



UNIVERS-CITY

YASMIN ALLAOUZI, NILOOFAR AMINI, PAULIEN BEECKMAN, PAULINE HAROU, AHMED ROSHDY SOLIMAN & ALEXANDRE ROVERE

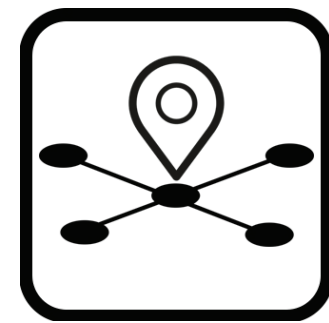


PROJECT APPROACH

VISION FOR FUTURE CAMPUS



LINKING TO THE CITY



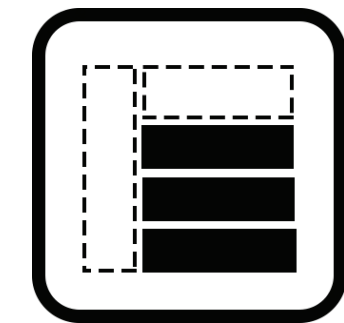
MOBILITY
(SUPERQUADRA)



ENERGY



LANDSCAPE AND
ENVIRONMENTAL
DEVELOPMENT



SYMBIOSIS AND
BUILDING
DEVELOPMENT

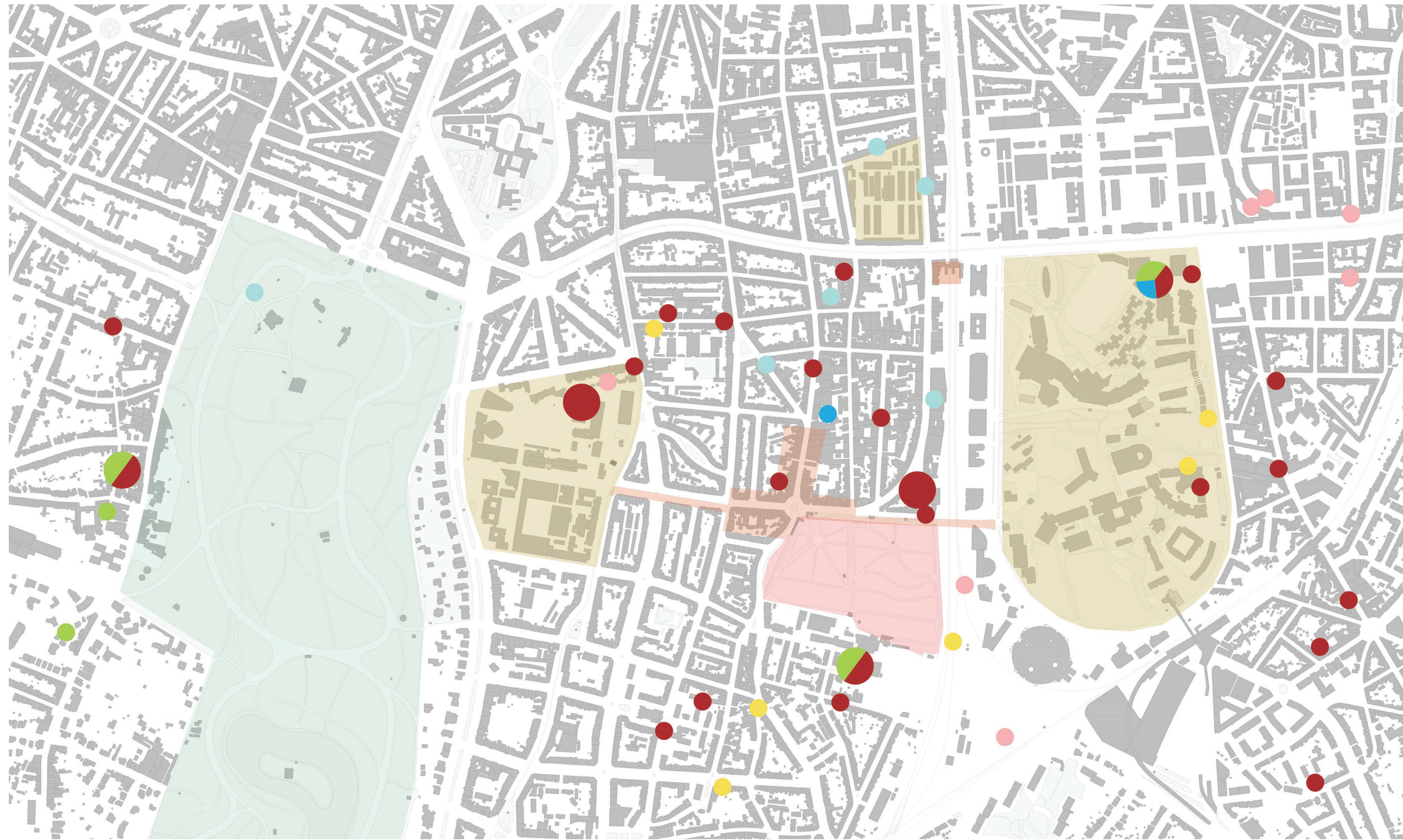
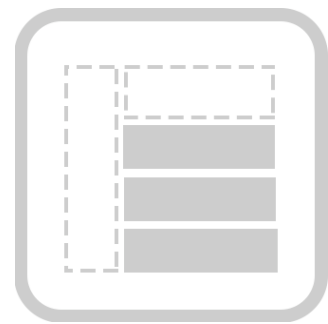
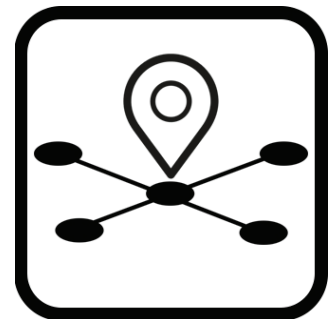
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

CONNECTION TO THE CITY



- Indoor sport
- Cultural center
- Theater and movie theater
- Swimmingpool
- Outdoor sports
- Museums and library
- Bois de la cambre
- PRDD plan
- Ixelles cemetery and avenue de l'Universi
- Protected
- Plaine campus and casernes
- Solbosch campus
- Etterbeek station

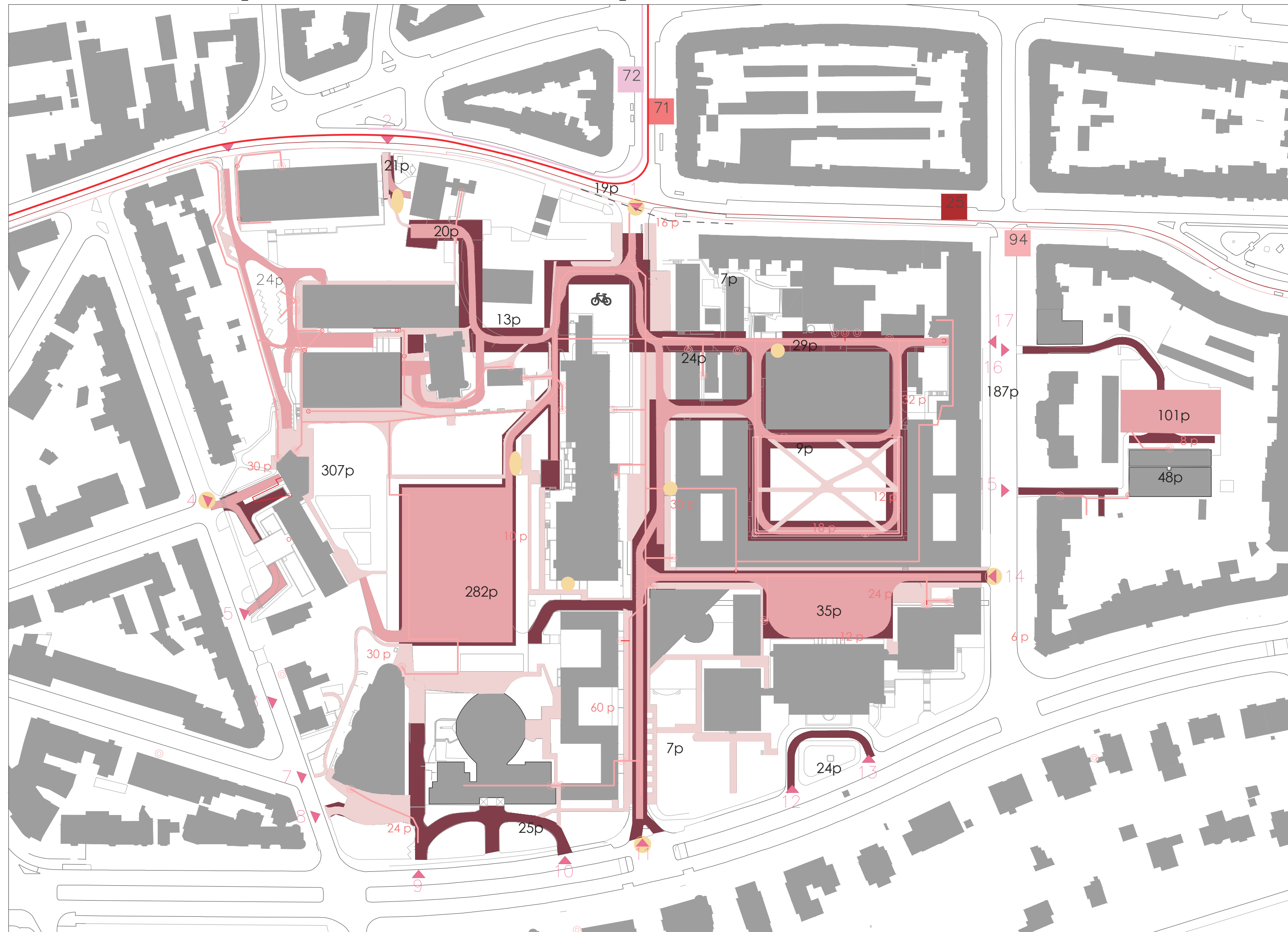
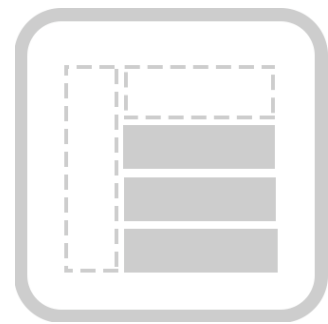
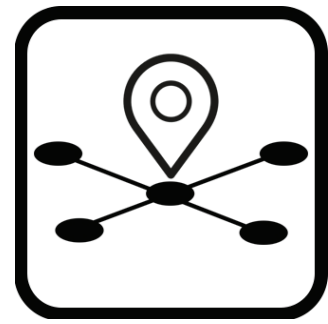
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

MOBILITY (SOLBOSCH)



Legende

- Cars
- Firetruck
- Pedestrians
- PMR
- 282p Parking spaces car
- Secured parking spots bike
- Parking spots bike
- Bus 72
- Bus 71
- Tram 25
- Tram 94
- Primary delivery spots
- Secondary delivery spots
- Accesspoints campus
- Accesspoints deliveries

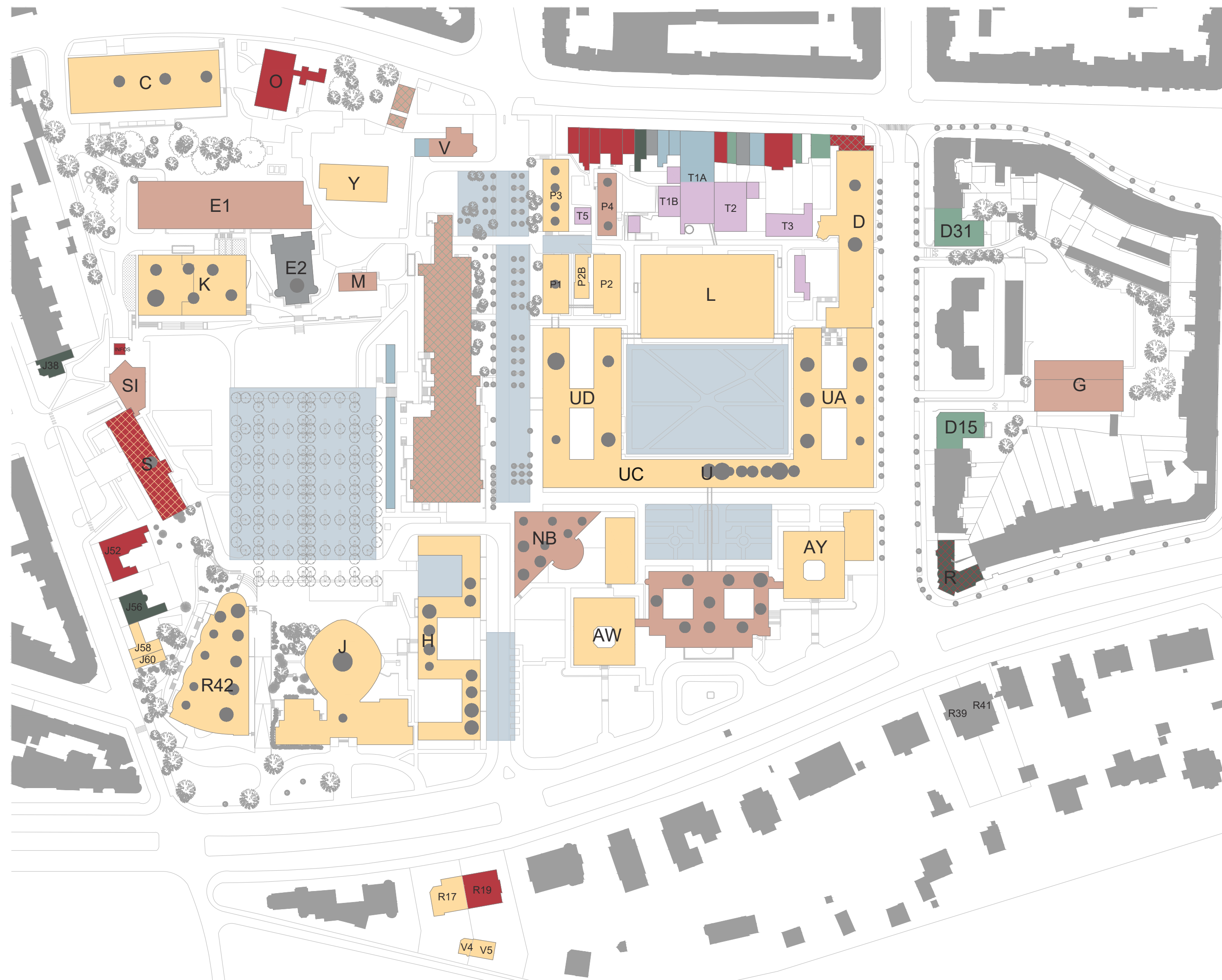
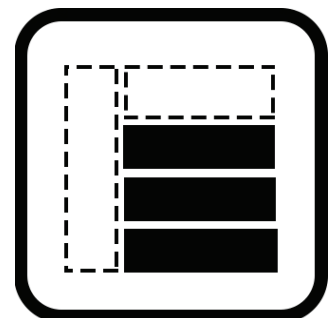
VISION

ANALYSIS

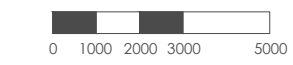
MASTER PLAN

DETAILED PROGRAM

CURRENT PROGRAM



Scale 1:1000



Legende

- Administrative function
- ASBL
- Studentgroups
- Community services
- Education, research
- Studenthousing
- Technical spaces
- Public spaces

● 1000-1400
● 300-1000
● 100-300
● 50-100
● 0-50
 Number of rooms available to rent



