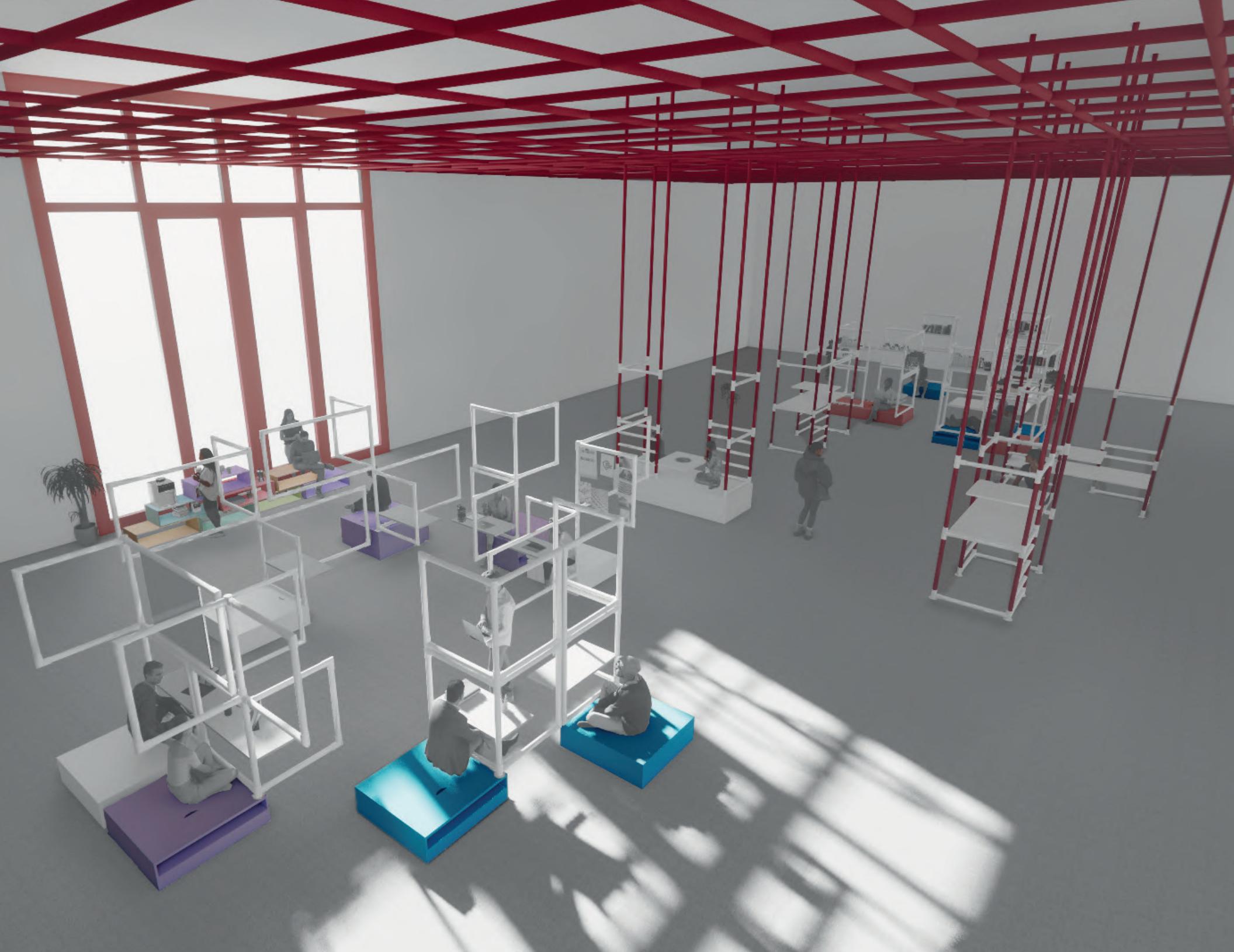


PORTFOLIO

ELVIRA BAFIBA MAKOSO

CONTENTS

04	PIVOT
11	LUMINAIRE
18	COULISSES-CRÉATIVES
30	LIBOKÉ
34	HYPERCUBE





LE PIVOT

1:100

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

DE4550_Atelier de design intégré

Fall 2023

Teacher: Patrick Evans

E02 / THE GUEST ROOM

Made in 10 weeks by Elvira Makosso & Kelly Vong

Role: 3D rendering and axonometries

Mandate & Concept:

Each team must, in turn, design a guest room to house two renowned designers invited to the School of Design as part of the International Design Week 2024. The space should allow the two invited designers to live, work and sleep at the School of Design for 7 days. It can be designed as a wrapping cell or imagined as an object or system of objects. In any case, the space must be integrated into the spatial, social and educational environment of the school.

CONCEPT

Le pivot offers a modular adjustable module forming a true society of rooms, designed to balance comfort and privacy with openness and collaboration. Thanks to modular units influencing spatiality, guests can evolve in an adaptable environment, conducive to individual work and enriching interactions. This approach enhances the community architecture while fostering an ongoing dialogue between the different stakeholders of the school, thus enriching the overall experience.

This society of spaces is designed to welcome four guests within the School of Design. The concept also explores day/night alternation, highlighting an optimized use of spaces according to individual and community needs. During the day, units become public spaces for social interaction and sharing. At night, these same units are reorganised into private modules dedicated to rest.



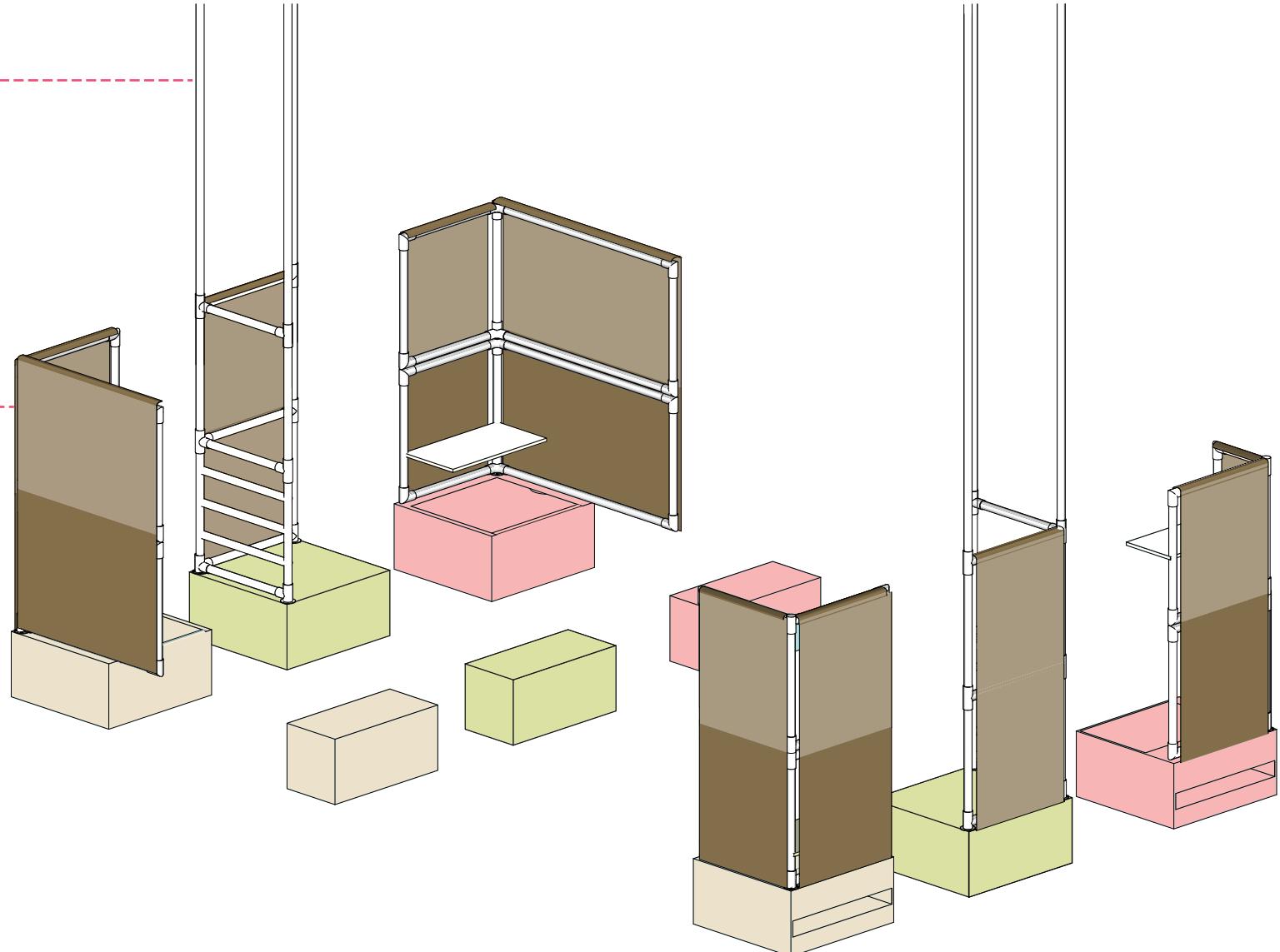
CONFIGURATION OF UNITS IN A MODULE



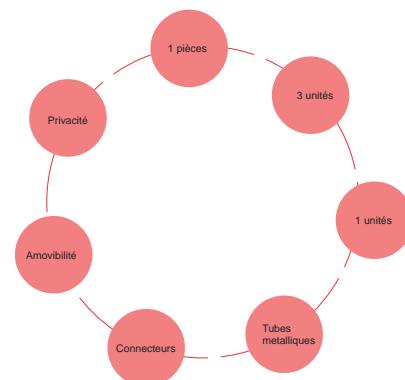
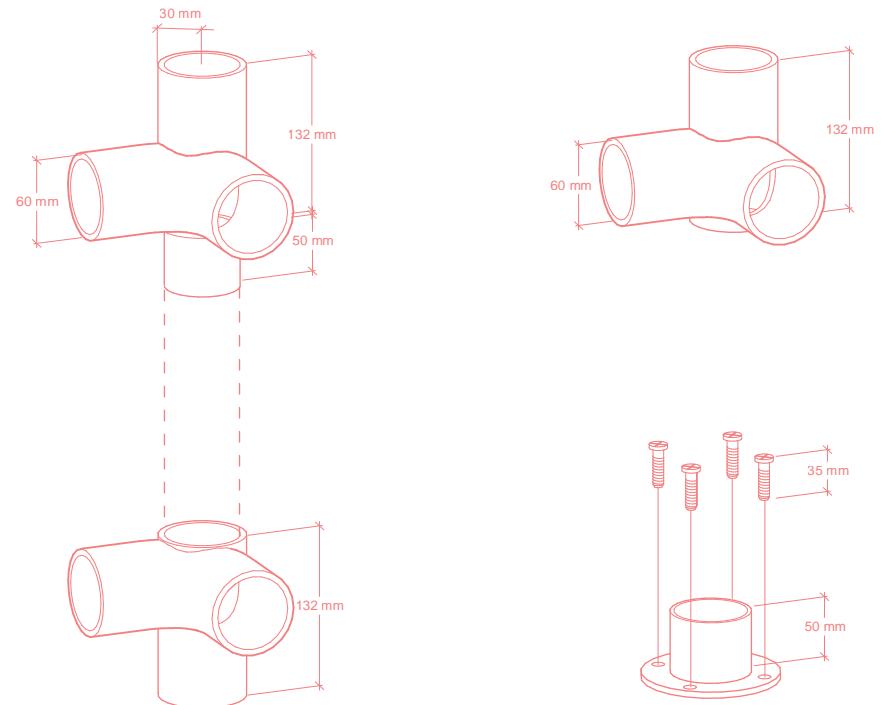
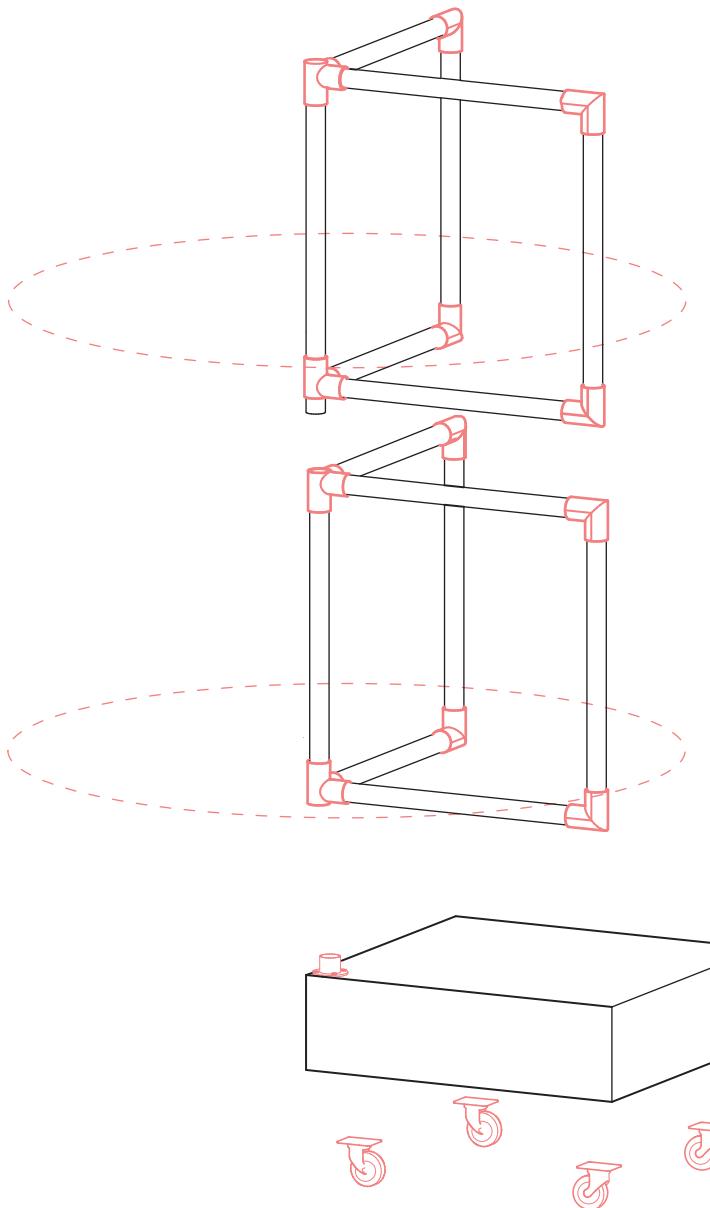
Connected with the
grate ceiling



