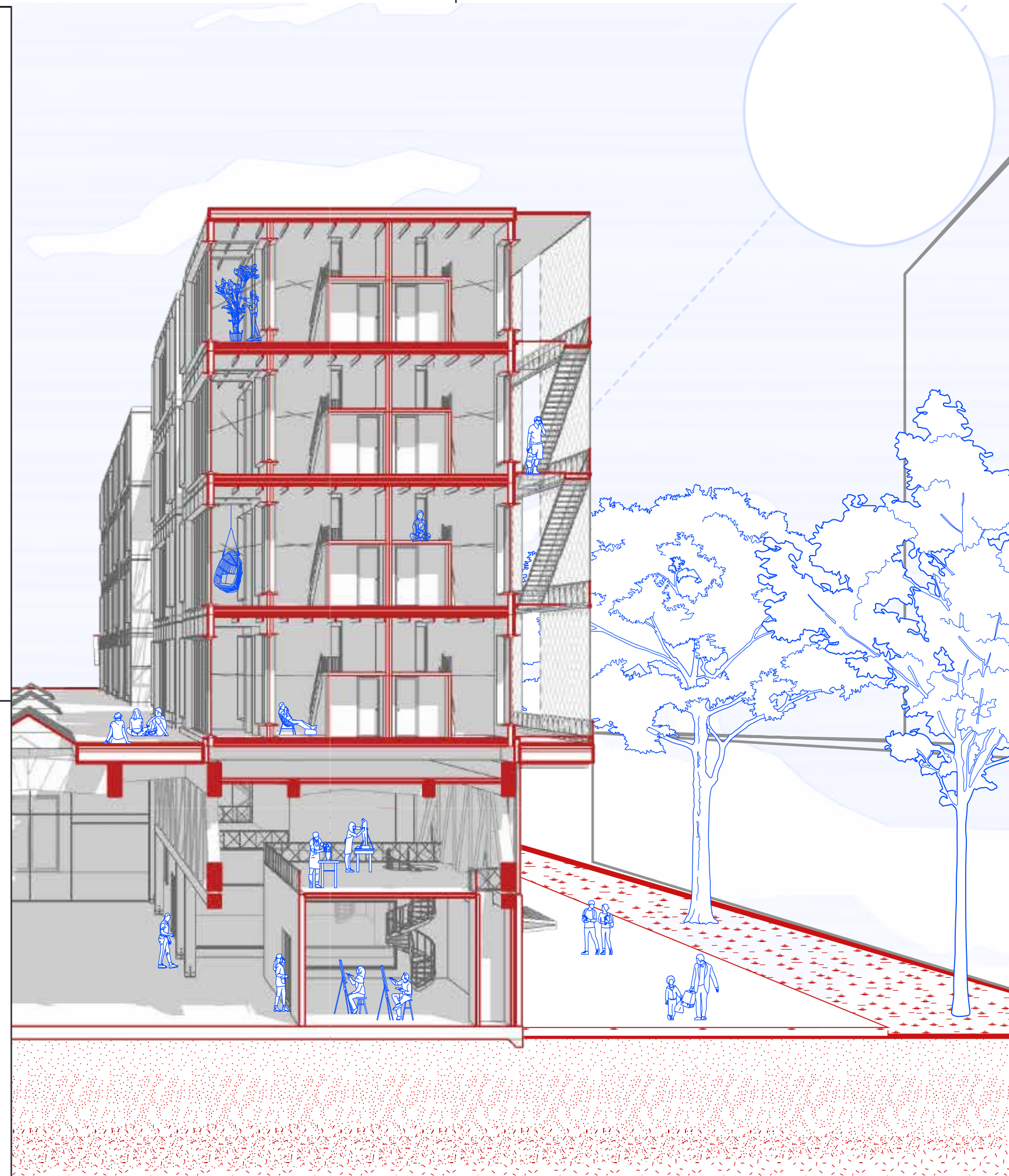


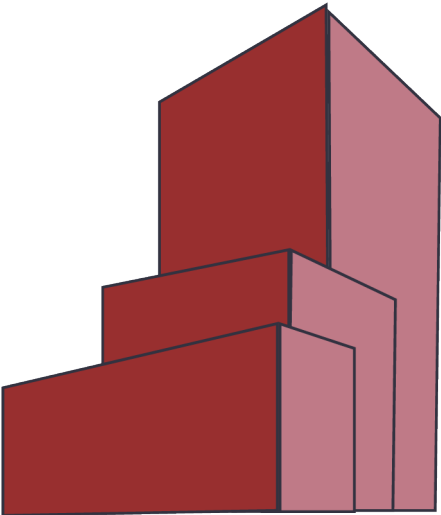
Metamorph

An ever-evolving timber transformation



Anna Serysheva	P5	2
	Problem Statement	3
	Context	6
	Project Objective	16
Content	Research	17
	Design	27

