MSc 3&4 | Architectural Design Crossover graduation studio

DESIGN AND RESEARCH LOGBOOK

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May - 2022

SUMMARY

1. Fascination
2. Searching for a problem
    a. Initial mappings
    b. Understanding the education system in London
    c. Data mining
3. Identifying the problem
    a. Data analysis in maps
4. Research topic
    a. London's cultural infrastructure maps
5. Defining investigation area
6. Fieldwork - London Trip
    a. Tools
    b. Itinerary
    c. Transects - Fieldwork findings
        i. Camden and Westminster
        ii. Lambeth
7. Possible design locations
    a. Site analysis
    b. Design Location
8. Site analysis
9. Precedents
10. P2
11. Design development – after P2 feedback
12. P2,5
13. Design development – after P2,5 feedback
14. P3
15. Design development – after P3 feedback

1. FASCINATION

- Art
- Crafts
- Social programs
- Community engagement



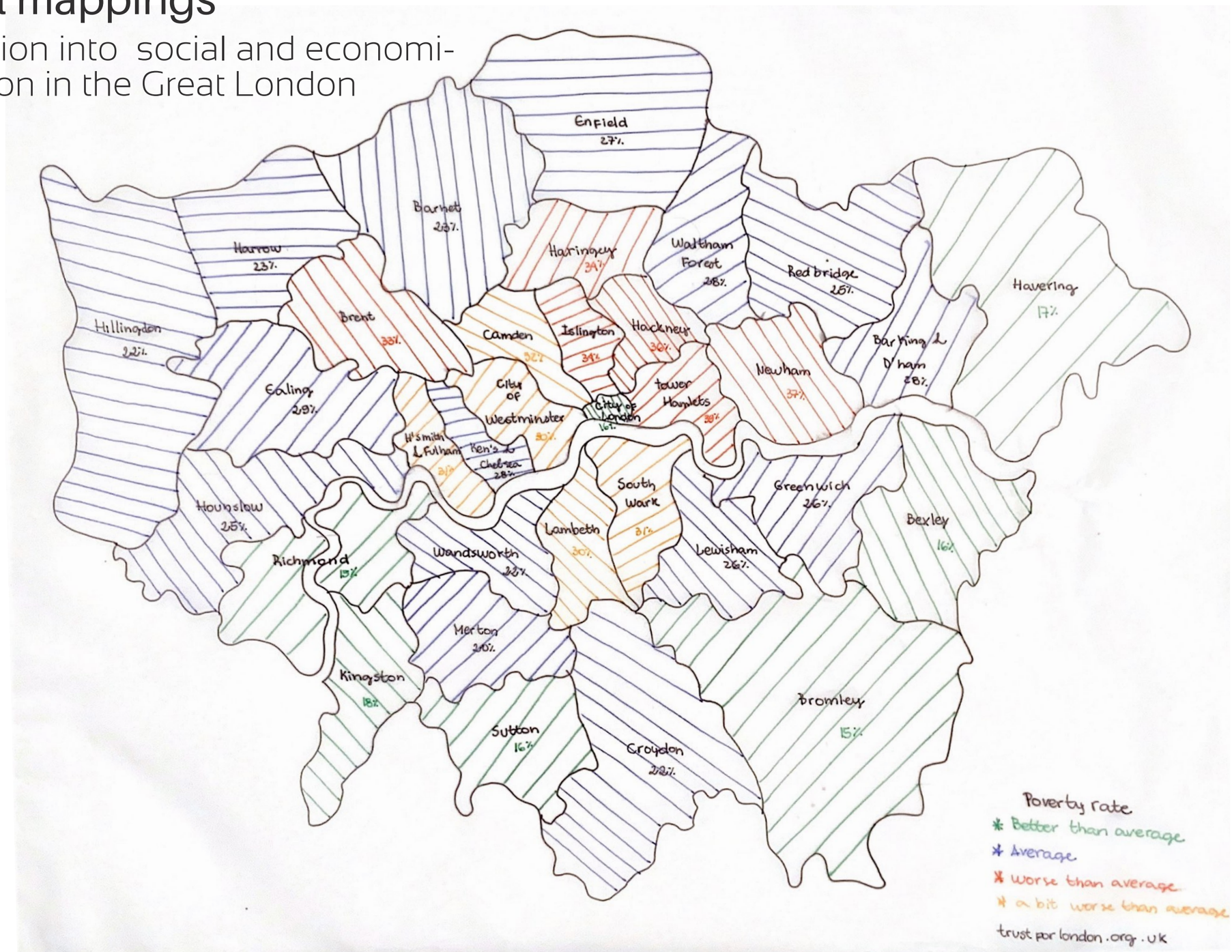
Initial research interest theme: Inequality

With focus in: Culture and education

2. SEARCHING FOR A PROBLEM

a. Initial mappings

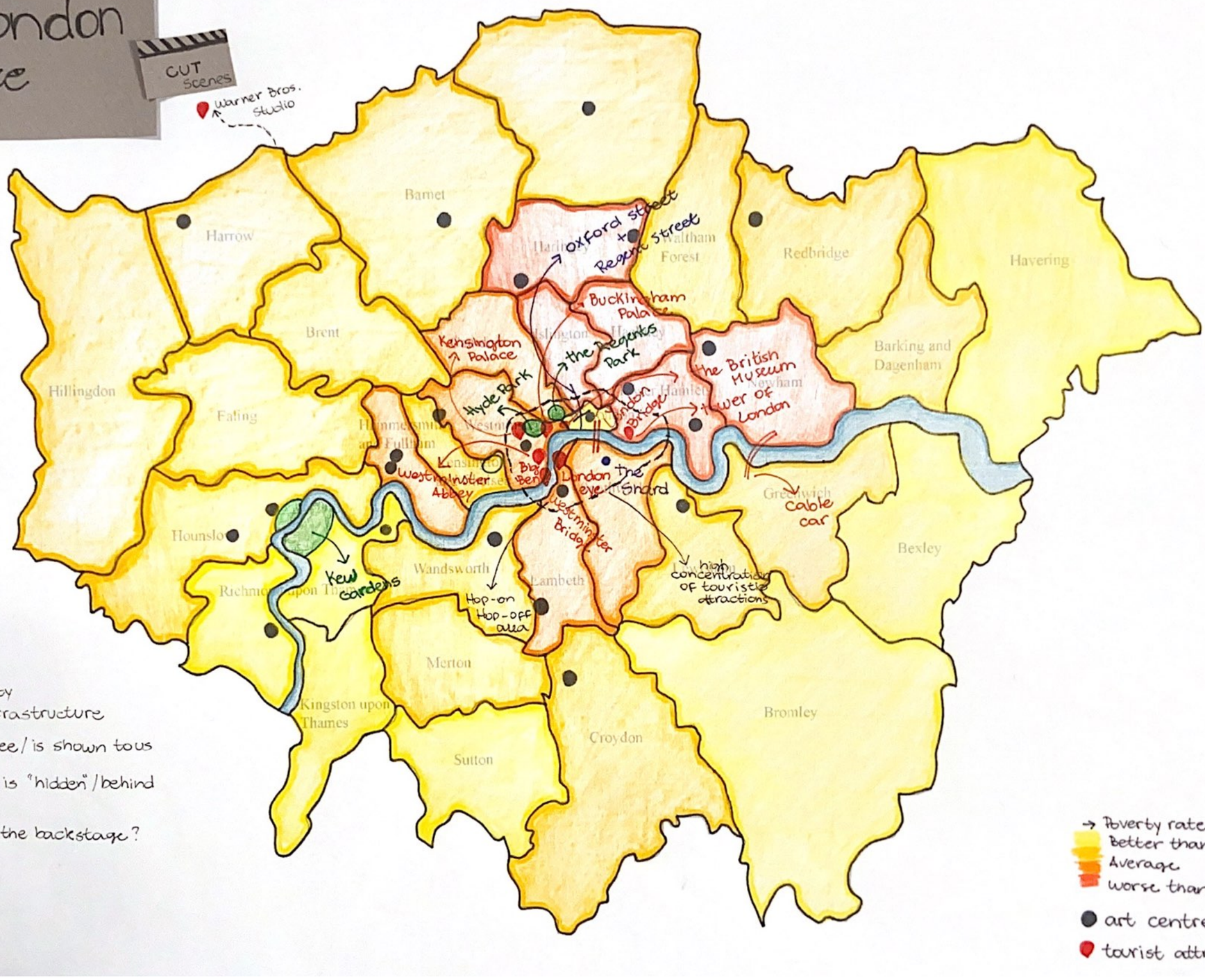
Investigation into social and economi-
cal situation in the Great London



the London we see

CUT Scenes

Warner Bros. Studio



→ Social inequality
→ Cultural inequality
→ Institutional infrastructure
→ the London we see / is shown to us
×
the London that is "hidden" / behind the scenes
→ What / Who is in the backstage?

→ Poverty rate
Better than average
Average
Worse than average
art centres
tourist attractions

the London we see

are there things that they (londoners) don't want us to see? what would be that?
- Poverty (is there actual poverty?)
- Who are the marginalized people?
  ↳ where do they live?
- what and where are the neglected areas?
  ↳ industrial parks?
  ↳ is there a pattern?

exemption:
↑↑↑ cultural places
↓ artists places
Poverty on average

opportunity areas

Oxford street
Regent Street

Buckingham Palace

the Regents Park

exeption:
↕ poverty rate
↑ cultural places
↓ artists
≈ theaters/cinmas

the London we see, that we're presented (at least as tourists)

opportunity areas

London the Strand

What is been screened? / How?
- History
- Tradition
- Prosperity/Power

high concentration of touristic attractions

Kew gardens

Hop-on Hop-off bus

Cultural inequality:
- map art centres
- map museums

↳ why most of cultural infrastructure is located in the center?
- because the surroundings are mainly residential?
- higher density?
- concentration of touristic/hid spots?

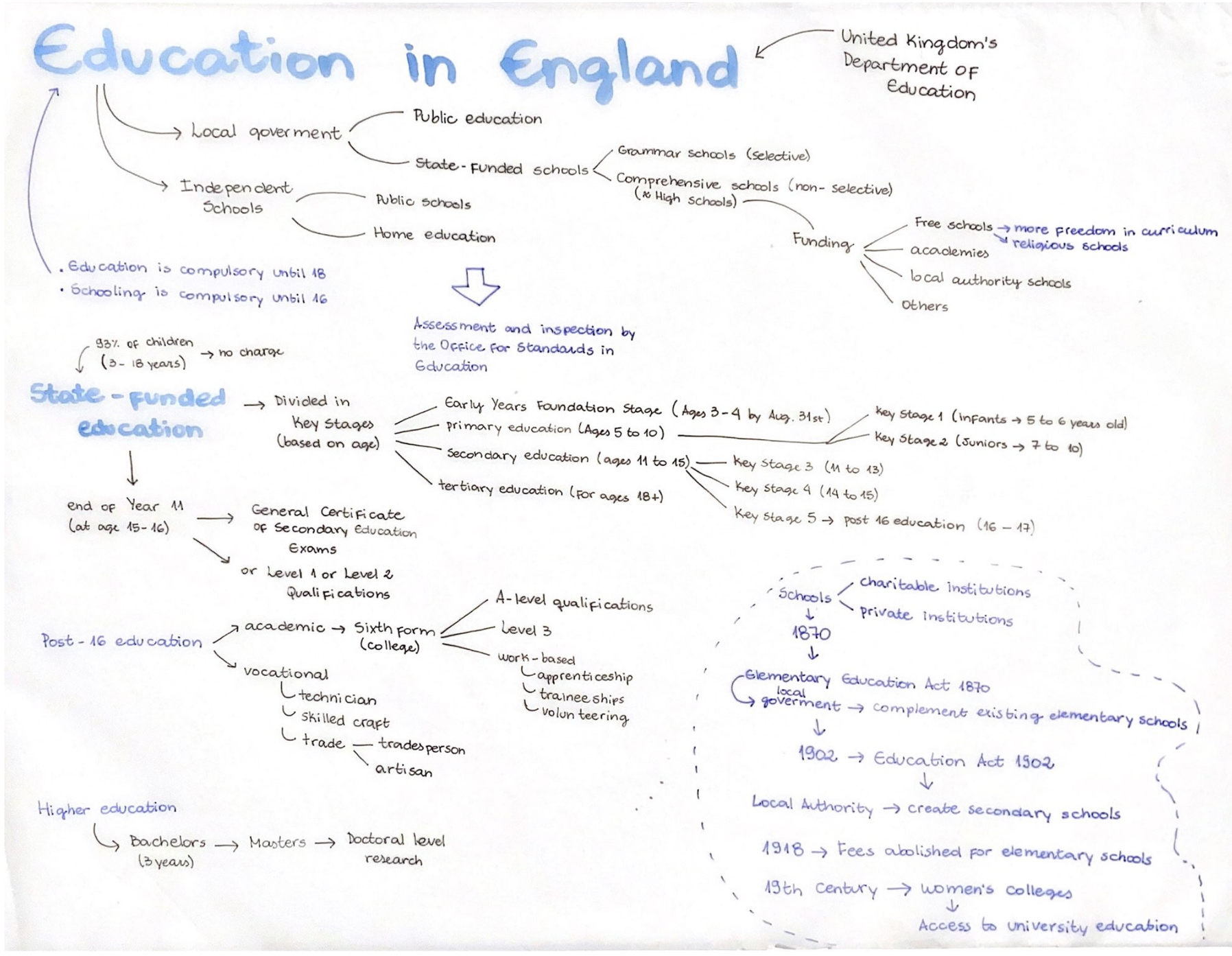
→ Social inequality
→ Cultural inequality
→ Institutional infrastructure
→ the London we see/ is shown tours
×
the London that is "hidden"/behind the scenes
→ what/who is in the backstage?

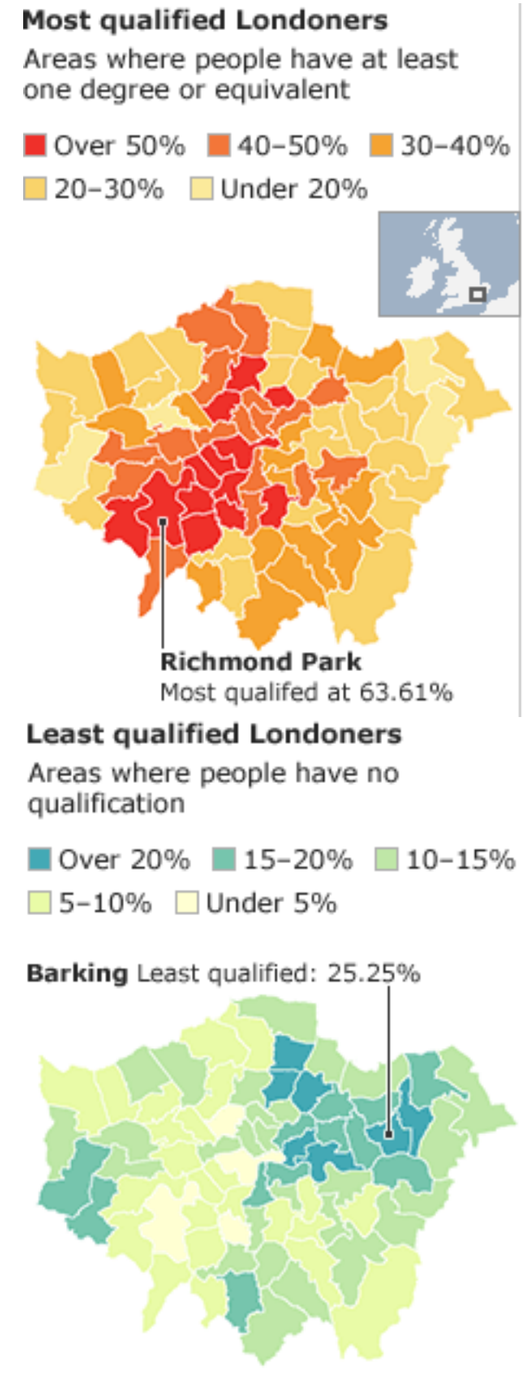
→ Poverty rate
Better than average
Average
Worse than average

art centres
tourist attractions

2. SEARCHING FOR A PROBLEM

b. Understanding the education system in London





SOURCE: UCU/ONS

2. SEARCHING FOR A PROBLEM

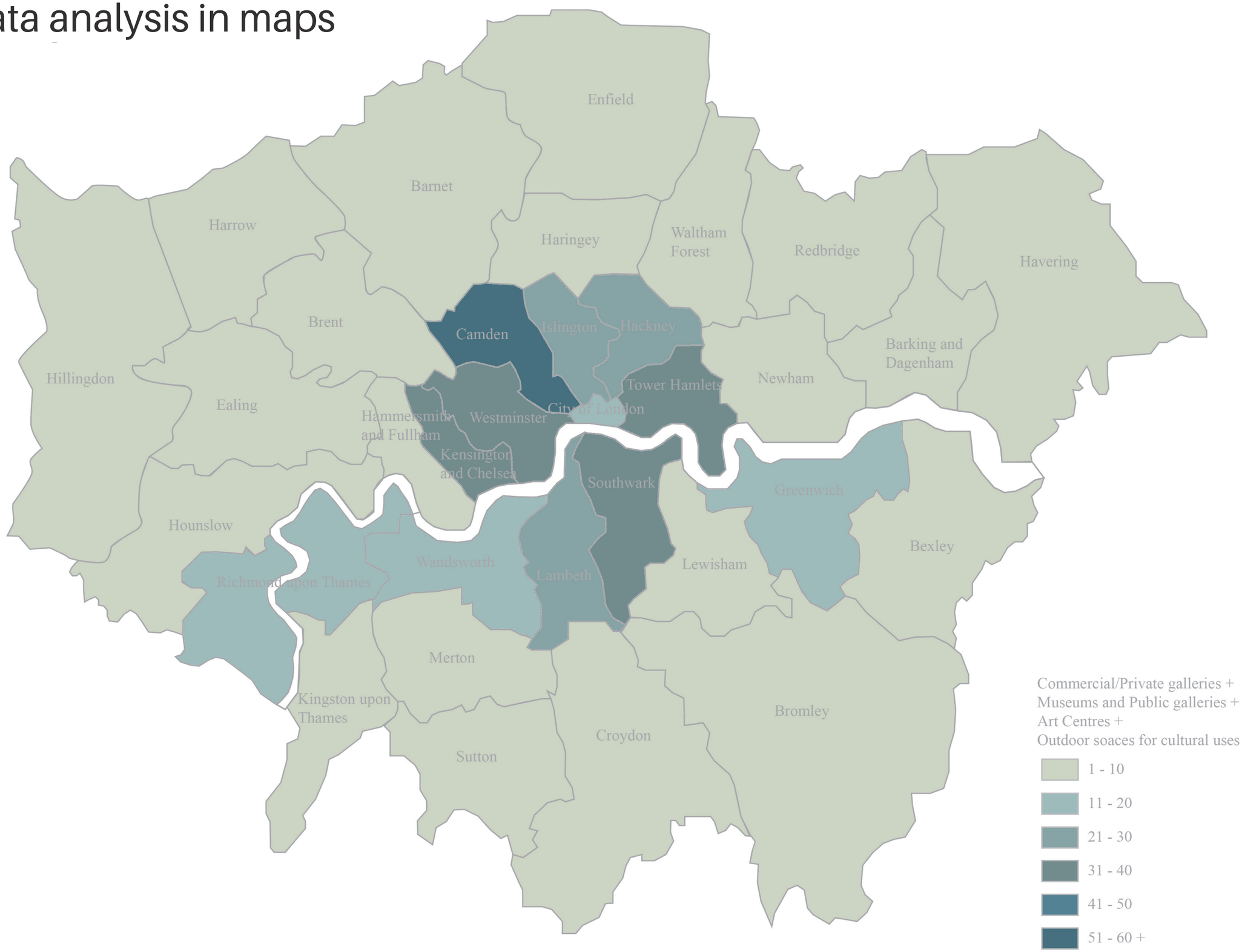
c. Data mining

Cultural Infrastructure x London boroughs

Cultural Infrastructure	Cultural Consumption					Cultural Production					Cultural Education				Cultural Leisure					
London boroughs	Commercial / Private galleries	Museums and Public galleries	Art Centres	Outdoor spaces for cultural uses	total	Artists Worspaces	Maker-space	Creative co-working desk space	Creative workspaces	total	Libraries	Archives	Community centers	total	Theatres	Cinemas	Music Venues	total	Final Total	**London boroughs**
Barking and Dagenham	0	1	1	0	2	1	0	0	2	3	6	0	27	33	1	1	4	6	88	Barking and Dagenham
Barnet	0	4	1	0	5	1	1	0	0	2	16	8	13	37	3	3	18	24	136	Barnet
Bexley	0	2	0	1	3	0	0	0	0	0	12	1	17	30	4	1	7	12	90	Bexley
Brent	1	1	1	0	3	5	3	1	0	9	8	1	19	28	1	3	4	8	96	Brent
Bromley	1	4	0	1	6	0	0	0	0	0	14	0	21	35	4	1	14	19	120	Bromley
Camden	33	26	1	1	61	5	3	1	1	10	12	103	110	225	24	12	60	96	784	Camden
City of London	4	7	1	0	12	1	1	0	1	3	4	49	2	55	5	1	24	30	200	City of London
City of Westminster	1	28	1	5	35	5	4	2	3	14	12	154	34	200	52	22	98	172	842	City of Westminster
Croydon	0	1	1	0	2	1	1	1	0	3	13	2	12	27	3	3	13	19	102	Croydon
Ealing	1	0	0	0	1	8	0	1	1	10	13	2	26	41	2	1	15	18	140	Ealing
Enfield	0	1	1	0	2	0	1	0	0	1	17	2	13	32	4	2	8	14	98	Enfield
Greenwich	4	7	0	1	12	7	5	1	1	14	11	3	27	41	3	3	16	22	178	Greenwich
Hackney	26	3	1	0	30	41	10	13	21	85	8	9	90	107	12	4	105	121	686	Hackney
Hammersmith and Fulham	4	2	2	0	8	6	2	3	0	11	5	13	34	52	10	3	14	27	196	Hammersmith and Fulham
Haringey	2	1	2	0	5	9	3	3	8	23	8	6	27	41	8	5	7	20	178	Haringey
Harrow	1	4	1	0	6	2	0	0	1	3	6	4	11	21	2	1	3	6	72	Harrow
Havering	0	1	0	0	1	0	0	0	1	1	10	0	22	32	2	1	9	12	92	Havering
Hillingdon	0	1	0	0	1	1	0	0	0	1	17	7	27	51	3	2	8	13	132	Hillingdon
Hounslow	0	5	2	1	8	4	0	0	0	4	11	7	21	39	6	2	14	22	146	Hounslow
Islington	17	7	0	0	24	6	1	5	6	18	10	34	60	104	15	3	64	82	456	Islington
Kensington and Chelsea	25	10	1	0	36	4	1	1	1	7	6	19	18	43	9	5	16	30	232	Kensington and Chelsea
Kingston-Upon-Thames	0	2	0	0	2	1	0	0	0	1	7	0	14	21	2	1	9	12	72	Kingston-Upon-Thames
Lambeth	13	5	2	1	21	20	8	5	4	37	10	28	54	92	18	7	56	81	462	Lambeth
Lewisham	2	1	1	0	4	17	2	0	7	26	13	9	9	31	10	2	25	37	196	Lewisham
Merton	1	3	0	0	4	3	0	0	1	4	7	5	11	23	6	1	6	13	88	Merton
Newham	0	1	1	0	2	9	3	0	0	12	10	7	18	35	4	3	9	16	130	Newham
Redbridge	0	1	1	0	2	1	0	0	0	1	13	1	7	21	2	3	7	12	72	Redbridge
Richmond-upon-Thames	0	9	2	0	11	0	0	0	0	0	13	4	11	28	8	3	20	31	140	Richmond-upon-Thames
Southwark	20	8	0	3	31	28	10	7	7	52	12	37	30	79	21	6	33	60	444	Southwark
Sutton	0	3	0	0	3	1	0	0	0	1	8	1	10	19	0	0	10	10	66	Sutton
Tower Hamlets	24	9	2	1	36	36	7	4	14	61	8	25	42	75	7	7	48	62	468	Tower Hamlets
Waltham Forest	1	4	0	0	5	10	6	1	4	21	10	2	32	44	5	1	21	27	194	Waltham Forest
Wandsworth	8	0	1	2	11	6	2	1	0	9	11	13	34	58	7	2	16	25	206	Wandsworth

