

OVERLAP

Sandra Marković

The initial inspiration during the elaboration of the project concept was the presence of the railway in the immediate area.

The shape of the rails is reminiscent of student energy, constant movement, encounters, interaction, simply never boring interpersonal overlap. On the other hand, we have an overlap of old and new, built and what tends to be built, all of which has led to a structure based on interactive overlaps that integrates into the location itself



SNACK SHOP



LOBBY



STUDENT WORKS GALLERY



STUDENT WORKS GALLERY



SHOP-SCHOOL
/OFFICE SUPPLIES



PRINTING SHOP



WORKSHOP



ROOM



LIBRARY



YOGA ROOM



READING ROOM

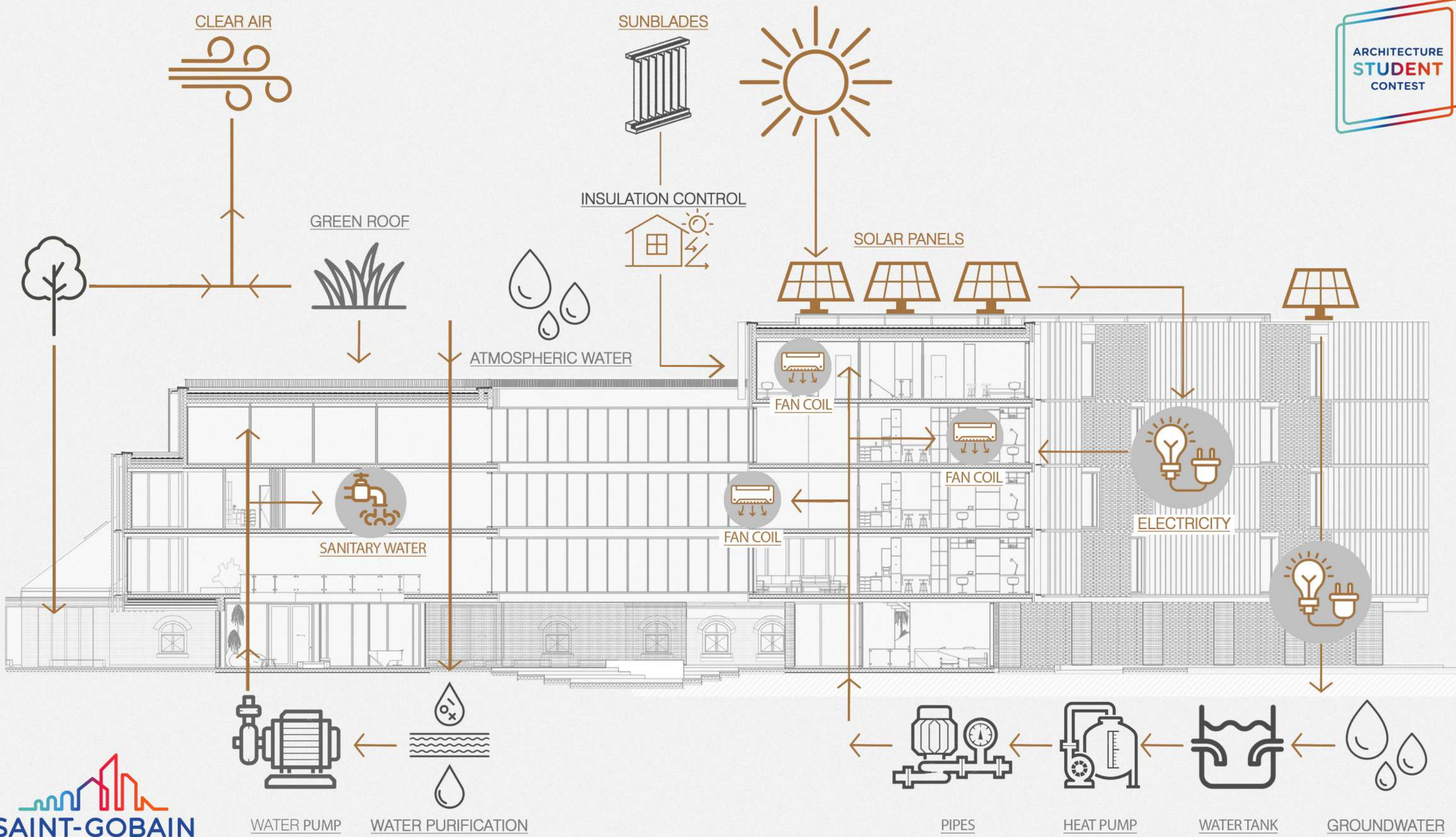


ROOM



GROUND FLOOR

FIRST FLOOR



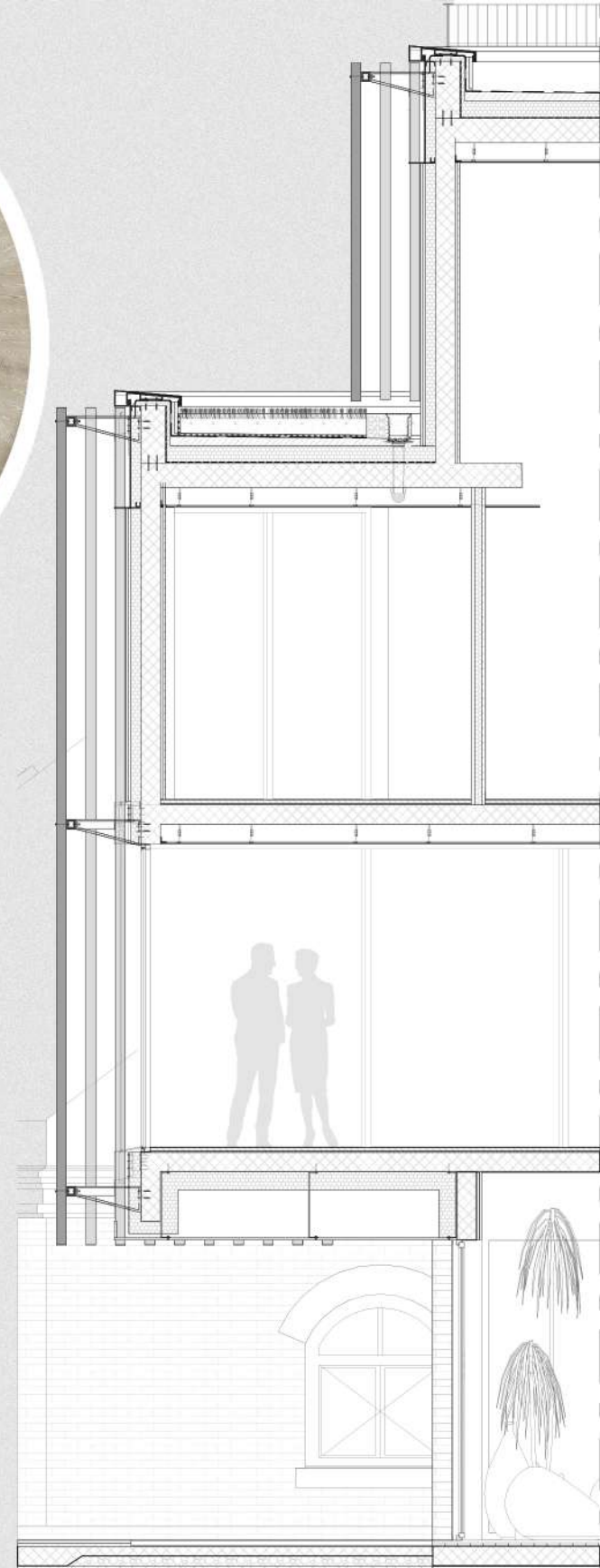
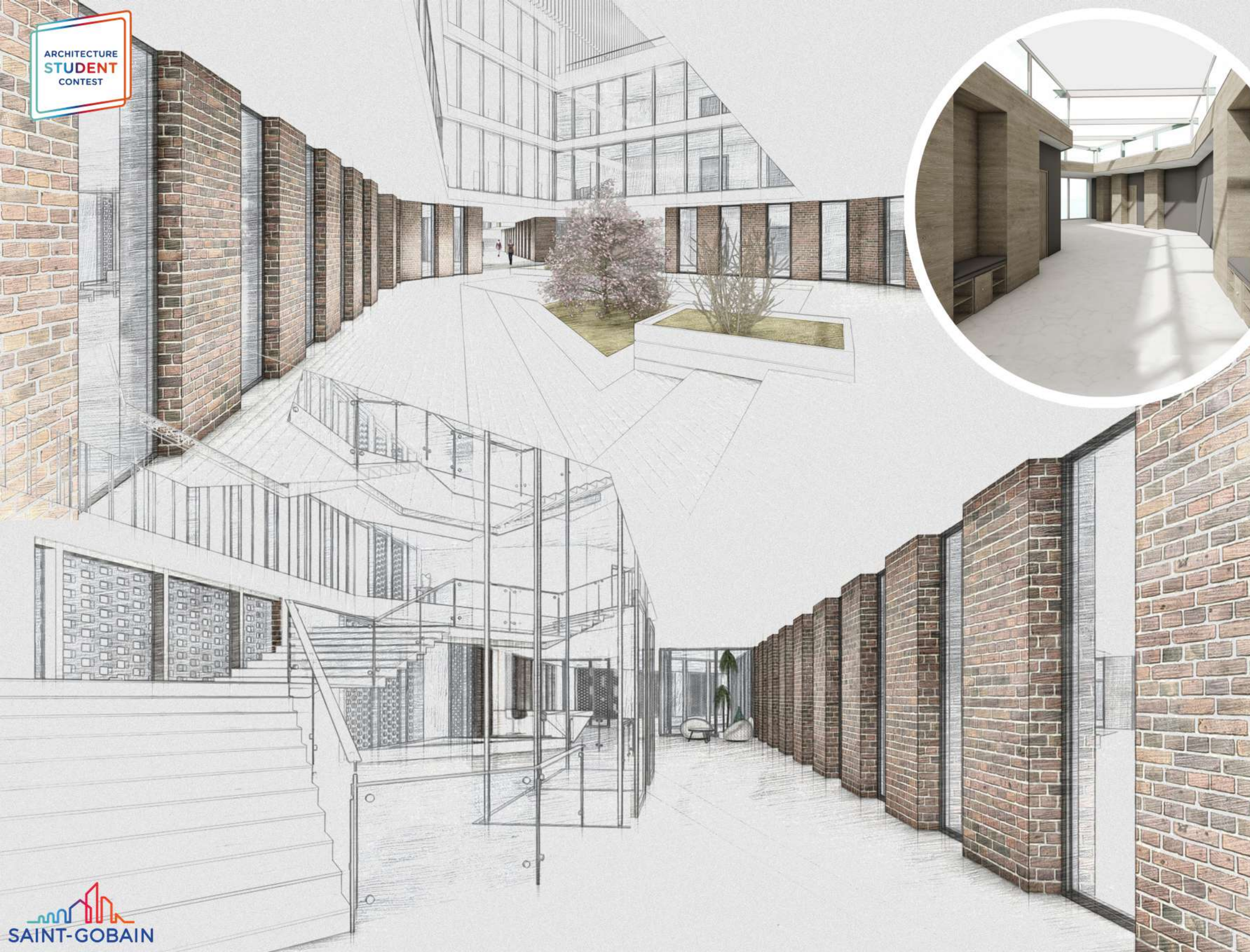