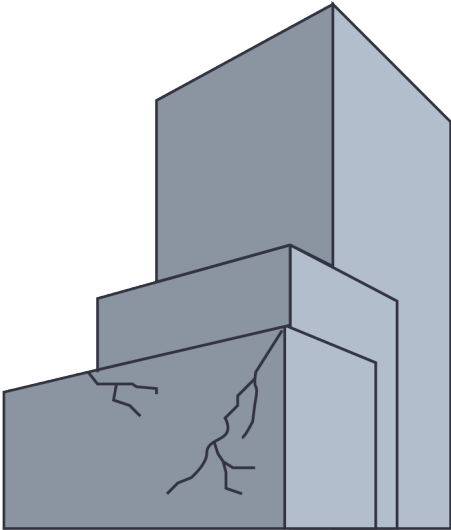




new
building



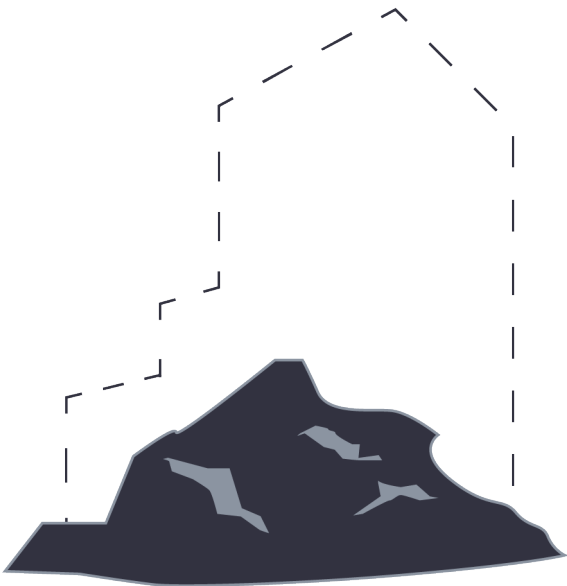
changing
needs



obsolete
building

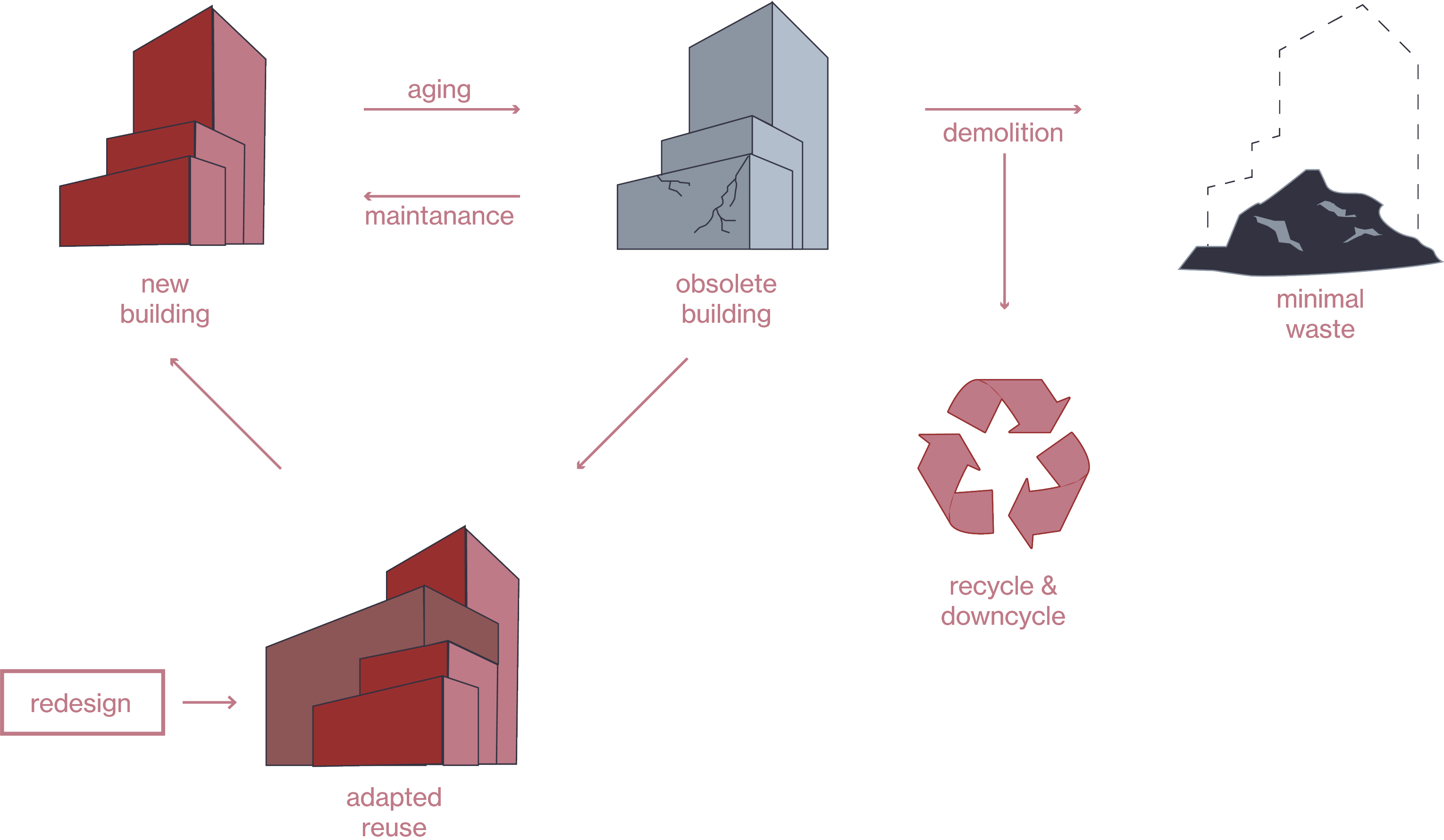


demolition

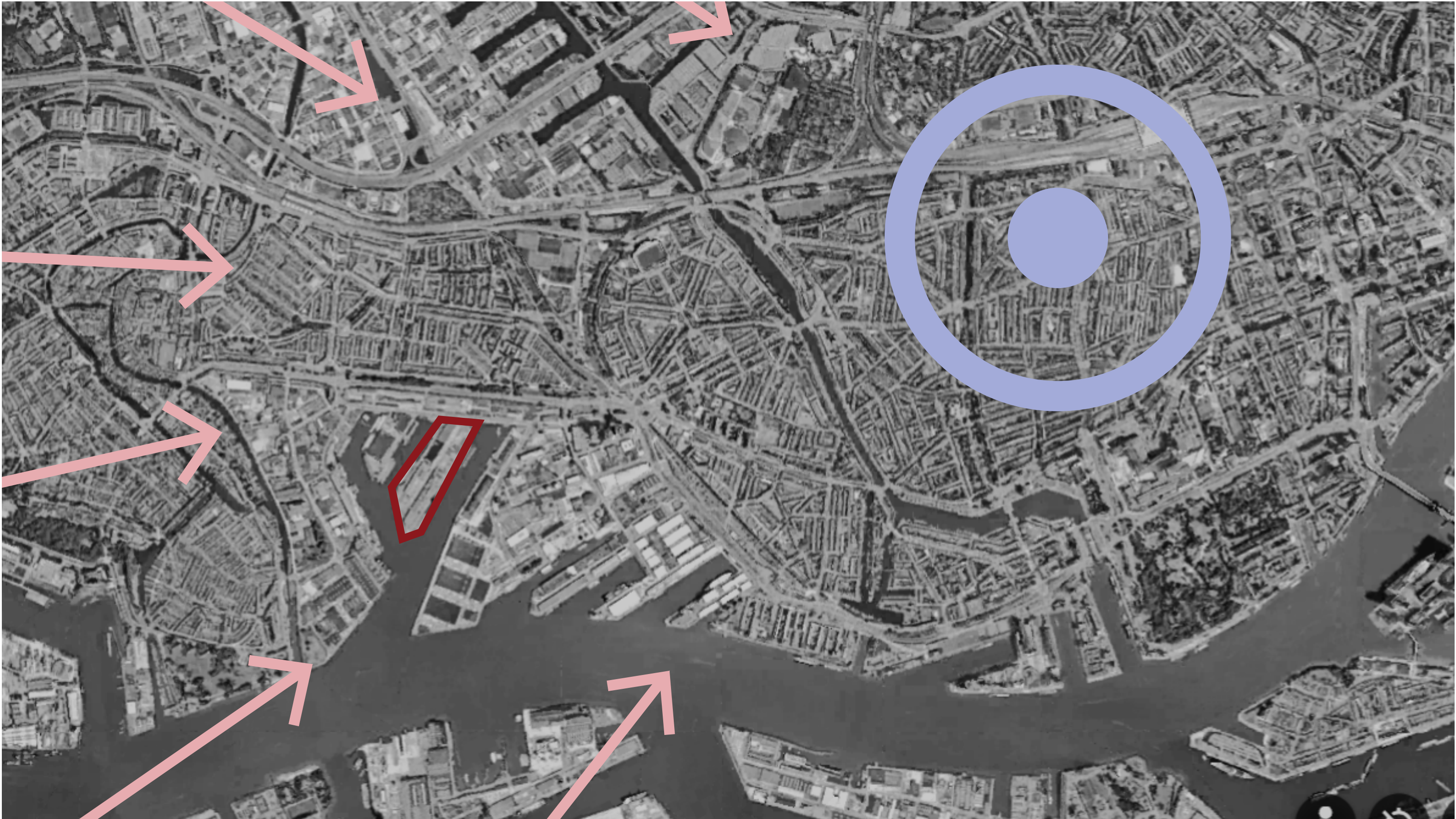


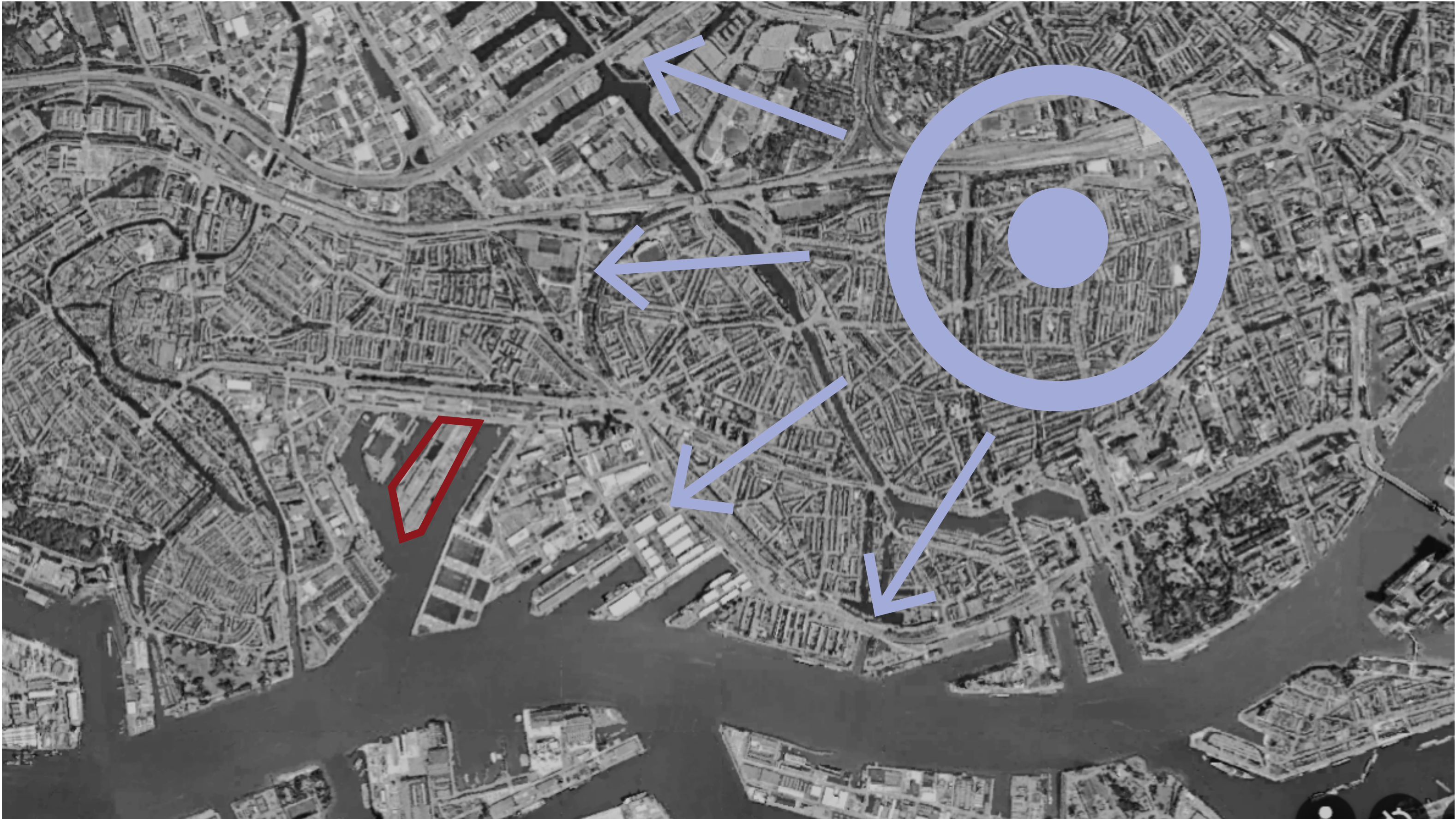
waste















Now

quick solution for housing
problem for students

Now

Later

quick solution for housing
problem for students



avoid obsolete building as
the area is changing

Now

Later

quick solution for housing
problem for students



avoid obsolete building as
the area is changing



ADAPTABLE



Phase 1

Phase 2

Student housing

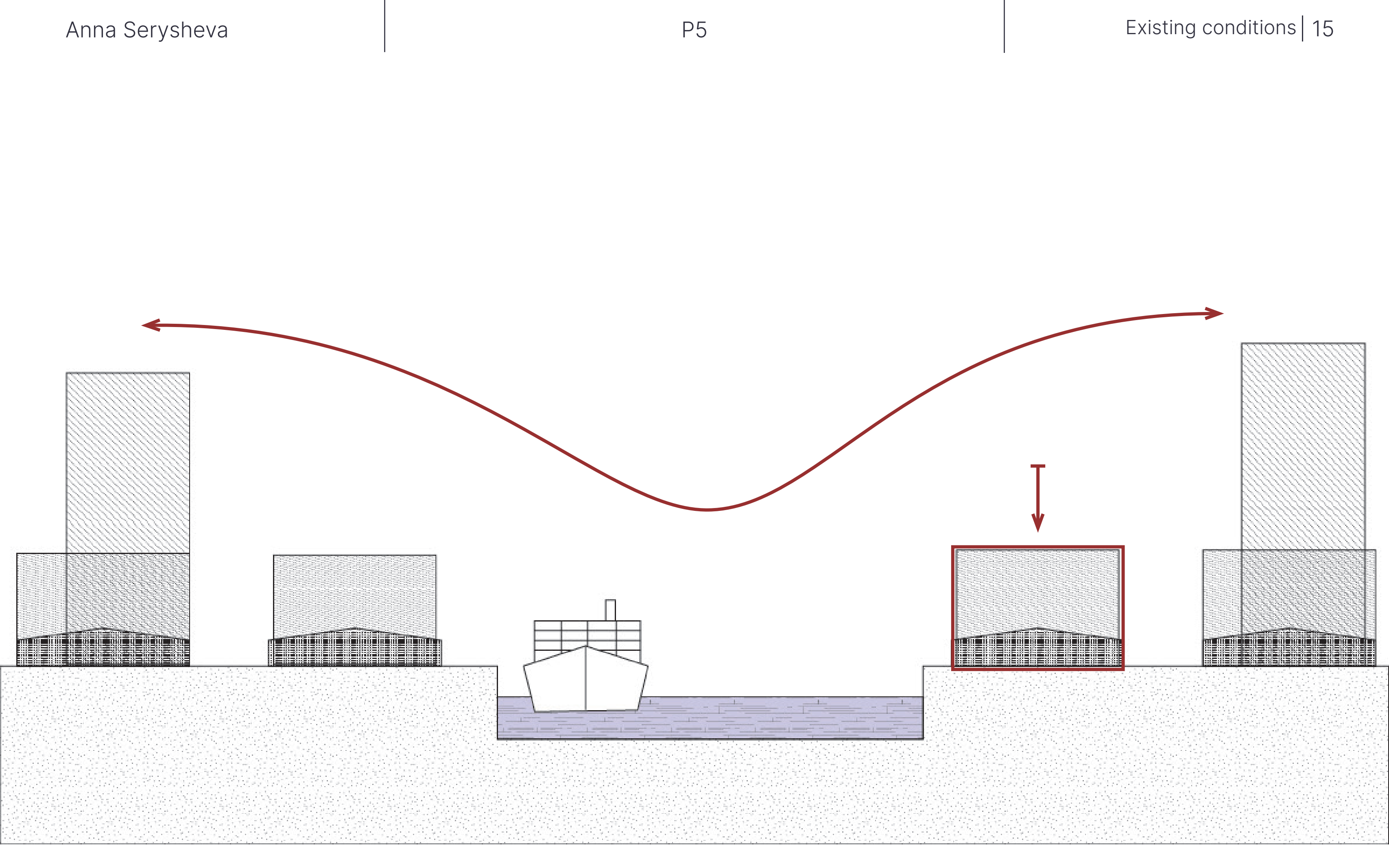