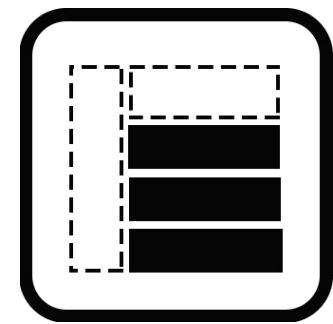
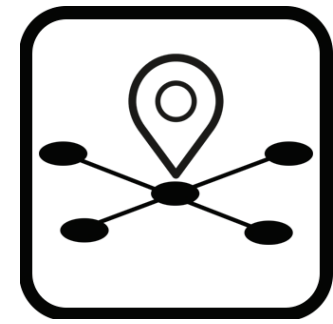
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

HISTORY

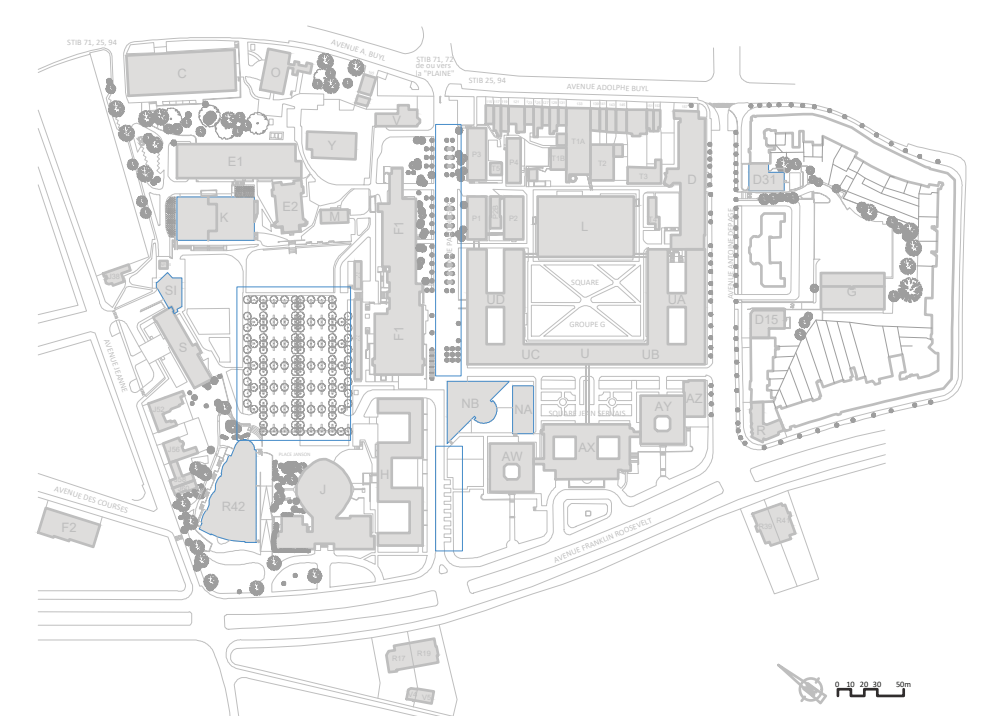
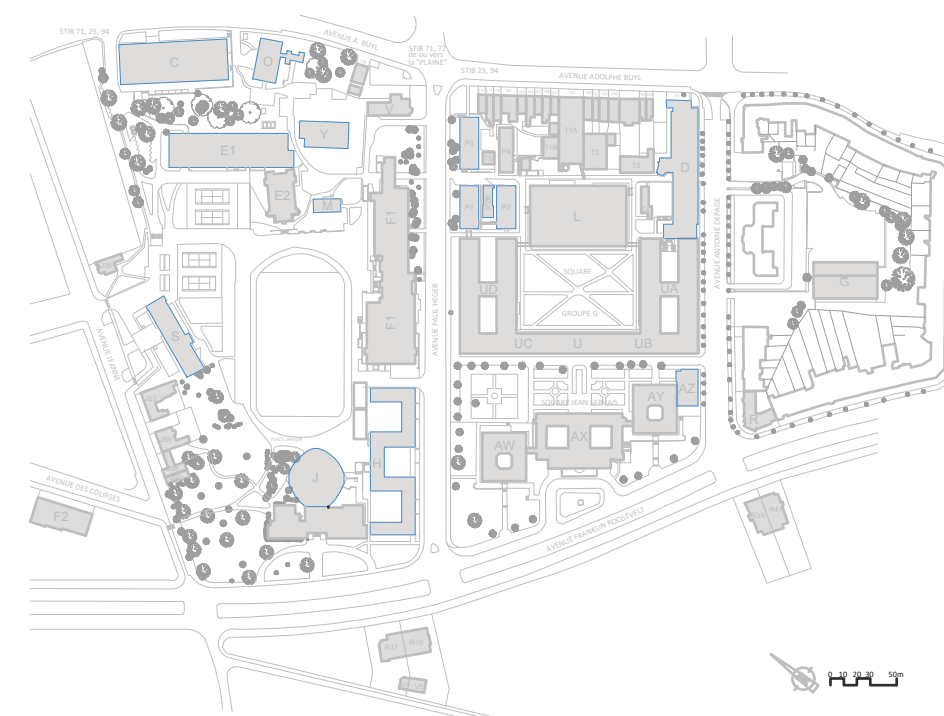
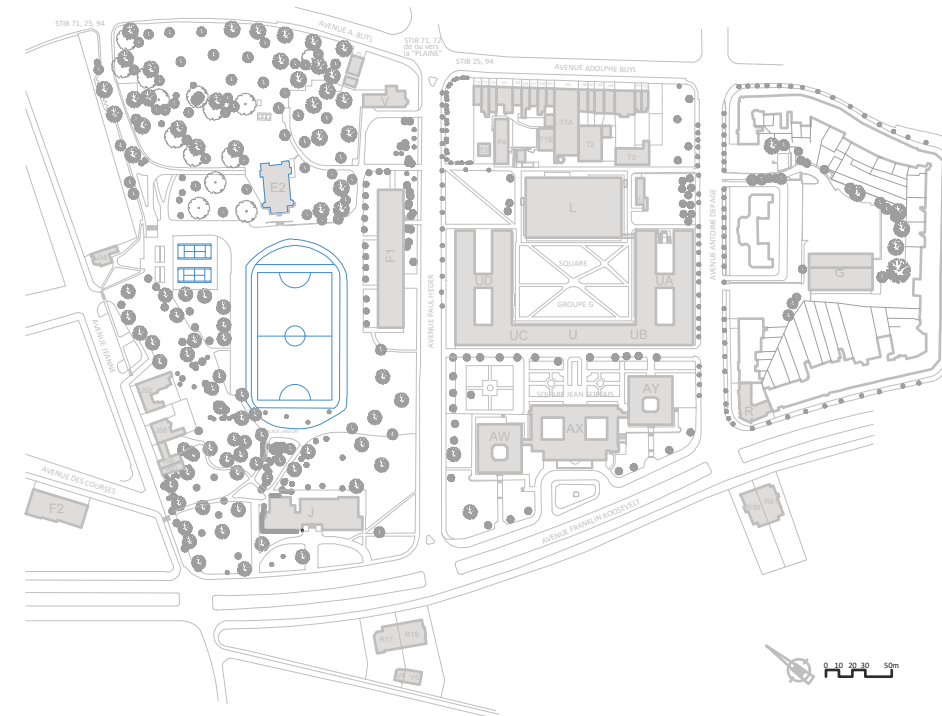
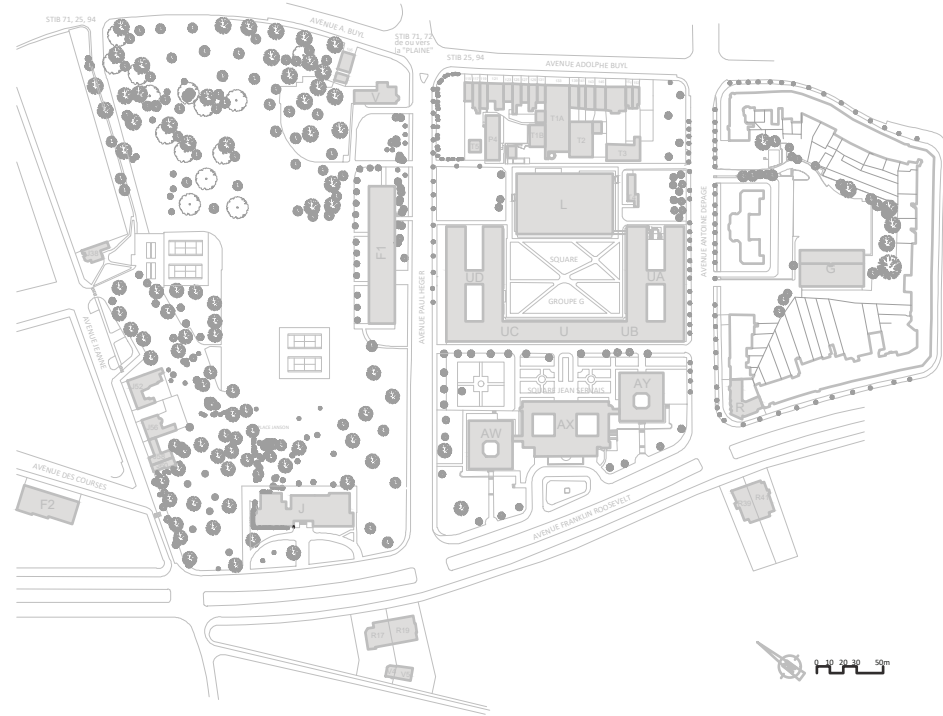


1930-35

1944

1958-71

1992-2020



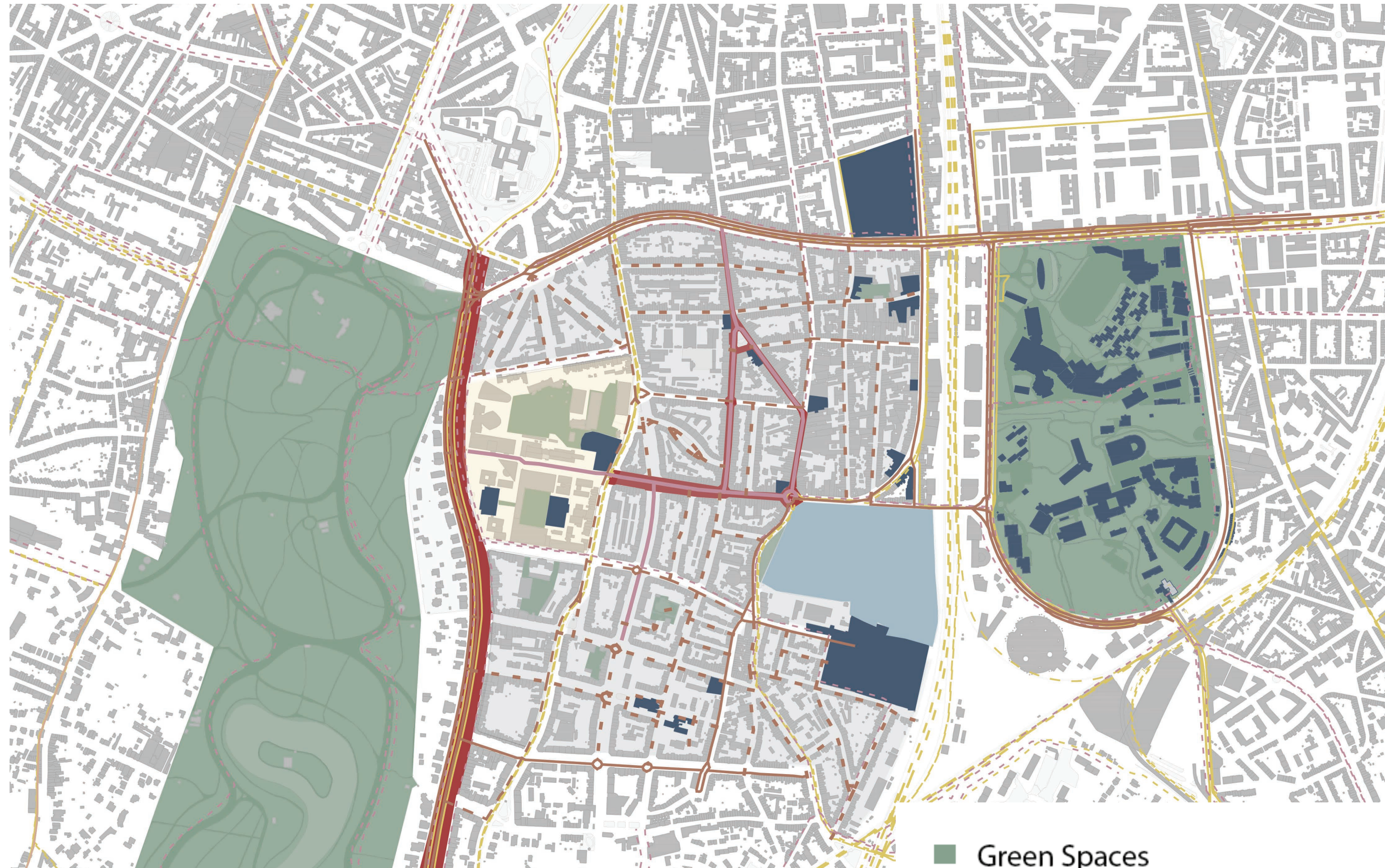
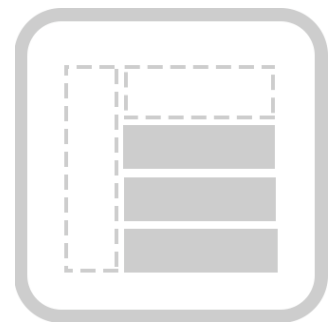
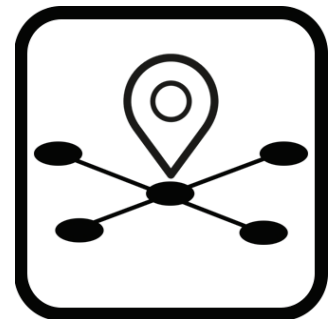
1910 : Exposition internationale à bruxelles.
 1922 : The U building.
 1923 : The A building.
 1928 : The J bulding, R39/41.
 1934-35 : The F1.