GROUND FLOOR



SECTION B





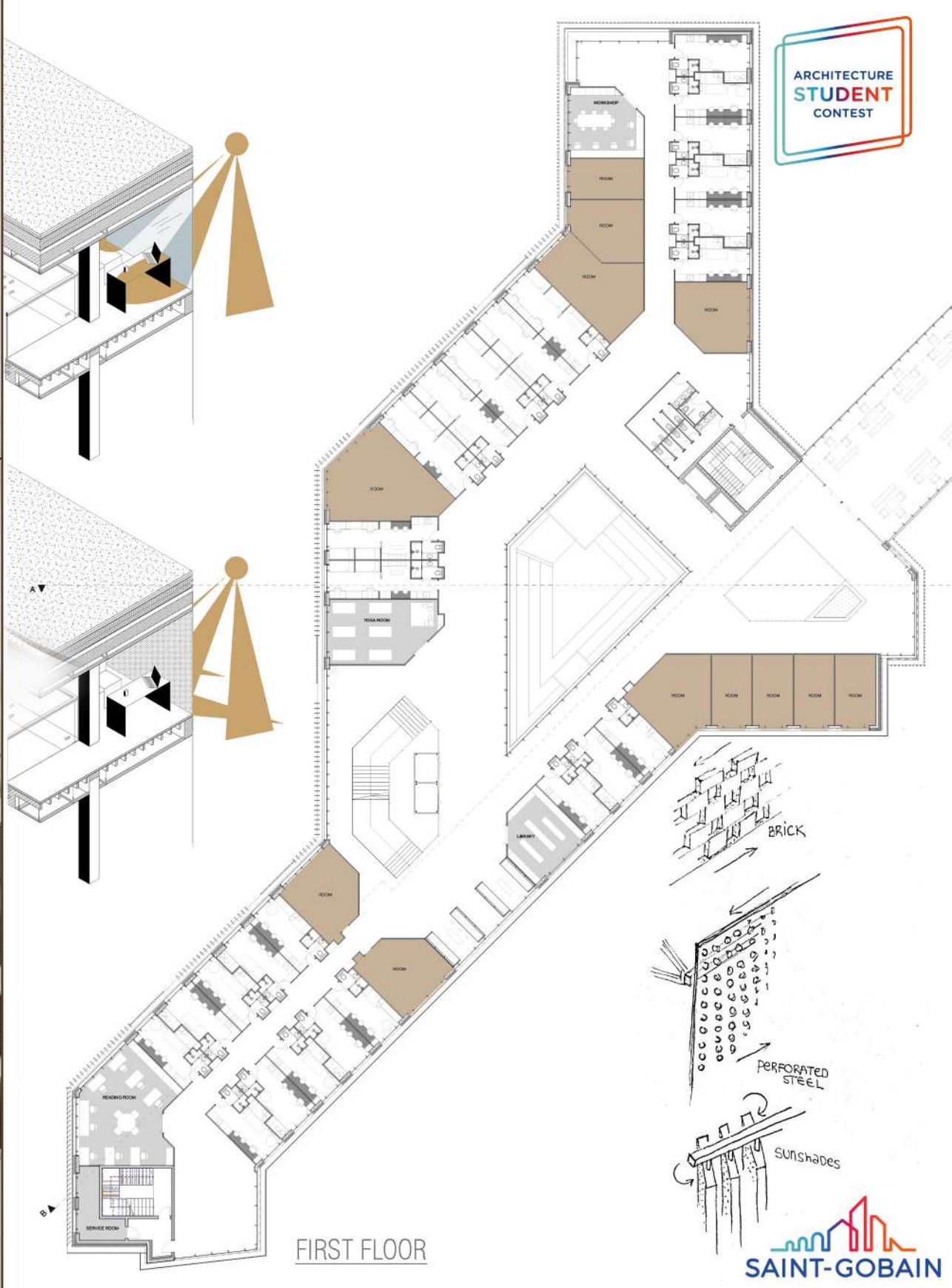
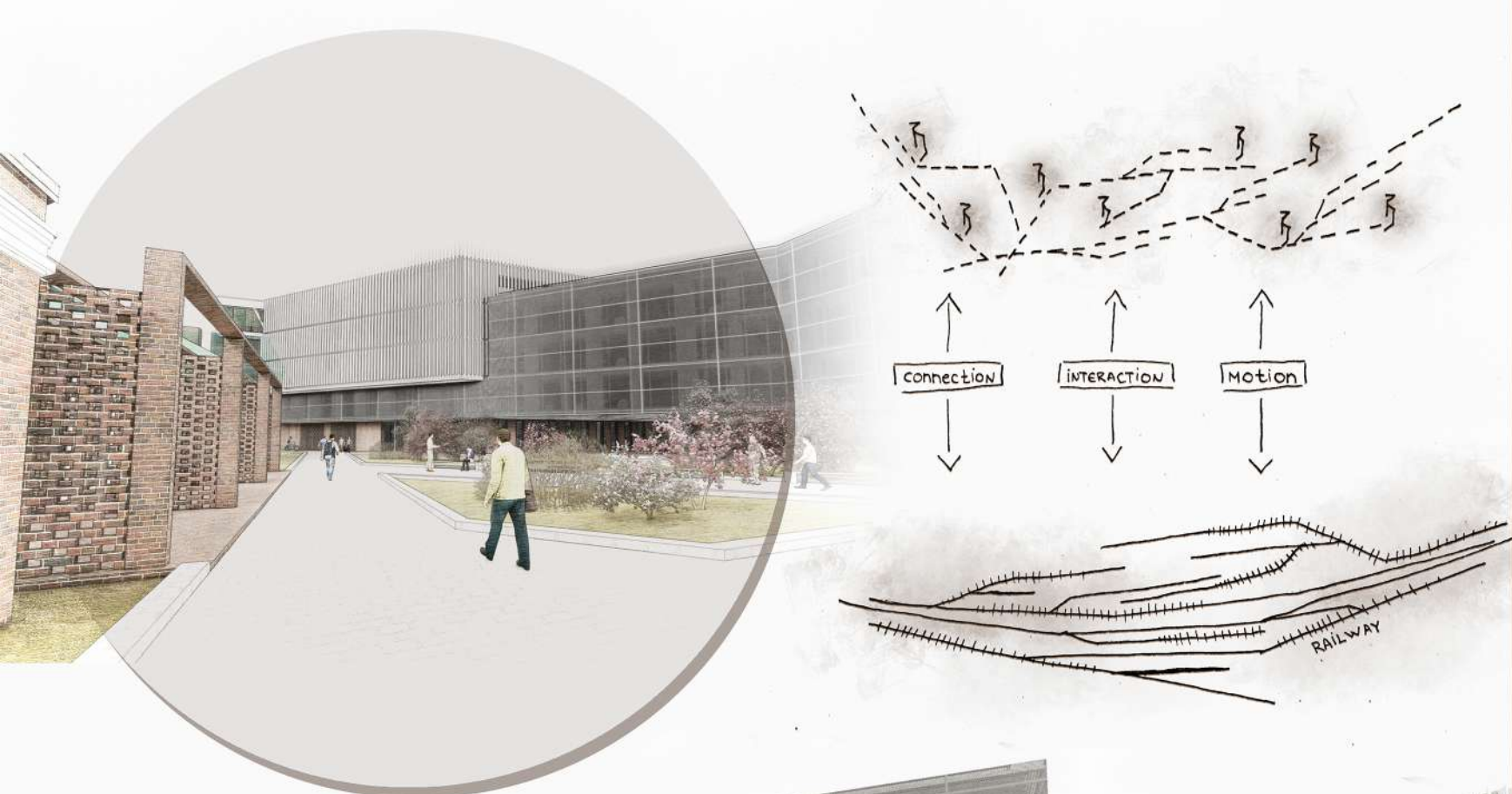