New demographics -
families/ multi person
household

Affordable sector



High-income sector



Phase 1

Phase 2

Student housing



New demographics -
families/ multi person
household

Affordable sector



High-income sector

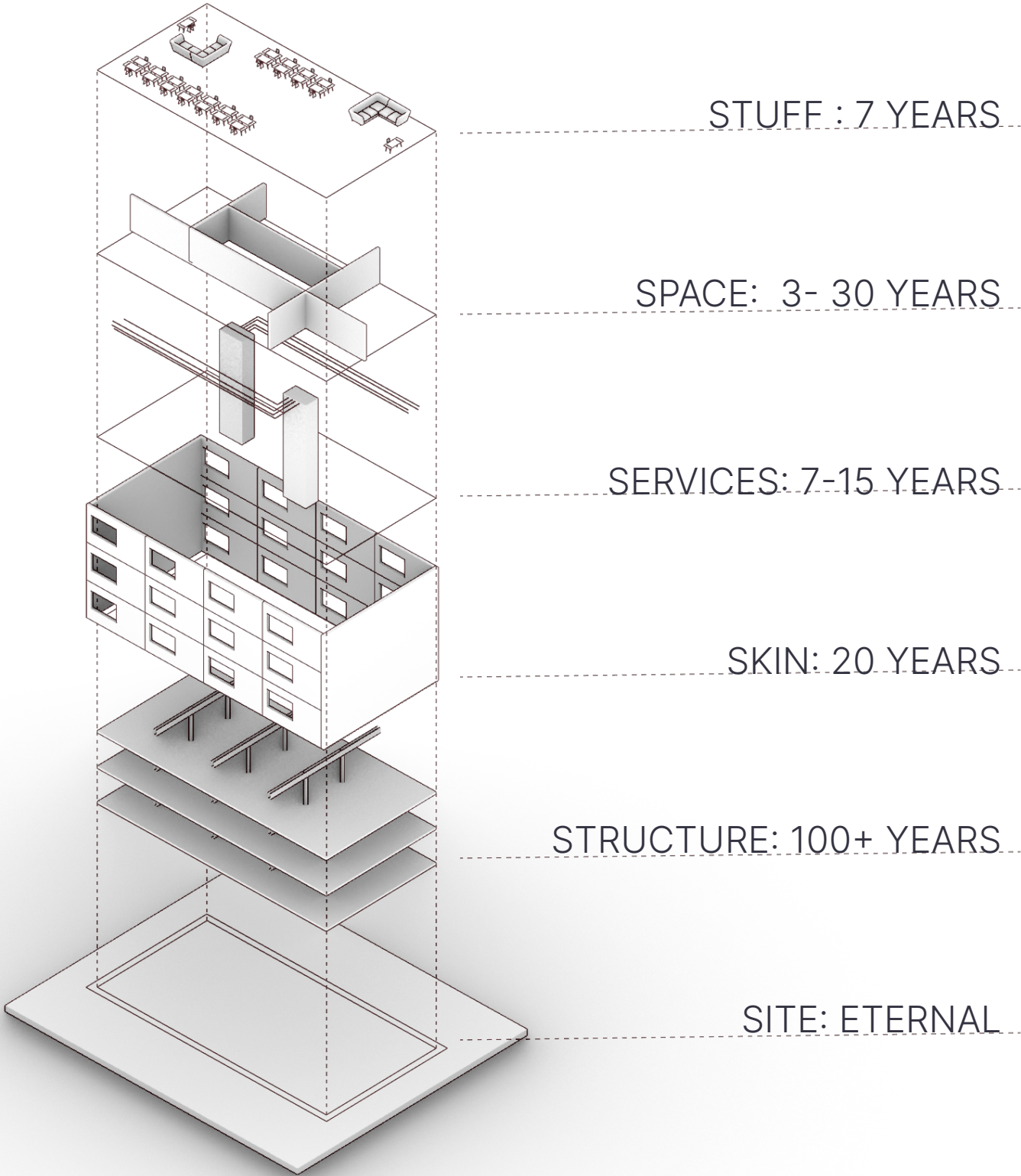
Medium-rise



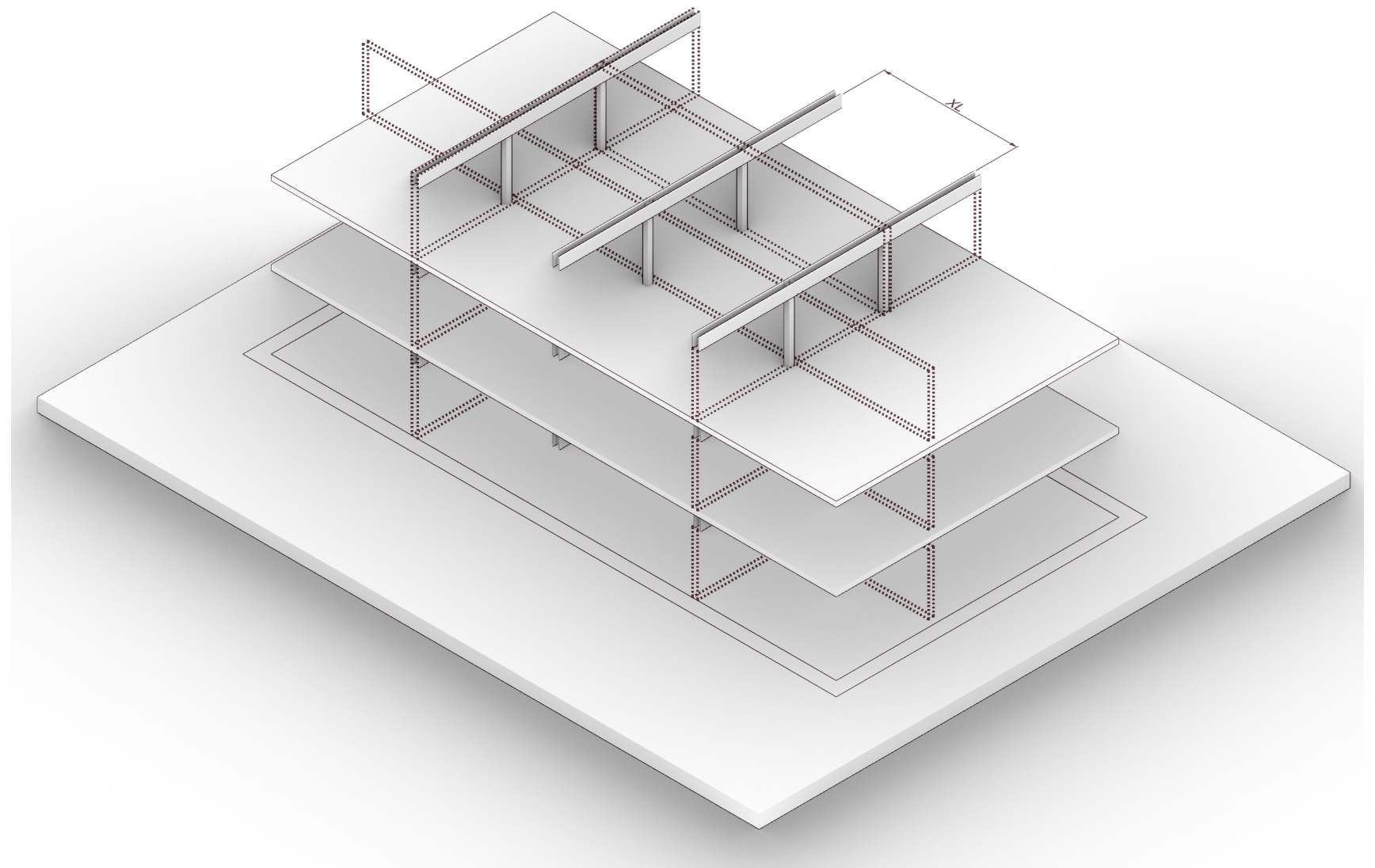
High-rise

SYSTEM - Adaptability

DESIGN IN LAYERS

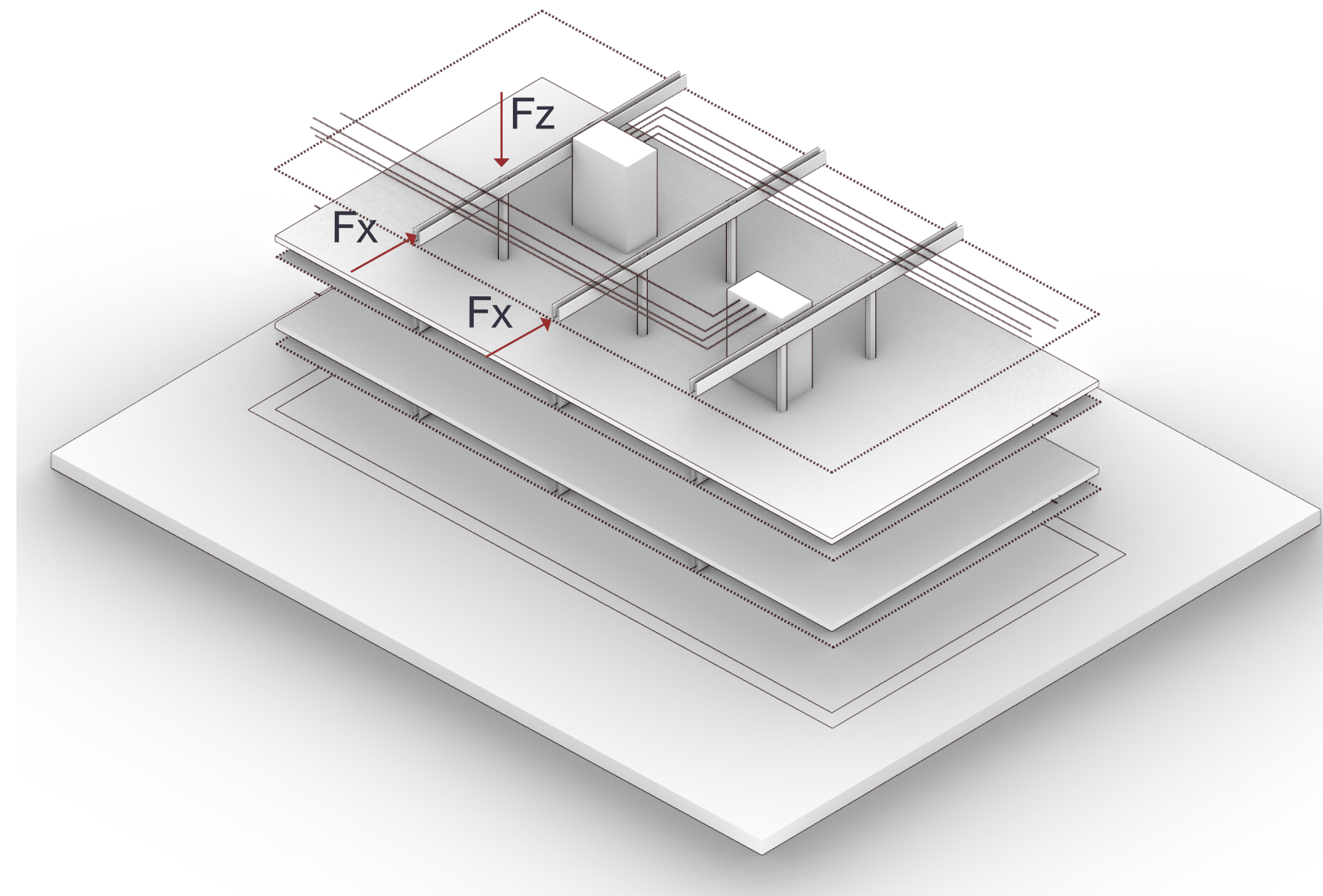


SYSTEM - Adaptability



LOOSE FIT

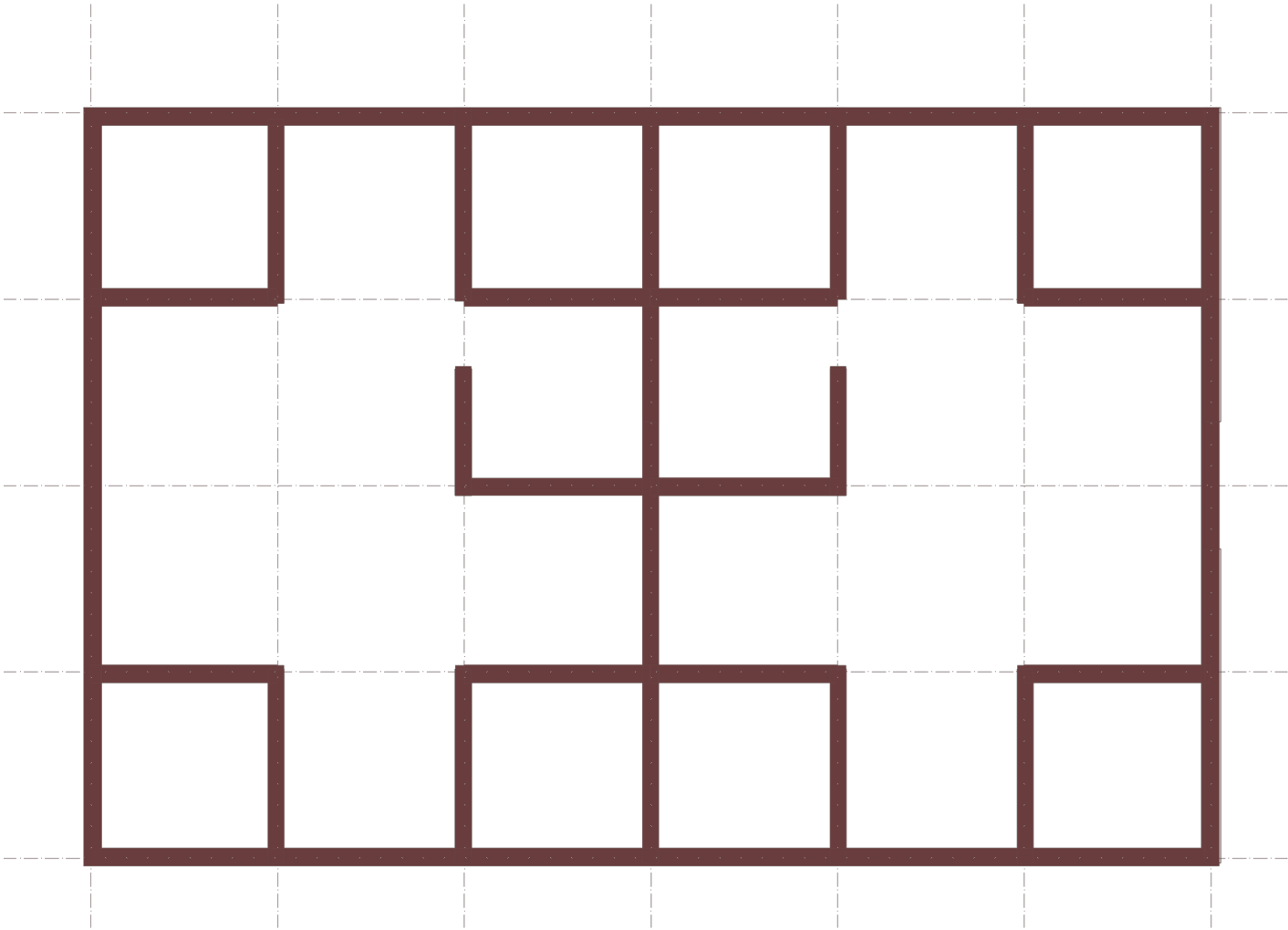
SYSTEM - Adaptability



SIMPLICITY

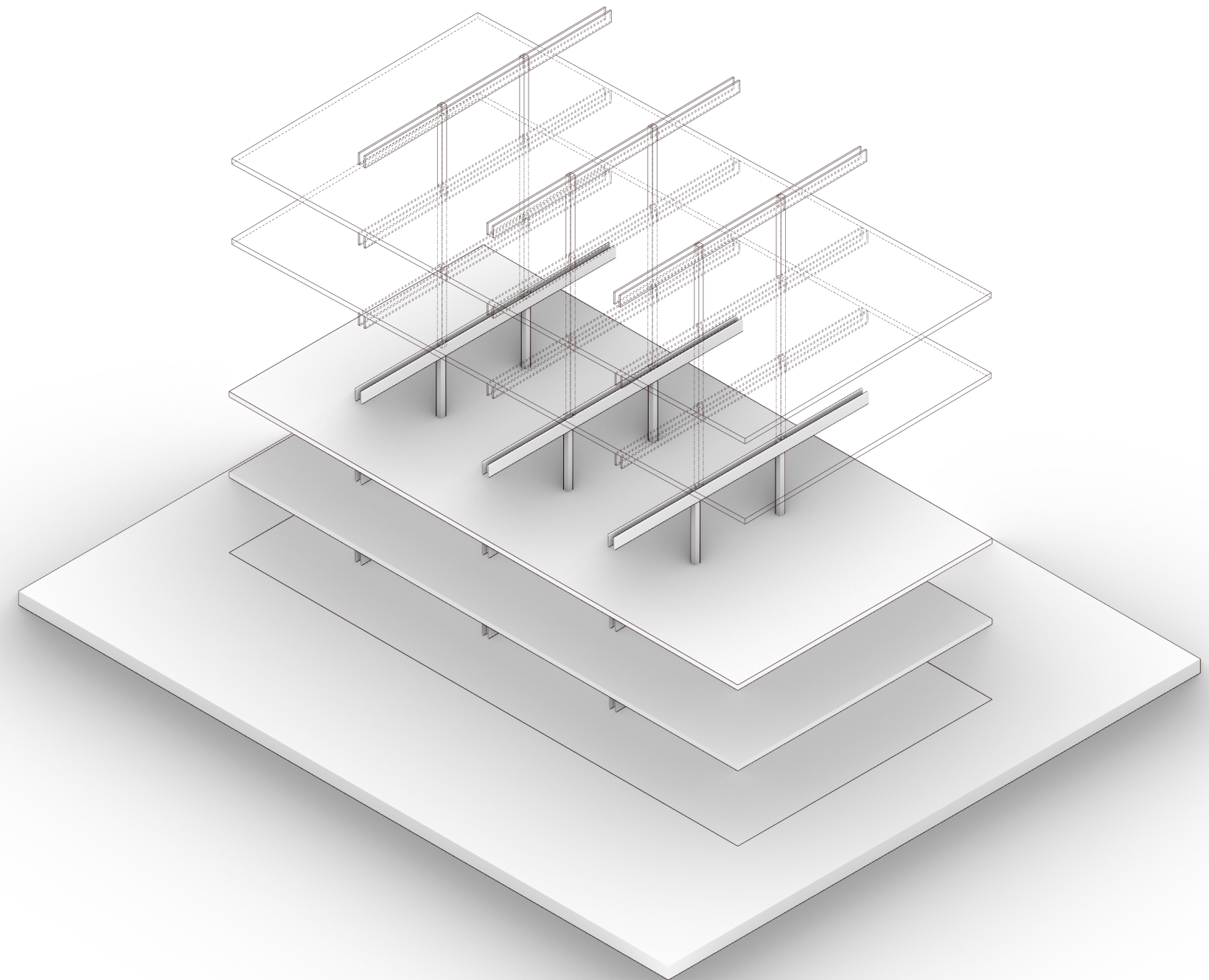
SYSTEM - Adaptability

SPATIAL PLAN



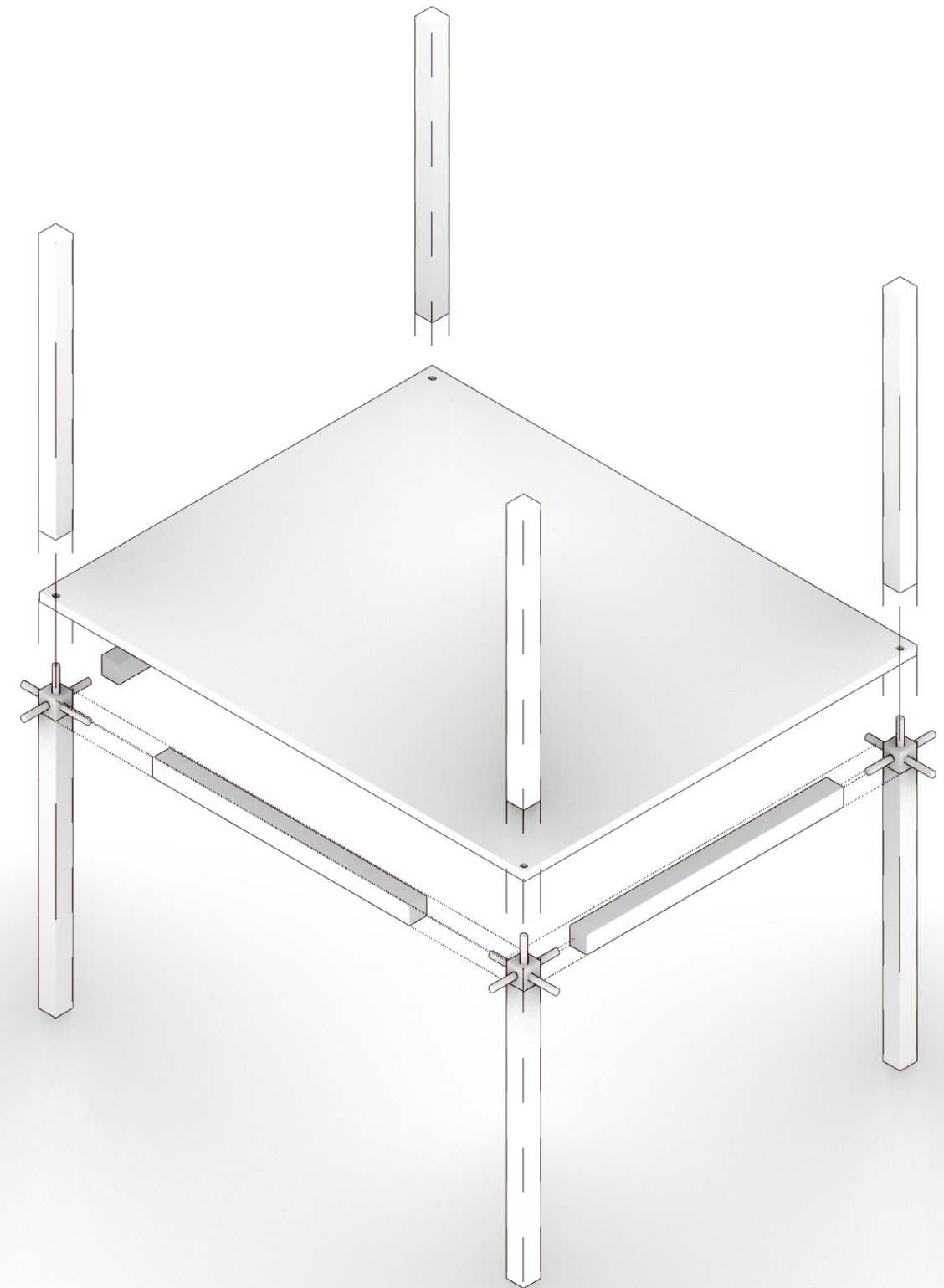
SYSTEM - Adaptability

OVER DESIGN