1936 : Ei building.
 Football field
 Tennis fields
 Ei building

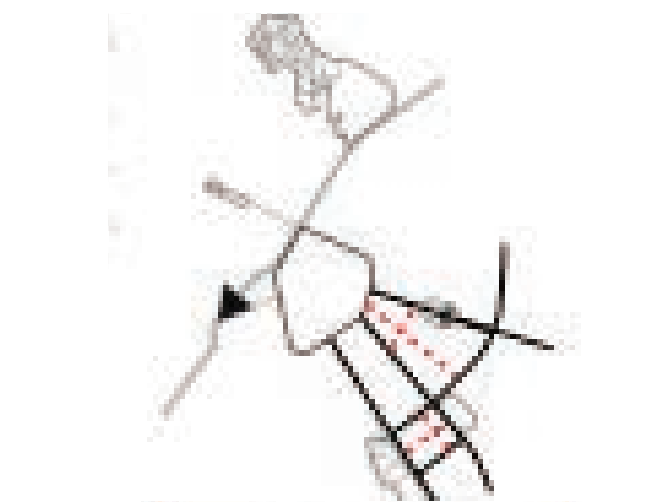
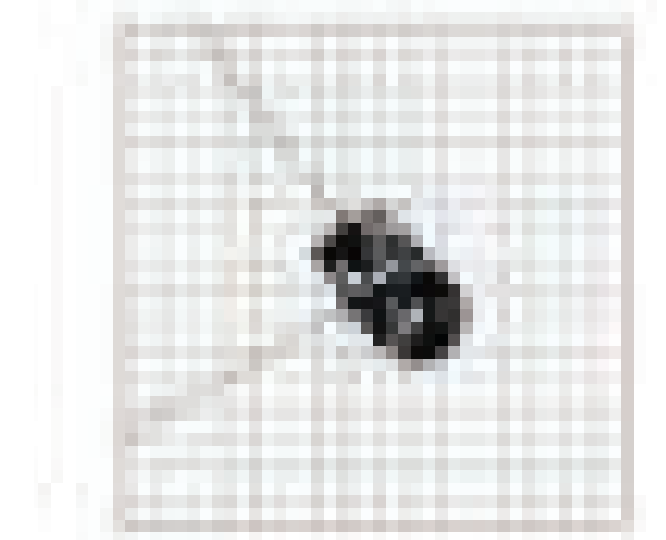
1956: J extension Auditory
 1959: Building D
 1960: Building AZ
 1963: Building S
 1971: Building H

1994: Making avenue Héger Pedes-
 trian
 1994: Library NB/NA
 2010: Building R42
 2011: Building K
 2013: Bicycle parking

BUD SCALE SUPERQUADRA BUD



- Green Spaces
- Passive area
- Transitional areas
- Active places throughout the area



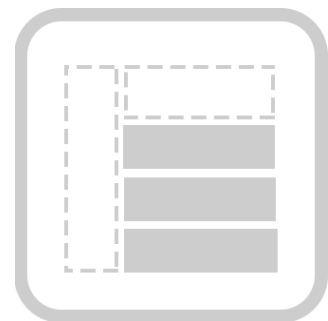
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

SOLBOSCH SCALE



DEMOLISHED BUILDINGS

Footprint: 11 526 m²

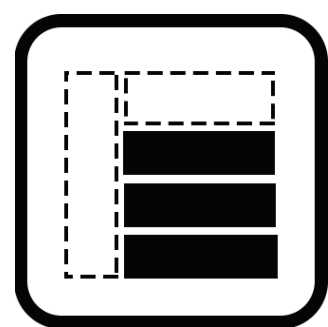
VISION

ANALYSIS

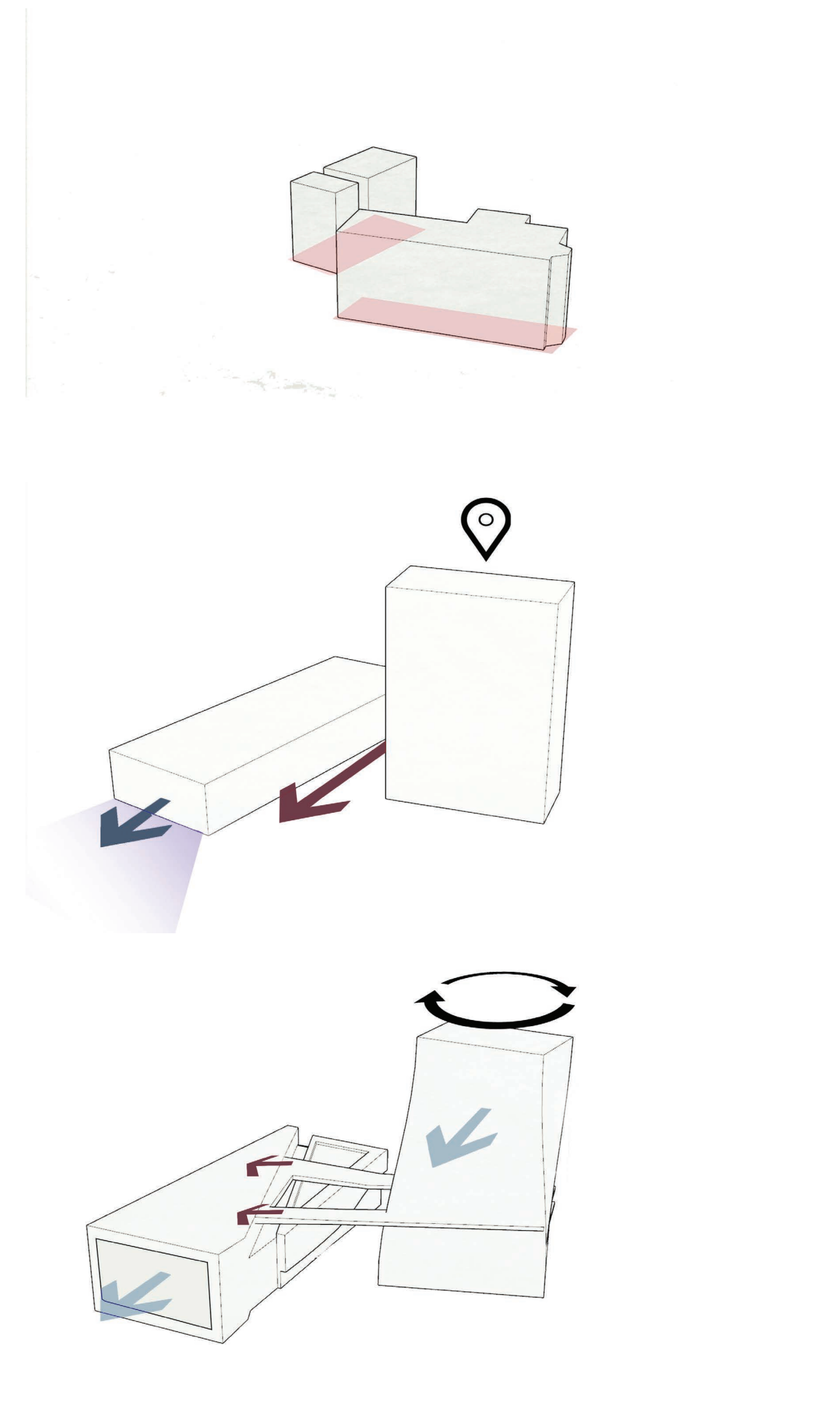
MASTER PLAN

DETAILED PROGRAM

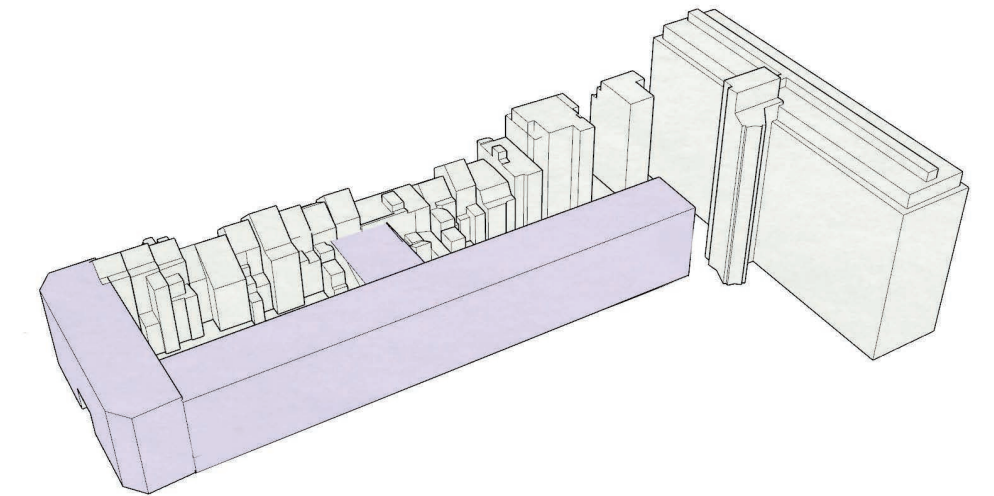
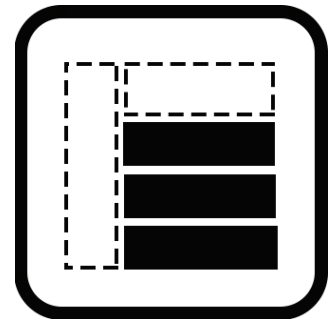
SOLBOSCH SCALE



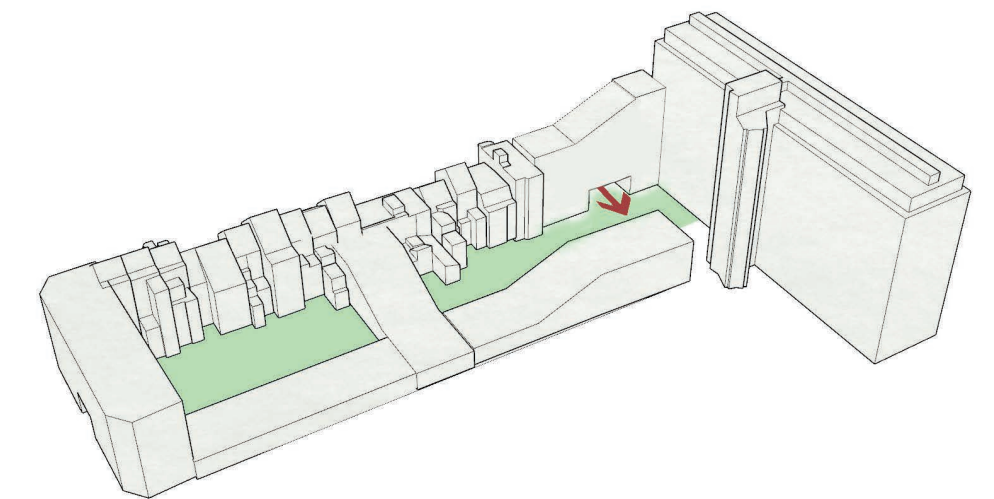
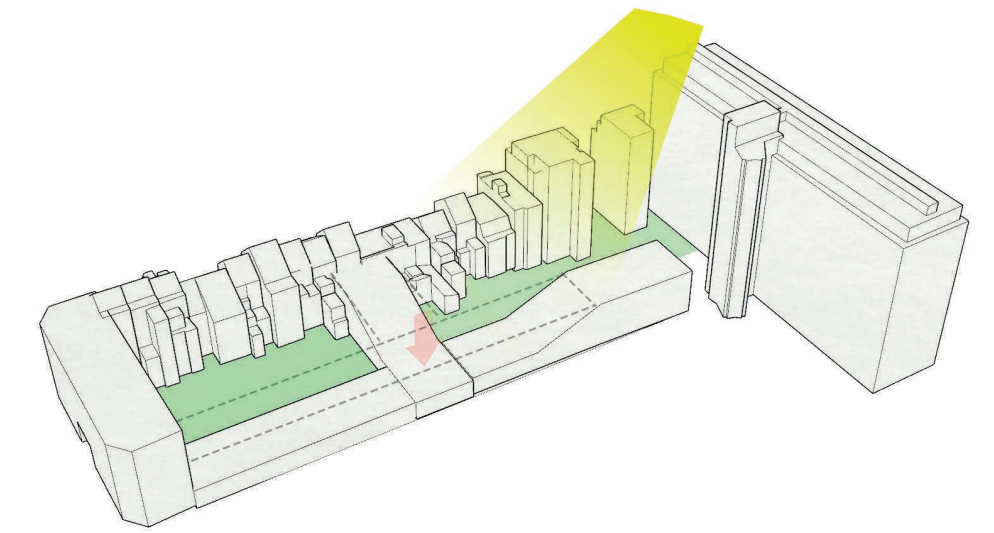
ENTRANCE BUILDING



SOLBOSCH SCALE



New dorm building



NEW DORMITORY

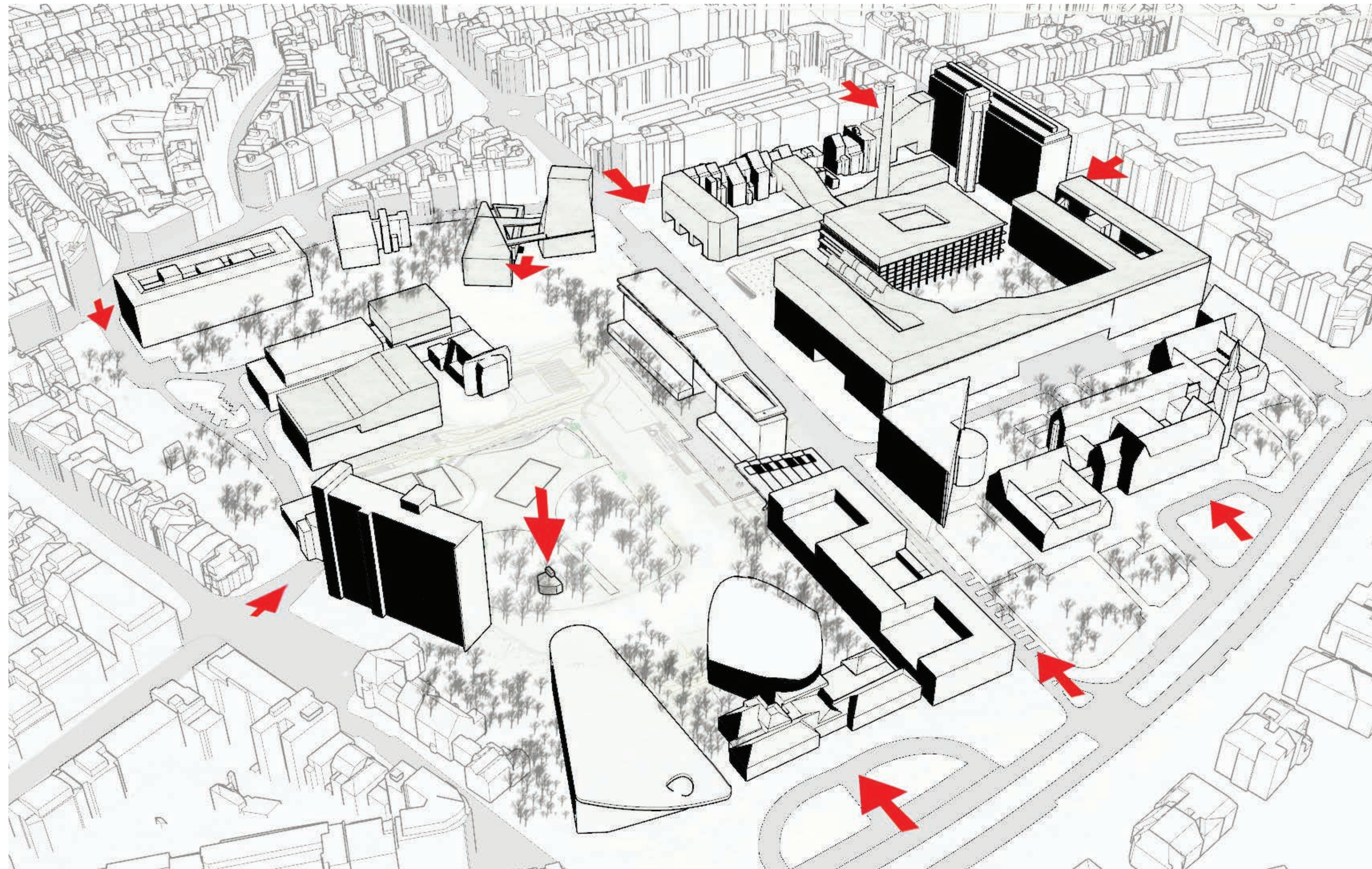
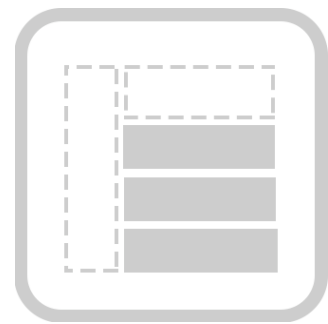
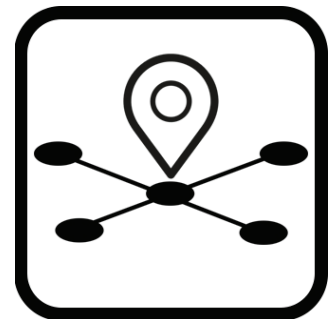
VISION