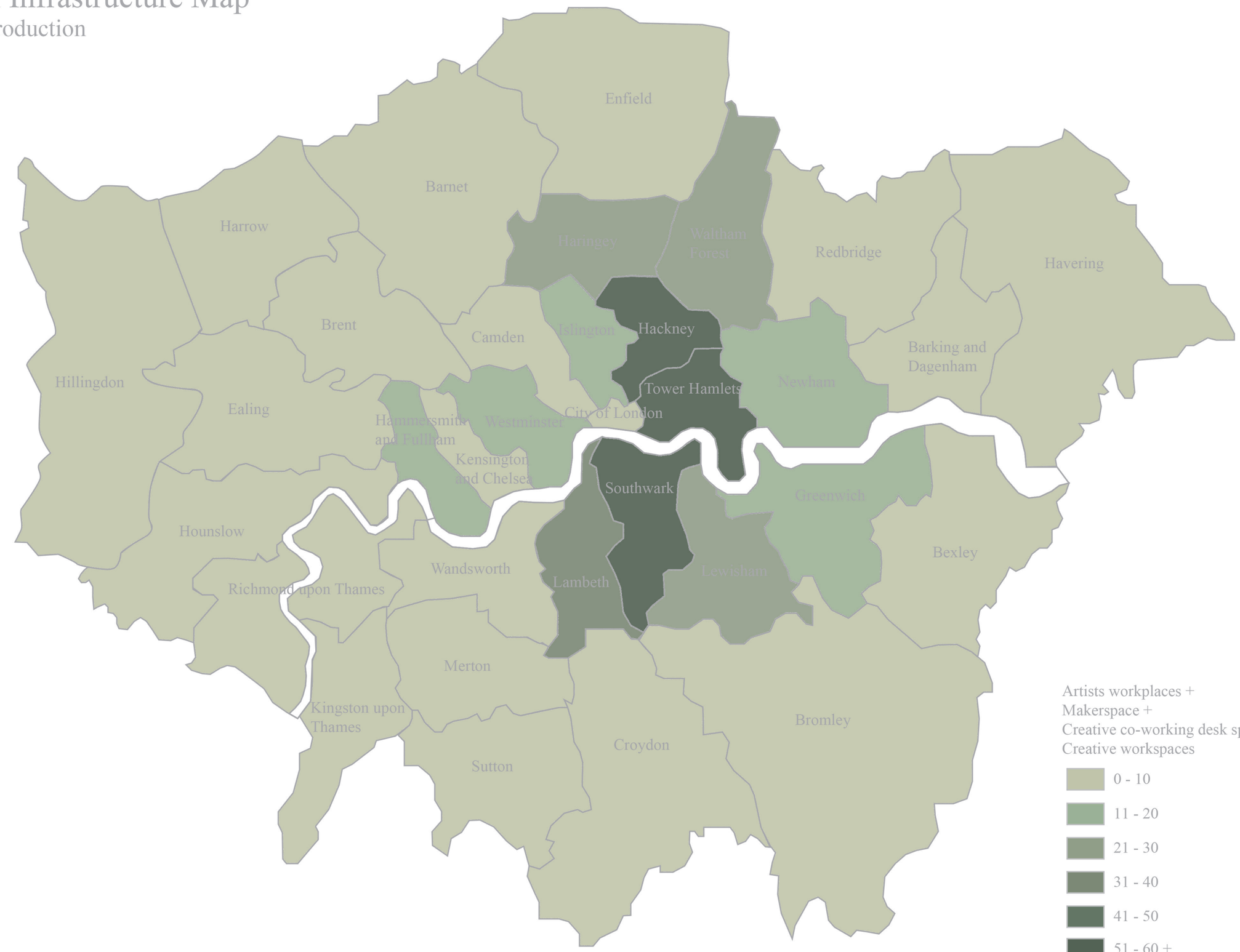
3. IDENTIFYING THE PROBLEM

a. Data analysis in maps



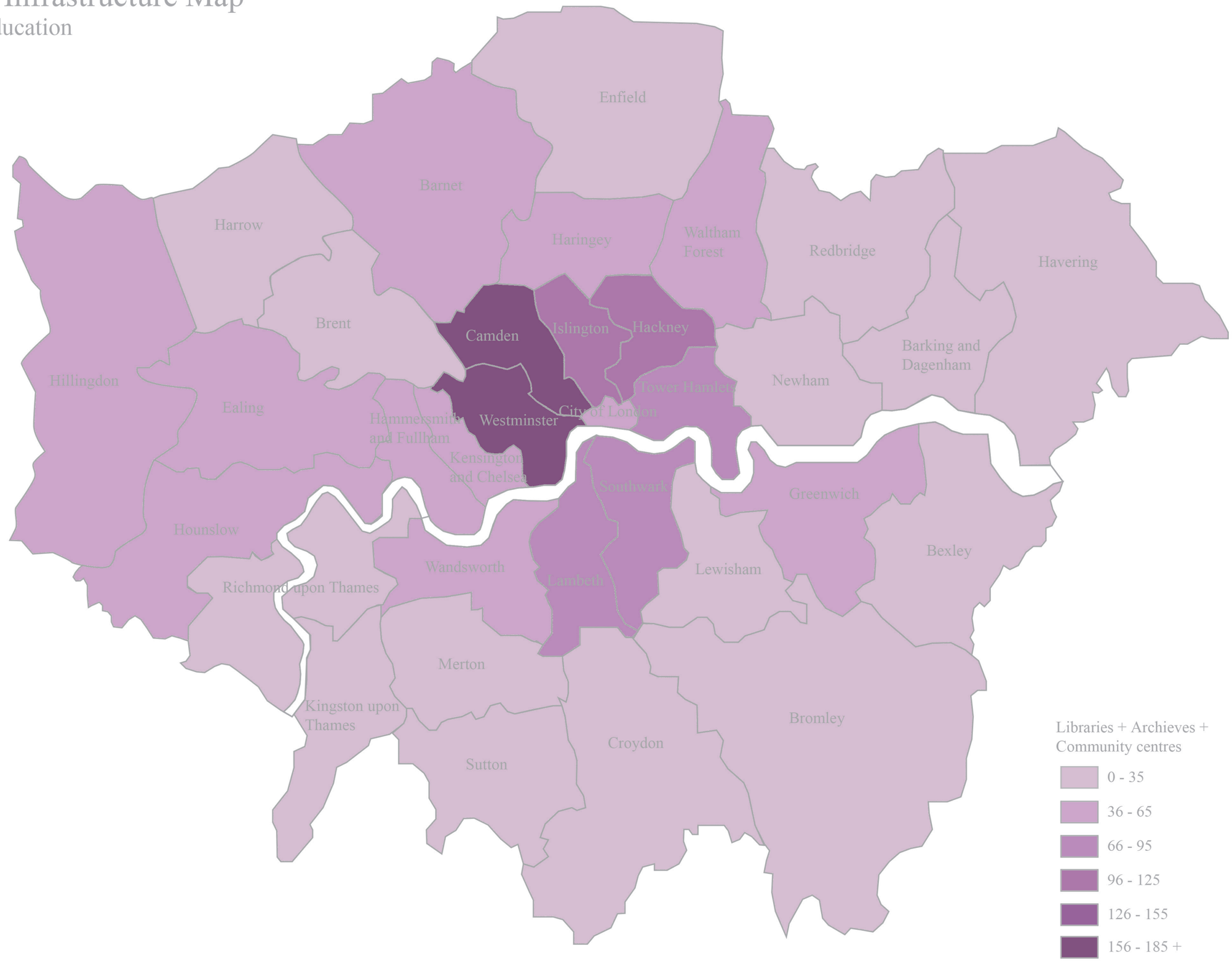
Cultural Infrastructure Map

Cultural Production



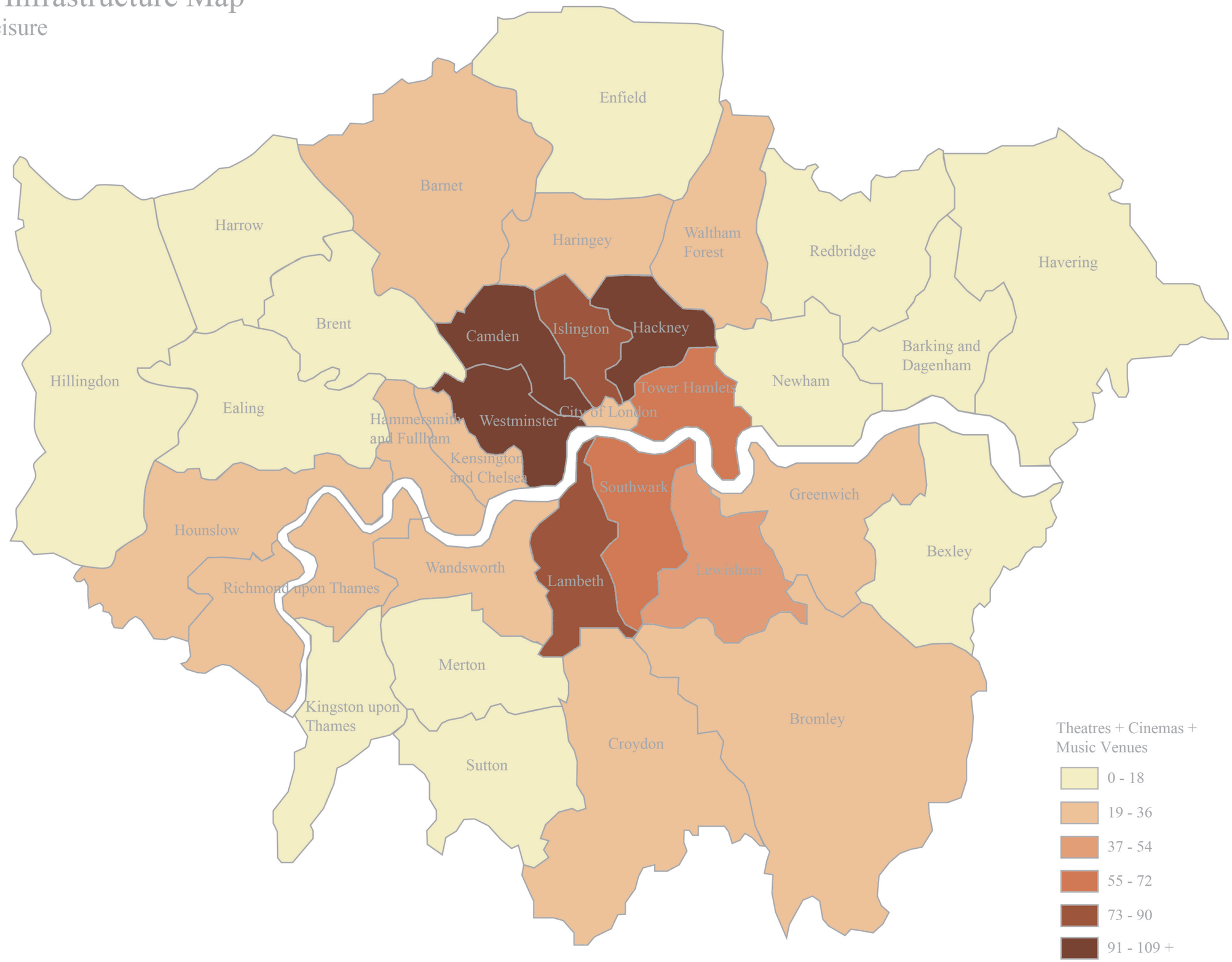
Cultural Infrastructure Map

Cultural Education



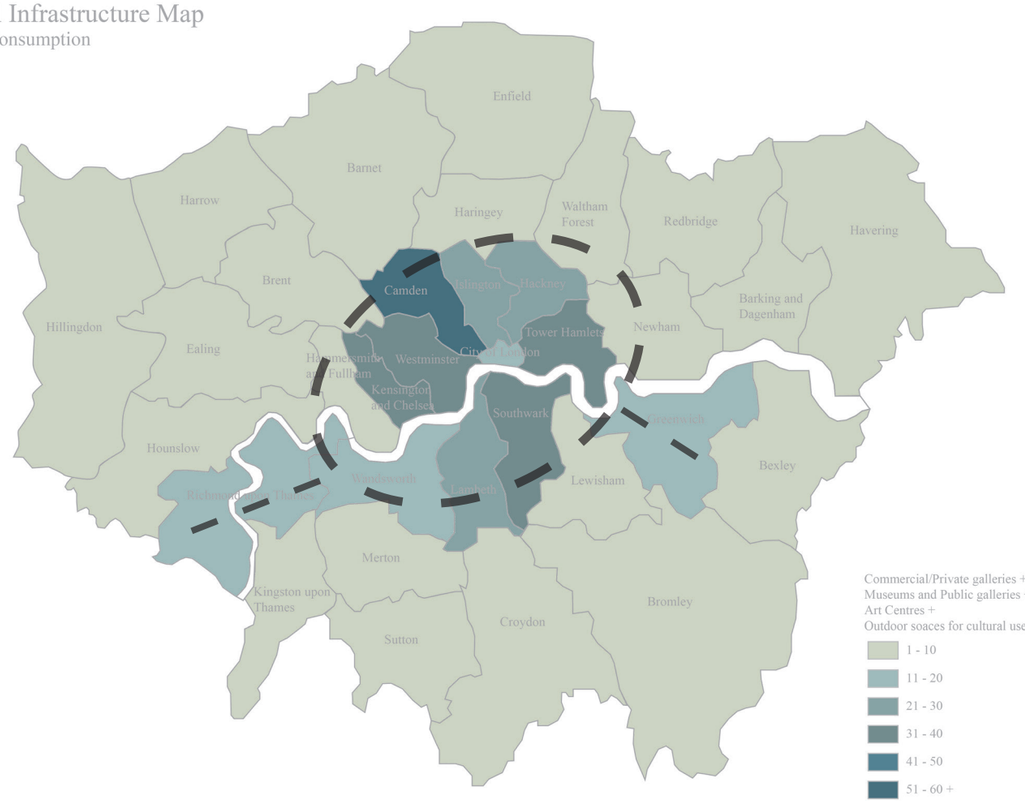
Cultural Infrastructure Map

Cultural Leisure



Cultural Infrastructure Map

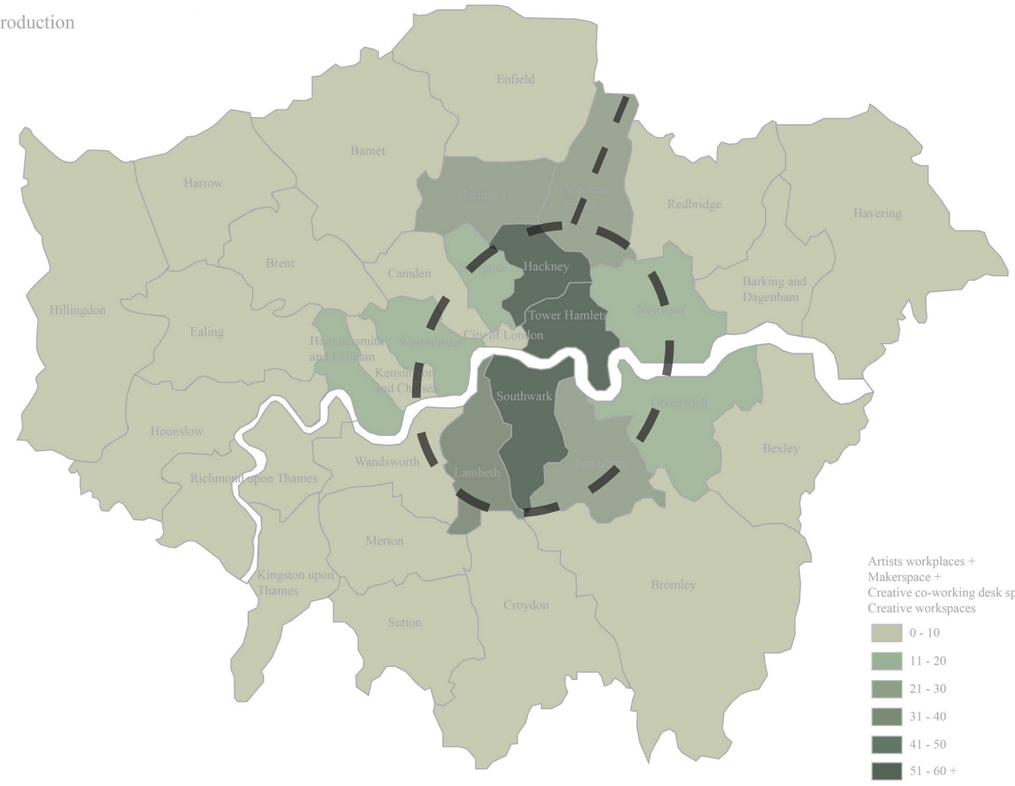
Cultural Consumption



Commercial/Private galleries +
Museums and Public galleries +
Art Centres +
Outdoor soaces for cultural uses

- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 60 +

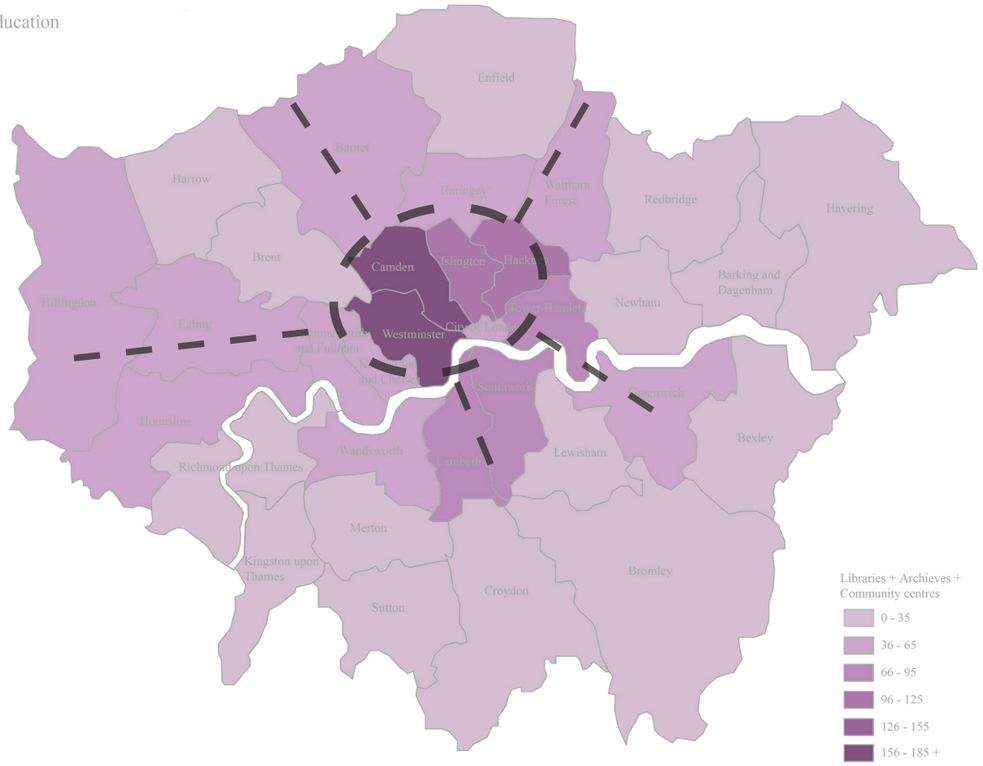
Cultural Production



Artists workplaces +
Makerspace +
Creative co-working desk space +
Creative workspaces