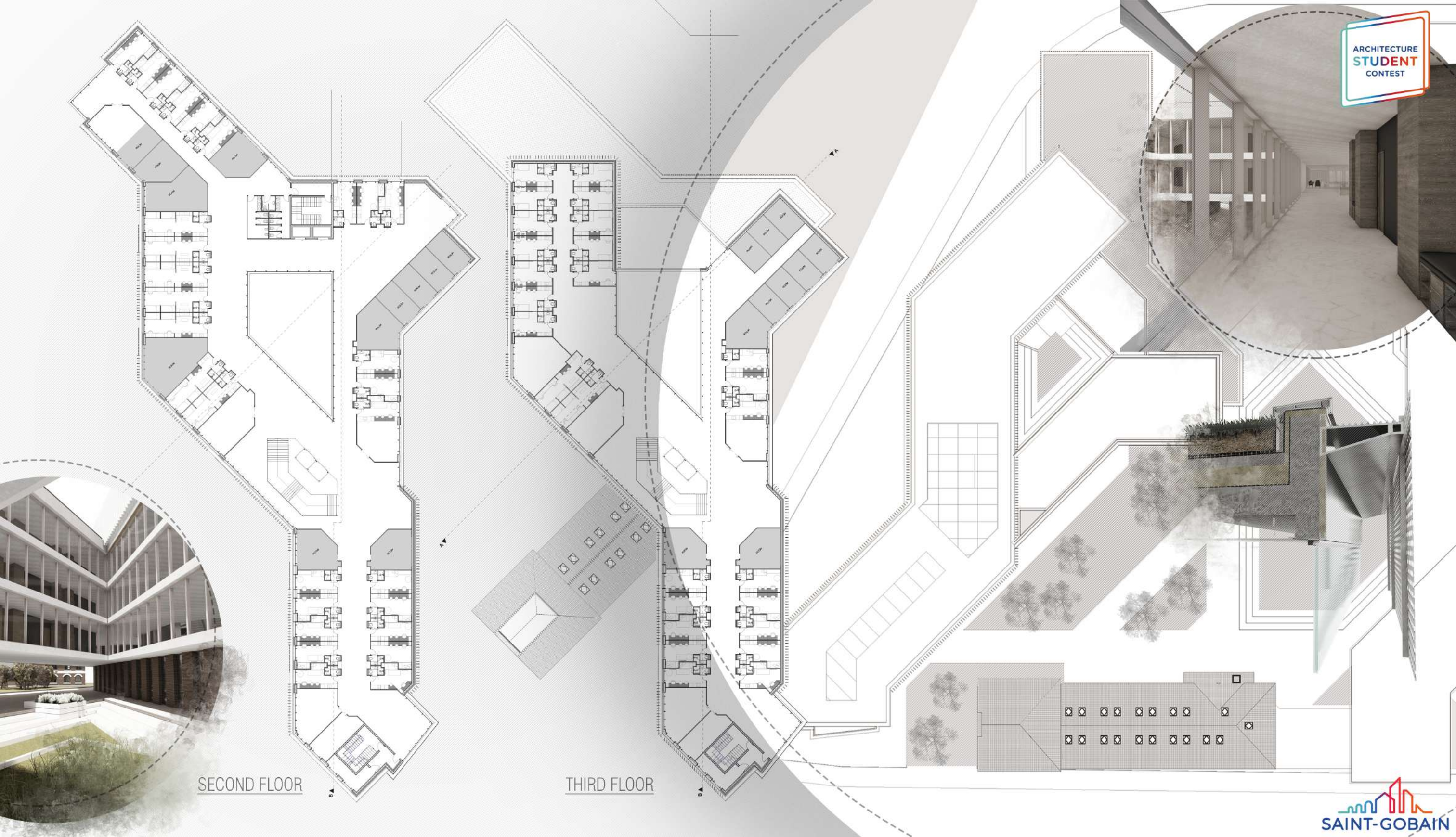
SECTION A



FOURTH FLOOR





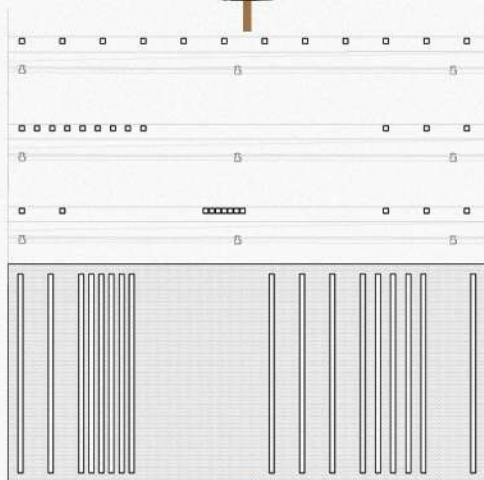
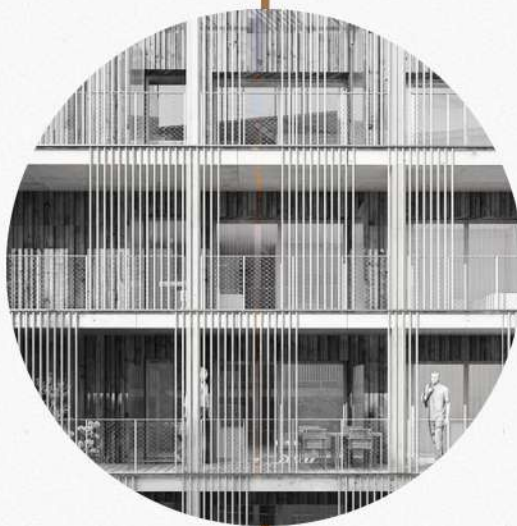