ANALYSIS

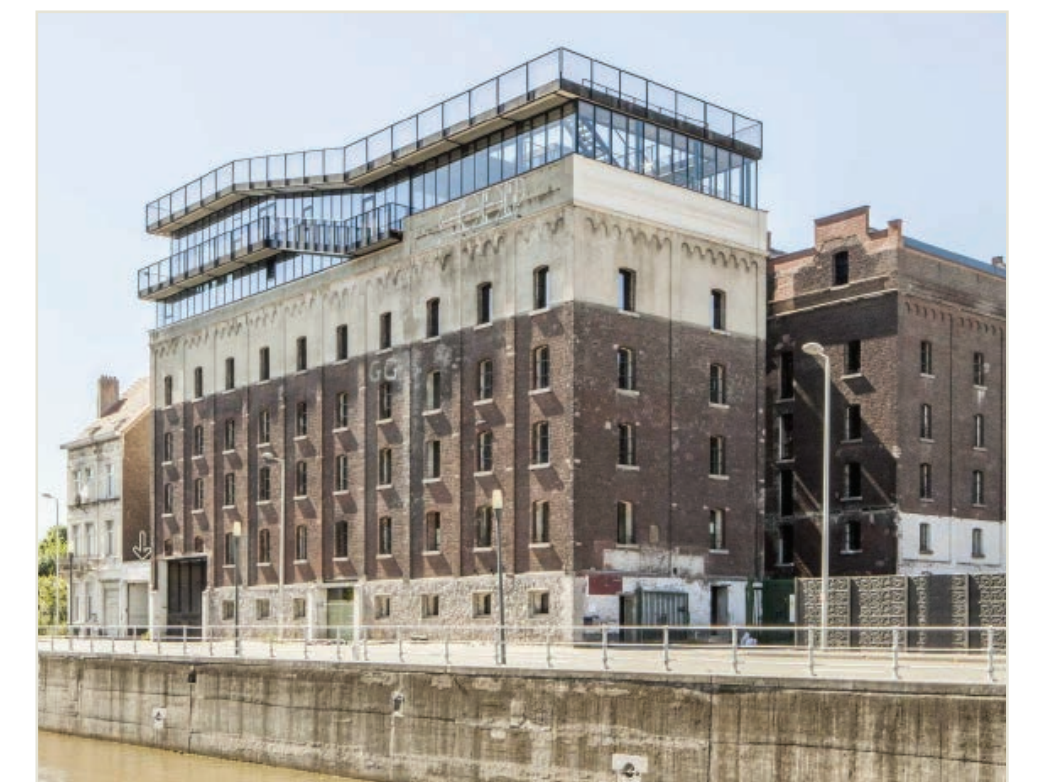
MASTER PLAN

DETAILED PROGRAM

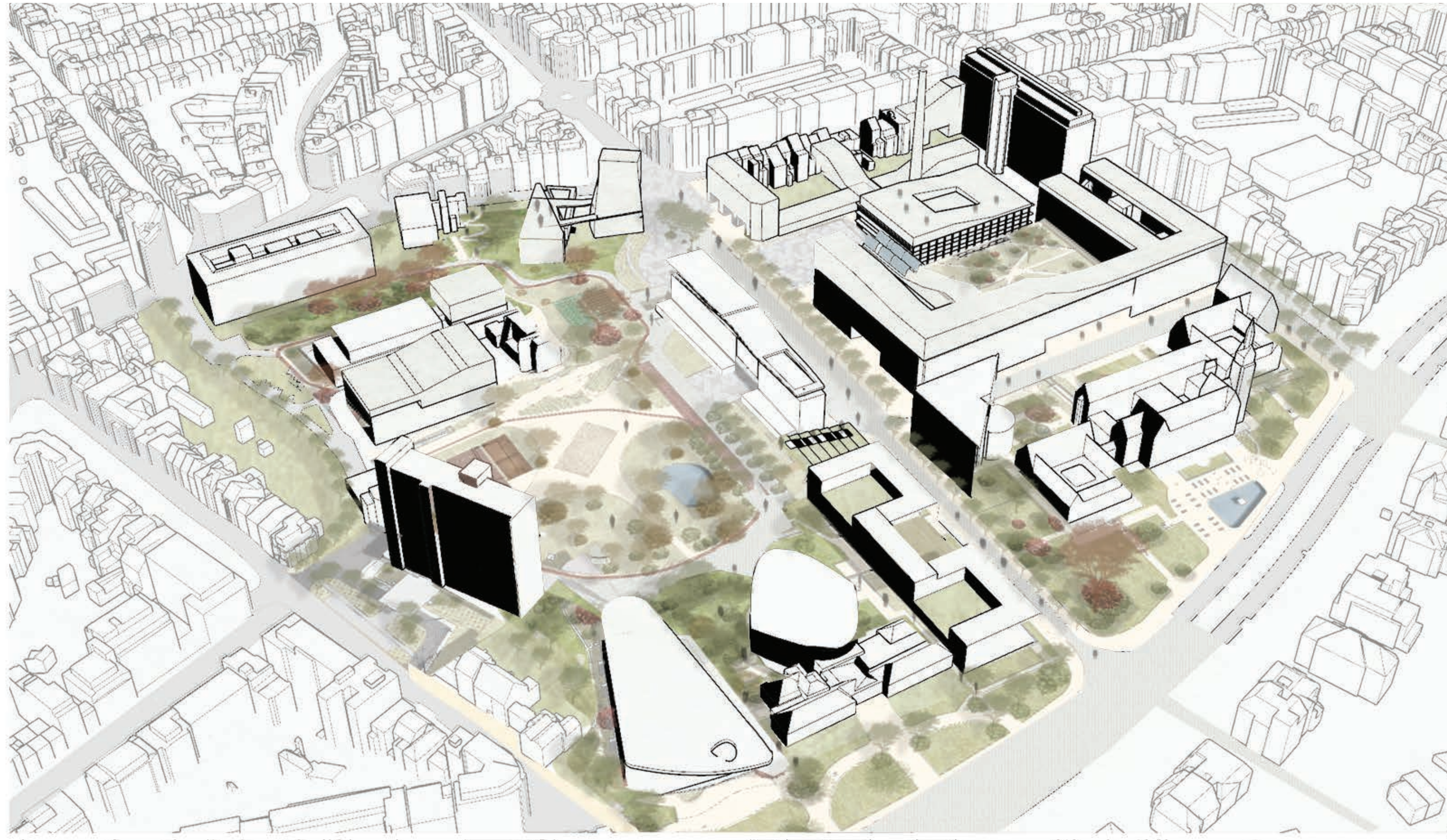
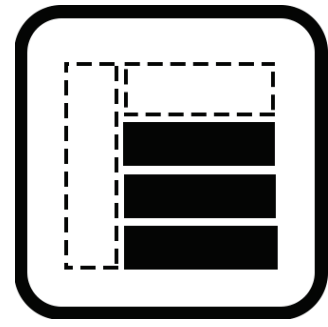
SOLBOSCH SCALE



OPENING THE SOUTH EAST FACADE
CONNECTION TO THE CITY - FOR PEDESTRIAN



SOLBOSCH SCALE



NEW CAMPUS

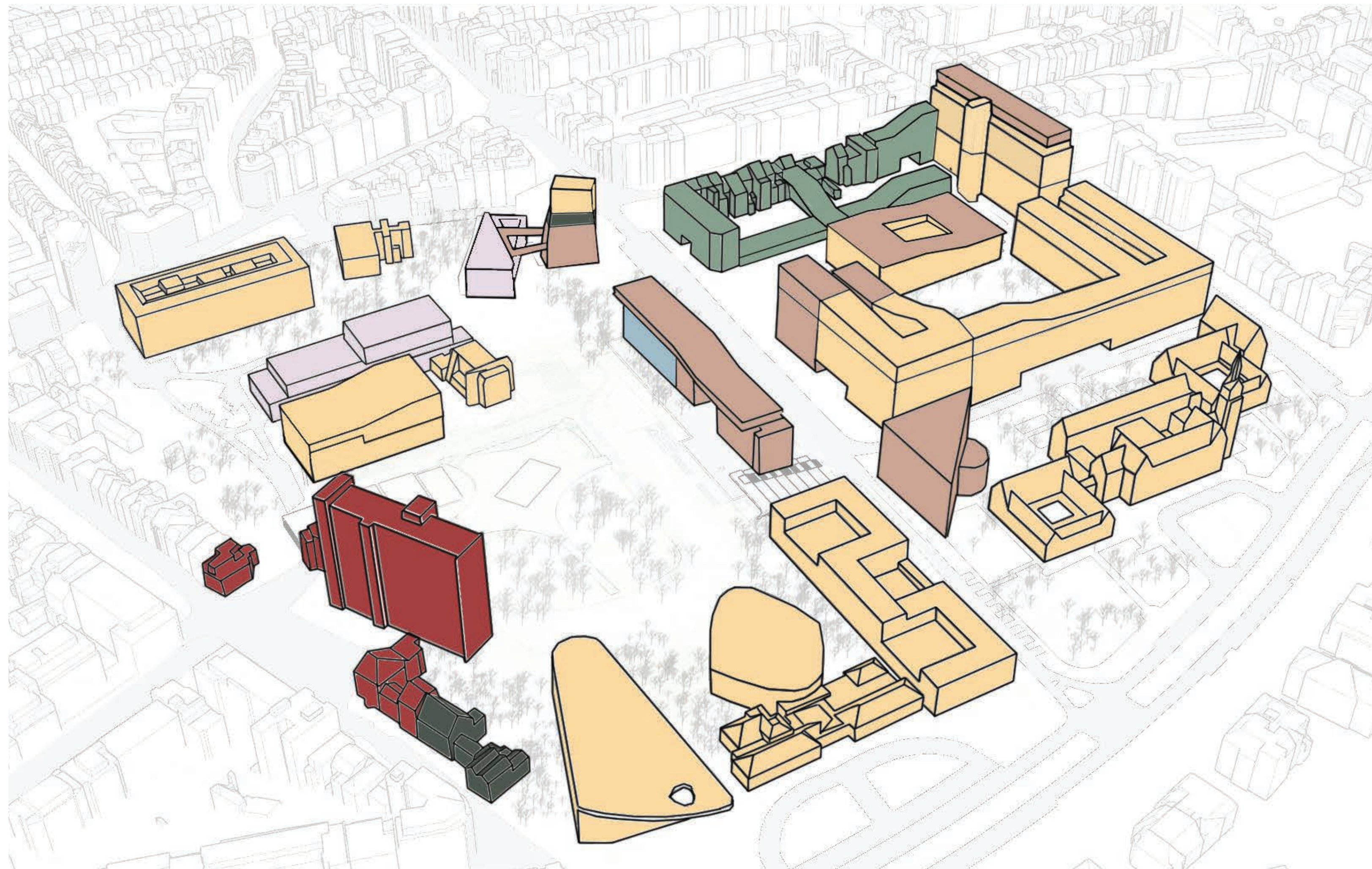
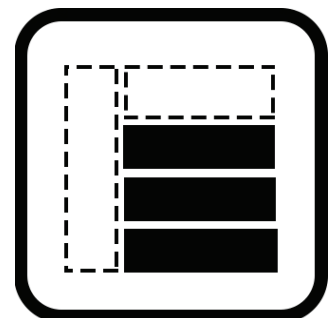
VISION

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MASTER PLAN

DETAILED PROGRAM

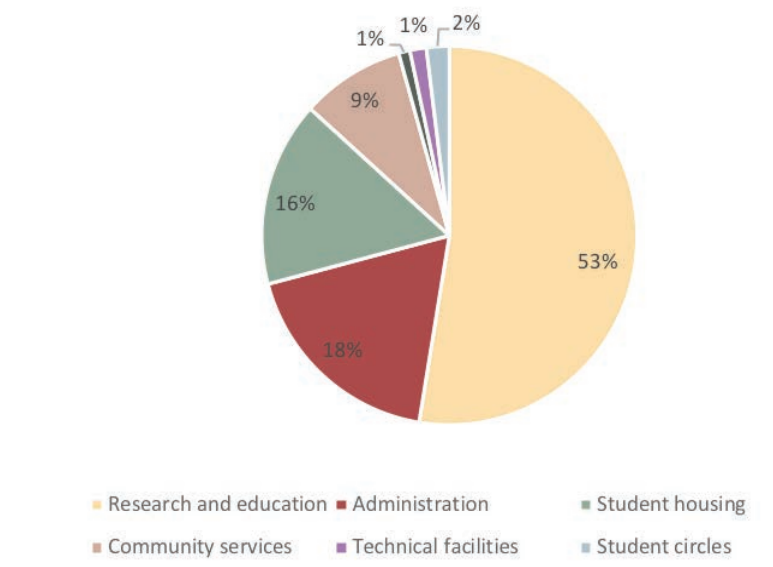
SOLBOSCH PROGRAM



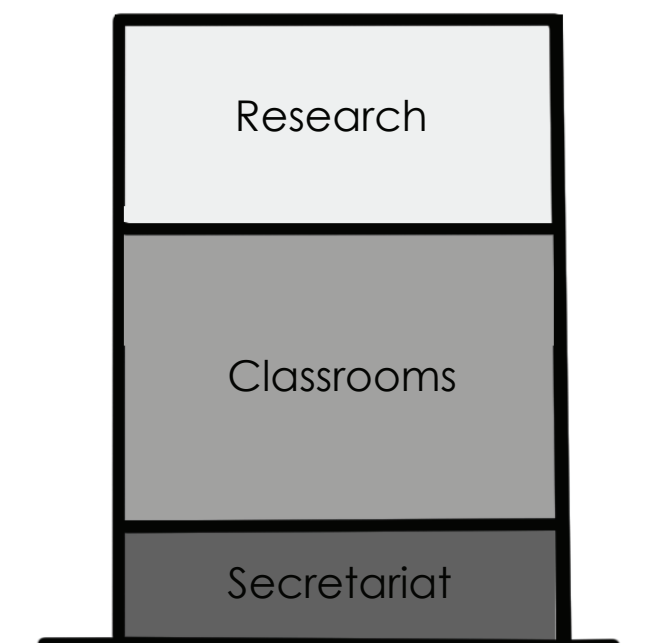
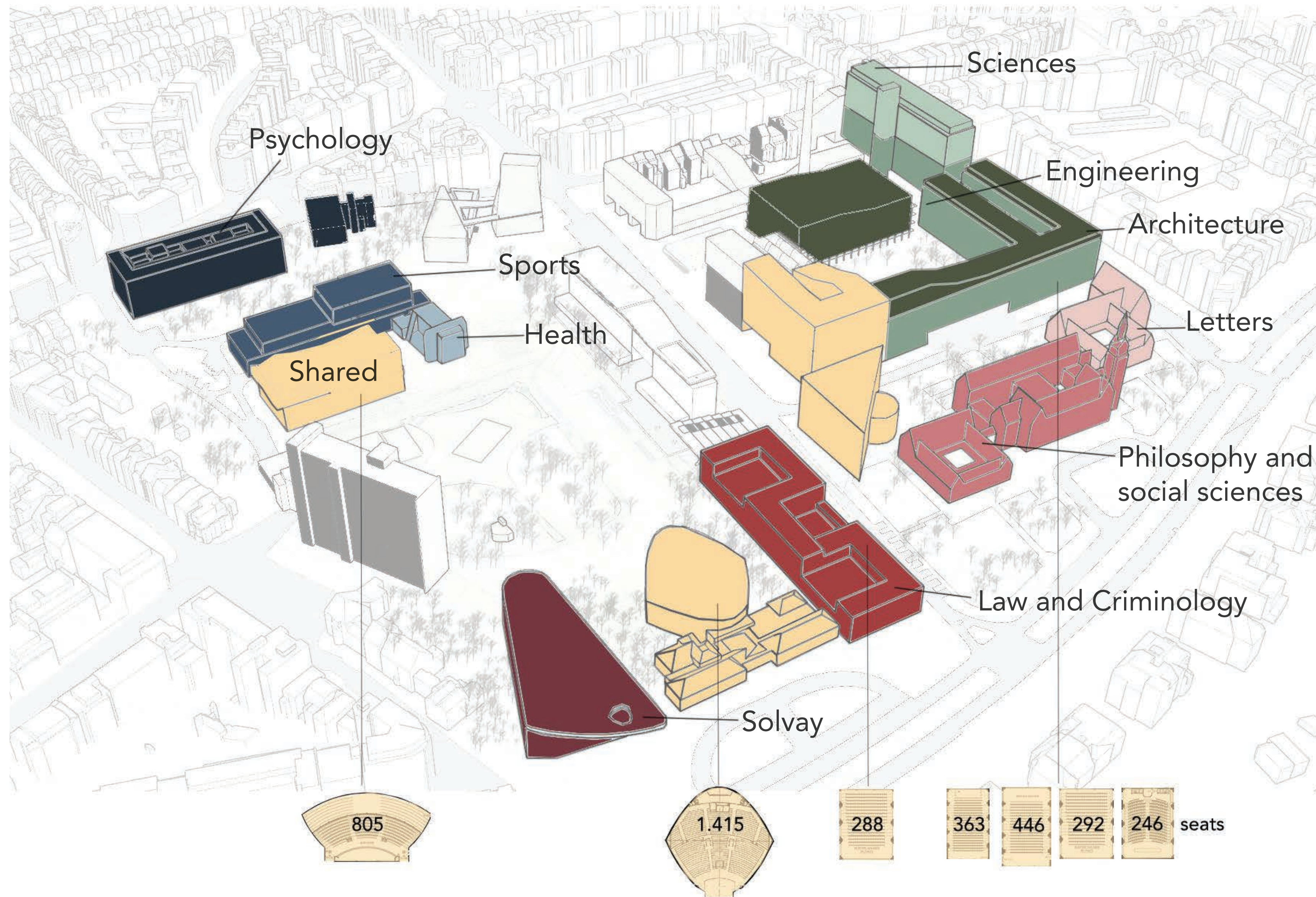
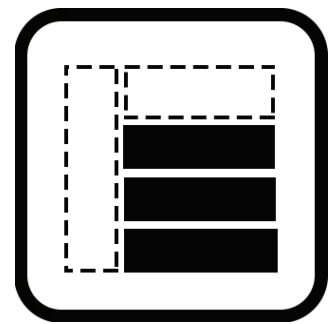
PROGRAM Solbosch	TODAY Net Surface [m2]	NEW Net Surface [m2]	Net Difference [m2]	%
Research and education	69 124	78 942	9 818	49
Administration	26 445	27 447	1 002	17
Student housing	17 019	26 204	9 185	16
Community services	6 121	13 262	7 141	8
Sports	6 054	8 422	2 368	5
Non profit org	1 571	1 470	-101	1
Technical facilities	1 440	2 120	680	1
Student circles	2 094	2 953	859	2
Total	130 917	160 819	29 902	100

