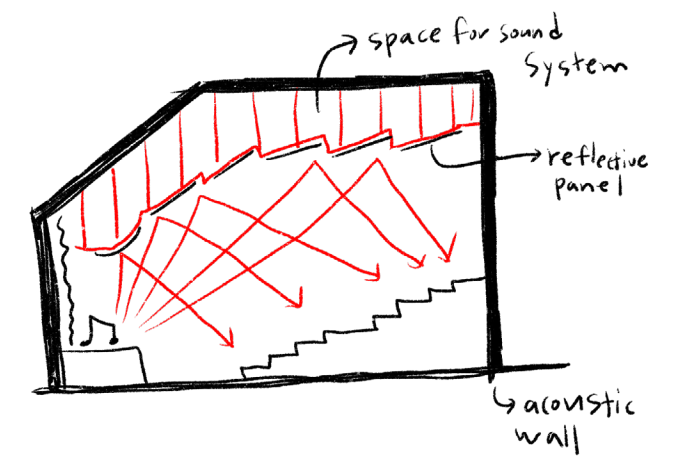
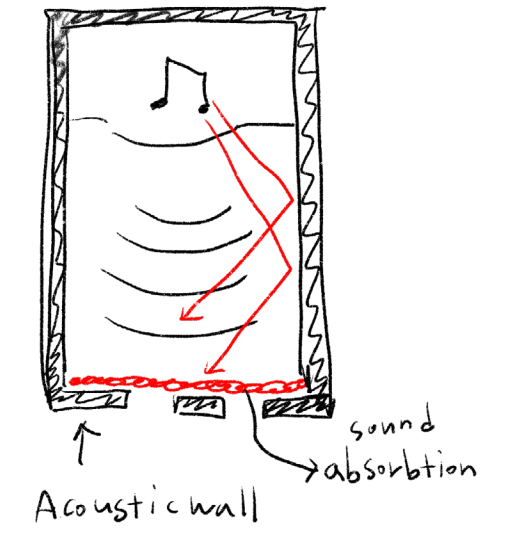
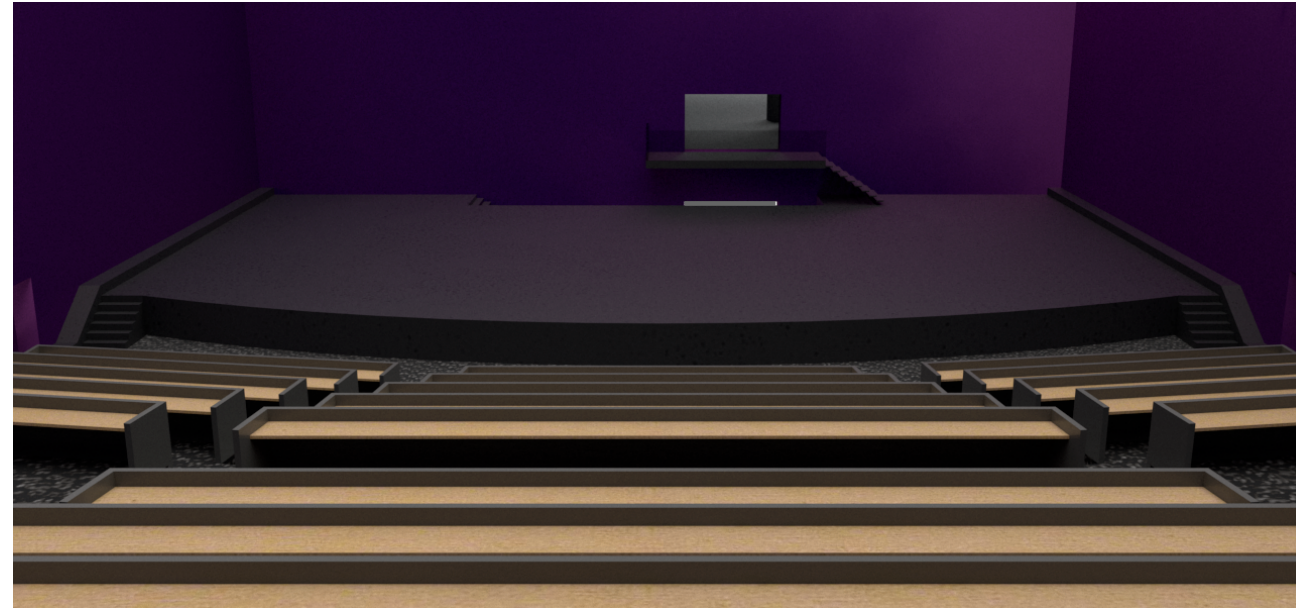
Food



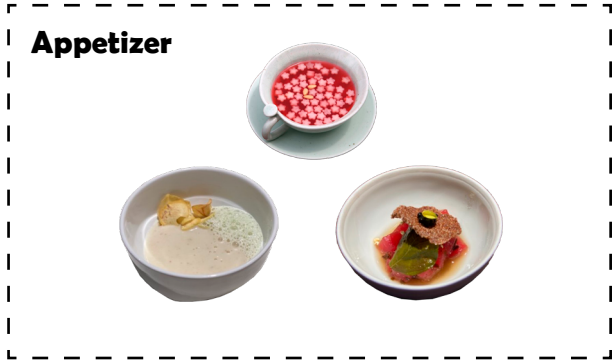
Open Hours
6pm - 12am

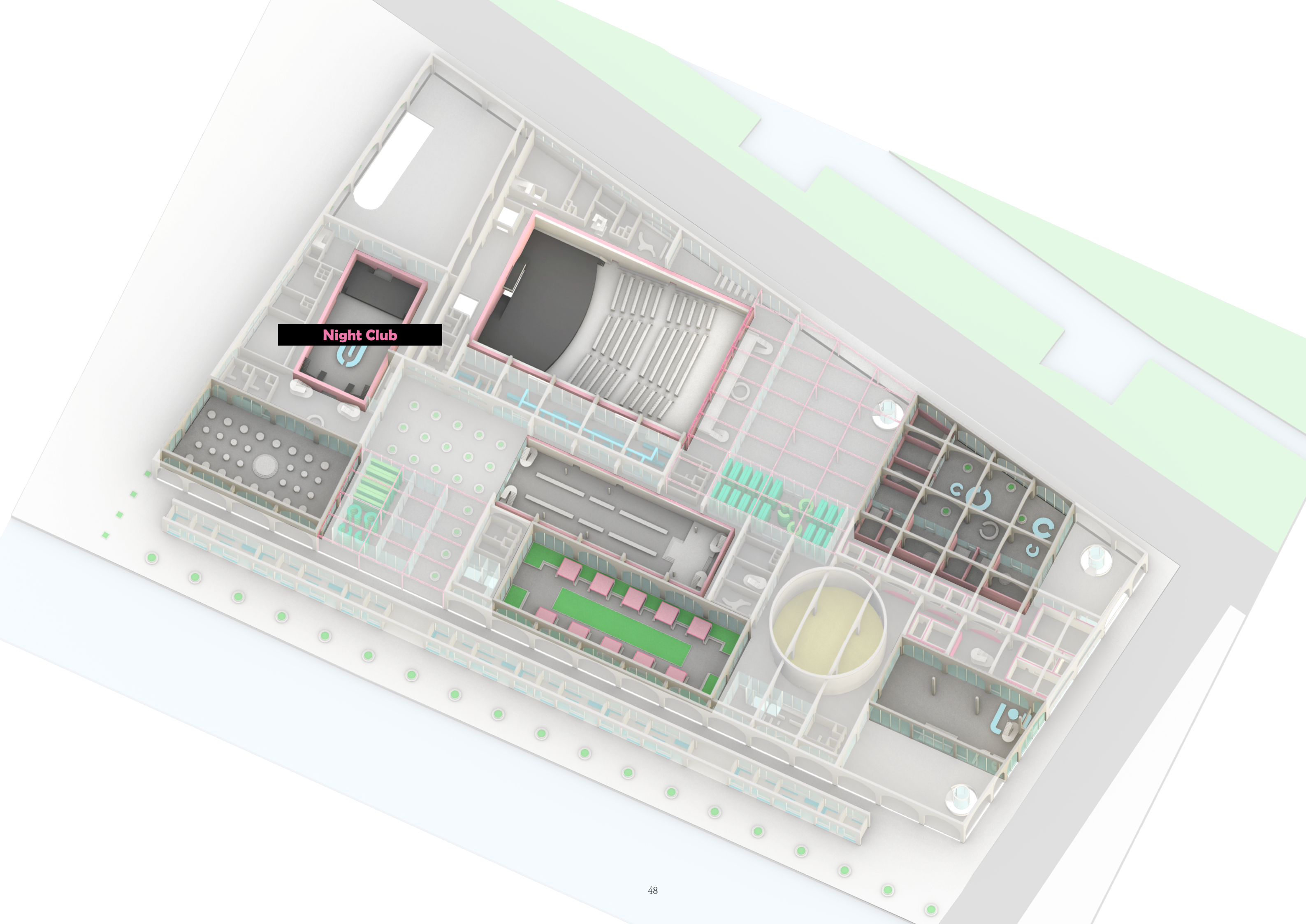
Area
2025 m²

Capacity
258 seats



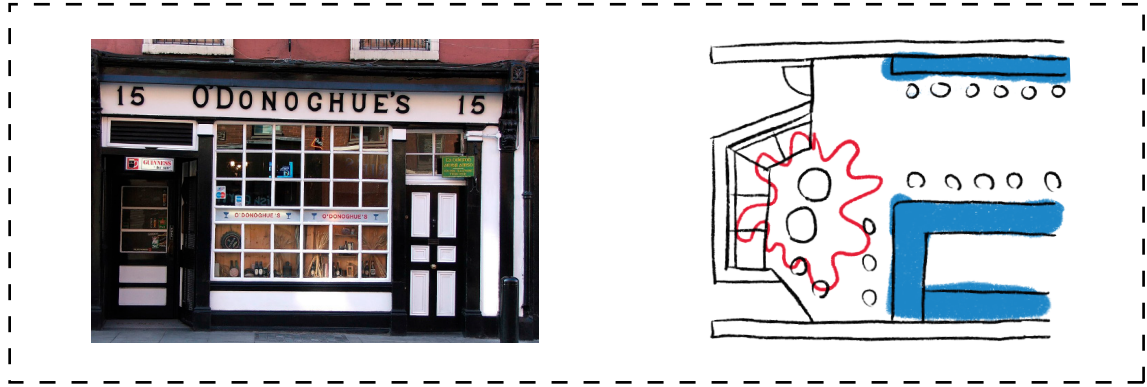






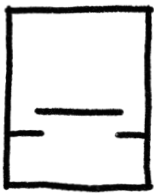
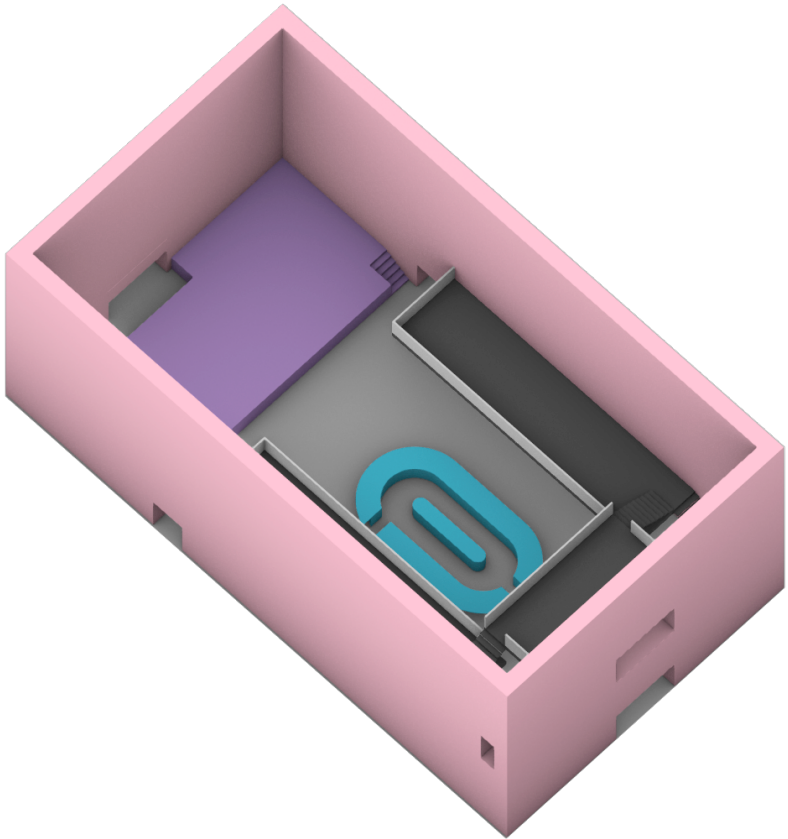
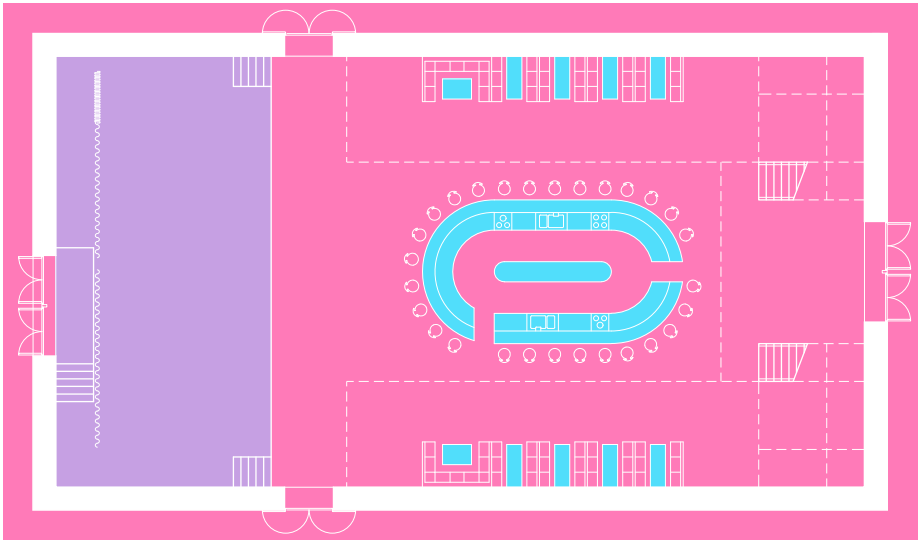
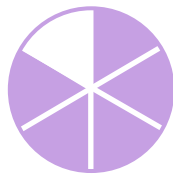
Night Club

Music Hall 3. Night Club



Music

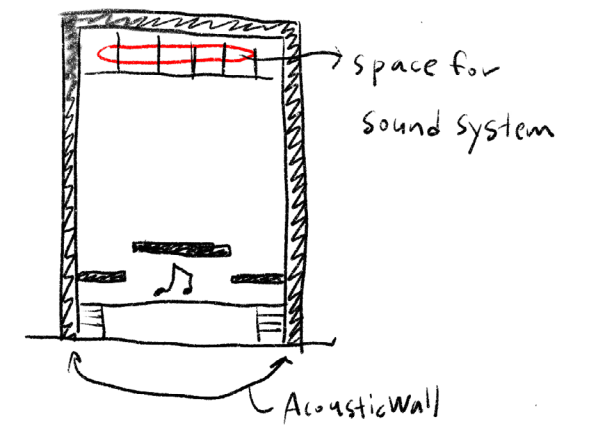
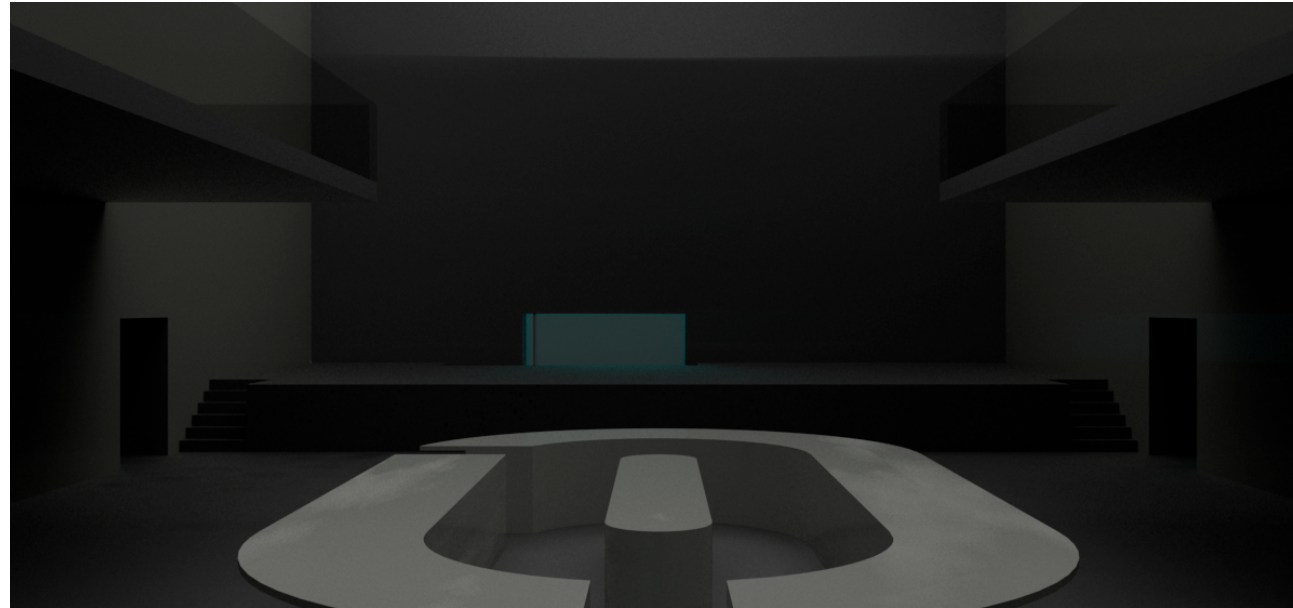
Food