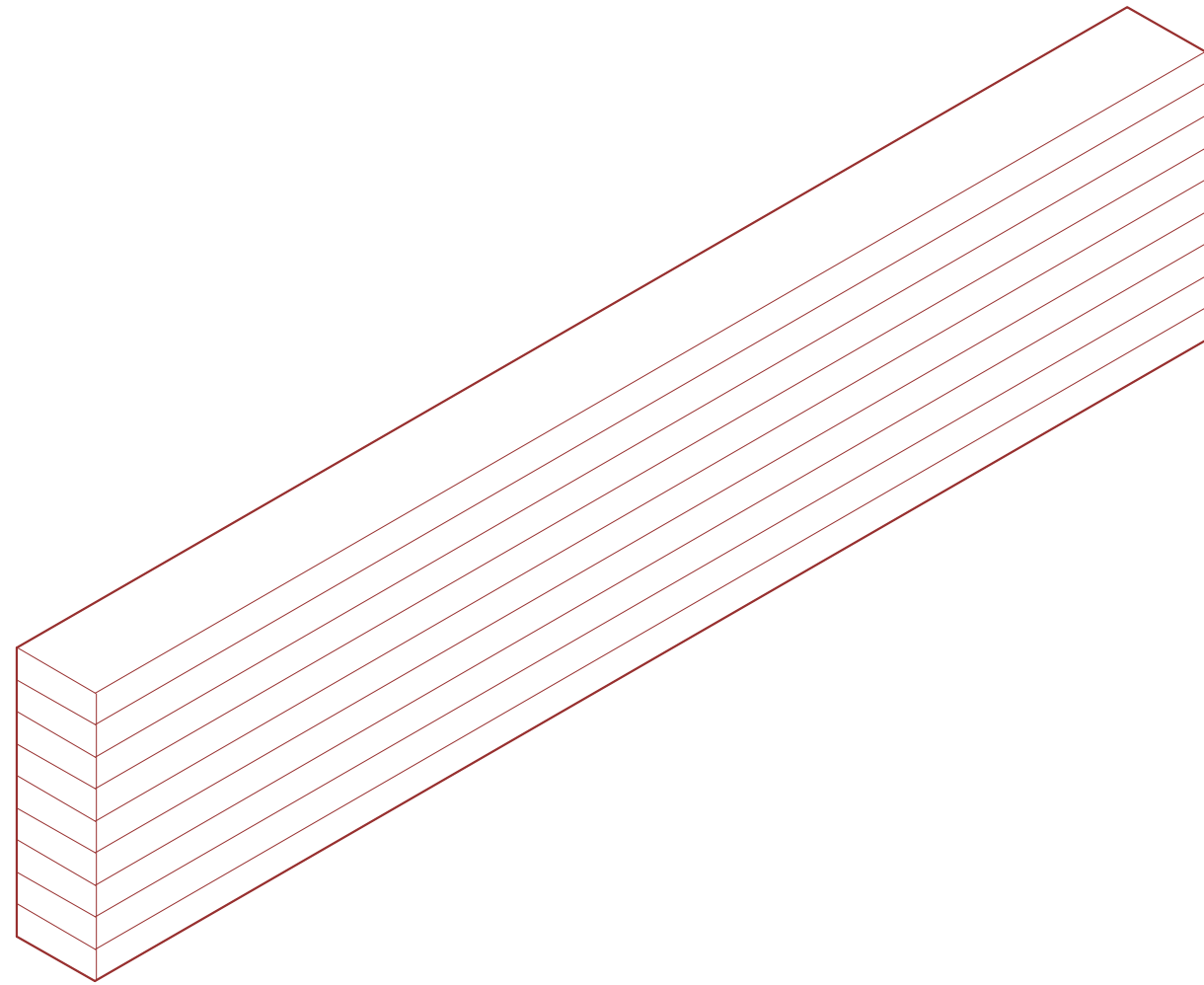


SYSTEM - Adaptability

DESIGN FOR
DISASSEMBLY



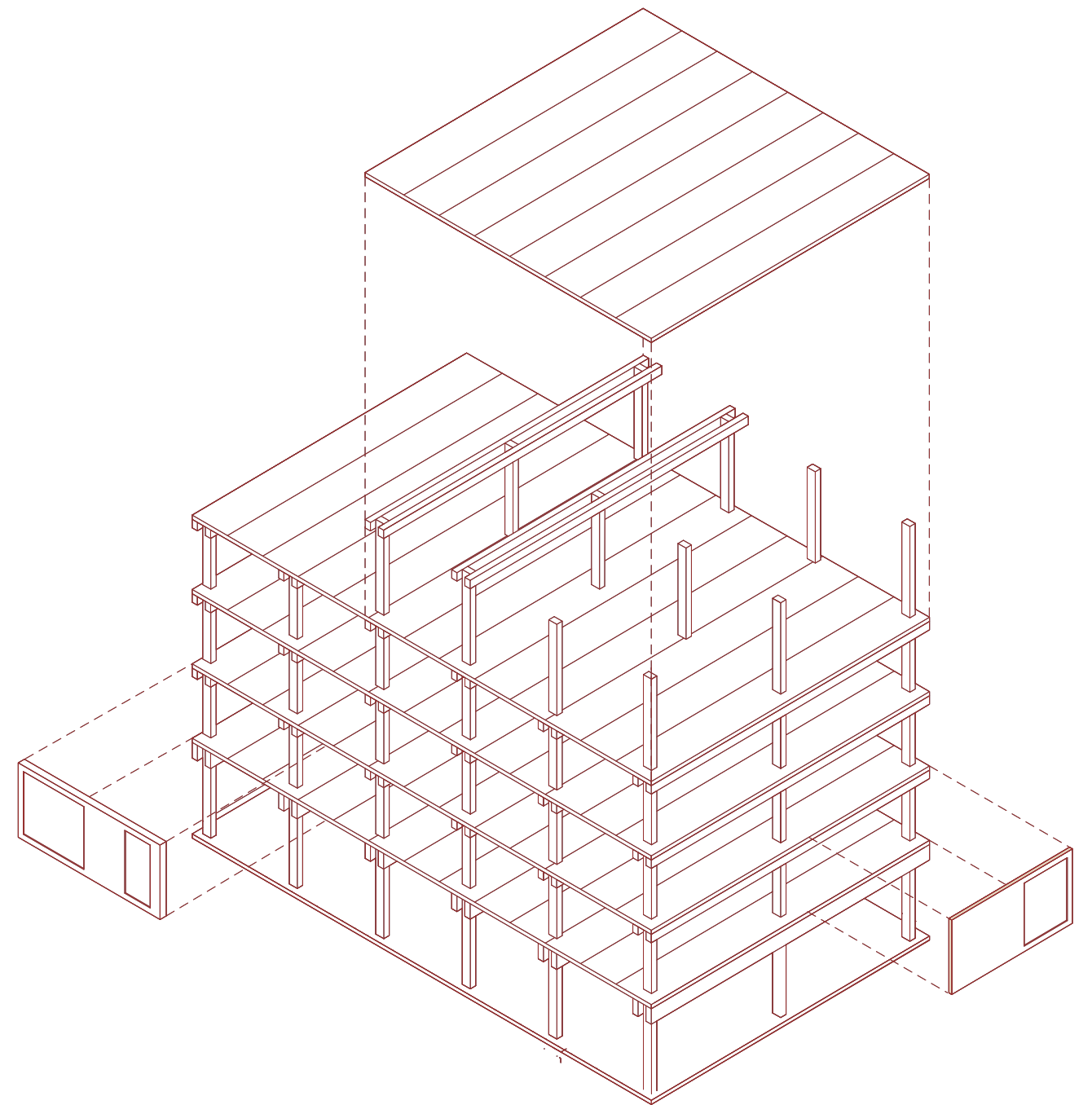
MATERIAL - Timber

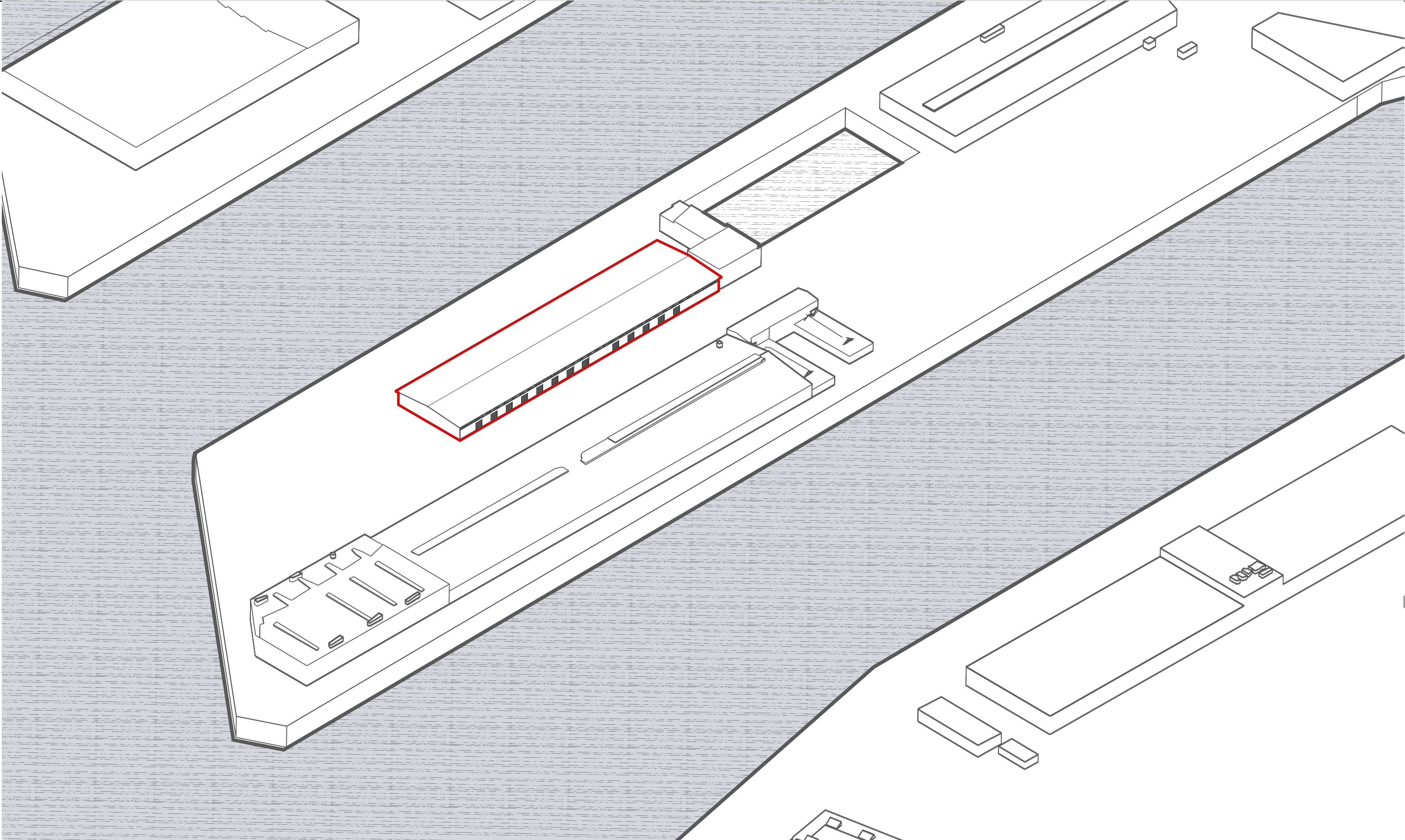


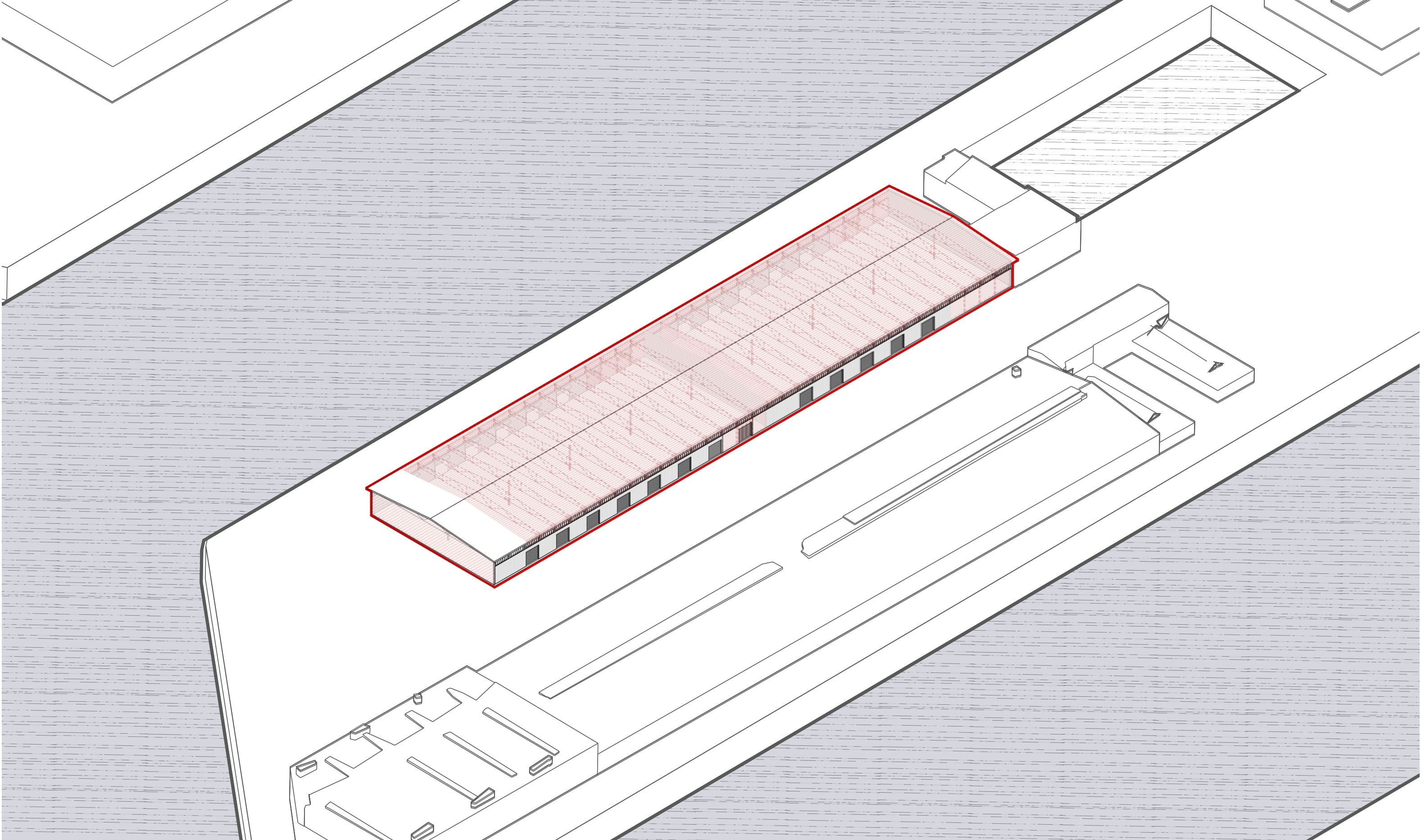
Glulam

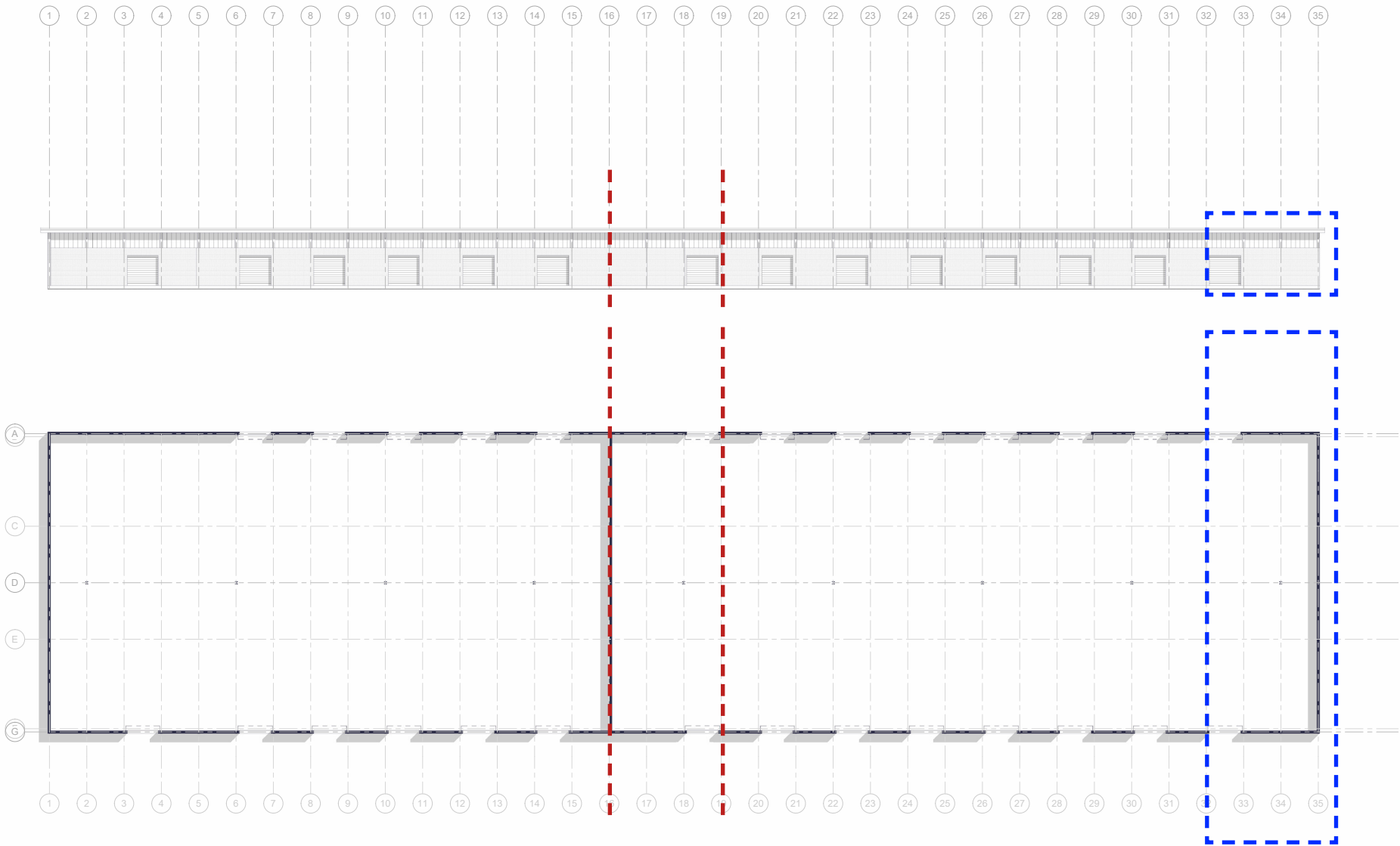


1D Post &
Beam system

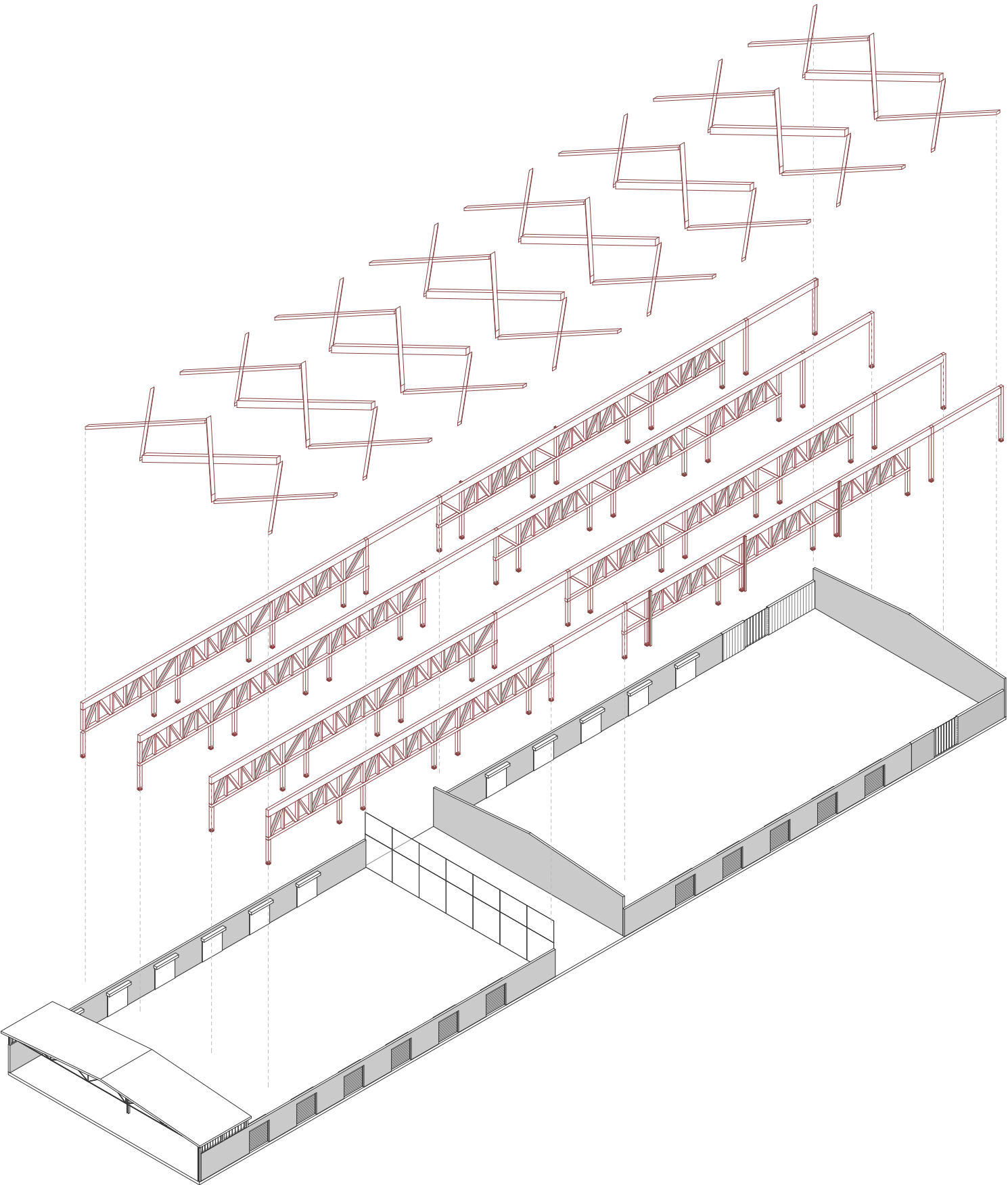


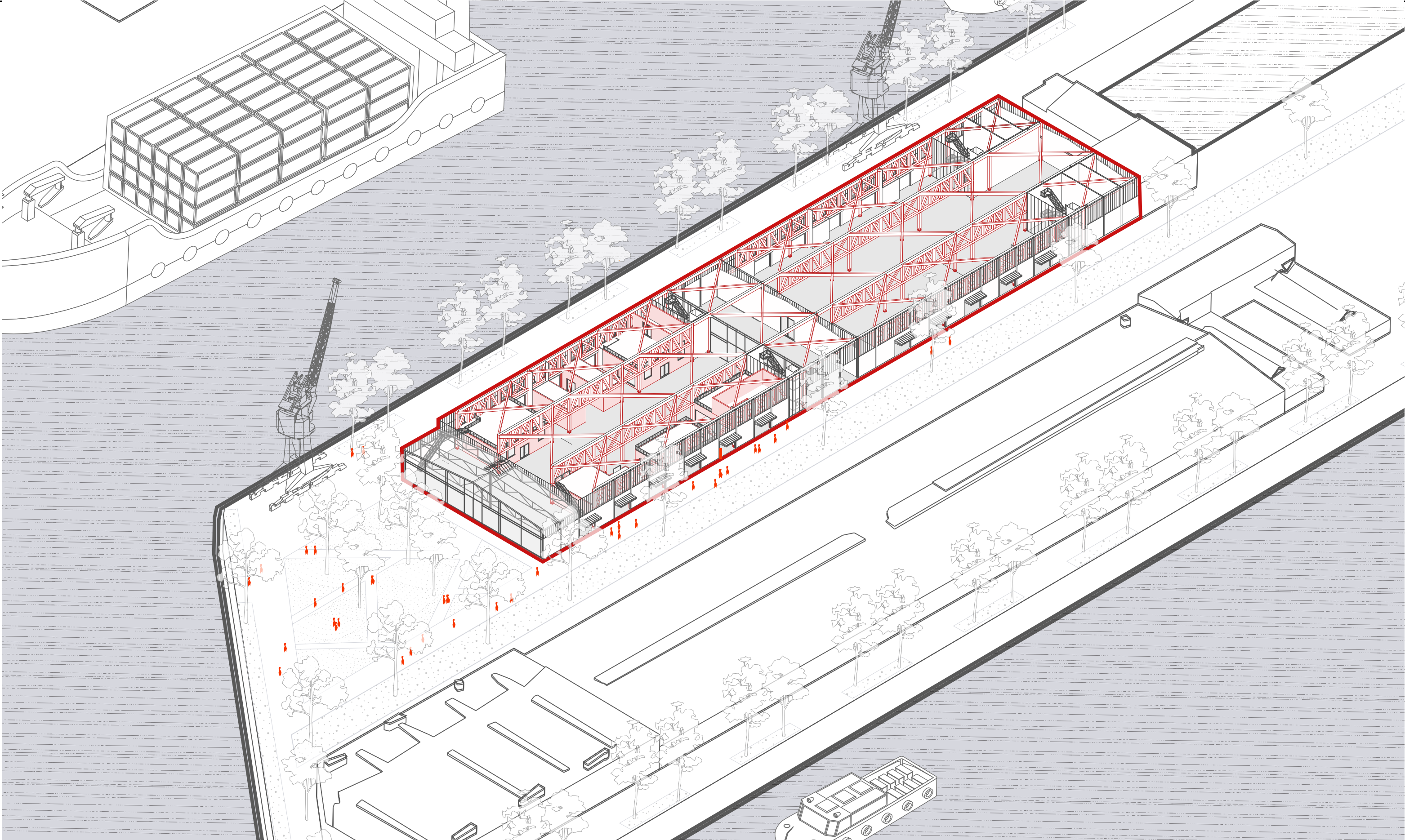


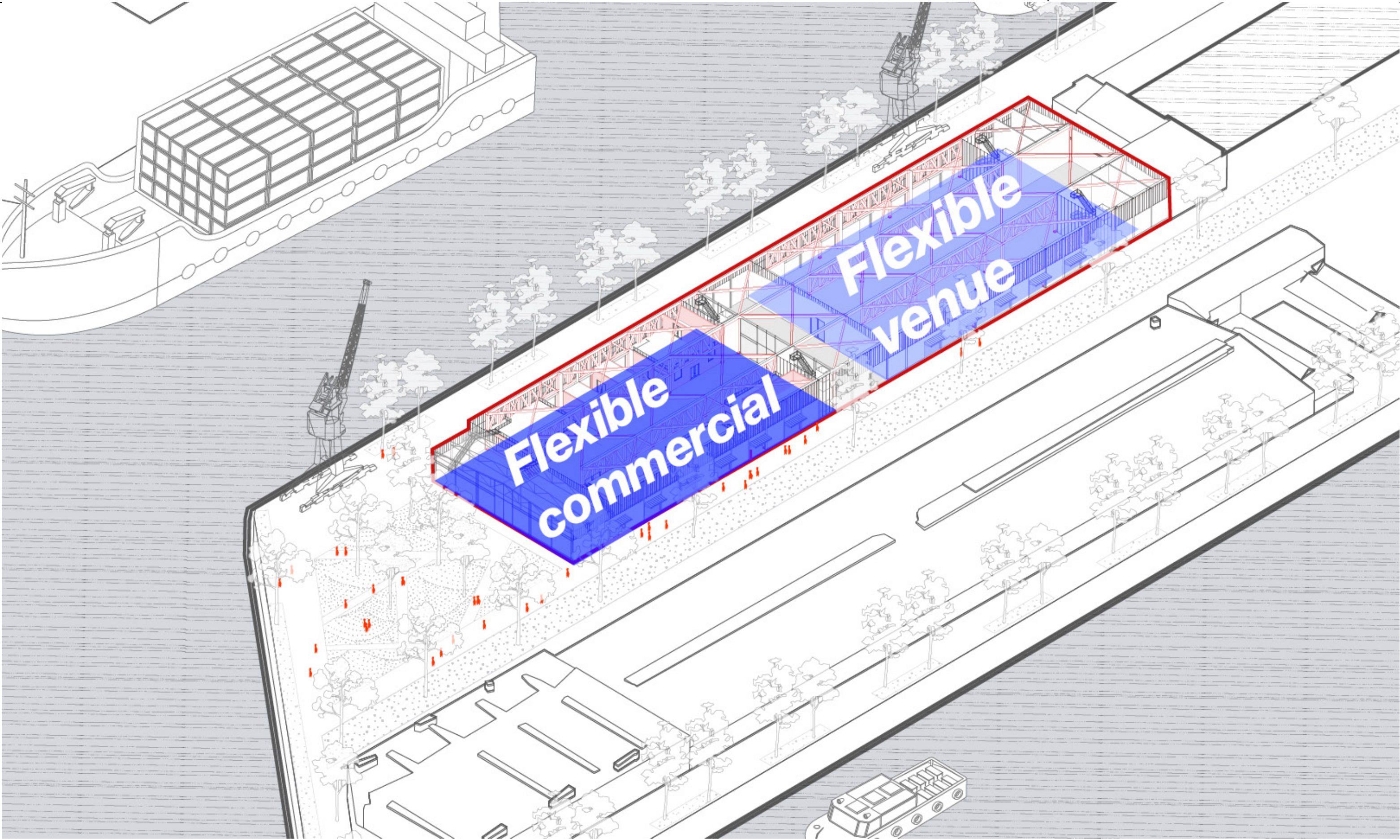


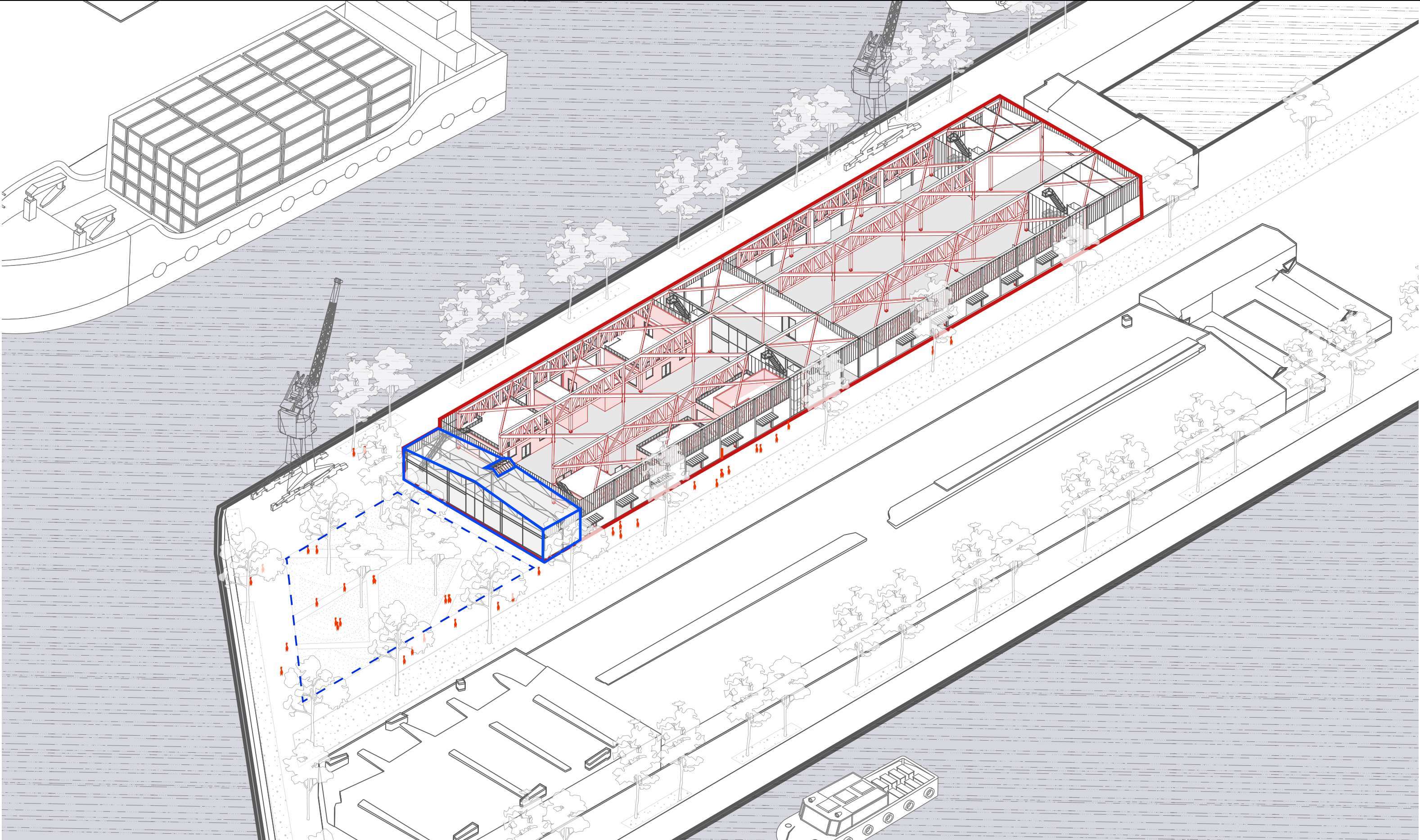


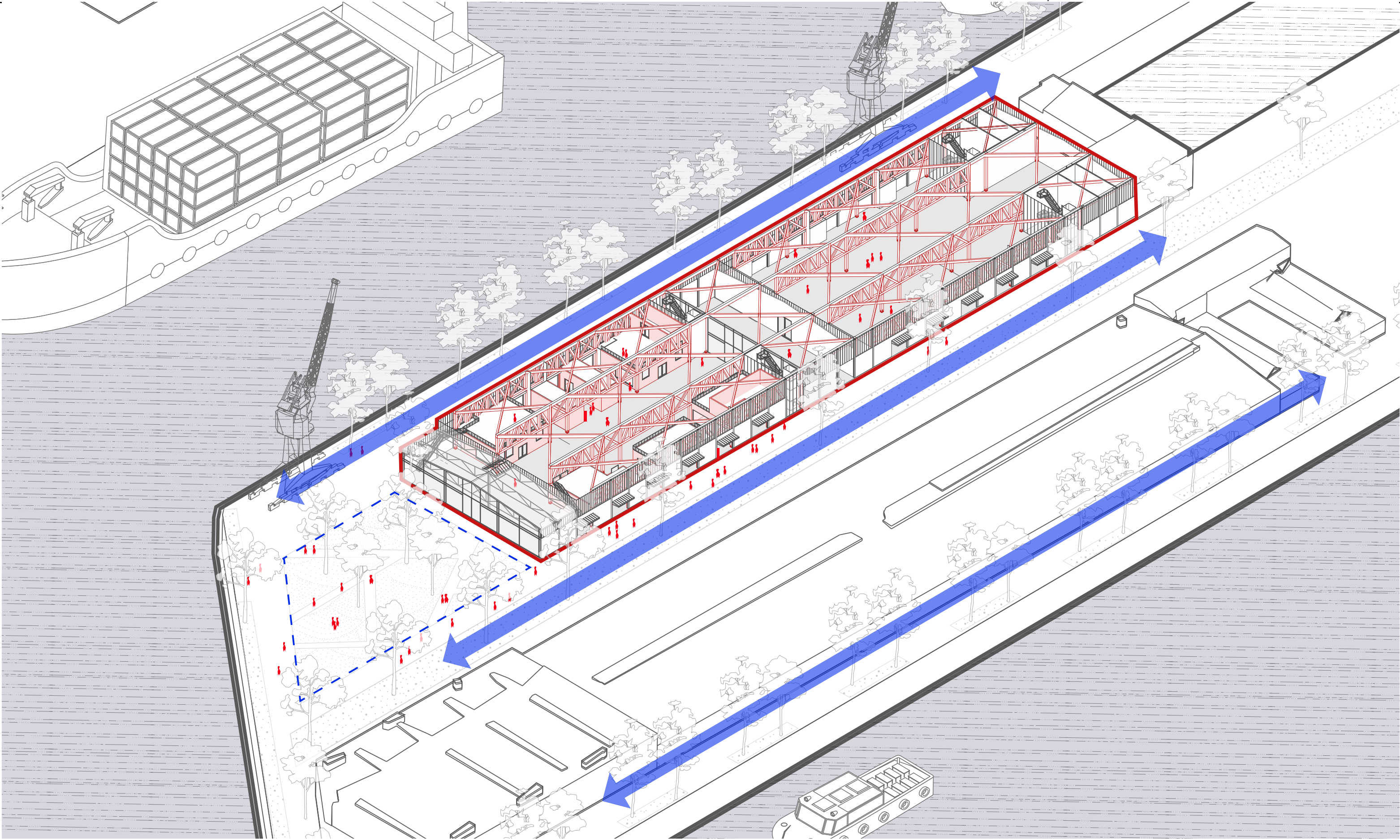


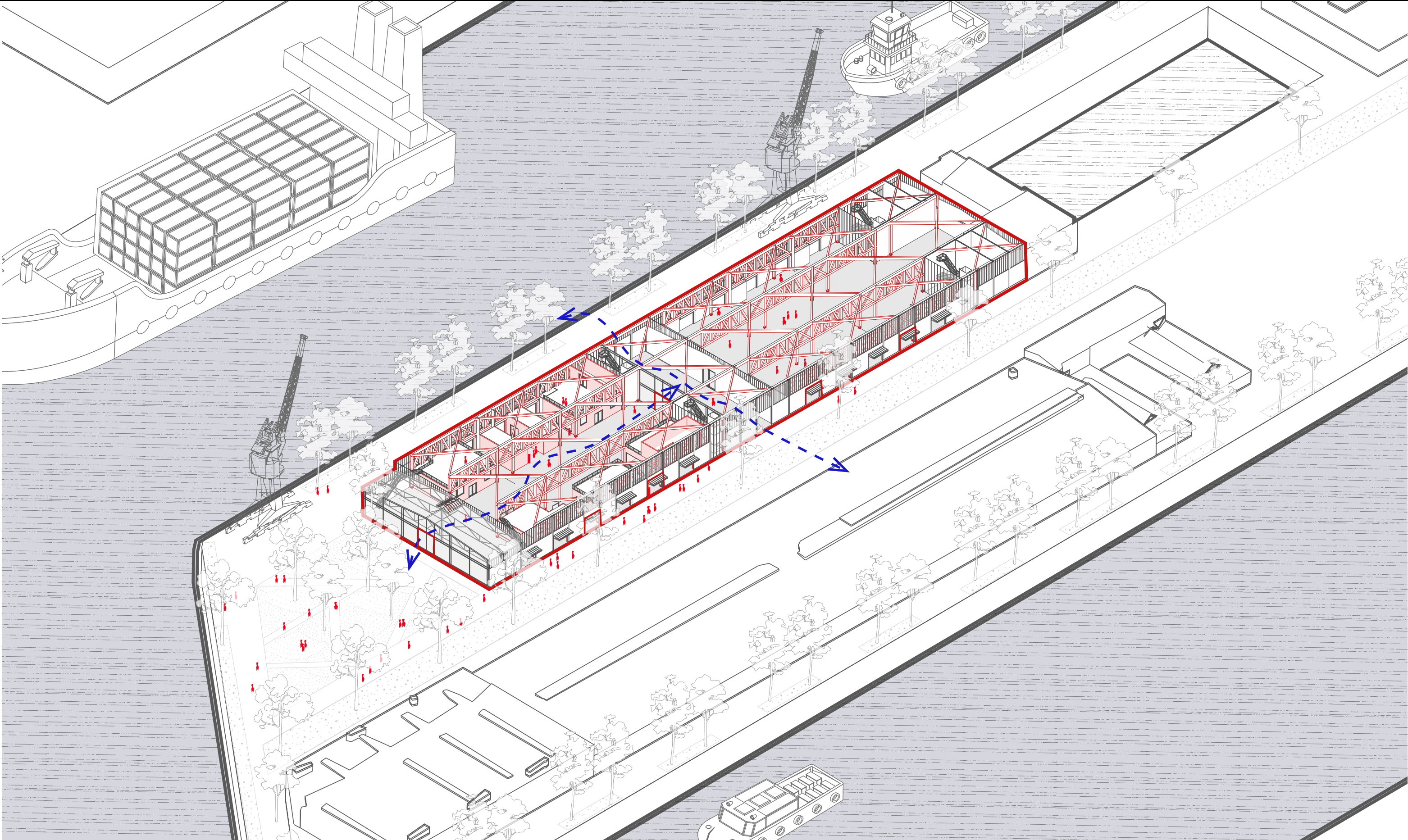


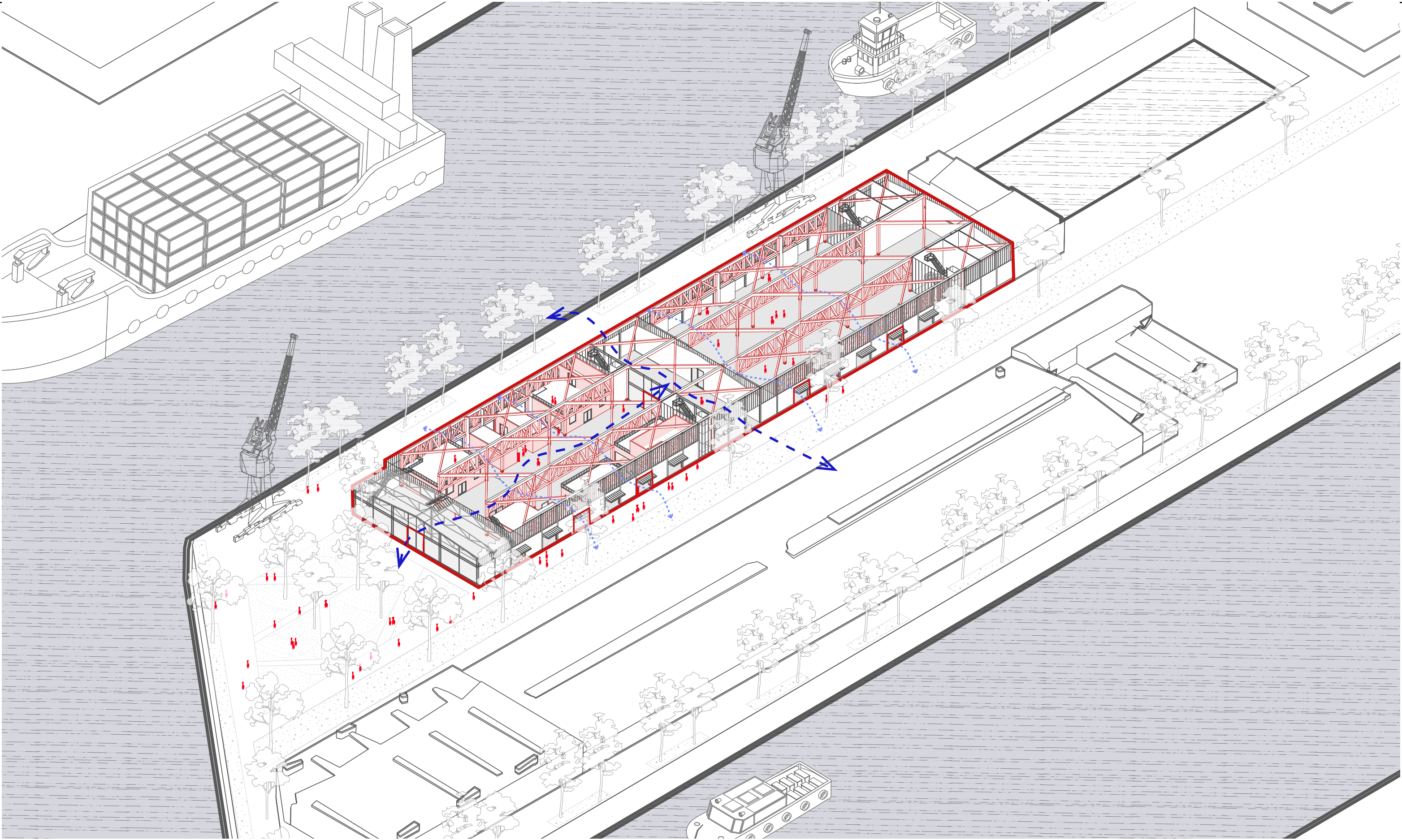


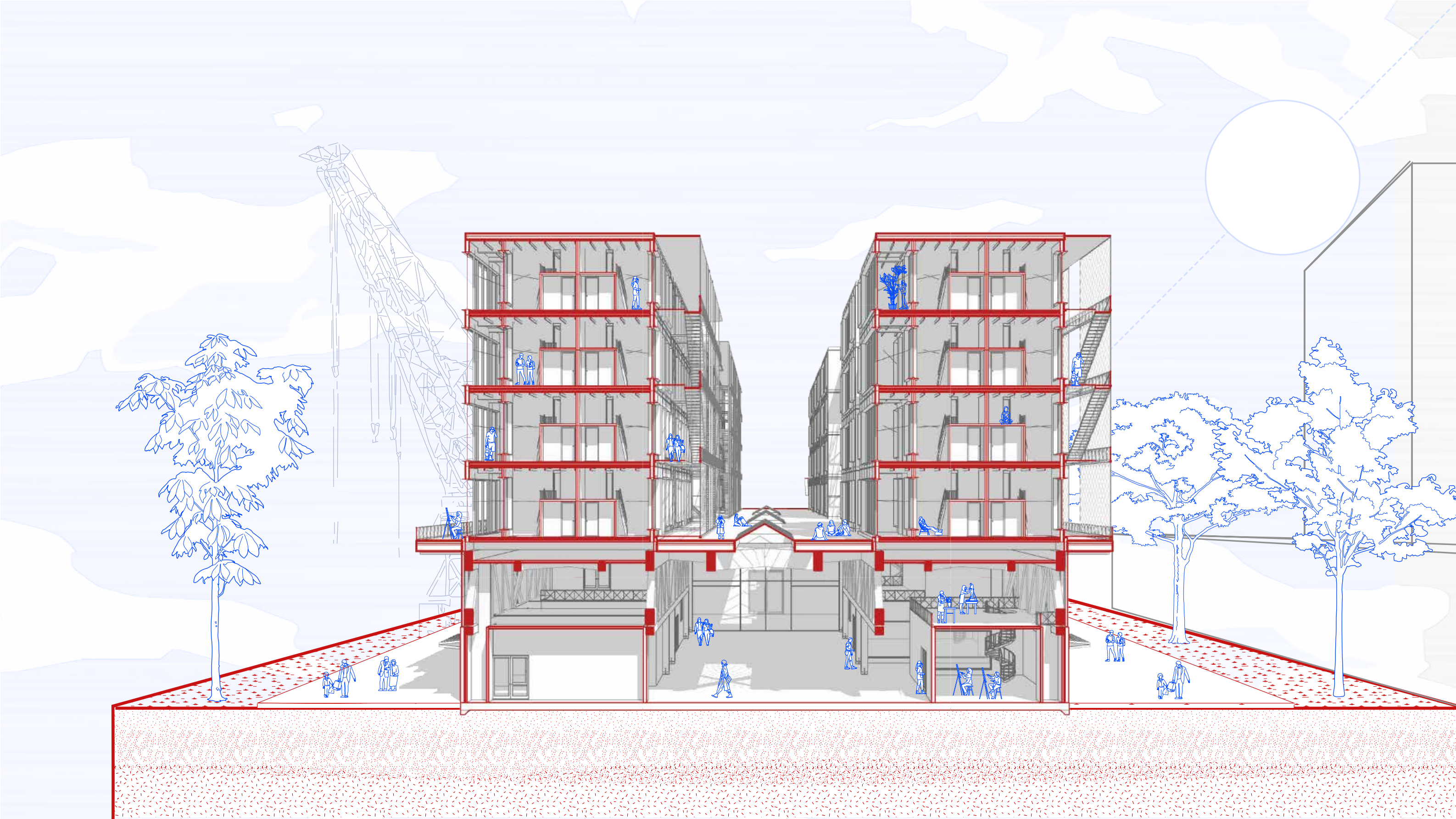