FAR 2,010

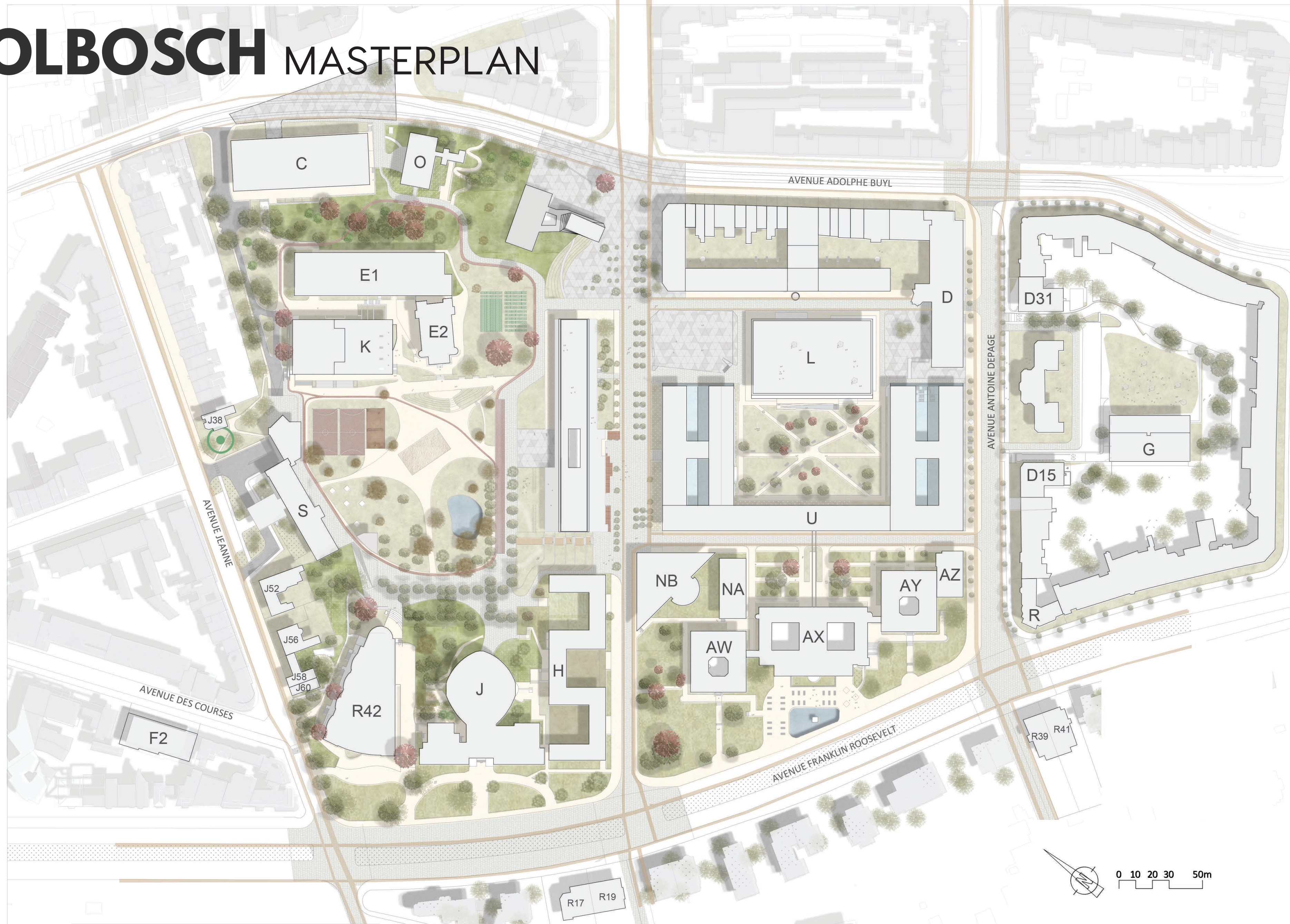
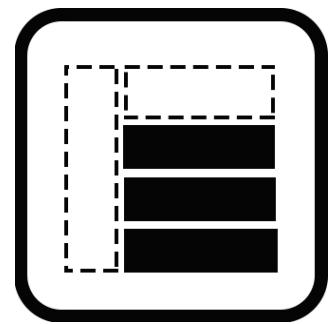
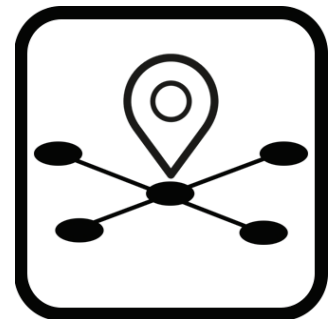
Cazernes
 Research 17763
 Student Housing 8 637,00



SOLBOSCH PROGRAM



SOLBOSCH MASTERPLAN



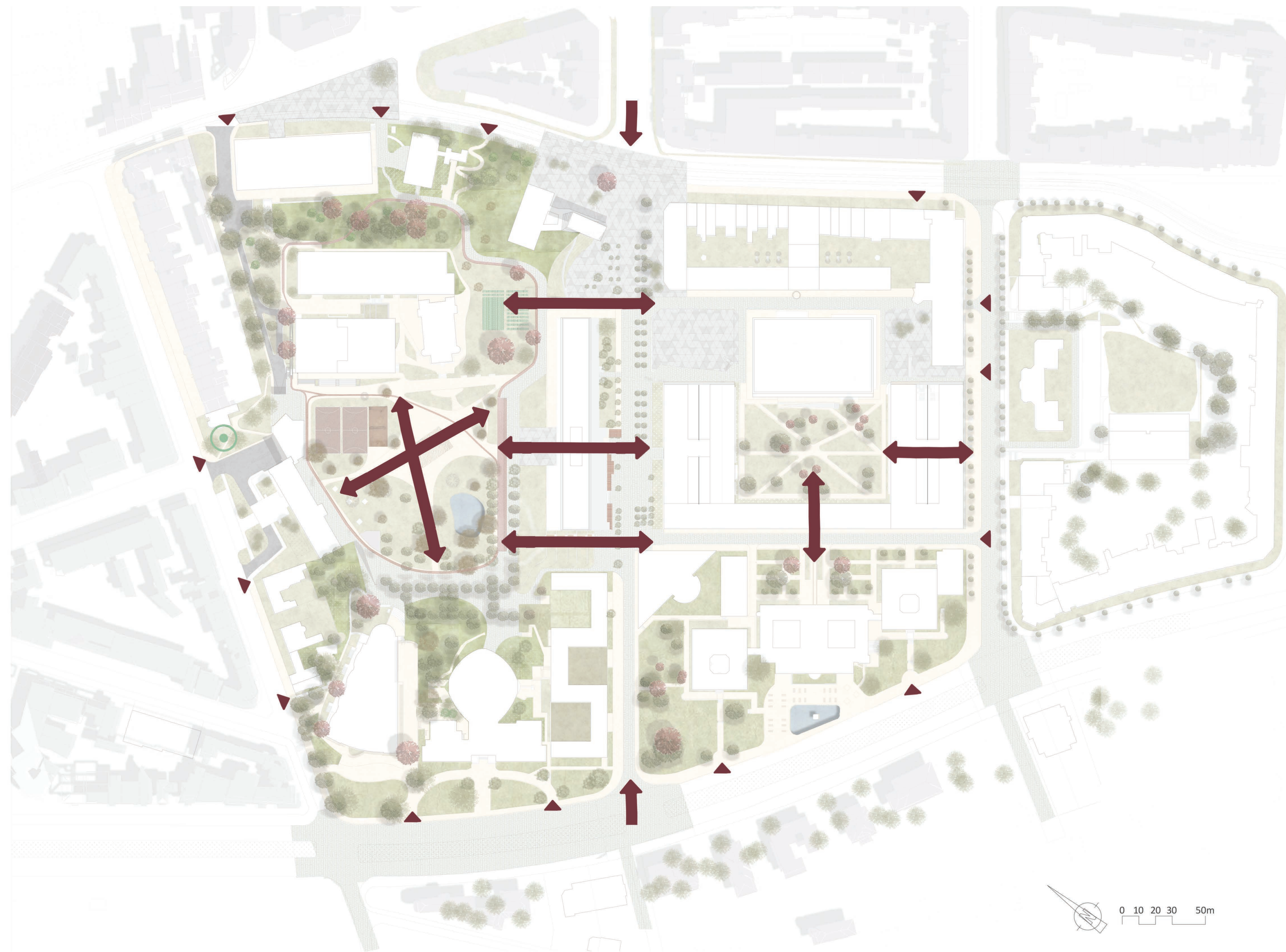
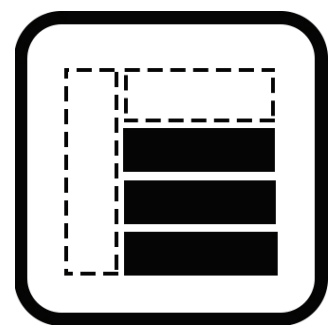
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

SOLBOSCH OPEN SPACES CONNECTION



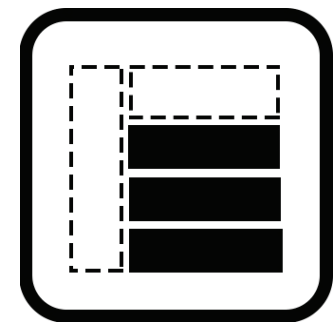
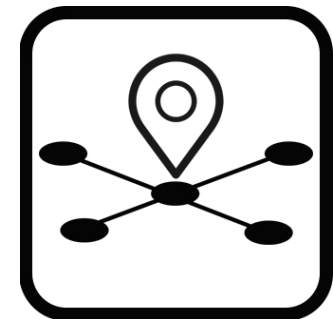
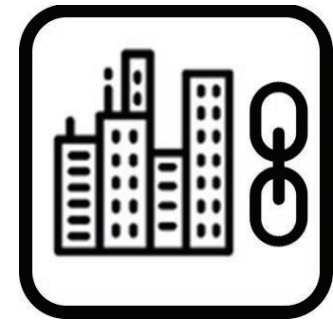
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ANALYSIS

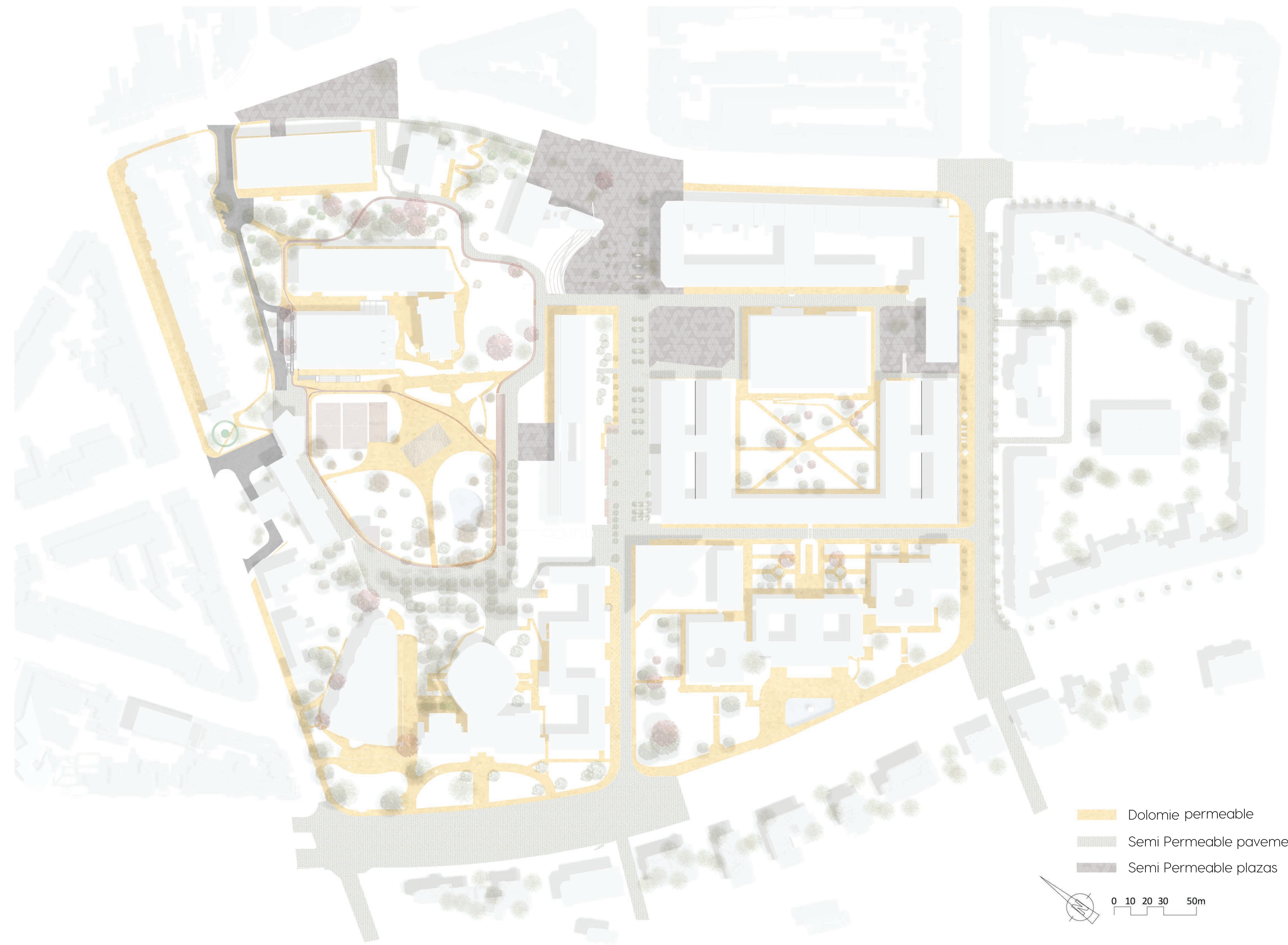
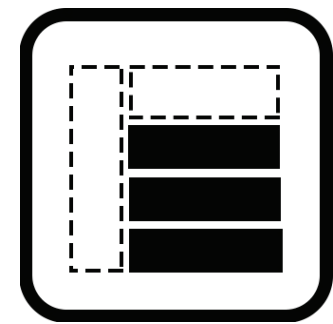
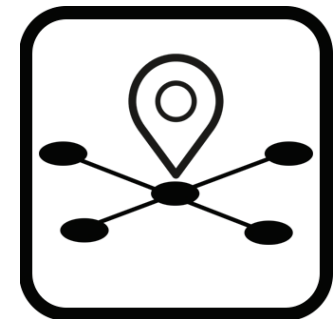
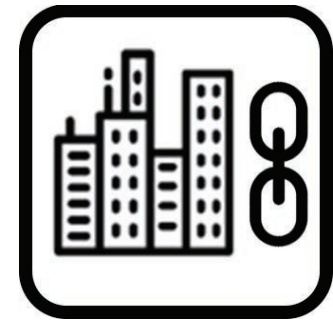
MASTER PLAN