- 0 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 60 +

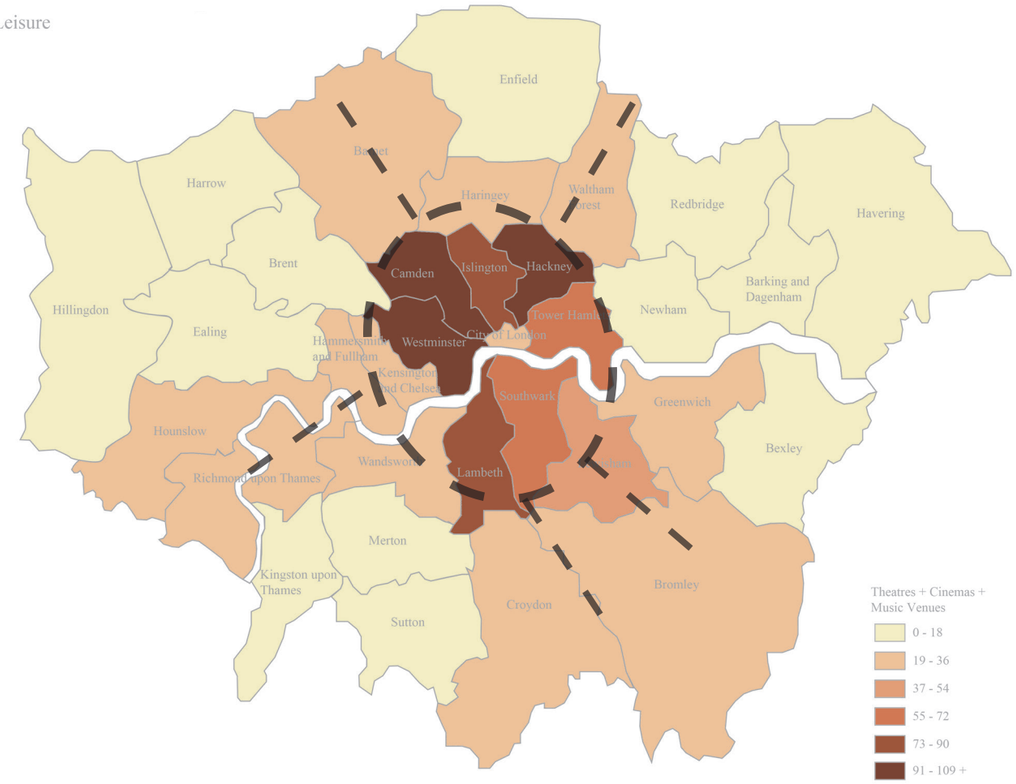
Cultural Education



Libraries + Archieves +
Community centres

- 0 - 35
- 36 - 65
- 66 - 95
- 96 - 125
- 126 - 155
- 156 - 185 +

Cultural Leisure



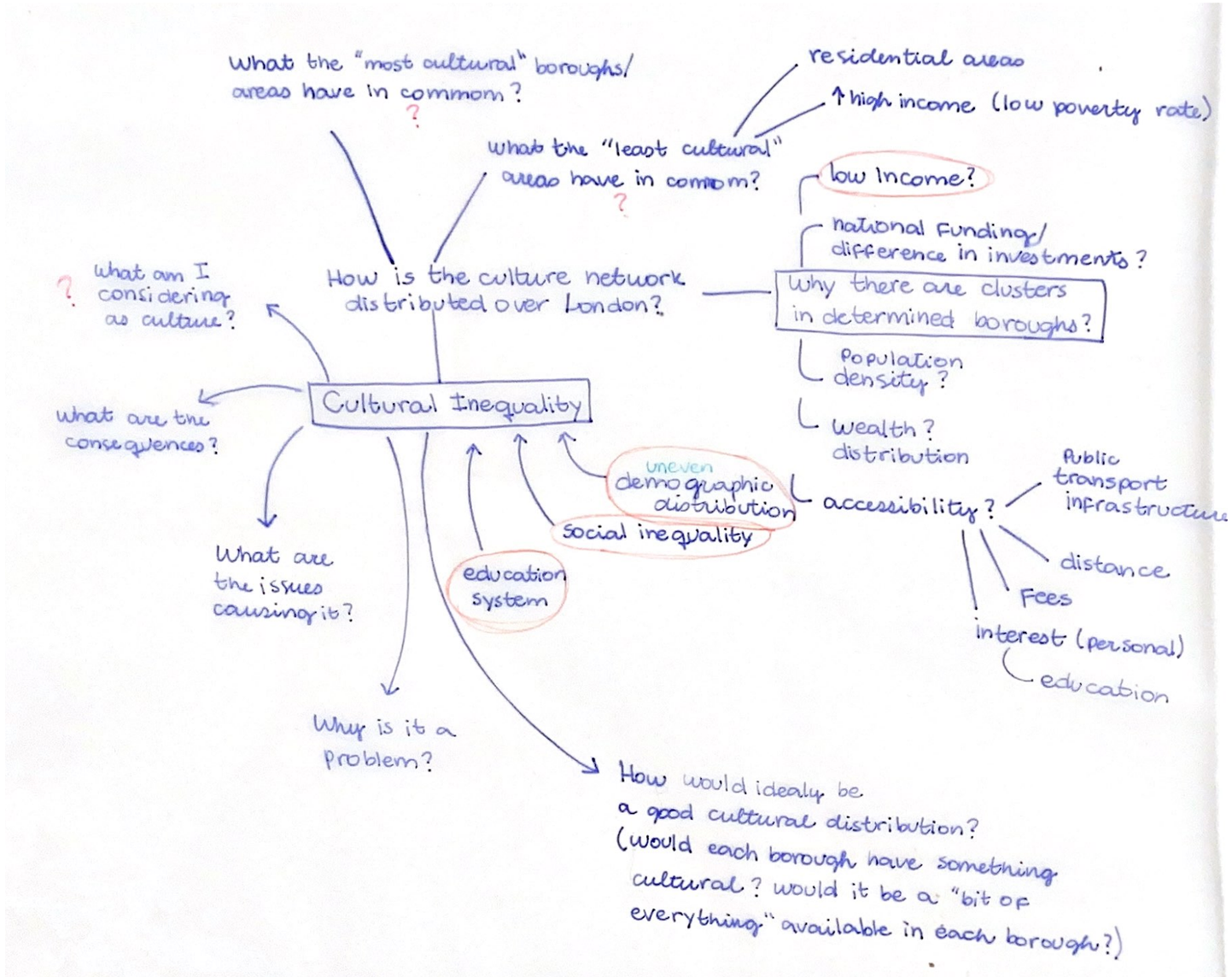
Theatres + Cinemas +
Music Venues

- 0 - 18
- 19 - 36
- 37 - 54
- 55 - 72
- 73 - 90
- 91 - 109 +

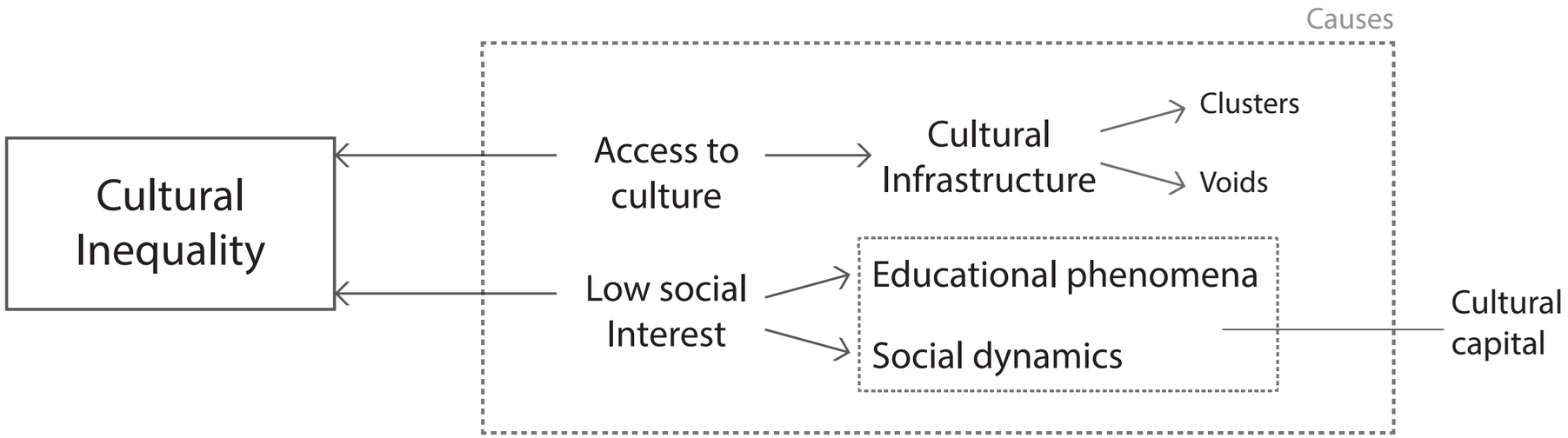
4. RESEARCH TOPIC

Cultural Inequality

Process of trying to define better the research problem



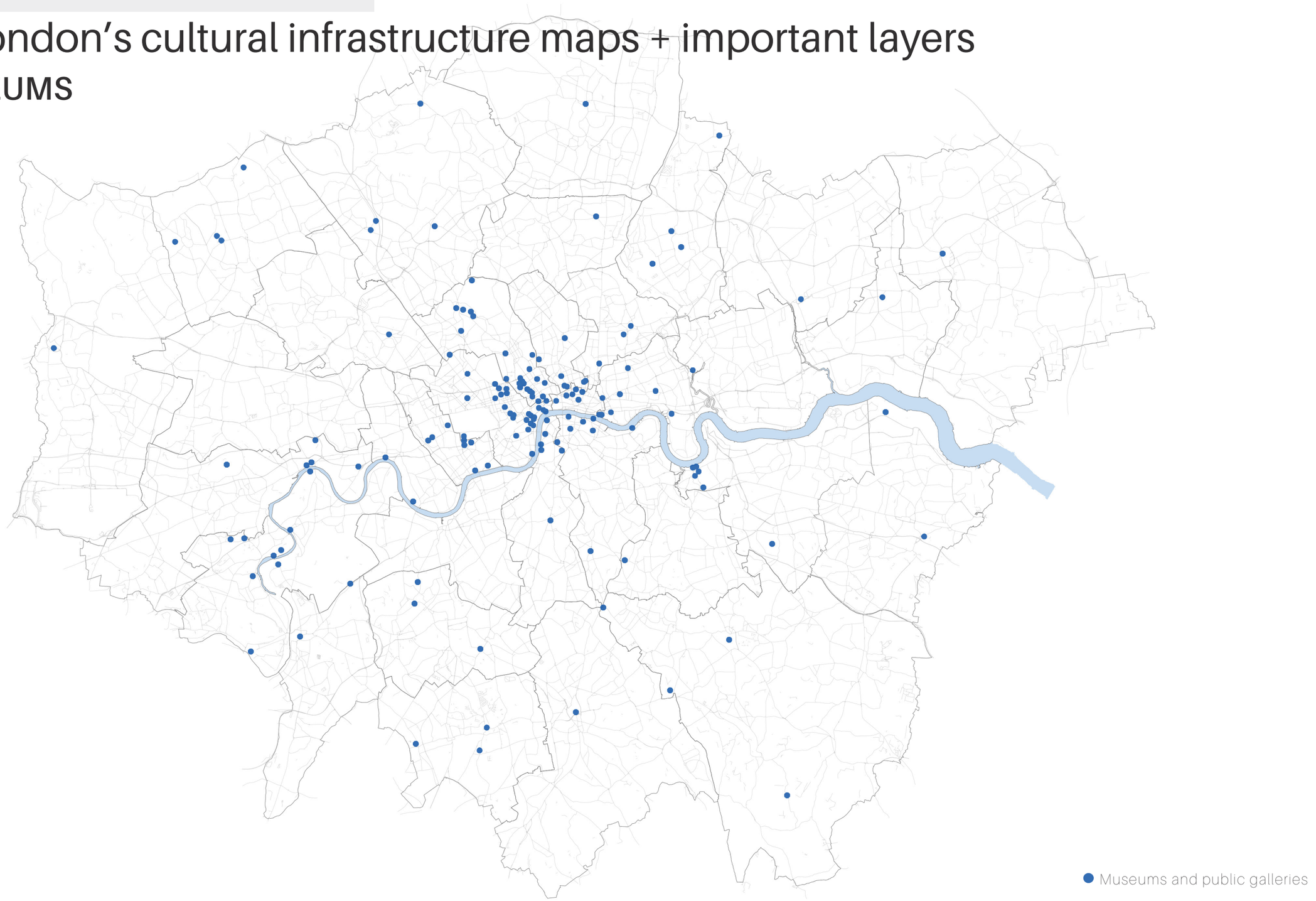
4. RESEARCH TOPIC



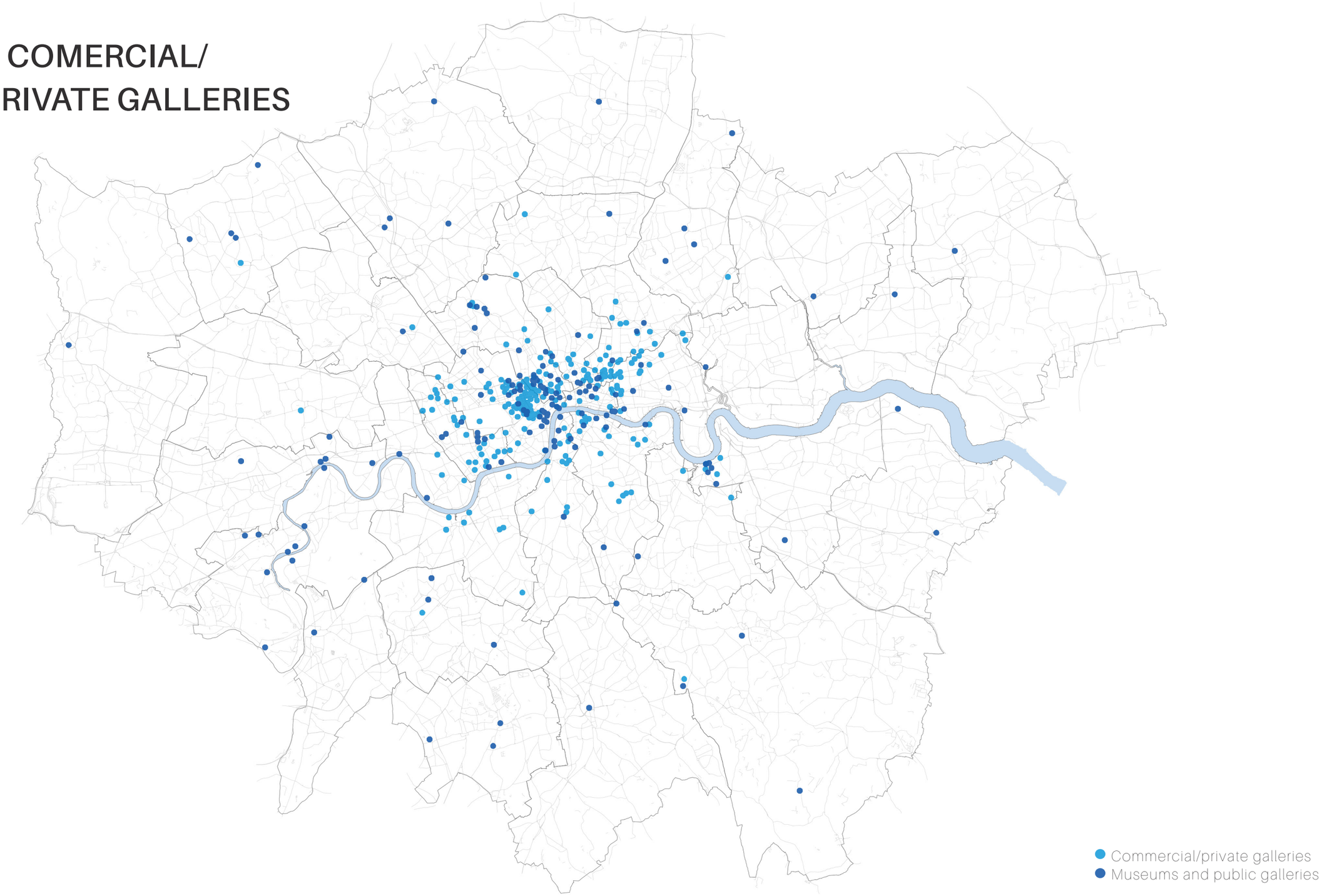
4. RESEARCH TOPIC

a. London’s cultural infrastructure maps + important layers

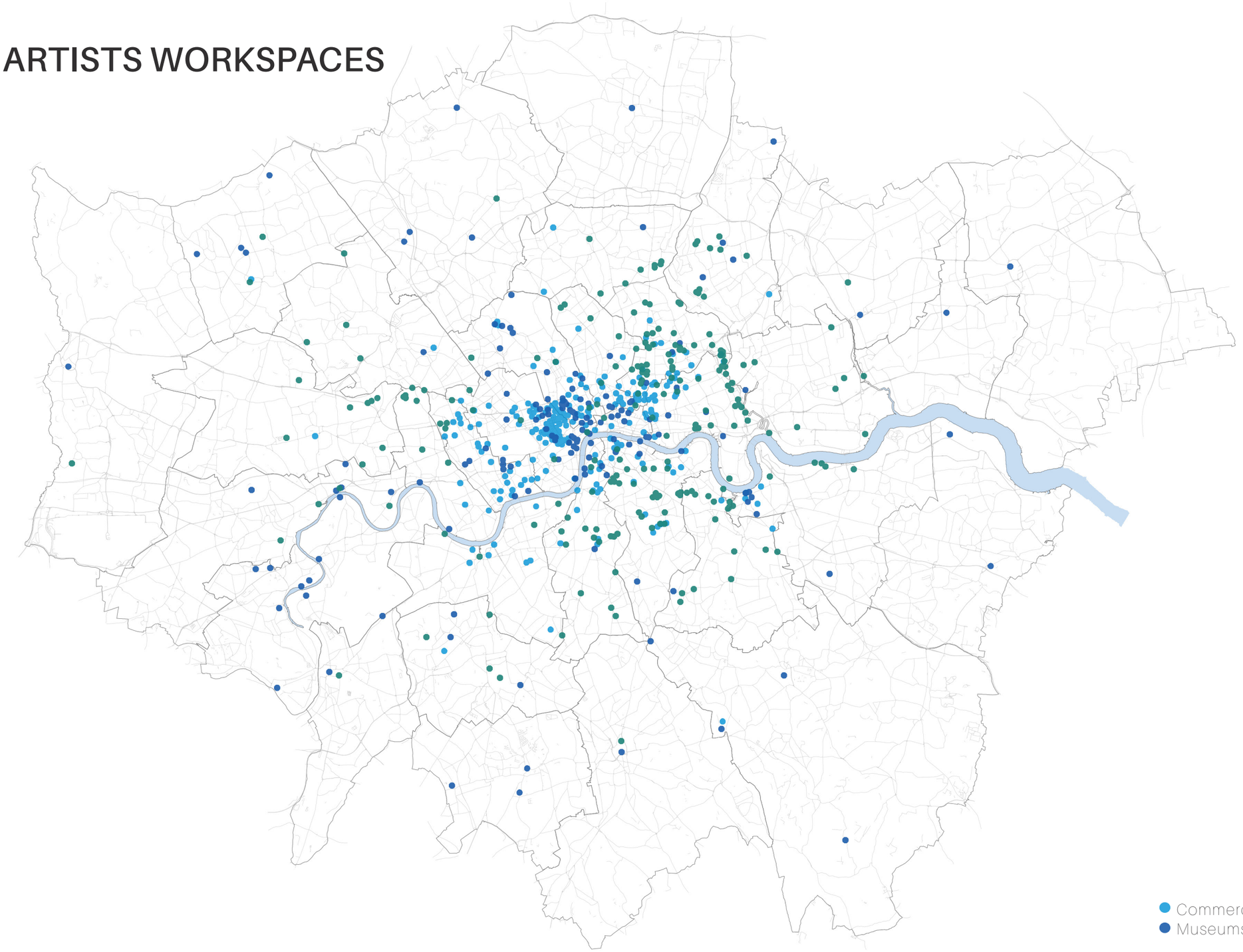
MUSEUMS



+ COMERCIAL/
PRIVATE GALLERIES



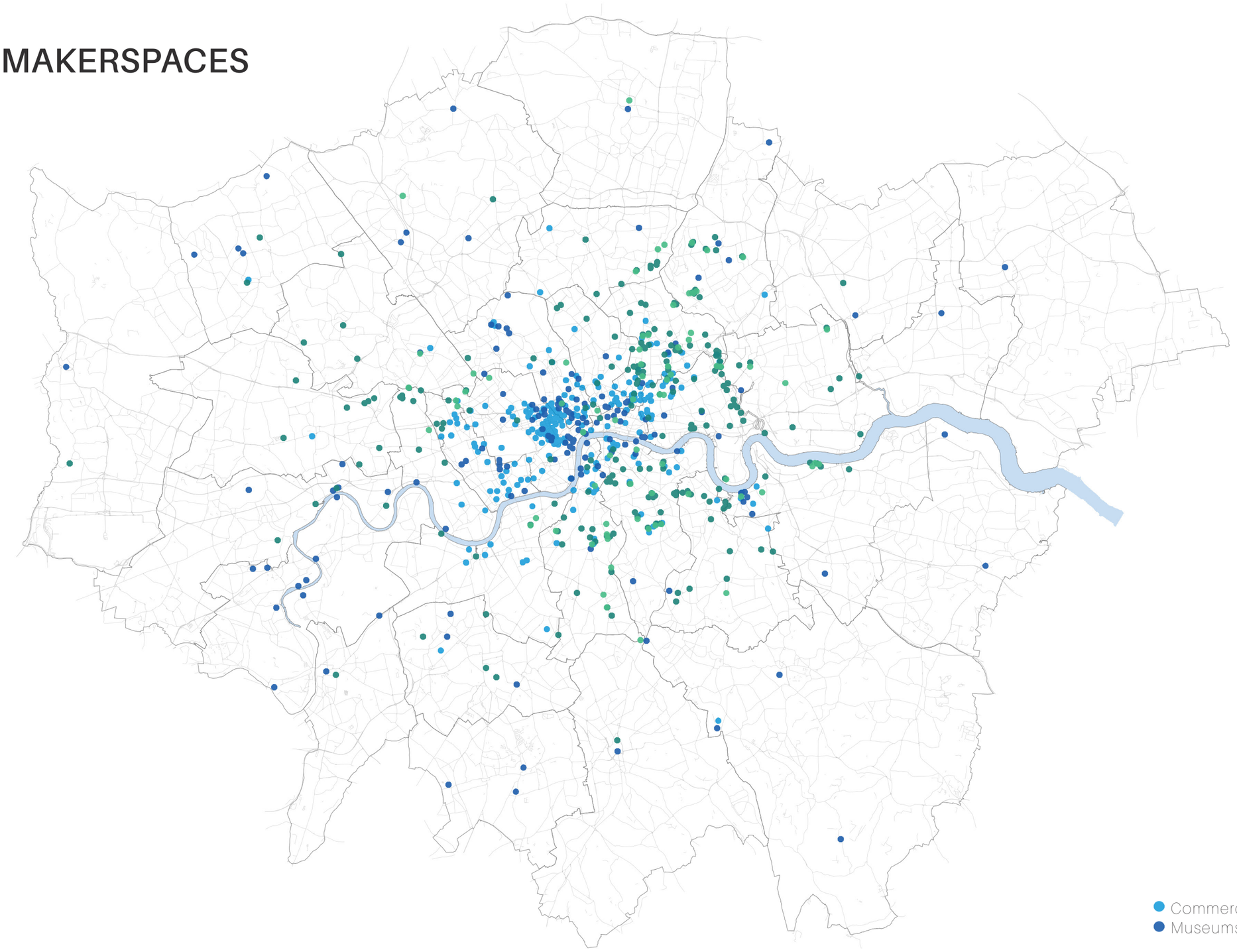
+ ARTISTS WORKSPACES



Commercial/private galleries
Museums and public galleries

Artist workspaces

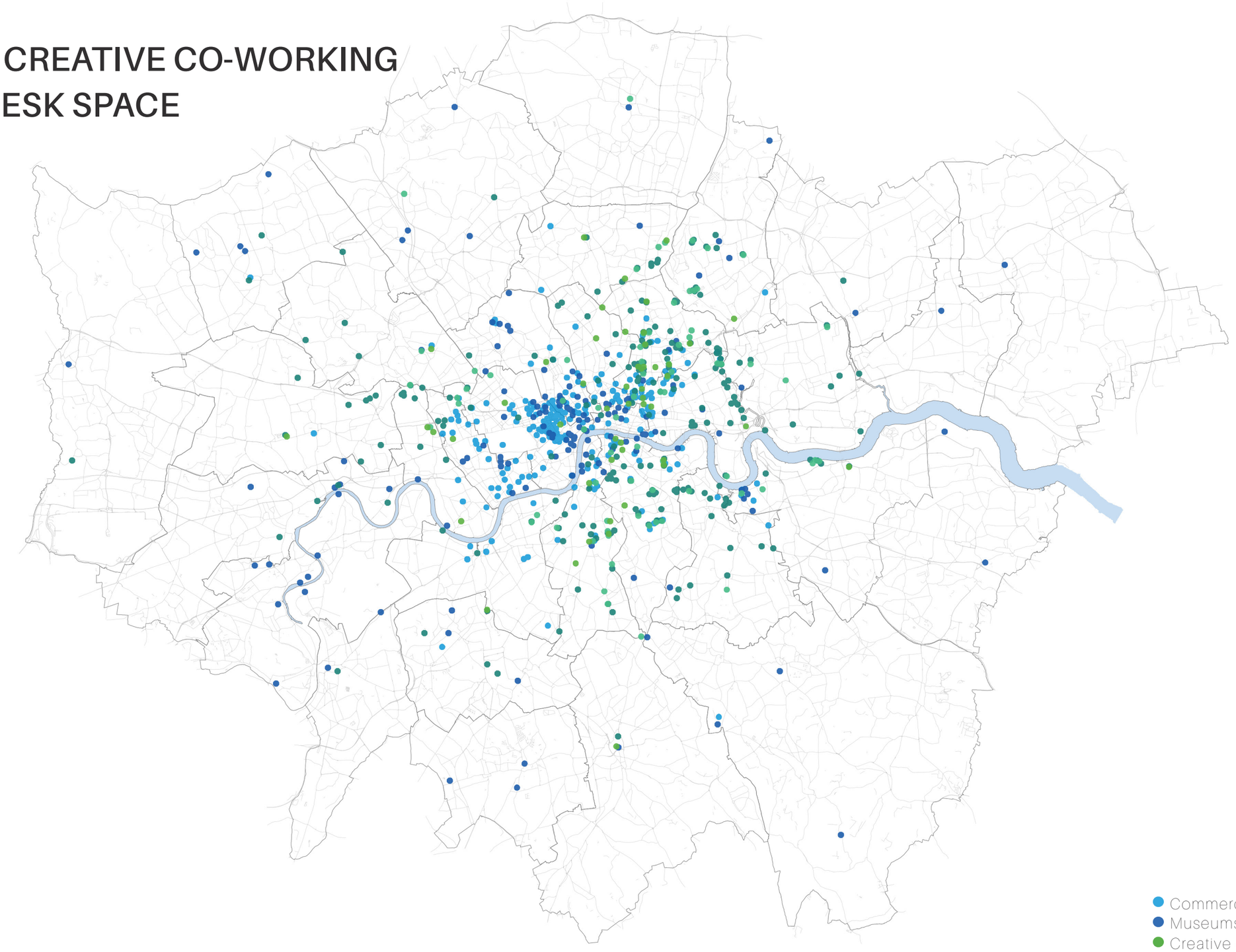
+ MAKERSPACES



Commercial/private galleries
Museums and public galleries

Makerspace
Artist workspaces

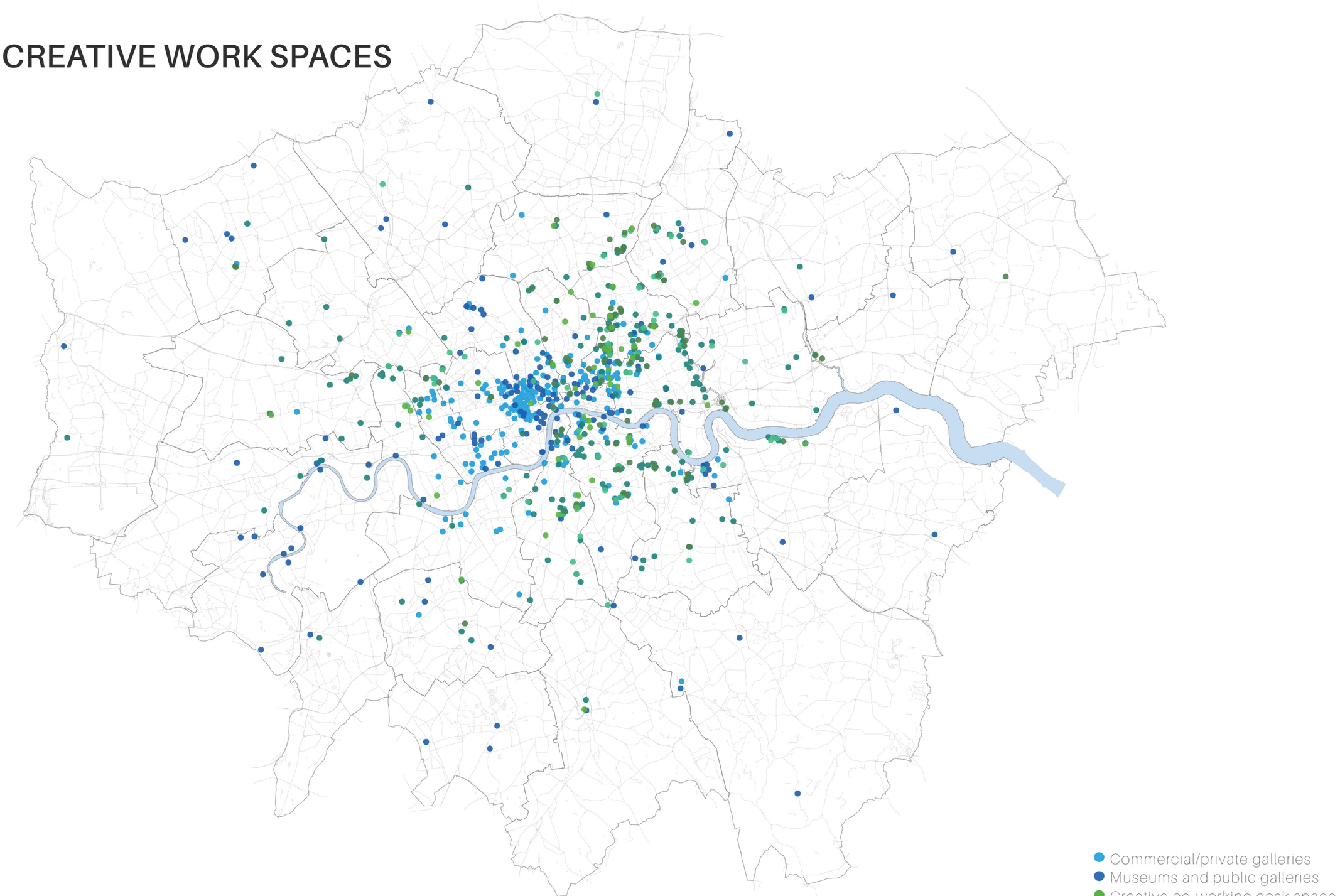
+ CREATIVE CO-WORKING
DESK SPACE



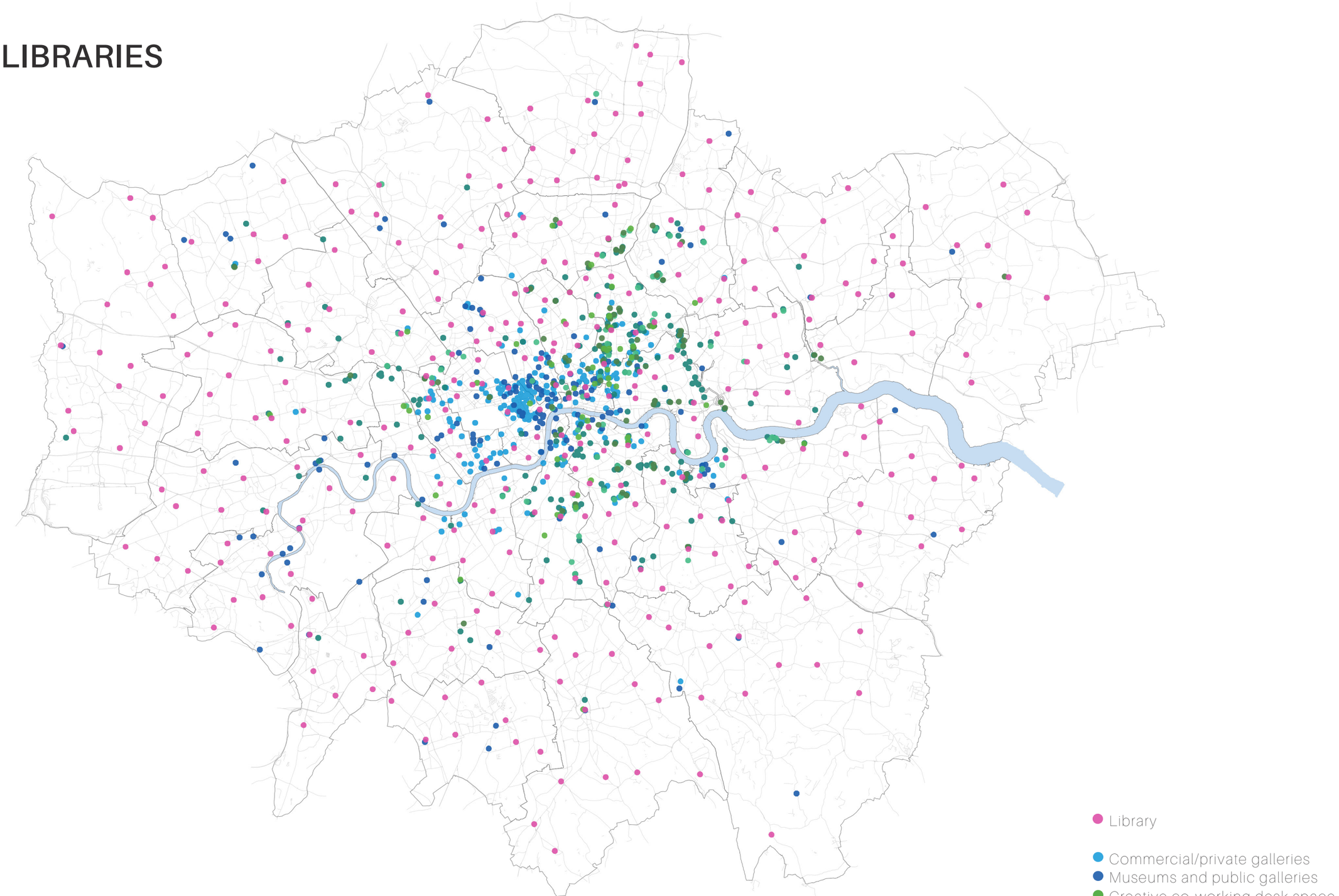
Commercial/private galleries
Museums and public galleries
Creative co-working desk space