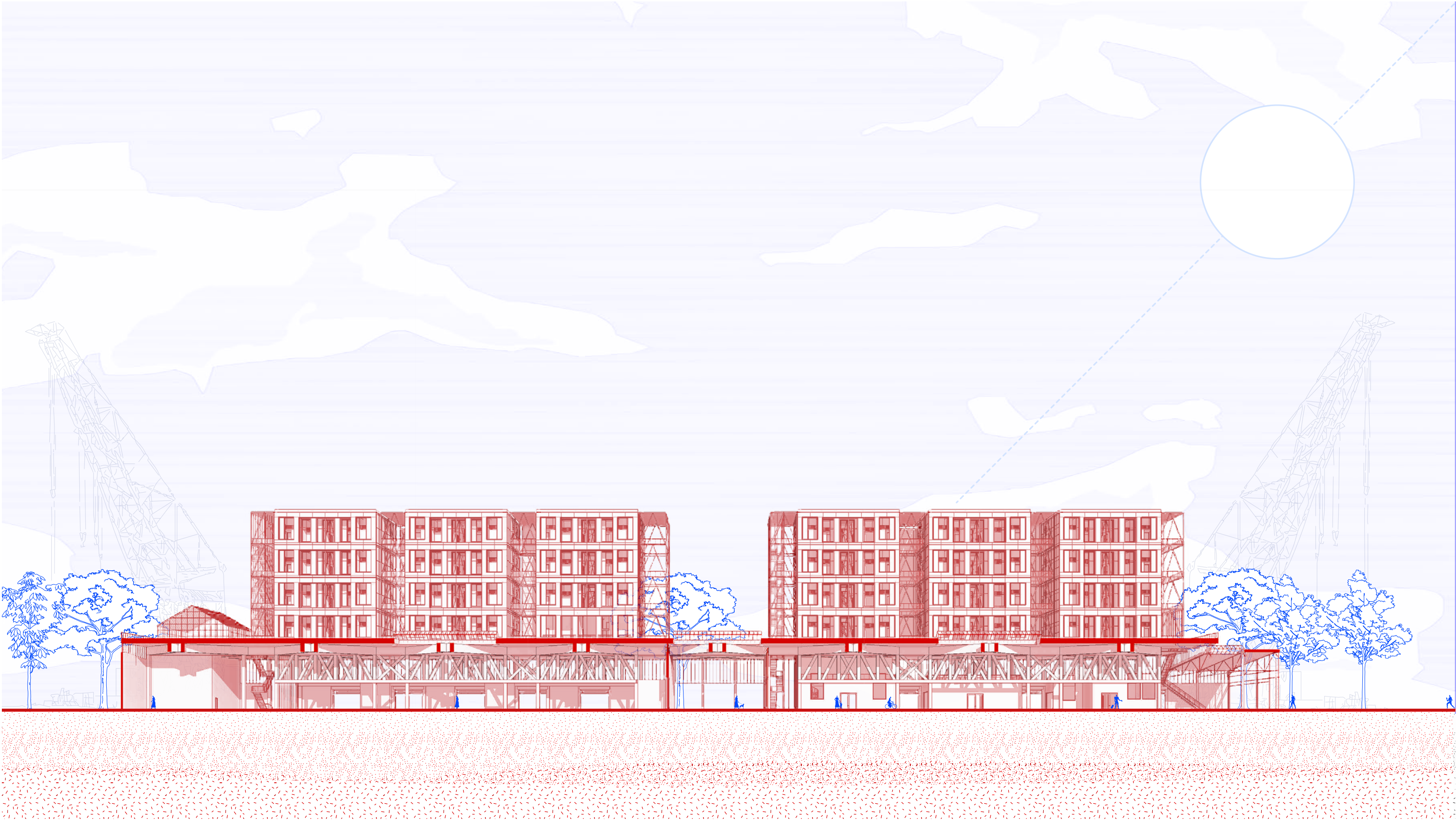


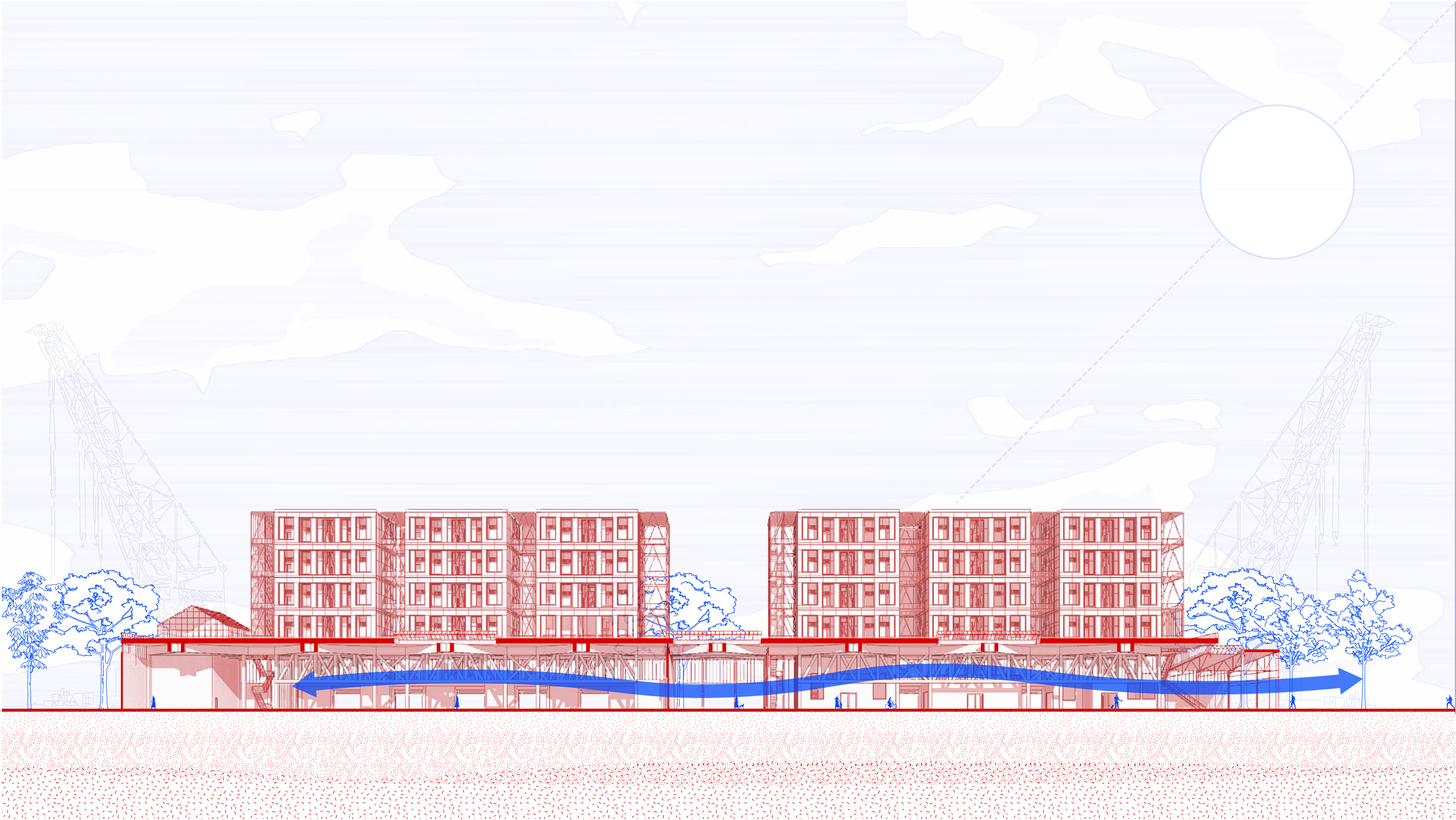


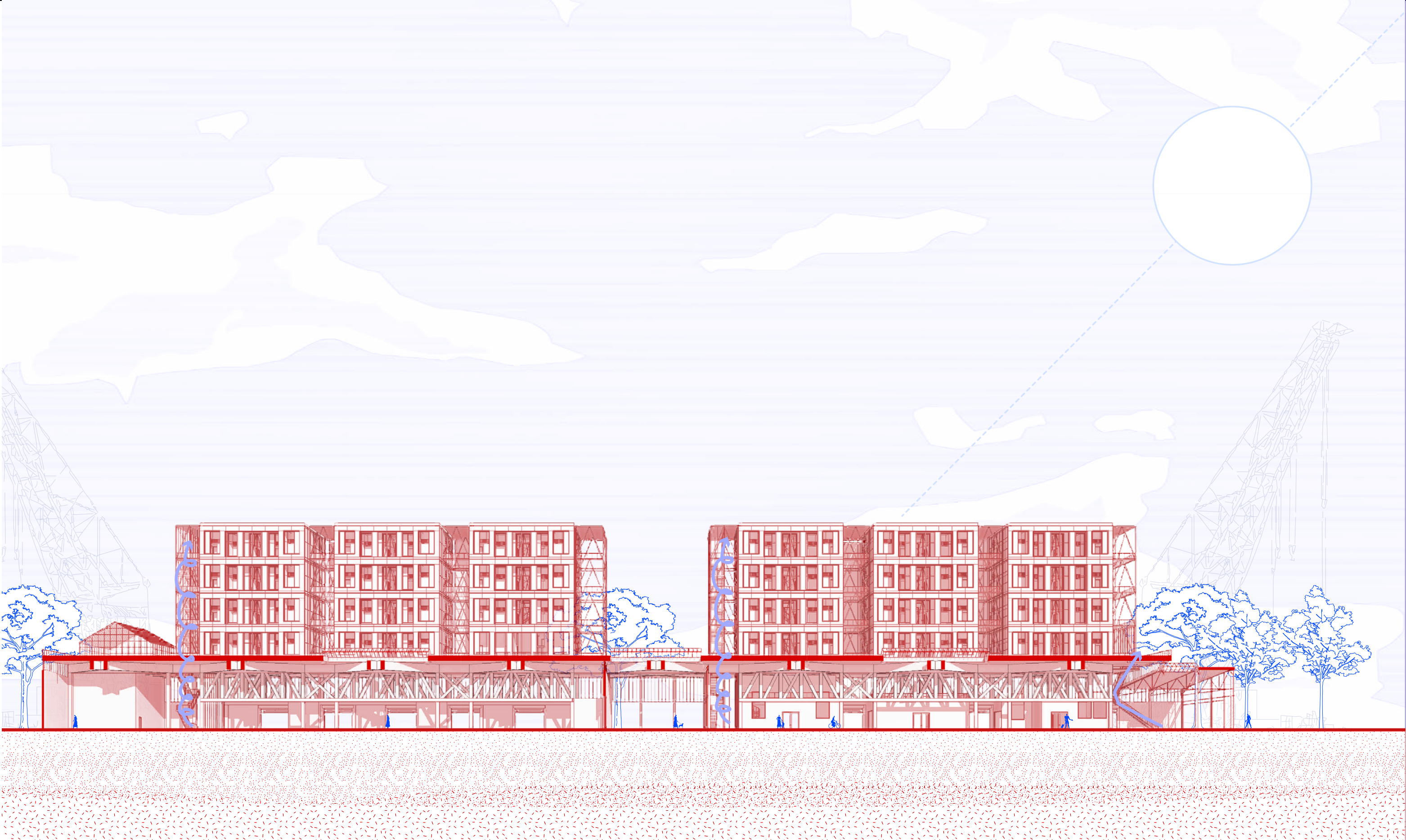


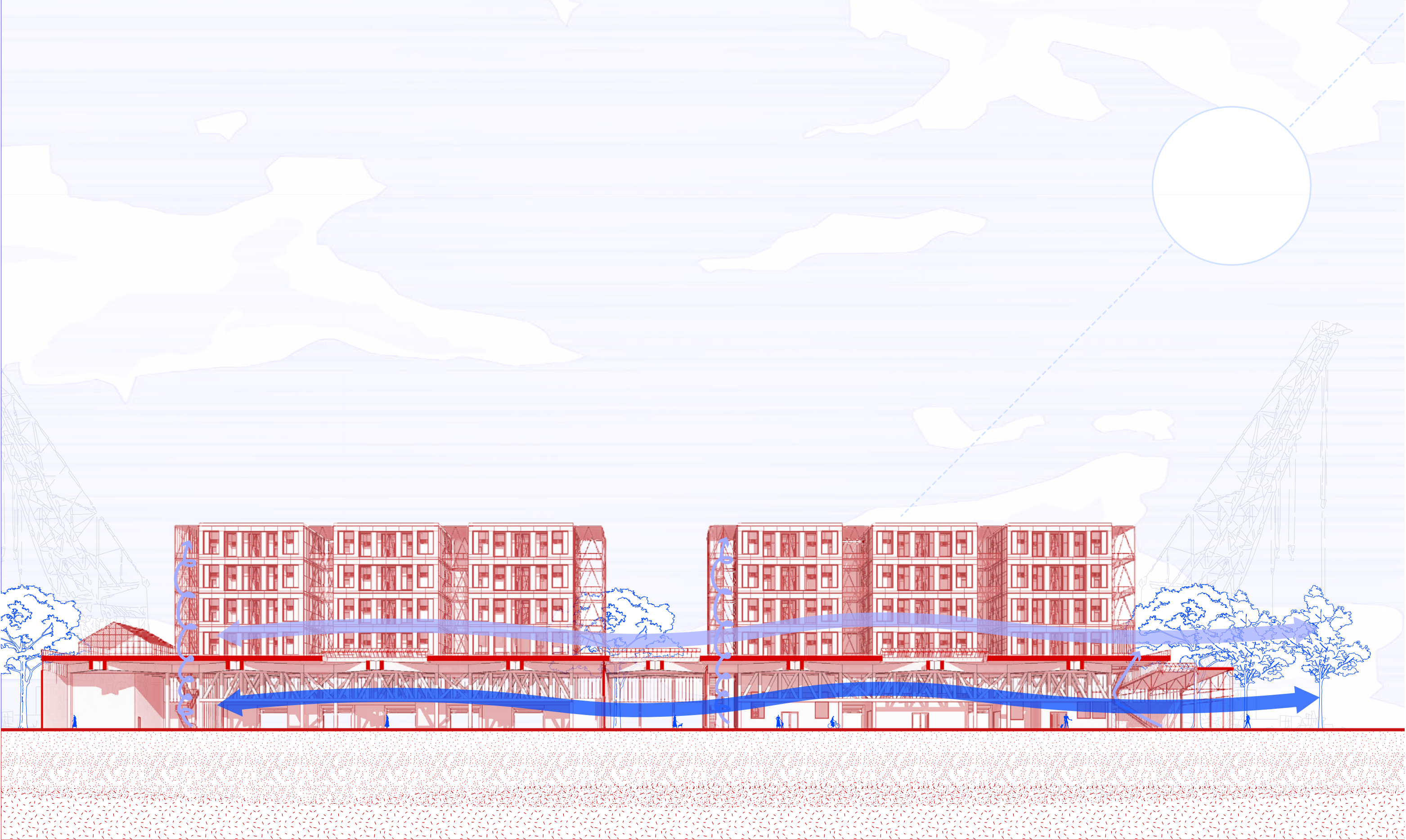


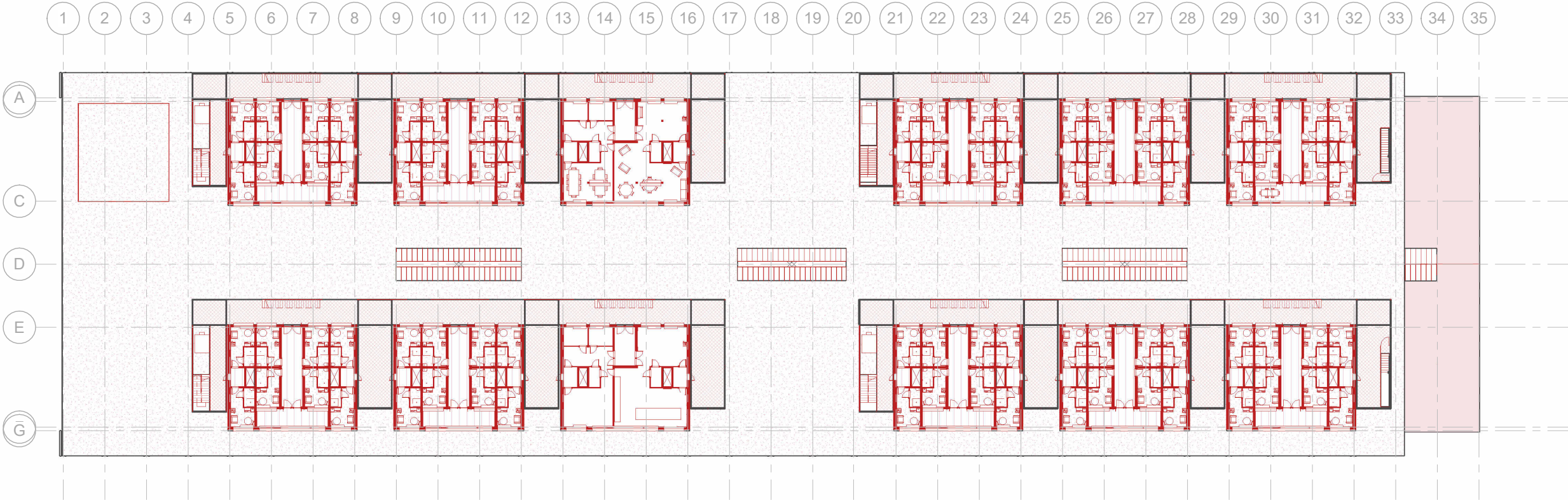




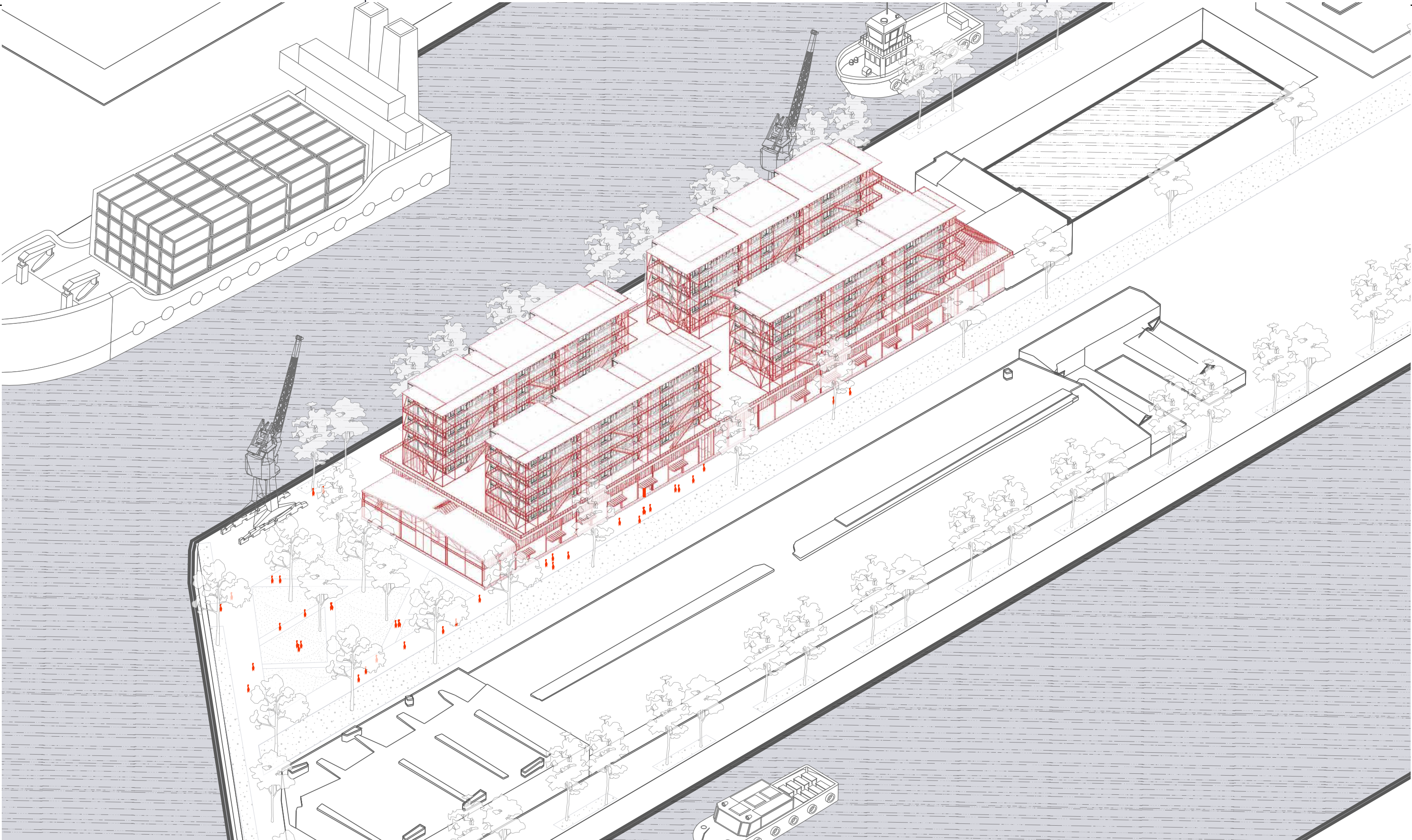


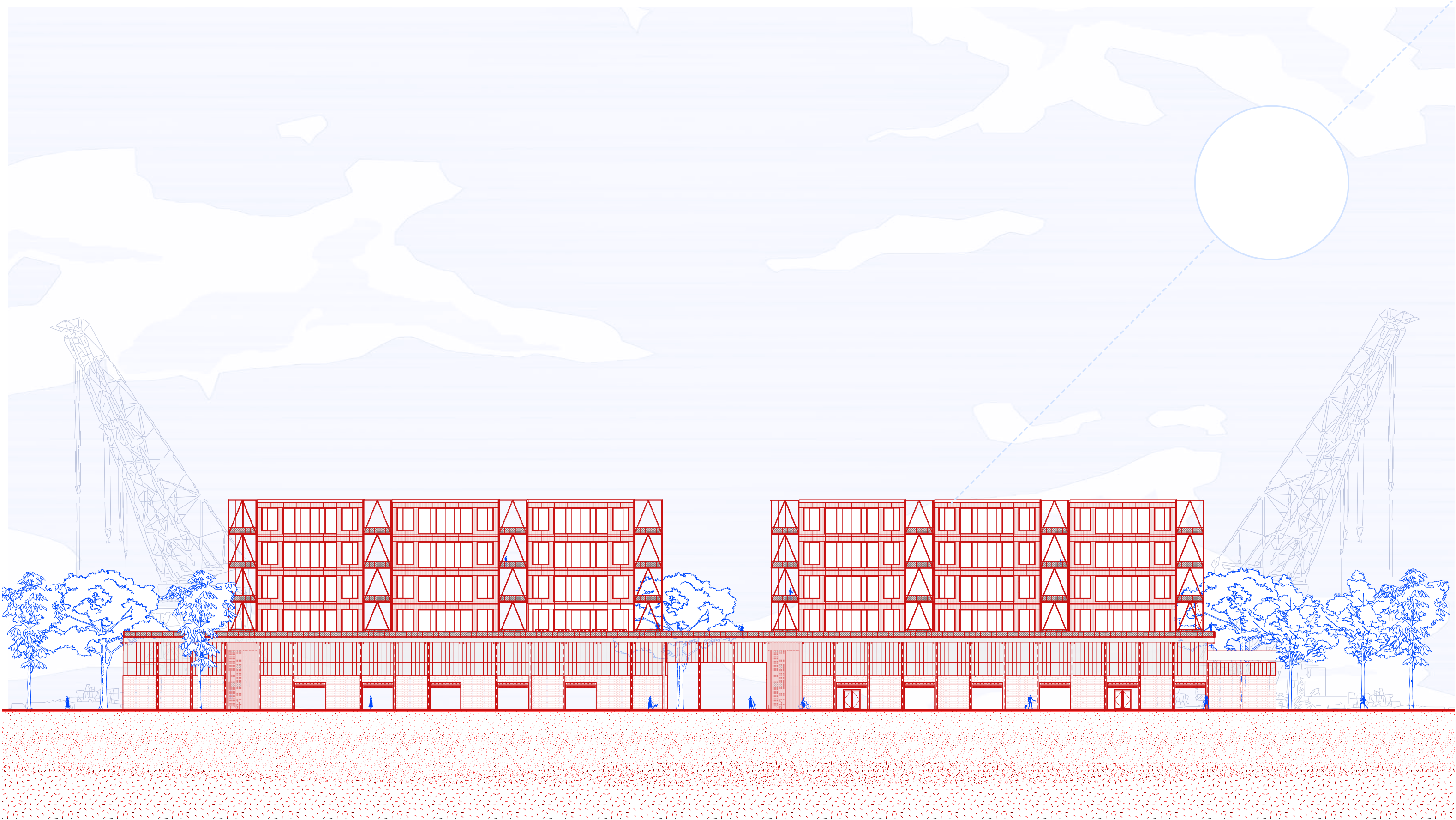




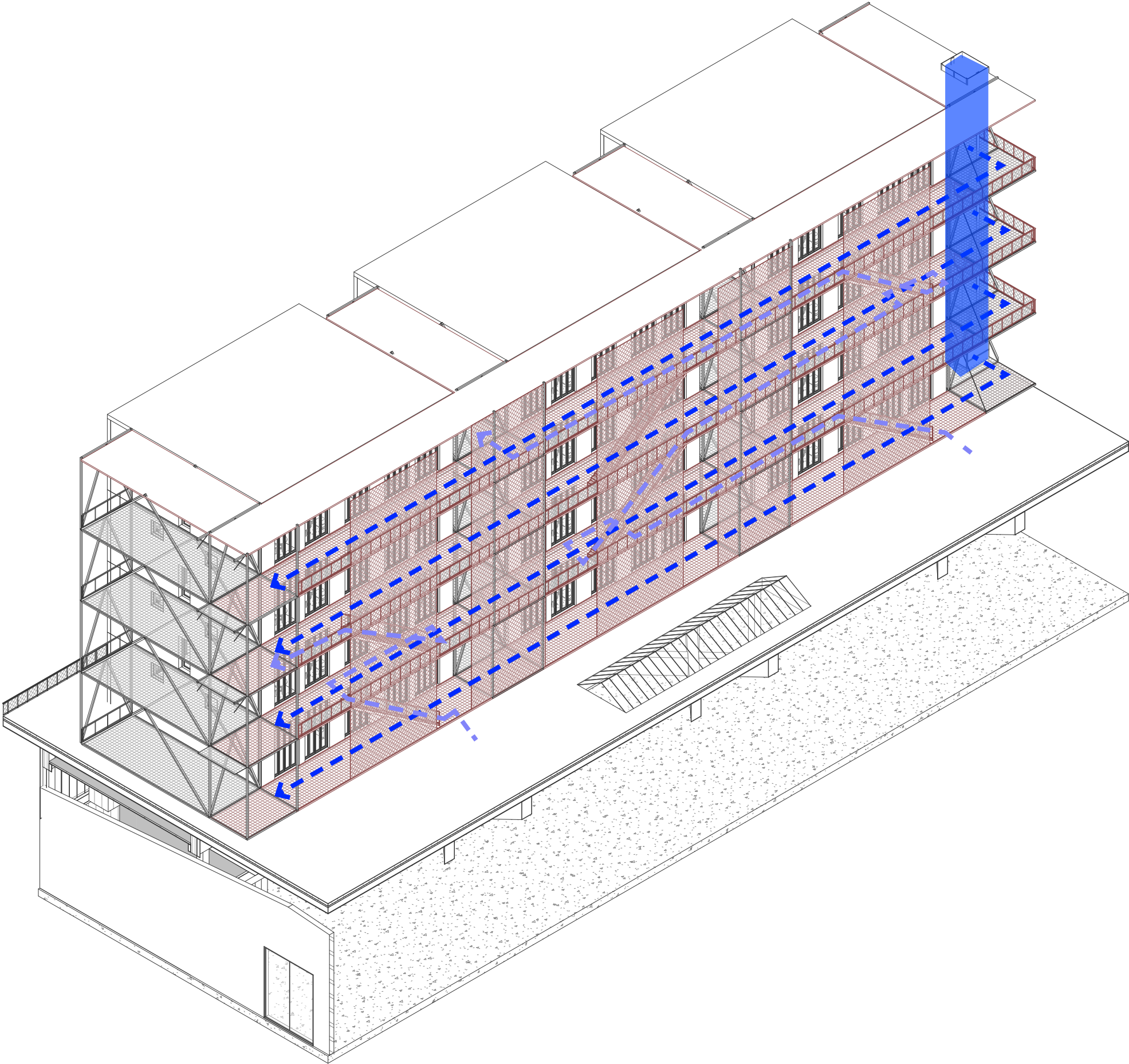


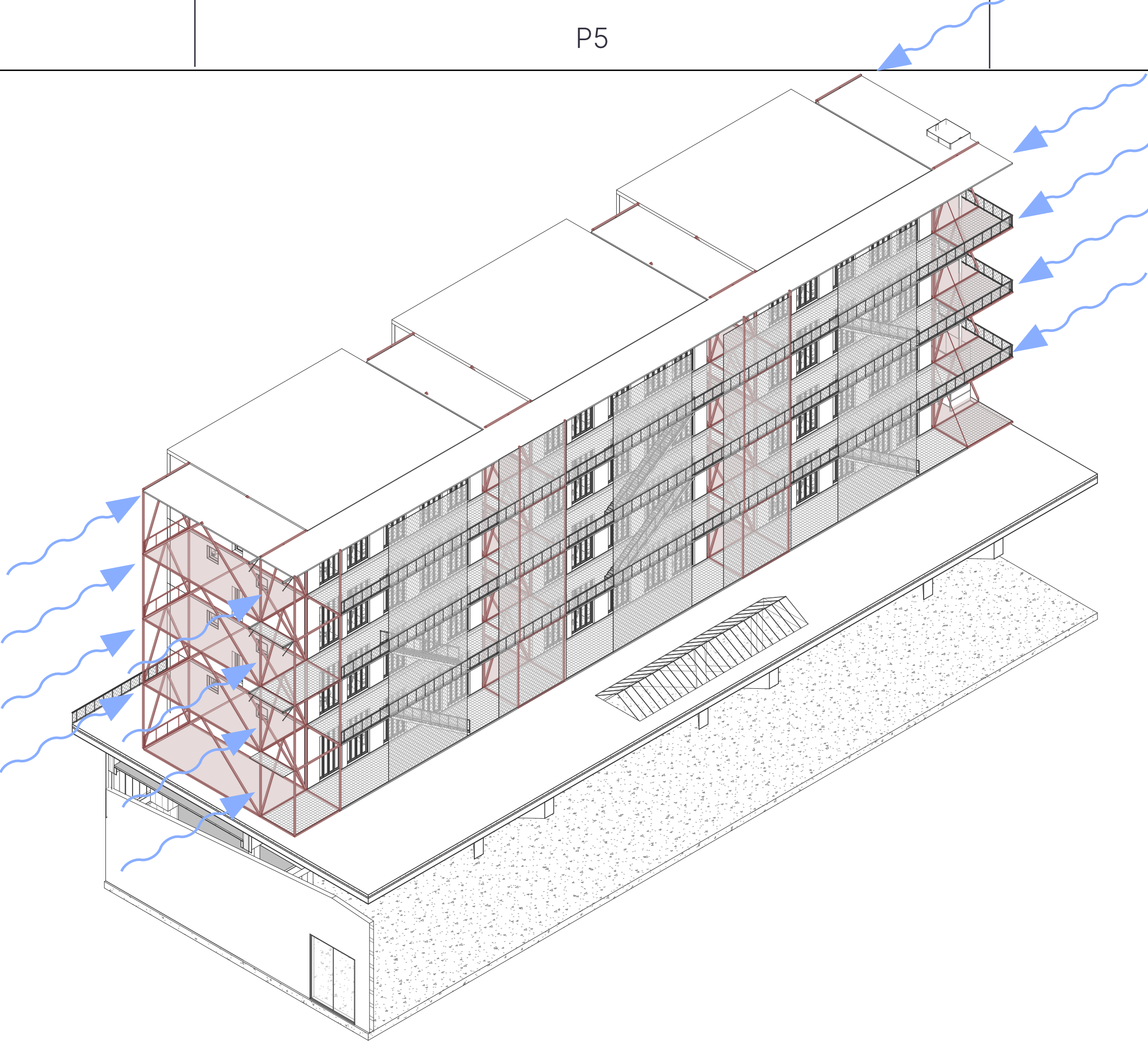


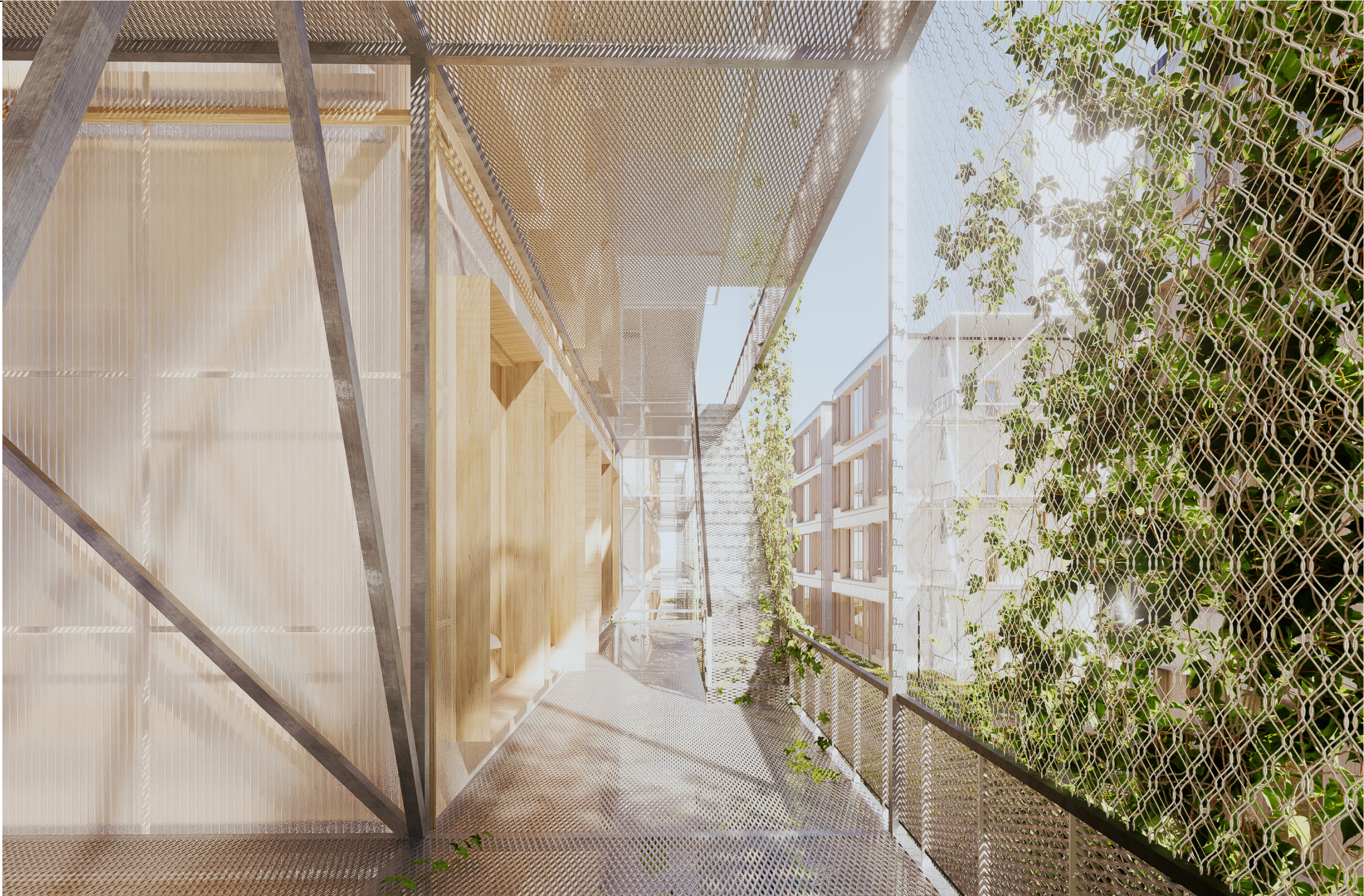


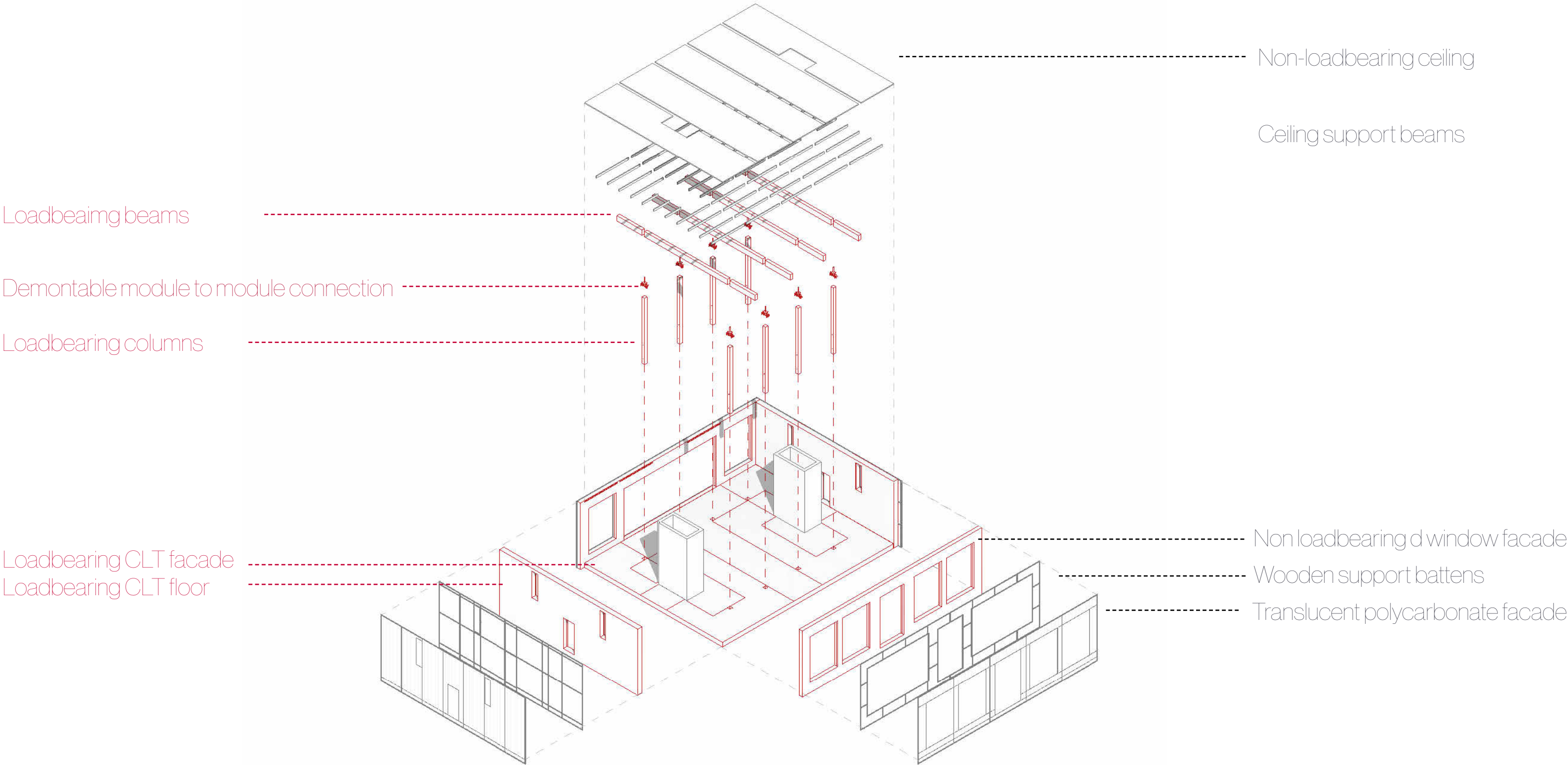




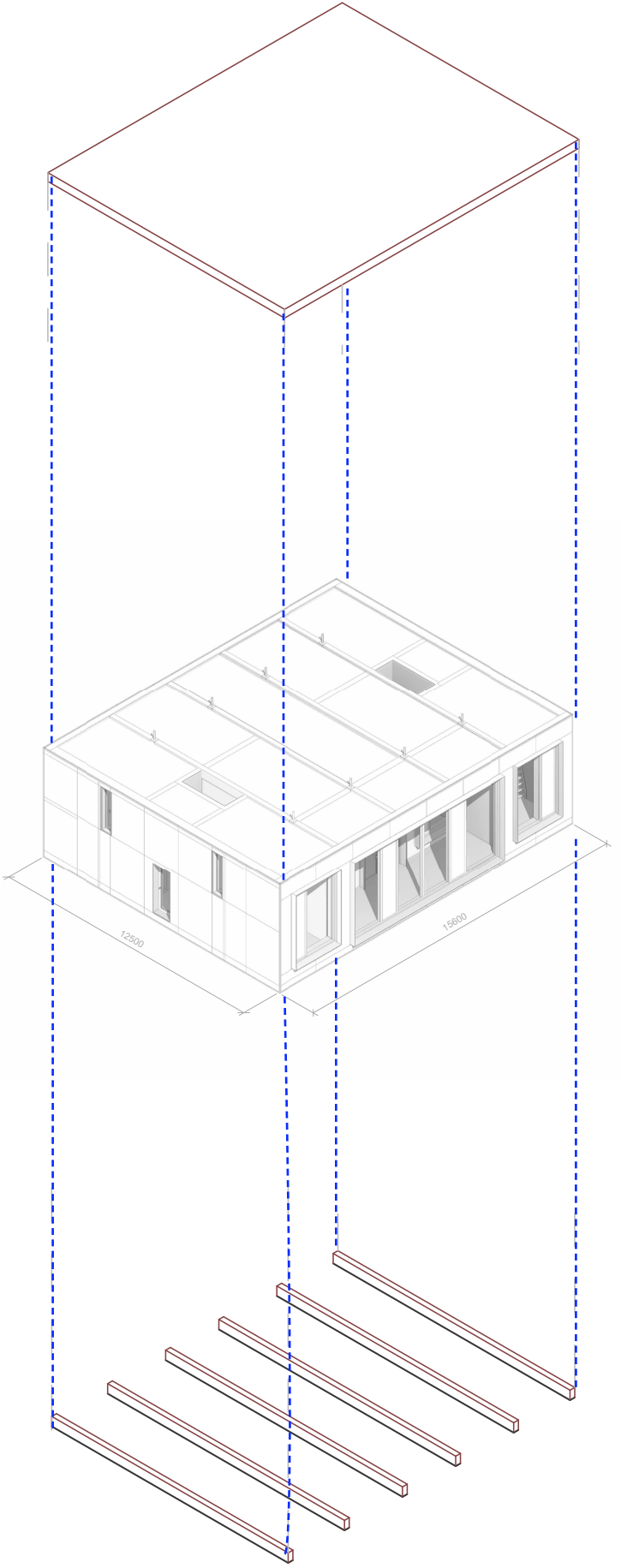


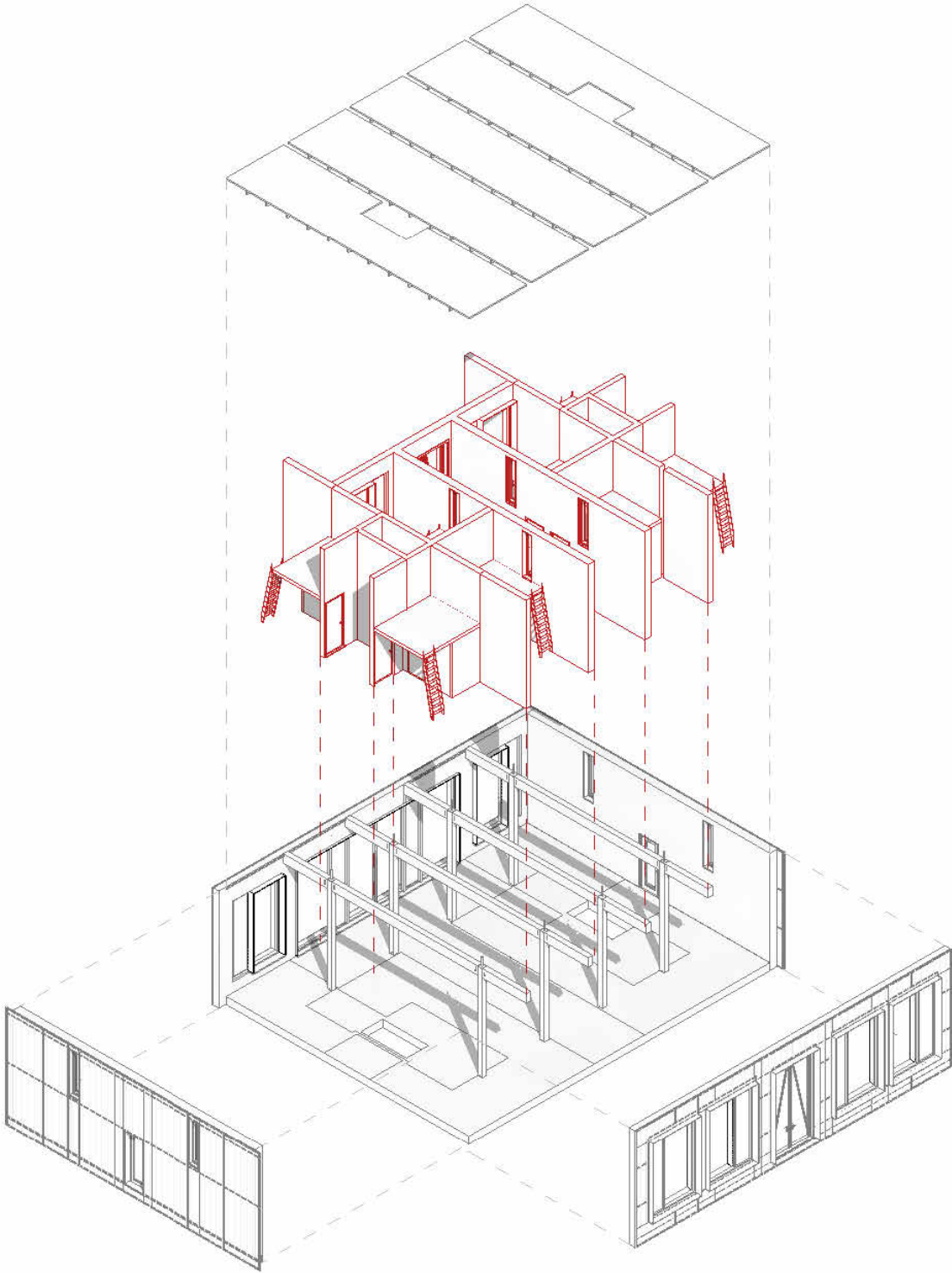


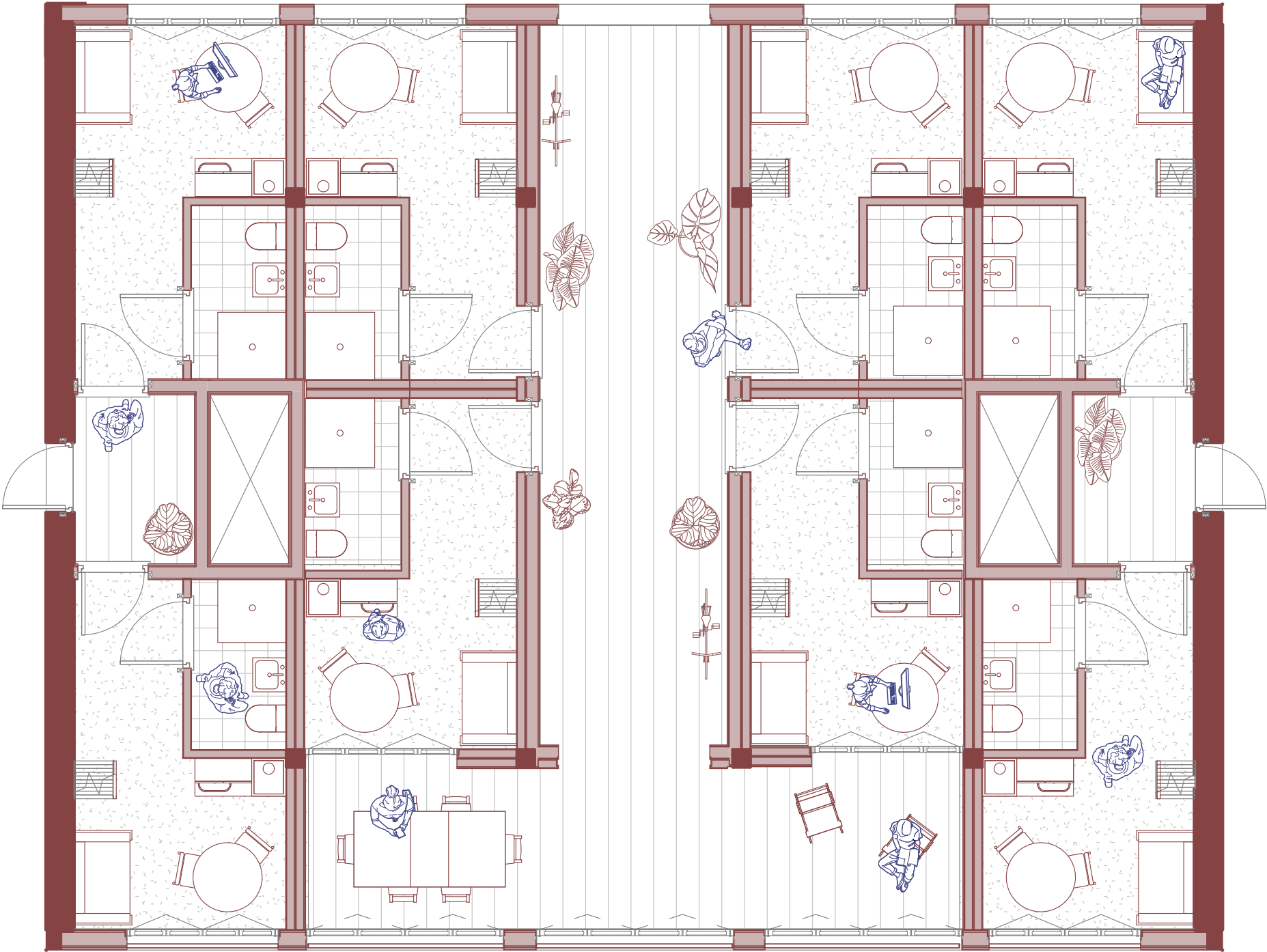


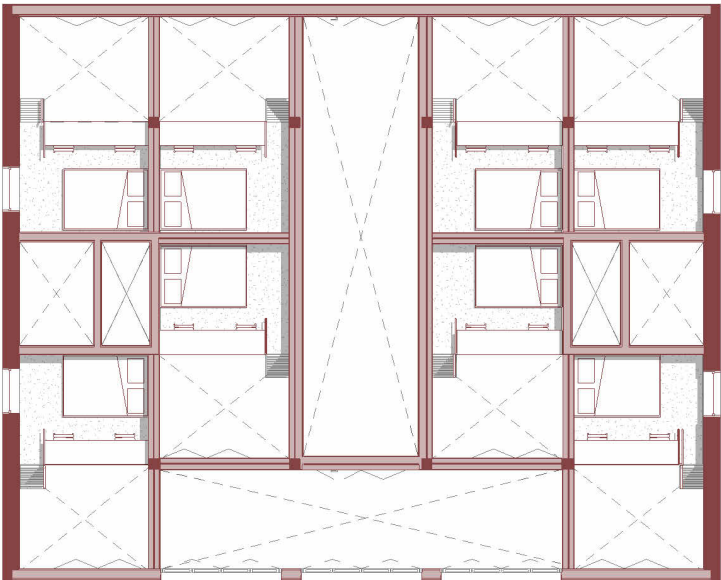
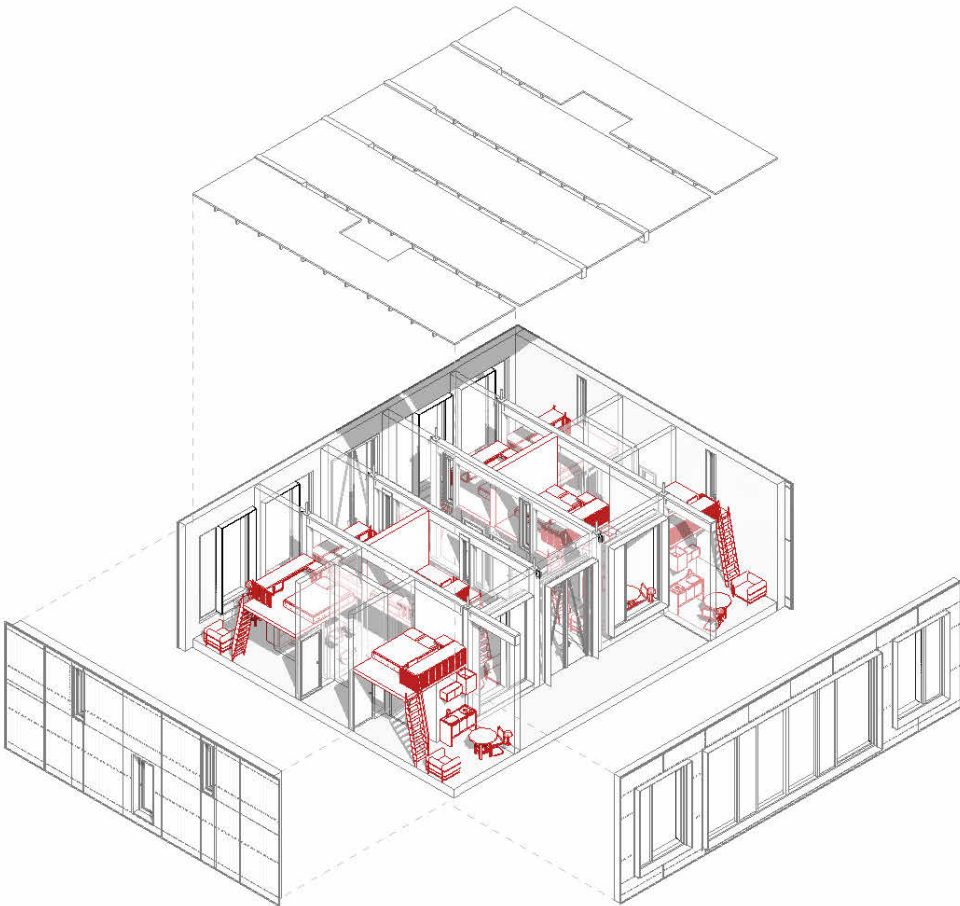