DETAILED PROGRAM

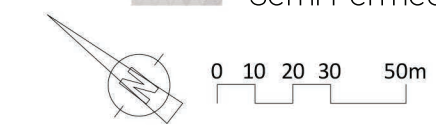
SOLBOSCH-Superquadra



SOLBOSCH Permeability



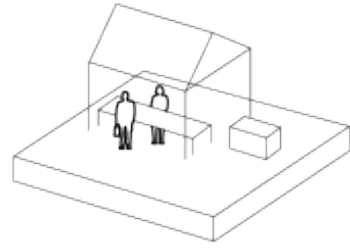
-  Dolomie permeable
-  Semi Permeable pavement
-  Semi Permeable plazas



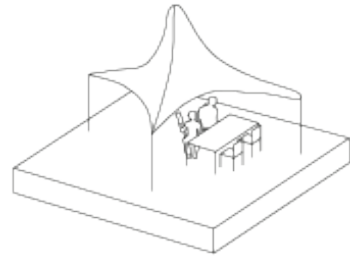
SOLBOSCH Open spaces



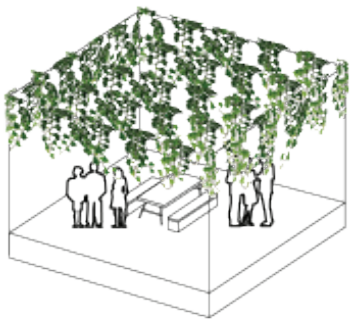
Plaza/market



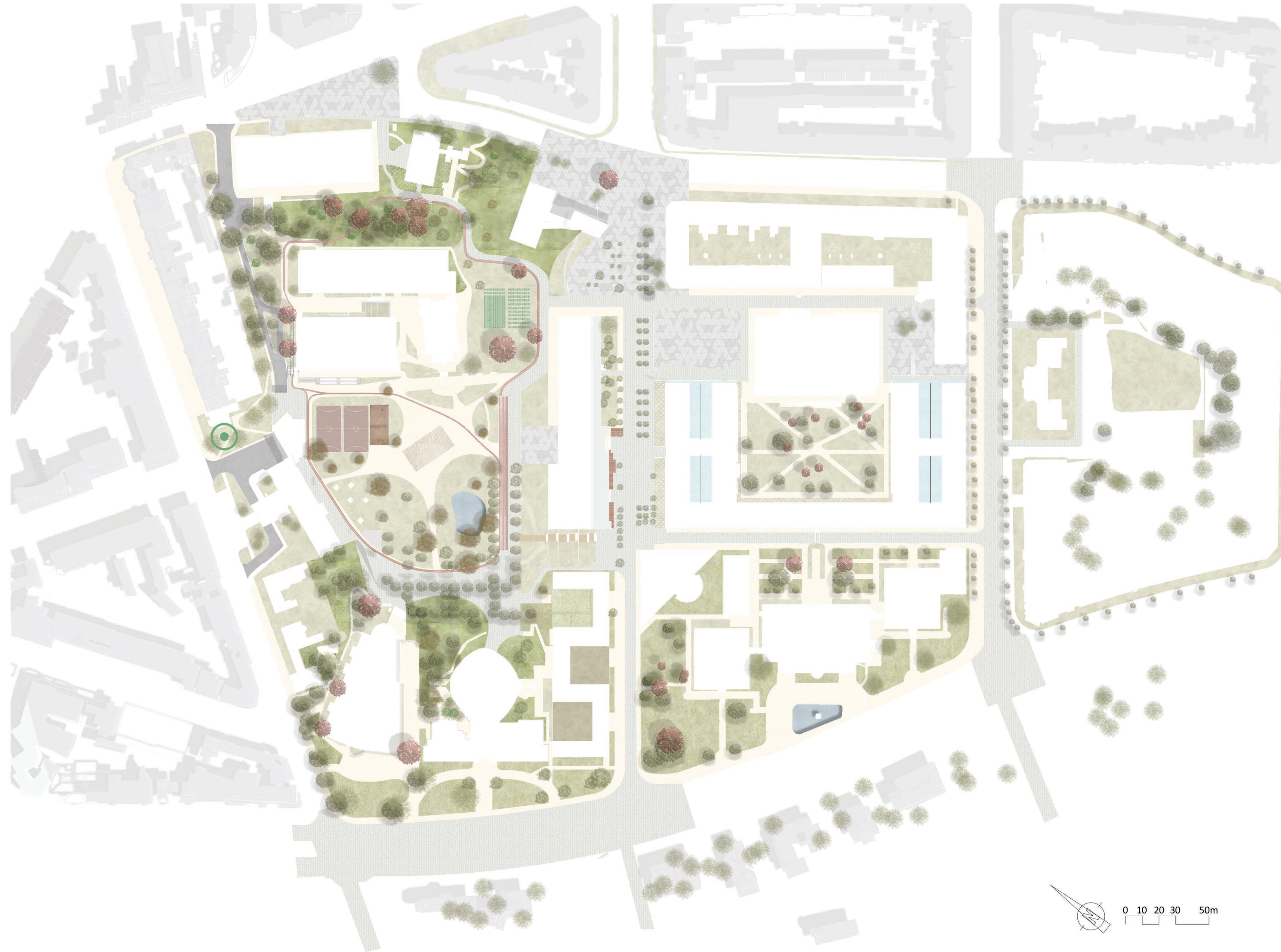
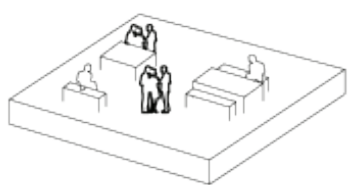
Cafe/reading area



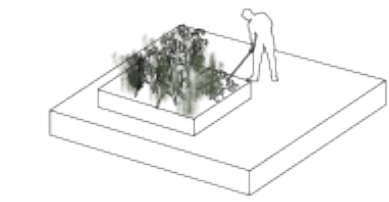
Picnic/reading area



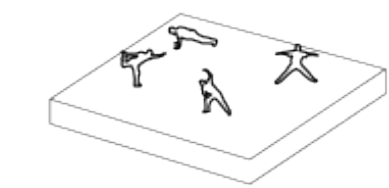
Outdoor Meeting Areas



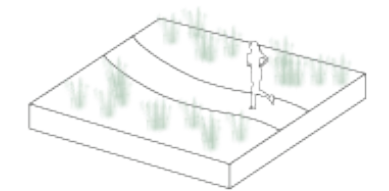
Urban farm



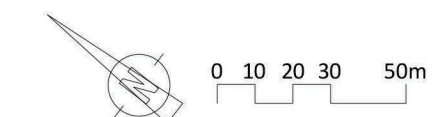
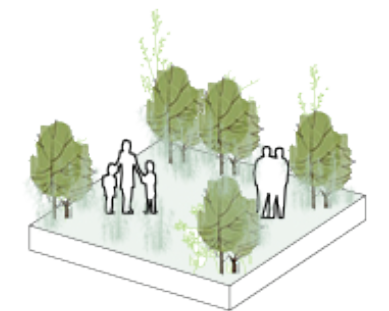
Exercise Circuit



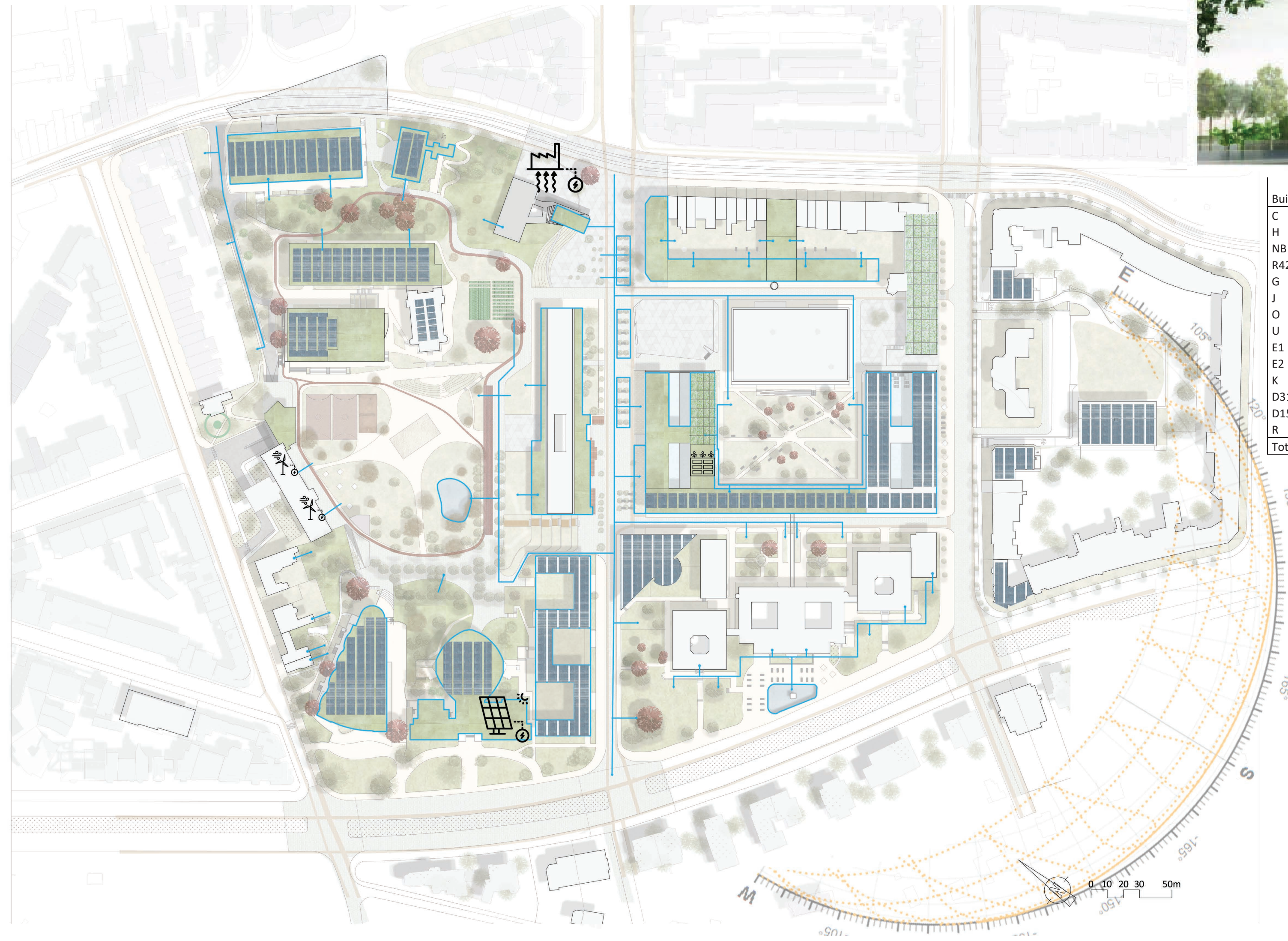
Running path



Dense Vegetation

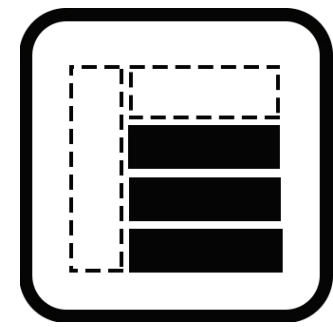
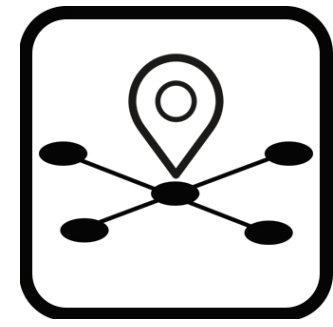
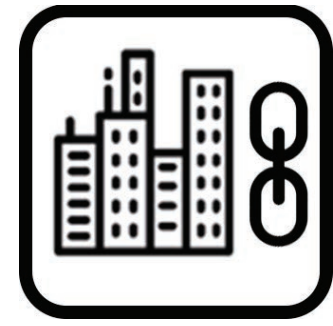


SOLBOSCH Energy masterplan



Building	Number of Modules	surface (m ²)	Power (kWc)	kWh for 1year
C	292	500	98	88.000
H	596	1062	200	179.694
NB	195	291	64	57.888
R42	640	1096	214	192.960
G	250	421	84	75.375
J	350	2500	116	104.168
O	75	128	25,6	22989
U	143	1000	200	179600
E1	68	475	95	85274
E2	106	744	149	133622
K	135	945	189	169722
D31	68	473	95	84951
D15	65	456	91	81898
R	58	408	82	73277
Total	3041	6998	1002	202589

- Classified trees
- Remarkable trees
- Existing trees
- New trees
- Existing trees we leave
- Green roofs
- Solar panels
- Green house
- Dolomite
- Connection building and network
- Water path