Makerspace
Artist workspaces

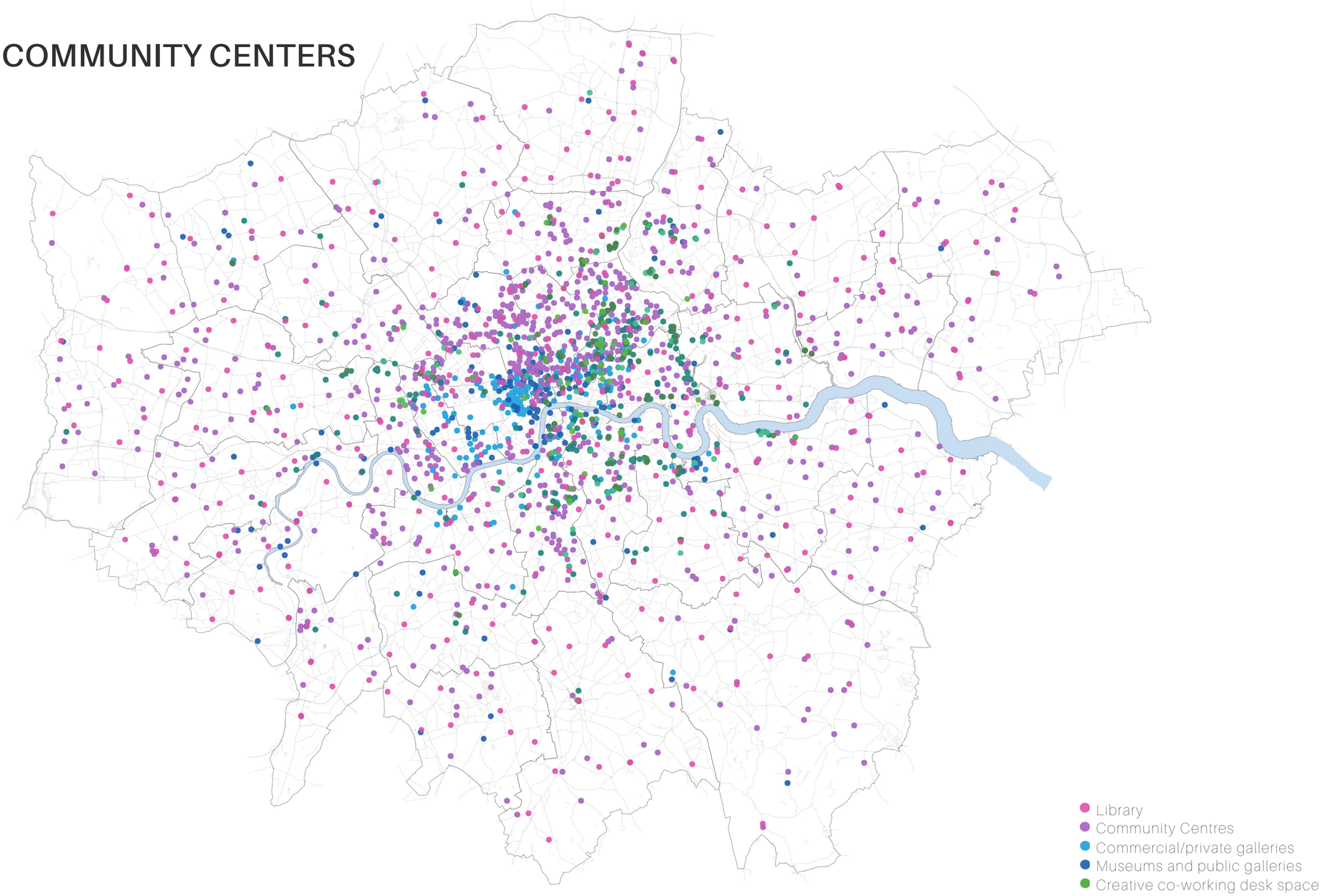
+ CREATIVE WORK SPACES



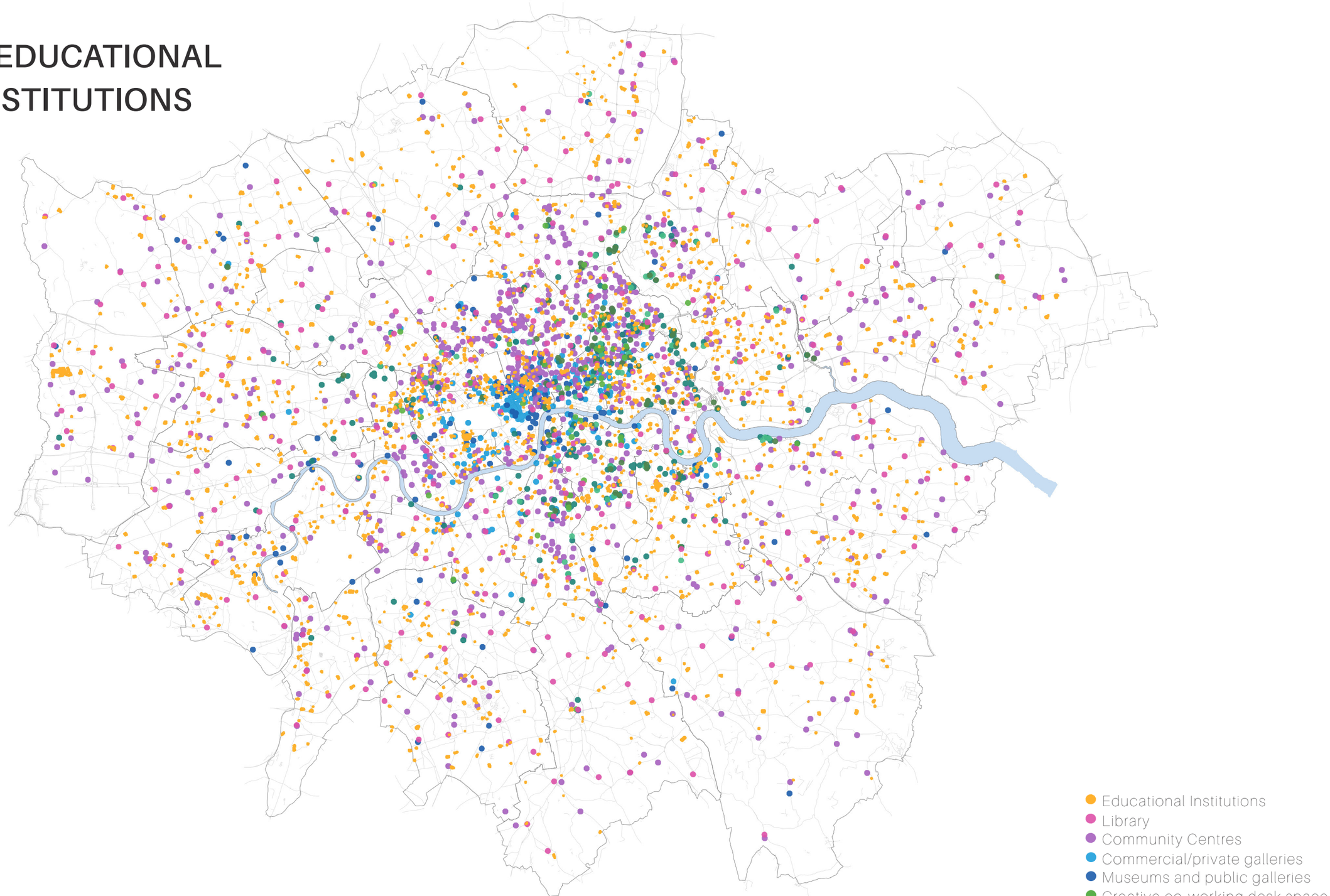
+ LIBRARIES


Library
Commercial/private galleries
Museums and public galleries
Creative co-working desk space
Creative workspaces
Makerspace
Artist workspaces

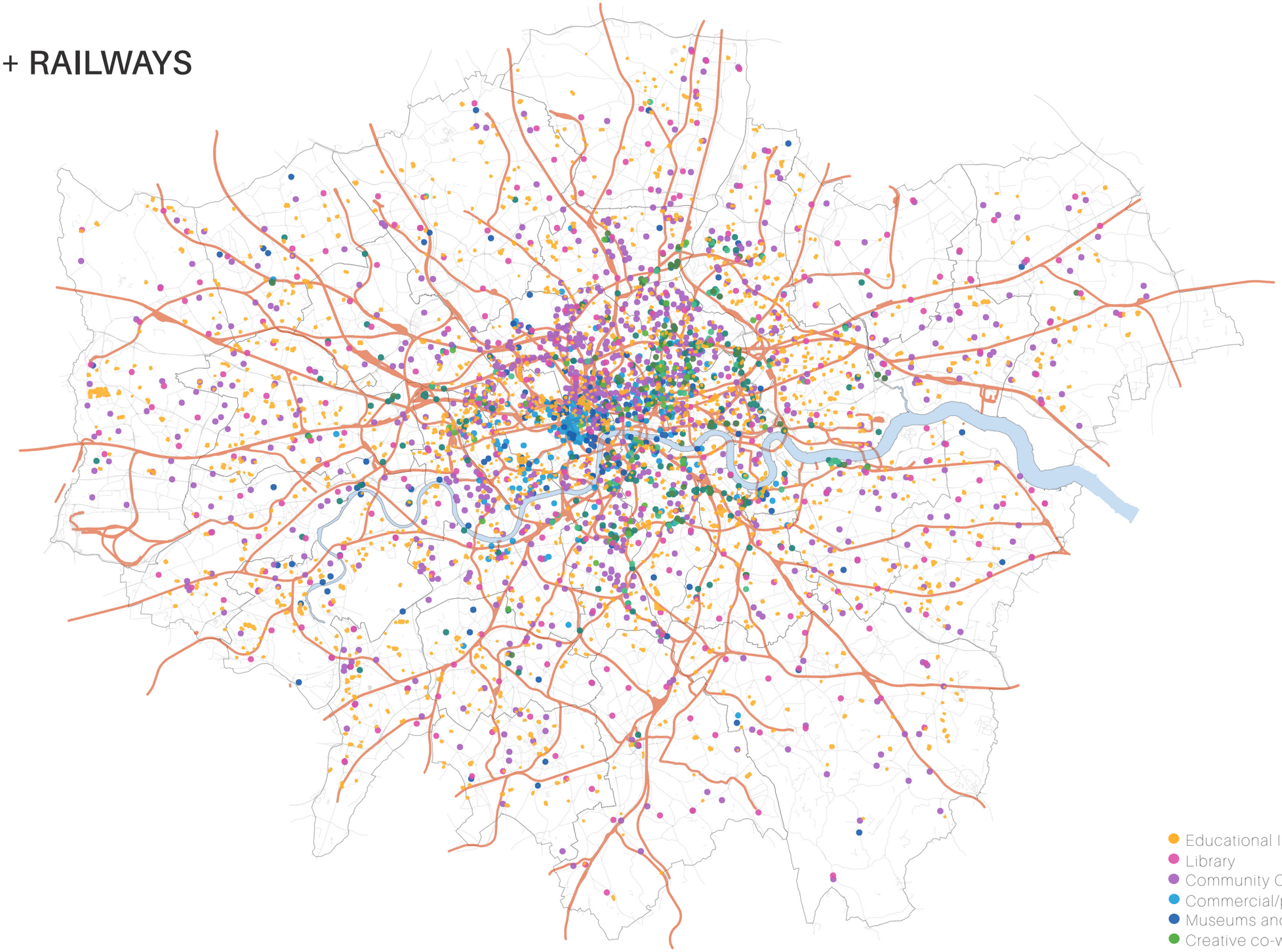
+ COMMUNITY CENTERS



+ EDUCATIONAL INSTITUTIONS

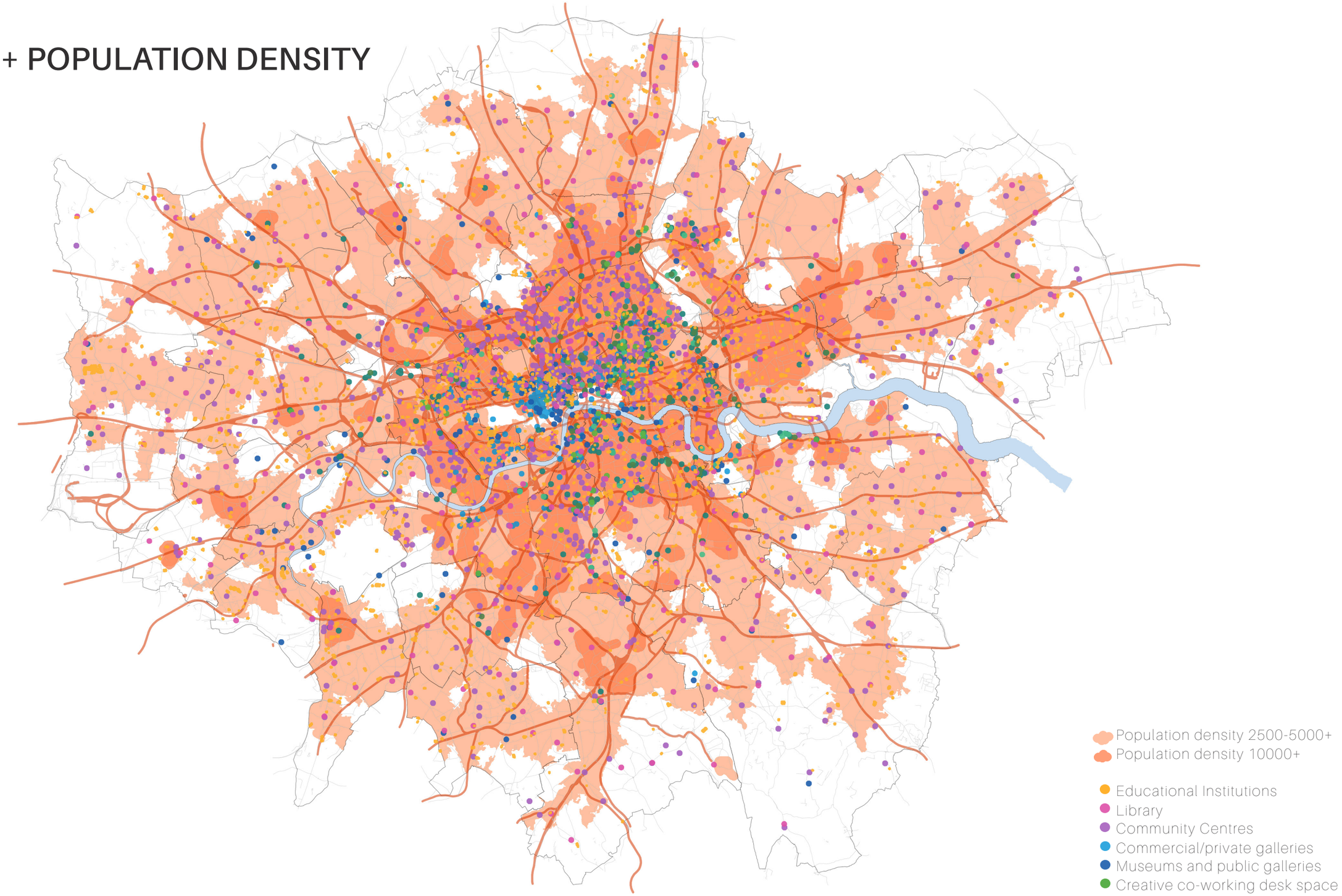


+ RAILWAYS

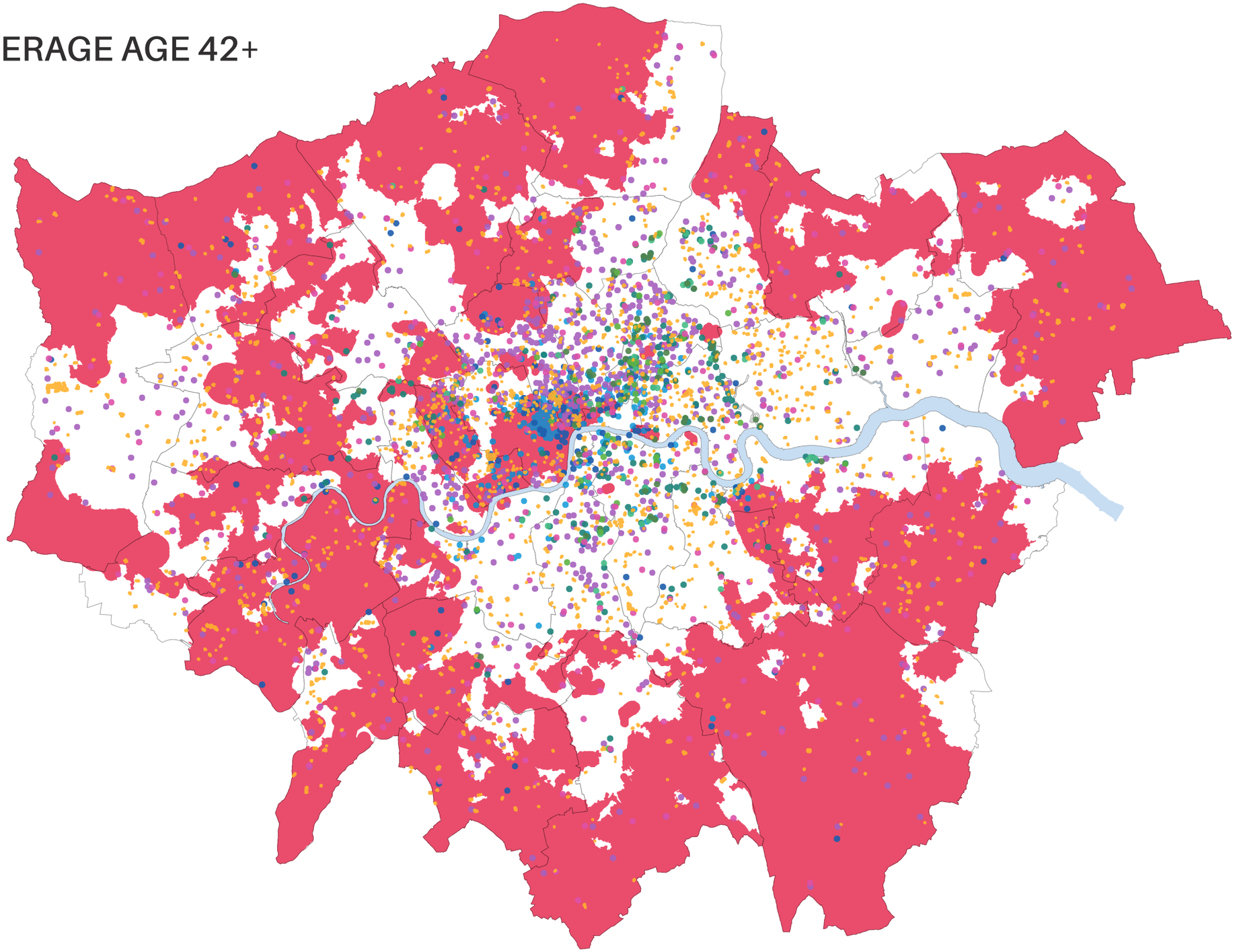


- Educational Institutions
- Library
- Community Centres
- Commercial/private galleries
- Museums and public galleries
- Creative co-working desk space
- Creative workspaces
- Makerspace
- Artist workspaces