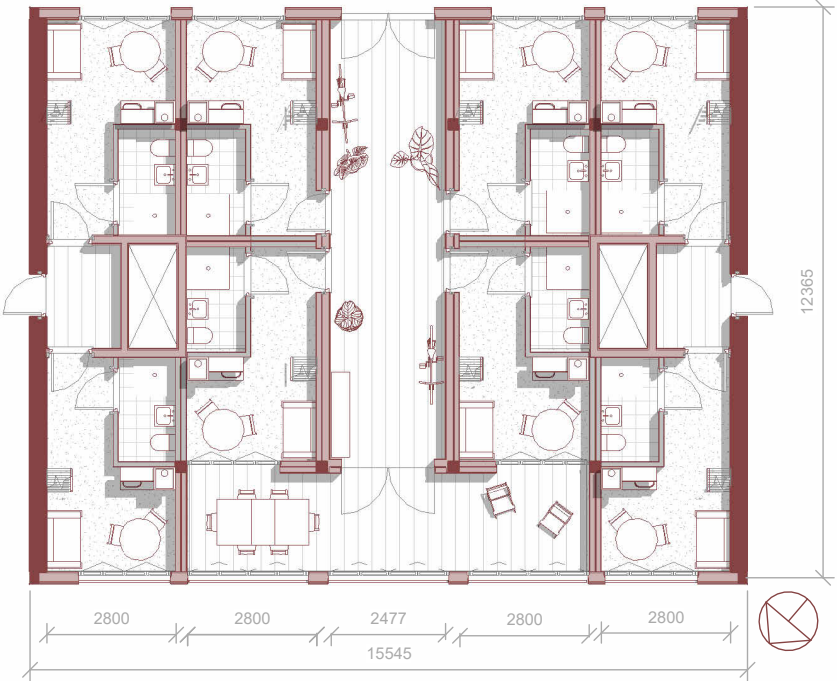




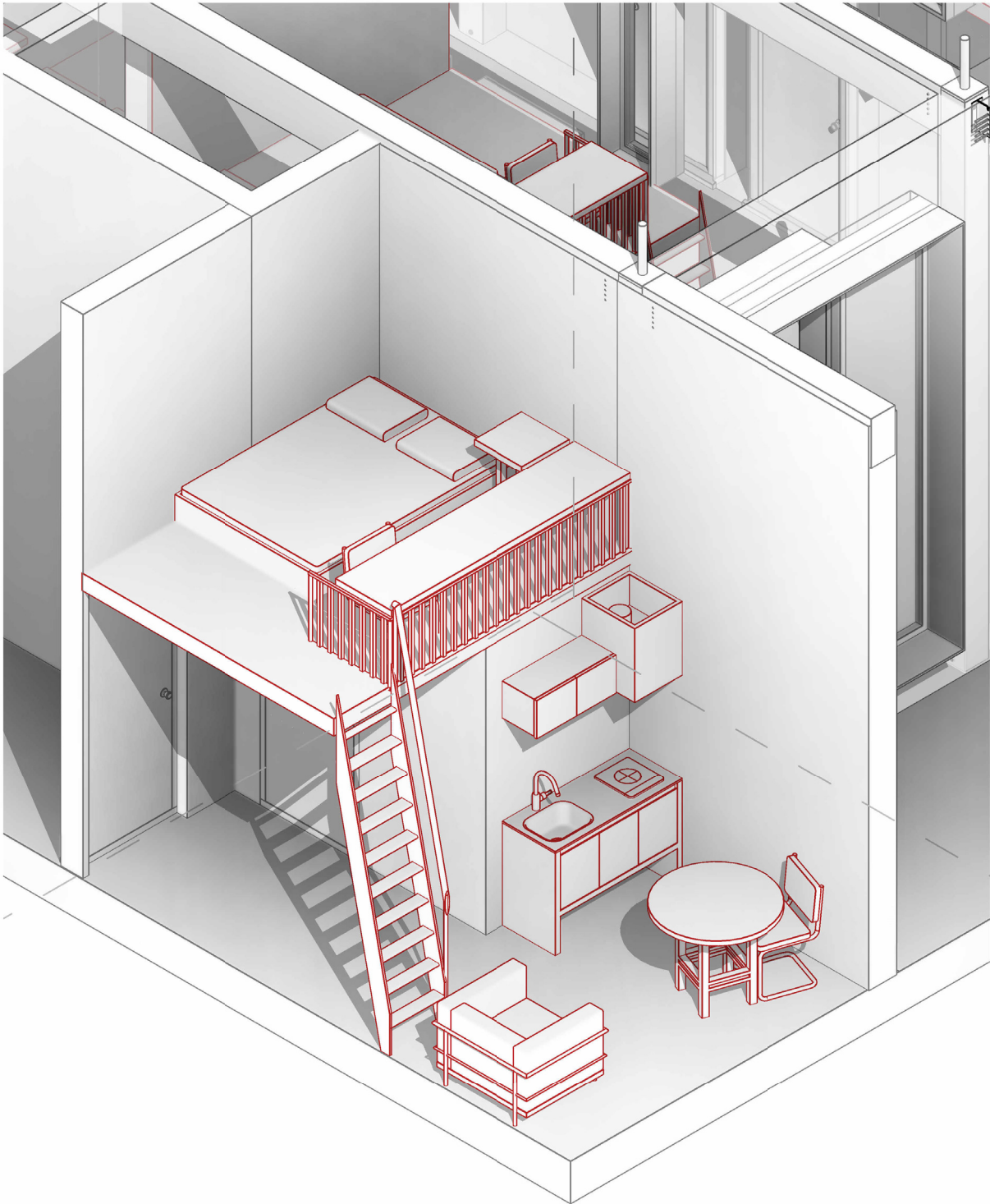


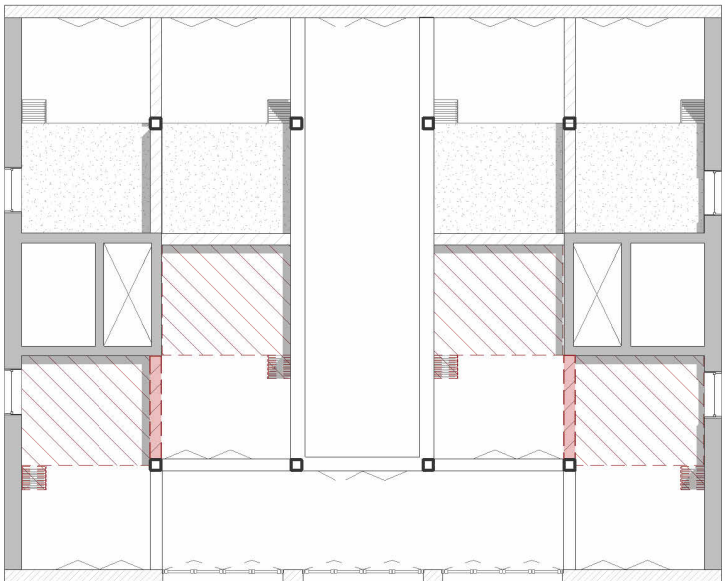
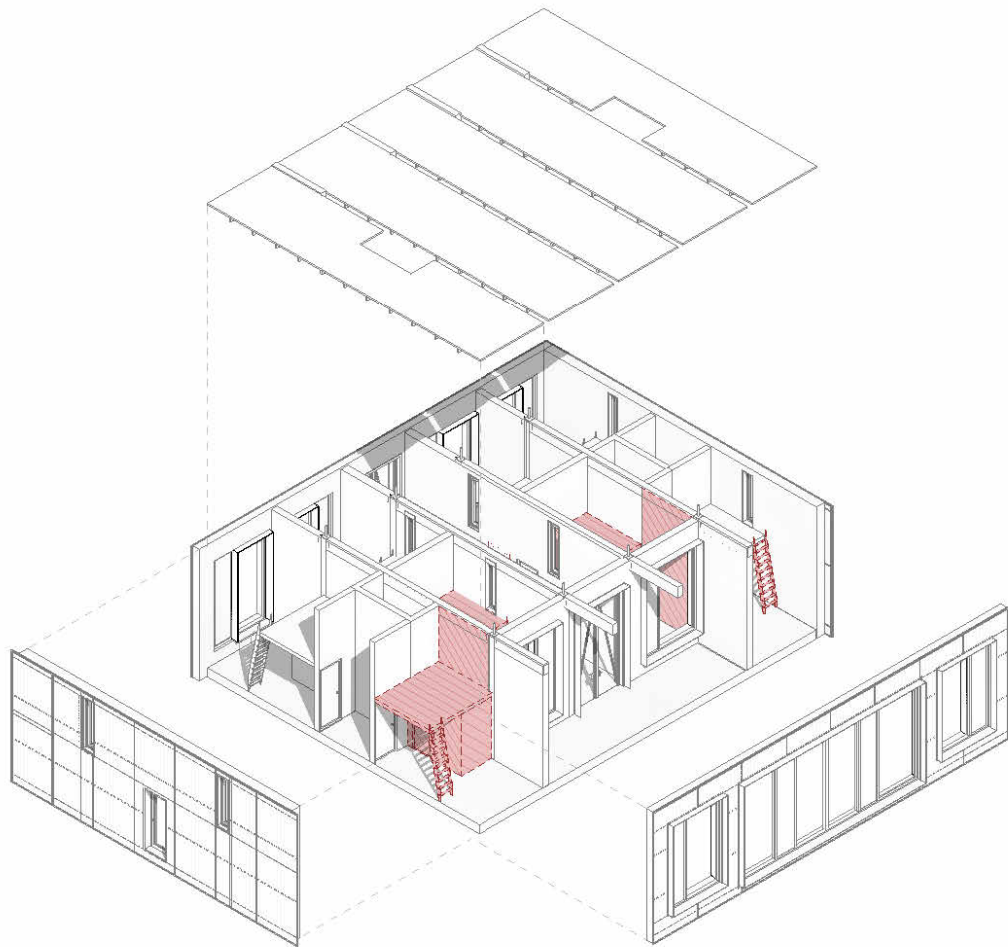


Level 2.5

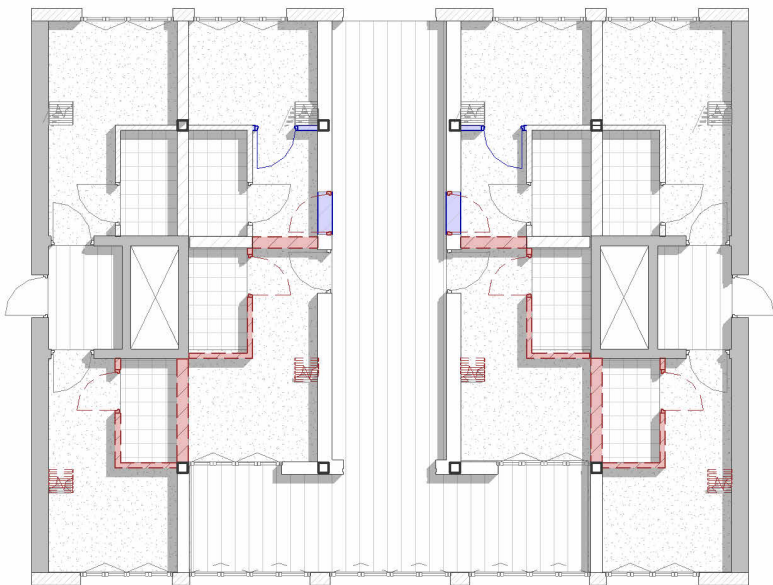


Level 2

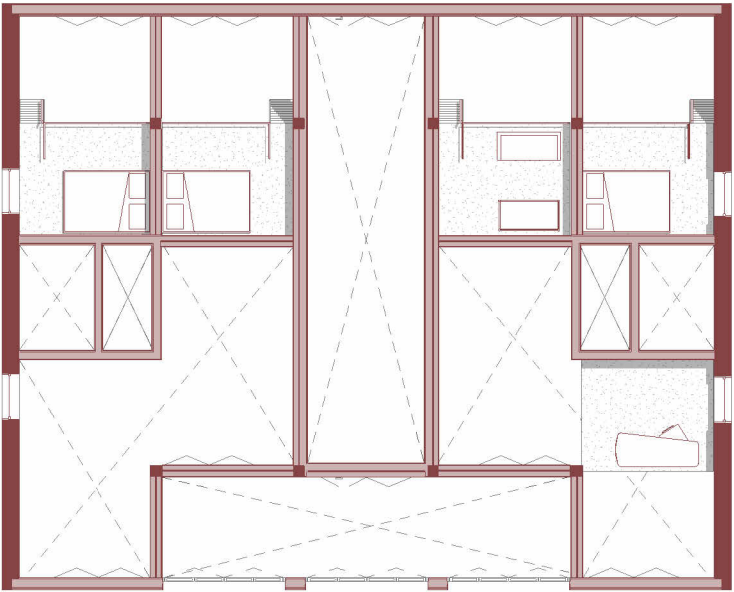
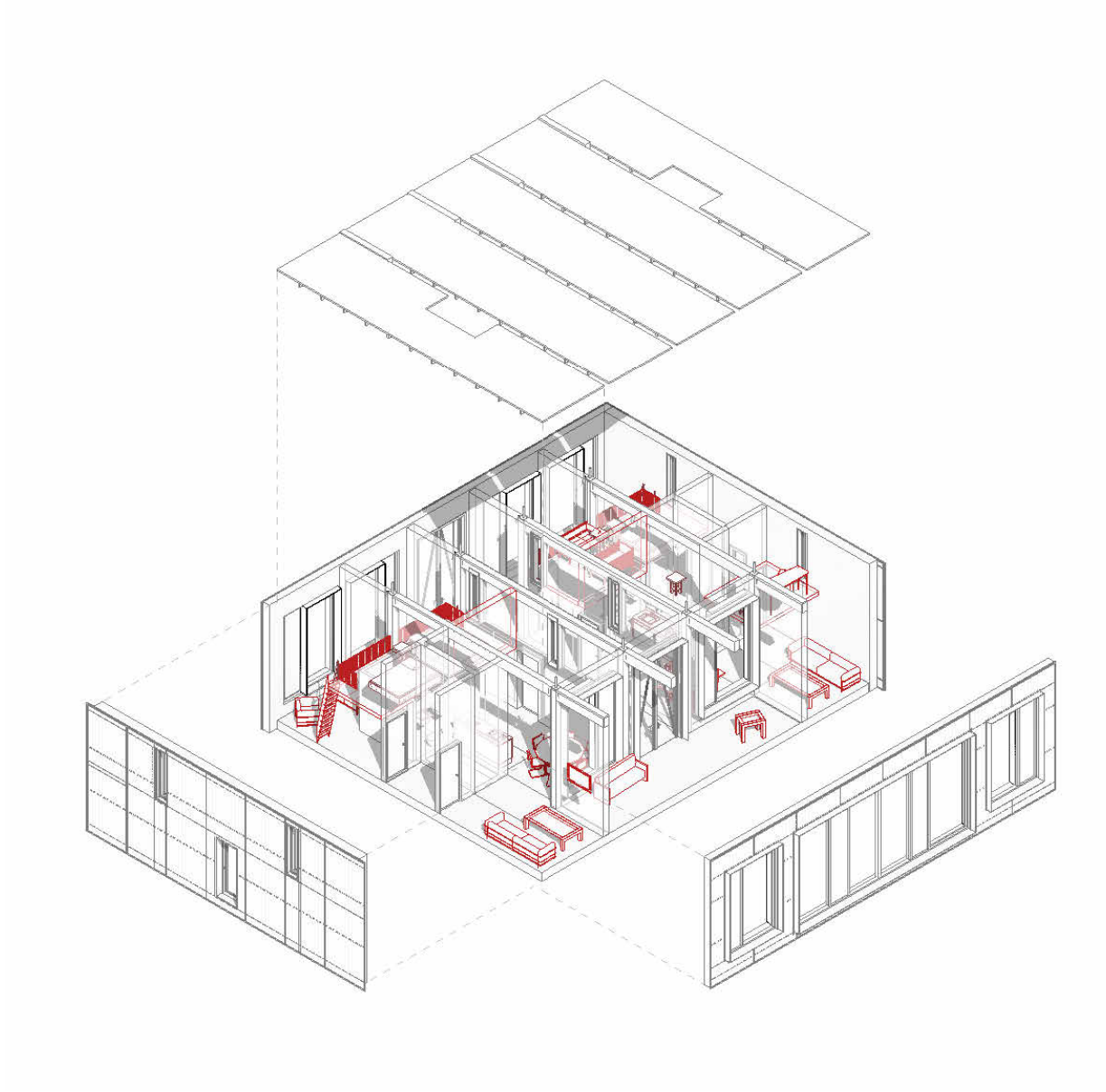




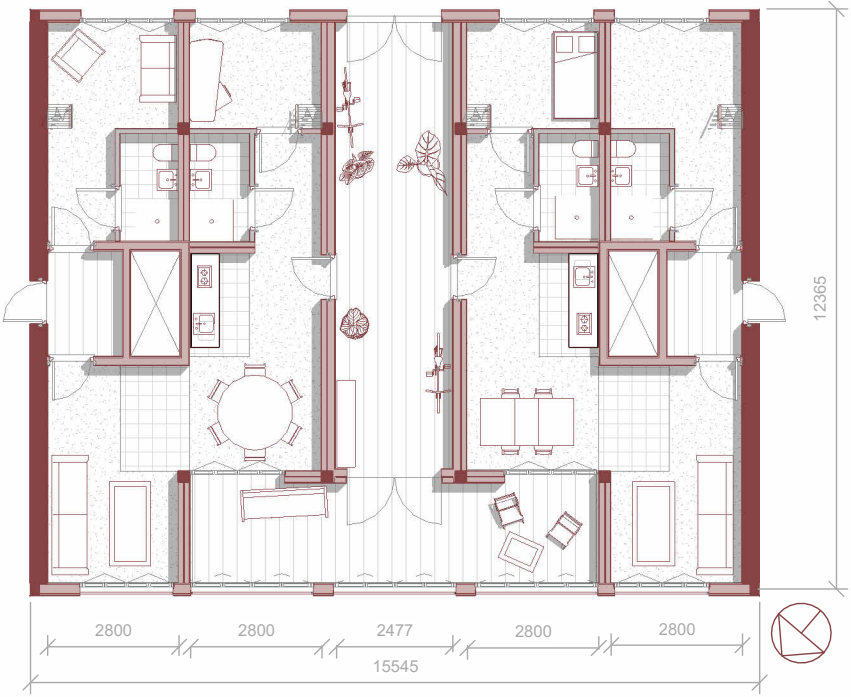
Level 2,5



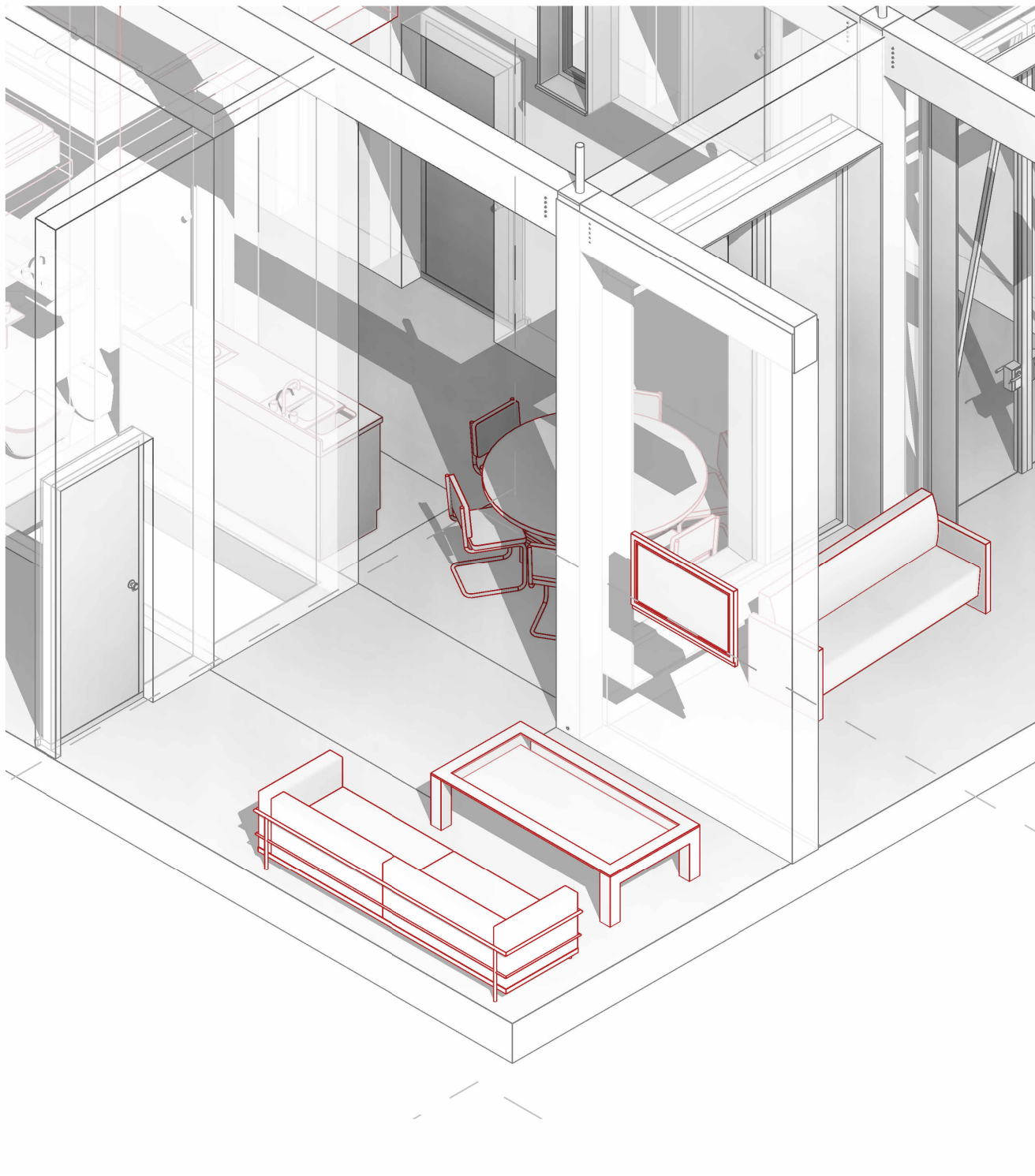
Level 2

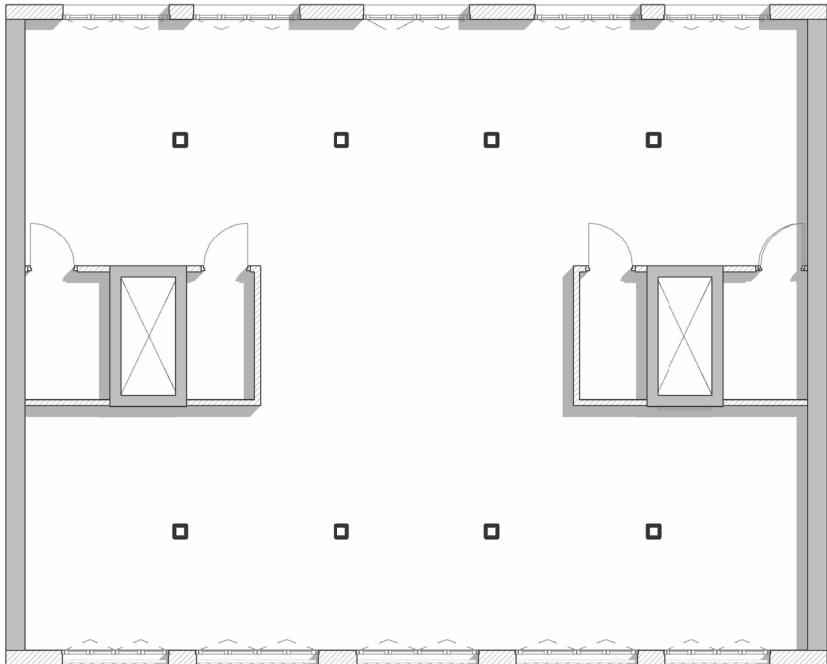
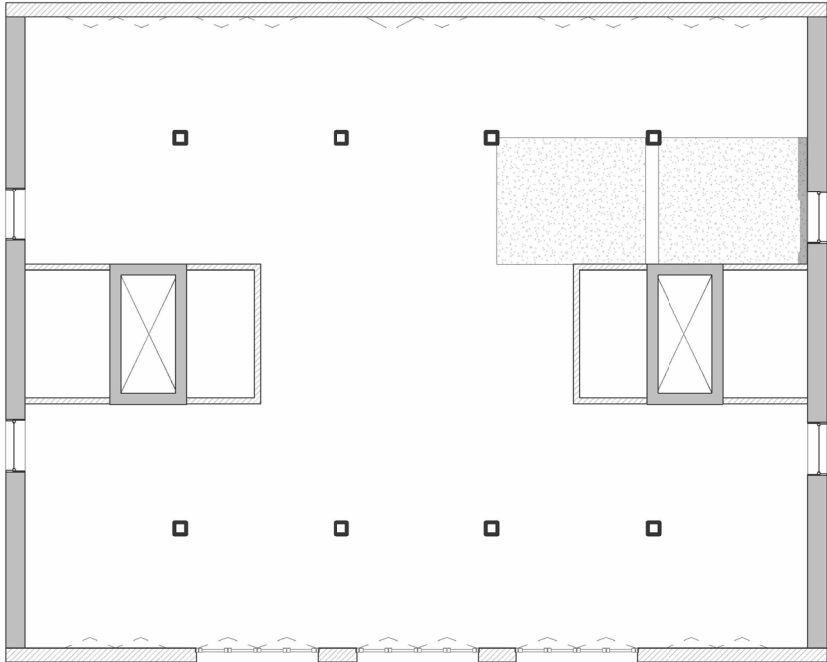
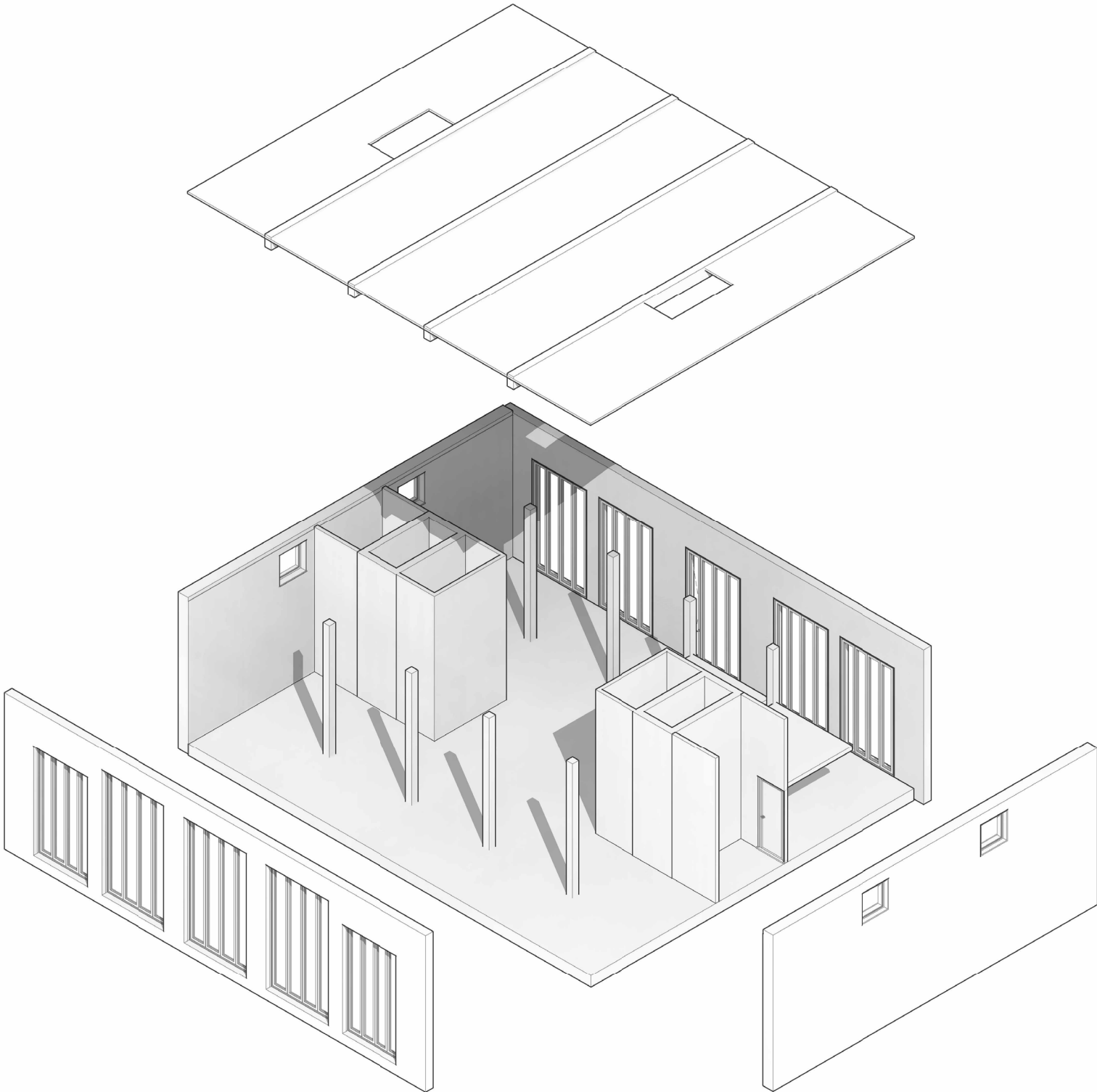


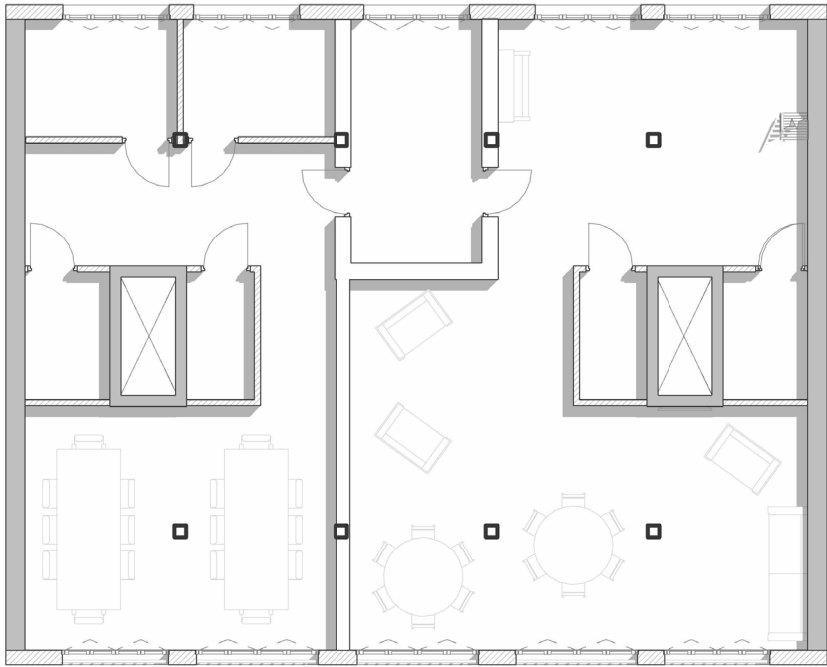
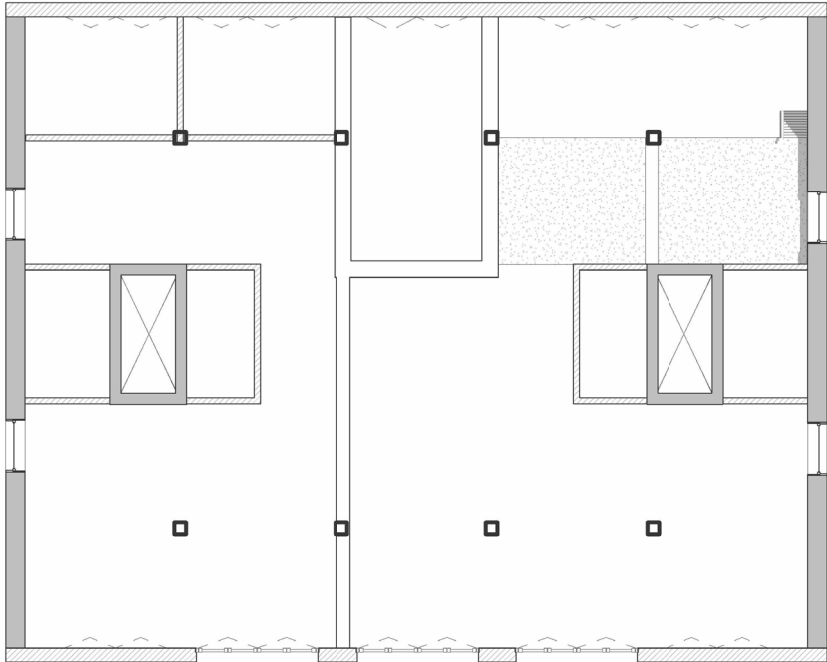
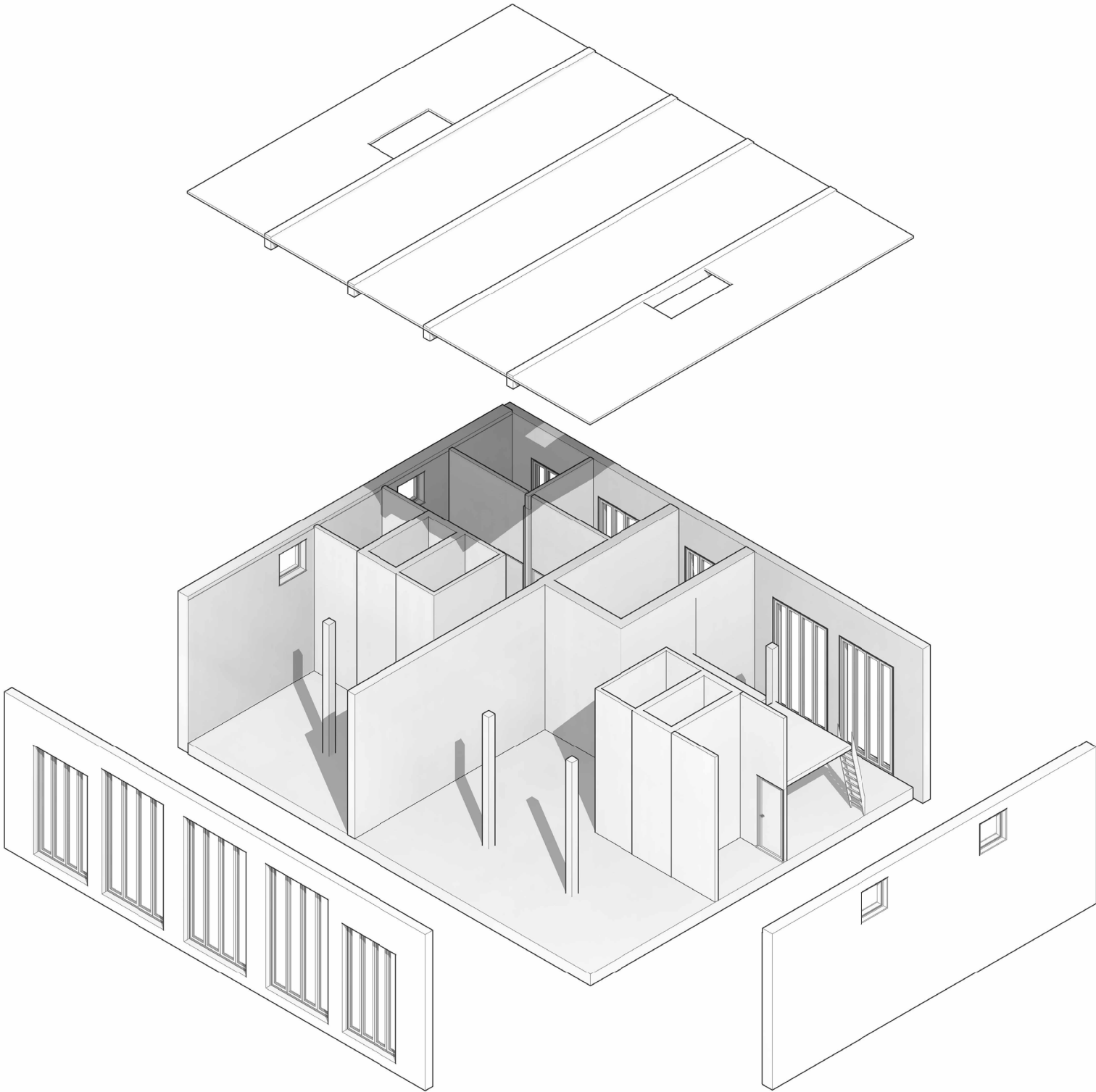
Level 2,5