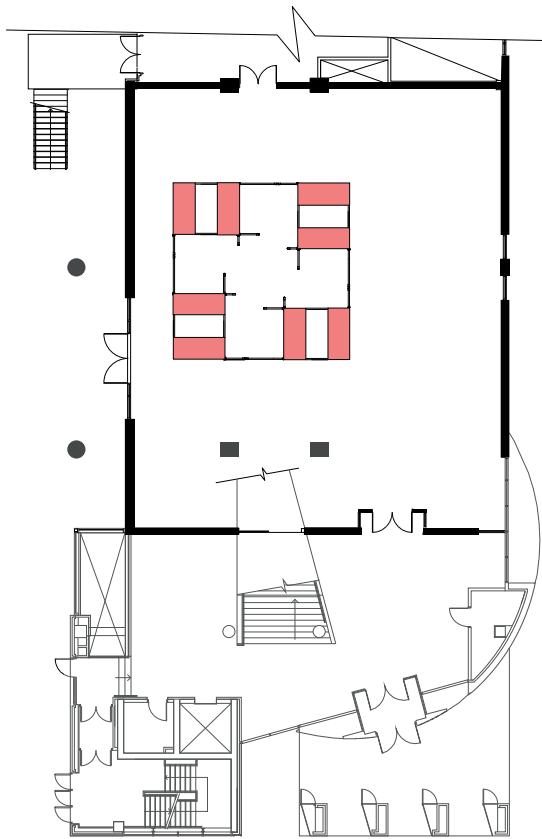
Burlap



ASSEMBLY OF UNITS



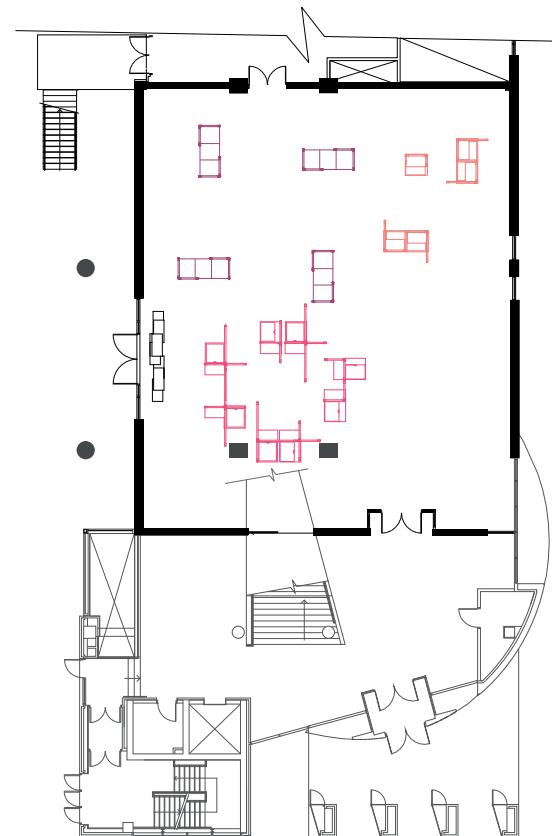
THE SOCIETY OF SPACES - Ground Floor Plan - UQAM School of Design



Society of spaces at Night



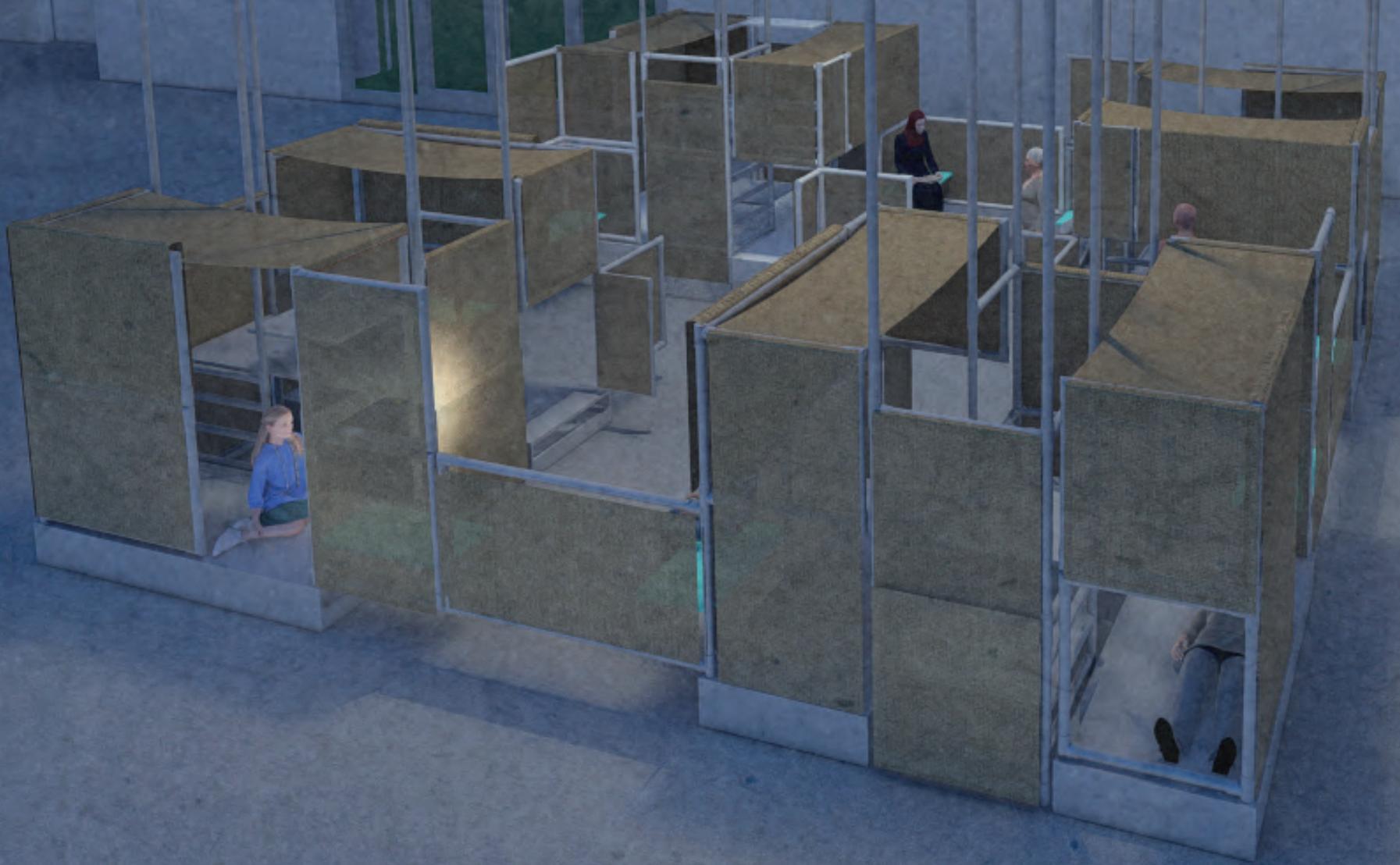
Module



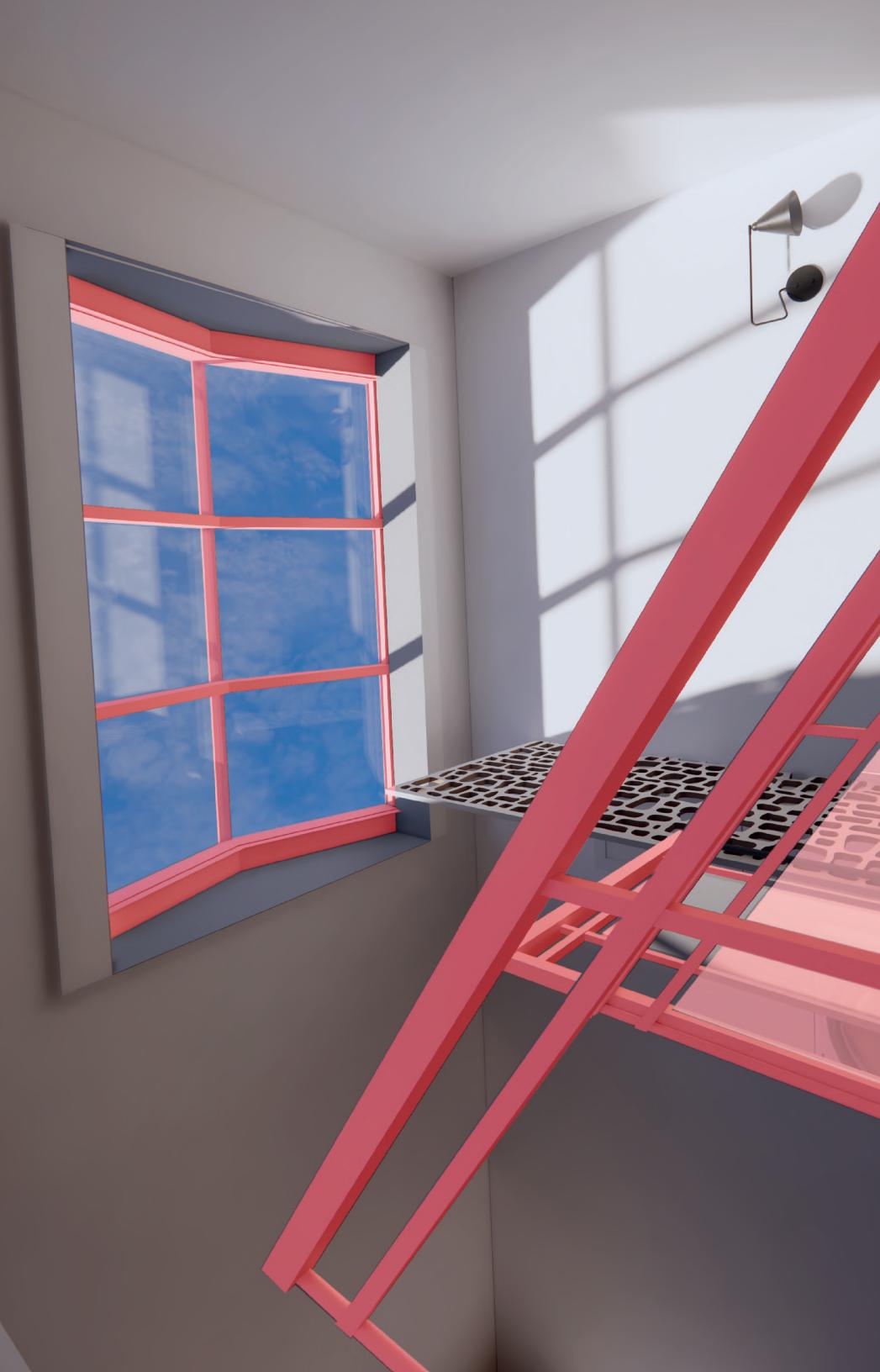
Society of Rooms at day

- Workplace
- Café Space
- Dining Area
- Resting Area

N.B: The arrangement of the society during the day is subject to change as we aim to study the behavior of guests in interaction with the public.