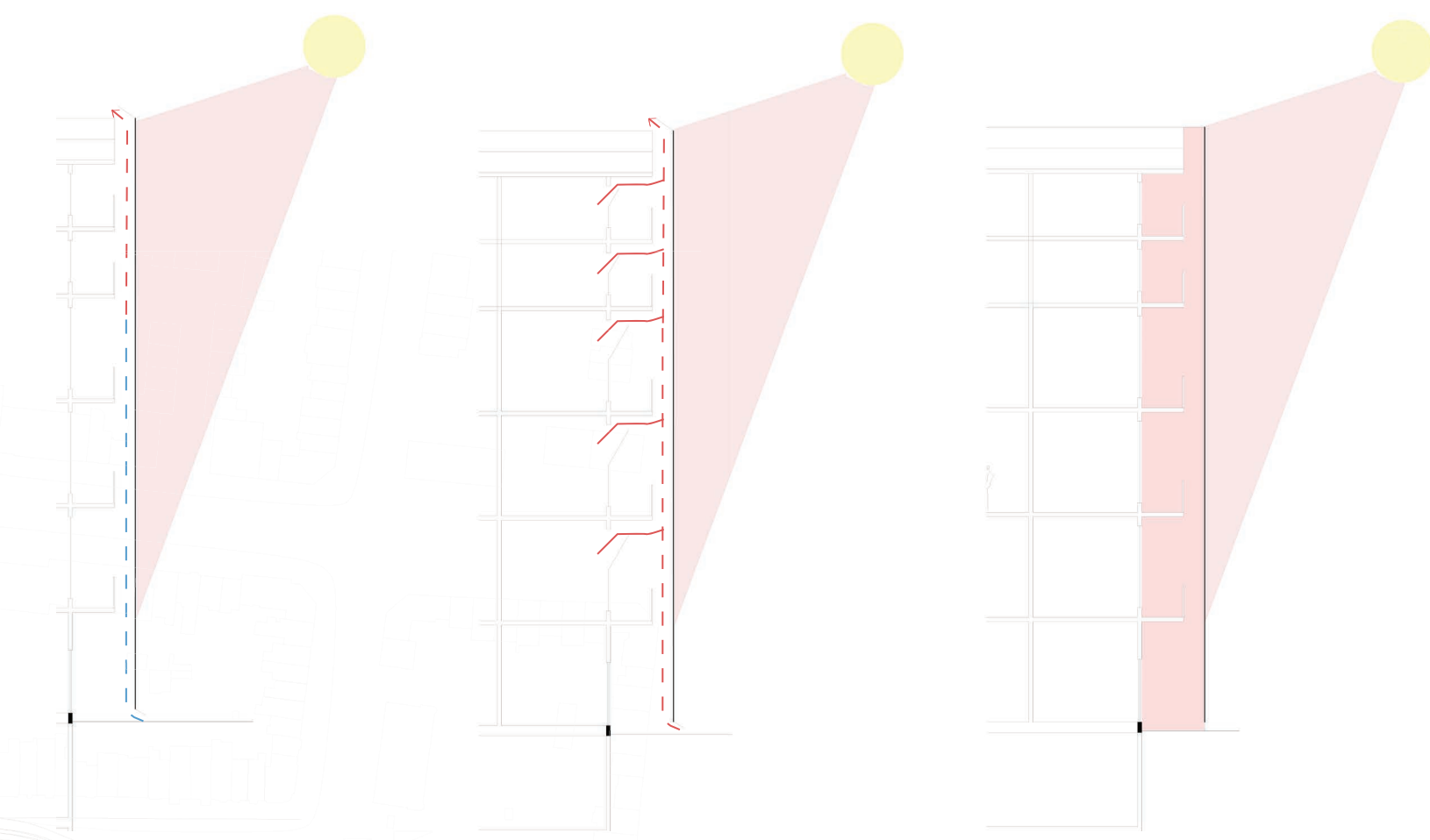
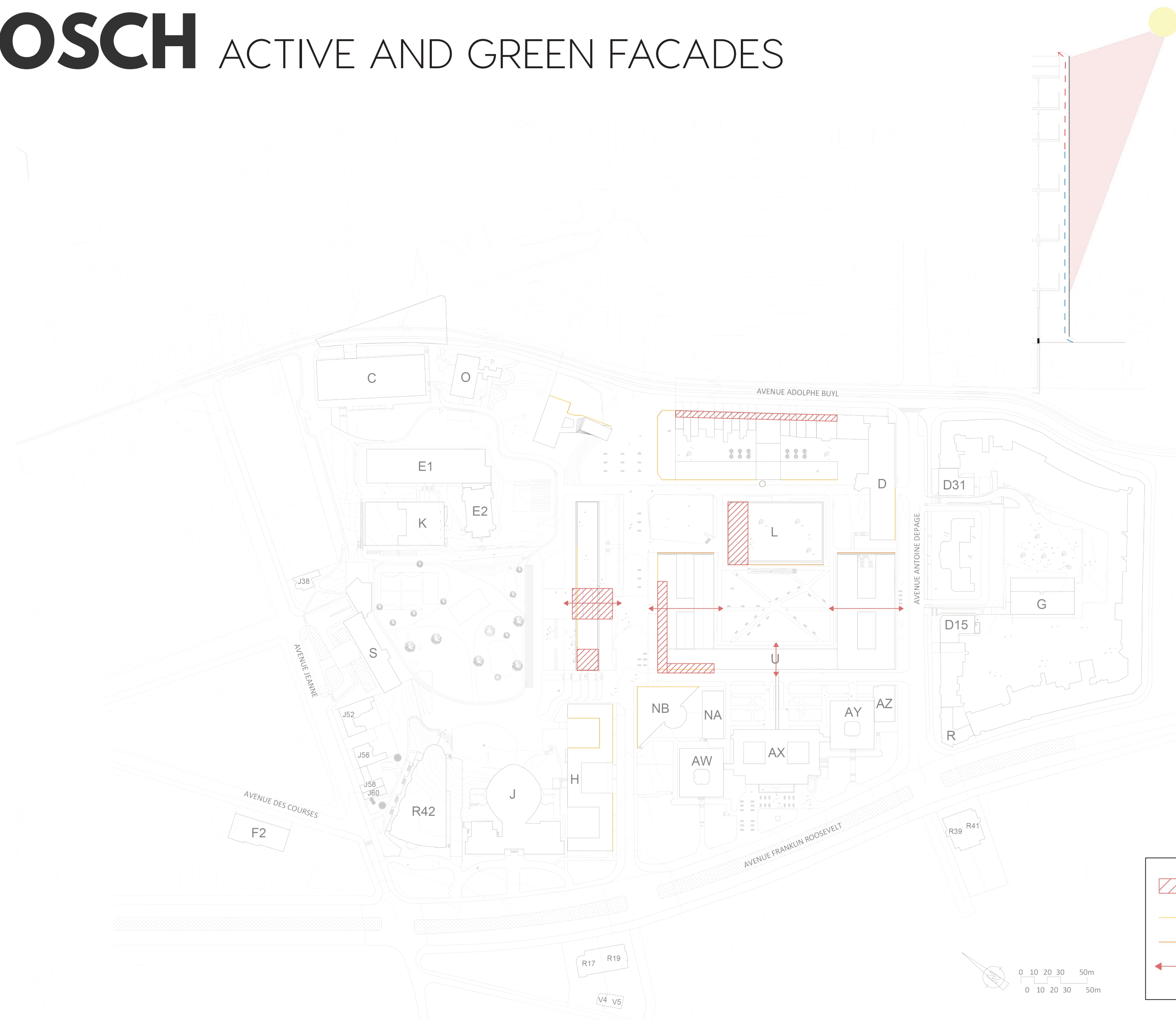
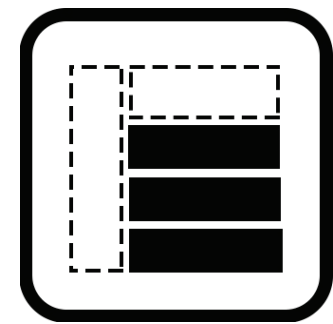
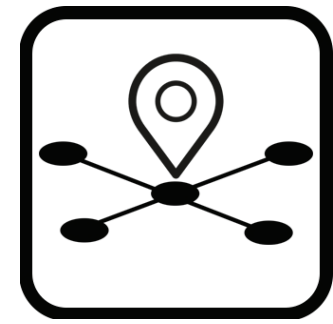
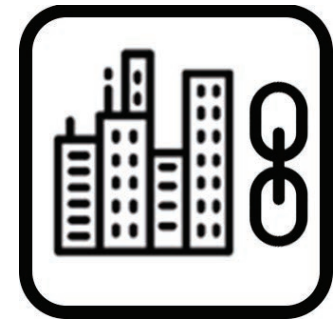
VISION

ANALYSIS

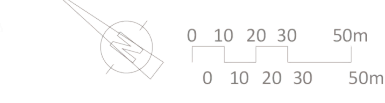
MASTER PLAN

DETAILED PROGRAM

SOLBOSCH ACTIVE AND GREEN FACADES



	Interaction between interior and exterior
	Active facade
	double facade
	Passage



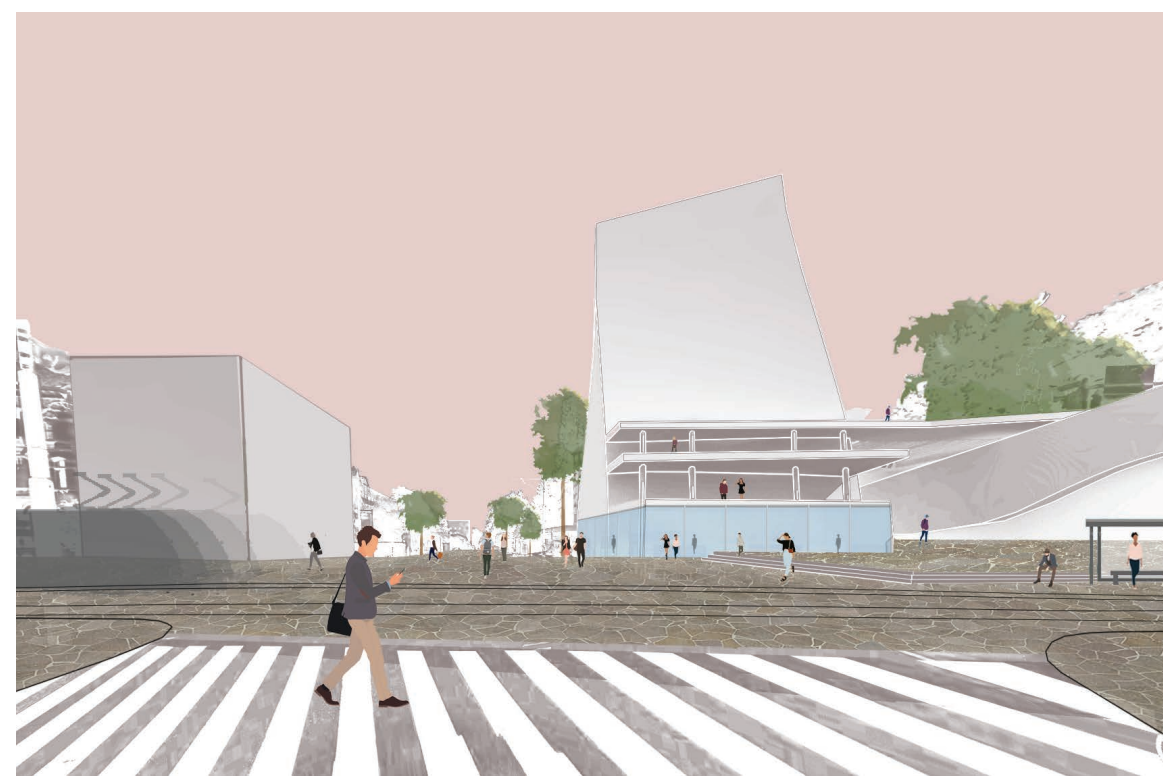
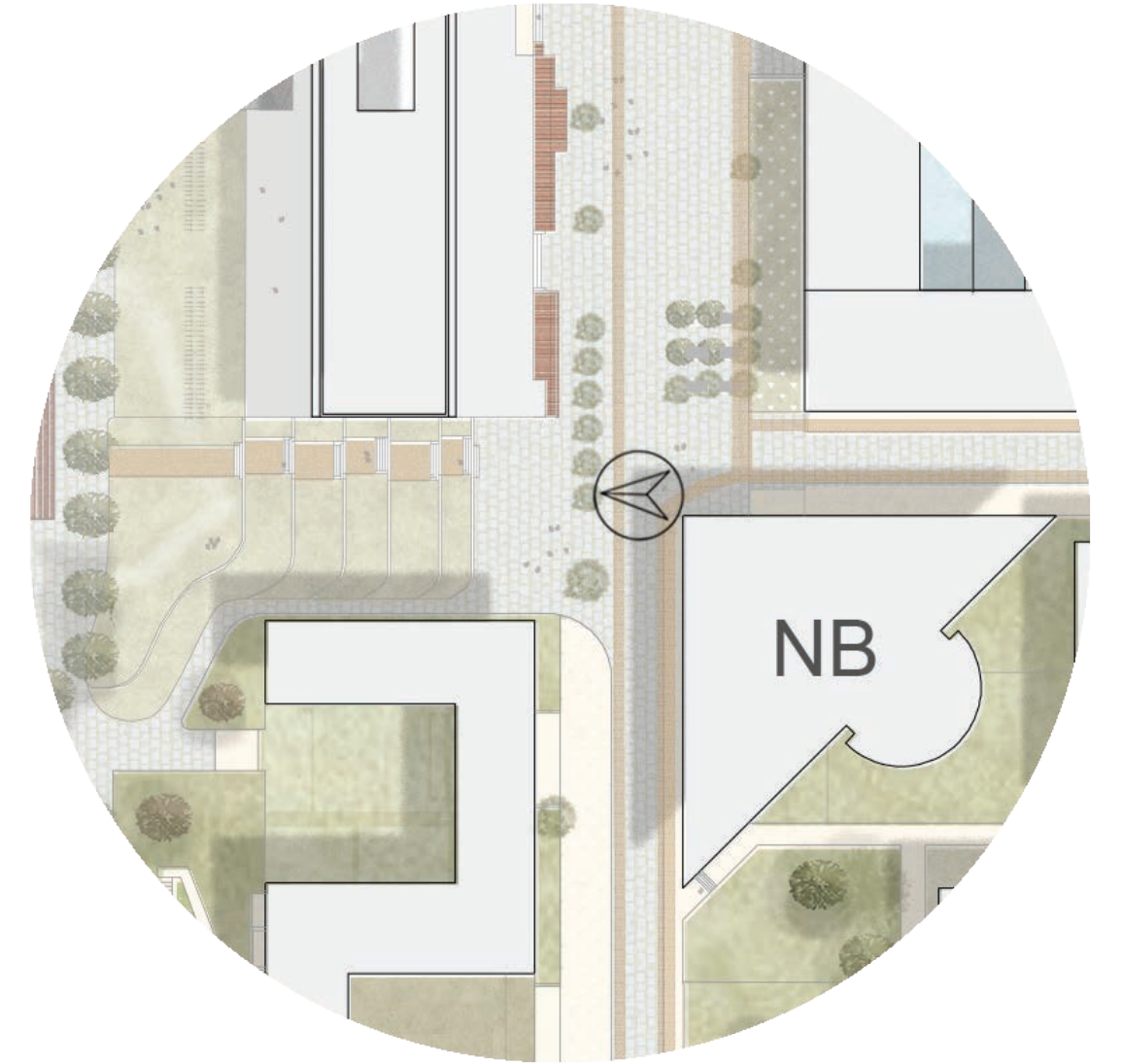
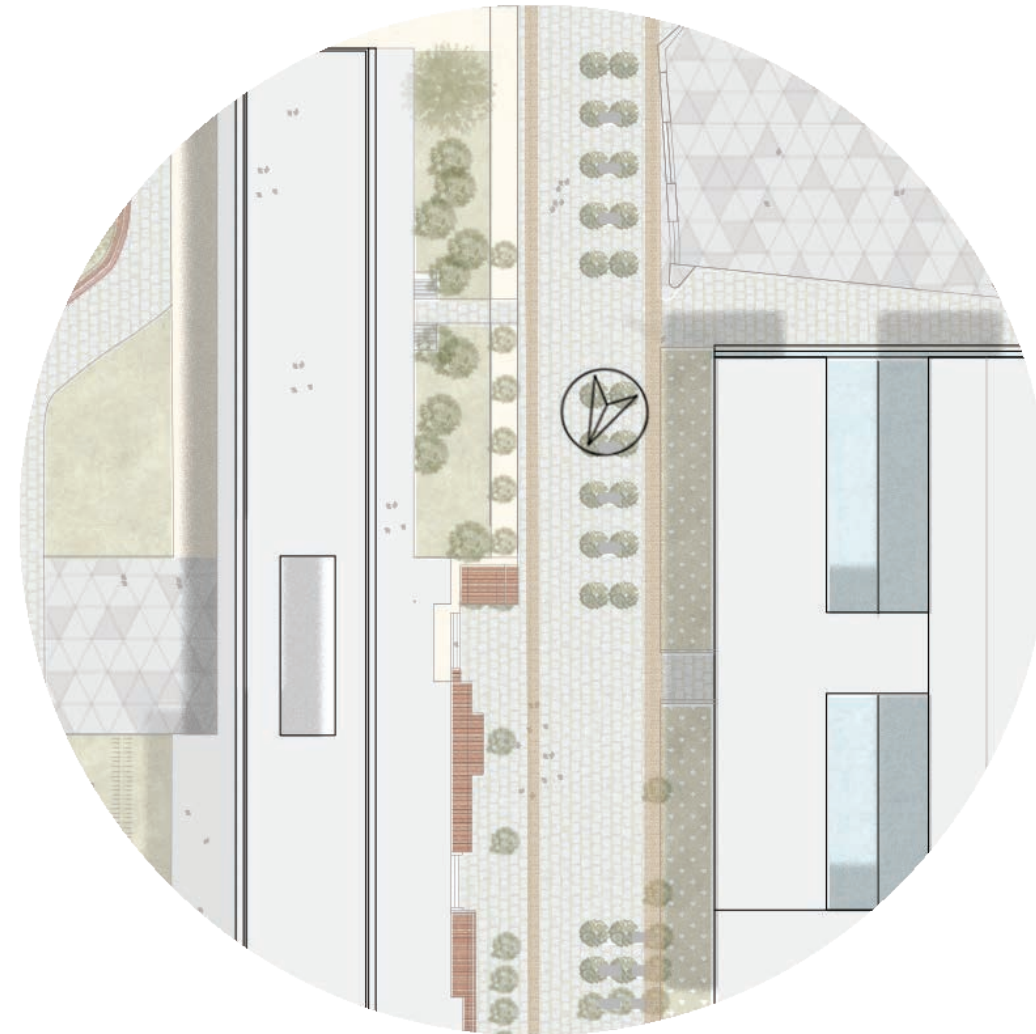
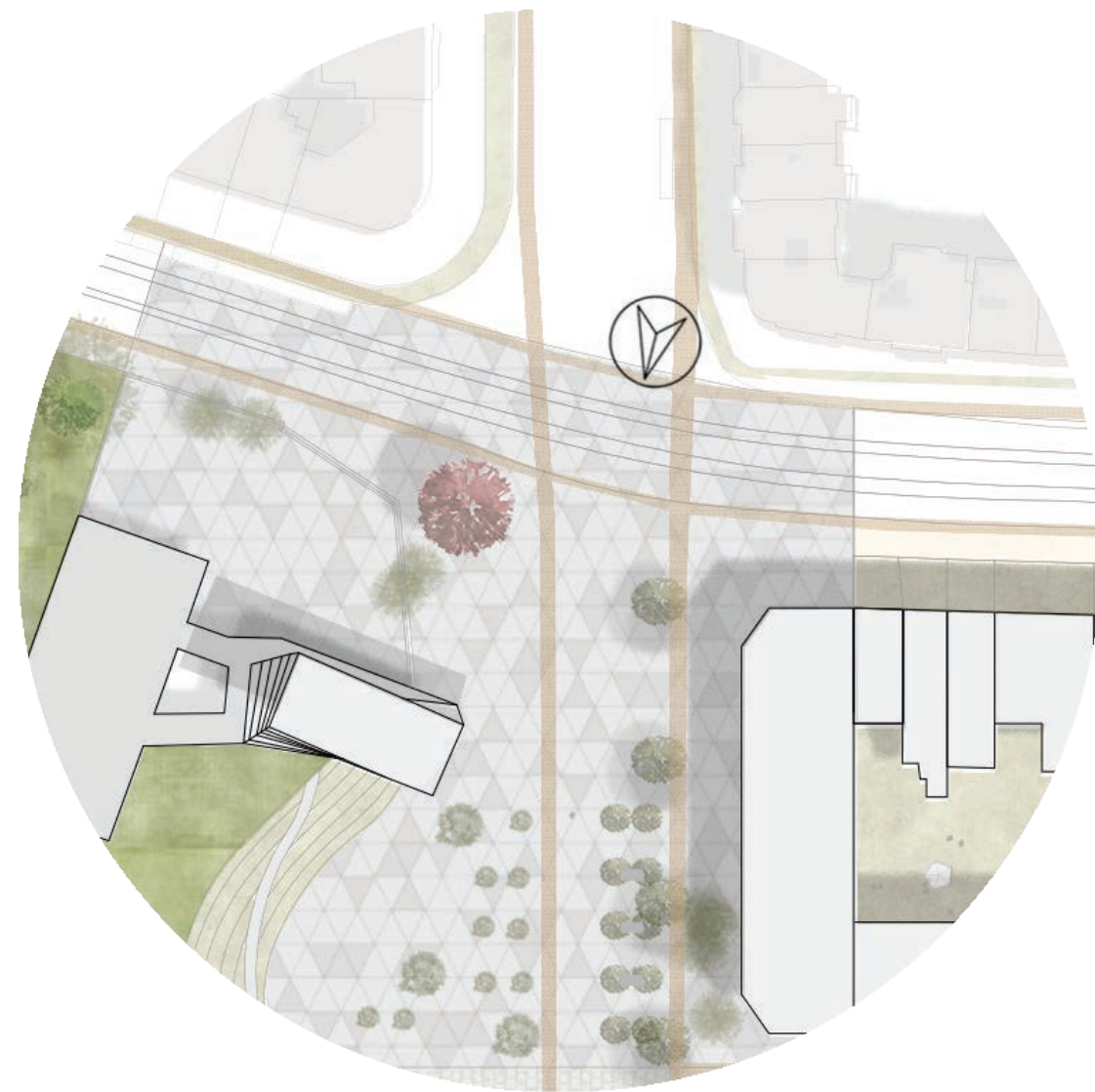
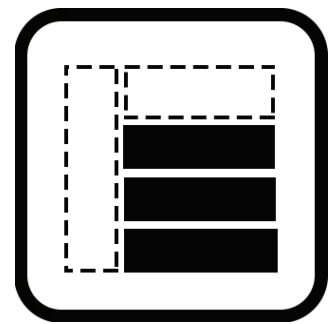
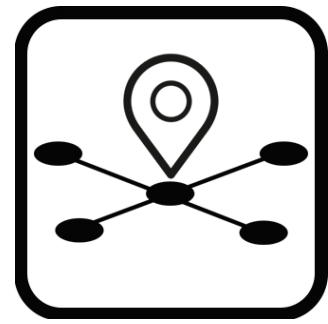
VISION