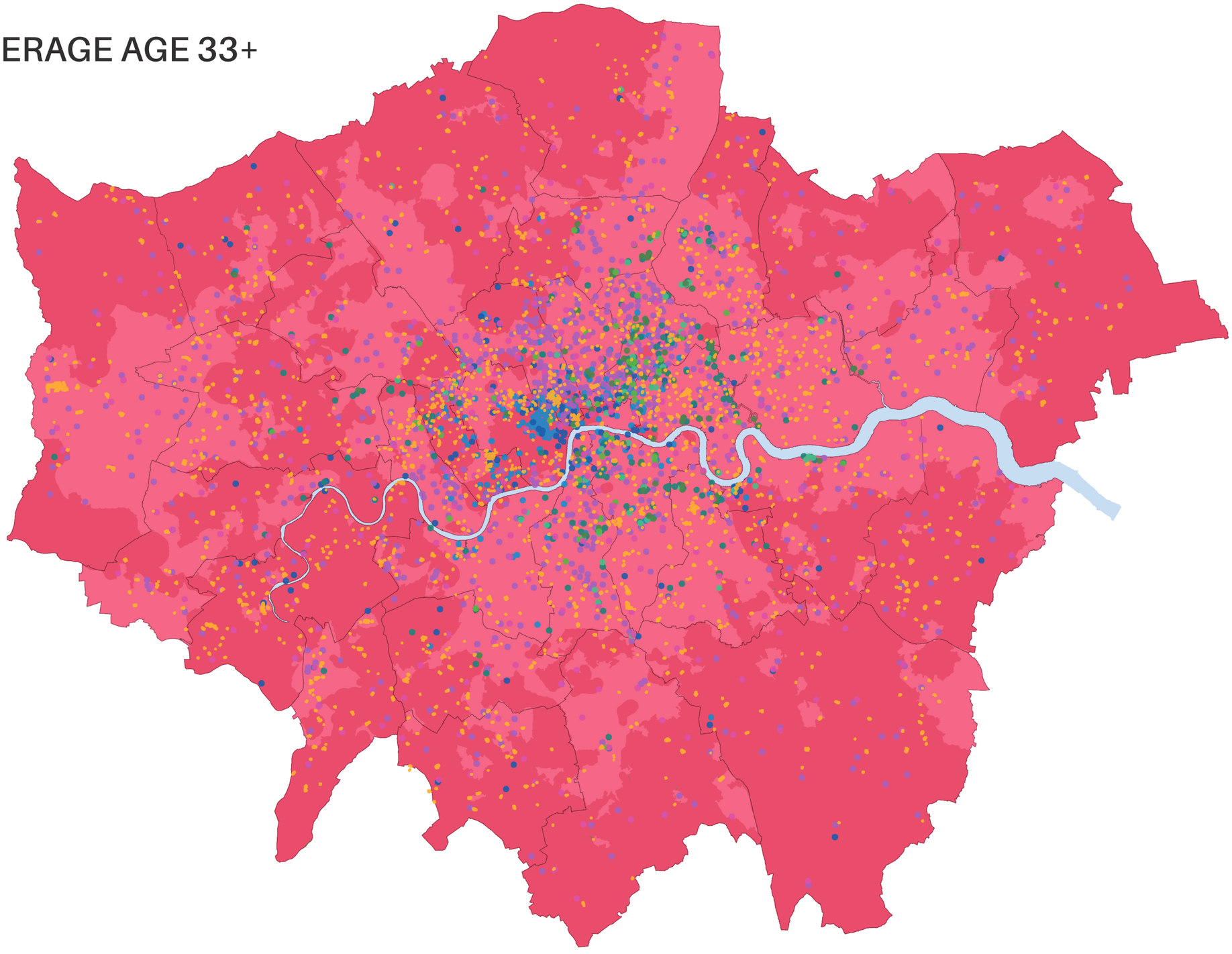
+ POPULATION DENSITY



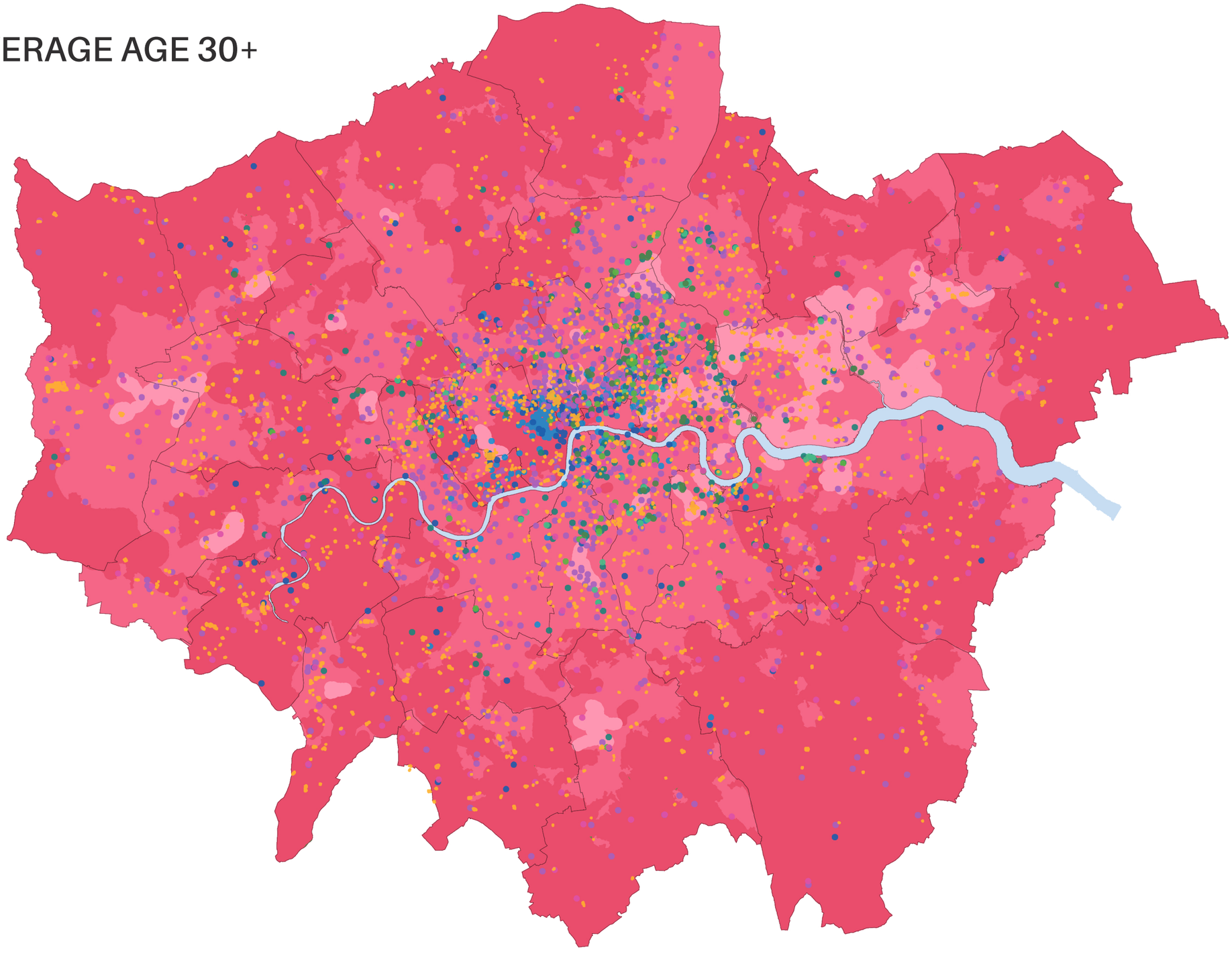
AVERAGE AGE 42+



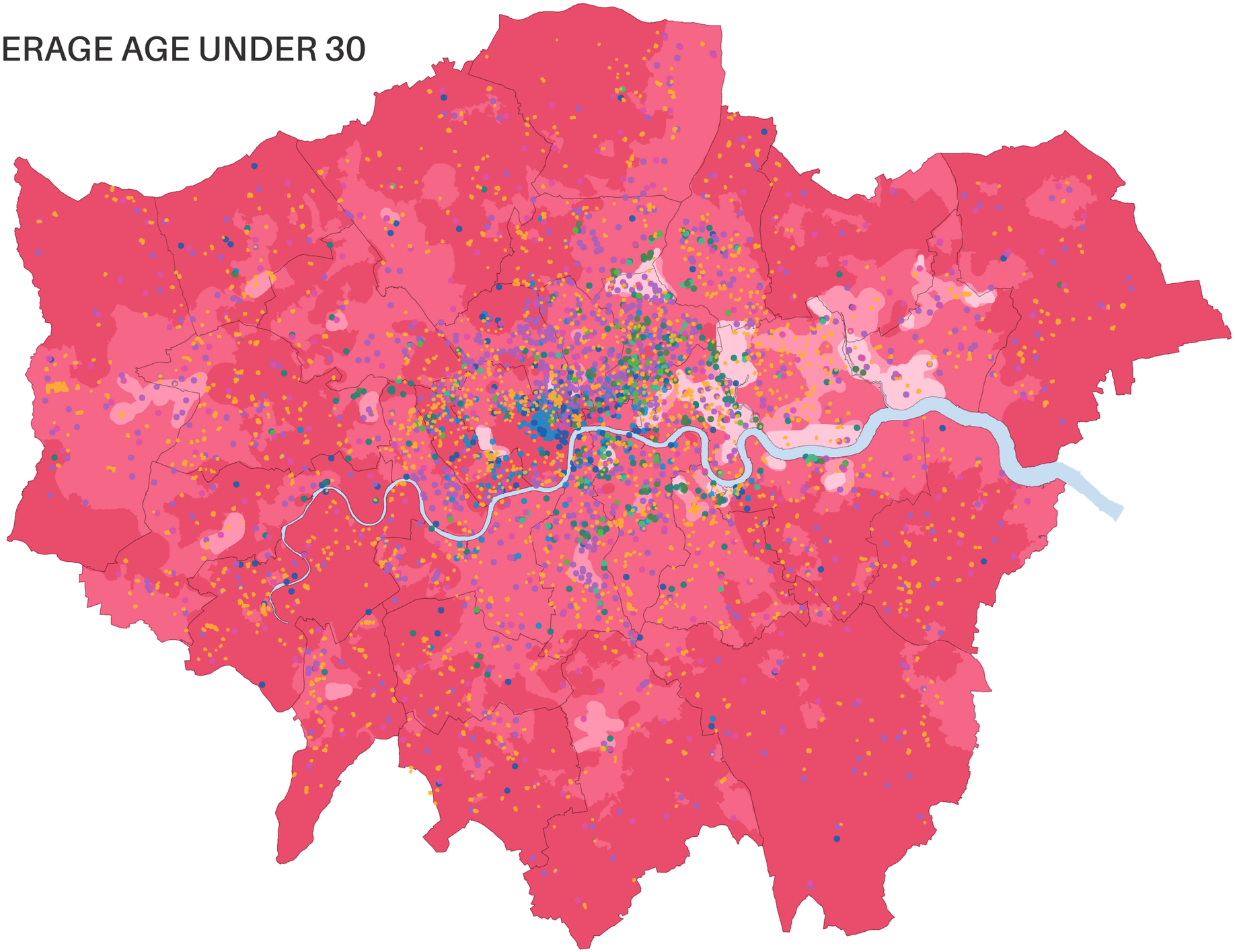
AVERAGE AGE 33+



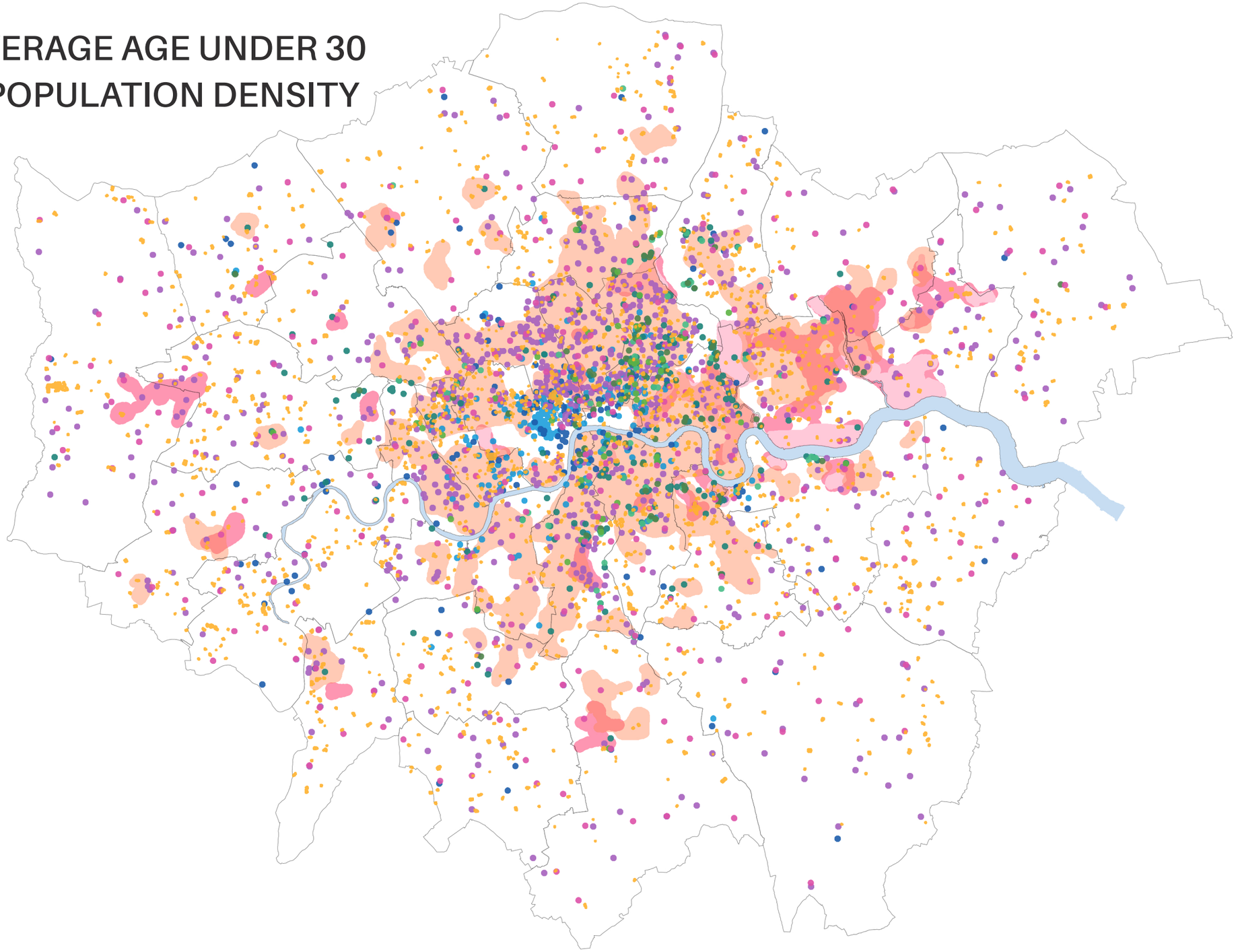
AVERAGE AGE 30+



AVERAGE AGE UNDER 30

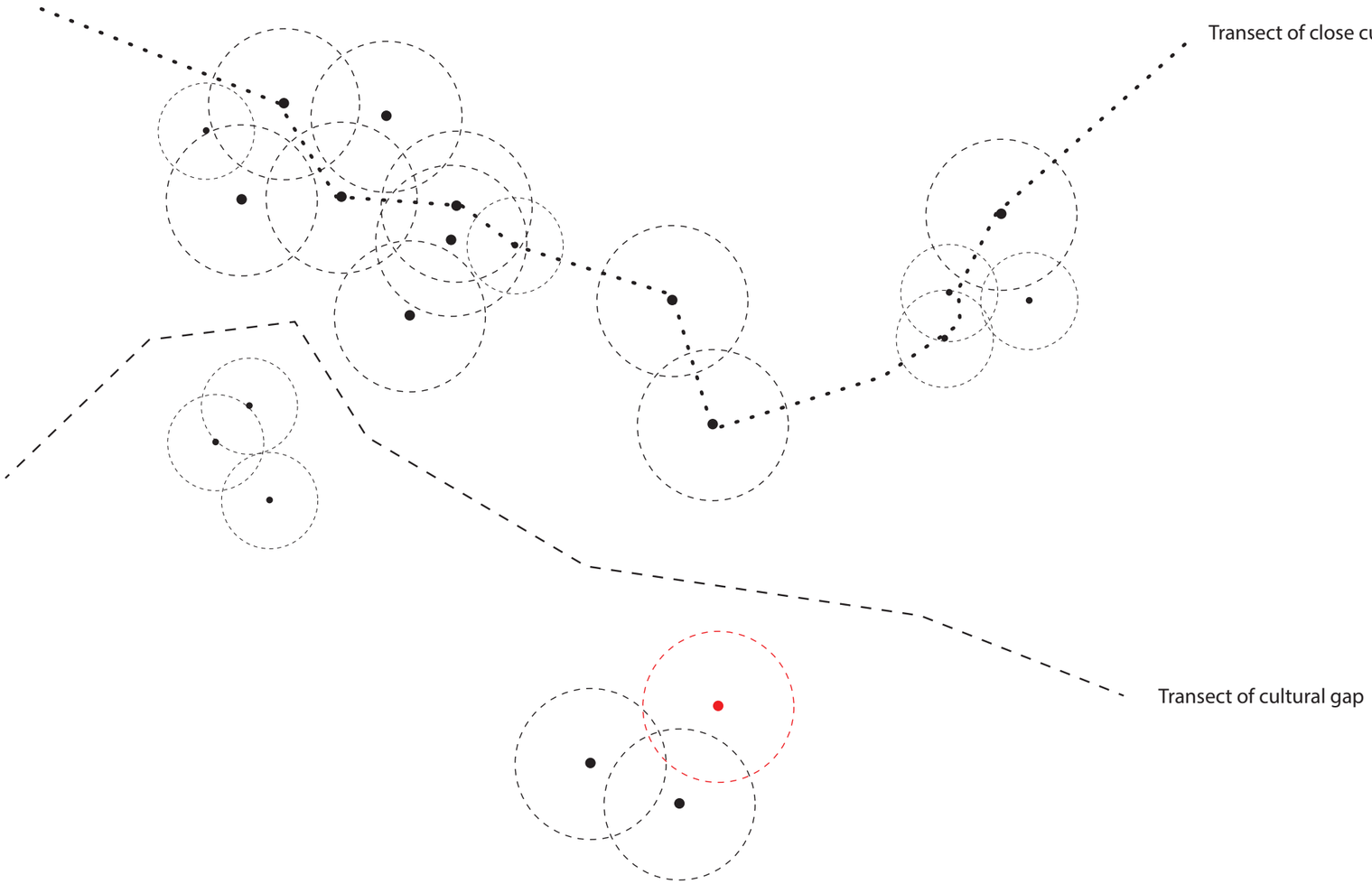


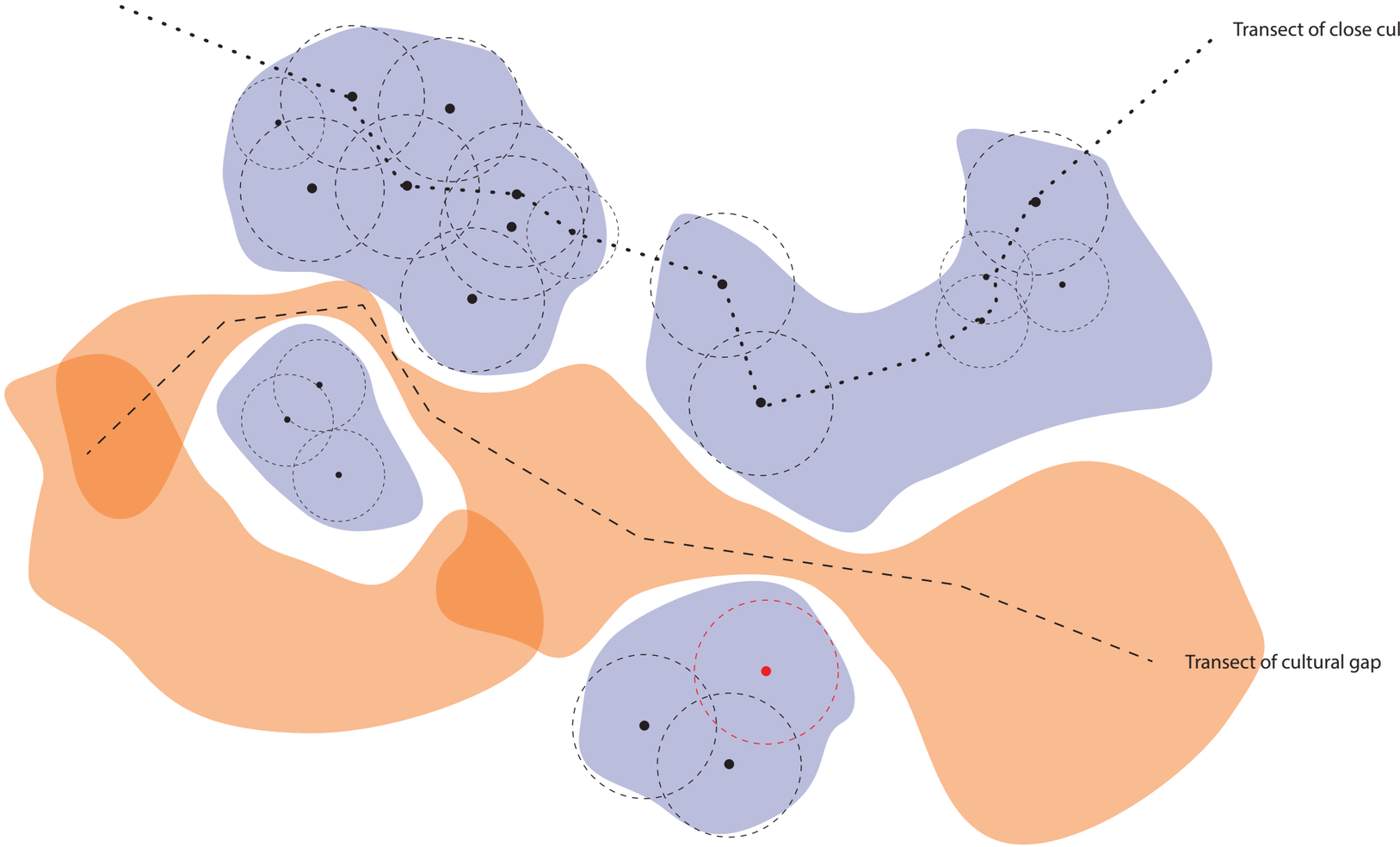
AVERAGE AGE UNDER 30
+ POPULATION DENSITY

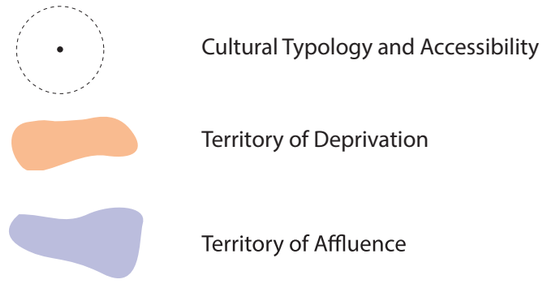


5. DEFINING INVESTIGATION AREAS

Transects

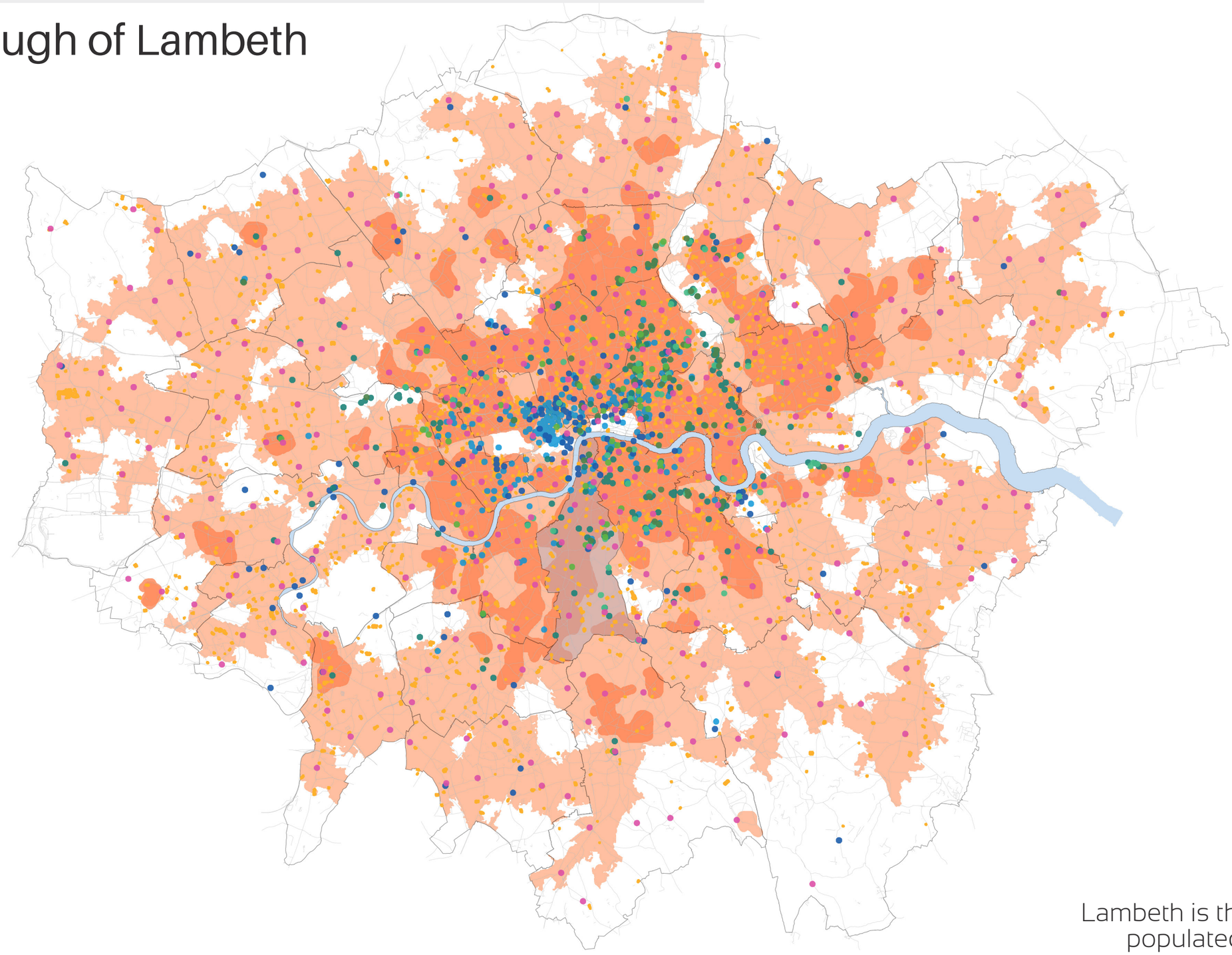



Transect of close cultural proximity
Transect of cultural gap


Cultural Typology and Accessibility
Territory of Deprivation
Territory of Affluence

5. DEFINING INVESTIGATION AREAS

Borough of Lambeth



Lambeth is the fifth most densely populated borough nationally

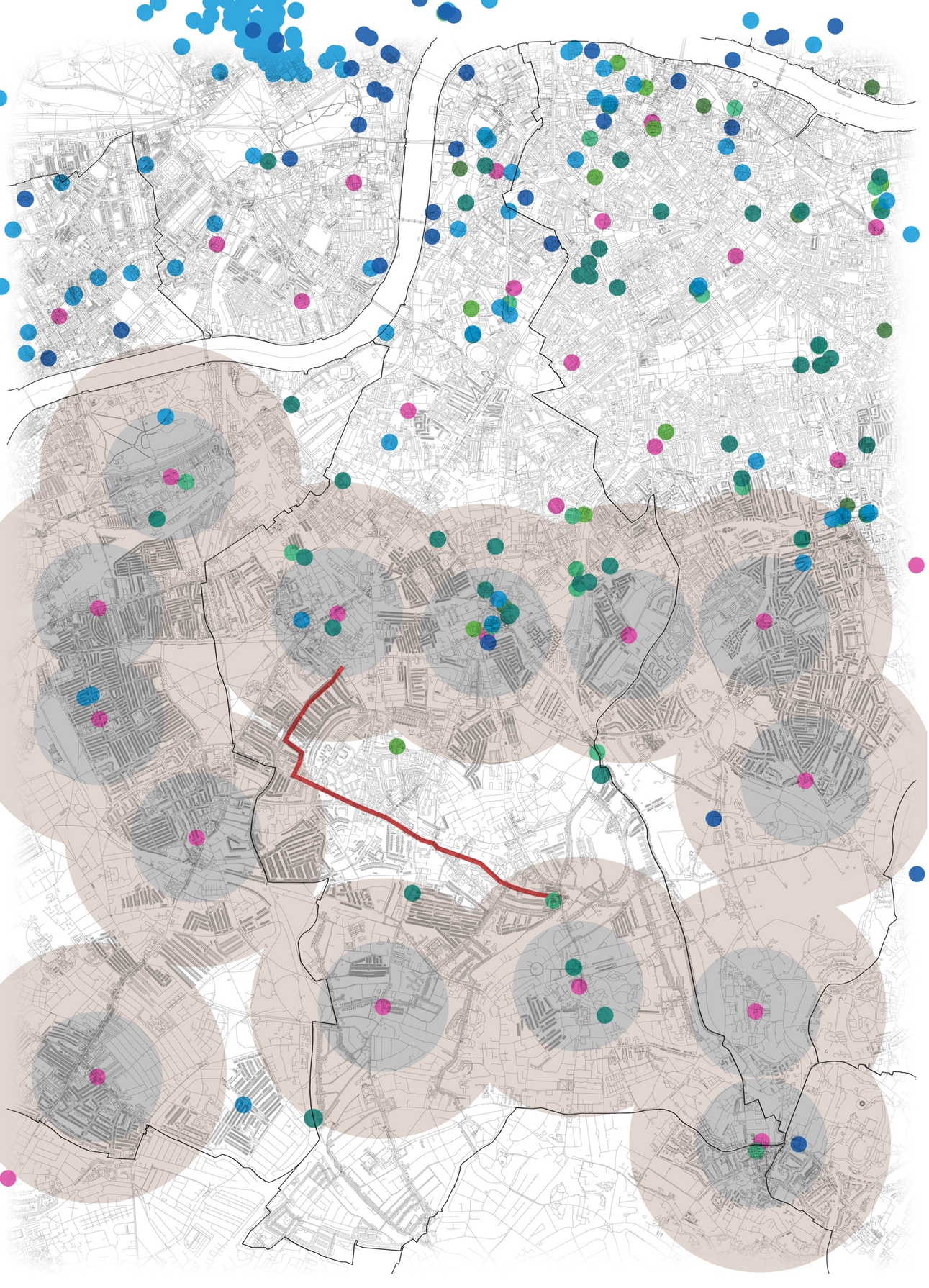
One of the most deprived areas of the country (the 8th most deprived borough in London

Library radio of influence

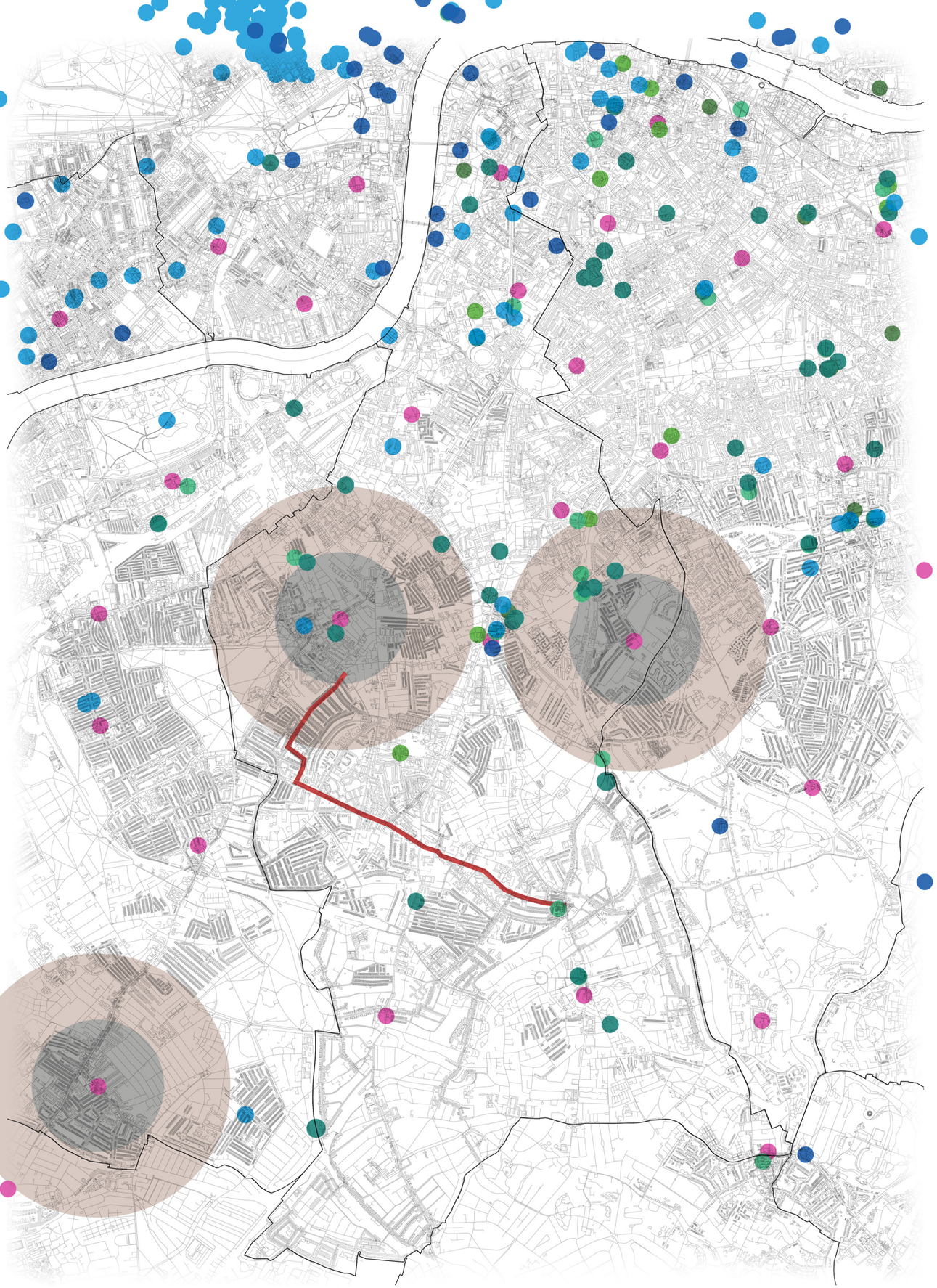
1,5 Km radio

3 Km radio

TERRITORY OF DEPRIVATION

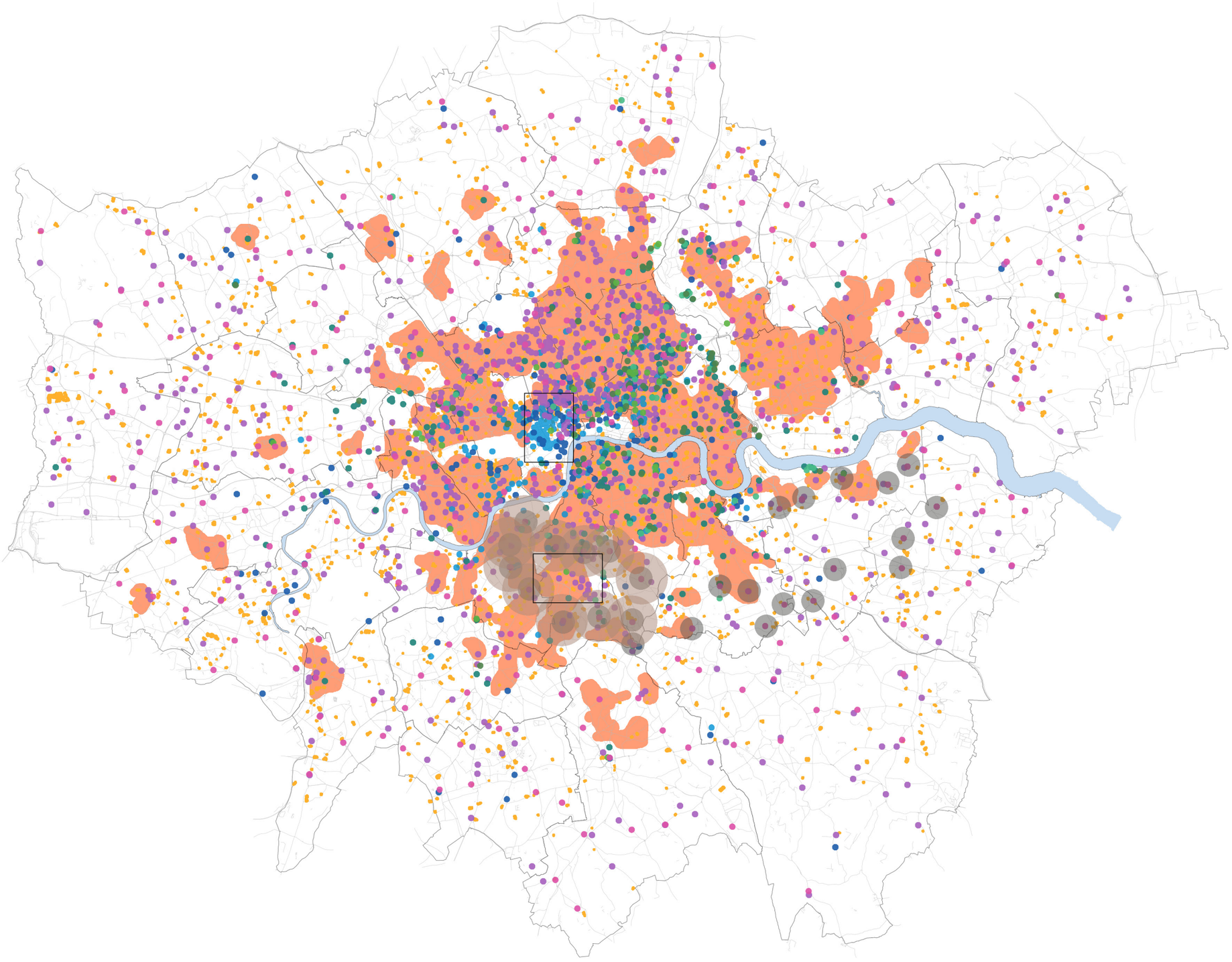


AREA OF INVESTIGATION



Considering only public libraries

AREA OF INVESTIGATION



TERRITORY OF DEPRIVATION X TERRITORY OF AFFLUENCE

6. FIELDWORK - LONDON TRIP

a. Tools



- o Camera
- o Trippod
- o GoPro
- o Celphone
- o External charger
- o Sketchbook
- o London maps
- o Fine liners
- o Pencils