LUMINAIRE

1:100

CÉGEP DE ST-LAURENT

221-500-SL _ Final project design

Fall 2020

Teacher: Justin Duchesneau

FINAL PROJECT

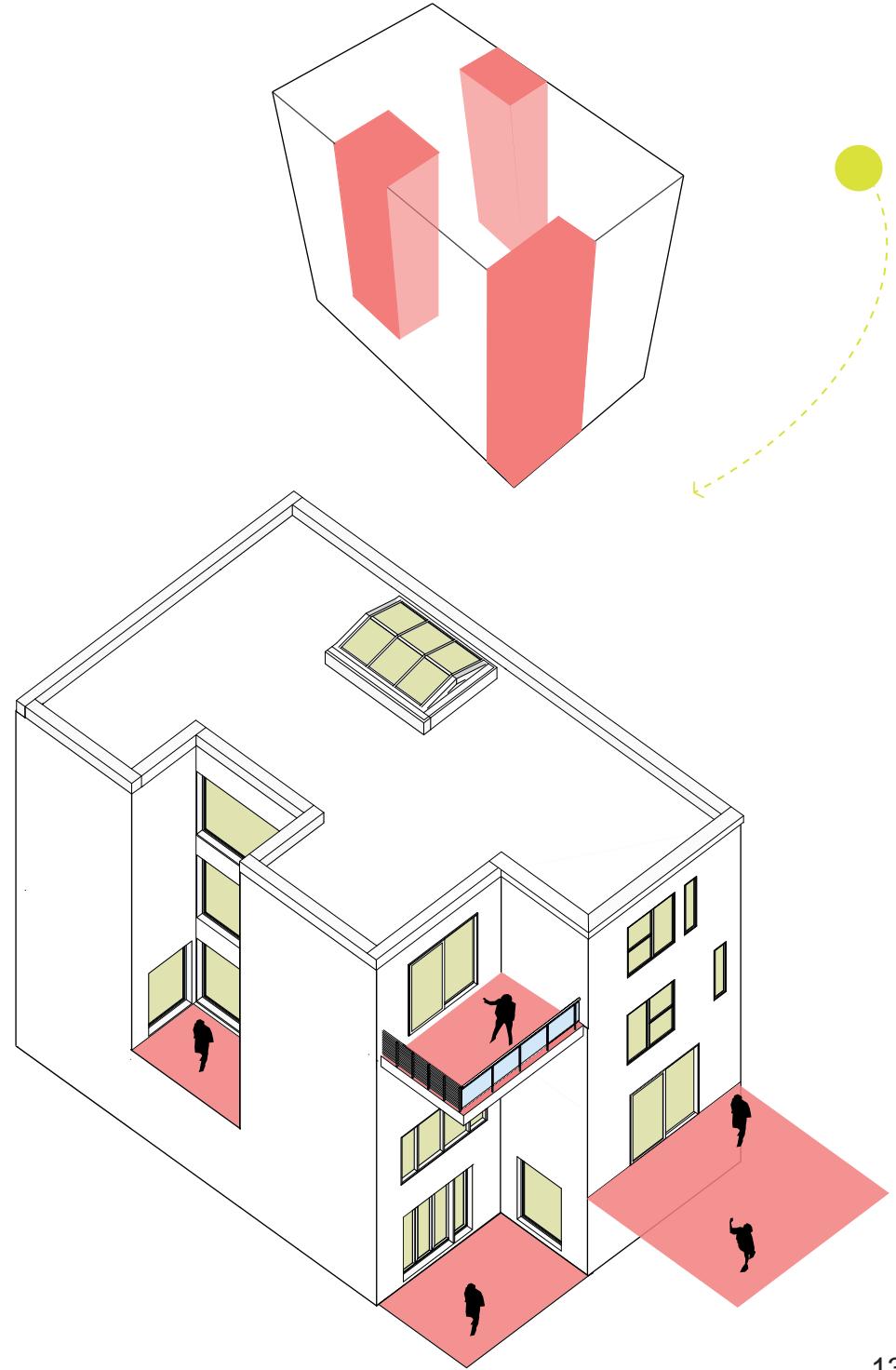
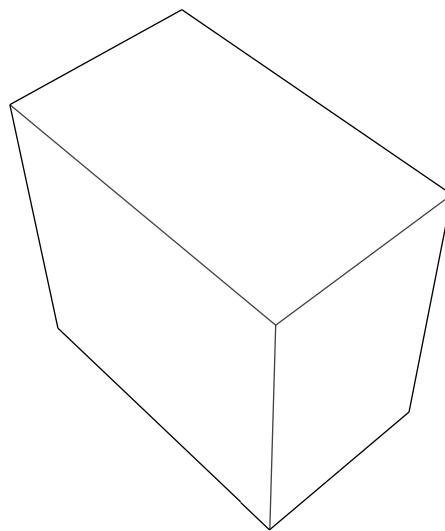
Made in 15 weeks by Elvira Makosso

Mandate:

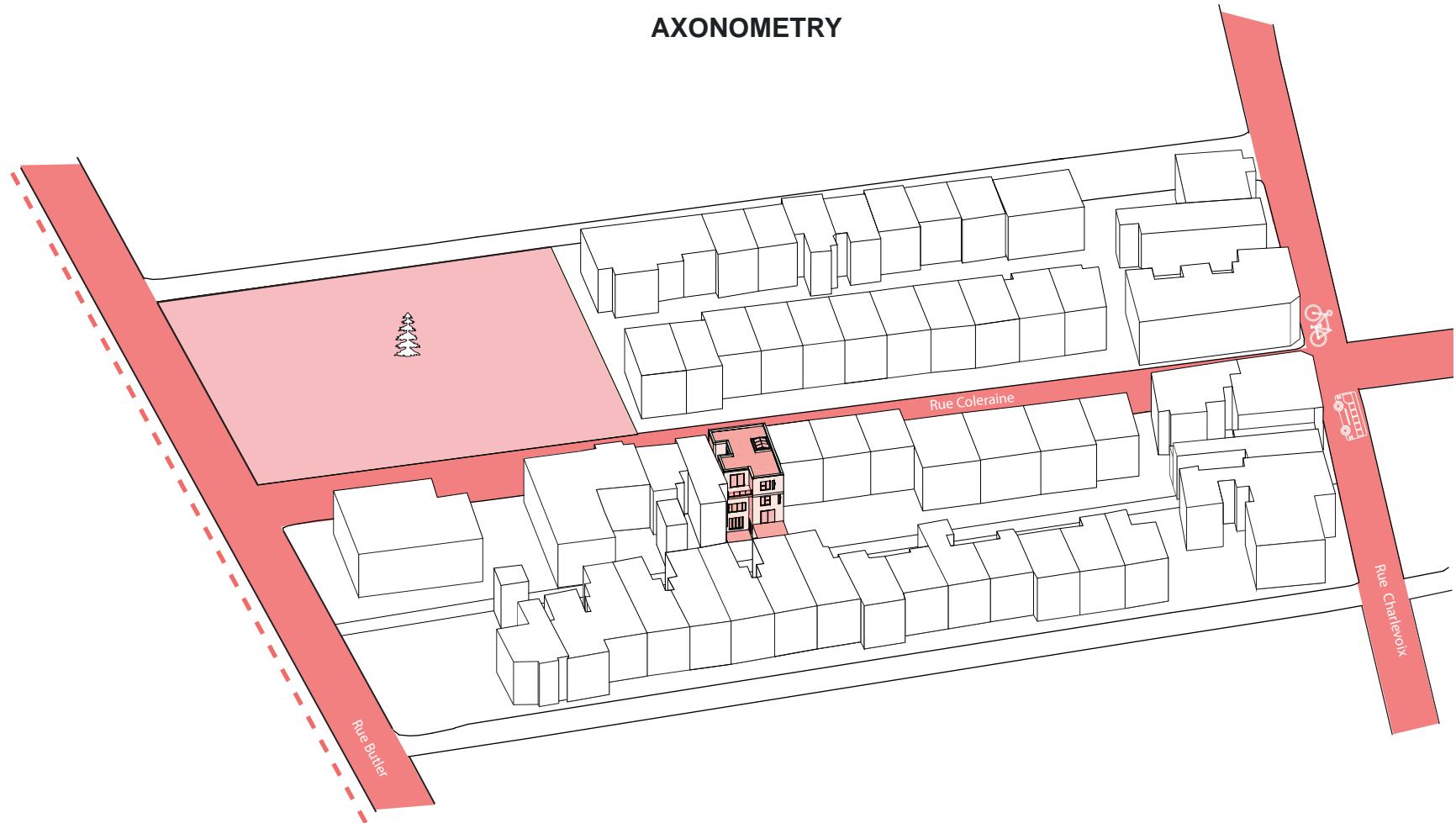
Design a three-bedroom unit with an artist's studio for a family of four, and a second two-bedroom unit for a tenant.

CONCEPT

The building's concept as a luminaire transforms the building into an integrated light source, optimizing both natural and artificial light. This allows the stairs and corridors, designed as conduits of this light, to maintain a continuous lighting atmosphere. The facades and roofs diffuse light, flooding the interior spaces with a harmonious clarity. The windows, acting as lenses, project light in depth. The efficient and optimized electrical infrastructure enriches the users' spatial and visual experience, transforming the building into a true architectural lantern.



AXONOMETRY



LEGEND

- 2696 Rue Coleraine
- Sammy Hill Park
- Railway
- Bus 67 East and West
- Station BIXI