SECOND FLOOR

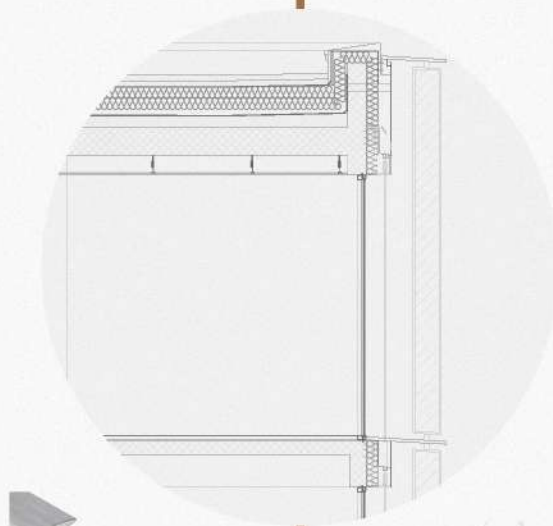
THIRD FLOOR



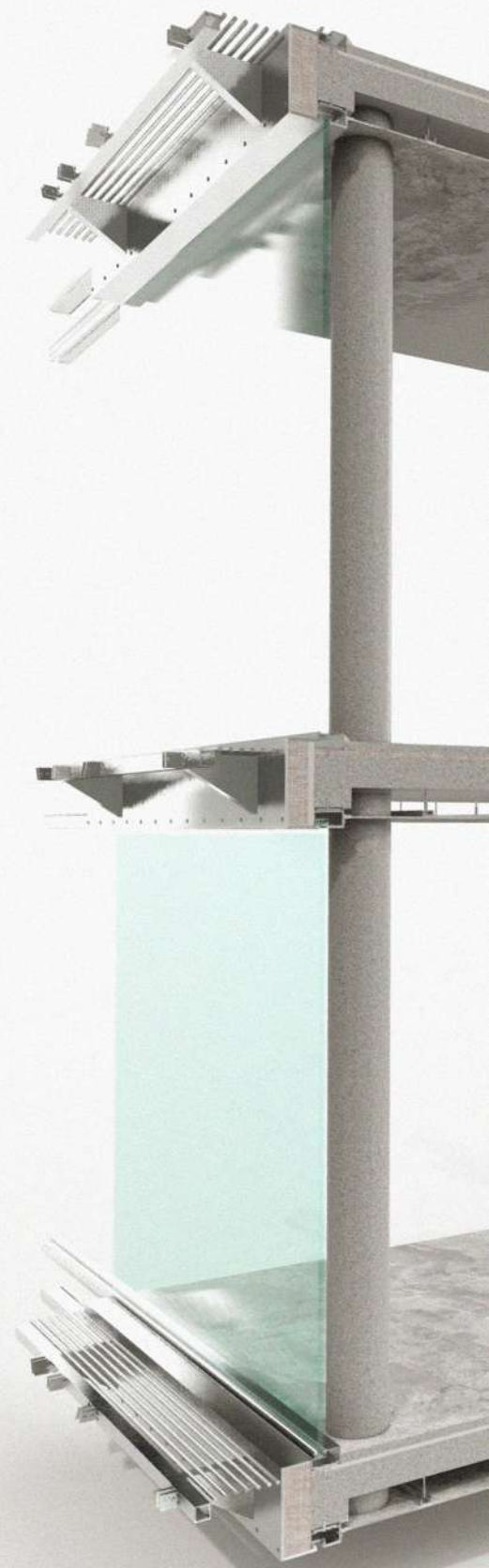
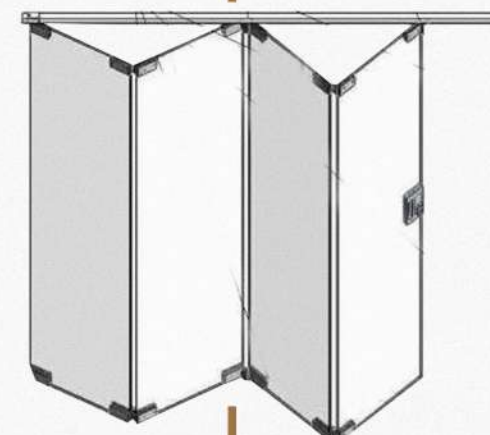
FACADE TYPE 1

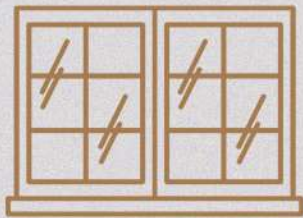


FACADE TYPE 2



FACADE TYPE 3

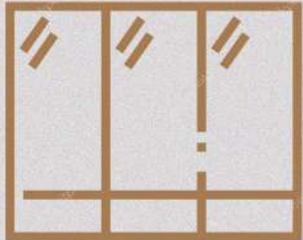




WINDOW 1

Aluminium frame with thermal break,
triple glass unit 6+12+6+12+6

$$U=0,6W/M2K$$



CURTAIN WALL

Aluminium frame with thermal break,
triple glass unit 6+12+6+12+6

$$U=0,6W/M2K$$



GLASS DOORS

Aluminium frame with thermal break,
triple glass unit 6+12+6+12+6

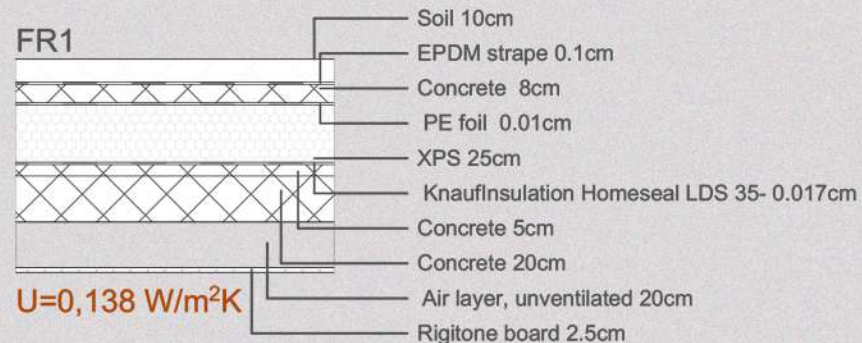
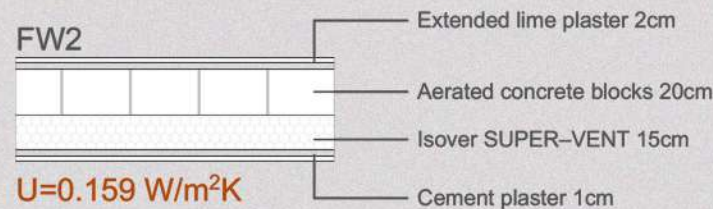
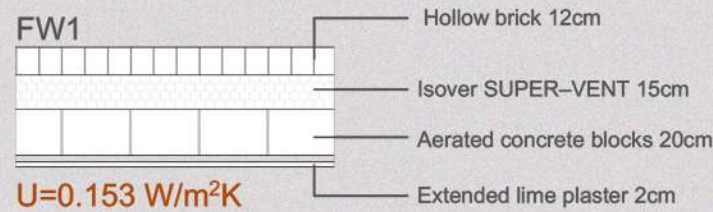
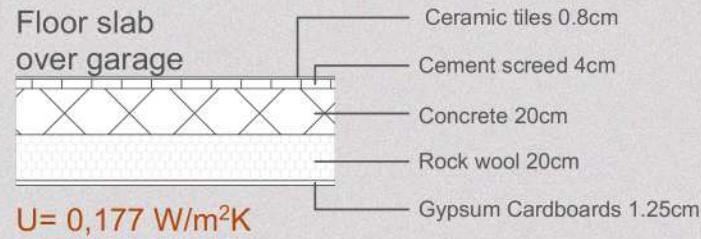
$$U=0,6W/M2K$$