ANALYSIS

MASTER PLAN

DETAILED PROGRAM

SOLBOSCH VIEWS



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ANALYSIS

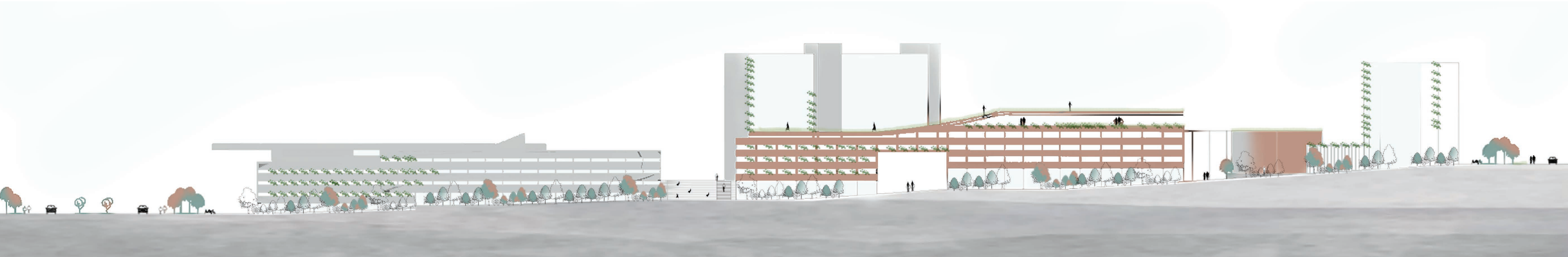
MASTER PLAN

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SECTIONS



Section A-A

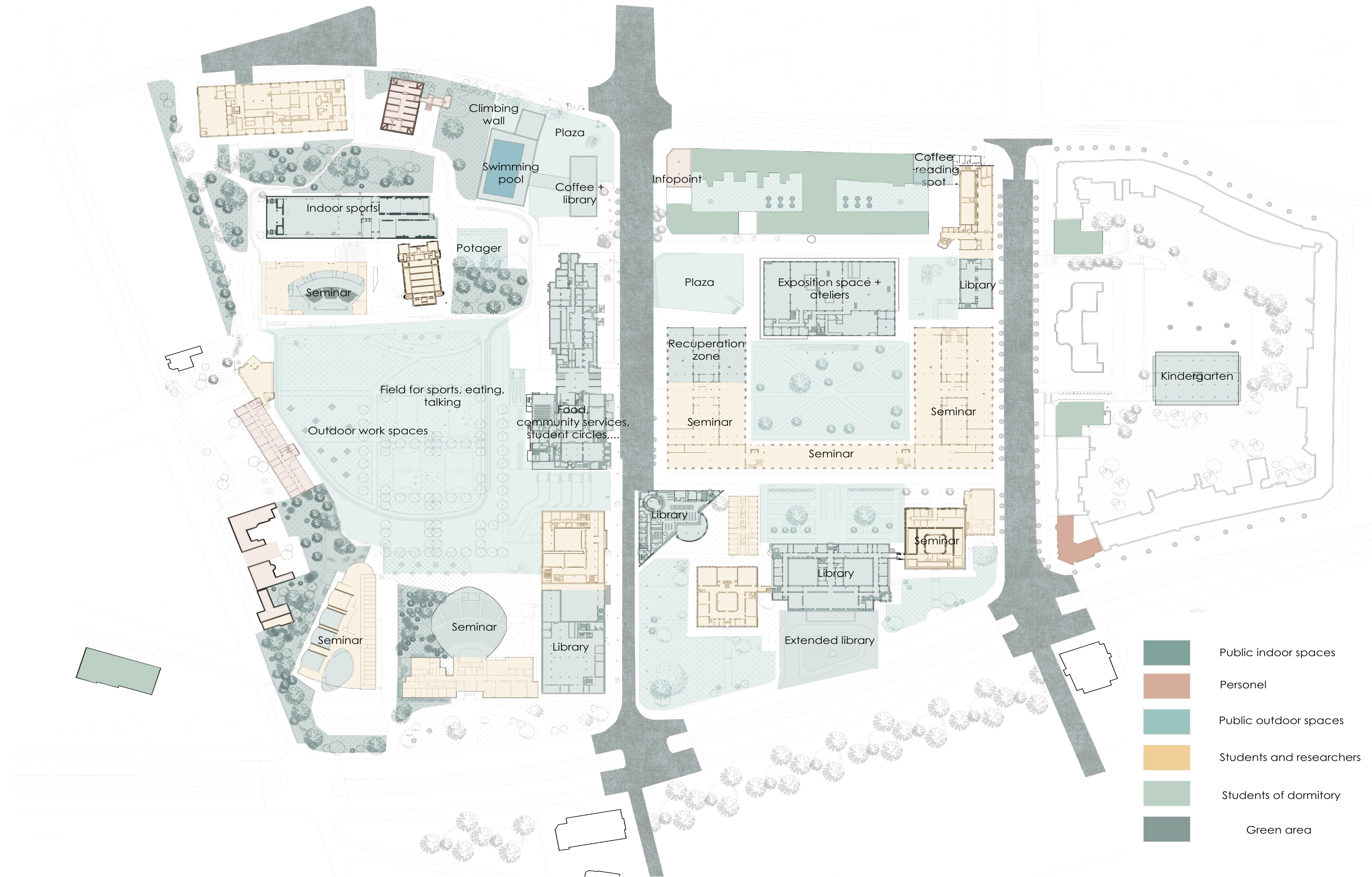


Section B-B



Section C-C

LINKING TO THE CITY

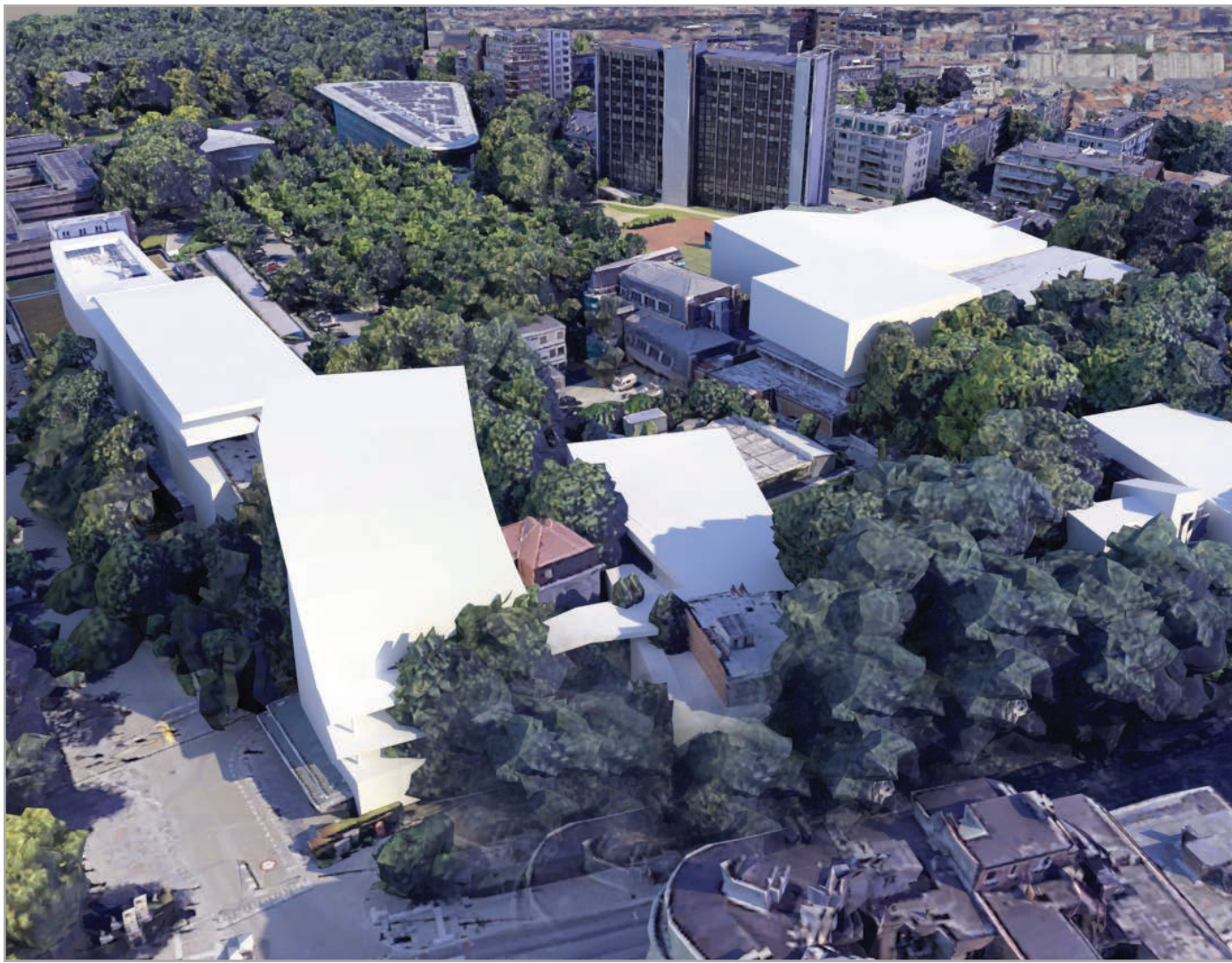


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