6. FIELDWORK - LONDON TRIP

b. Itinerary

15/11/2021 – Monday

09:35 Arrival at STN airport
11:00 Check in Hotel in Bloomsbury, Camden
11:30 Lunch break
12:15 Camden – Focus on Gower Street
- o Building typology and uses
- o Advertisements
- o Sidewalks
- o Street/sidewalk appropriation
  - How space is being used
- o Type of commercial activities
  - What else is happening in the street

17:30 Dinner
20:00 Buy tickets - Organize for next day

16/11/2021 – Tuesday

09:45 Walk from Camden -> Islington -> City of London
12:00 Lunch break
13:00 St Paul's Cathedral
14:00 Barbican Architecture tour
15:30 Barbican Conservatory
16:45 Serpentine Gallery – Exhibition
17:30 Hyde Park
18:00 Dinner
19:00 Walk -> Buckingham Palace -> St James Park -> Regent Street -> Piccadilly
23:00 Day 2 test

17/11/2021 – Wednesday

09:30 Arrange PCR test
11:00 Southwark
11:45 Southwark Cathedral – PCR test
12:00 Borough Market -> Roman Ruins
12:30 Tate Modern
13:30 Lunch break
14:30 Uber to Lambeth
15:30 Lambeth – Focus on Clapham regions and Streatham Hill
- o Building typology and uses
- o Advertisements
- o Schools – children
- o Type of commercial activities
- o Space appropriation
- o Sidewalk conditions
- o Possible project locations

18:30 Dinner

18/11/2021 – Thursday

10:30 Check out
11:00 Camden Town -> Camden Lock market
13:15 Walk from Piccadilly (Mayfair) -> Soho -> Bloomsbury
15:00 Pick-up luggage at hotel -> Hackney -> head to airport