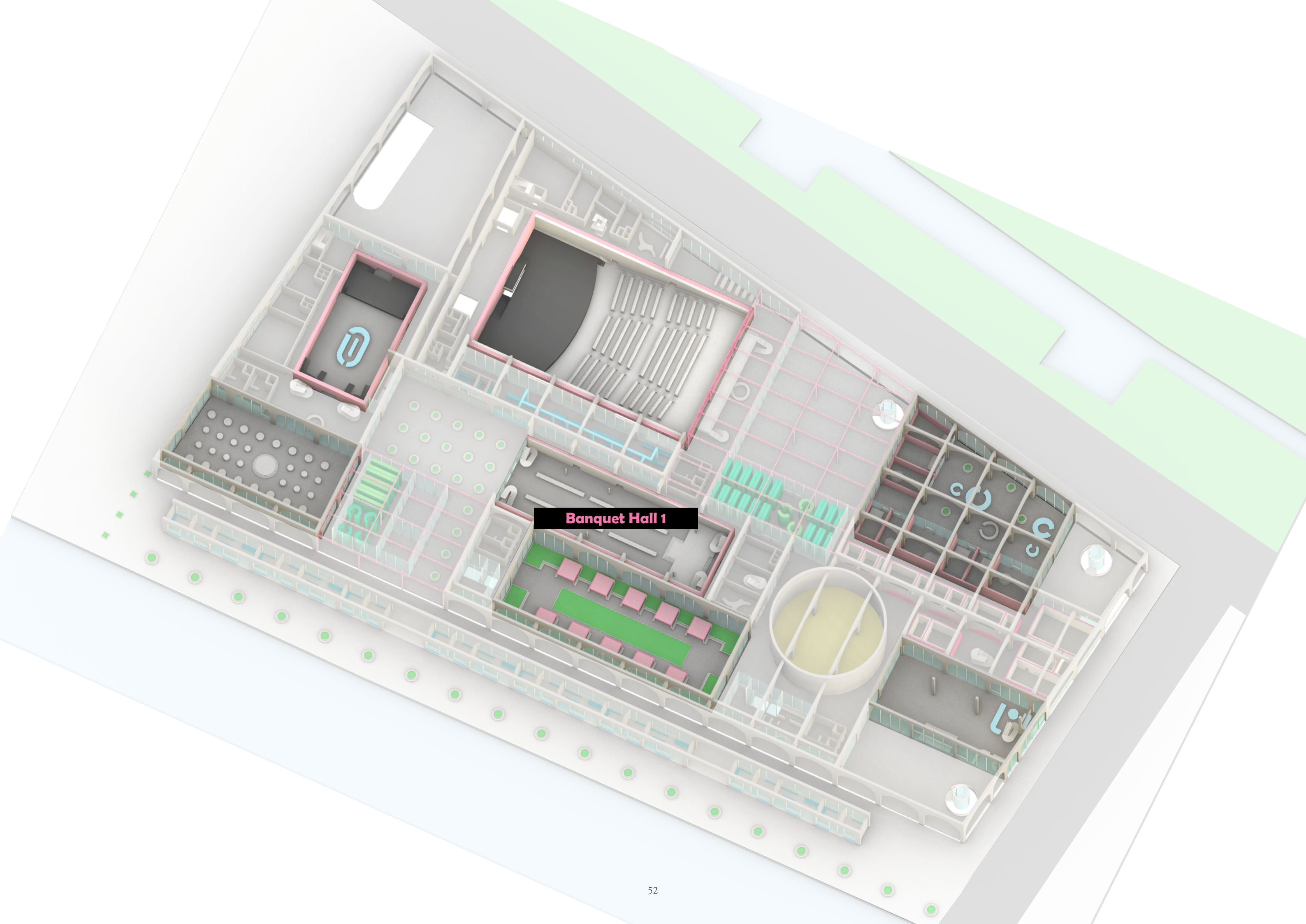
Open Hours
8pm - 2am

Area
800 m²

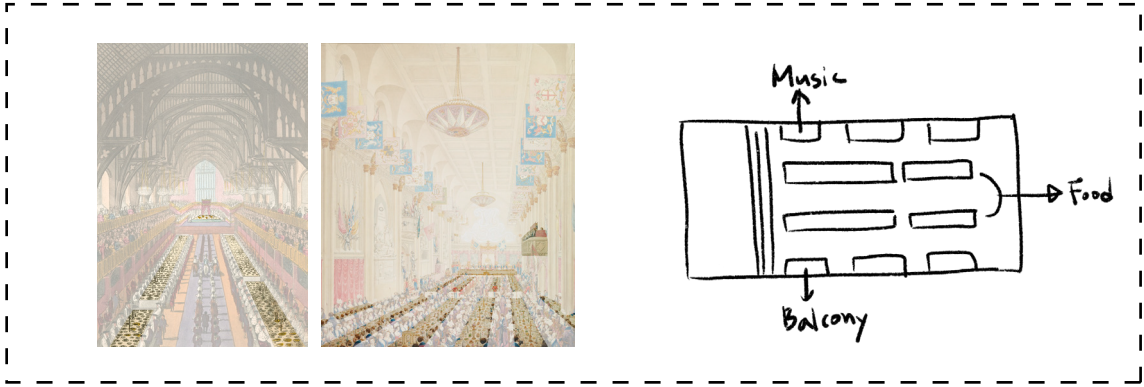
Capacity
90 seats, 400 standings





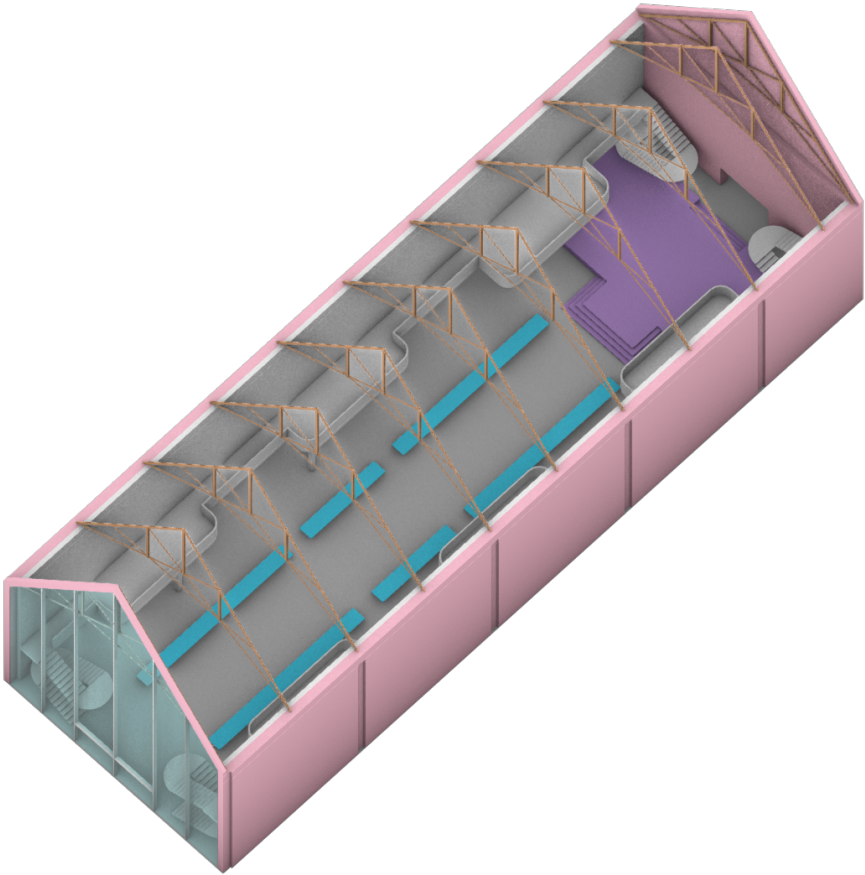
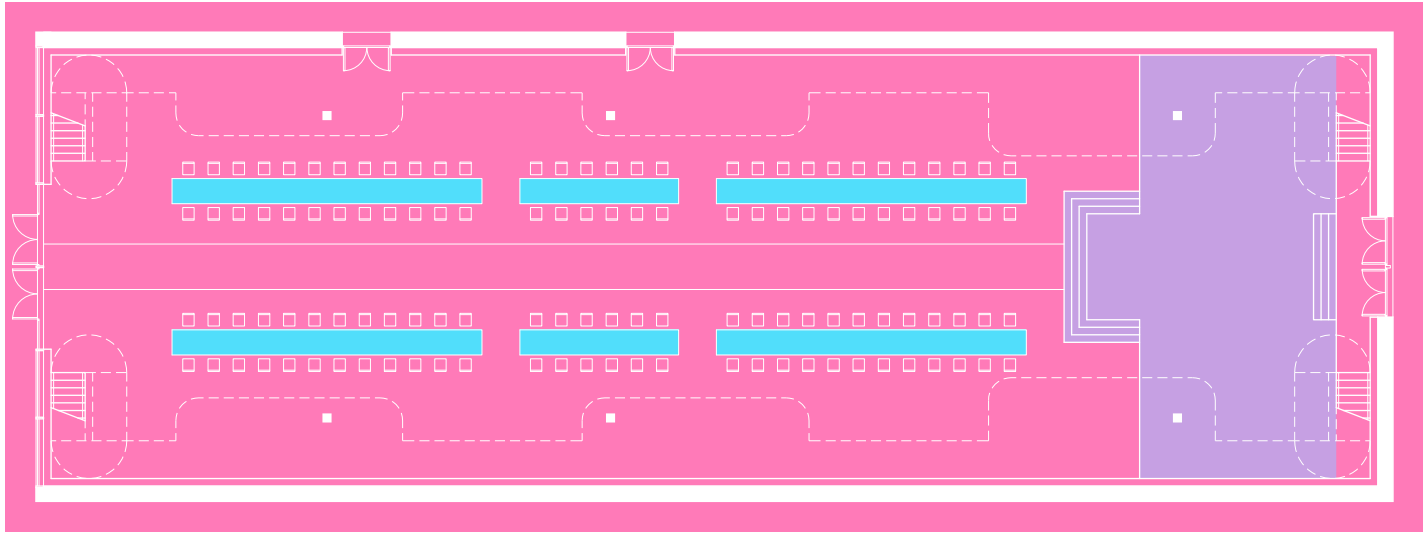
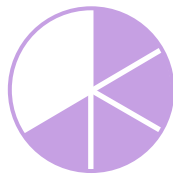


Banquet Hall 1



Music

Food



Open Hours

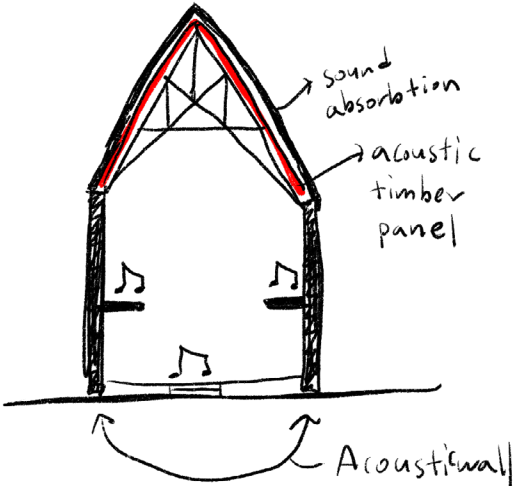
reservation system

Area

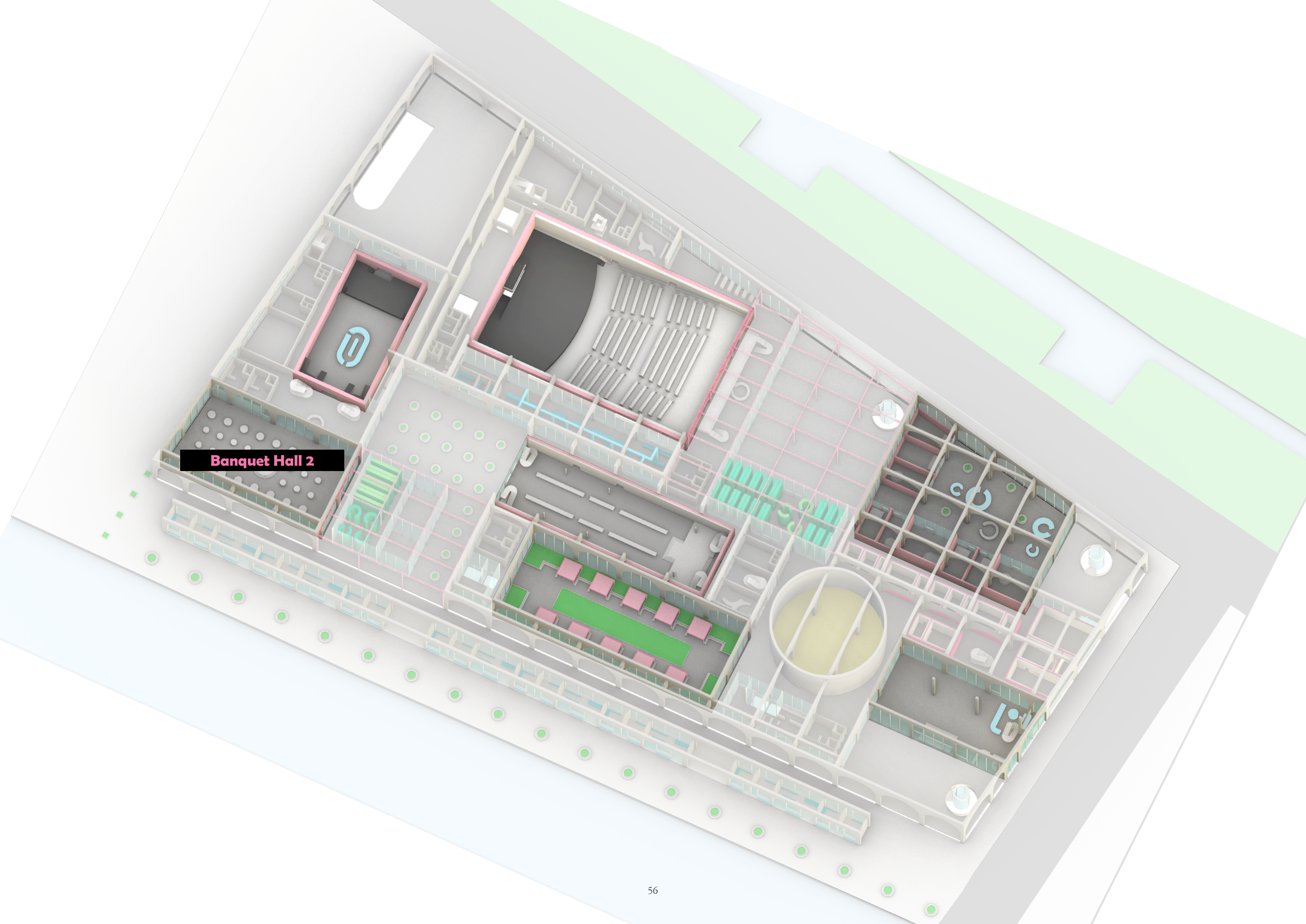
1220 m²

Capacity

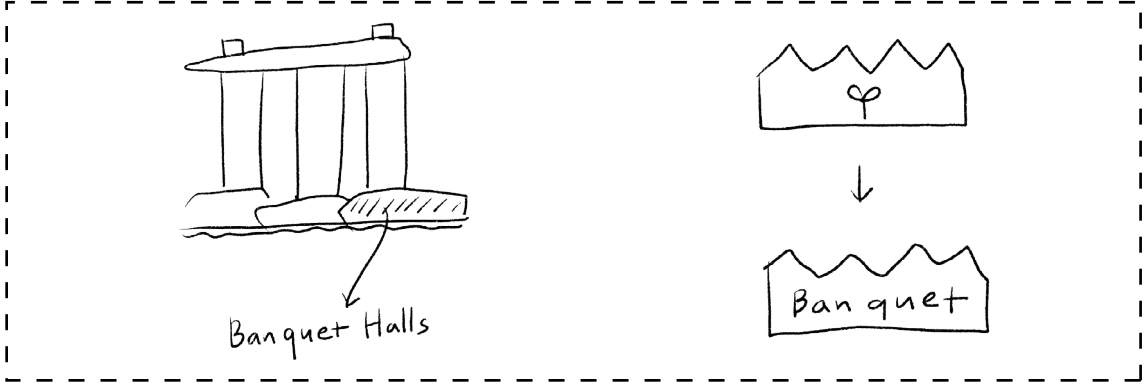
120 seats, standings





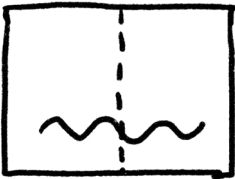
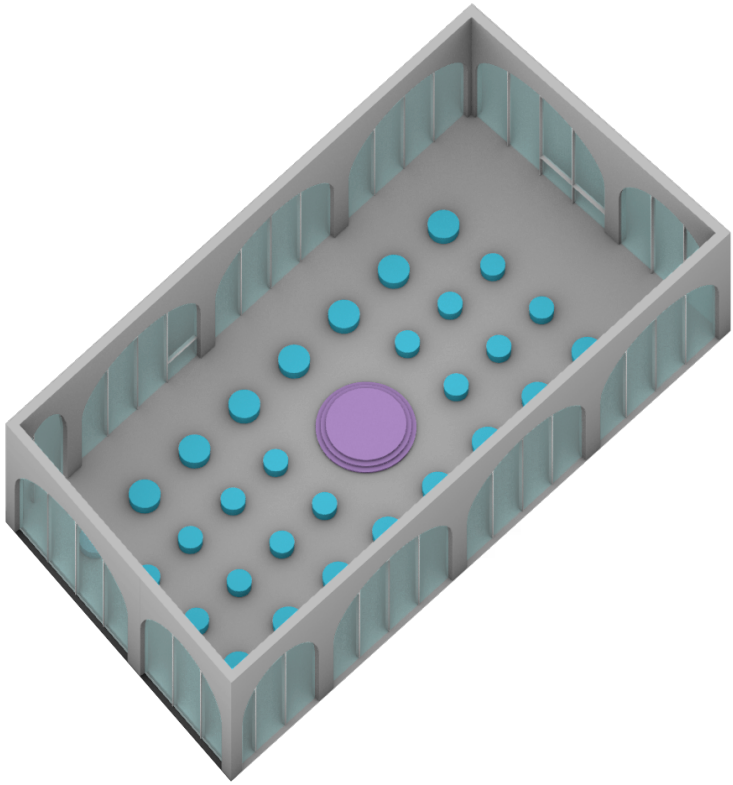
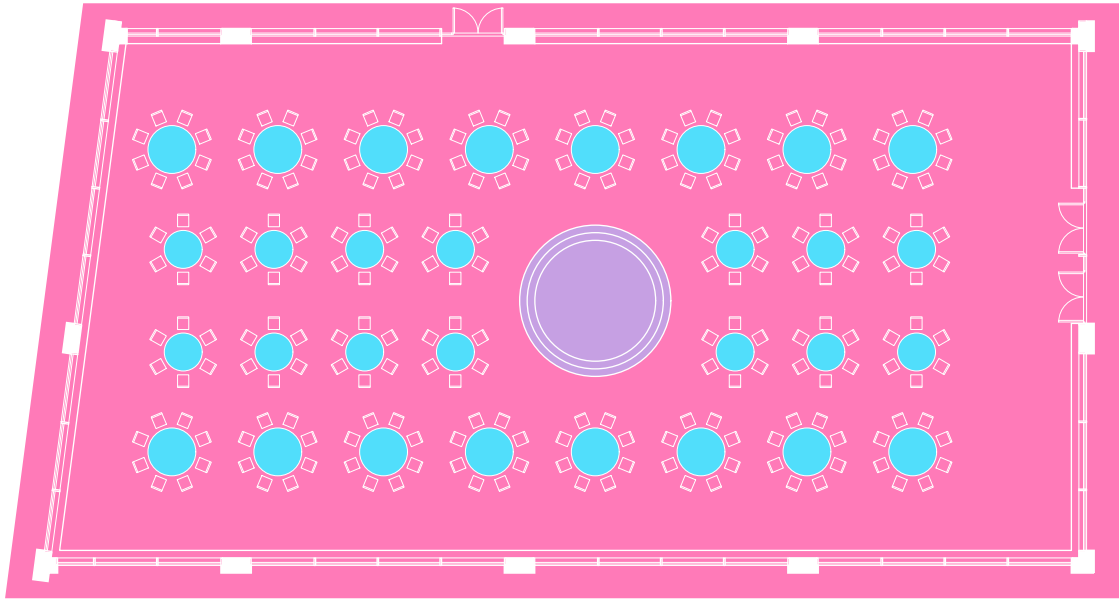
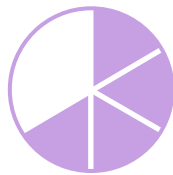


Banquet Hall 2



Music

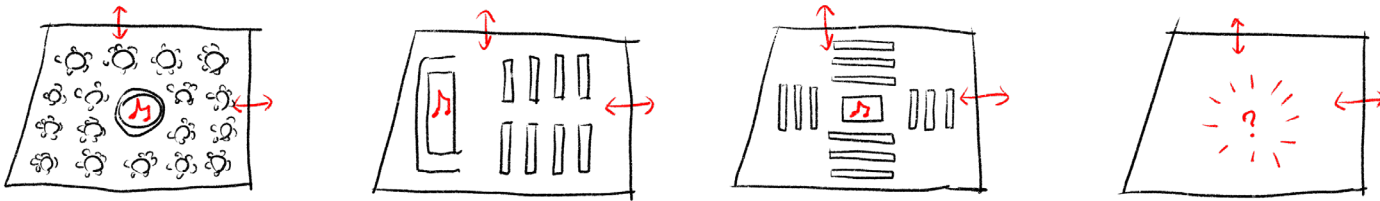
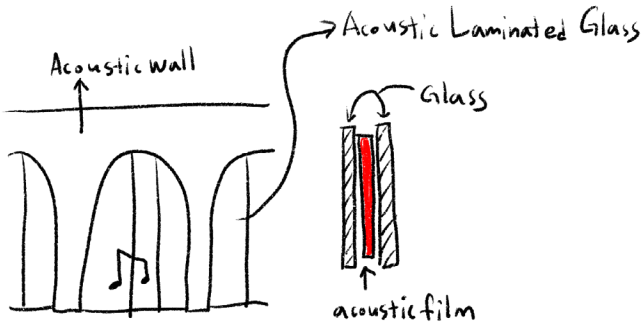
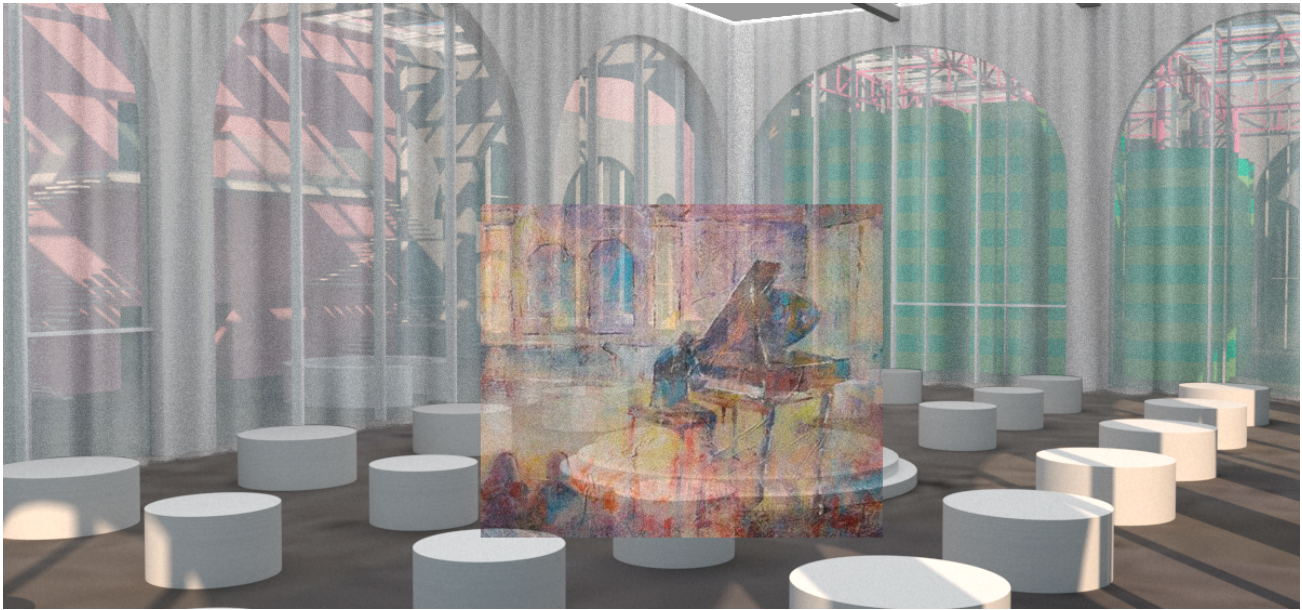
Food