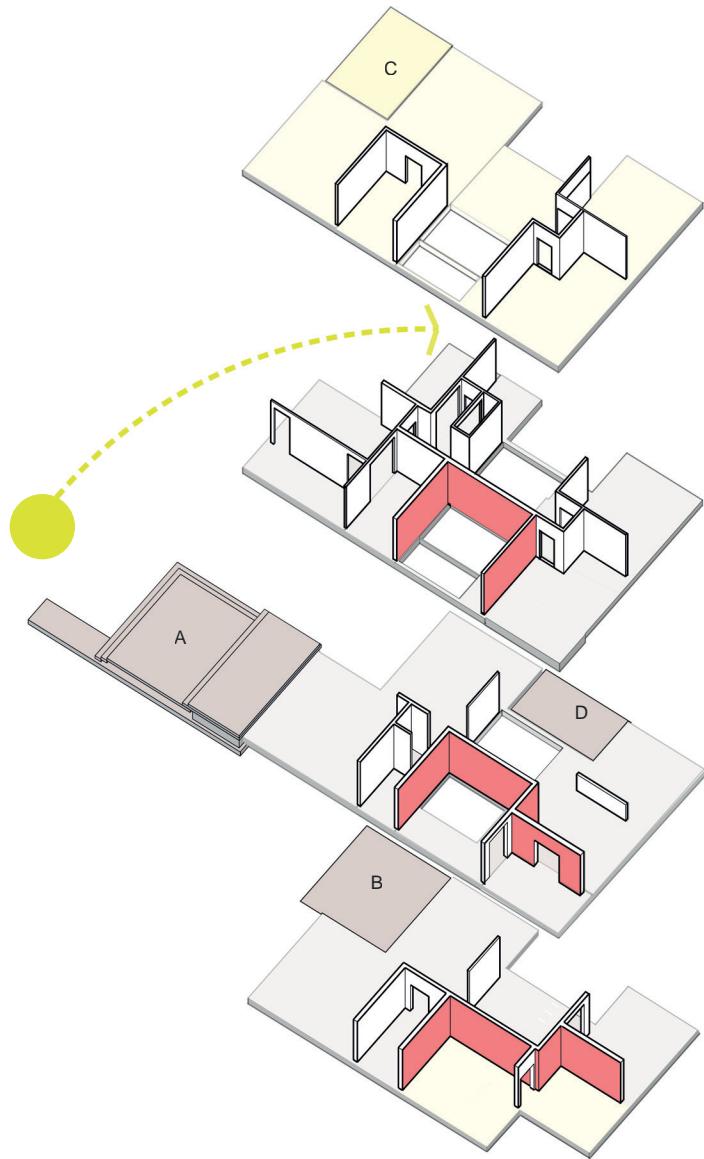


Front elevation



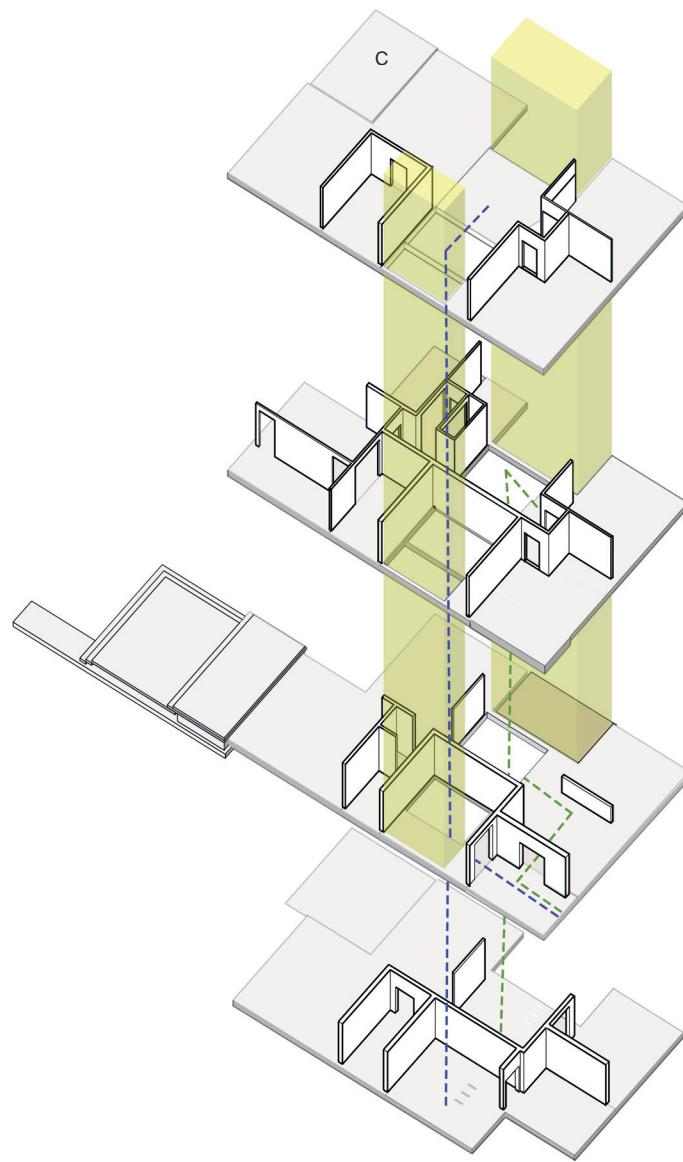
Rear elevation





Horizontal relations between outdoor and indoor spaces

- Separation between the two dwellings
- Interior spaces (Owner dwelling)
- Outdoor areas (Owner dwelling)
- Interior spaces (Tenant's dwelling)
- Outdoor spaces (Tenant's dwelling)
- Owner terrace (A)
- Owner sunken area (B)



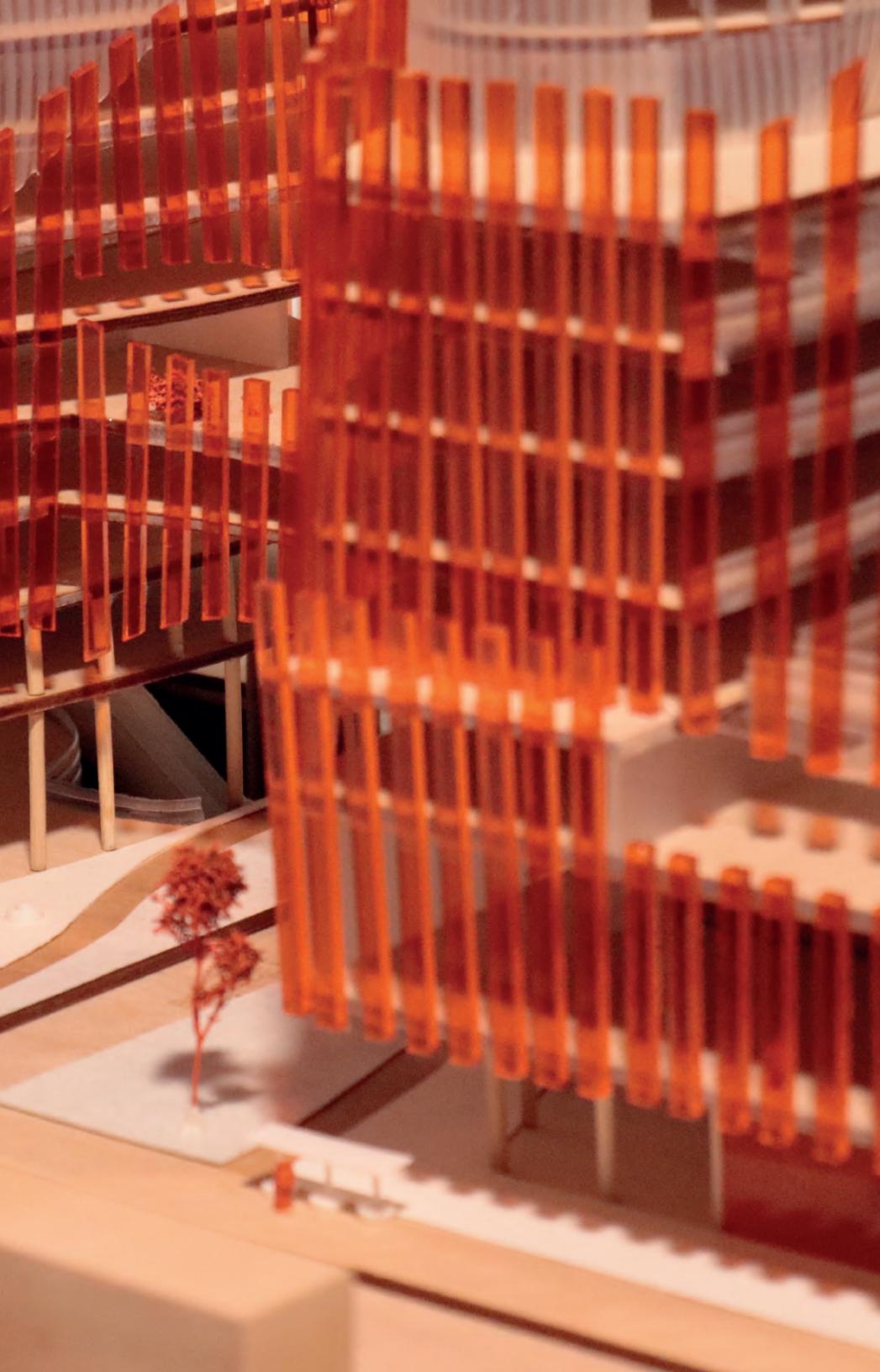
Vertical relationships between the different levels

- Tenant terrace (C)
- Staircase (Tenant dwelling)
- - Staircase (Owner dwelling)
- Sun Path



Atrium





COULISSES-CRÉATIVES

1:100

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

DES663C: Atelier synthèse

Winter 2024

Teacher: Randy Cohen

FINAL PROJECT

Made in 10 weeks by Kelly Vong, Atofa Uddin, Yassmina Aabi, Zarah Bensaidane & Elvira Makosso

Role: 3D rendering and model

Mandate:

Design a new place for the arts, for the Faculty of Arts, which includes the Graduate School of Theatre, the Dance Department, the Art History Department, the Master's Program in Museology and the UQÀM Gallery, etc.

This place for the arts will be a natural public passage and a space that will subtly influence and interact with thousands of people daily... This "building/cityscape" will be both a destination and a viaduct, while helping to transform people's perceptions of the arts, higher education and the city... and it will be a cultural "business card" for UQAM in this entertainment district.

CONCEPT

Marked by the prestigious theatre institutions that animate the neighbourhood, this project is inspired by the backstage of a theatre, transforming the neighbourhood into an interactive urban scene. It offers a public architecture that attracts passers-by and students, redefining the urban experience through its theatricality.

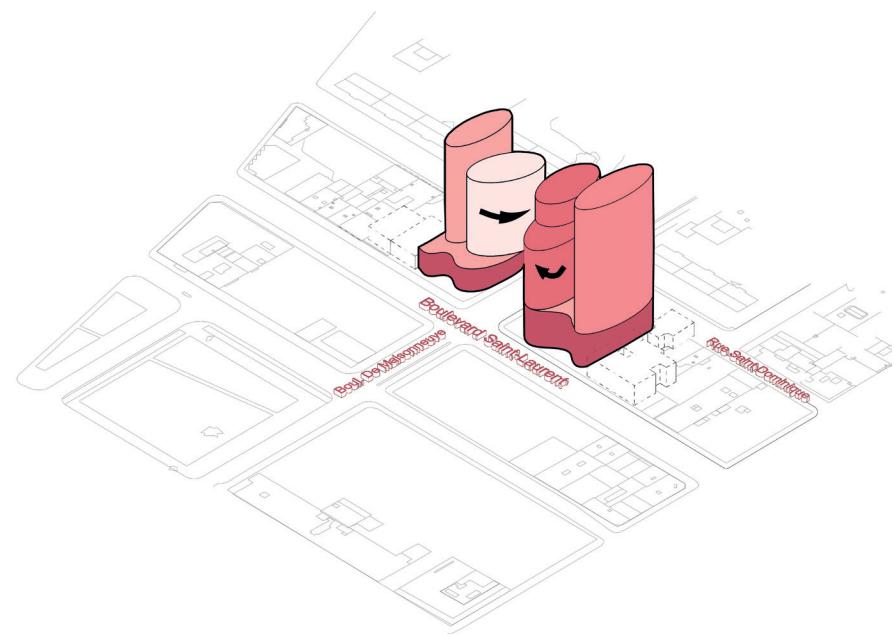
The elliptical shape of the exploration and the copper-plated brass slats on the facades give a distinctive identity, evoking the fluidity and dynamism of theatre settings. These vertical slats, partially openwork, gradually reveal the interior volumes, like a curtain that slowly opens.

Inside, double heights and generous visual openings bathe the spaces in natural light, offering a welcoming atmosphere. Architecture uses “behind the scenes” as a metaphor to foster a dialogue between urban, architectural and human scales, anchoring the project in the UQÀM community while enriching social and cultural interactions.



Inspiration-Panoramic view of the Wilfrid-Pelletier room

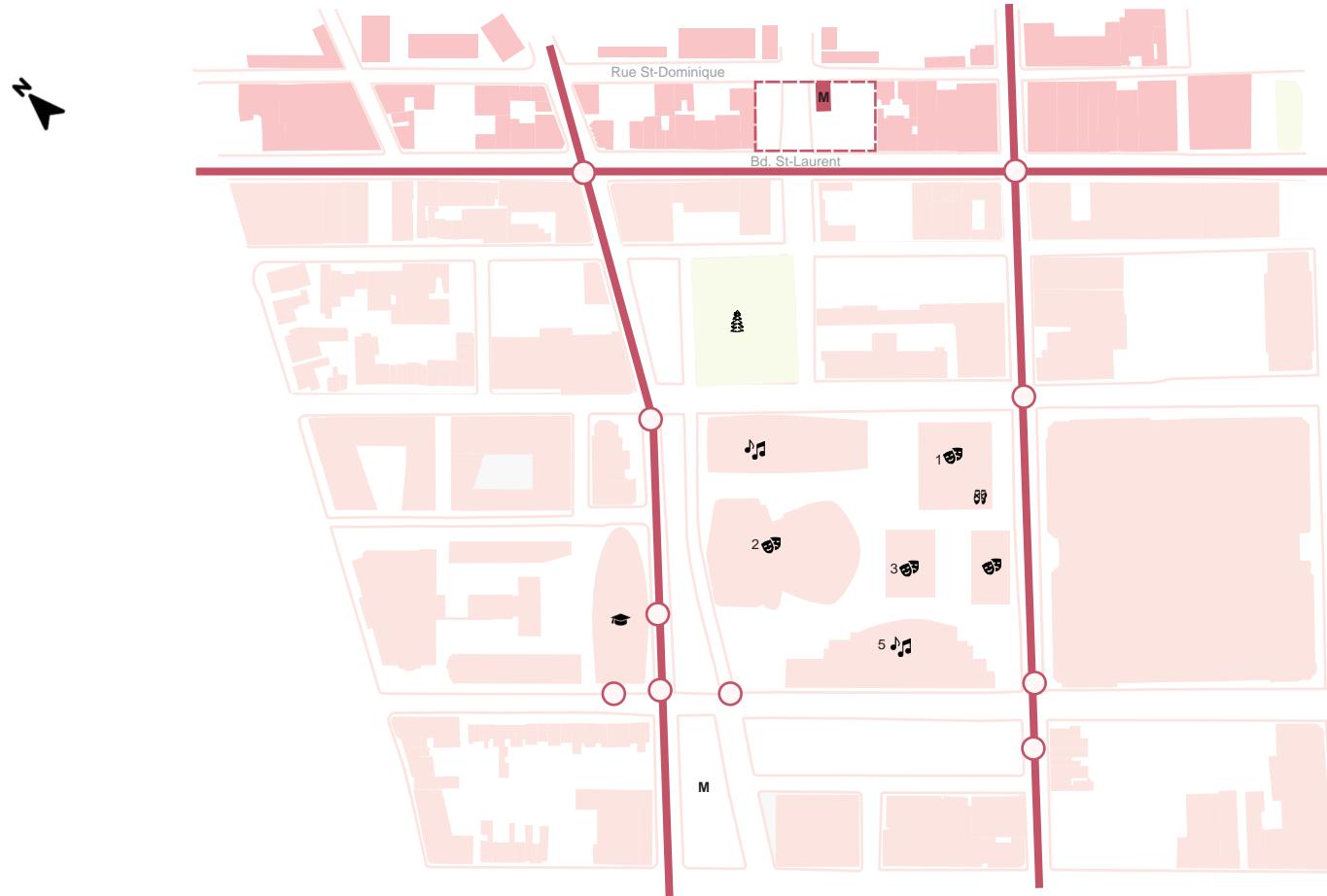
The elliptical shape was selected for its geometric properties, offering 360 degree panoramic views. We look for strategic moments where architecture and landscape are joined by planned development.