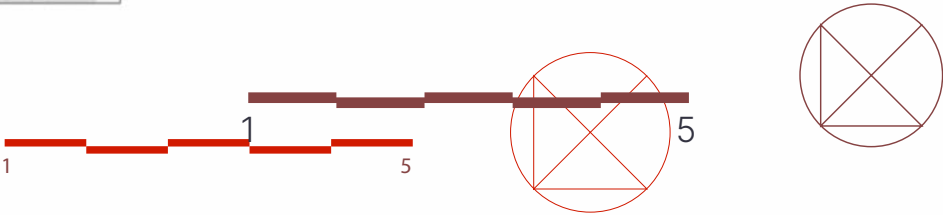
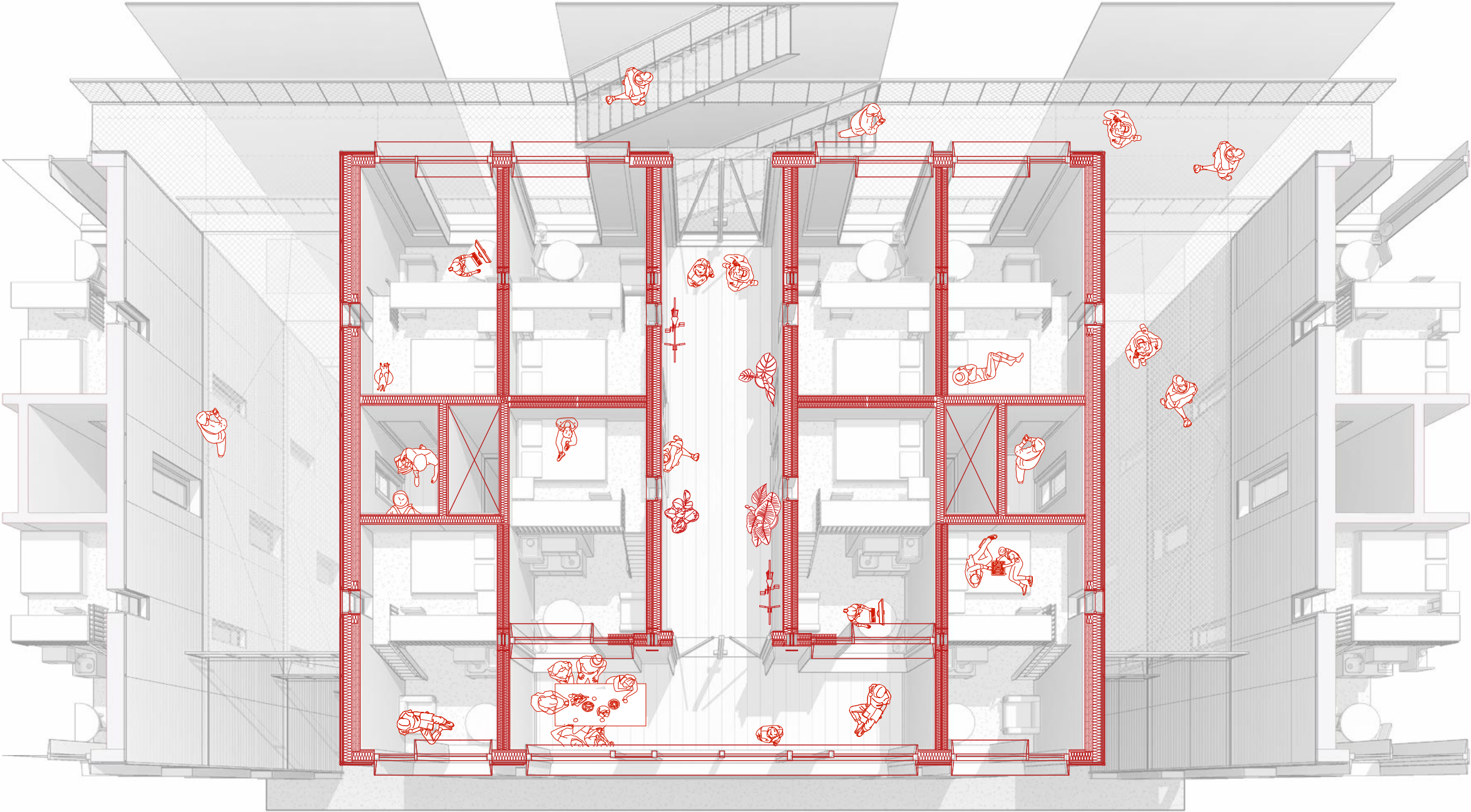


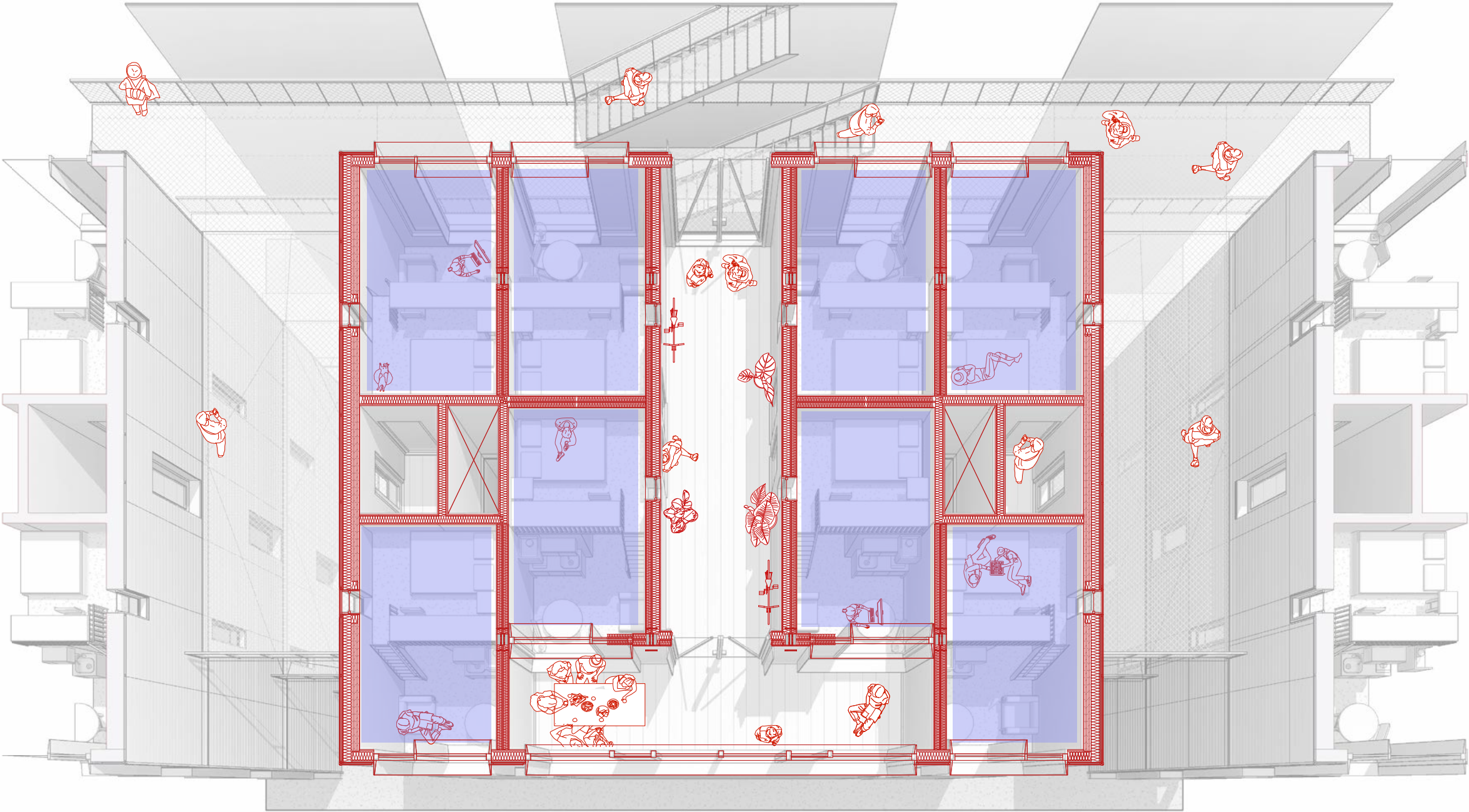
Level 2



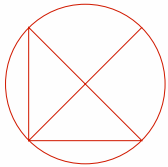




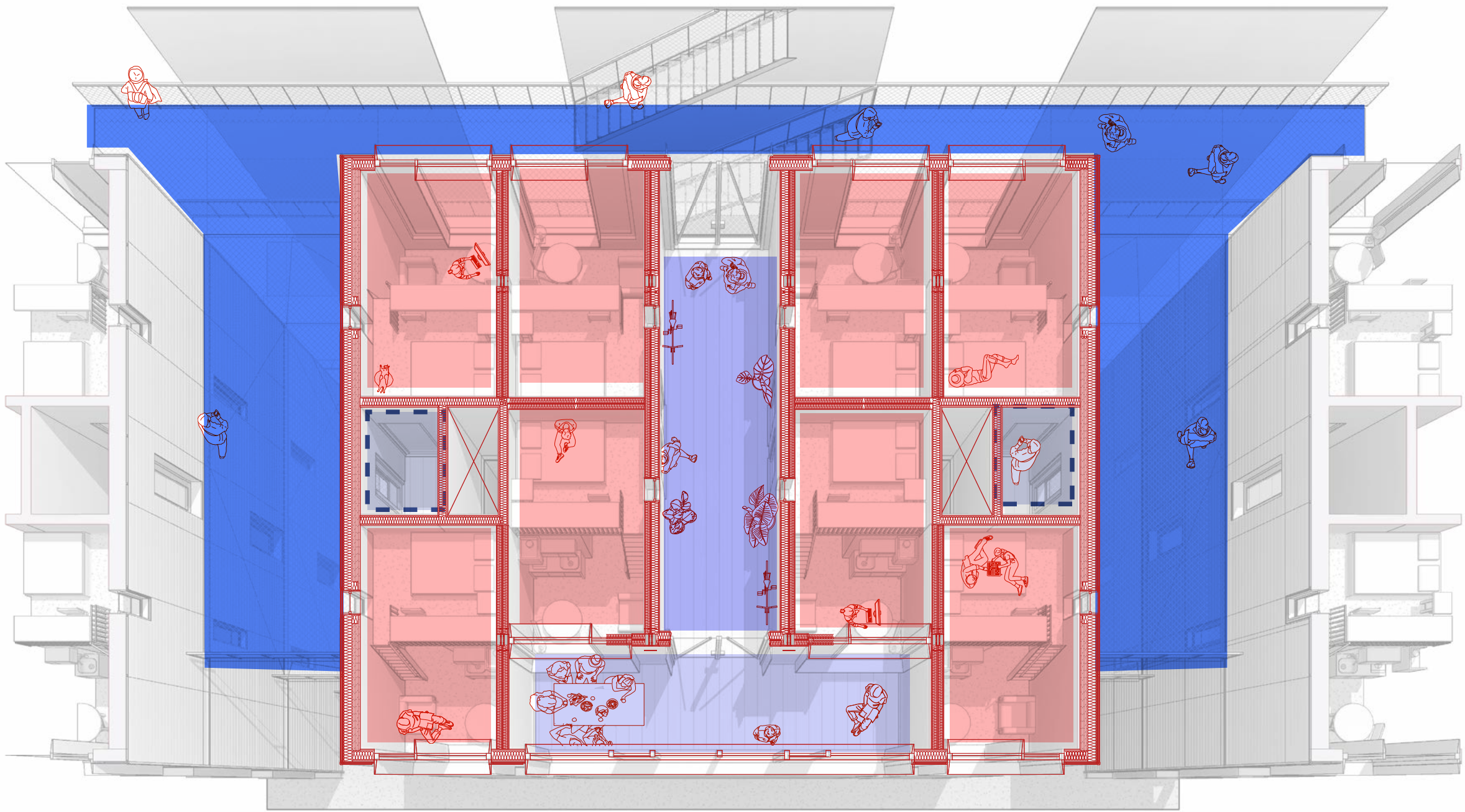




1 5







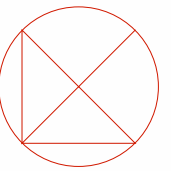
Private

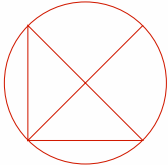
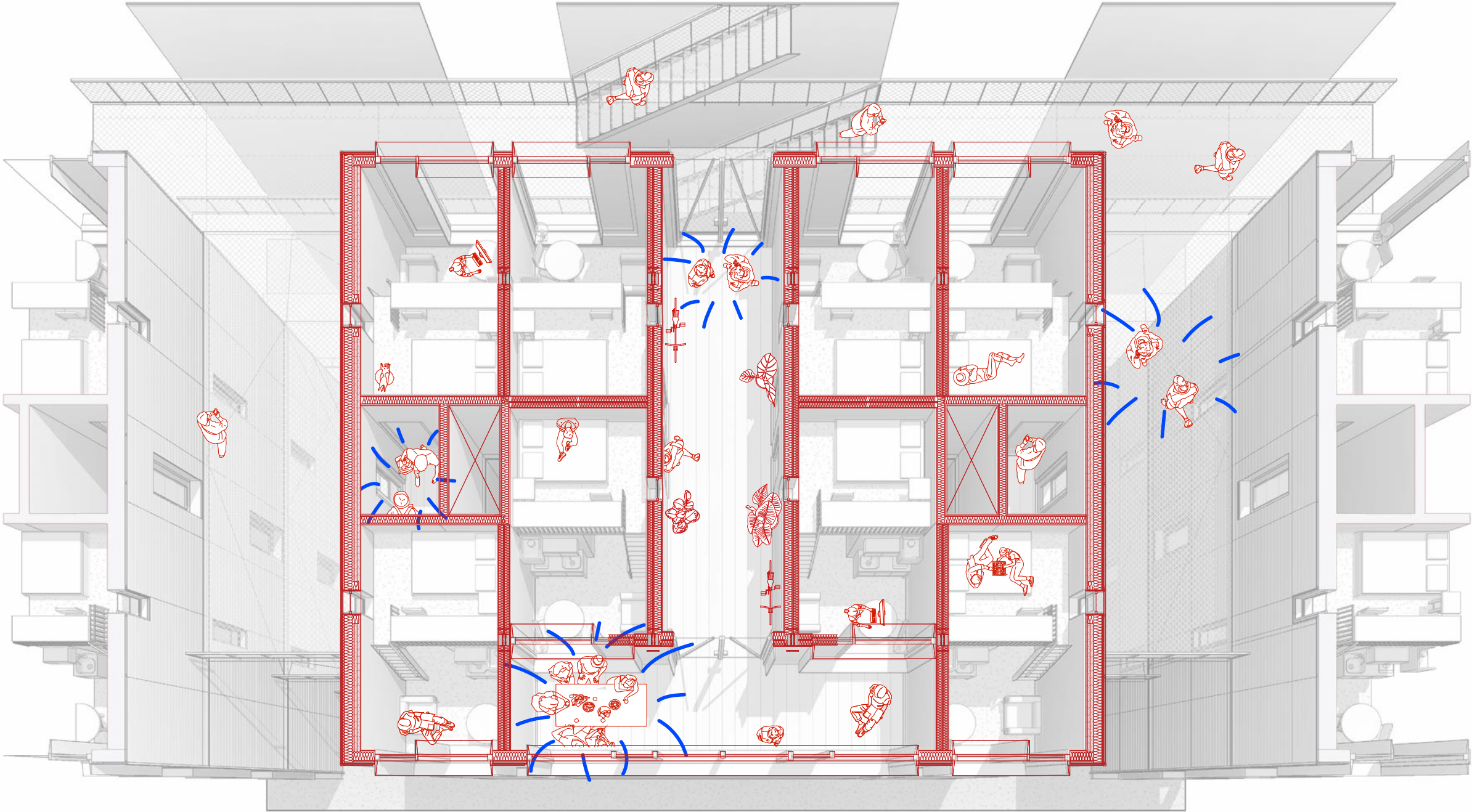
Transitional

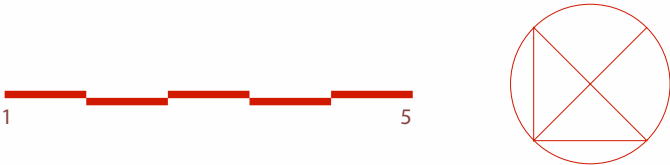
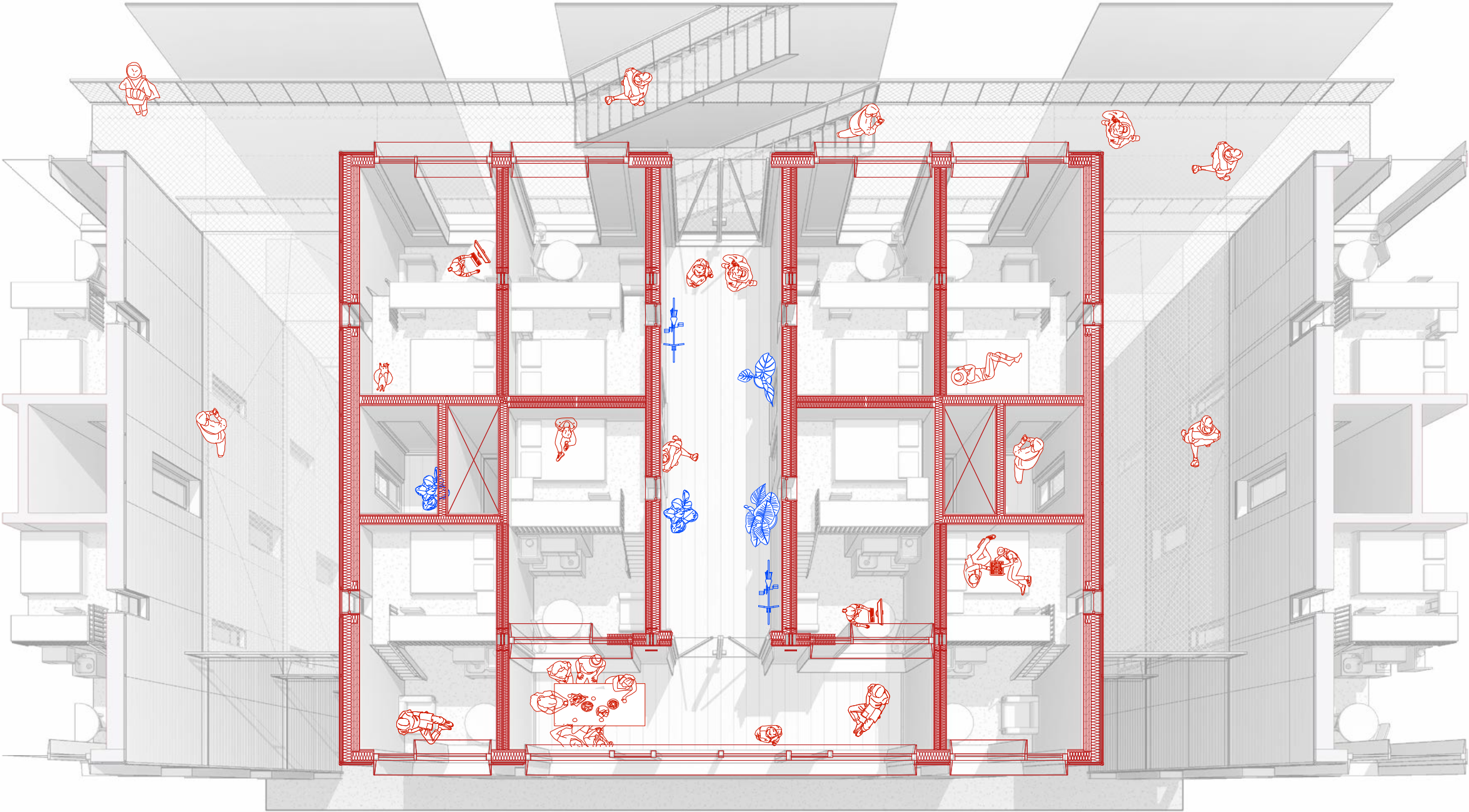
Collective

Public

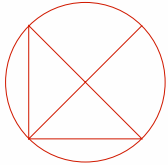
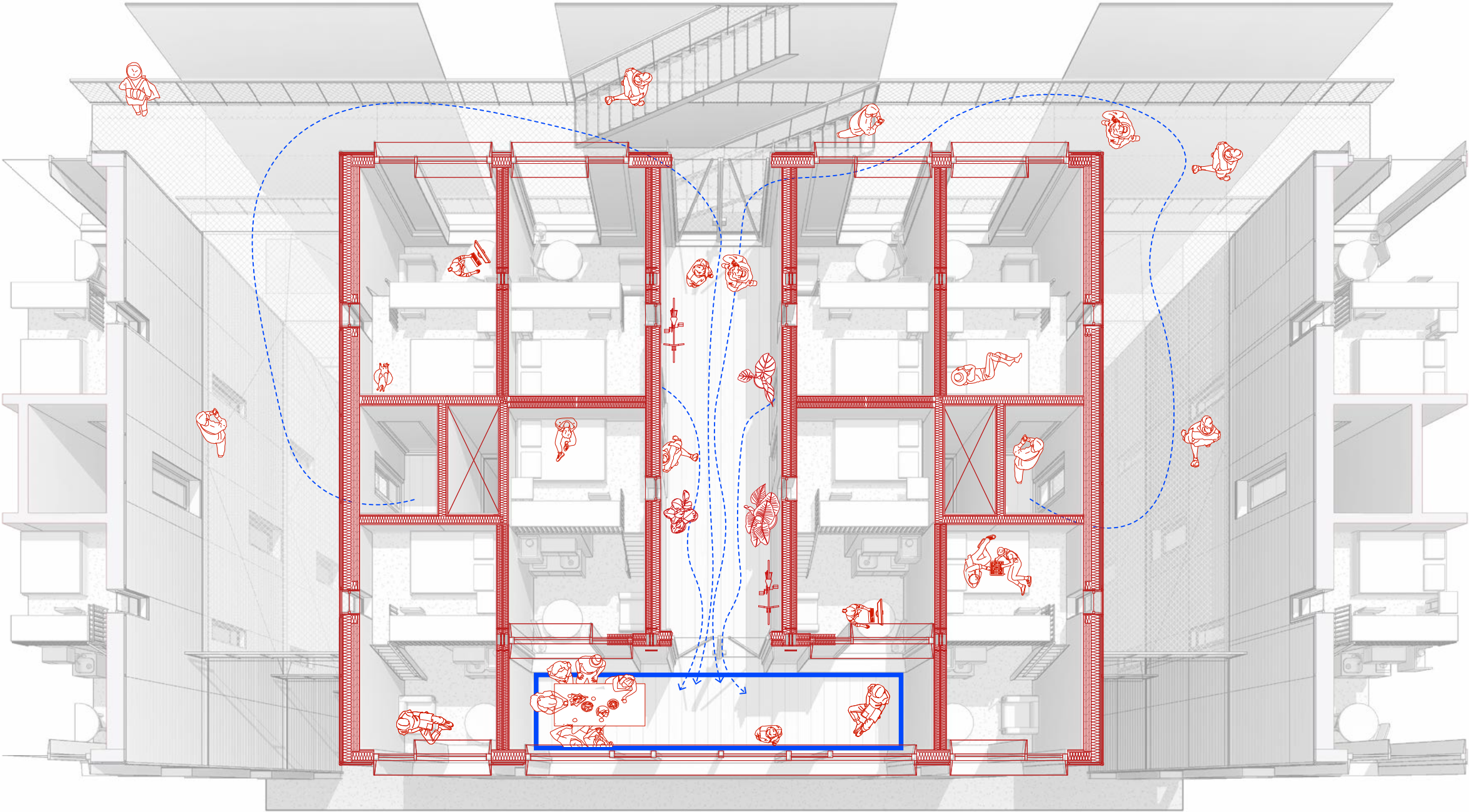
1 5