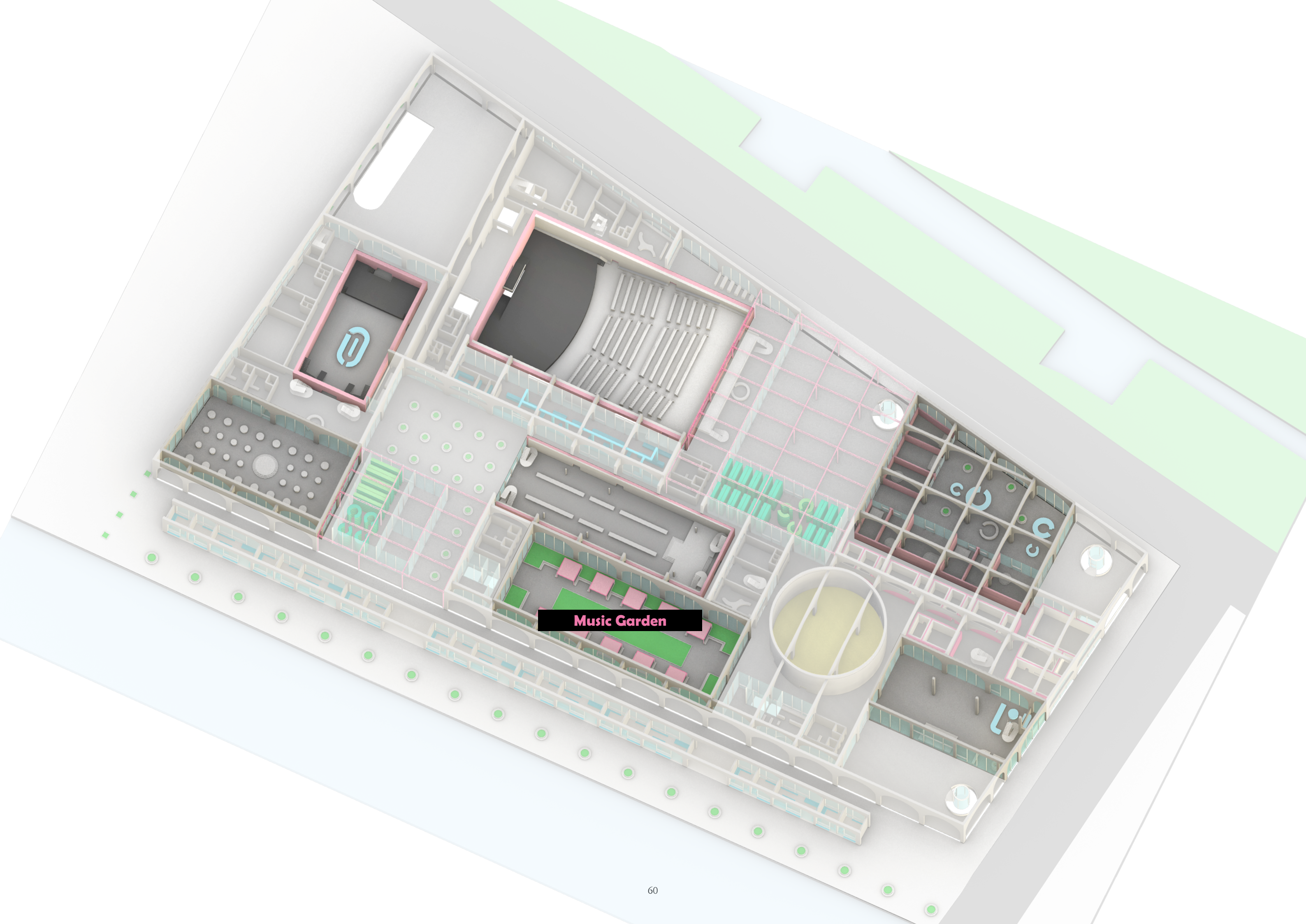
Open Hours
reservation system

Area
841 m²

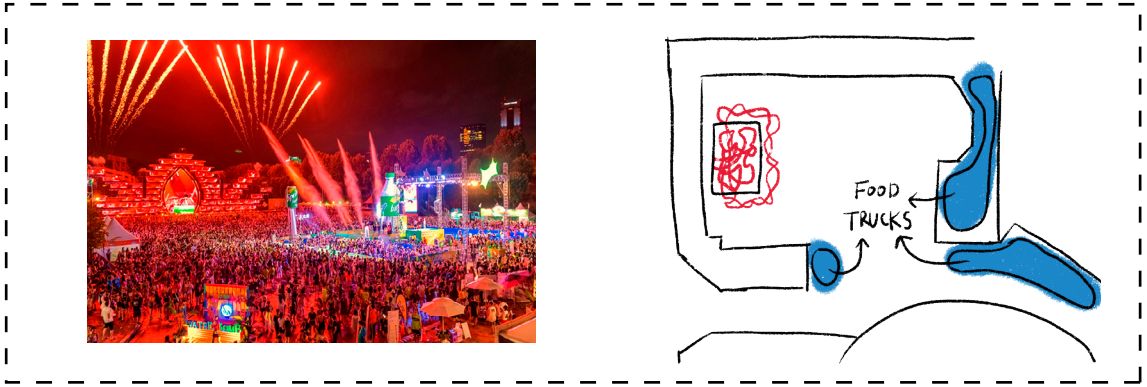
Capacity
flexible (current: 212 seats)





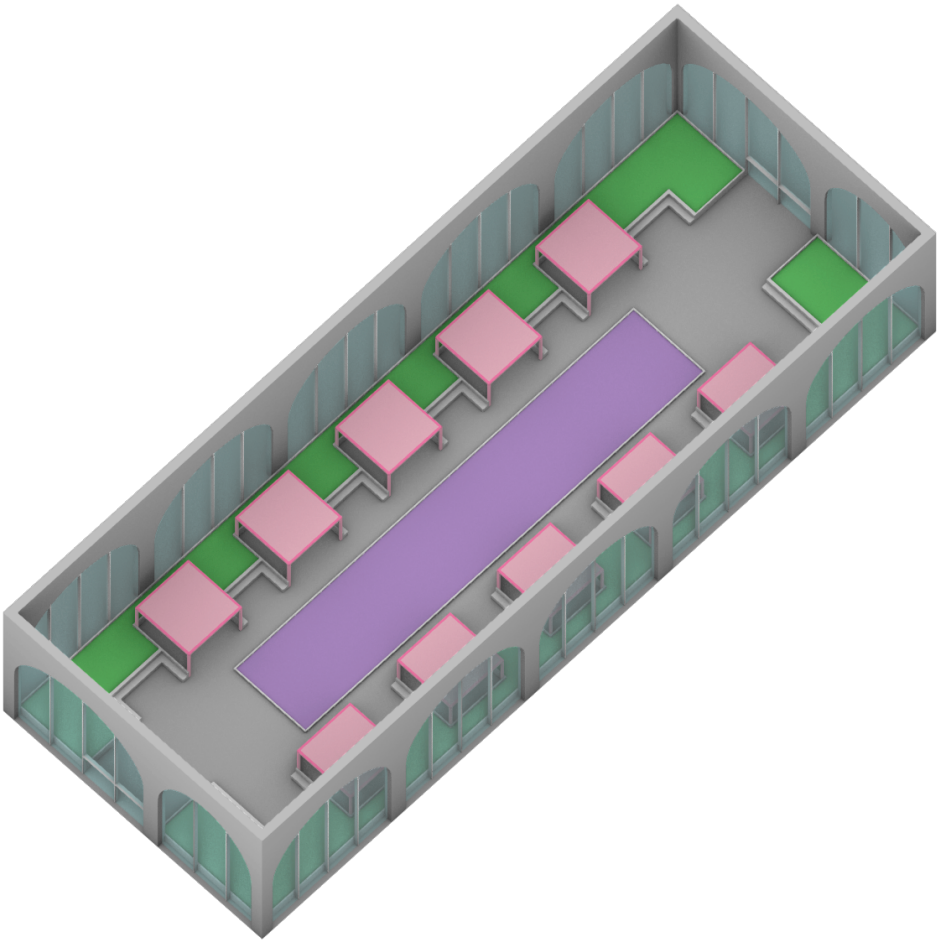
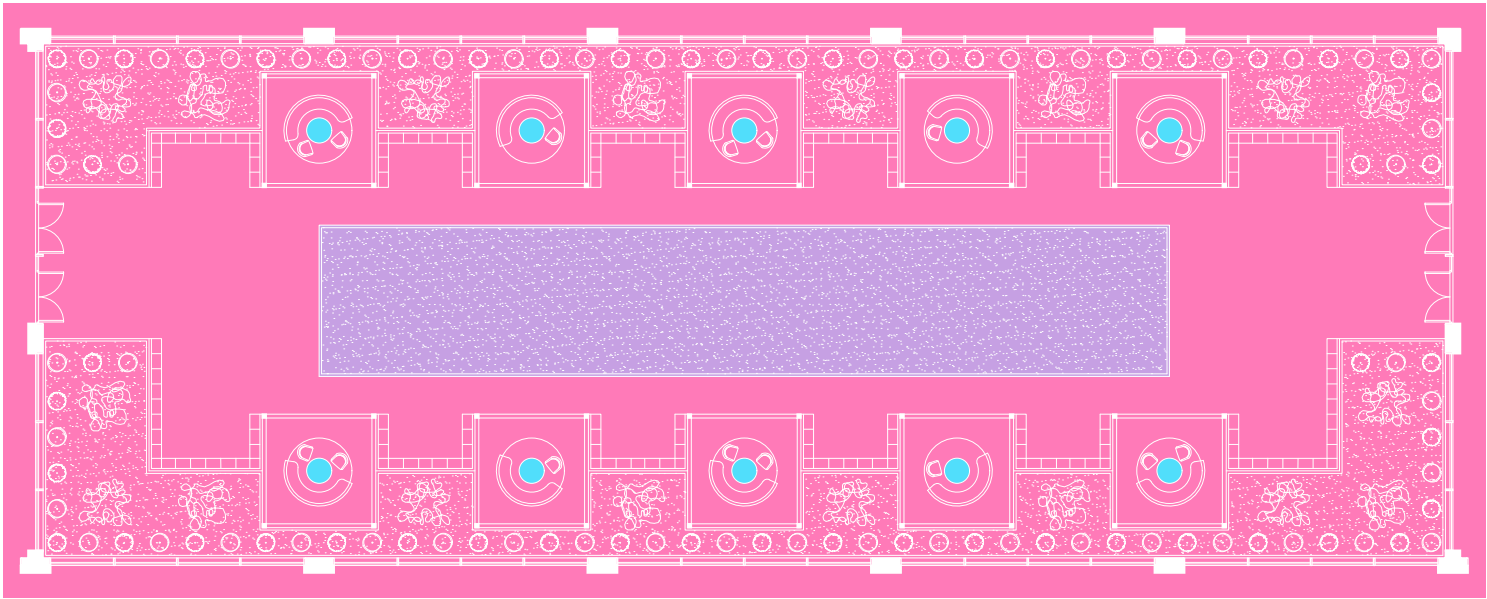
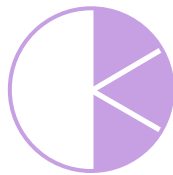


Music Garden



Music

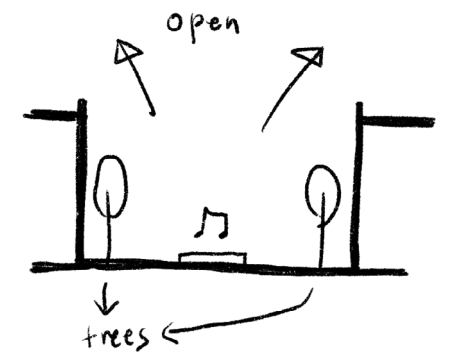
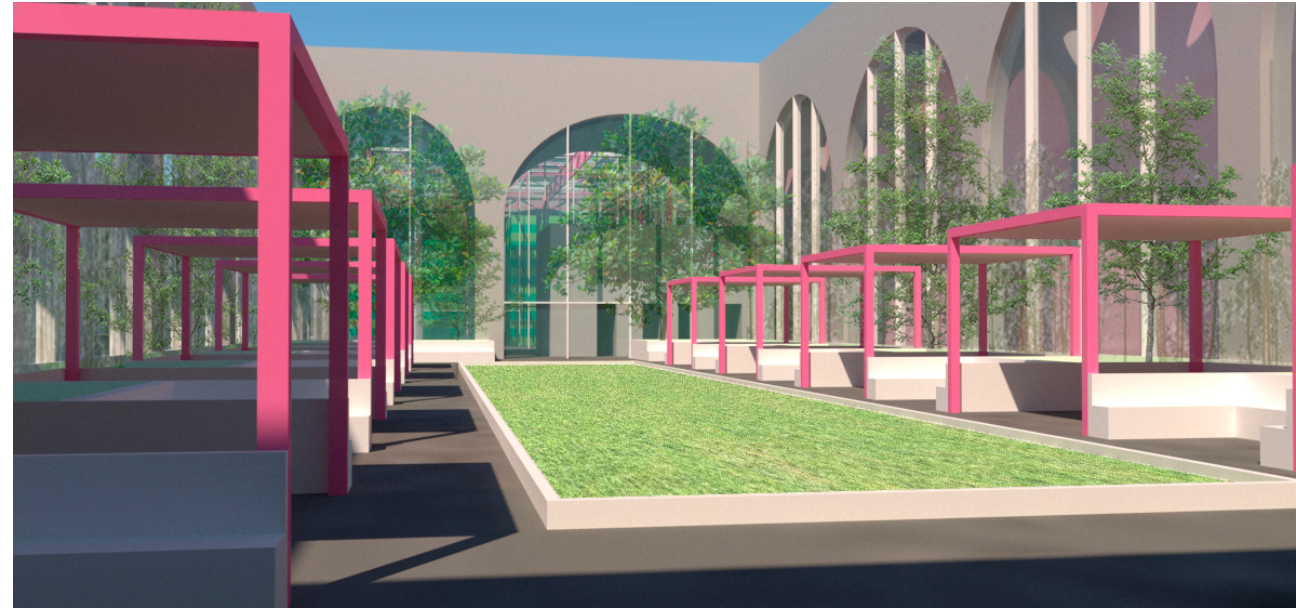
Food



Open Hours
11am - 10pm

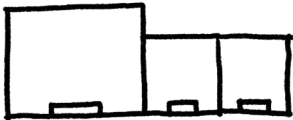
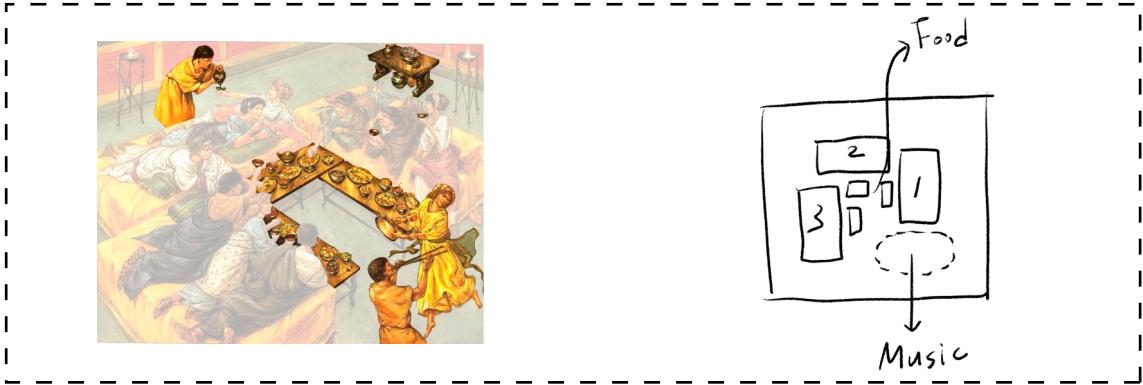
Area
1181 m²

Capacity
192 seats



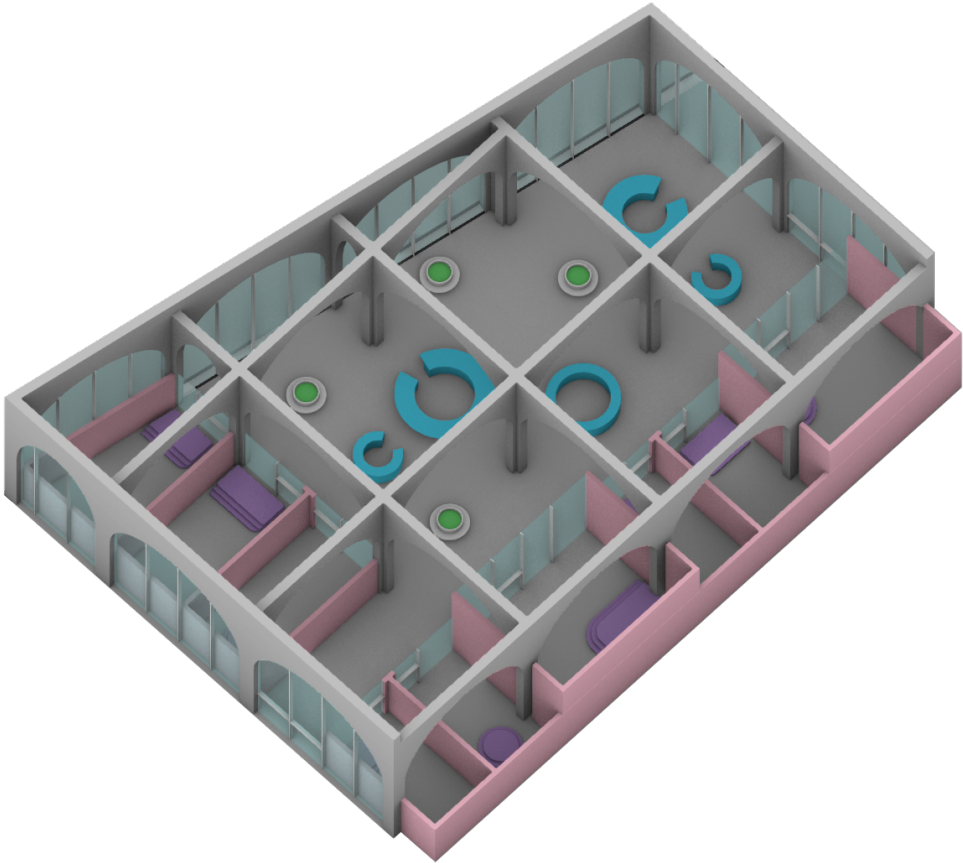
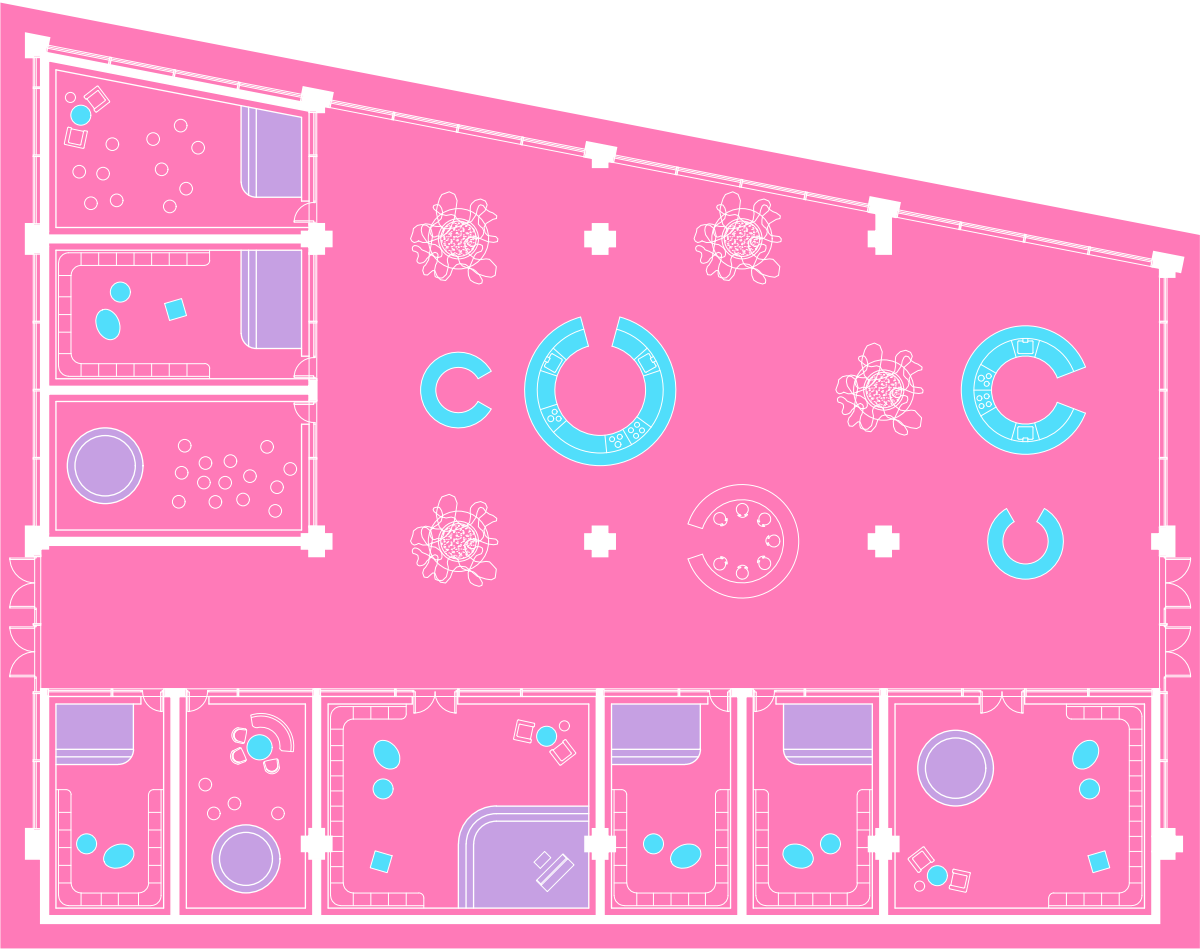
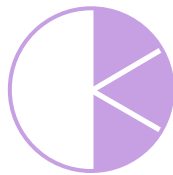