Elliptic volumetry

- Public space
- Department of history & museology
- Dance department
- Art department
- Department of literature

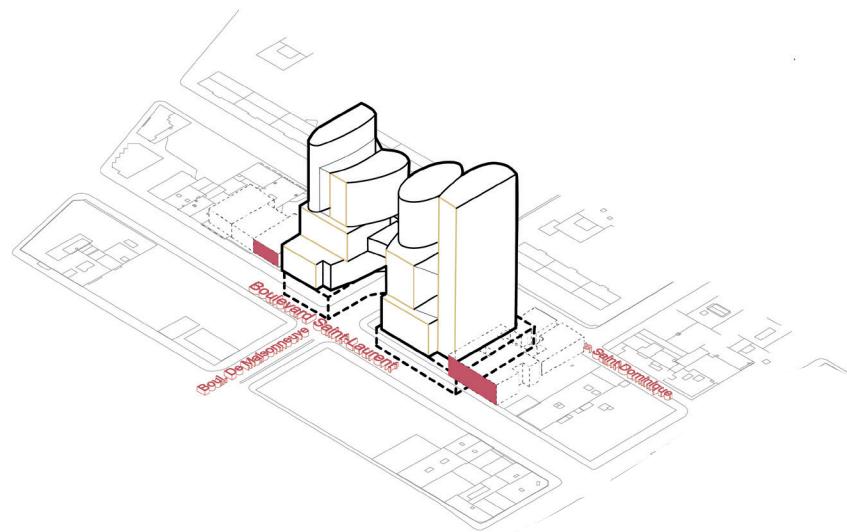
SITE PLAN



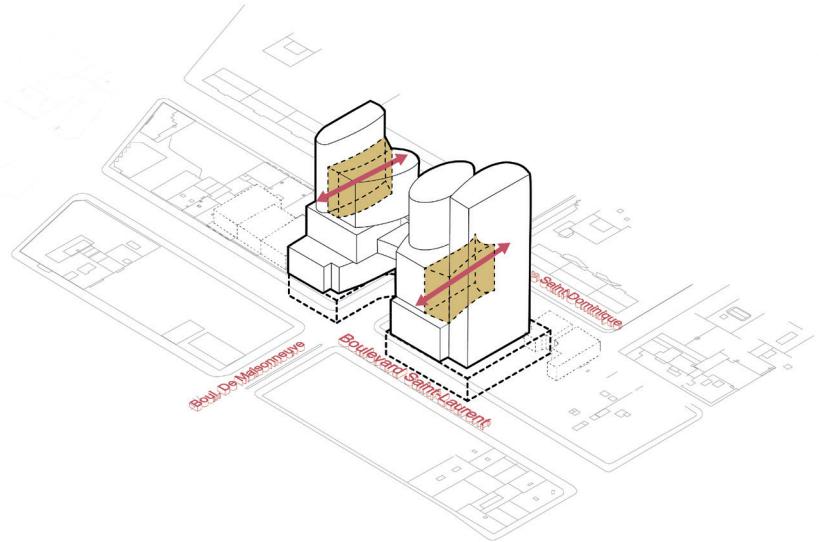
PLACE OF INTEREST LEGEND

- Metro Saint-Laurent
- Metro Place-des-Arts
- UQAM
- Les Grands Ballets
- Orchestre symphonique de Montréal
- Théâtre de Maisonneuve

- Parterre du Quartier des spectacles
- Flow of traffic
- Bus stop
- Neighborhood backstage
- Neighborhood arena

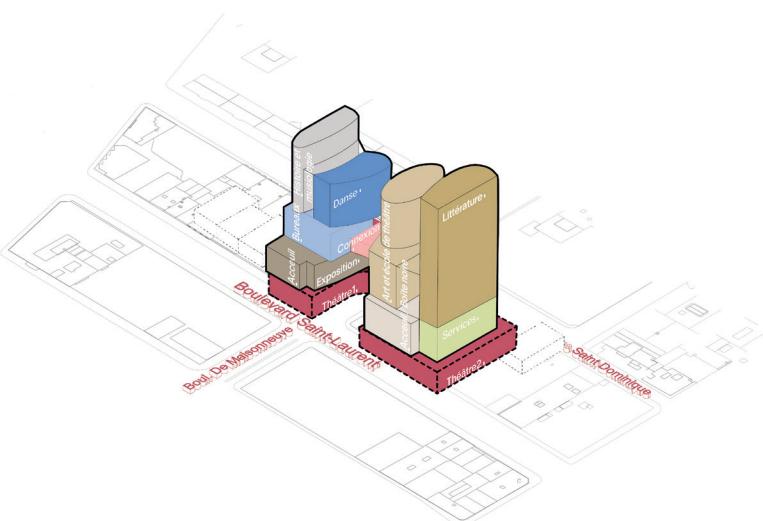


Alignment with neighbouring facades



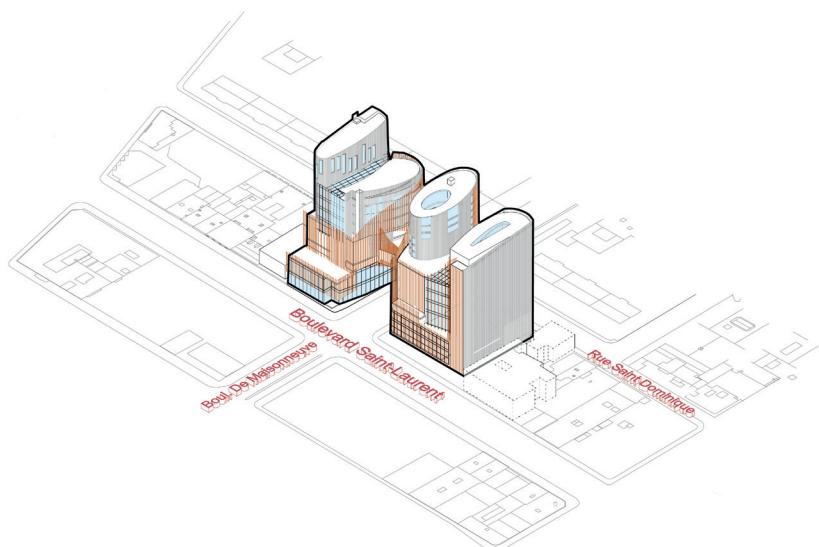
Atrium-Breakthrough for the light

■ Visual connection to the outside



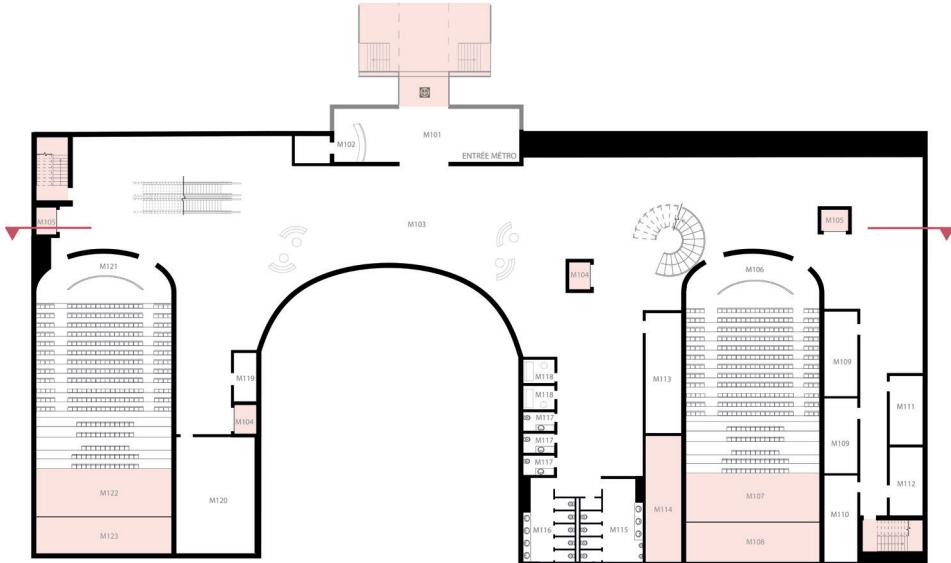
Distribution of the program

■ Passage connecting the different pavilions



Materiality & texture

- Curtain wall
- Metal coating
- Copper brass slats

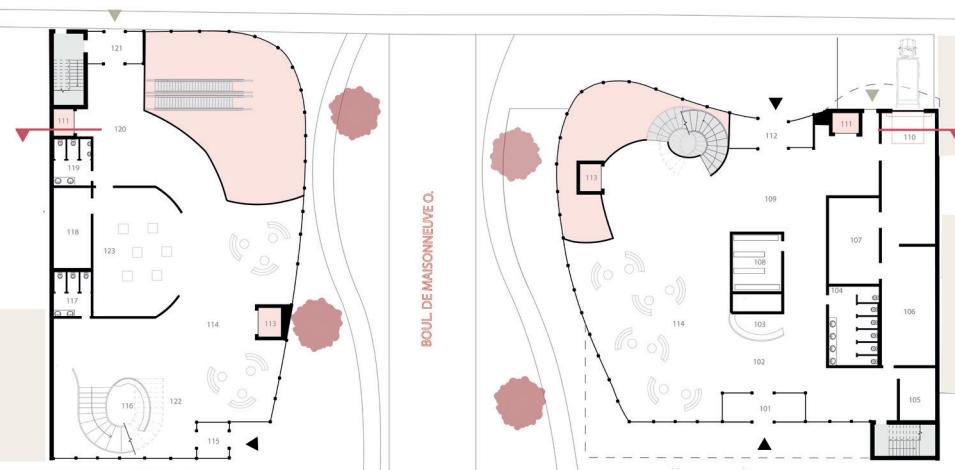


1m 4m
2m 8m

METRO LEVEL

- M101 - Metro entrance
- M102 - Ticketing
- M103 - Foyer
- M104 - Elevator
- M105 - Lift
- M106 - Management
- M107 - Theatre Room 2
- M108 - Backstage
- M109 - Men's/ Women's Dressing Rooms
- M110 - Showers
- M111 - Green Room
- M112 - Green Room
- M113 - General Lodges
- M114 - Theatre 2 Depot
- M115 - W.C. Women
- M116 - W.C. Men
- M117 - W.C. Universal
- M118 - Nursing room
- M119 - Mechanical room
- M120 - Loges
- M121 - Management
- M122 - Theatre Hall 1
- M123 - Backstage

RUE SAINT-DOMINIQUE



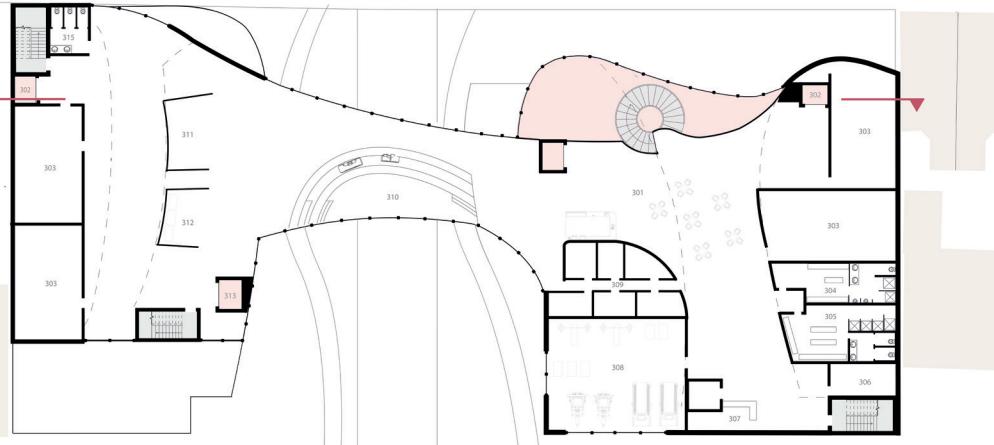
1m 4m
2m 8m

GROUND FLOOR

- 101 - Vestibule
- 102 - Entrance hall
- 103 - Reception / Ticketing
- 104 - W.C. Universal
- 105 - Mechanical room
- 106 - Storage
- 107 - Deposit
- 108 - Changing rooms
- 109 - Entrance hall
- 110 - Receipt of goods - (Dock)
- 111 - Load-Lift
- 112 - Vestibule
- 113 - Elevator
- 114 - Lounge
- 115 - Vestibule
- 116 - Reception / Office
- 117 - W.C. Women
- 118 - Depot / Warehouse
- 119 - W.C. Men
- 120 - Entrance hall
- 121 - Vestibule
- 122 - Entrance hall
- 123 - UQÀM Gallery