6. FIELDWORK - LONDON TRIP

c. Transects - Fieldwork findings

i. Camden and Westminster

Territory of affluence

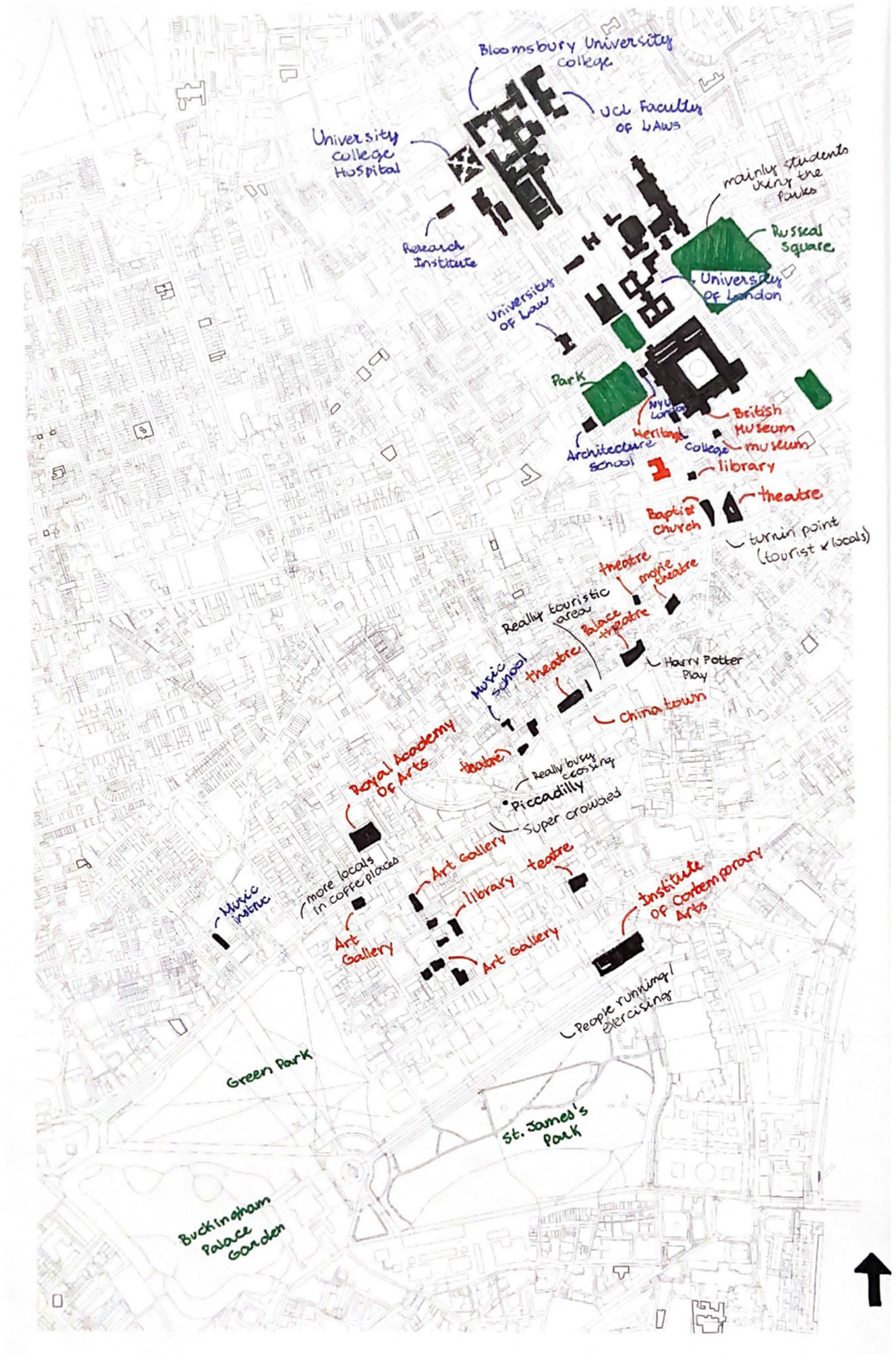
o Building typology diversity

o High concentration of higher education institutions

o Street/sidewalk appropriation

- Cafes
- Store displays
- Exhibitions, sculptures

o Commercial activities



Camden - BUILDING TYPOLOGY



















Camden - ADVERTISEMENTS and SIGNS















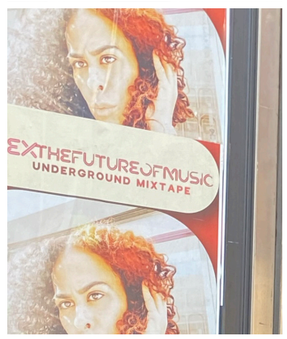


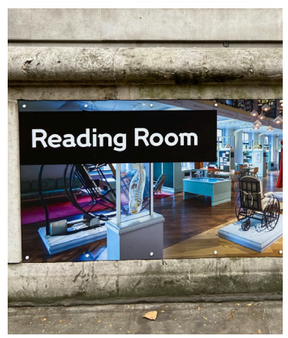




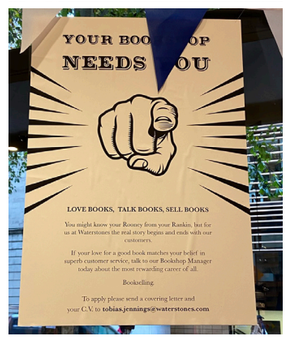






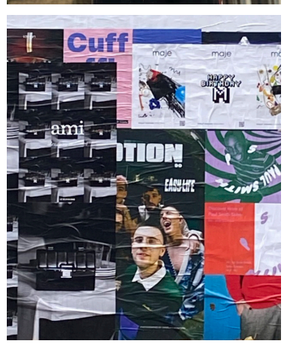






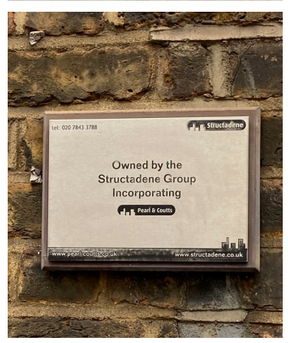














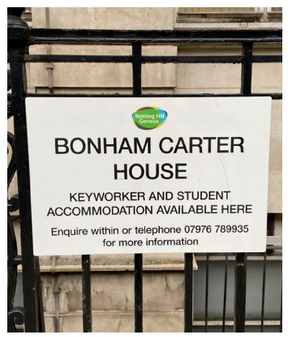
















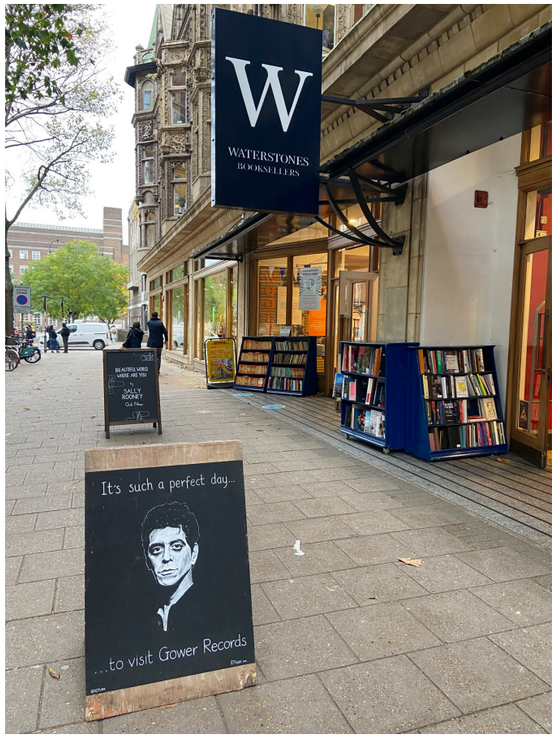


Camden - SPACE APPROPRIATION









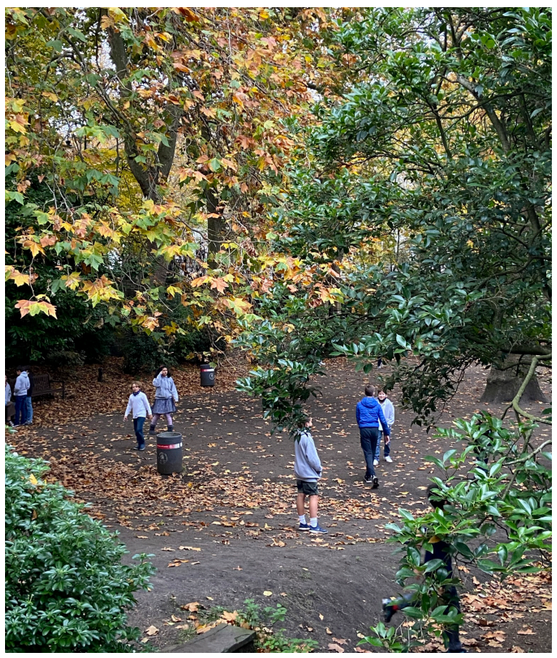
Camden - USERS



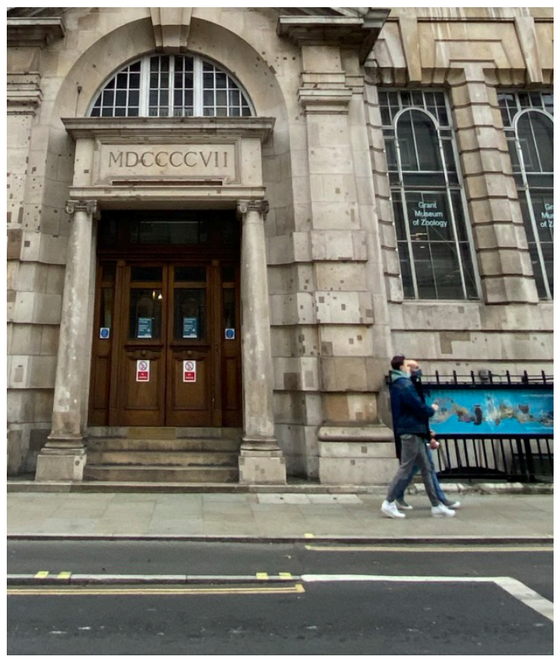






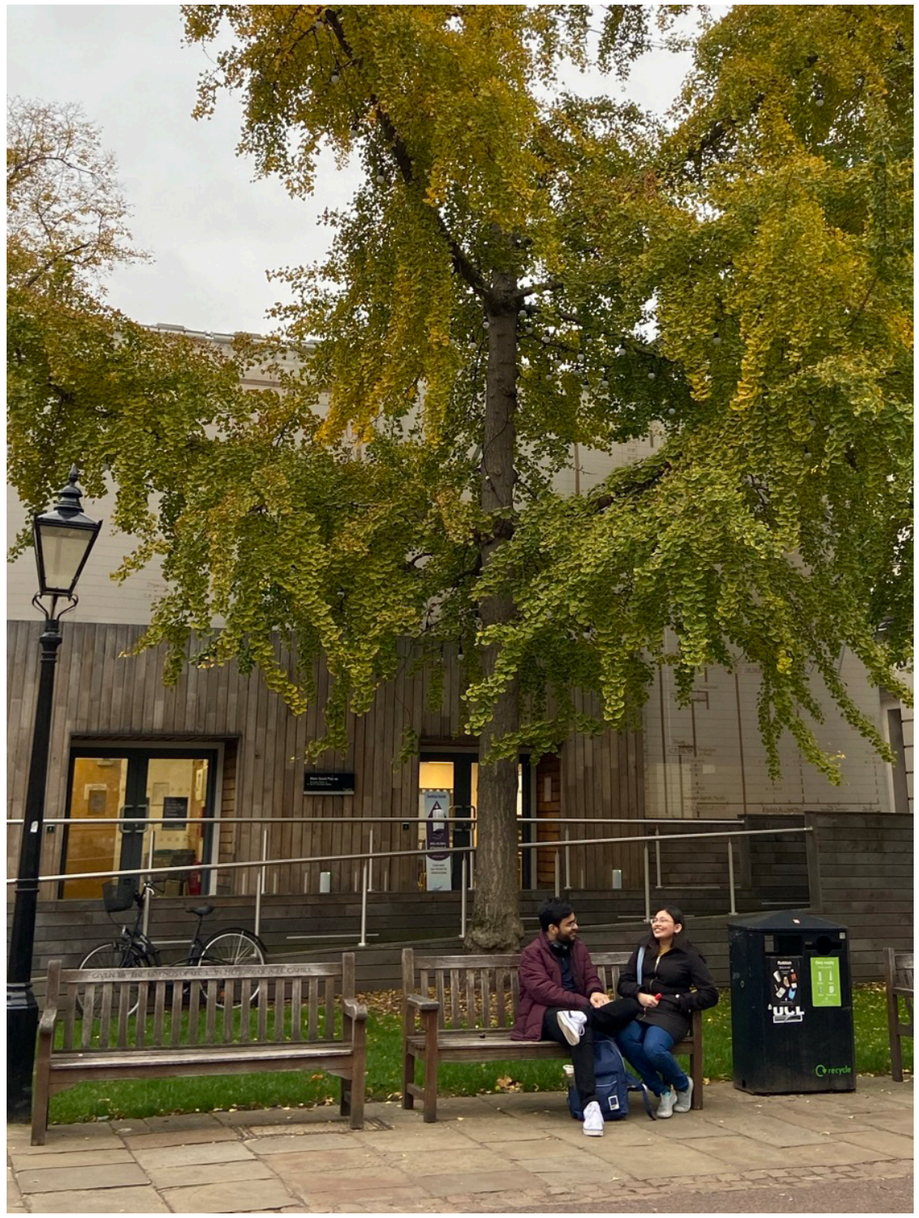








Camden - USERS





6. FIELDWORK - LONDON TRIP

c. Transects - Fieldwork findings

ii. Lambeth

Territory of deprivation

o No building typology diversity

- Primarily residential buildings

o Concentration of primary schools

o Lack of parks, playgrounds

o Almost no commercial activities



Lambeth - BUILDING TYPOLOGY










Lambeth - ADVERTISEMENTS and SIGNS































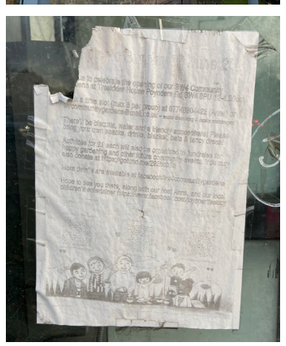


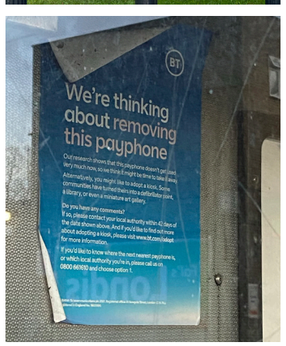


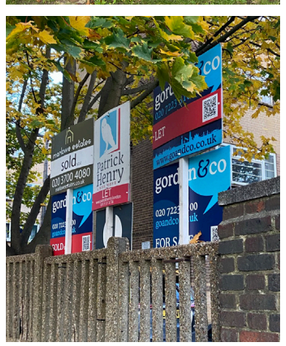




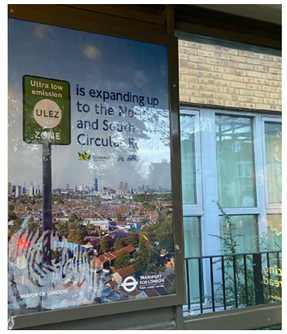






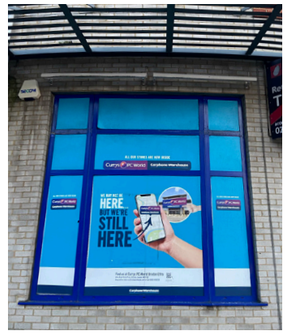












Lambeth - SPACE APPROPRIATION







Lambeth - USERS









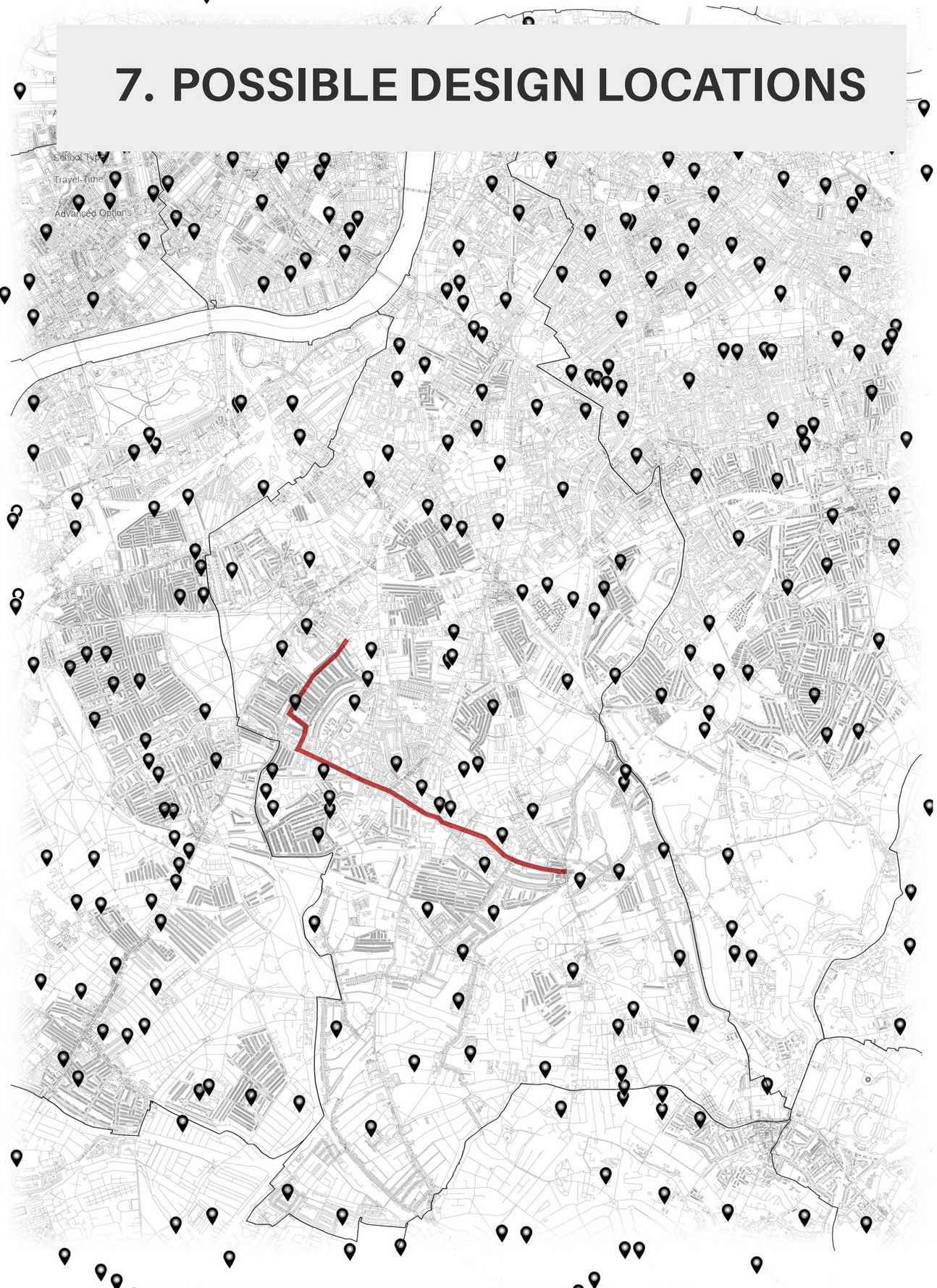




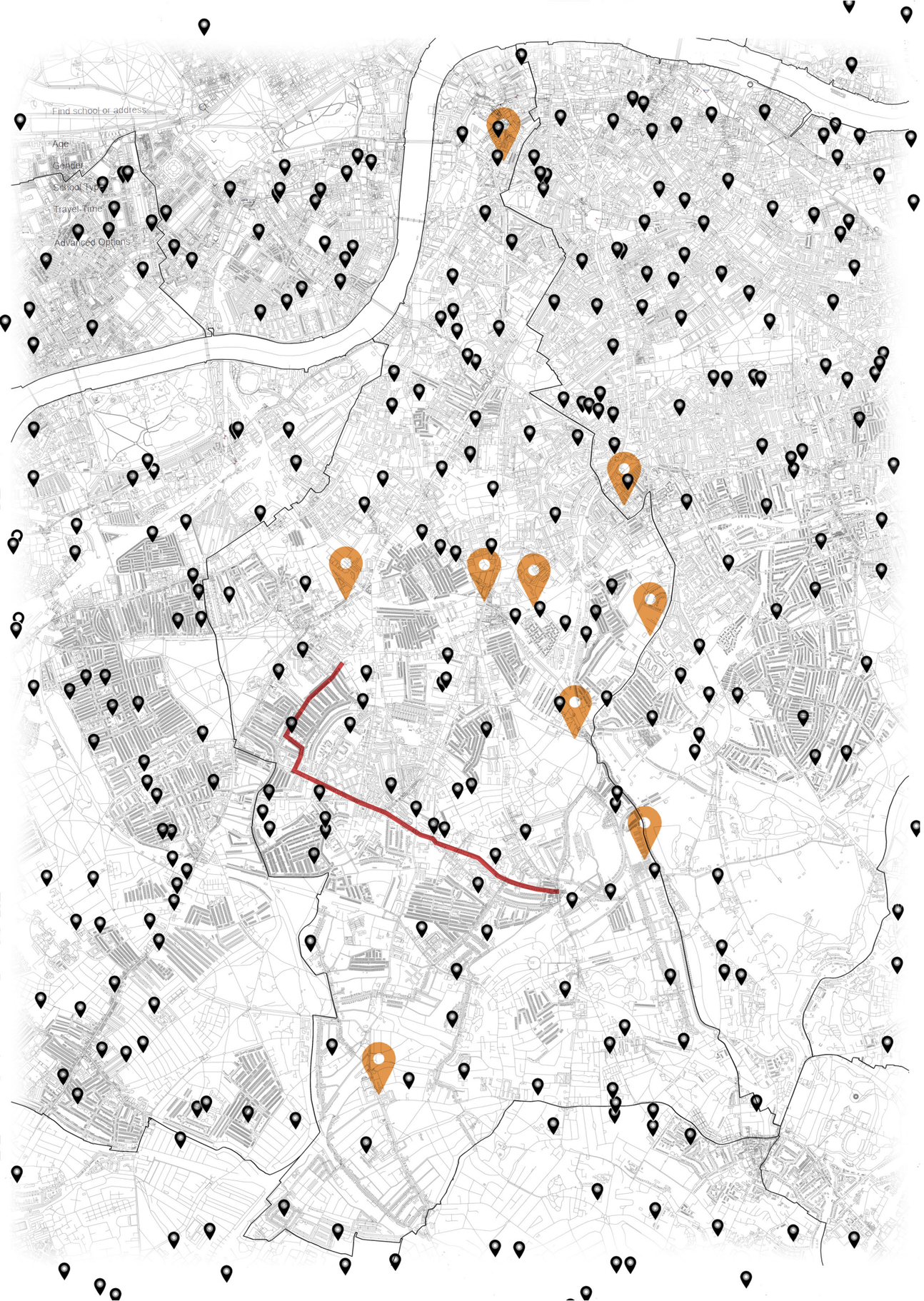




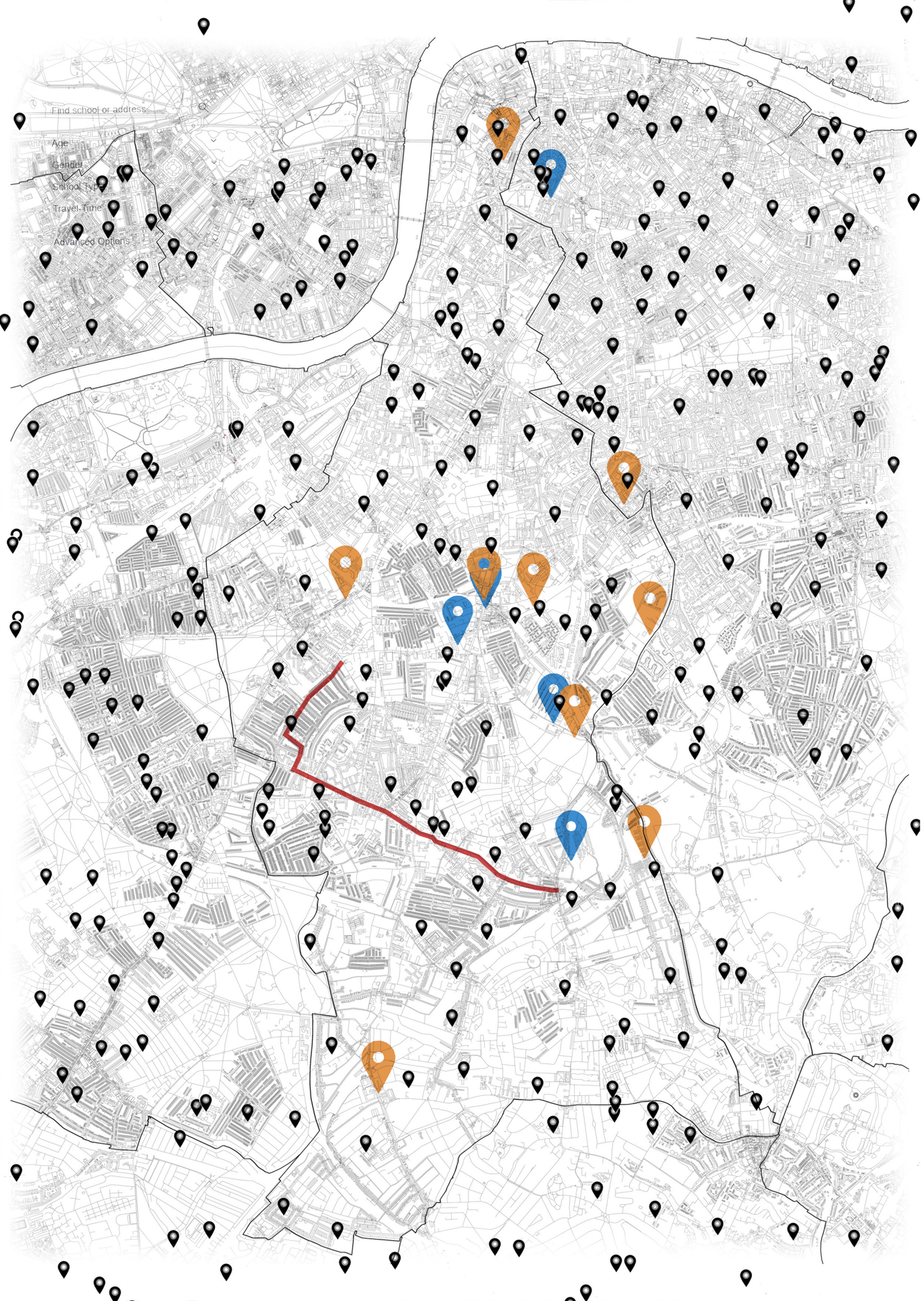
7. POSSIBLE DESIGN LOCATIONS



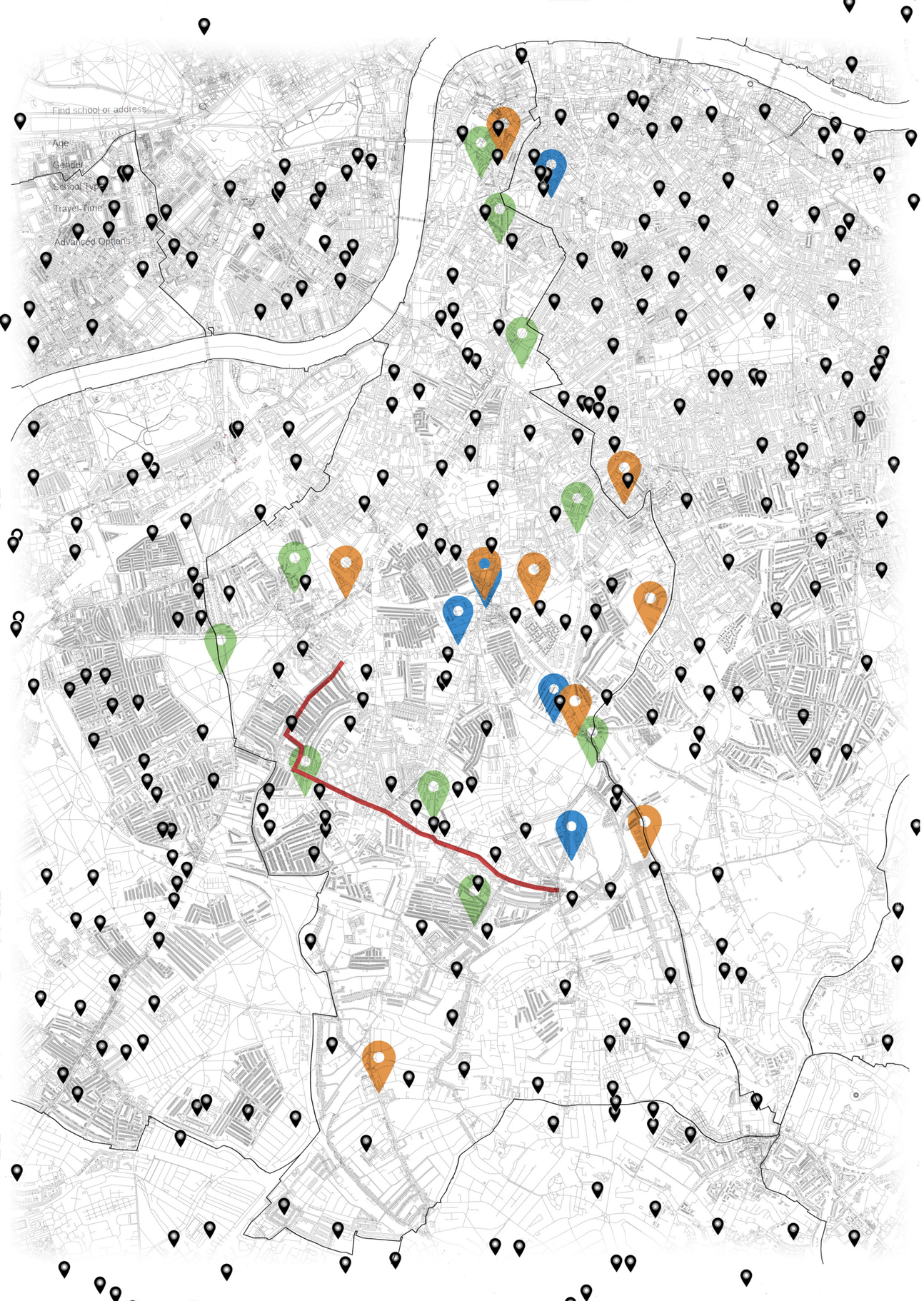
PRIMARY AND SECONDARY SCHOOLS



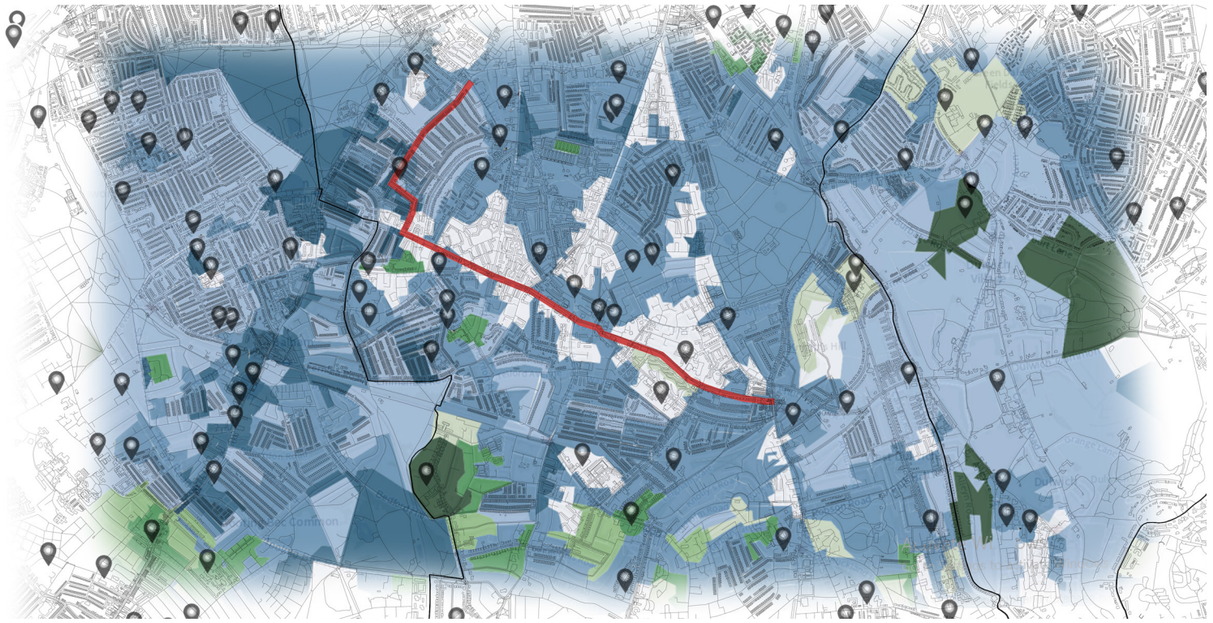
LEISURE CENTRE FACILITIES (FOR CHILDREN)



FAMILY INFORMATION CENTRES

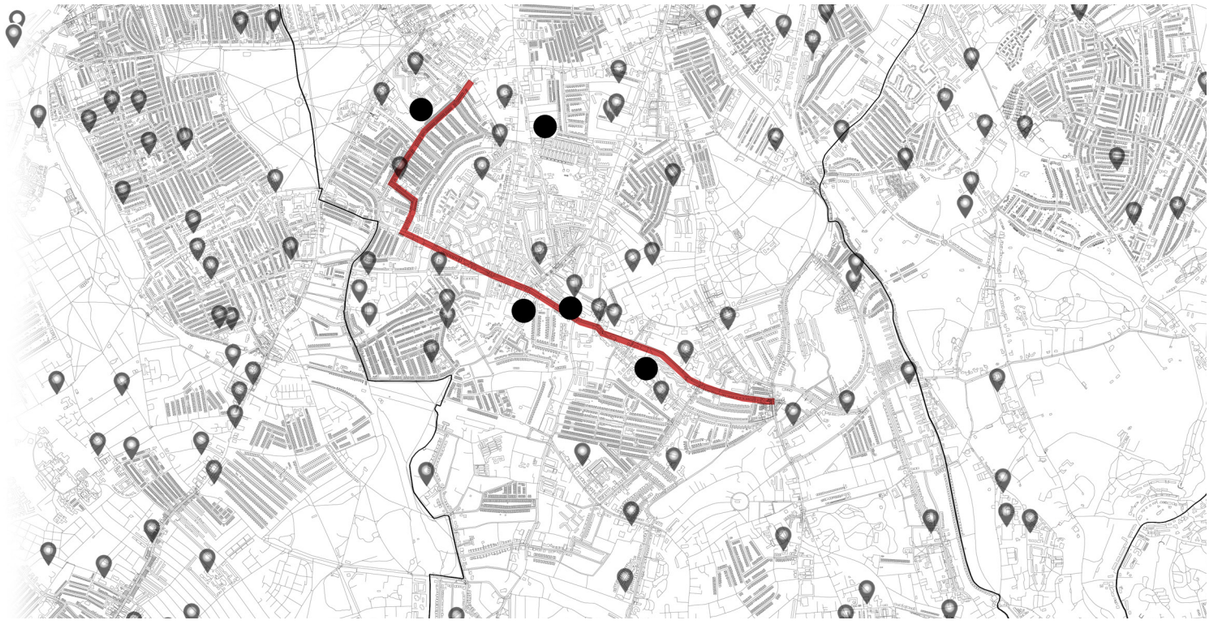


CHILDREN’S PLAY AREA

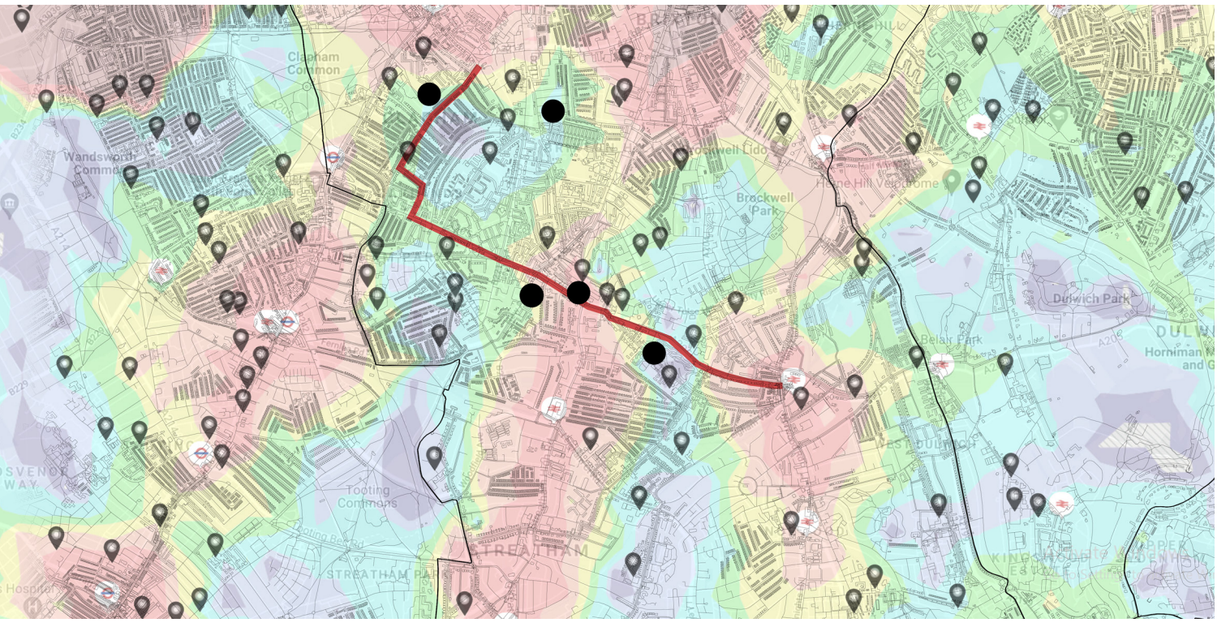


- Urban Elites
- City Vibe
- London Life-Cycle
- High Density & High Rise Flats
- Intermediate Lifestyles
- Settled Asians
- Multi-Ethnic Suburbs
- Ageing City Fringe

AREA CLASSIFICTION



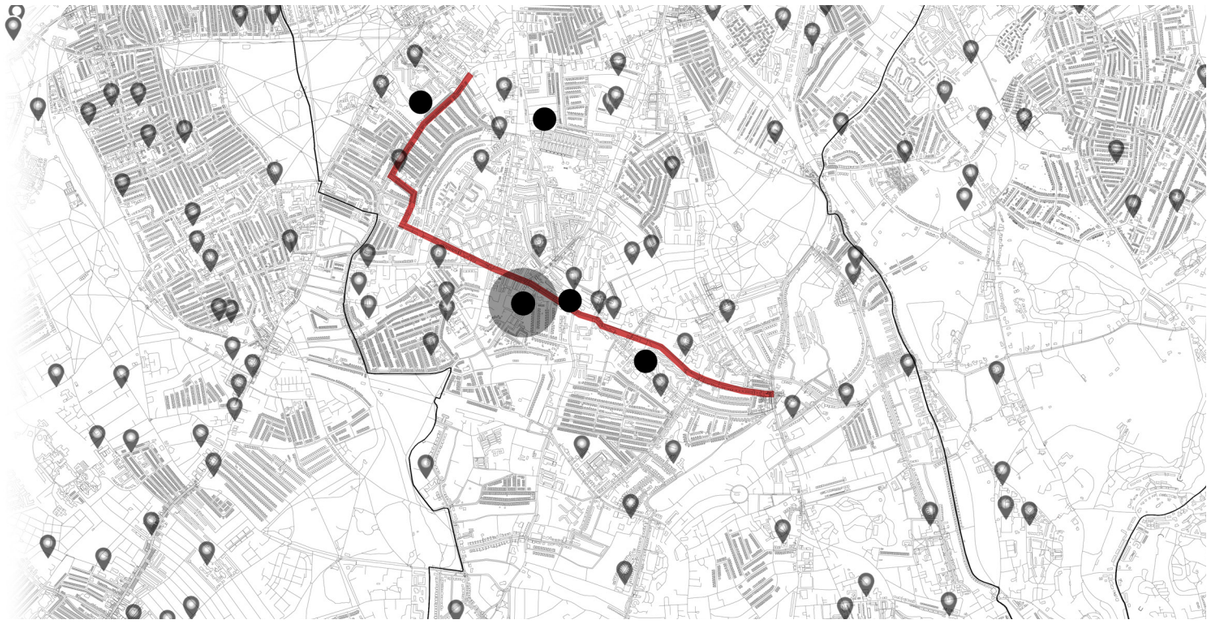
POSSIBLE INTERVENTION LOCATIONS



Map key - PTAL

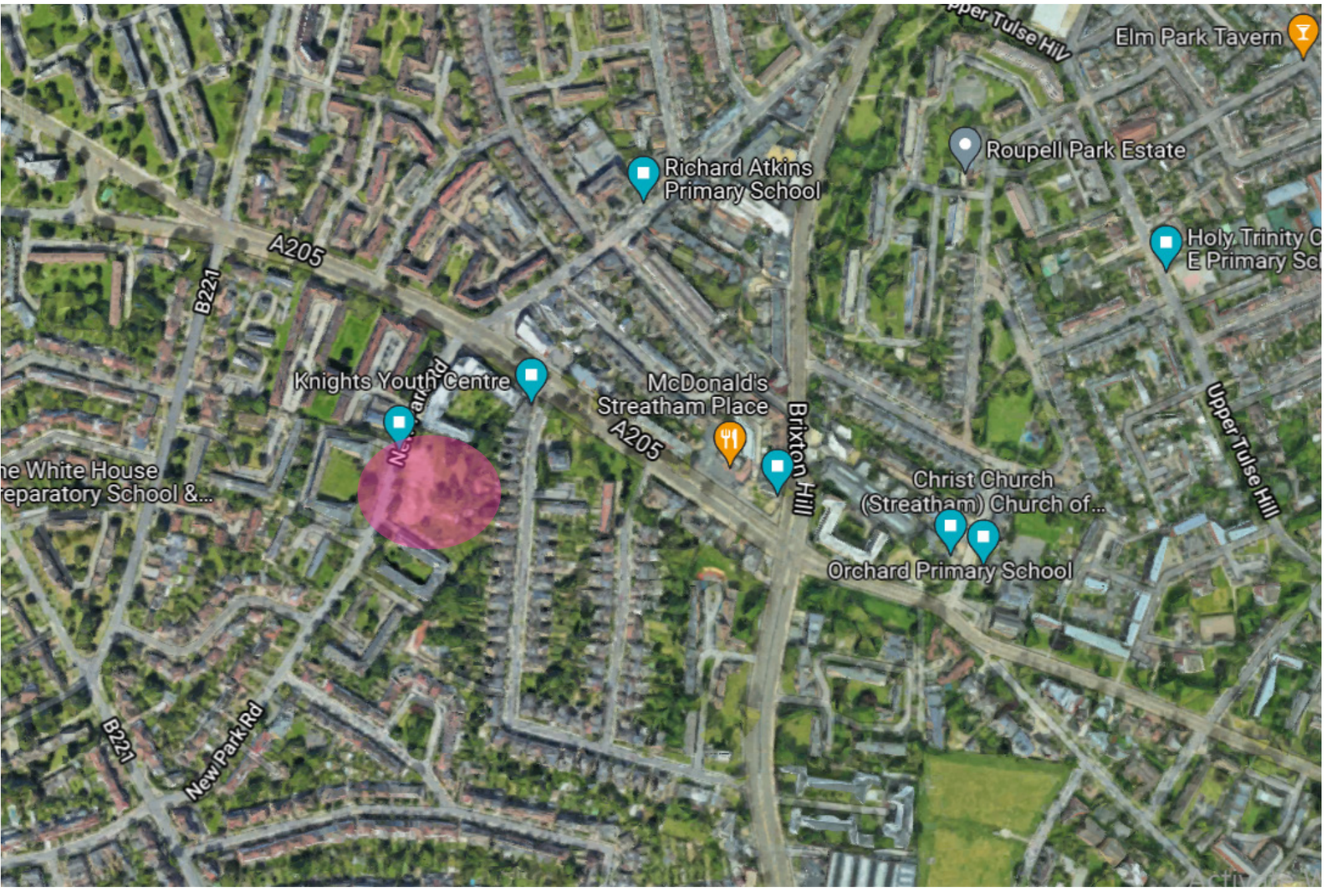
0 (Worst)	Ia
Ib	2
3	4
5	6a
6b (Best)	