GLASS ROOF

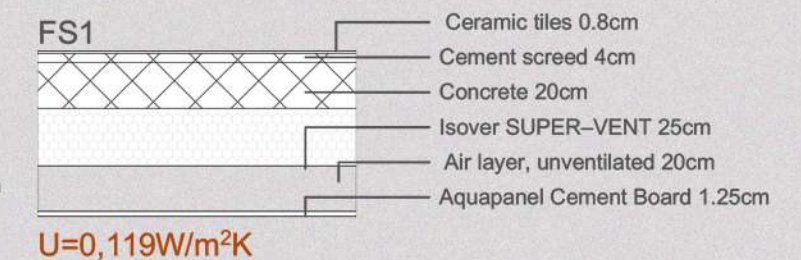
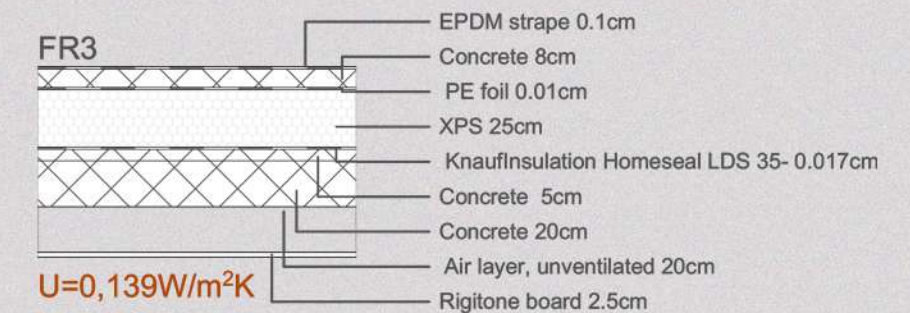
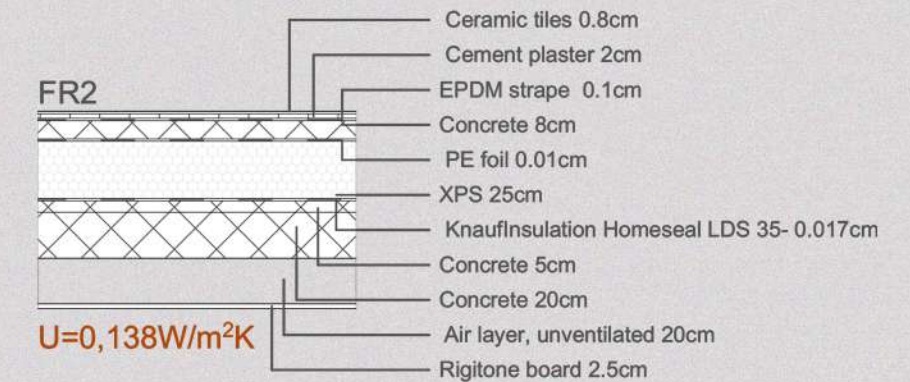
Aluminium frame with thermal break,
triple glass unit 6+12+6+12+6

$$U=0,6W/M2K$$



CALCULATED ENERGY REQUIRED FOR HEATING

THE ENERGY NEEDED FOR HEATING PER M² $Q_{H,AN} = 14,42 \text{ KWH/M}^2\text{A}$

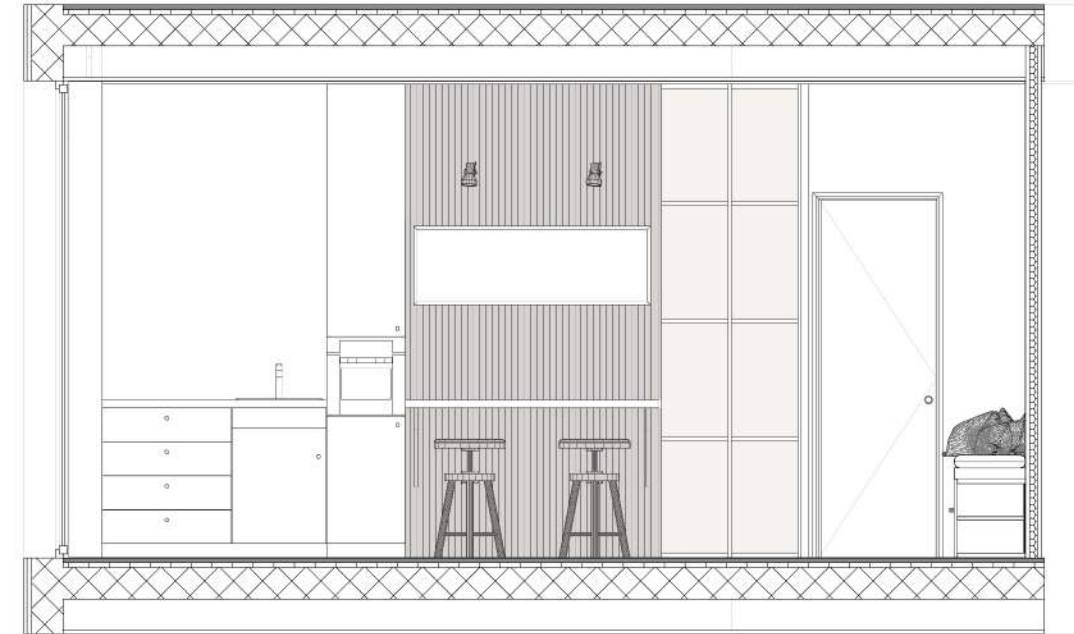


CHARACTERISTICS OF ASSEMBLIES OF THERMAL ANVELOPE

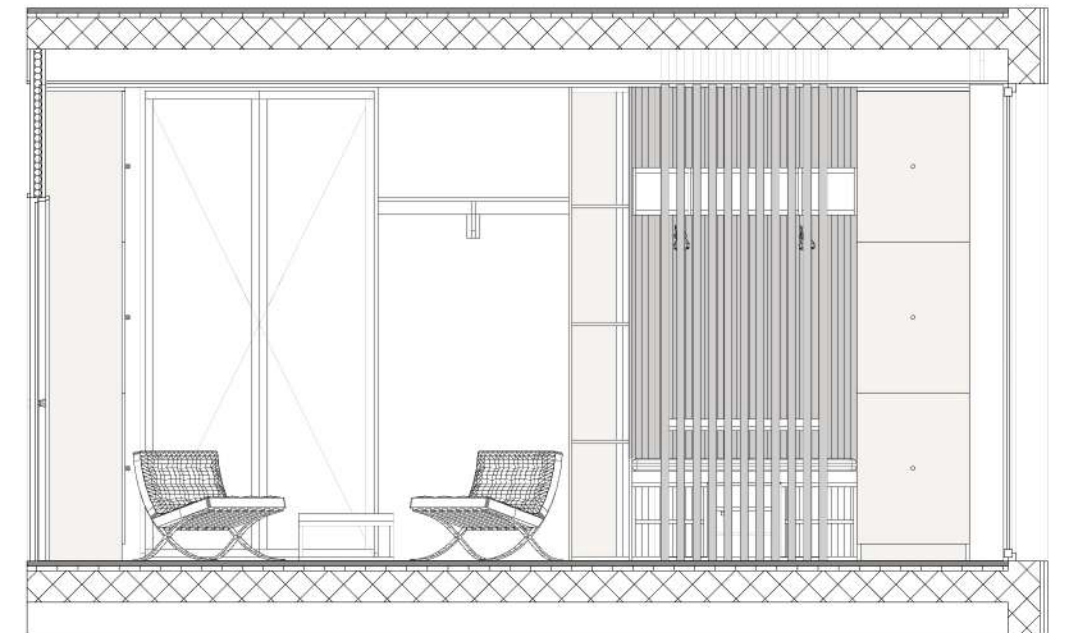
num	ID	Descr.	A [m²]	Share [%]	
1	FW1	External wall	665,00	3,37	
2	FW2	External wall	1993,00	10,49	
3	FR1	Flat roof above heated space	465,00	2,12	
4	FR2	Flat roof above heated space	390,00	1,78	
5	FR3	Flat roof above heated space	1215,00	5,59	
6	FS1	Floor construction above the outer space	1105,00	4,35	
7	Window1	Windows and balcony doors	1164,20	23,12	
8	Curtain wall	Windows and balcony doors	1925,00	38,22	
9	Glass Doors	Windows and balcony doors	42,00	0,83	
10	Glas Roof	Glass roof	295,00	5,86	
11	Floor slab over garage	Floor construction above unheated space	1460,00	4,28	
Total			10719,2m²		