BOUL ST-LAURENT

RUE SAINT-DOMINIQUE

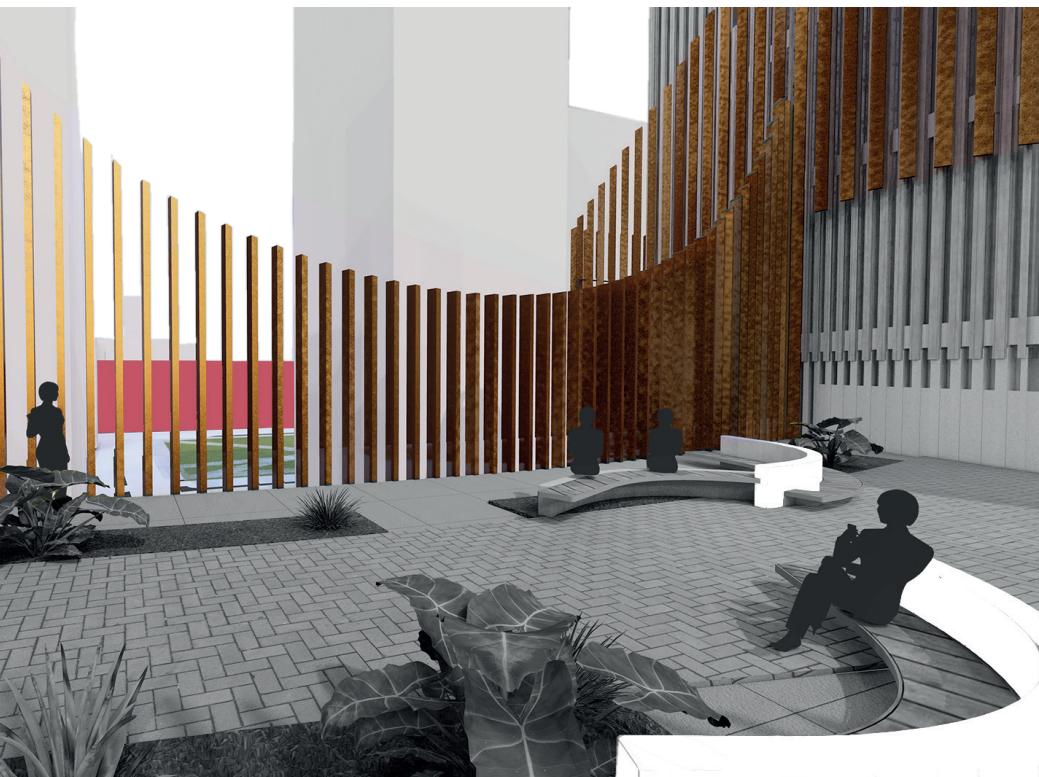


1m
2m
4m
8m

3RD FLOOR

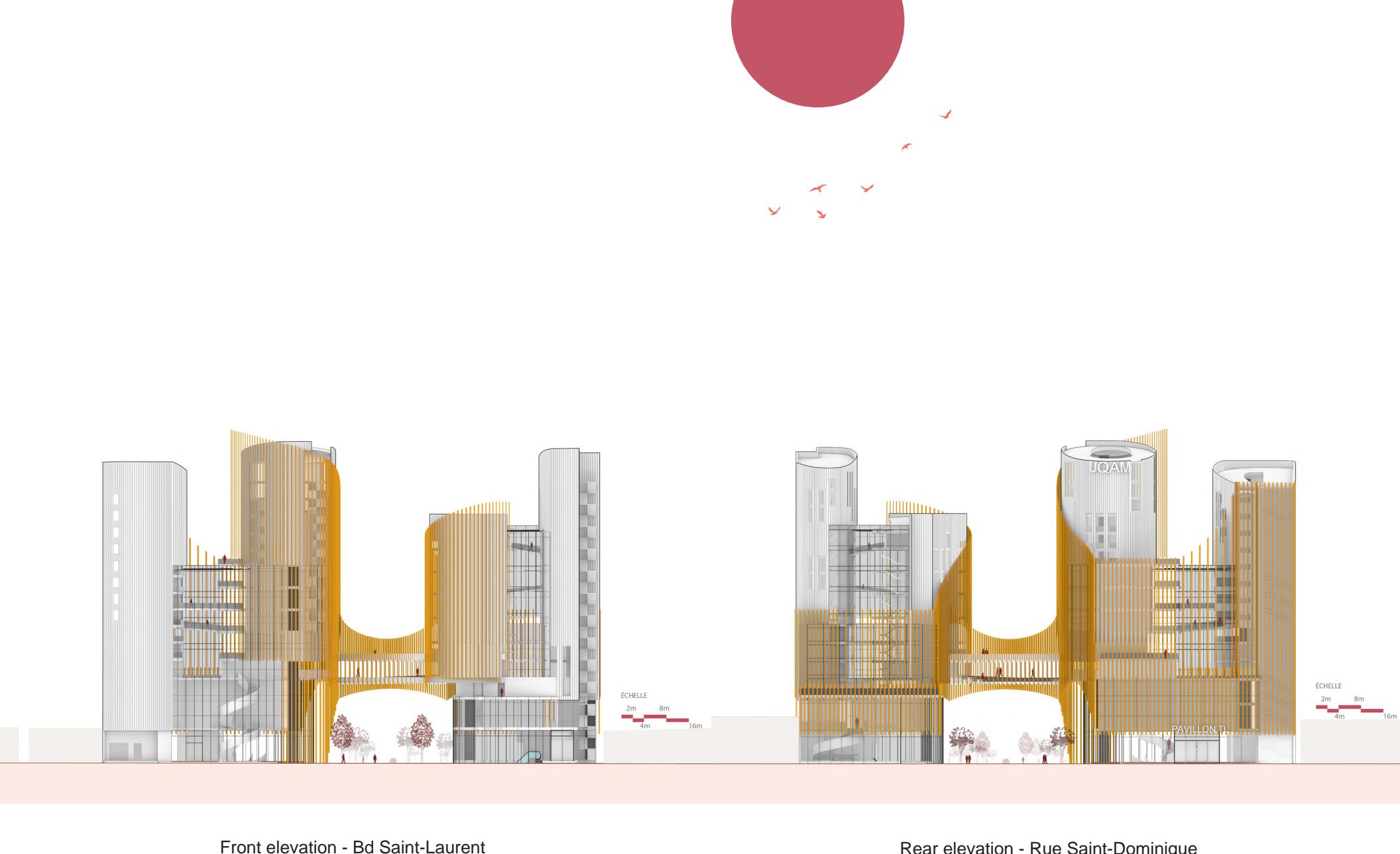
- 301 - Student Café
 - 302 - Load Lift
 - 303 - Seminar room
 - 304 - Men's Dressing Room
 - 305 - Women's Dressing Room
 - 306 - Mechanical room
 - 307 - Home/ Reception
 - 308 - Gym Centre
 - 309 - Local Associations
 - 310 - Living room
- 311 - Cafetaria
312 - Coin Vending
313 - Elevator

BOUL ST-LAURENT



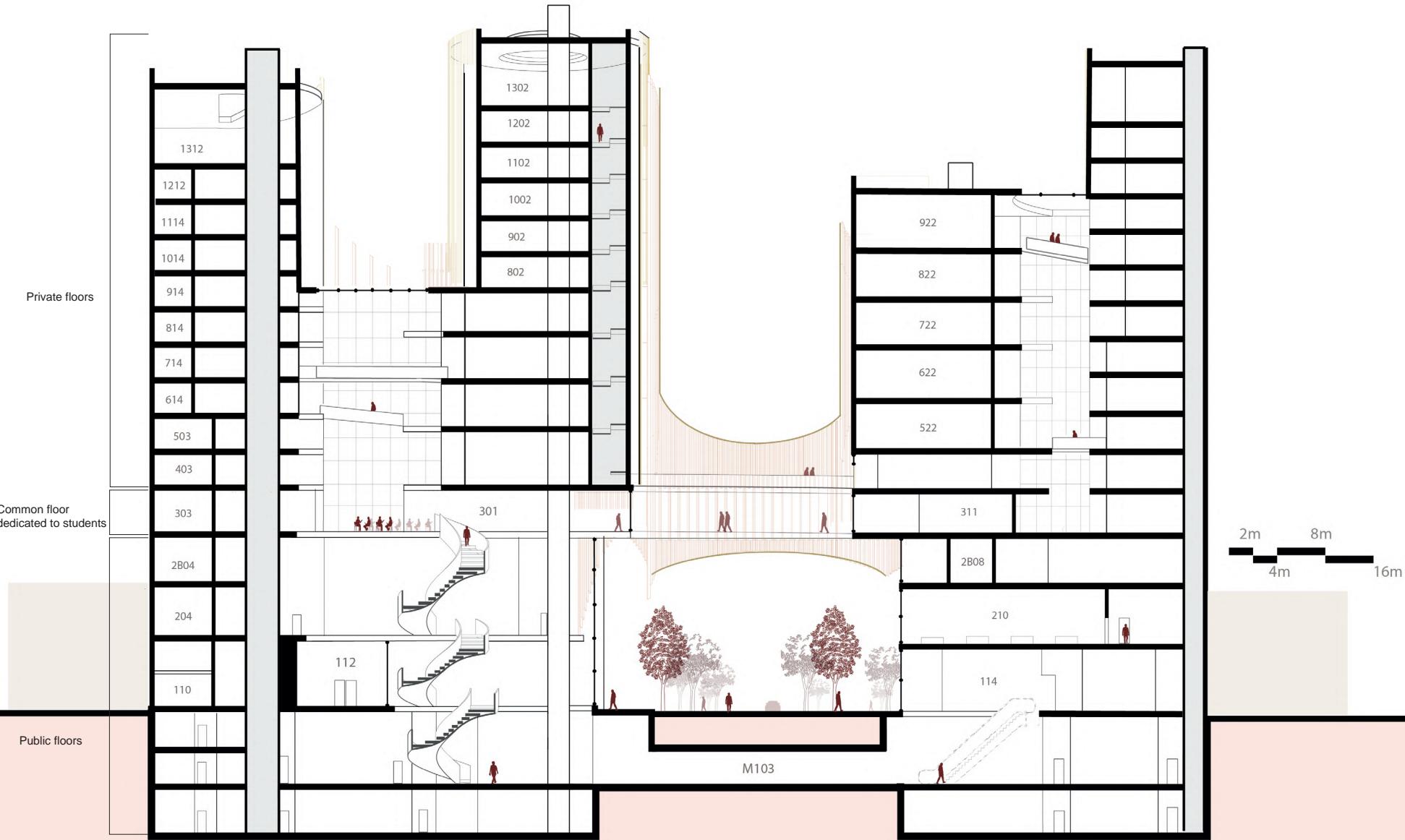
**Appreciation of the urban environment
on the Bridge**

Like a theatre curtain, the slats play with spacing to gradually reveal an exciting view of the Place des Arts.