Music

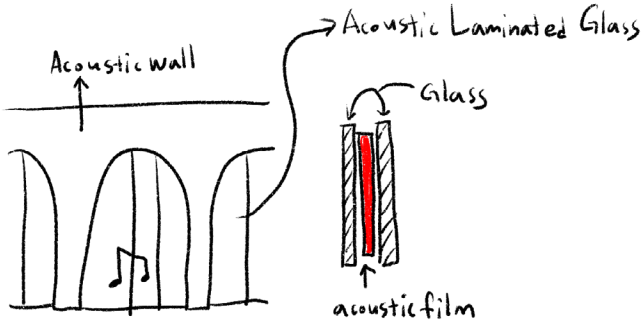
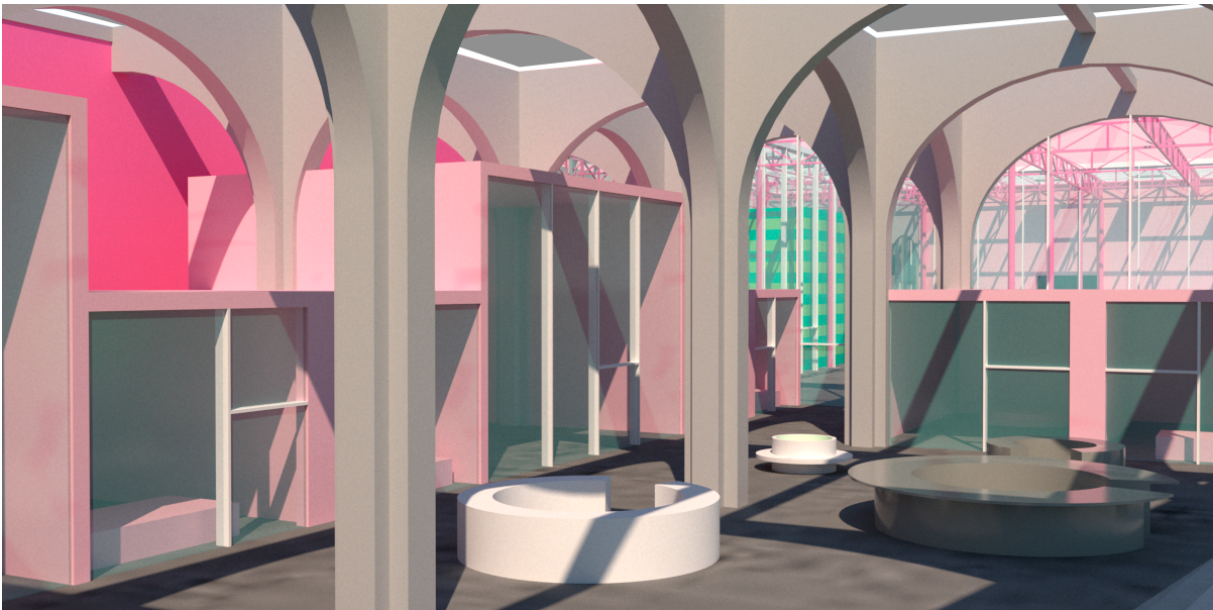
Food



Open Hours
11am - 2am

Area
1370 m²

Capacity
around 165
(small room:15, big room 30)

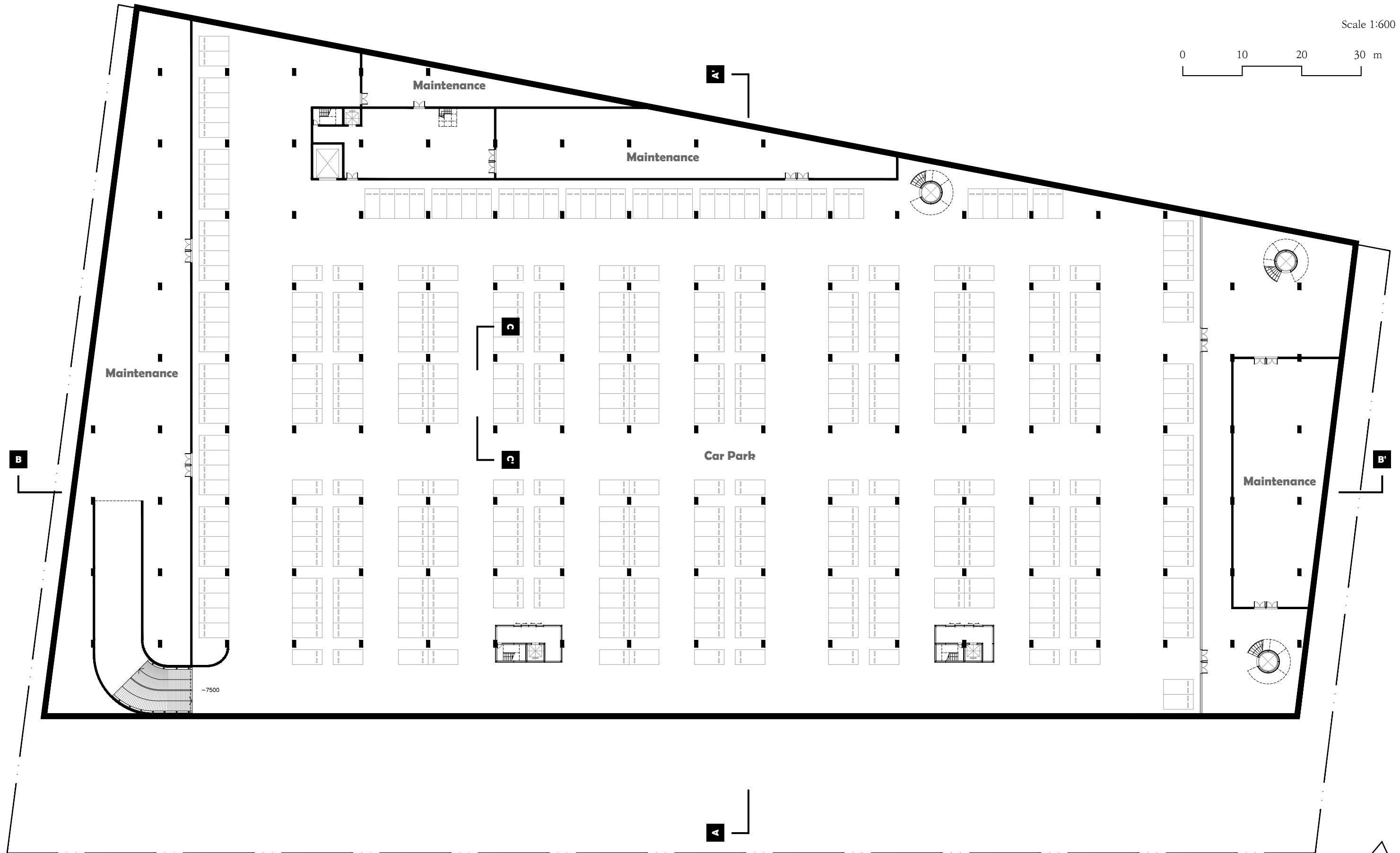




Second Basement Floor Plan

Scale 1:600

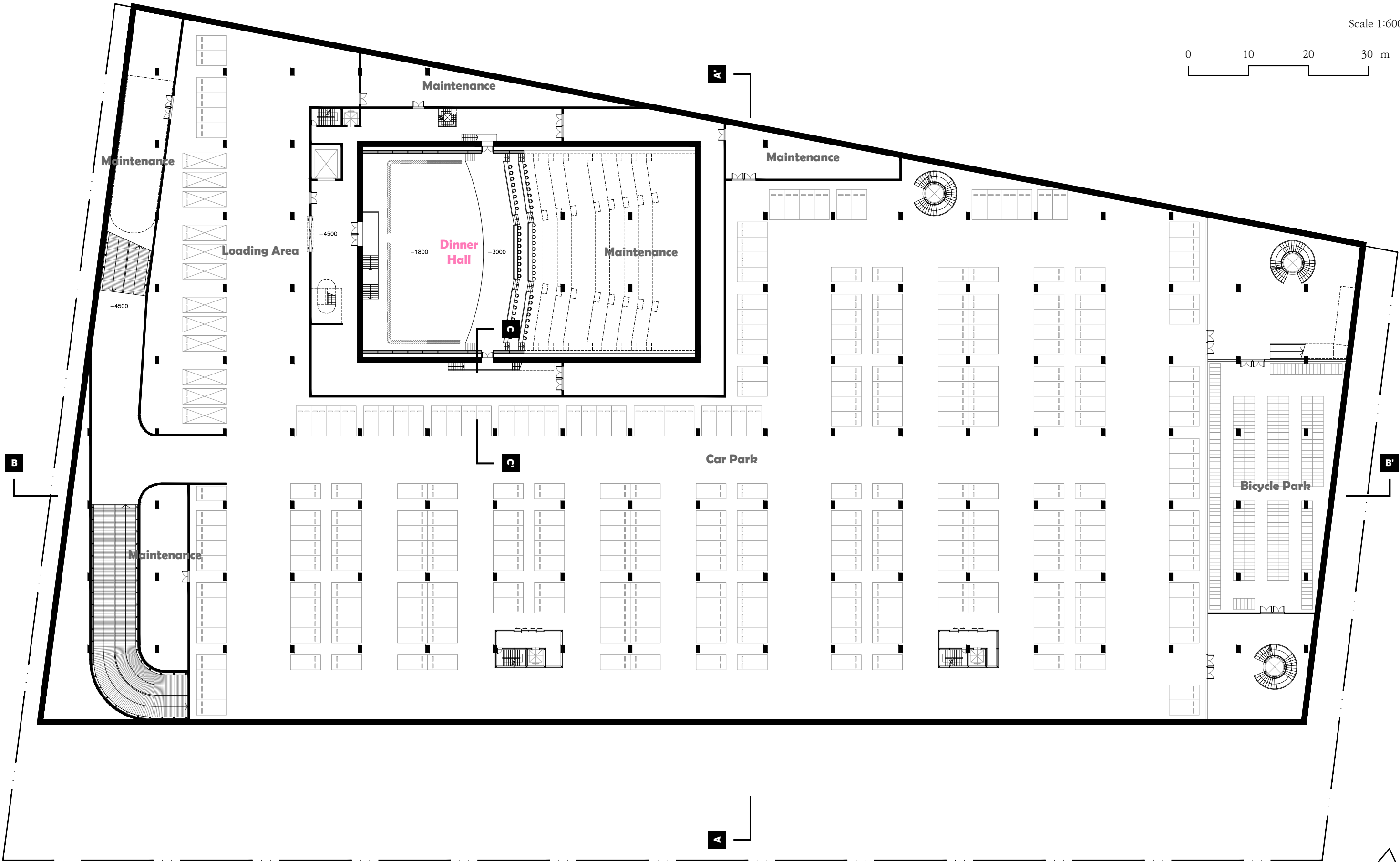
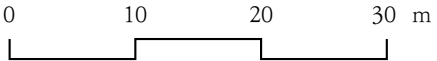
0 10 20 30 m



Parking Capacity 307 (-1) + 386 (-2) = 693 (total)

First Basement Floor Plan

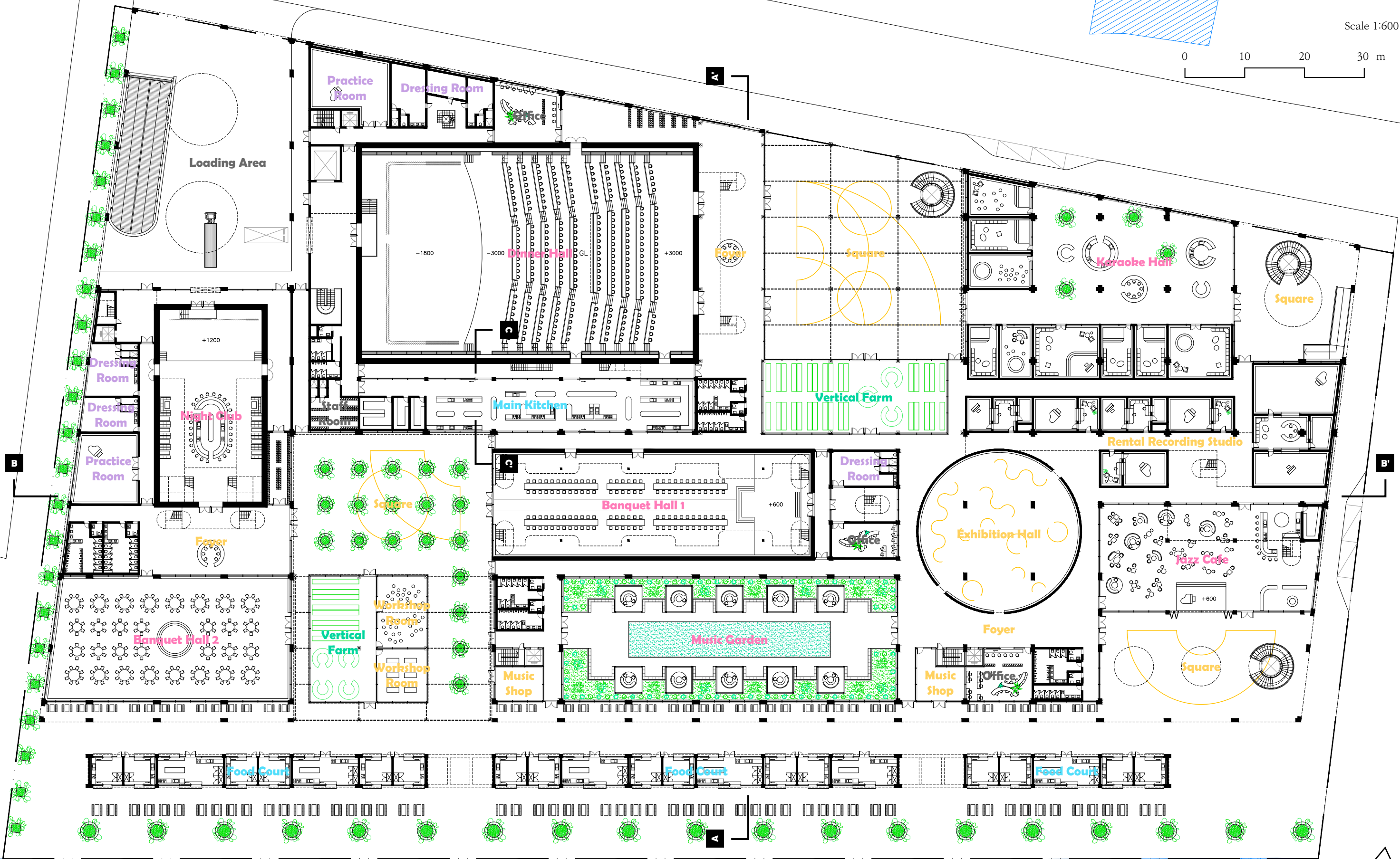
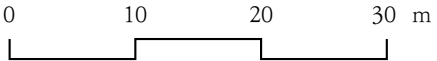
Scale 1:600



Parking Capacity 307 (-1) + 386 (-2) = 693 (total)

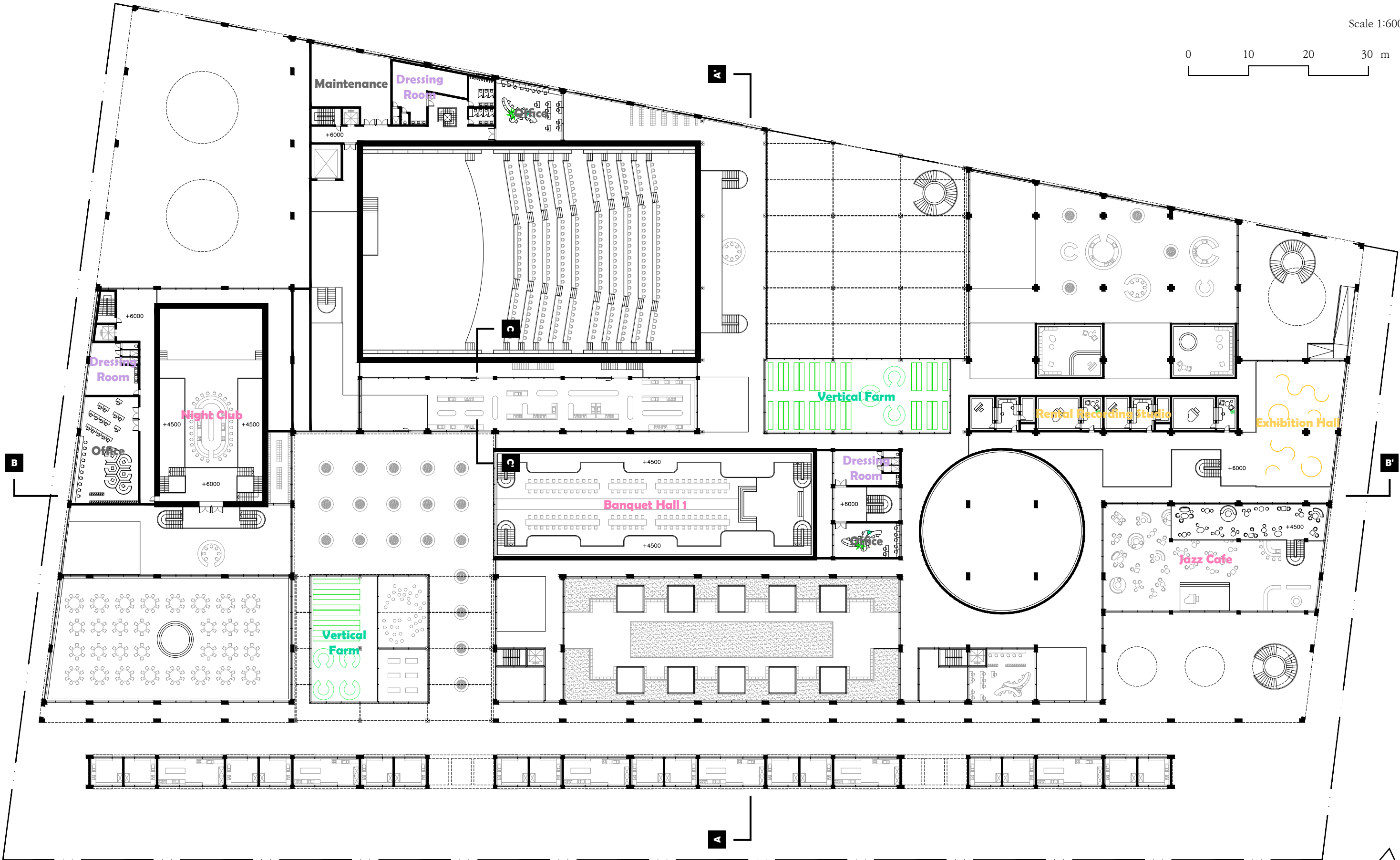
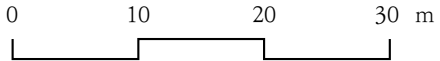
Ground Floor Plan

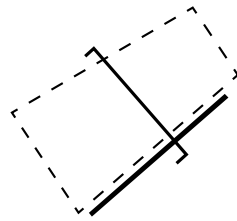
Scale 1:600



First Floor Plan

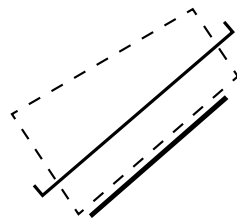
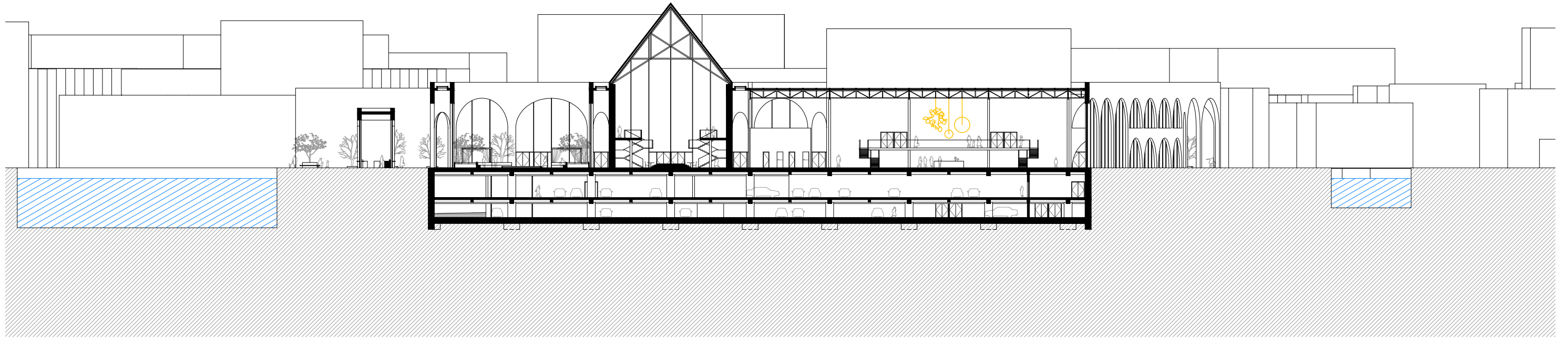
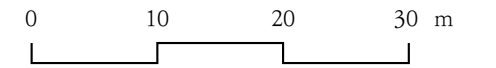
Scale 1:600