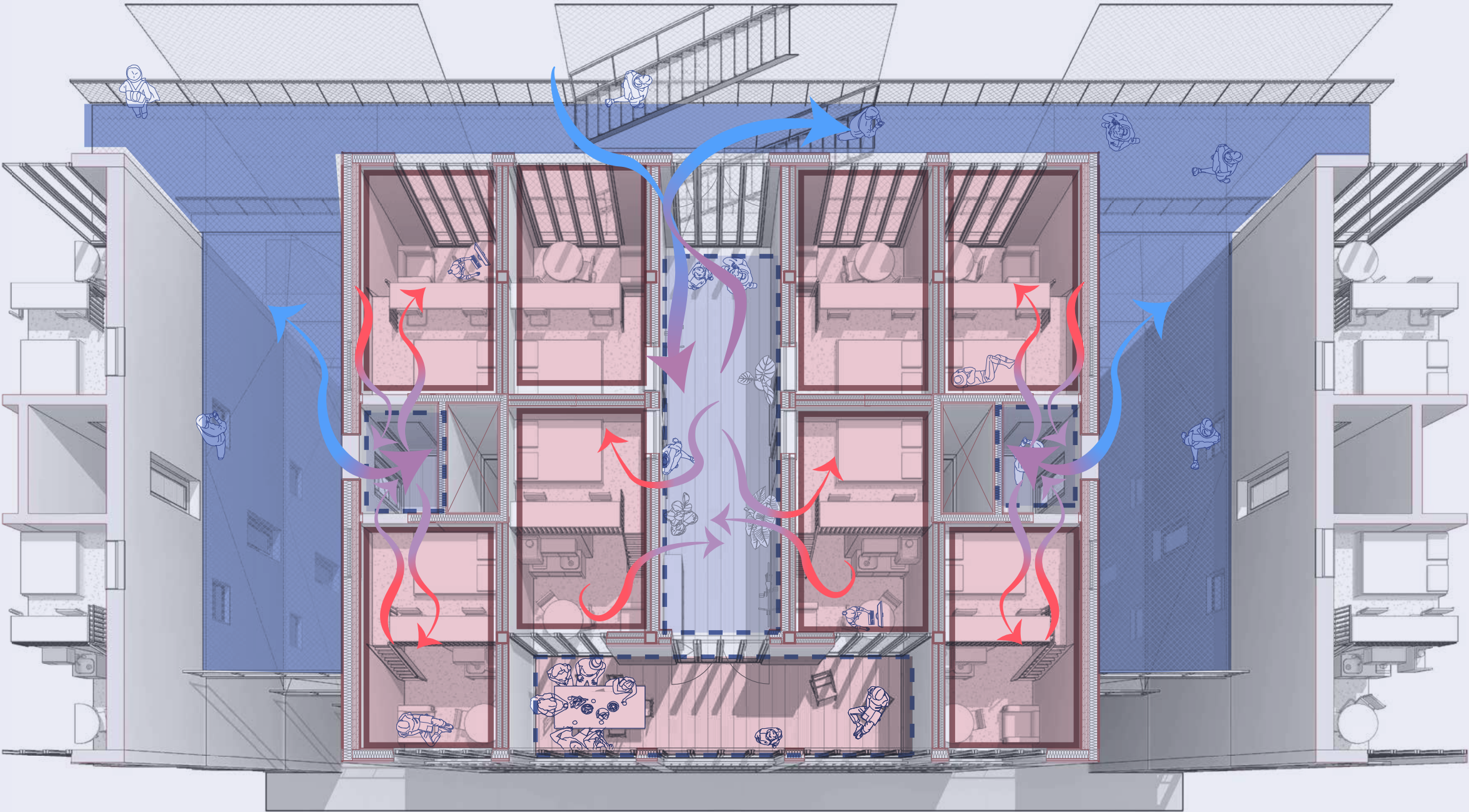












Heated private



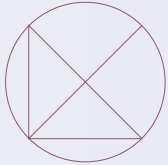
Insulated non-heated transitional

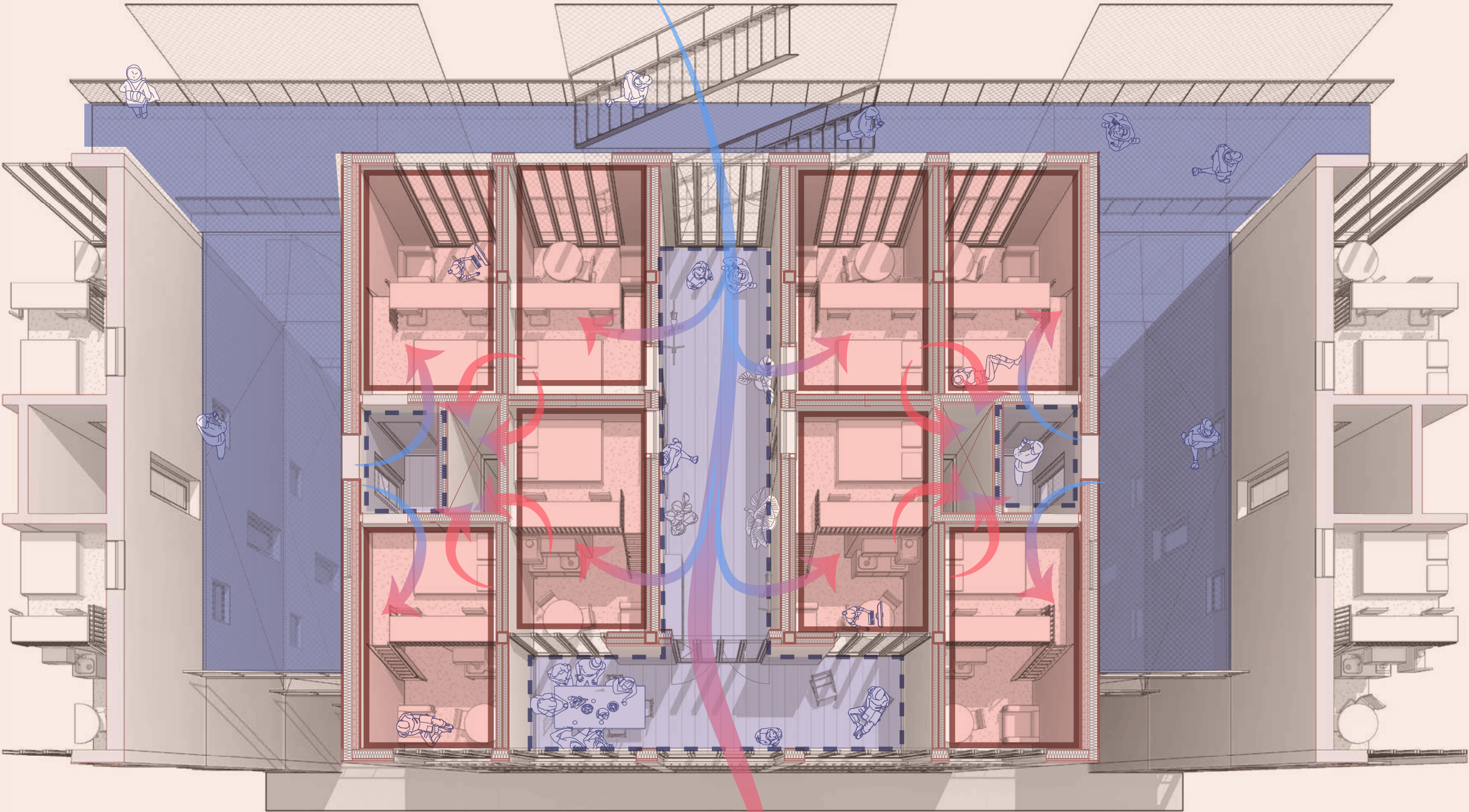


Heated collective



Outdoor public

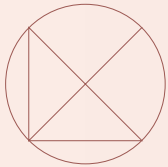


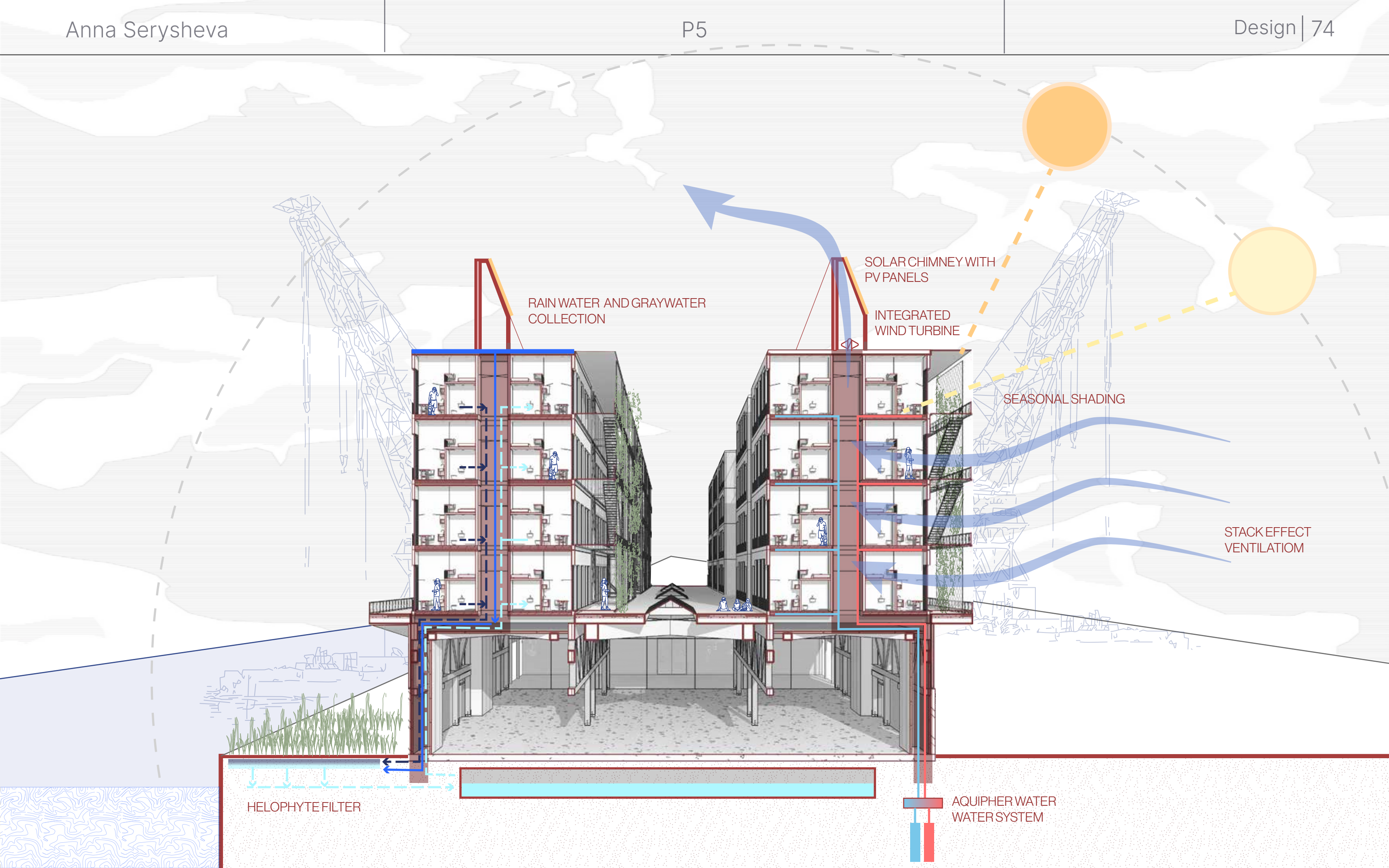


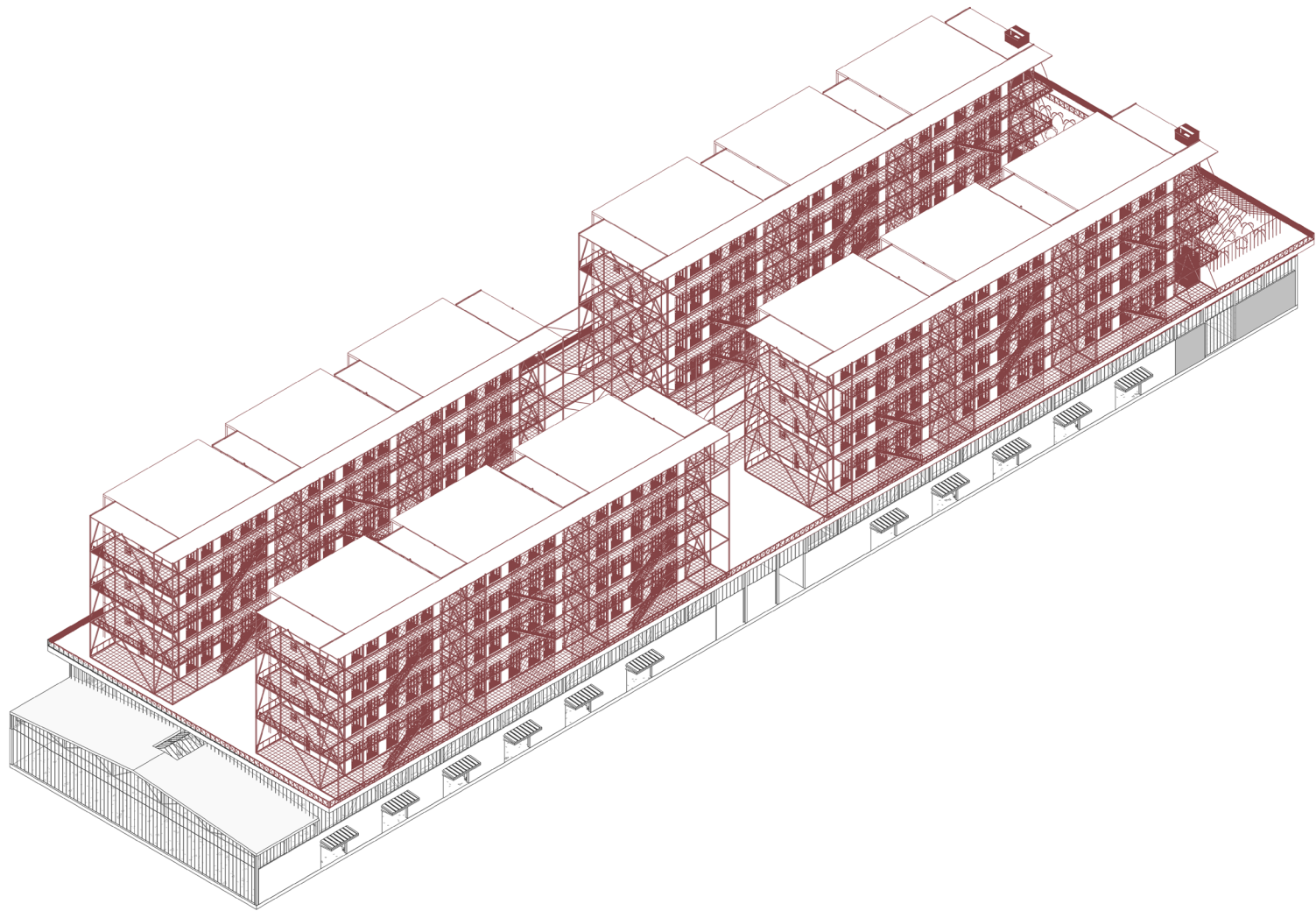
Indoor private

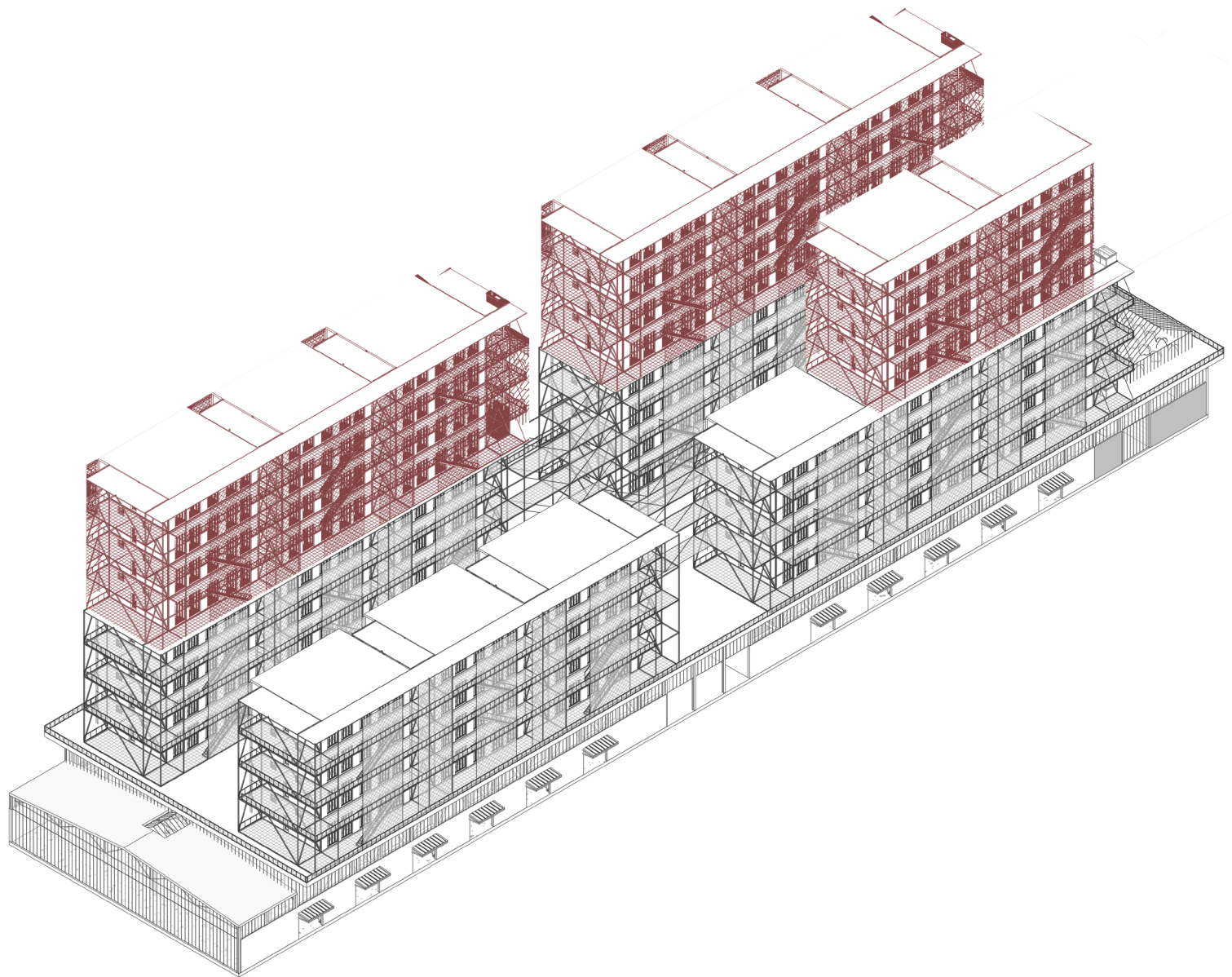
Collective shaded semi outdoor

Outdoor public

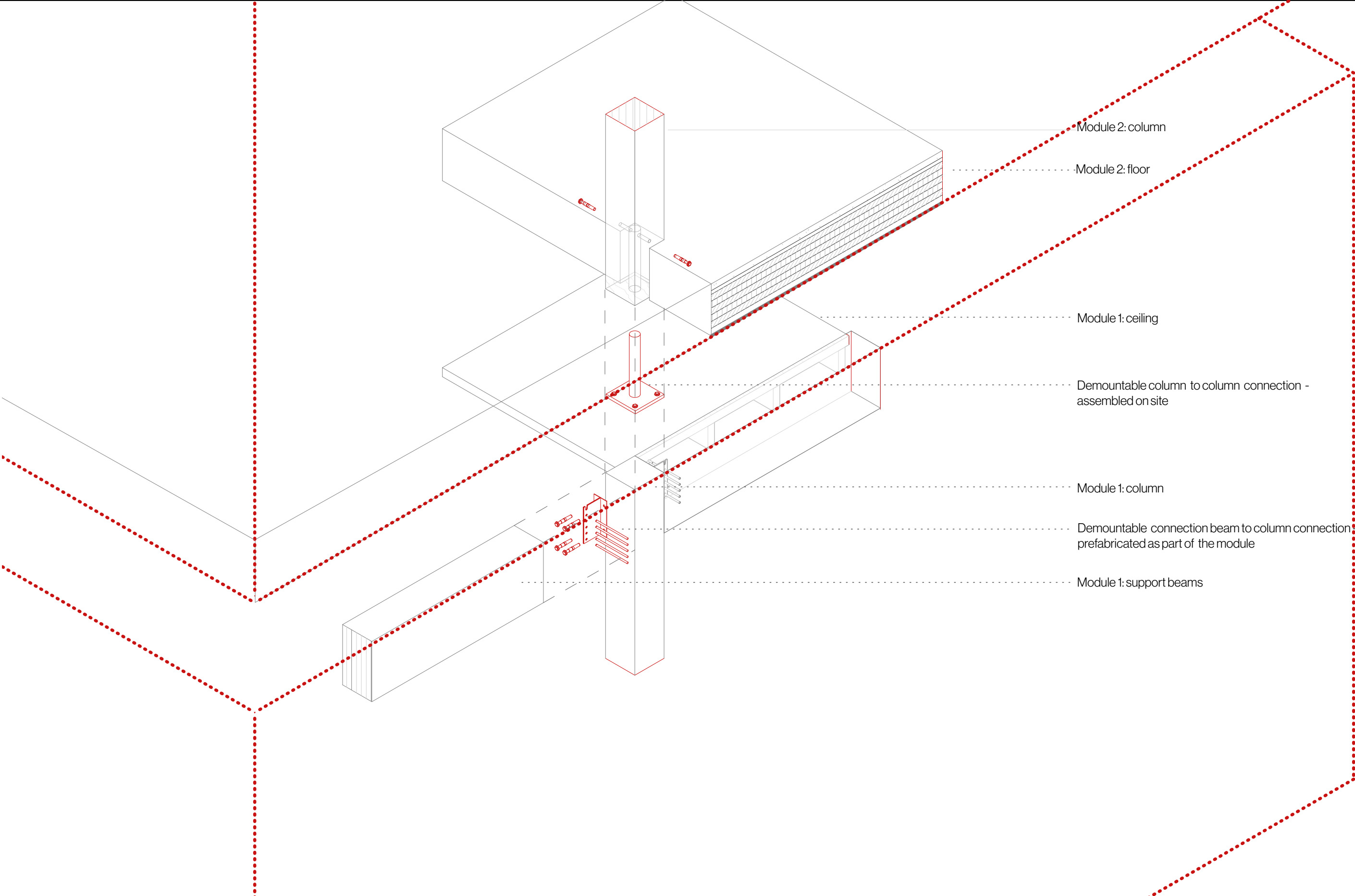


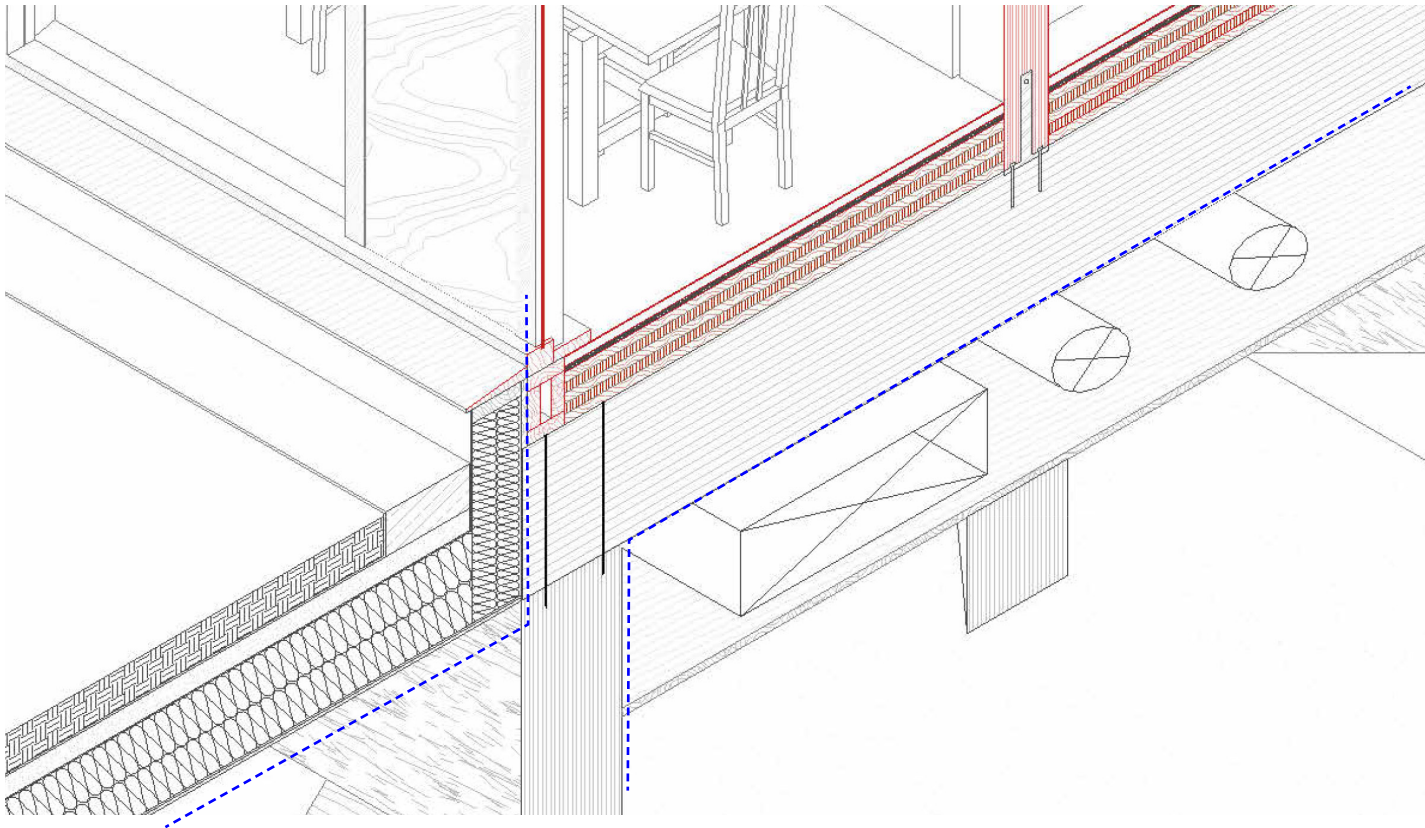
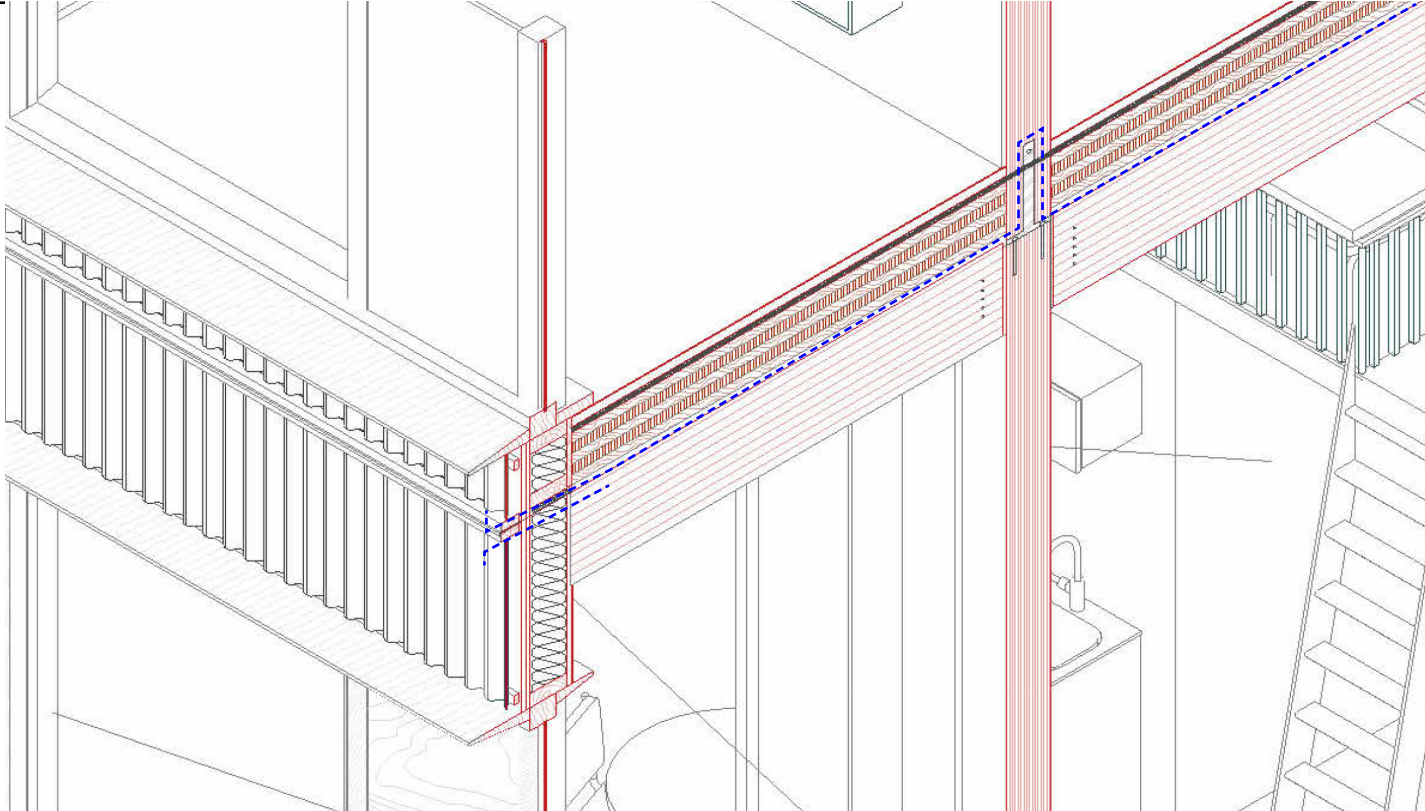
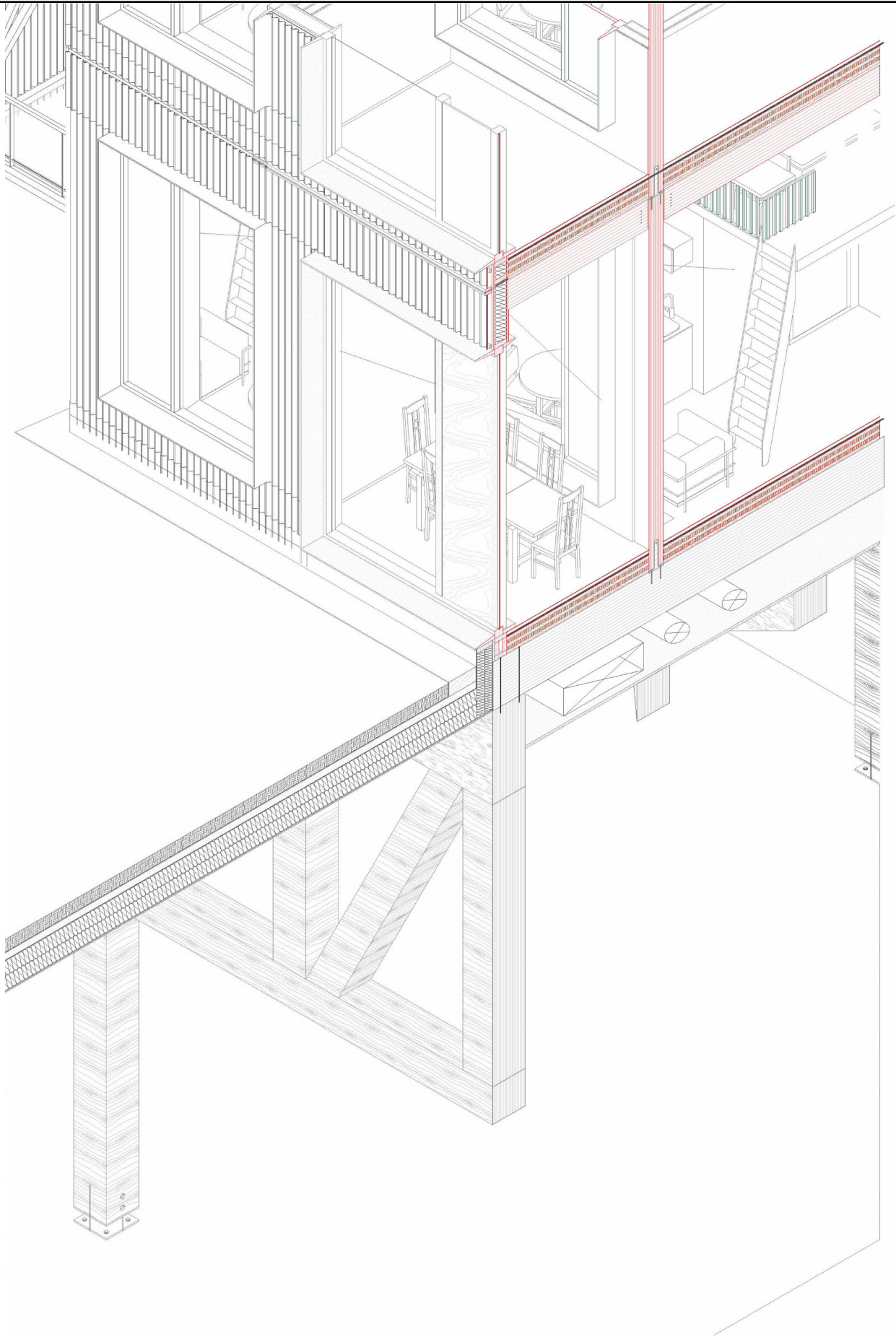






POSSIBILITIES OF ONE MODULE





Phase 1

48 Modules

368 student residences

Phase 2

80 modules

160 family residences

Phase 1

Phase 2

48 Modules

80 modules

368 student residences

160 family residences

6800 m2 of flexible commercial space

2720 m2 collective green space

705 m2 collective covered space