Front elevation - Bd Saint-Laurent

Rear elevation - Rue Saint-Dominique



METRO LEVEL

M103 - Foyer

GROUND FLOOR

110 - Receipt of goods - (Dock)

112 - Vestibule

114 - Lounge

2ND FLOOR

204 - Black Box Deposit
210 - Exhibition room

2.5 FIRST FLOOR

2B04 - Lodges
2B08 - Faculty of Arts Office

3RD FLOOR

301 - Student Café
303 - Seminar room
311 - Cafetaria

4TH FLOOR

403 - Maintenance workshop

5TH FLOOR

503 - Storage
522 - Teaching Lab (Dance)

6TH FLOOR

614 - Office (Literature)
622 - Teaching Lab (Dance)

7TH FLOOR

714 - 720 Office (Literature)
722 - Teaching Lab (Dance)

8TH FLOOR - 11th FLOOR

802 - Office (Theatre)
822 - Teaching Lab (Dance)

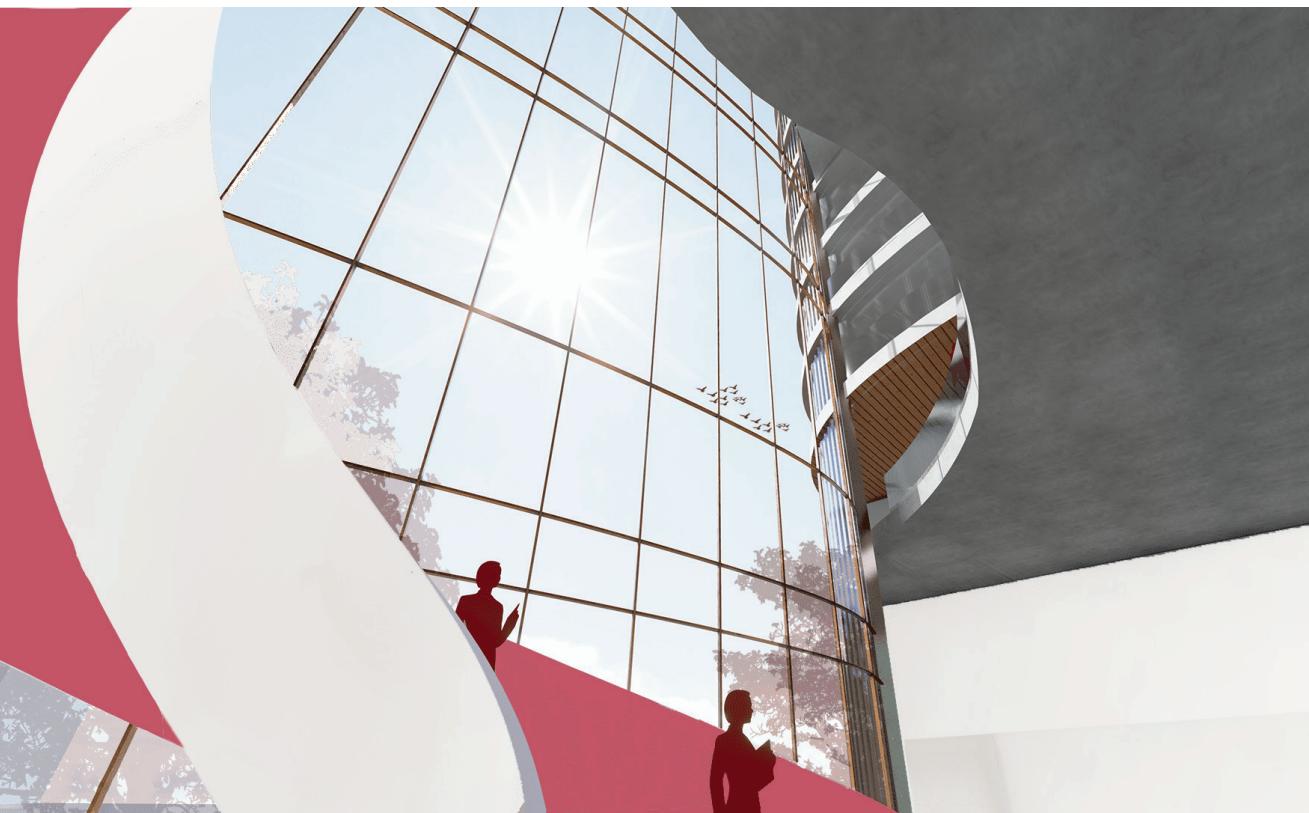
12TH FLOOR

1202 - Student lounge
1212 - 1220 Office (Literature)

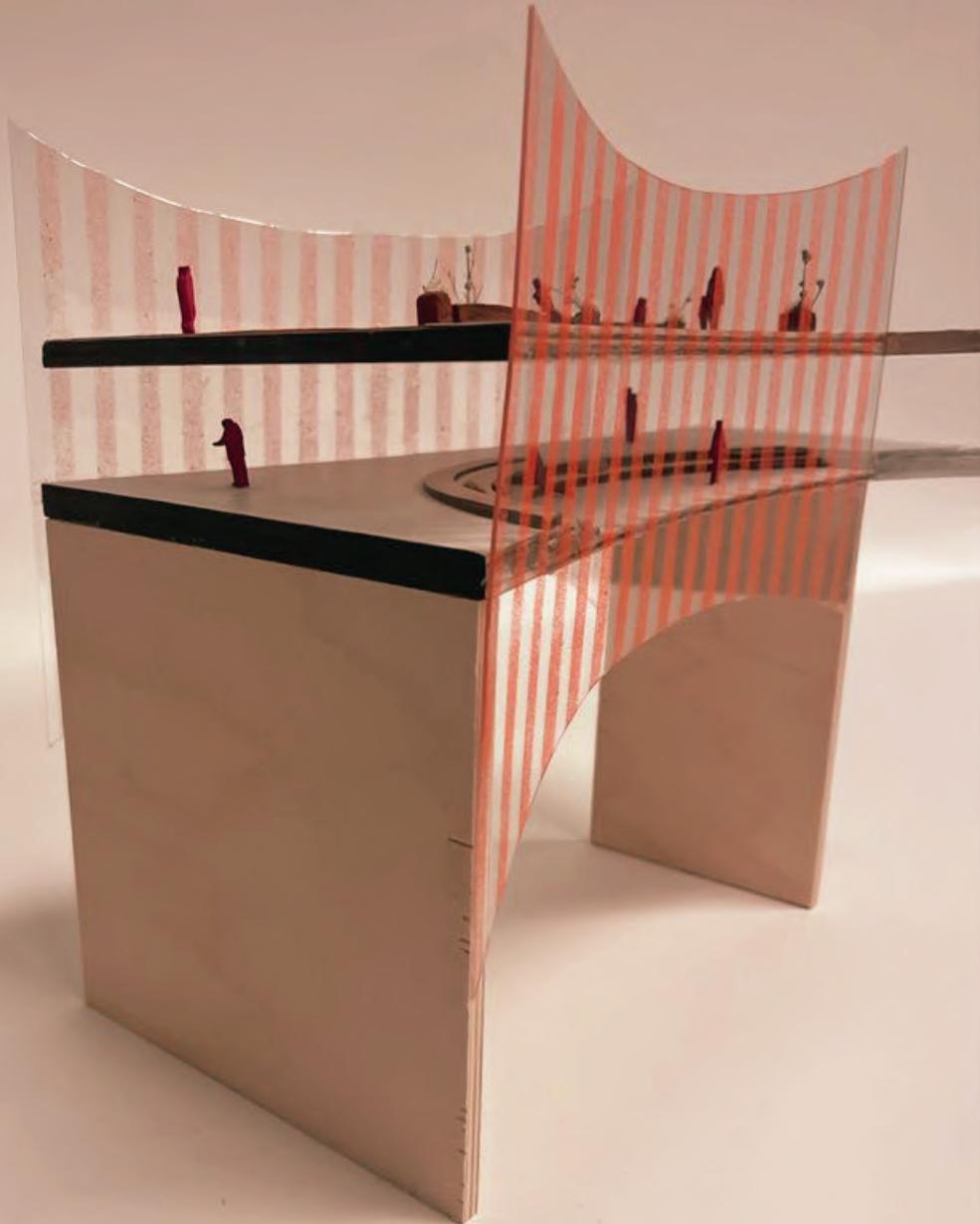


Public architecture - Metro level

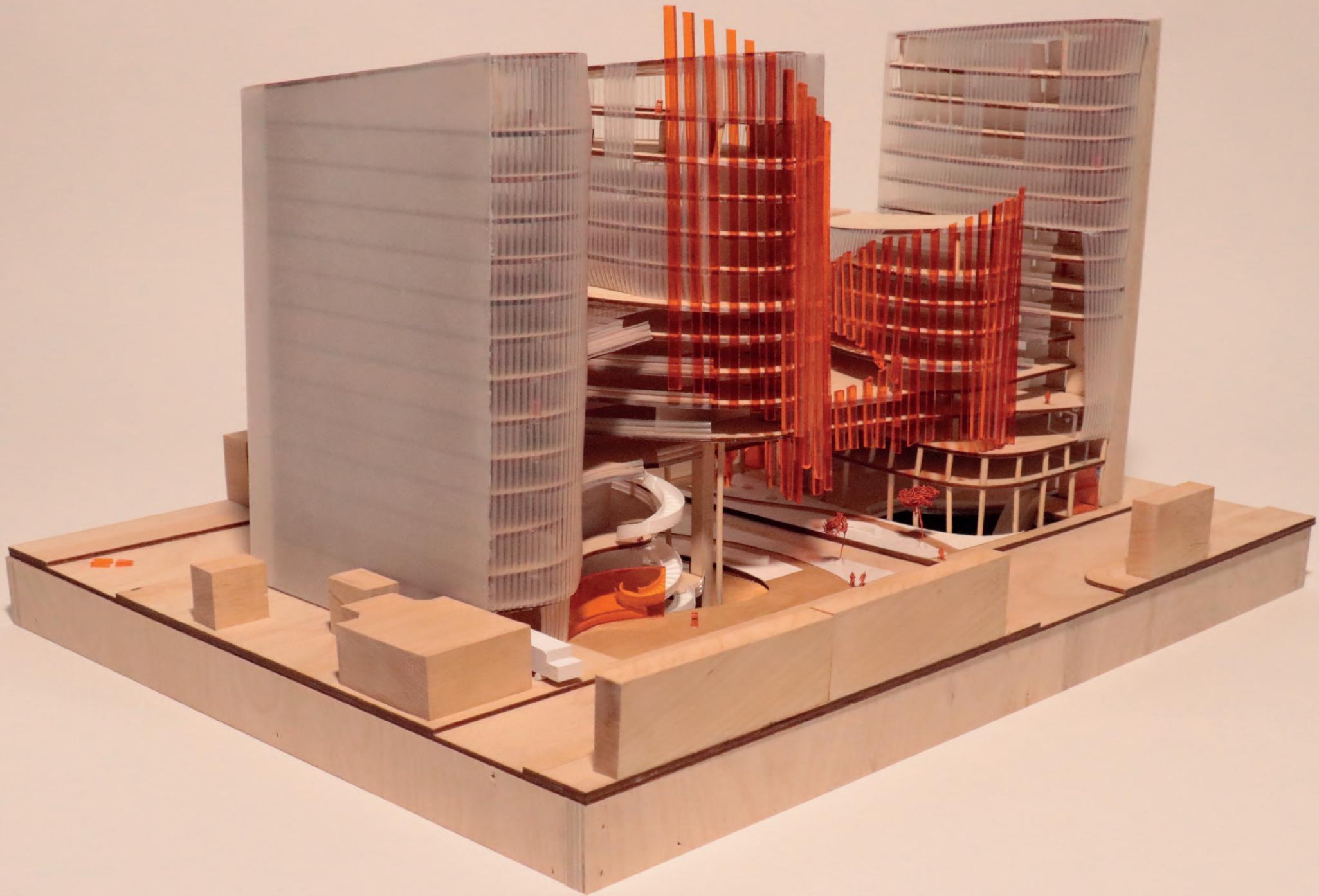
To restrenght the socialcuturel structure, smart socialcultural programs are proposed to bring people together.