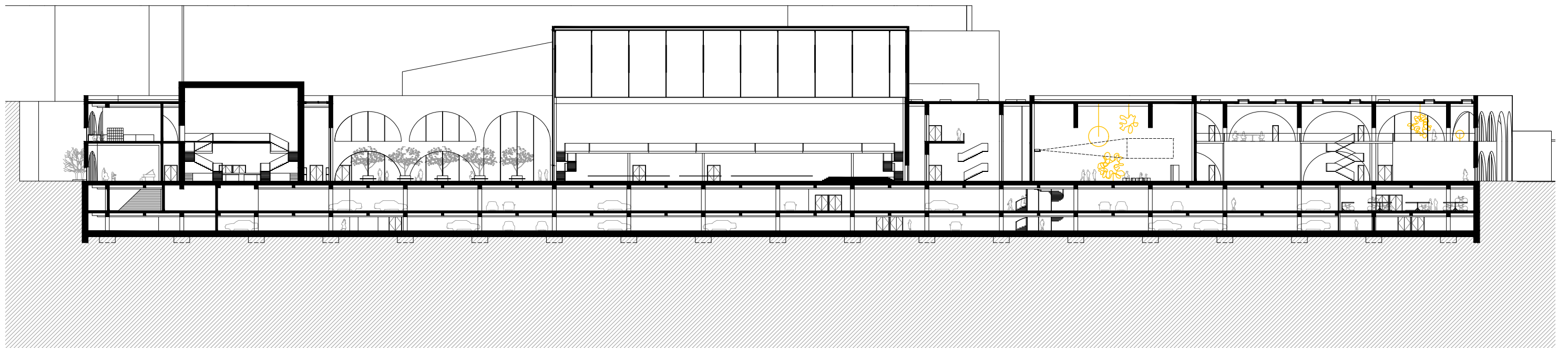
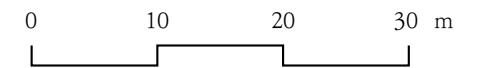
Building Section A-A'

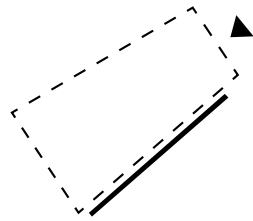
Scale 1:600



Building Section B-B'

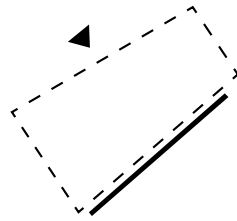
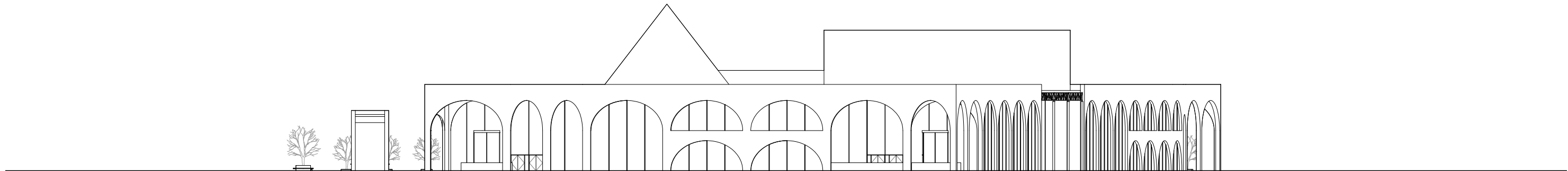
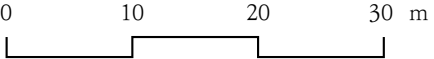
Scale 1:600





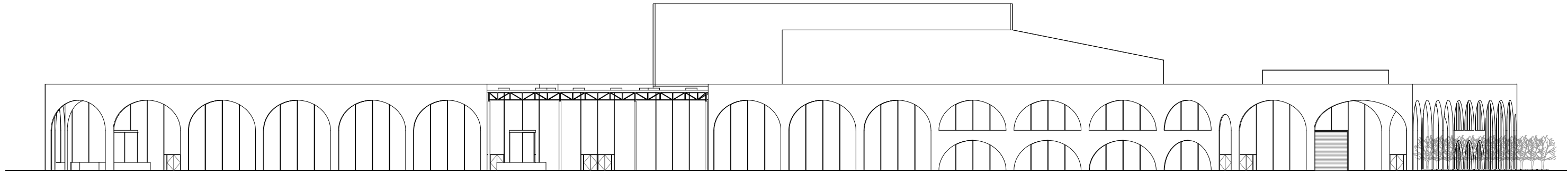
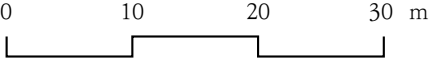
Building Facade

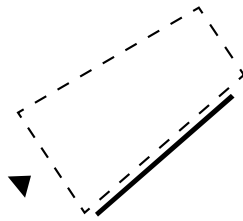
Scale 1:600



Building Facade

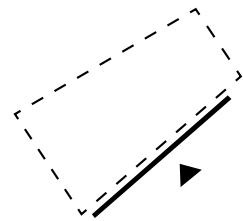
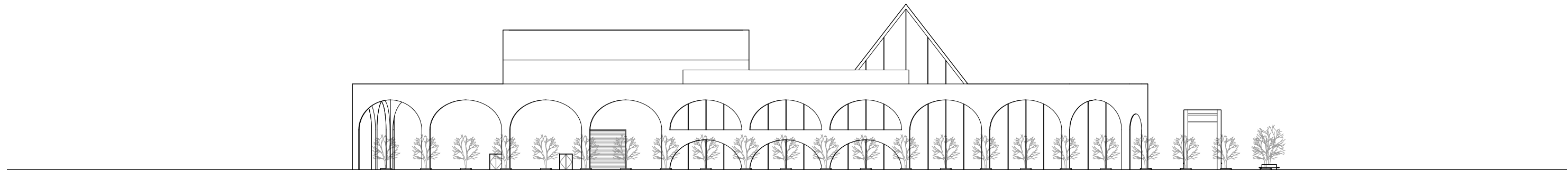
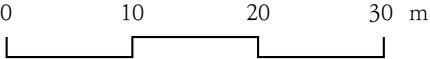
Scale 1:600





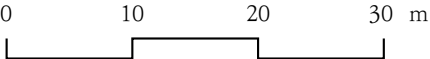
Building Facade

Scale 1:600

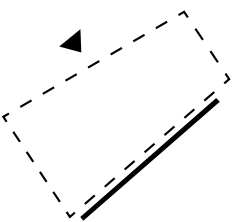
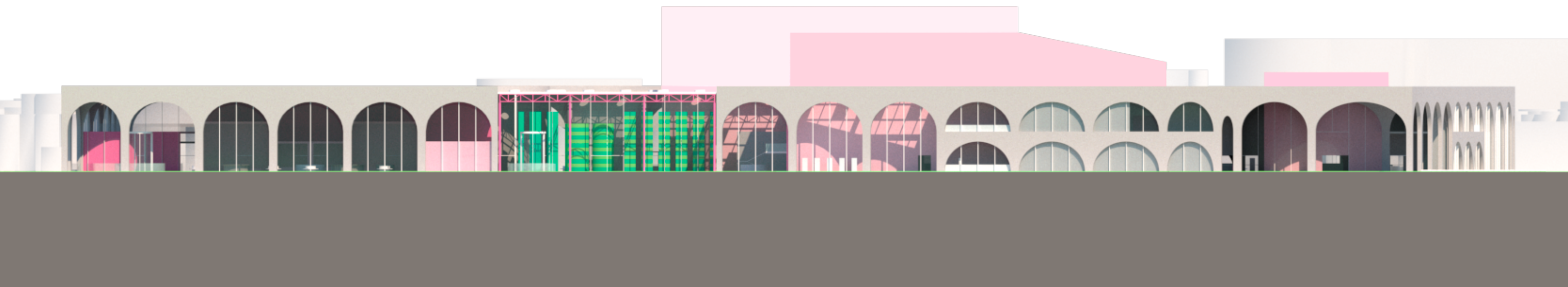


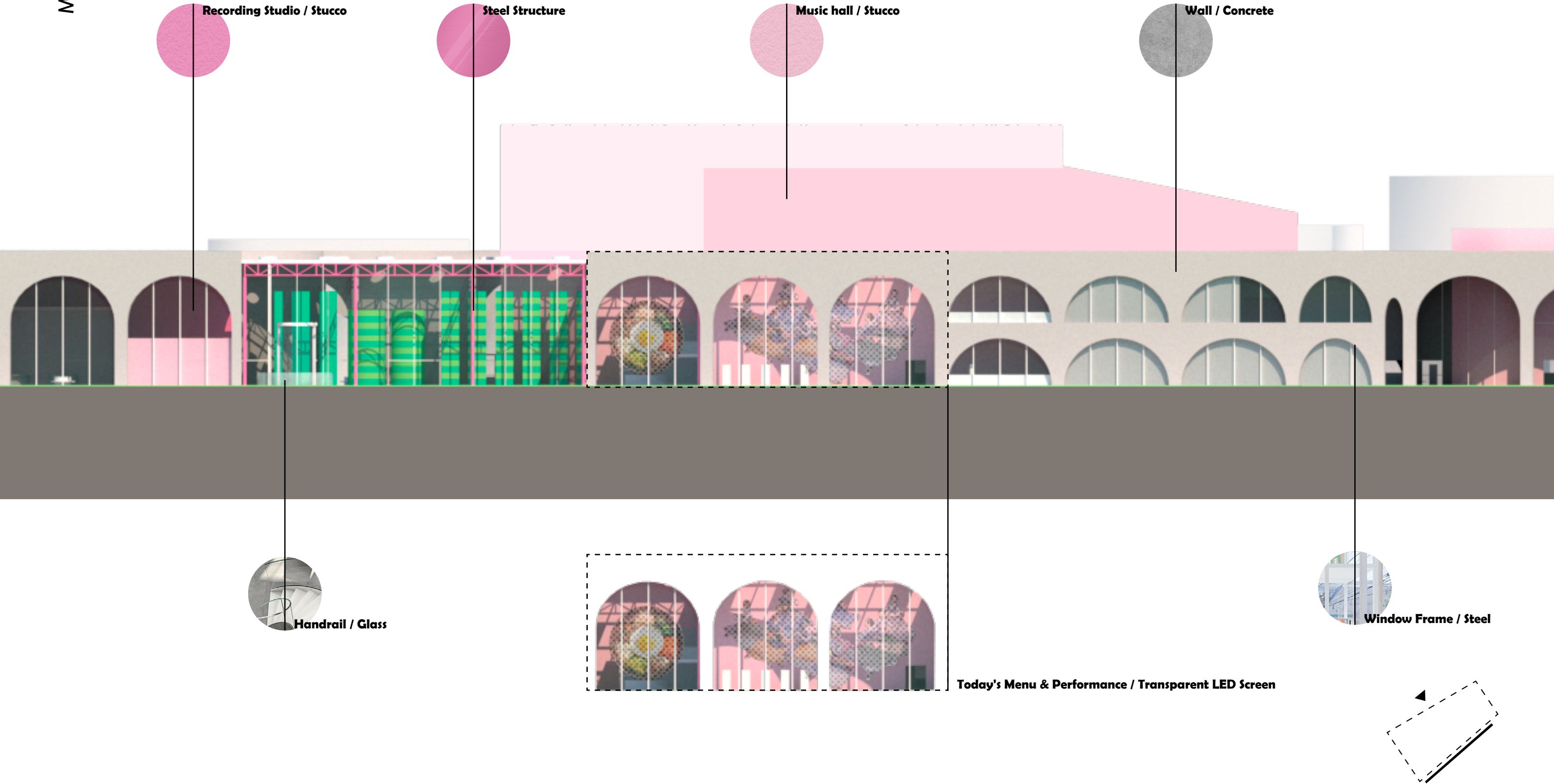
Building Facade

Scale 1:600

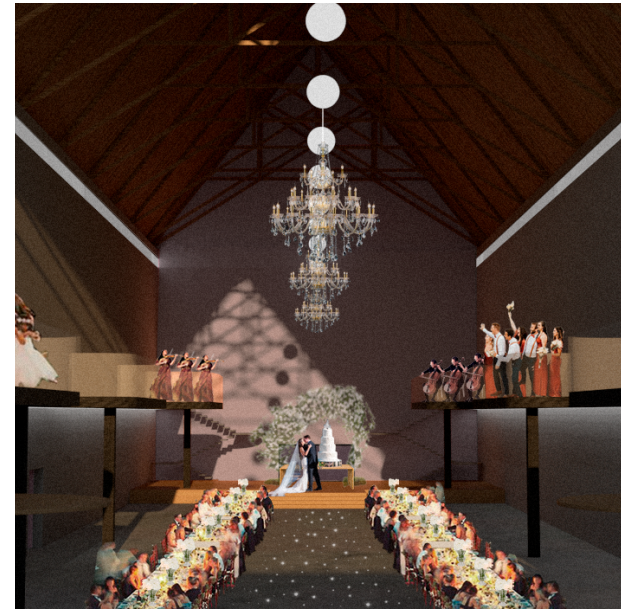
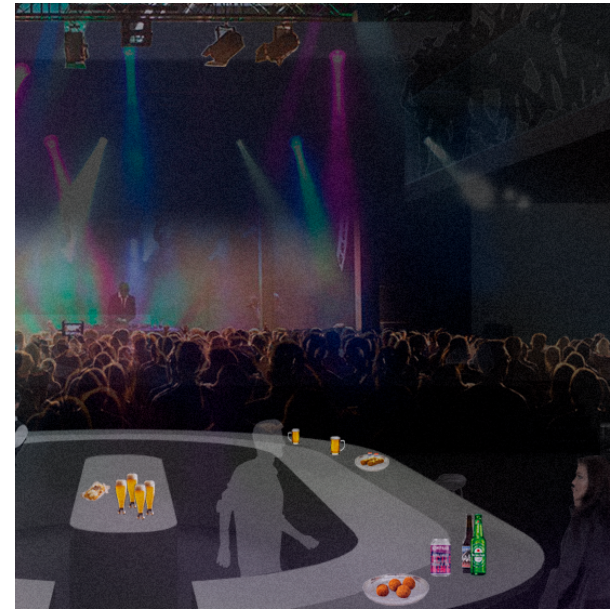