COMMON LIVING ROOM



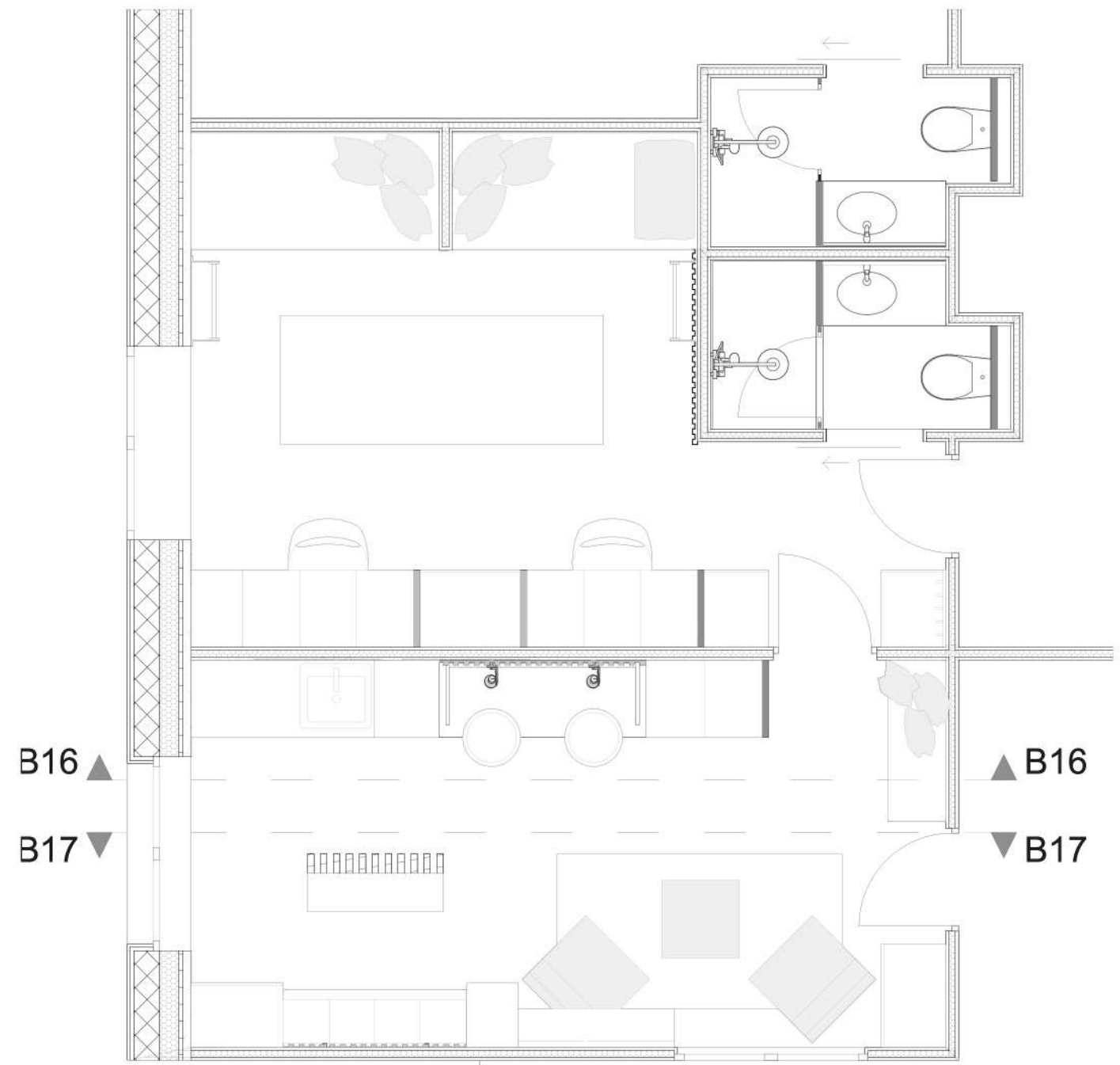
SECTION B16

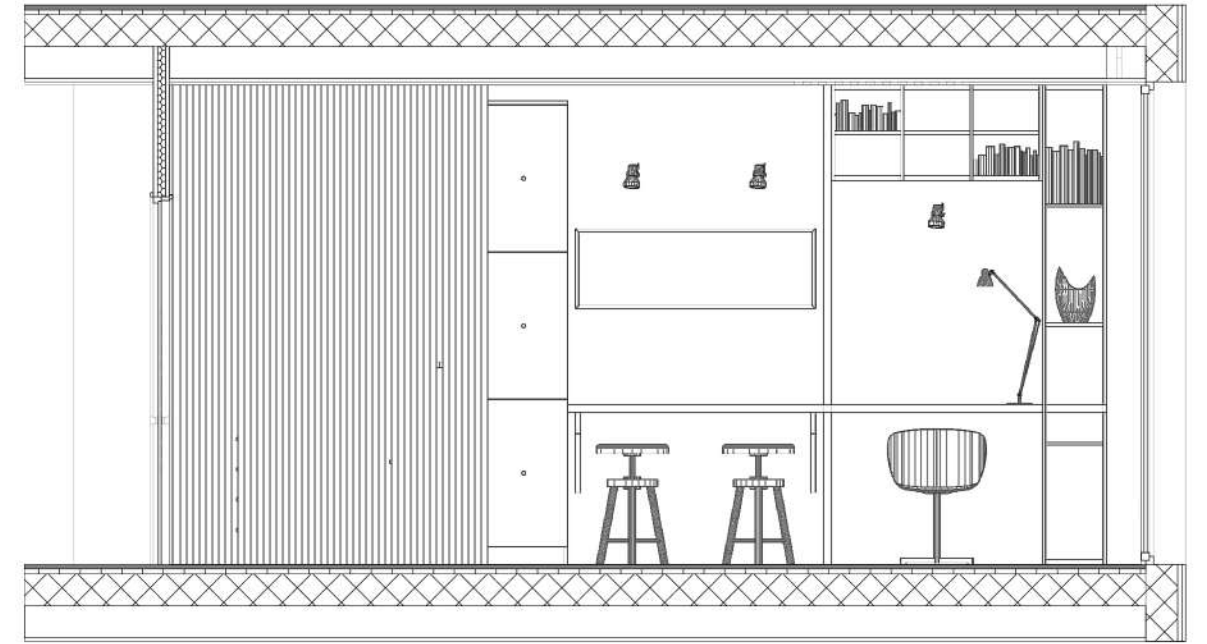


SECTION B17

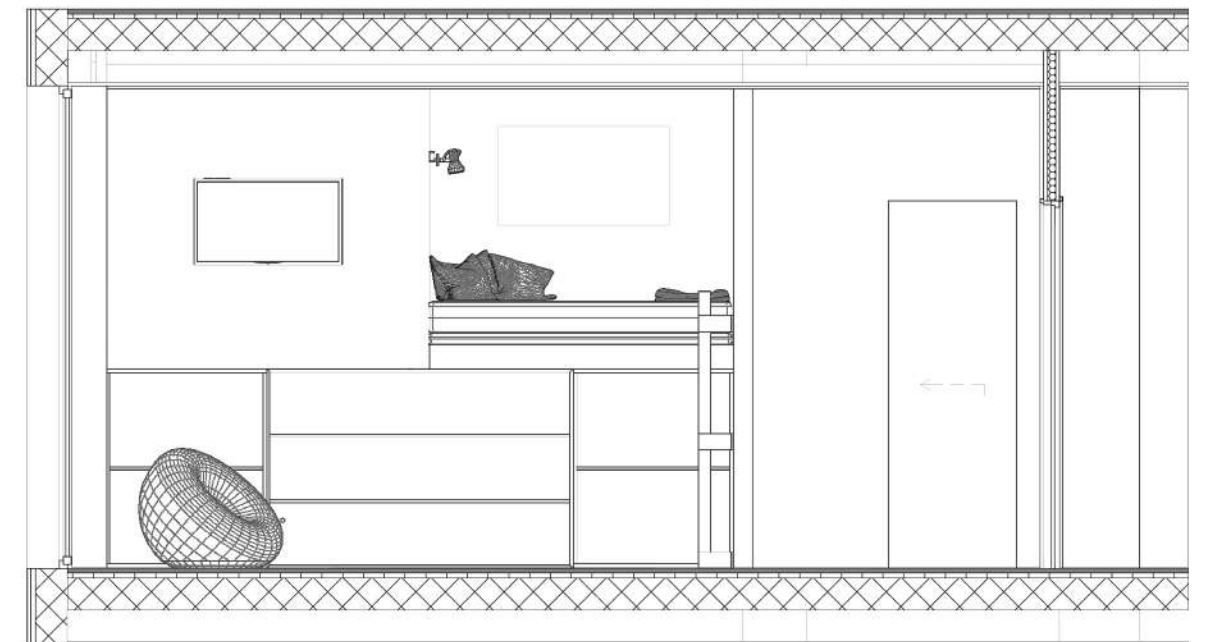