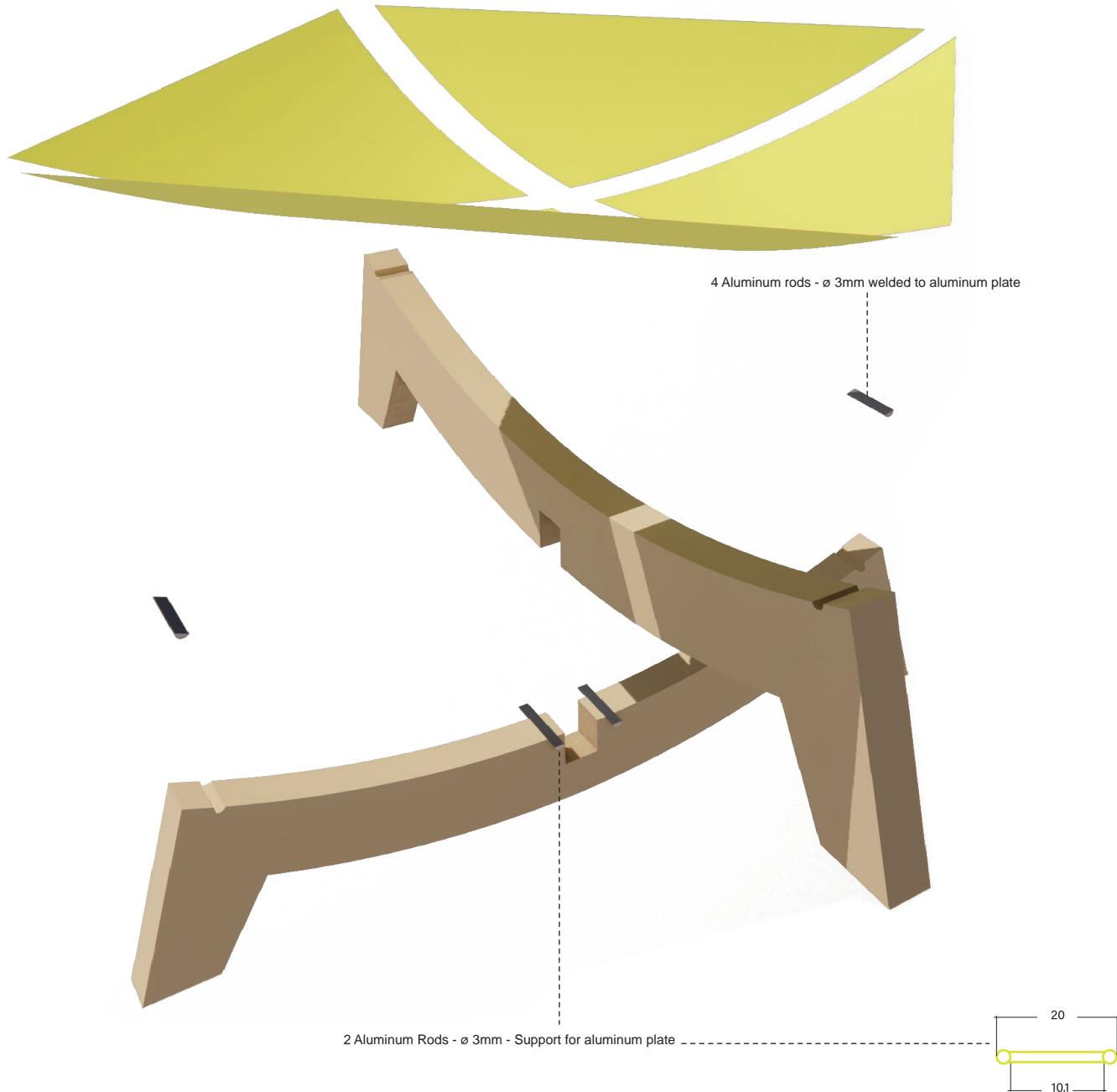


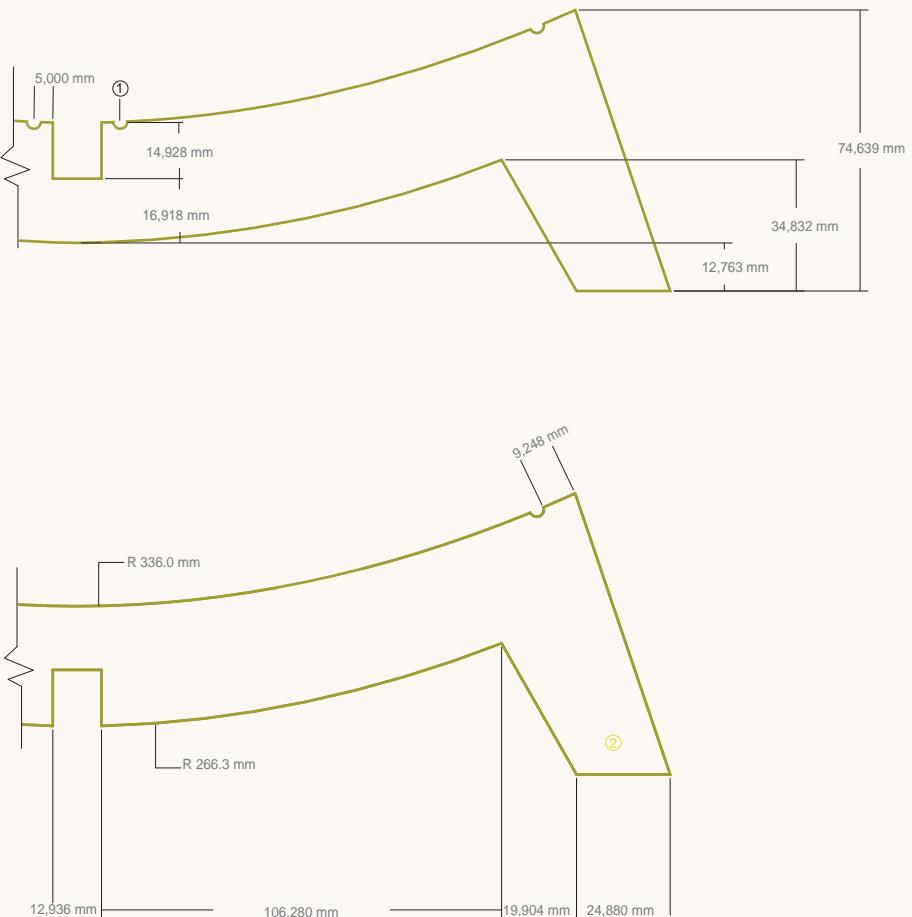
Architectural staircase



Model of the bridge connecting the two buildings 1:200







LIBOKÉ

1:1

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

DES2630 - Atelier: echelle 1:1
Winter 2022
Teacher: Guillaume Noiseux

ART DE LA TABLE

Made in 1 week by Elvira Makosso & Atofa Uddin

Role: 3D rendering and model

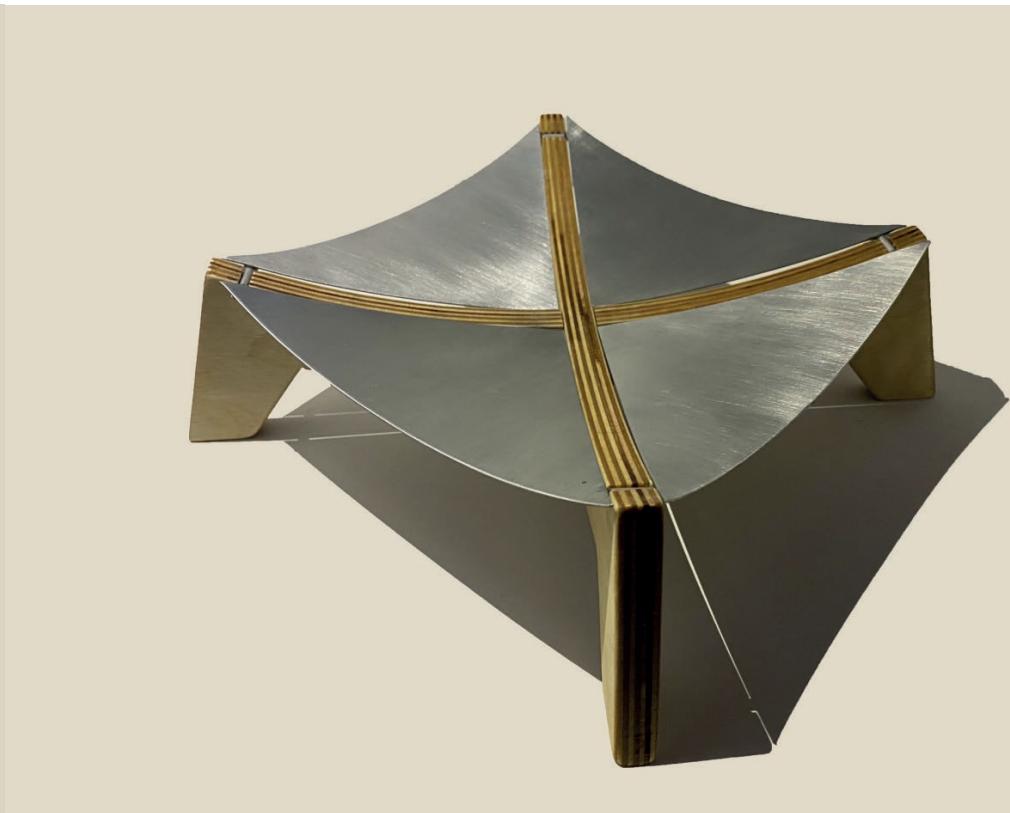
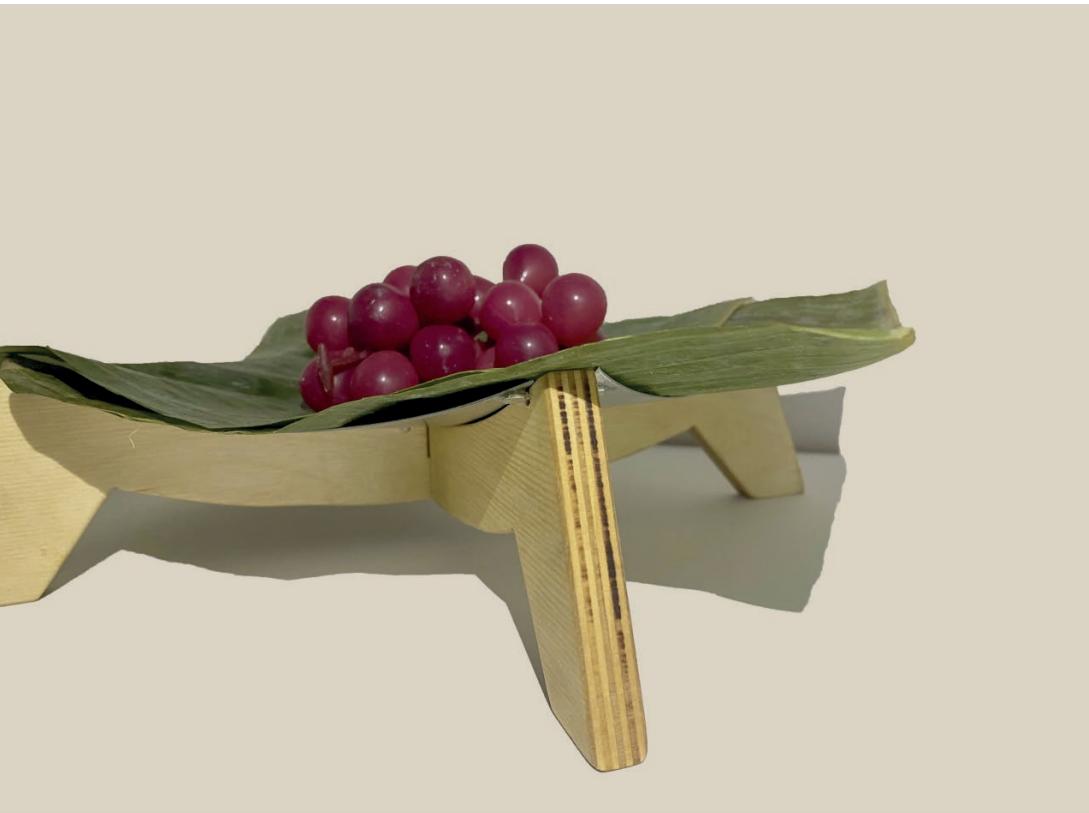
Mandate & Concept:

Create a device that participates in the art of tables using a plywood plate, 1 aluminum rod and an aluminum plate

CONCEPT

The Liboké project combines Western culture with African culture through the art of table. This simplistic pedestal is used to arrange the Liboké, dishes put in paper on banana leaves. This increases the comfort of service and facilitates sharing, while maximizing dialogue between guests.









HYPERCUBE

1:1

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

DESS1640 - Formes & matérialité

Fall 2021

Teacher: Antonio Di Bacco

FINAL PROJECT

Made in 4 weeks by Atofa Uddin, Kelly Vong & Elvira Makosso

Role: Model

Mandate:

Deploy material to generate the volume, expression and soul of a 30 cm cube x 30 cm x 30 cm. This cube must contain a space inside at least 1/3 of the volume.

The cube should be constructed so that each of the visible sides has a distinct expression, as far as possible and without compromising the integrity of the material assembly system.

CONCEPT

Hand-ripping and compressing, Skin is both a manifesto on the expressive qualities of manufactured cardboard and a story about the history that this material has to tell. The artisanal transformation of this cardboard into a cardboard cube maché, takes shape thanks to the reliefs caused by gravel and voids created by stones. This generates granular, organic and inorganic surfaces. Among the textures, it is the porosity that has the highest tactile value. Cacophonic physicality generated by scrolling with hands and eyes on the chewed cardboard, Skin as it ages is characterized by a strong dynamic structure





Each cube layout offers different configurations of interior spaces, allowing a great diversity in the design and expression of each face.