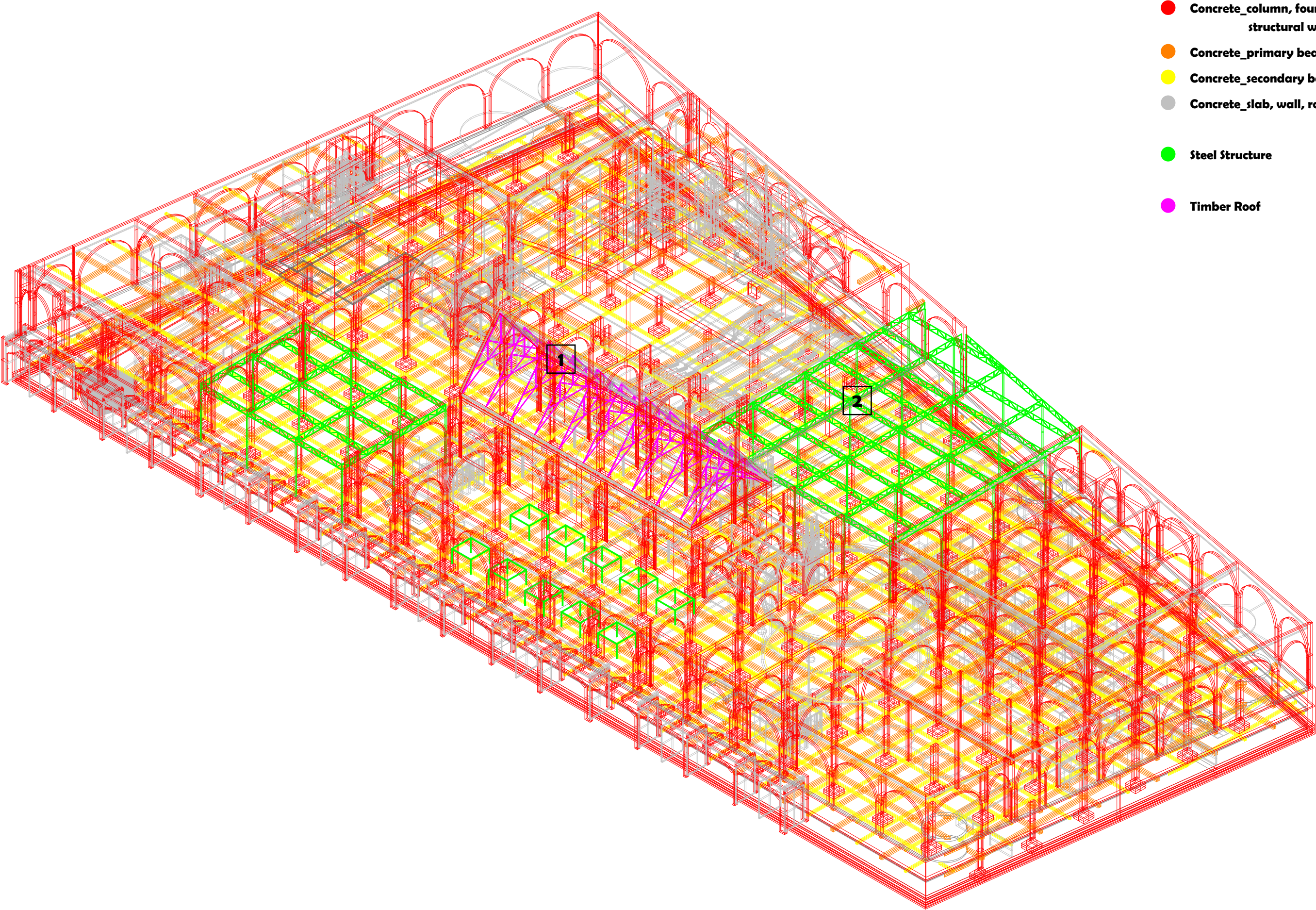
Simple & One Point Color





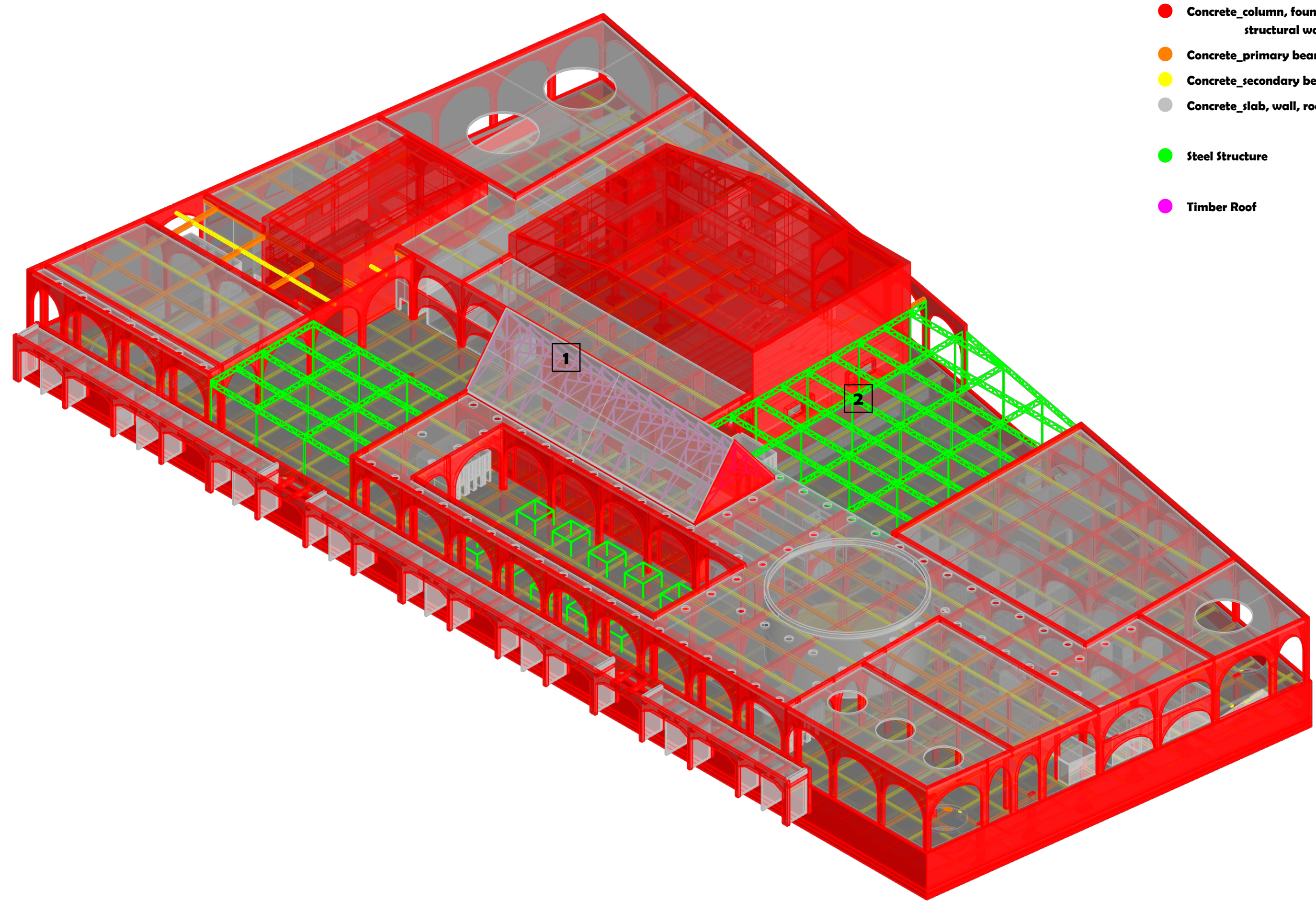
7 MUSIC HALLS, 7 DIFFERENT CONCEPTS





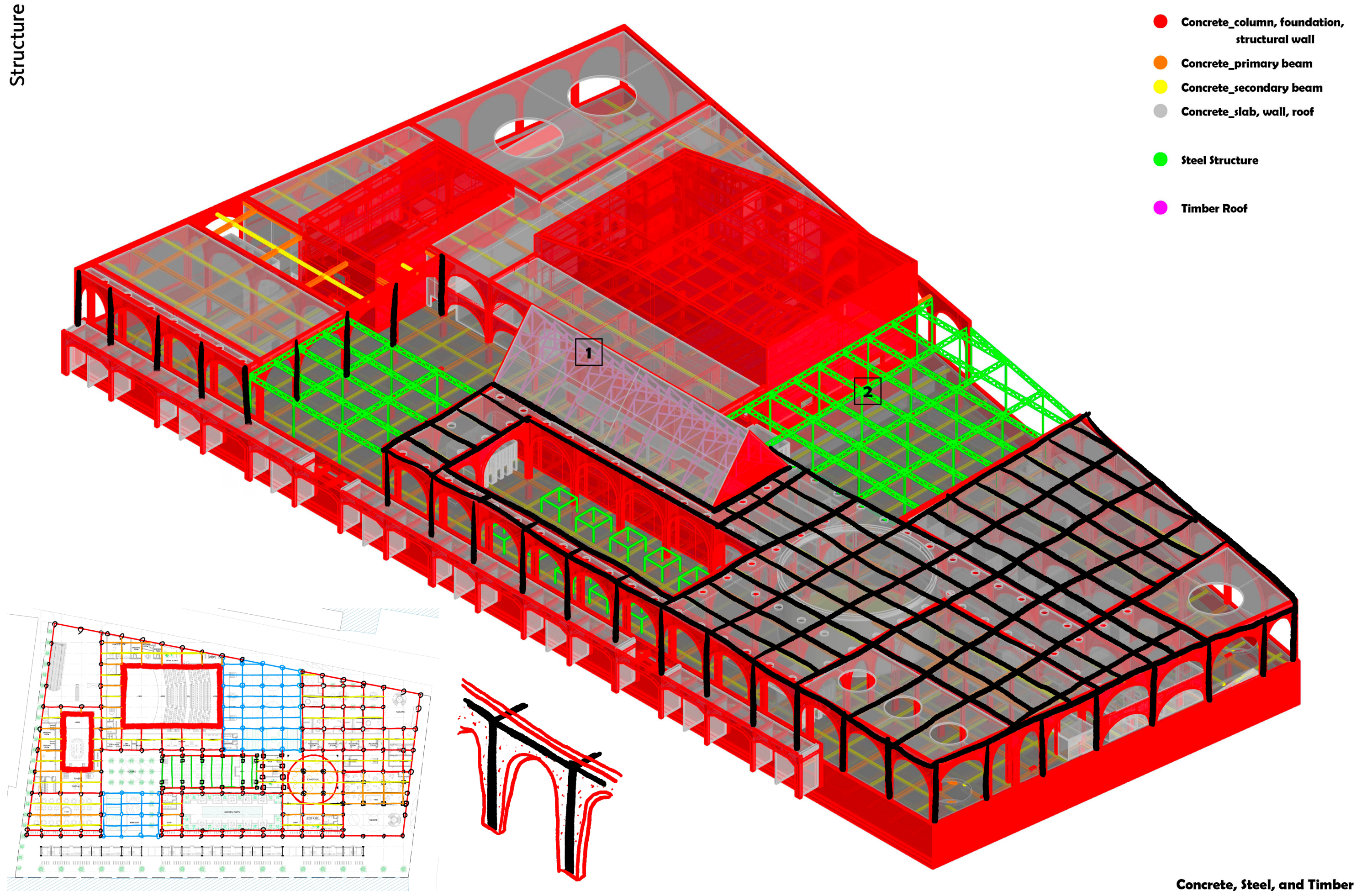
- Concrete_column, foundation, structural wall
- Concrete_primary beam
- Concrete_secondary beam
- Concrete_slab, wall, roof
- Steel Structure
- Timber Roof

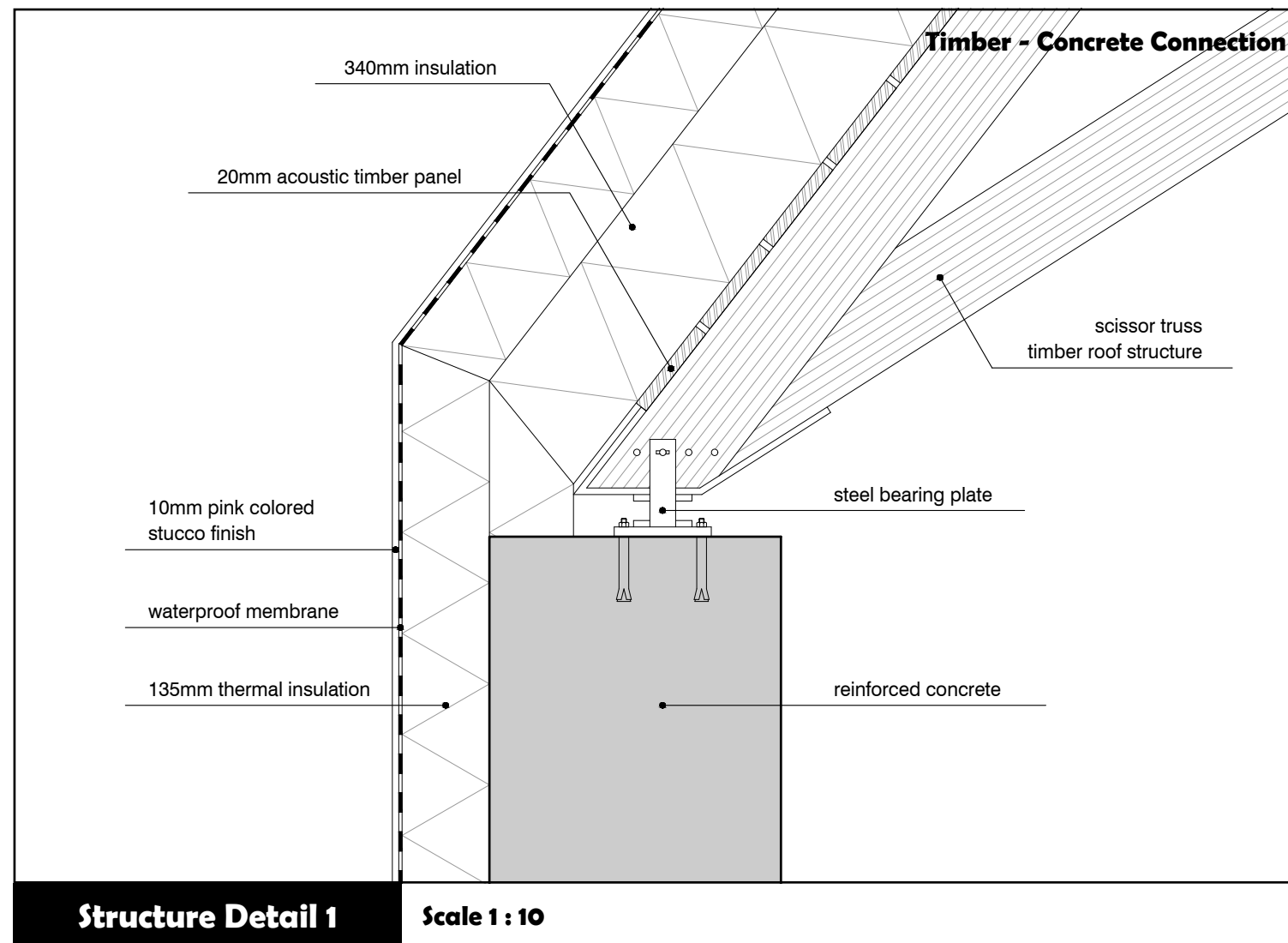
Concrete, Steel, and Timber

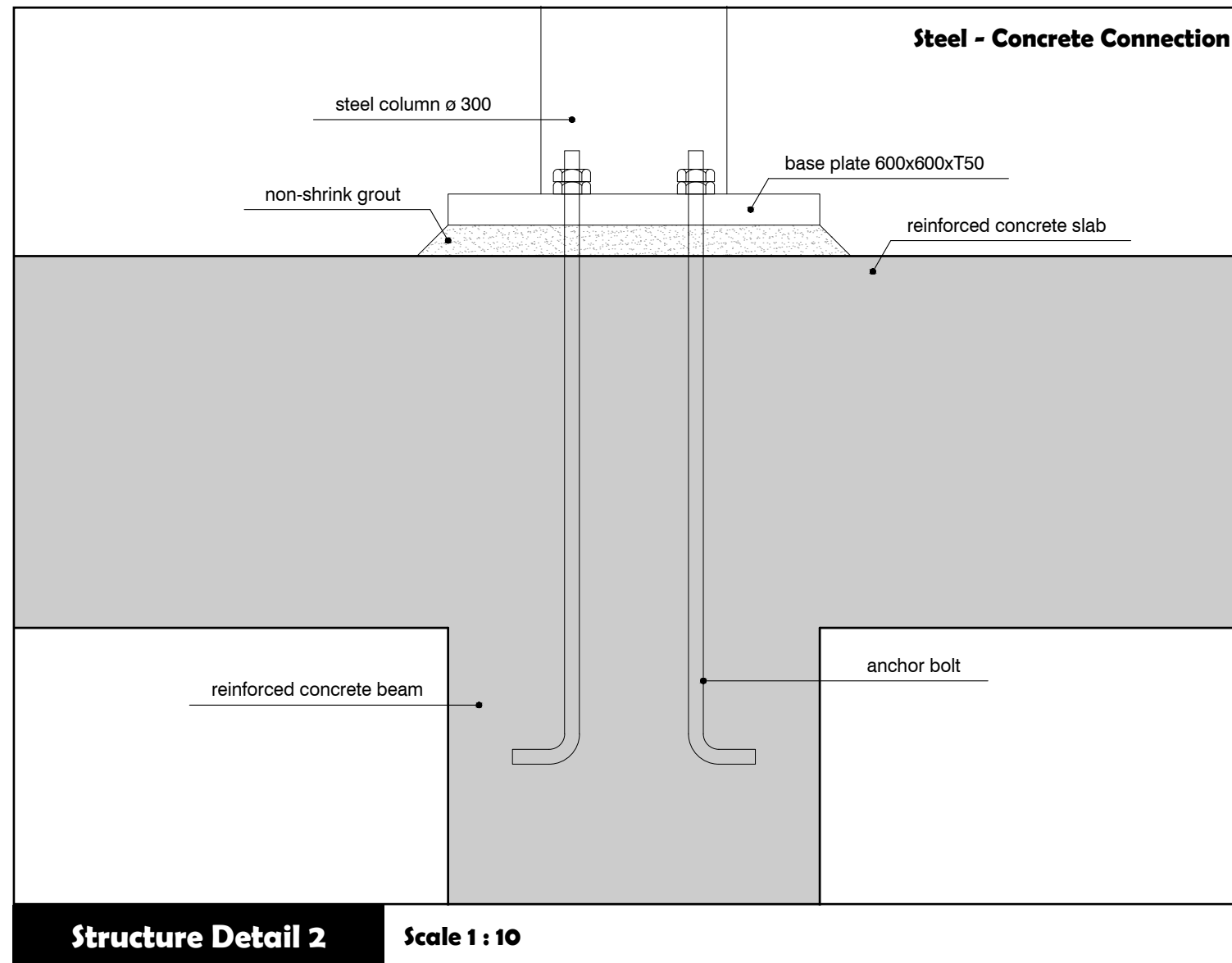


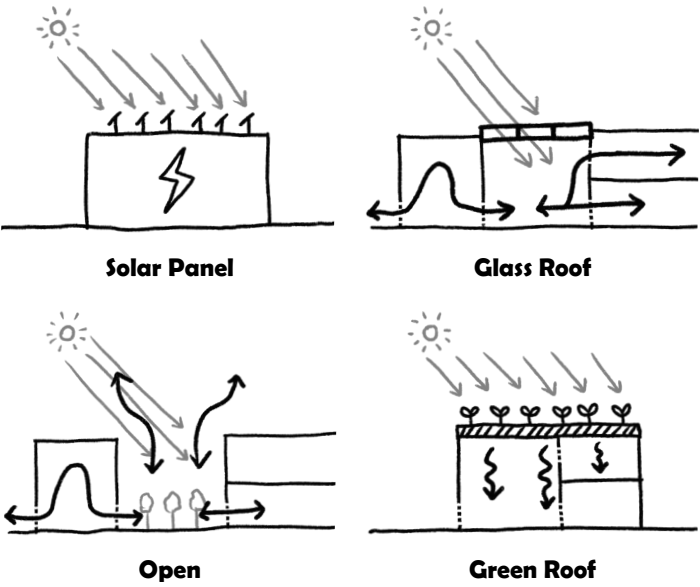
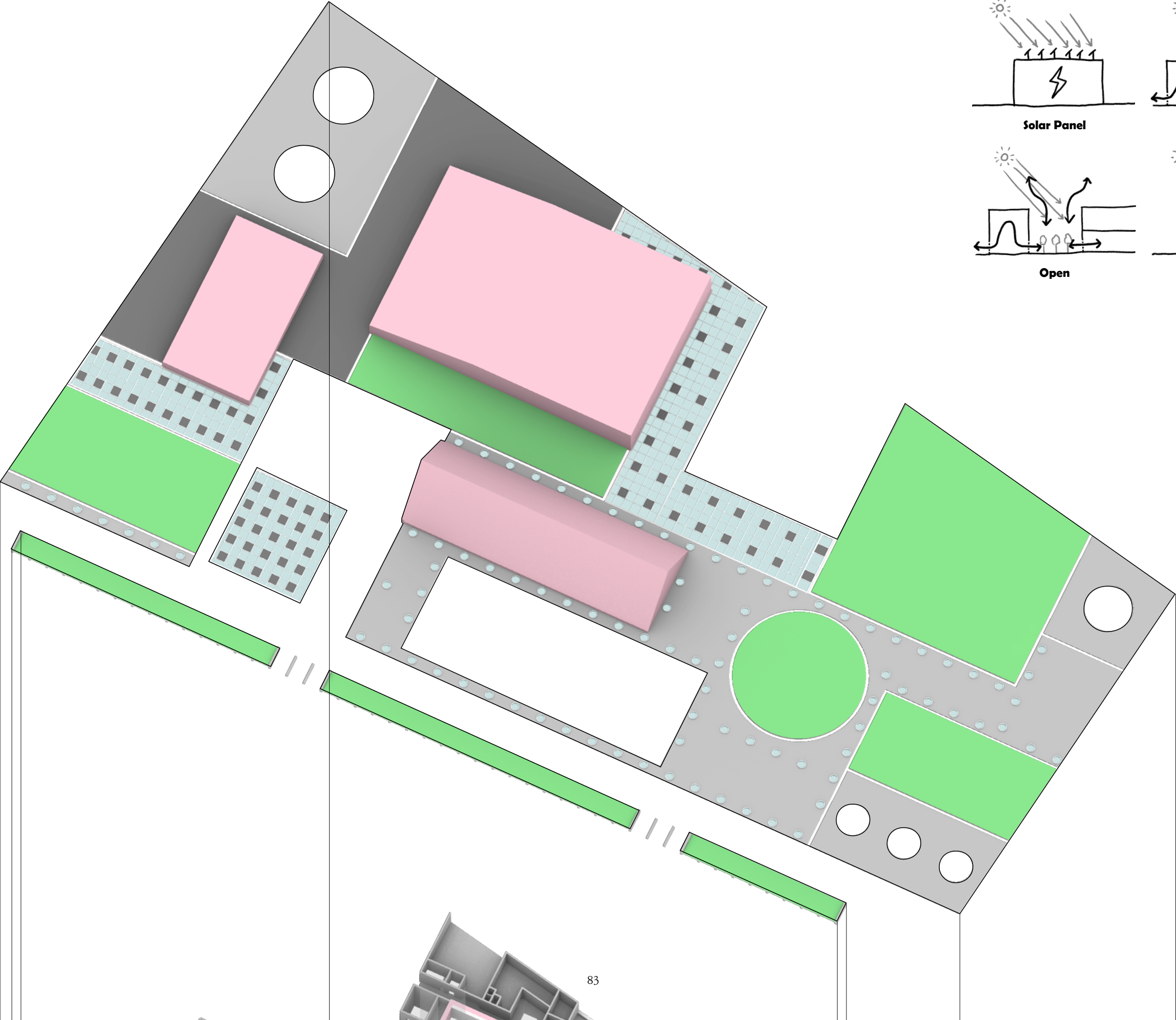
- Concrete_column, foundation, structural wall
- Concrete_primary beam
- Concrete_secondary beam
- Concrete_slab, wall, roof
- Steel Structure
- Timber Roof