COMMON LIVING ROOM WITH A DOUBLE ROOM





SECTION B18

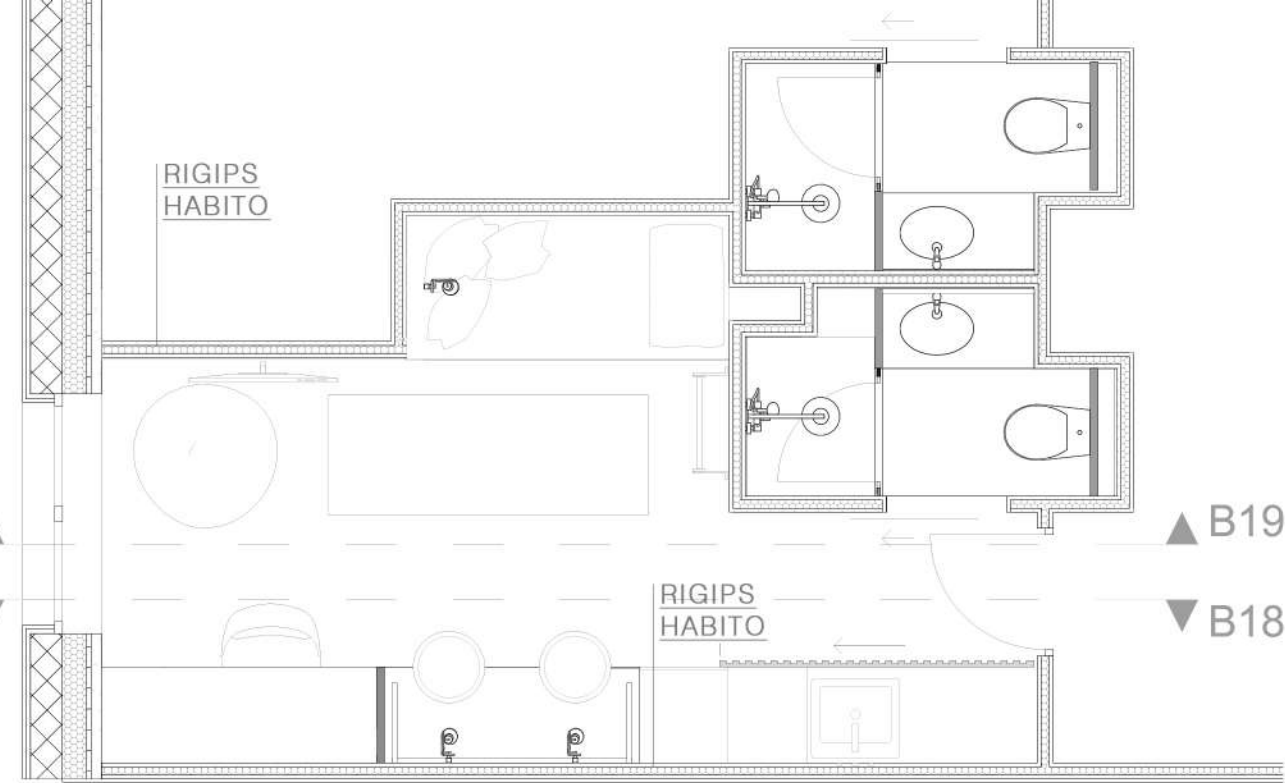


SECTION B19



B19 ▲

B18 ▼



SINGLE ROOM