Concrete, Steel, and Timber

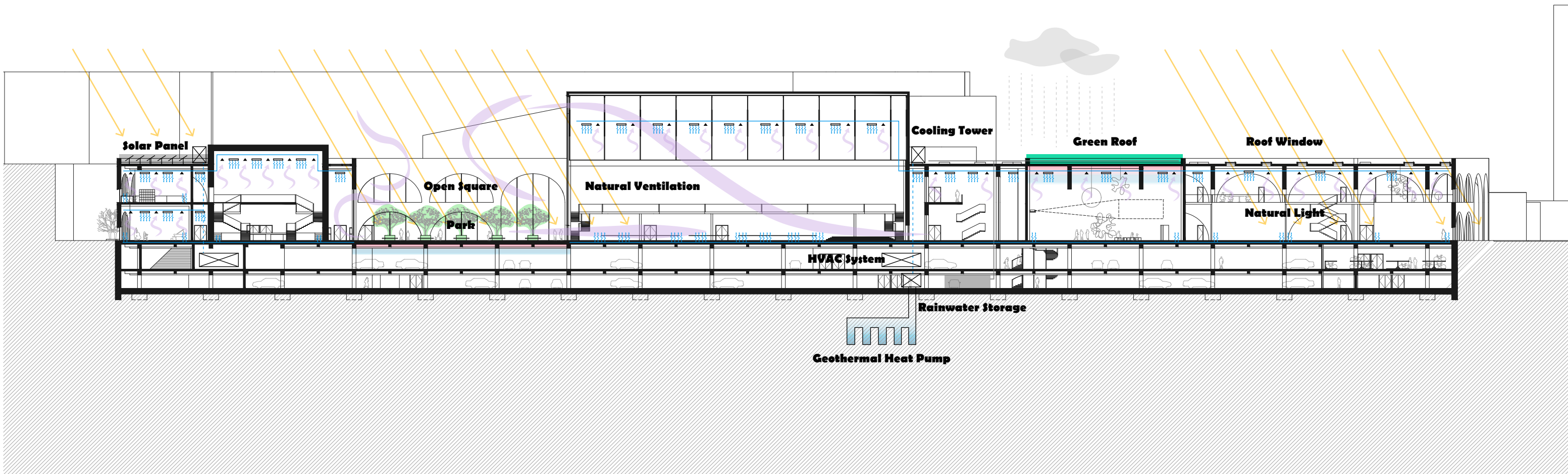






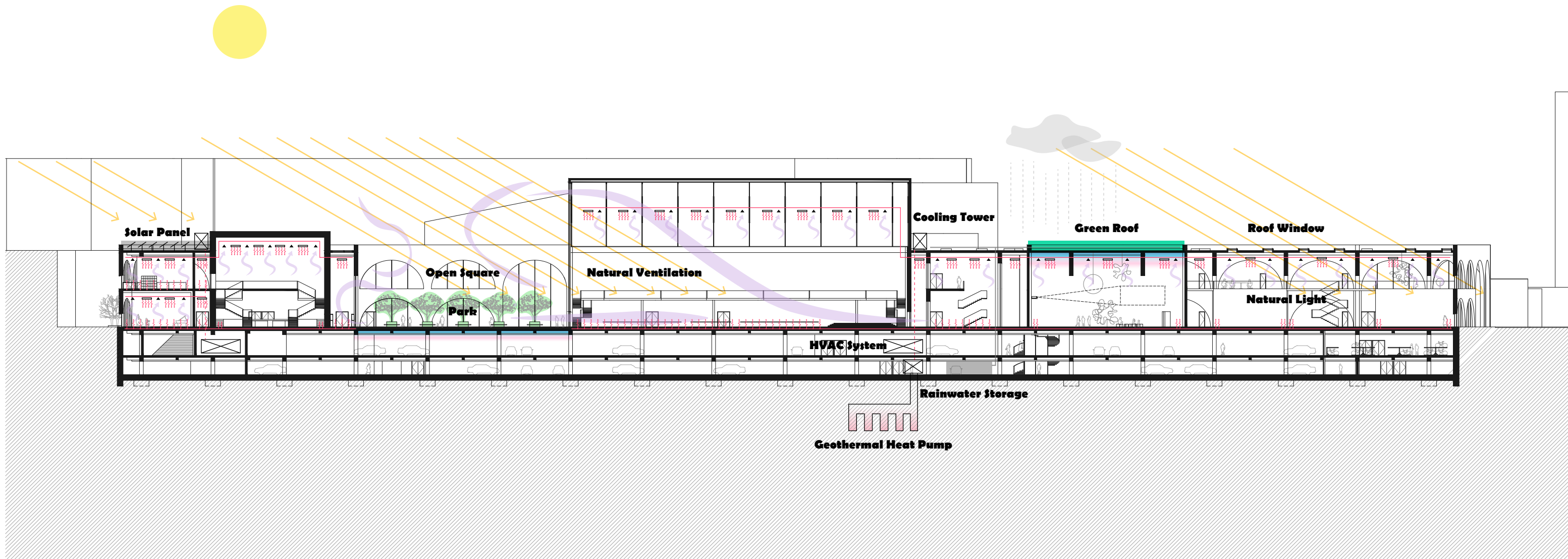


Roof System



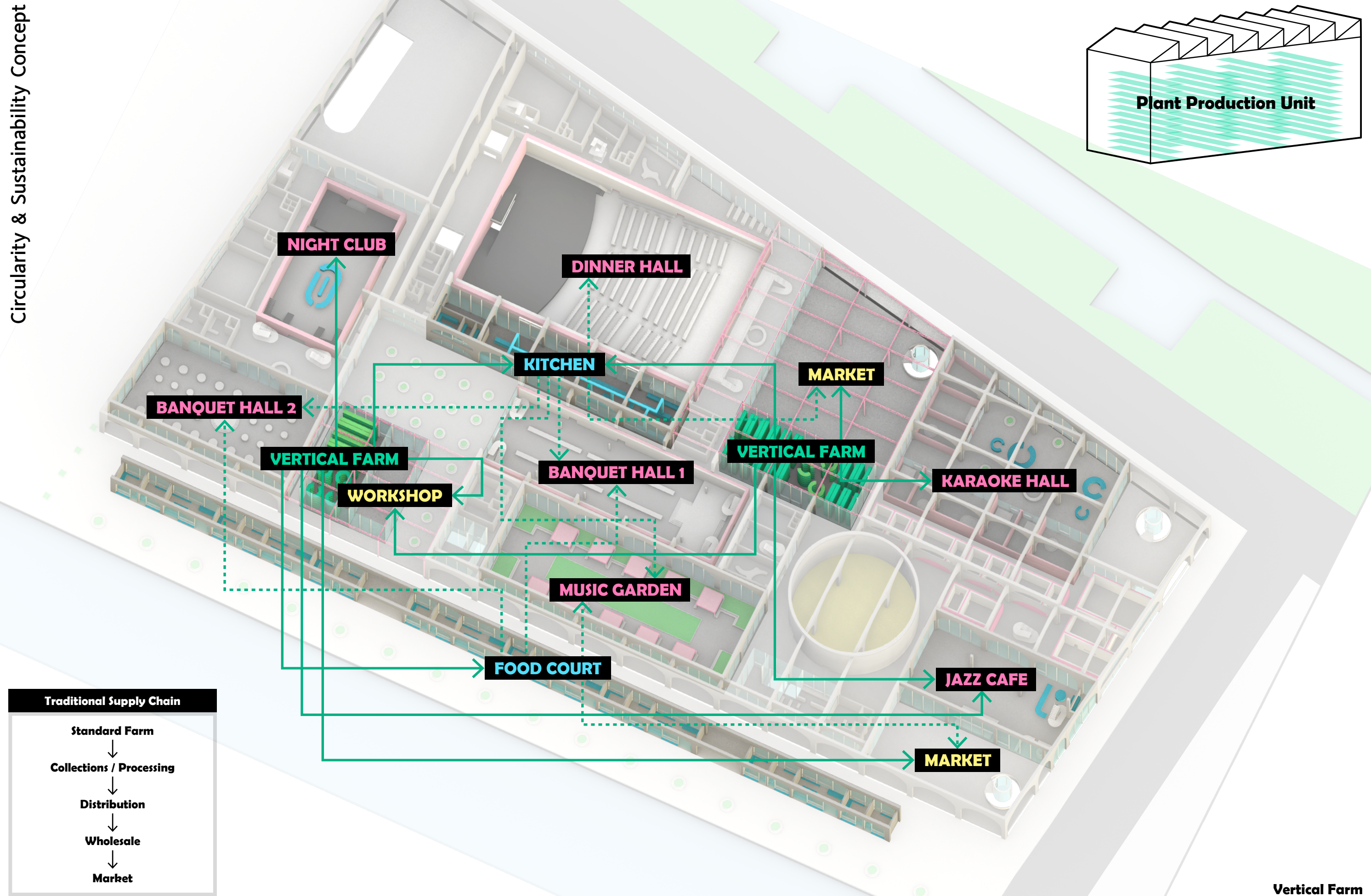
Green roof and trees in open square help keep the building from overheating. Chilled air is supplied mainly through air ducts in the ceiling. Additional floor air diffusers are installed in large spaces or where necessary. With the ventilation duct, the arrangement of windows and doors considering cross ventilation enables pleasant indoor air. Natural light inflow through skylights. Energy is produced through solar panels and rainwater is reused.

Summer



Green roof and trees in open square act as insulation for the building, reducing the energy required for heating. Heated air is supplied mainly through air ducts in the ceiling, partly through floor air diffusers. Floor heating system is also used. With the ventilation duct, the arrangement of windows and doors considering cross ventilation enables pleasant indoor air. Natural light inflow through skylights. Energy is produced through solar panels and rainwater is reused.

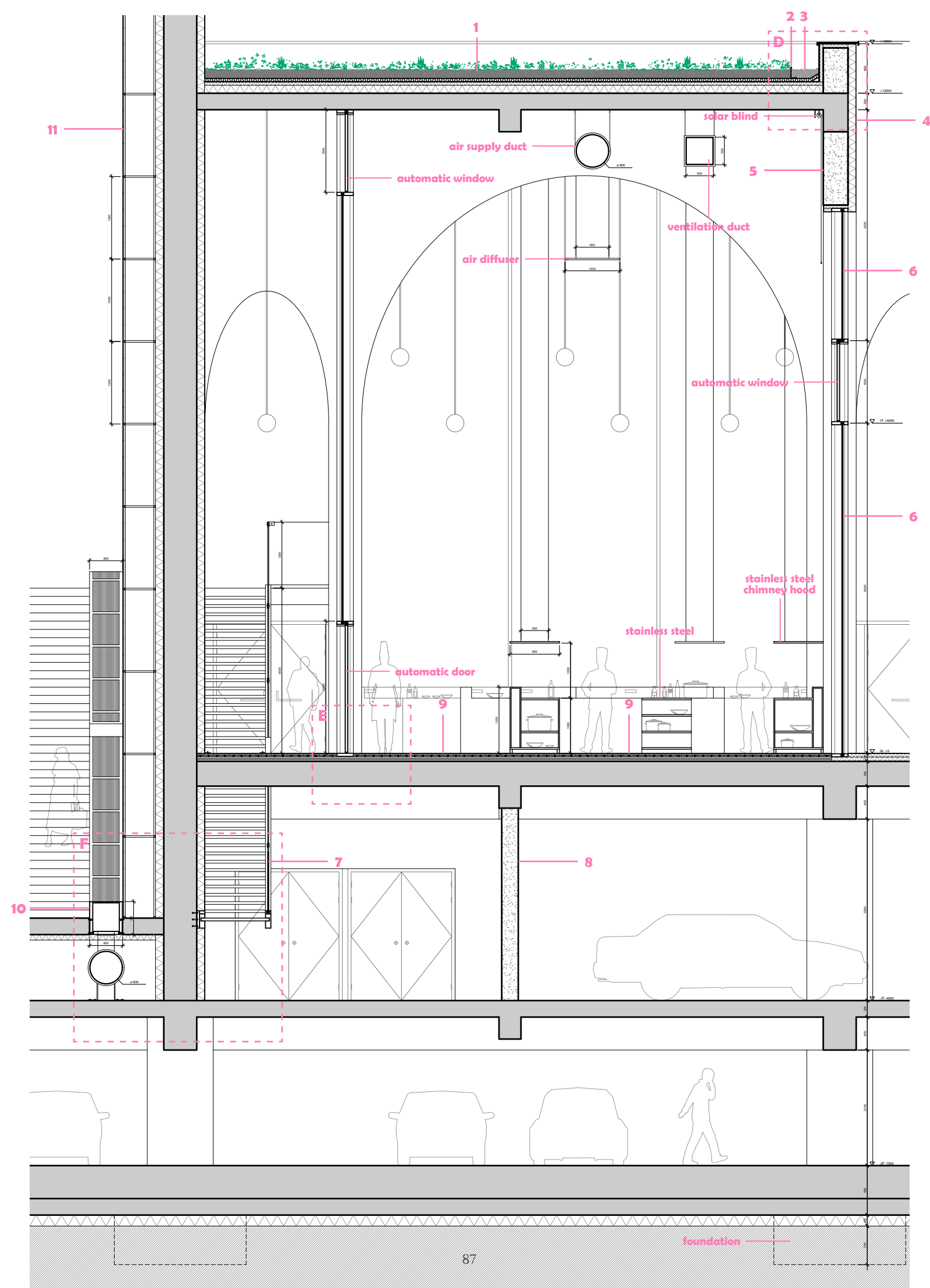
Winter



Facade Fragment C-C'

cale 1:80

- 1
planting
filter layer
50mm drainage and reservoir layer
waterproof membrane
200mm thermal insulation
vapour control membrane
300mm reinforced concrete
- 2
separation profile
- 3
500mm-width gravel edge channel
- 4
10mm concrete finish
140mm thermal insulation
450mm reinforced concrete
- 5
450mm lightweight concrete
- 6
24mm (6+A12+6) double glazing
- 7
20mm (10+10) heat-strengthened glass
- 8
300mm lightweight concrete
- 9
10mm finish
50mm finishing lath mortar
heating pipe
50mm foamed concrete
40mm insulation
450mm reinforced concrete slab
- 10
floor air diffuser
- 11
20mm acoustic pannel
580mm space
150mm sound-absorbing material
600mm reinforced concrete
140mm insulation
10mm pink colored stucco finish


$$\begin{array}{cc} 0 & 1 \text{ m} \\ | & | \end{array}$$

Facade Detail D

Scale 1:10

- 1

planting
filter layer
50mm drainage and reservoir layer
waterproof membrane
200mm thermal insulation
vapour control membrane
300mm reinforced concrete
- 2

separation profile
- 3

500mm-width gravel edge channel
- 4

10mm concrete finish
140mm thermal insulation
450mm reinforced concrete
- 5

450mm lightweight concrete
- 6

24mm (6+A12+6) double glazing
- 7

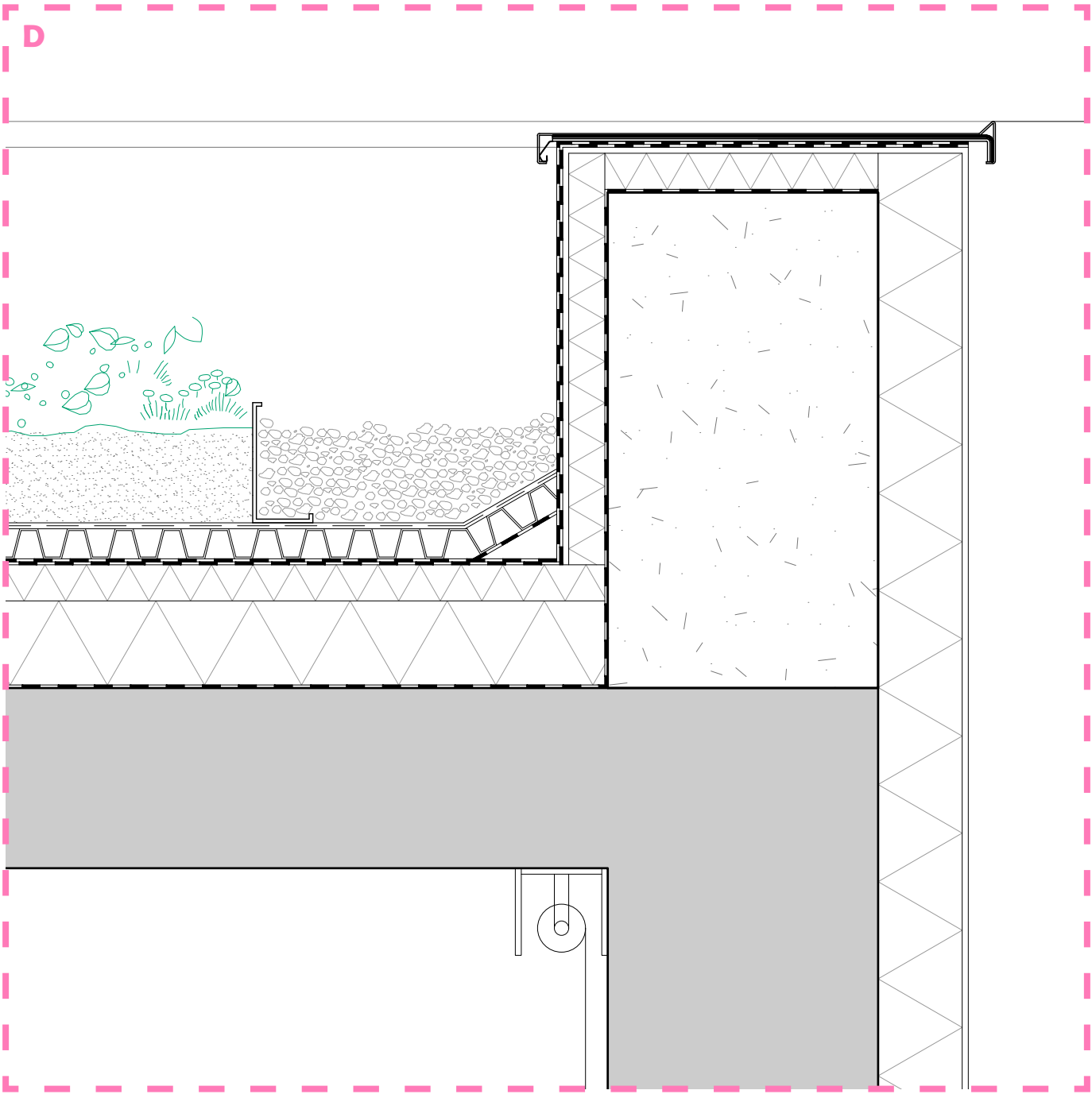
20mm (10+10) heat-strengthened glass
- 8

300mm lightweight concrete
- 9

10mm finish
50mm finishing lath mortar
heating pipe
50mm foamed concrete
40mm insulation
450mm reinforced concrete slab
- 10

floor air diffuser
- 11

20mm acoustic pannel
580mm space
150mm sound-absorbing material
600mm reinforced concrete
140mm insulation
10mm pink colored stucco finish



1
planting
filter layer
50mm drainage and reservoir layer
waterproof membrane
200mm thermal insulation
vapour control membrane
300mm reinforced concrete

2
separation profile

3
500mm-width gravel edge channel

4
10mm concrete finish
140mm thermal insulation
450mm reinforced concrete

5
450mm lightweight concrete

6
24mm (6+A12+6) double glazing

7
20mm (10+10) heat-strengthened glass

8
300mm lightweight concrete

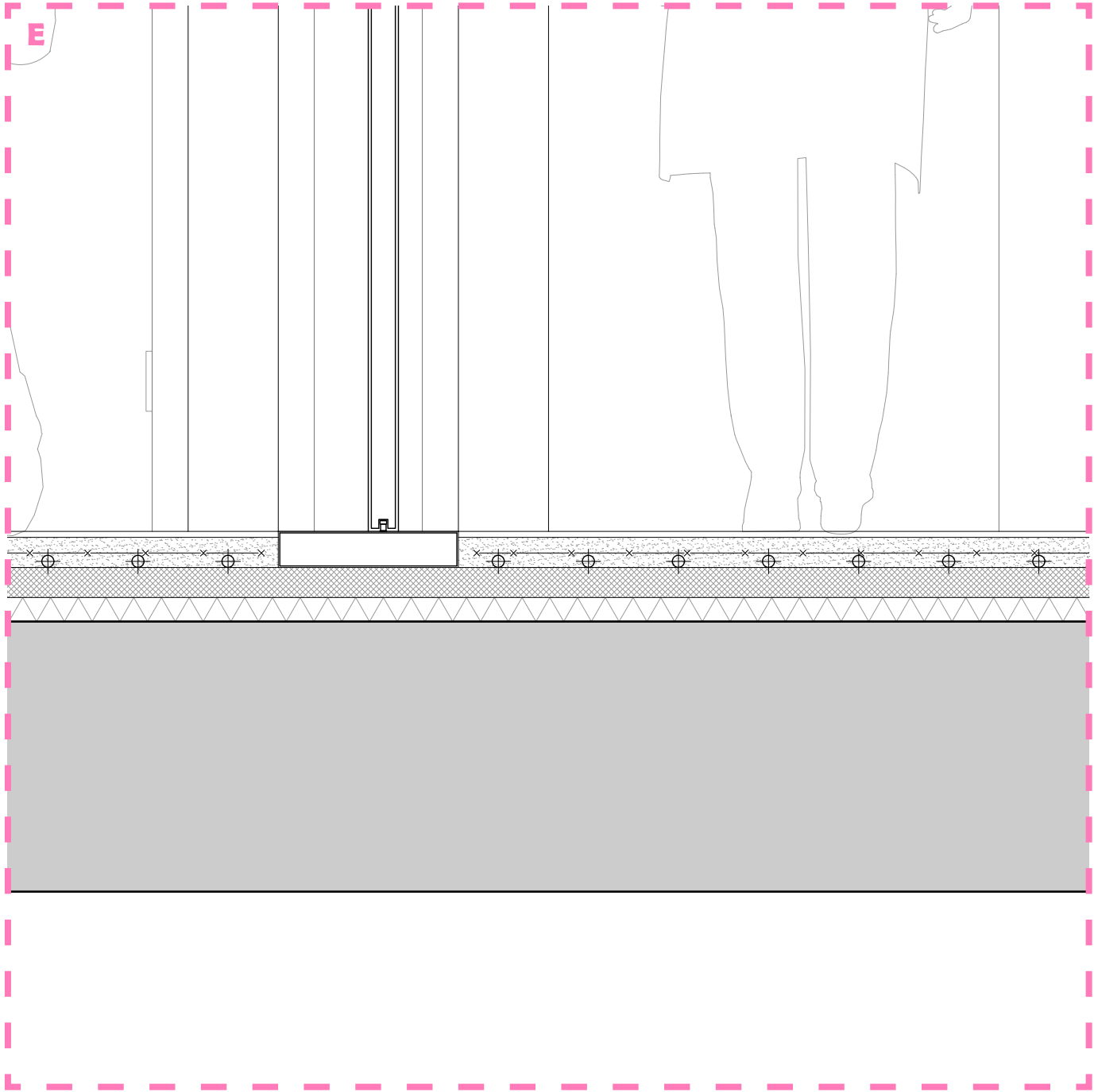
9
10mm finish
50mm finishing lath mortar
heating pipe
50mm foamed concrete
40mm insulation
450mm reinforced concrete slab

10
floor air diffuser

11
20mm acoustic pannel
580mm space
150mm sound-absorbing material
600mm reinforced concrete
140mm insulation
10mm pink colored stucco finish

Facade Detail E

Scale 1:10



0 1 m

- 1

planting

filter layer

50mm drainage and reservoir layer

waterproof membrane

200mm thermal insulation

vapour control membrane

300mm reinforced concrete
- 2

separation profile
- 3

500mm-width gravel edge channel
- 4

10mm concrete finish

140mm thermal insulation

450mm reinforced concrete
- 5

450mm lightweight concrete
- 6

24mm (6+A12+6) double glazing
- 7

20mm (10+10) heat-strengthened glass
- 8

300mm lightweight concrete
- 9

10mm finish

50mm finishing lath mortar

heating pipe

50mm foamed concrete

40mm insulation

450mm reinforced concrete slab
- 10

floor air diffuser
- 11

20mm acoustic pannel

580mm space

150mm sound-absorbing material

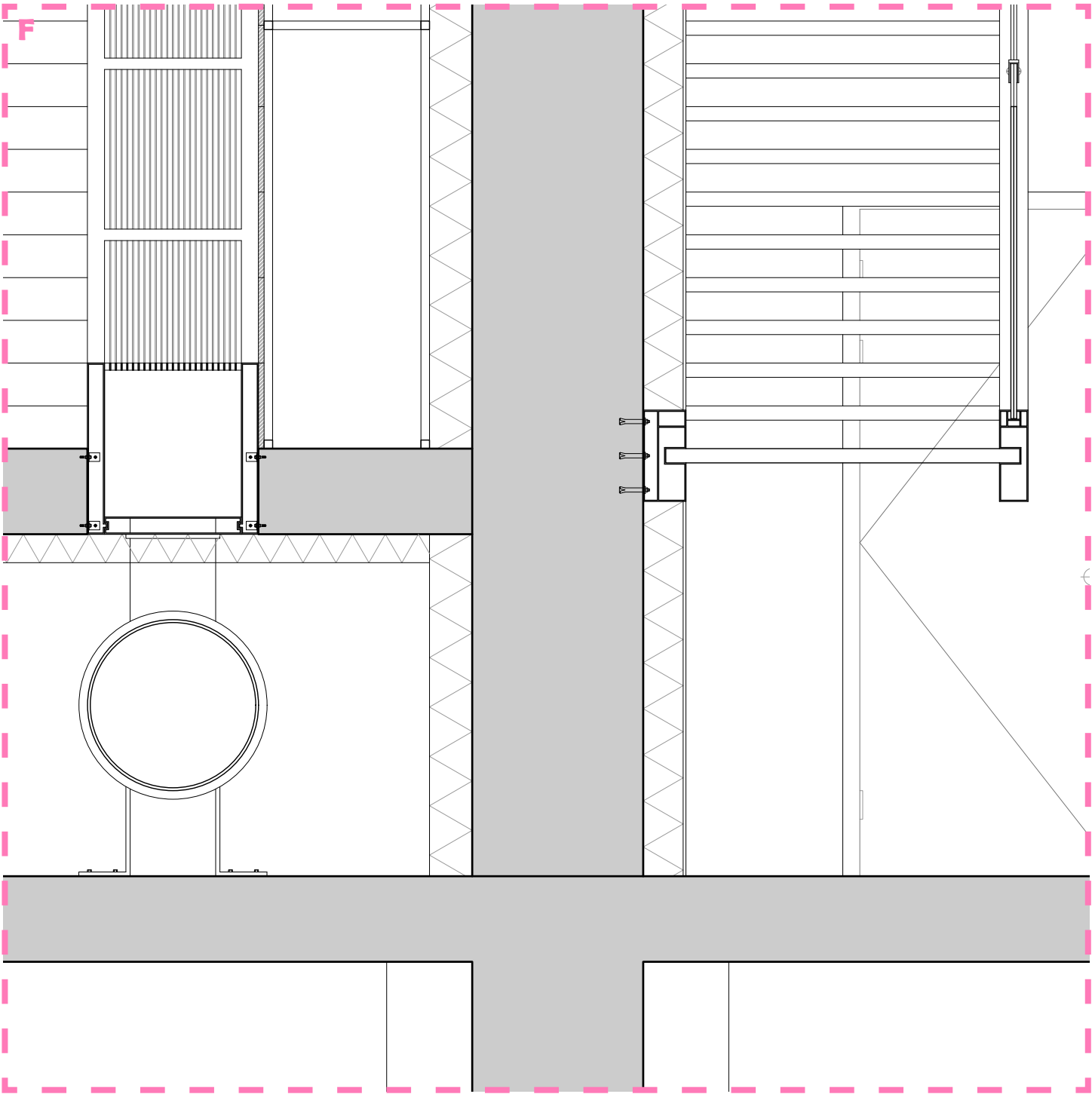
600mm reinforced concrete

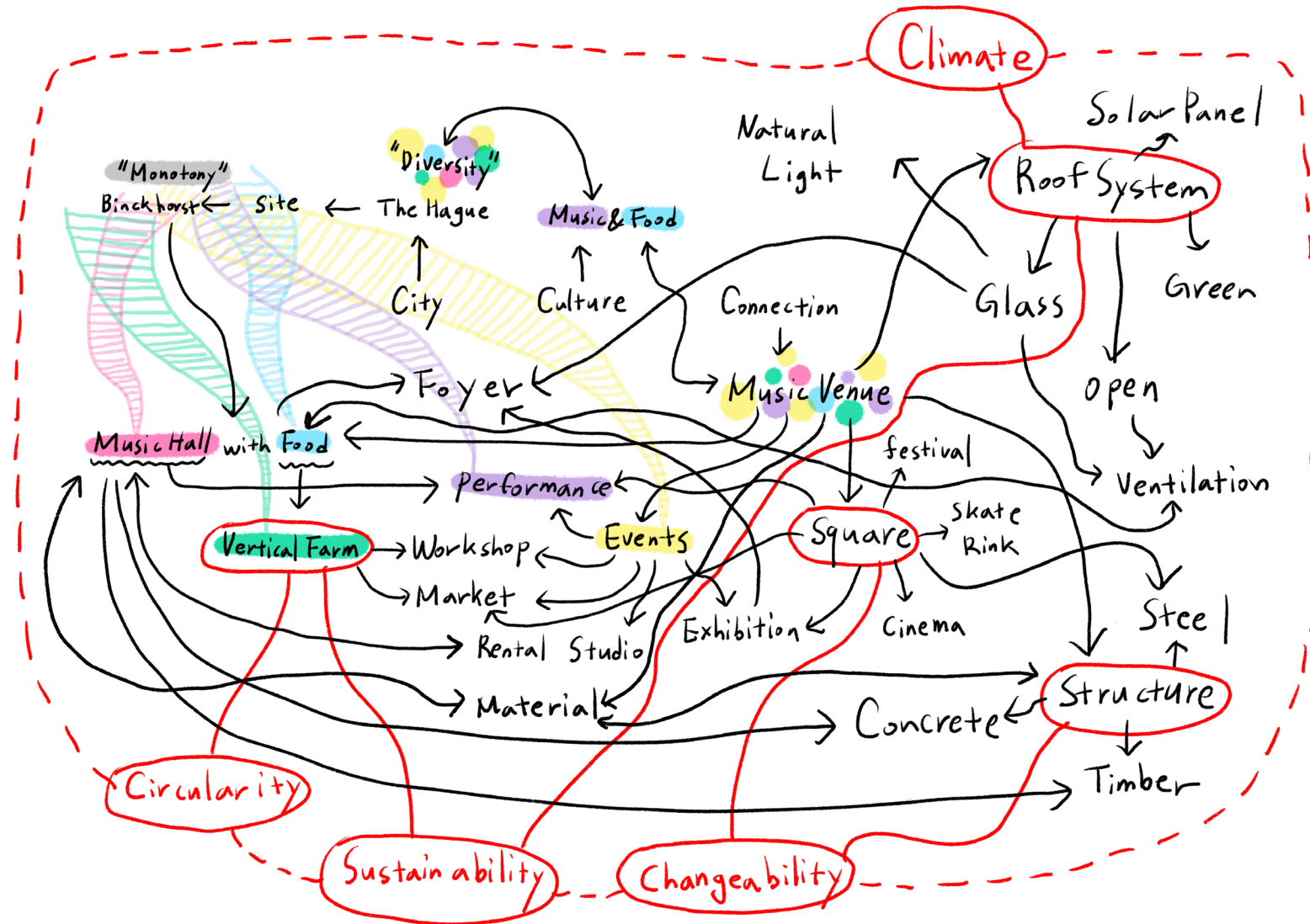
140mm insulation

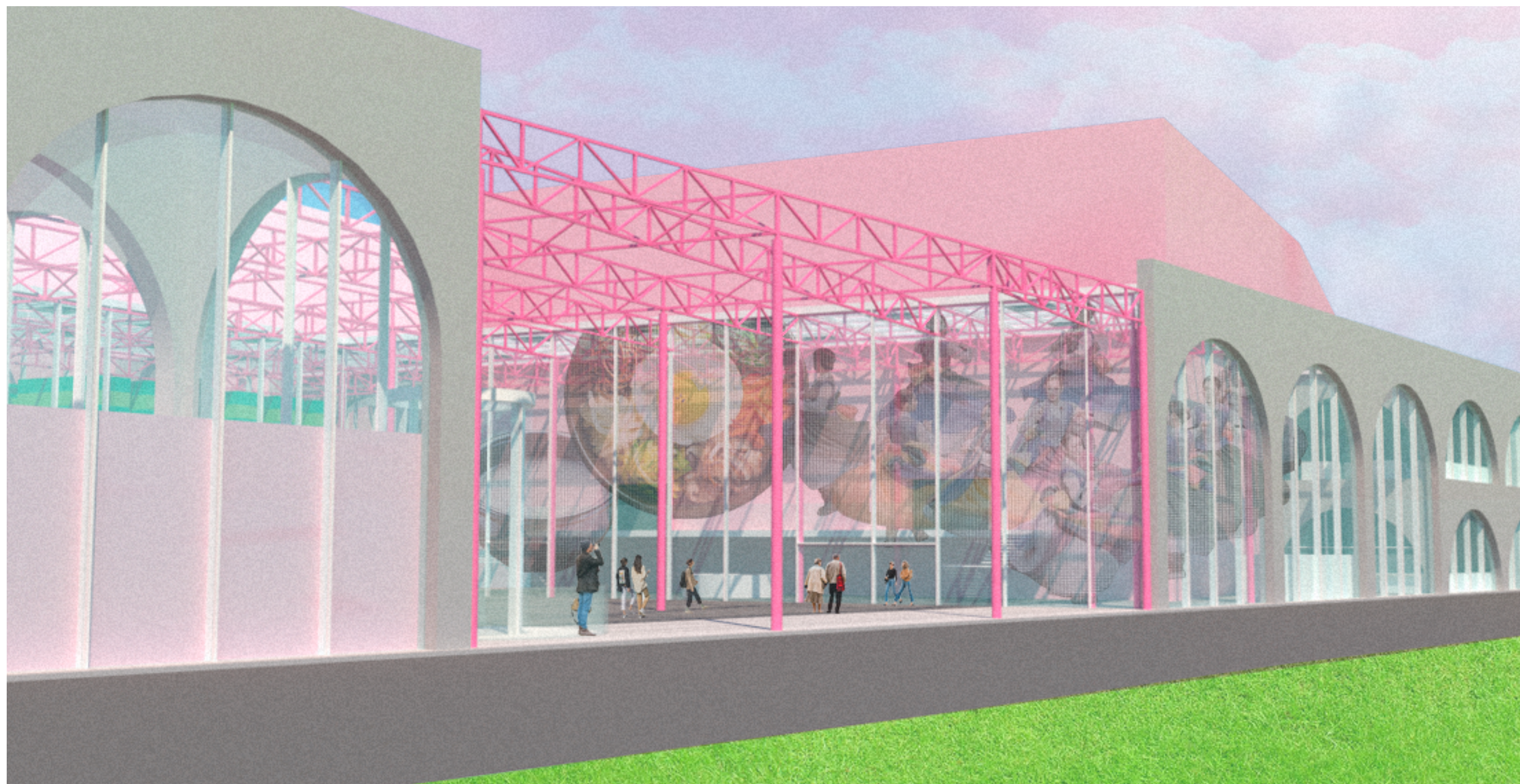
10mm pink colored stucco finish

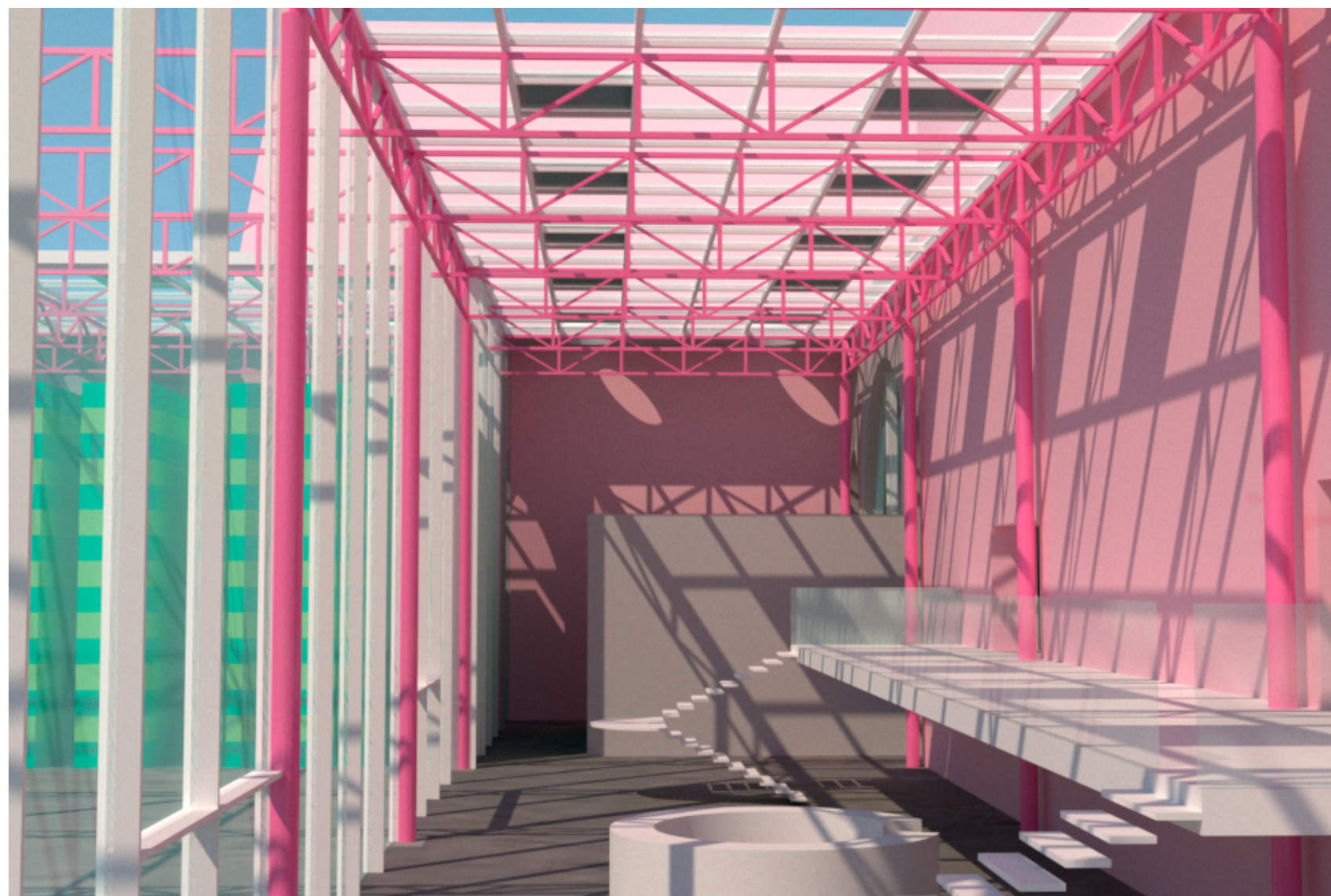
Facade Detail F

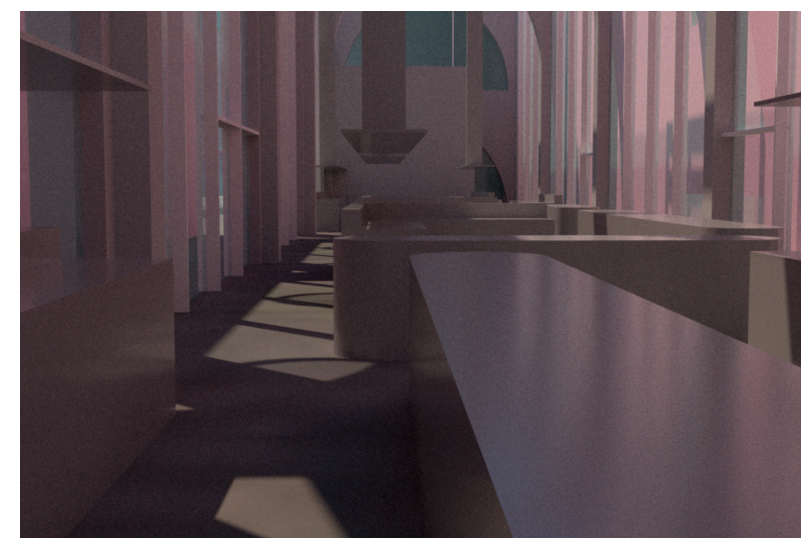
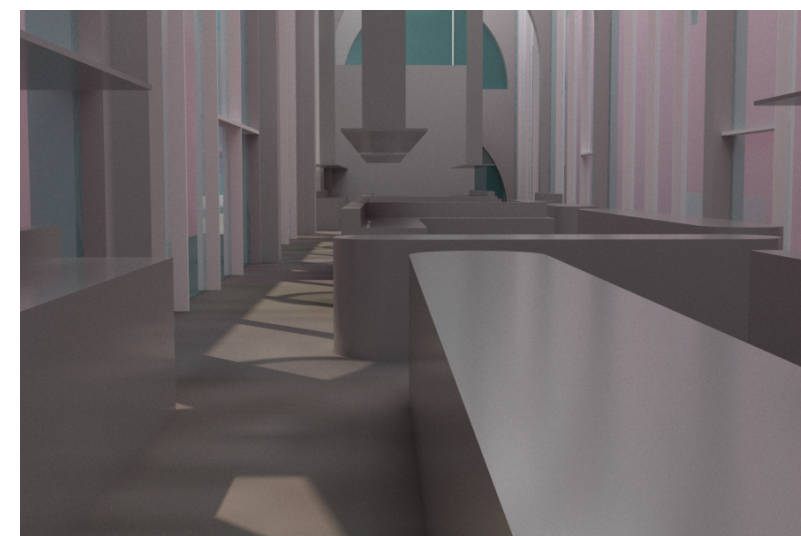
Scale 1:20

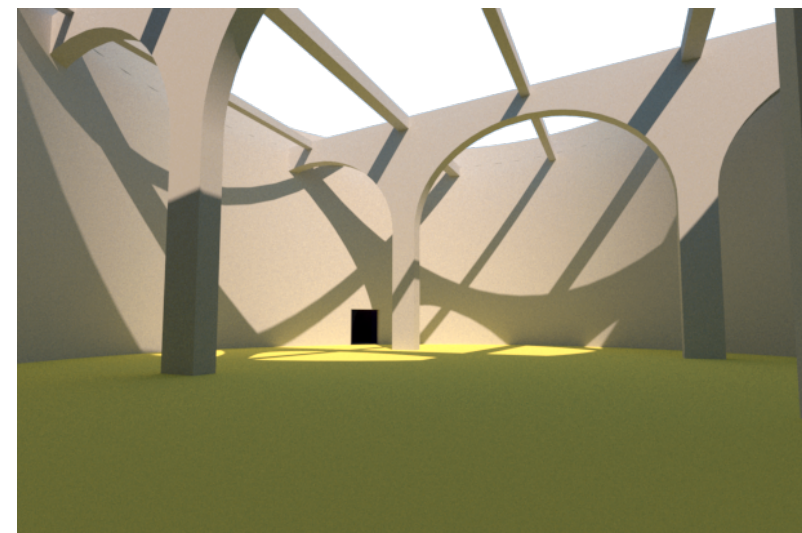
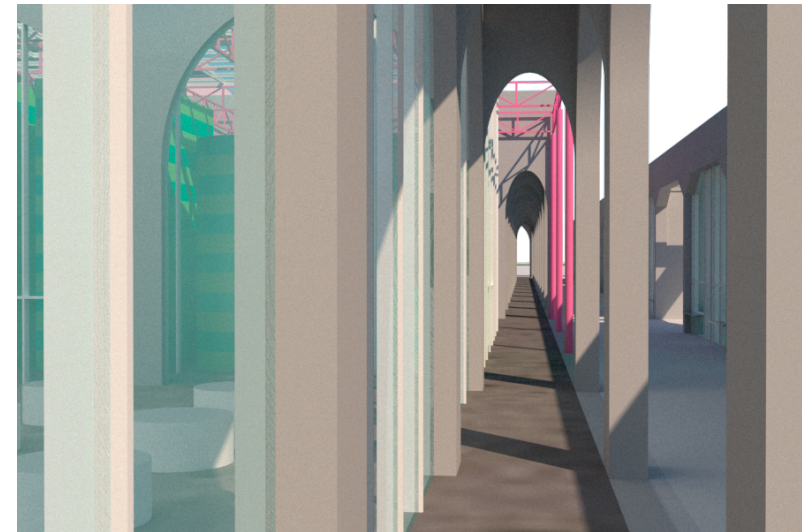


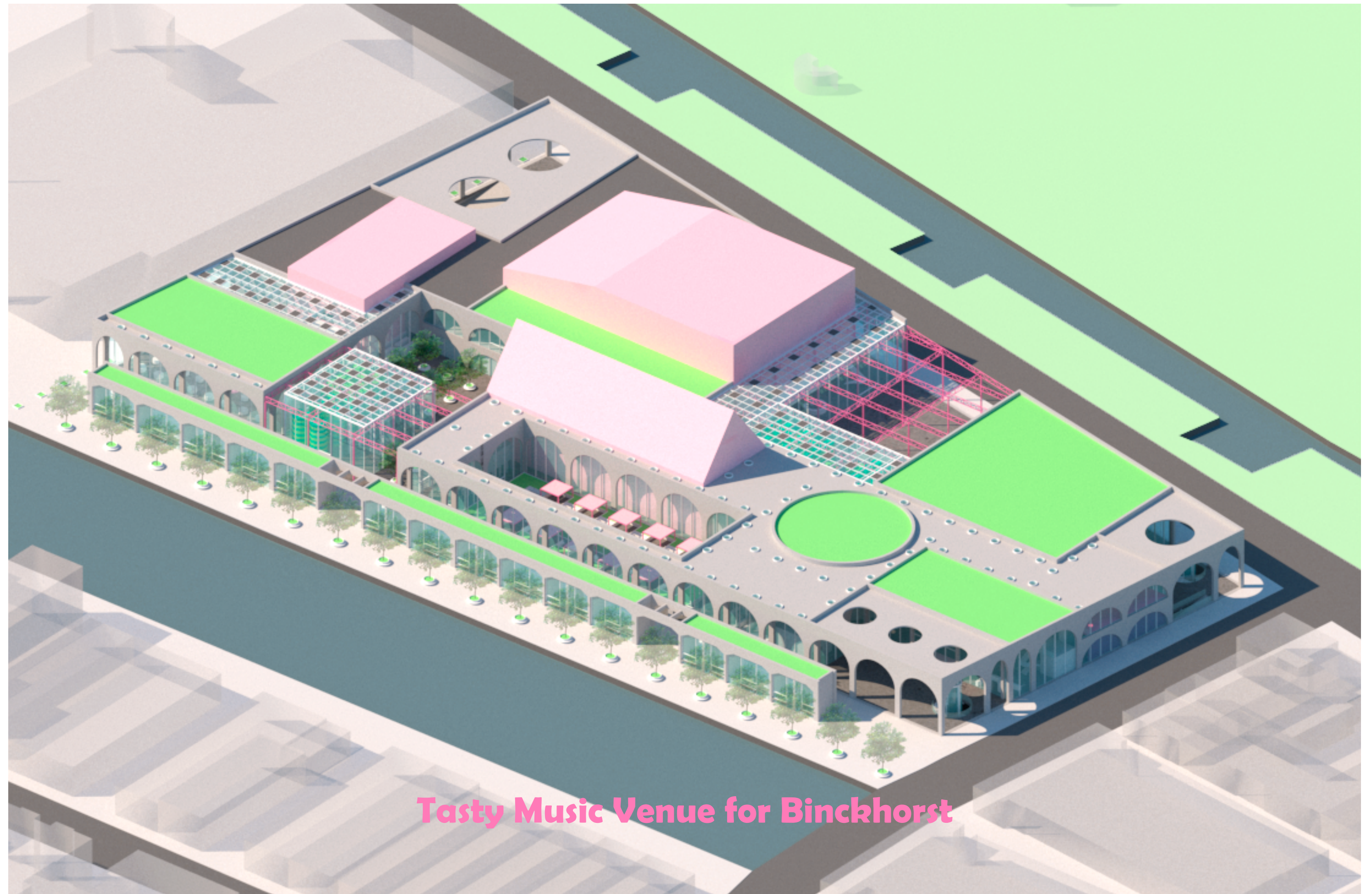












Tasty Music Venue for Binckhorst