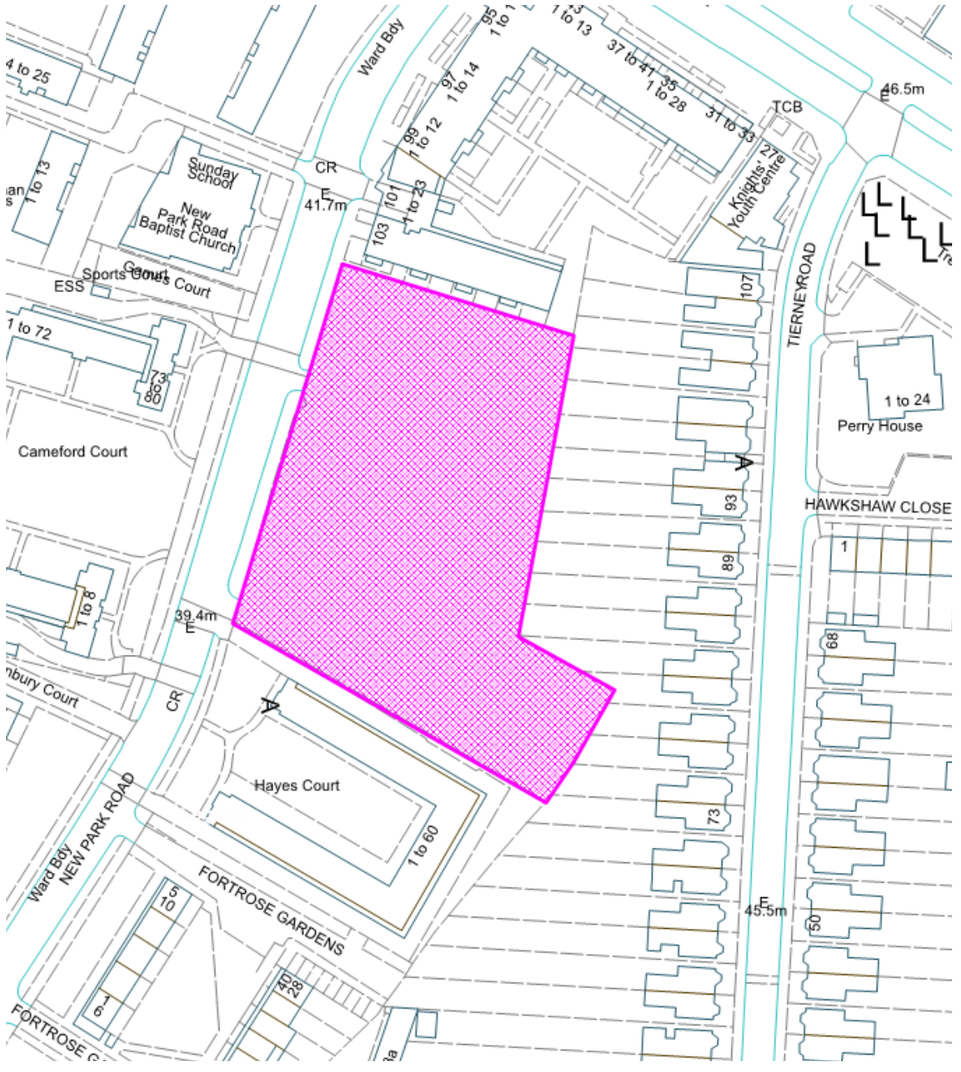
ACCESS LEVEL



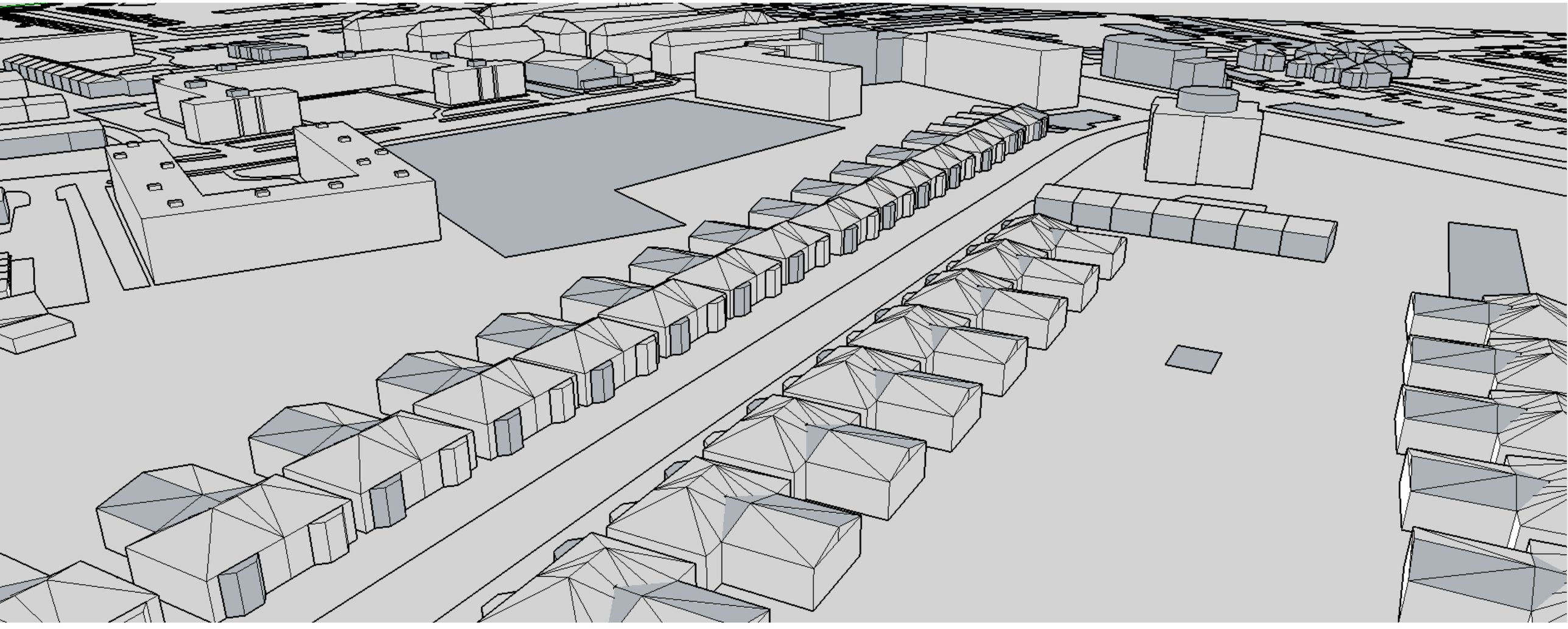
POSSIBLE INTERVENTION LOCATION

b. Design Location





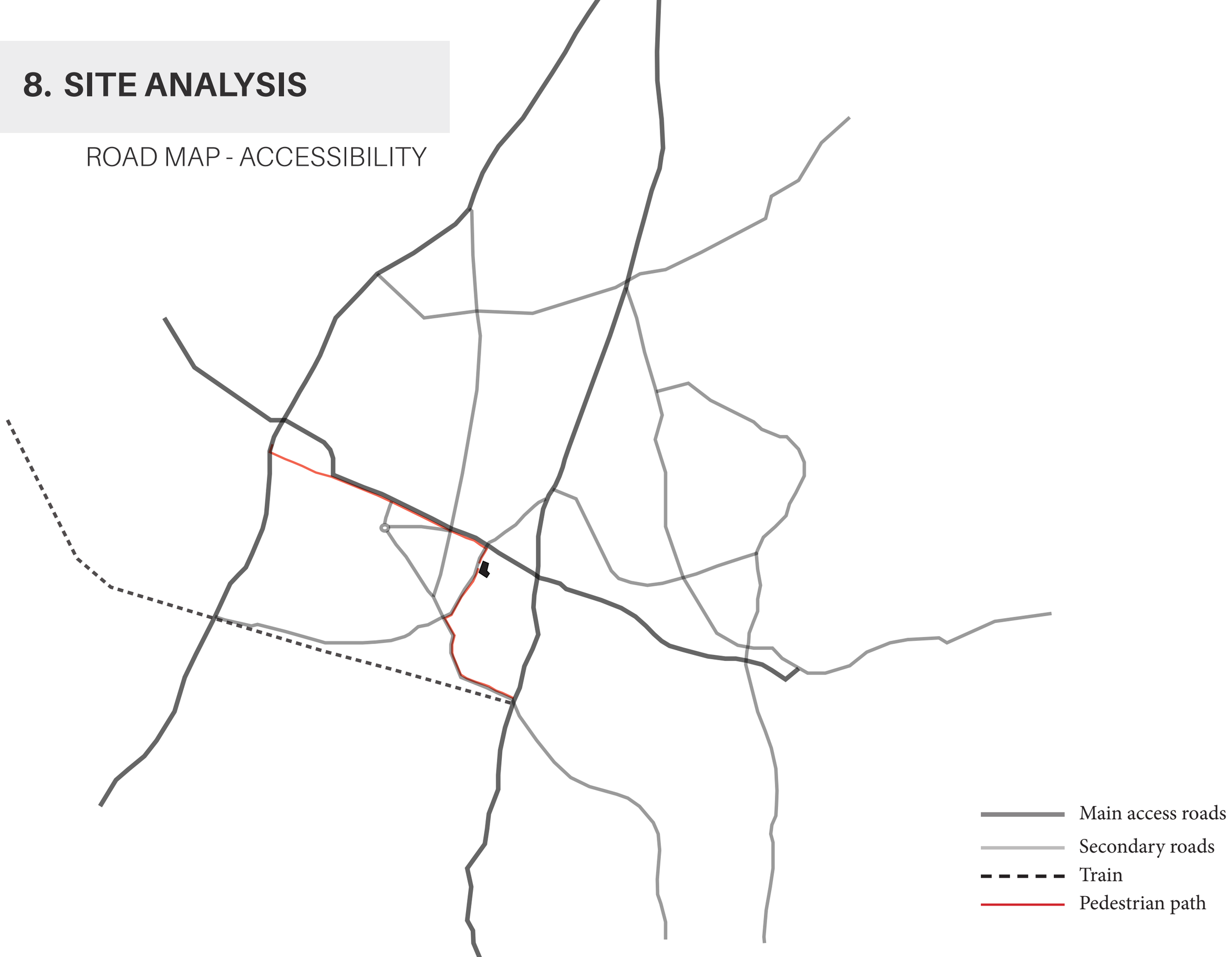




3D model- work in progress

8. SITE ANALYSIS

ROAD MAP - ACCESSIBILITY



PUBLIC TRANSPORT

Tube/Train Stations

Bus stop

FUNCTIONS

Schools

Commercial

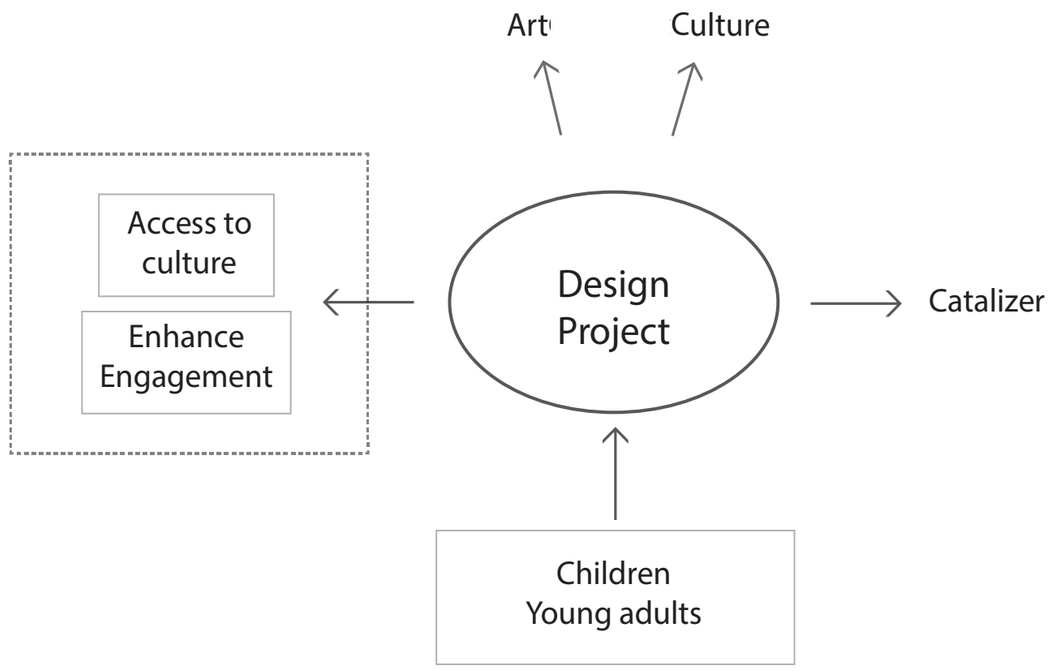
Parks

Tube/Train Stations

Leisure

Children play area

A NEW CULTURAL CENTER



o A place for kids to learn new skills
o Exhibit what they produced and sell it if they want to -> empowering
o Engage with art and culture
o Group activities -> Enhance community engagement

9. PRECEDENTS

SESC POMPEIA(1982), LINA BO BARDI

o Combination of cultural, sport and leisure centre
o The spaces are planned to reassure conviviality
o Education as a mean for social transformation
o It doesn’t intend to just offer a wide range of events, but actually contribute to more lasting and meaningful experiences.





o Half wall concept

o Urban inside space





CULTURAL CENTER SÃO PAULO (1982), EURICO PRADO LOPES

- Promote access to culture -> multiple entrances on different levels
- Glass walls dividing the spaces -> visual connection, see what people are working on





Cultural Center

⇨ Place to be in contact with culture (where people and culture come together)
↳ art classes / crafts

⇨ After school activities

Functions / Uses:

- craft school / art classes
- exhibition space (integrated)
- event space (covered / open)
- auditorium
- day care
- study space
- auditorium
- green / public space
  - play ground
  - sport facilities ?
- studios for artists
- ateliers for artists

Features / Qualities:

- transparency
- Open
- green
- didactic
- sustainable
- Future proof
- Flexible

Precedents:

- SESC pompéia, Lina Bo Bardi (1982)
- São Paulo Cultural center, Eurico Prado Lopes (1979 - 2004) const. 1982
- Barbican centre, Chamberlin, Powell, Bon (1982)

• Private institution
• Plot: 16.573 m²
• Built: 27.288 m²
• library, cafe, store, restaurant
• football field, playground, pool
• multi function room, theatre for 782
• cultural workshops, art workshops
• gymnastic rooms, sport fields
• dentist

↳ rehabilitation and leisure center / of old factory — cultural center / sport center

↳ culture / leisure → horizontal space (share experiences)

↳ sport → vertical building

• Public, owned by the city of SP municipality
• 46.500 m² (4 floors)
• theatre, cinema, concert hall, ateliers, exhibition spaces, archieves, art collection, conservation / restoration Lab, gardens / open and free spaces, accessible green roof, library, auditoriums, collective garden / community garden

↳ Plan: promote access to culture → multiple entrances

↳ Activities: educational / cultural activities

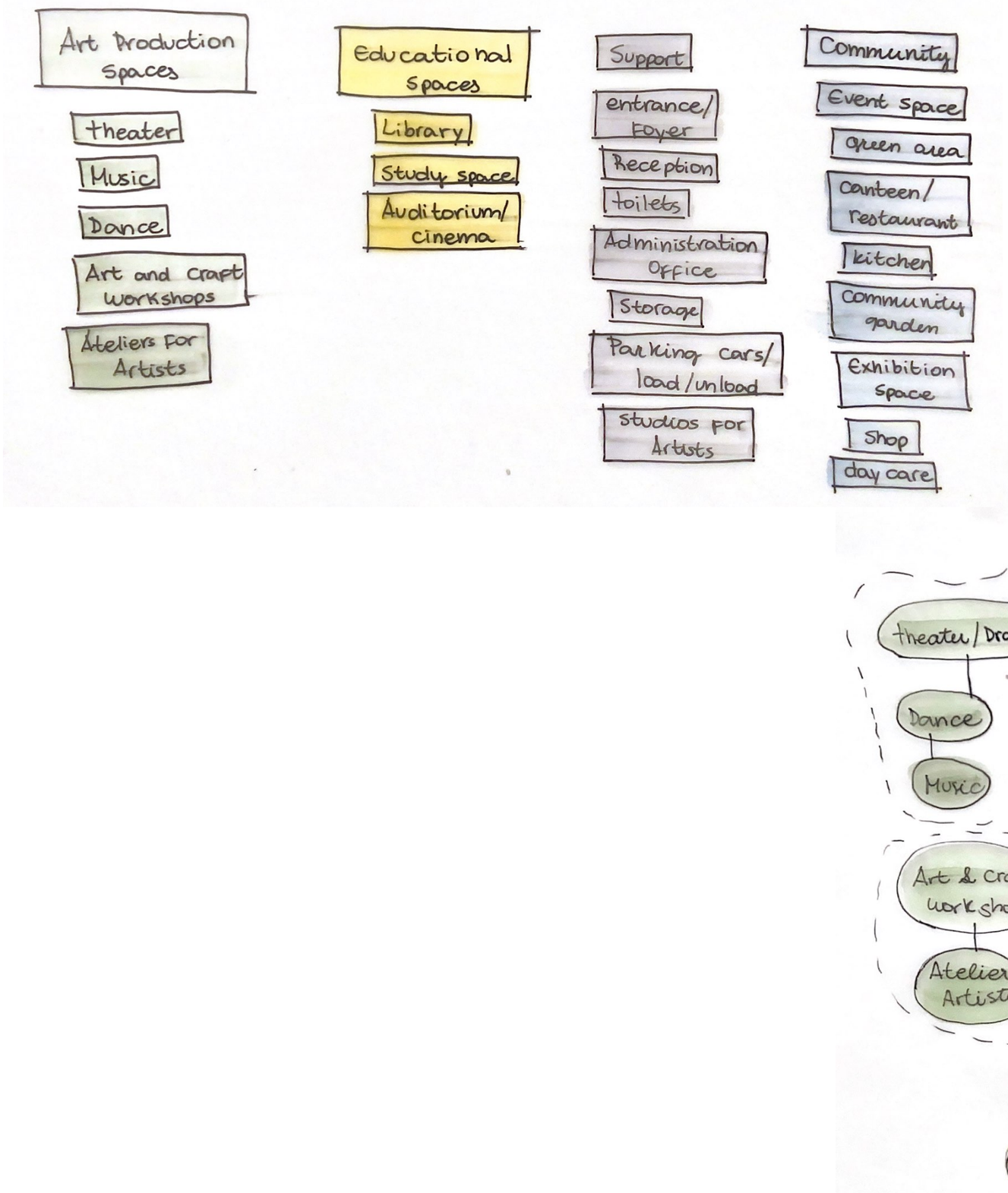
↳ High light: live rock concerts for free
dance festivals
young people gather to practice street dance / study / play
board games / bycicle work shop (free)

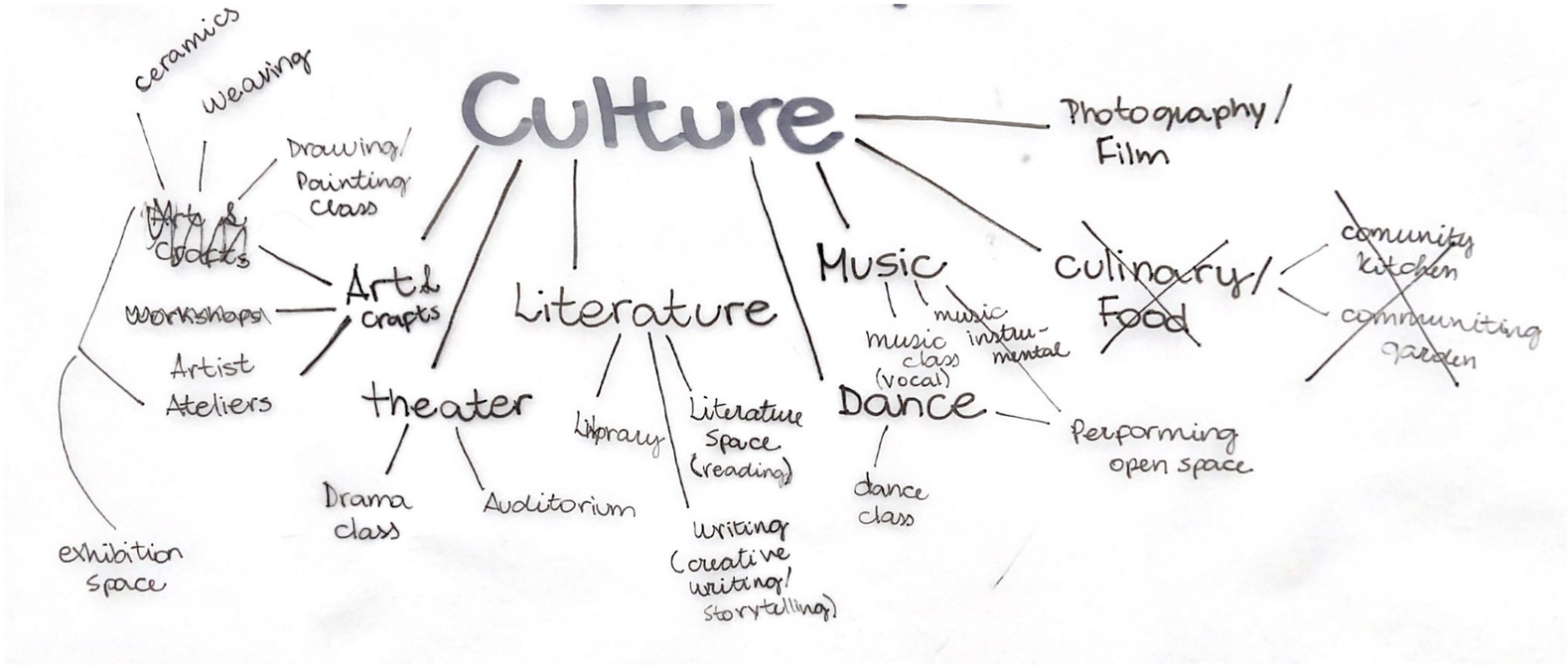
• Public, owned by London Corporation
• 40-acre Estate
• Residential (Private), School of music and Drama, school for girls, library and Barbican centre

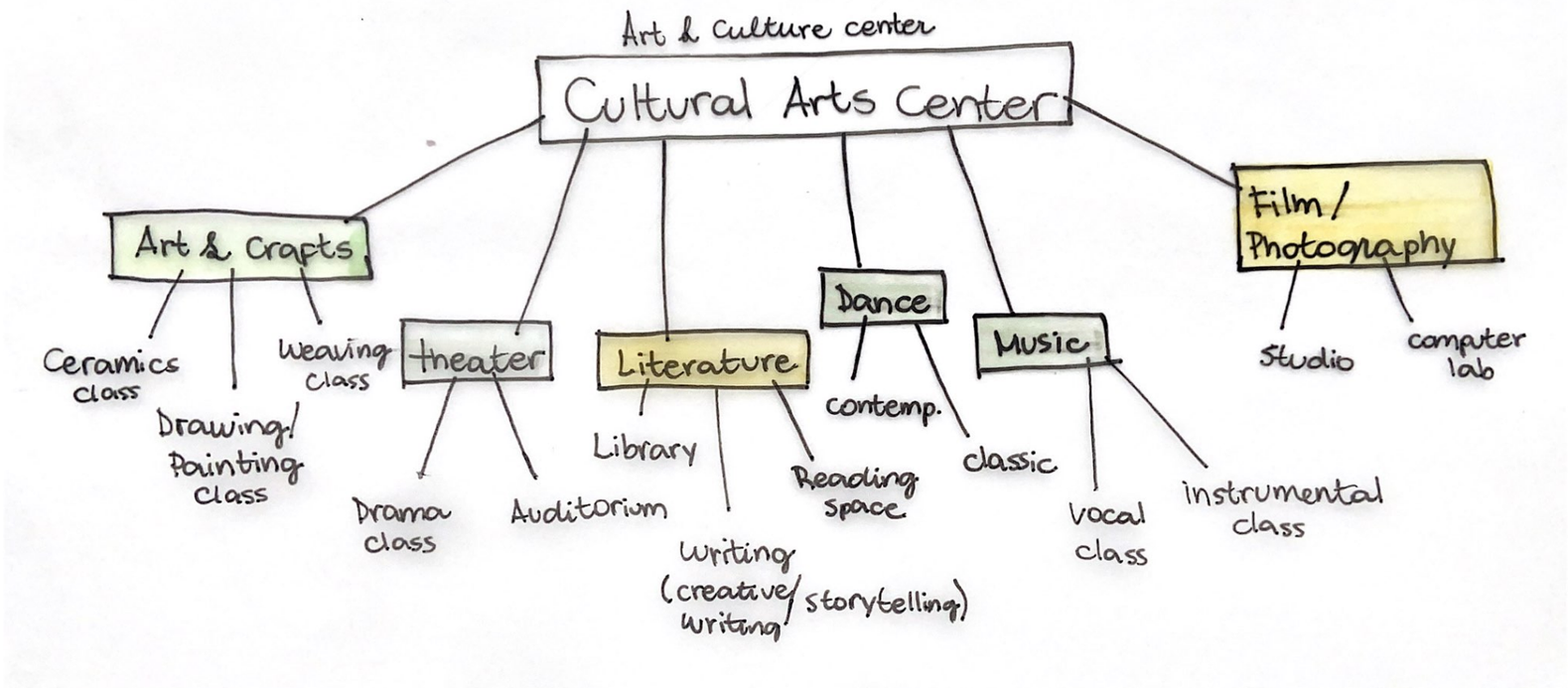
↳ theatre, art gallery, cinema, restaurants conference halls, exhibition halls and conservatory, informal performance

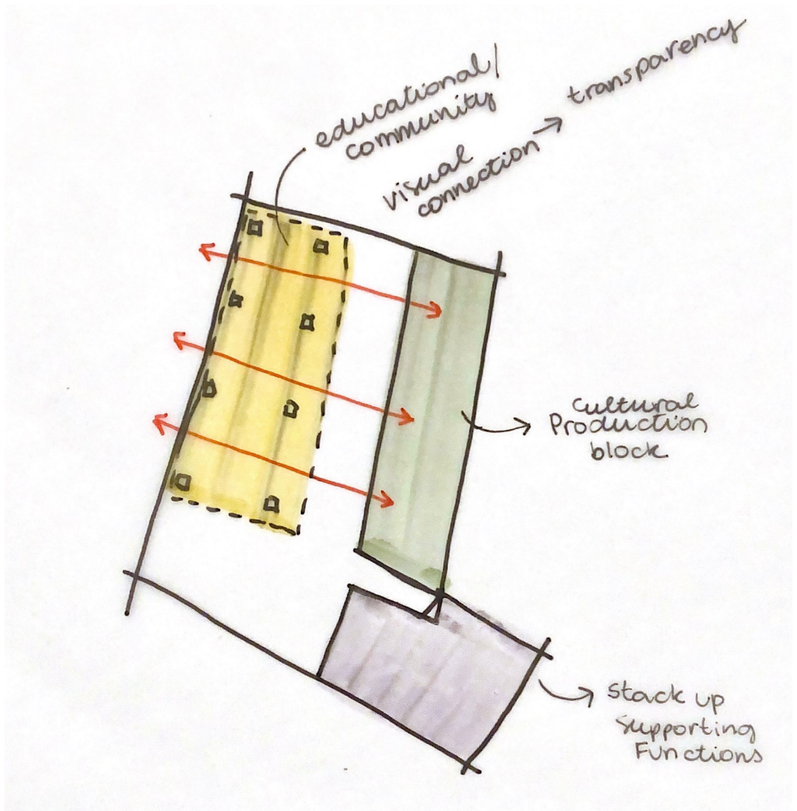
↳ the idea was to create a community, bring life back to the heart of the city spaces.

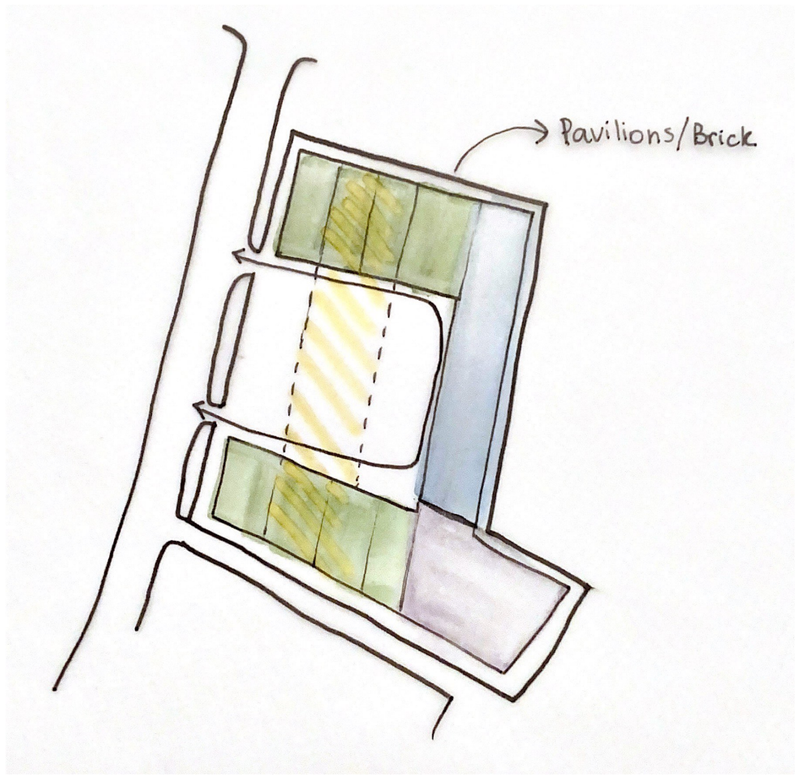
Initial program development

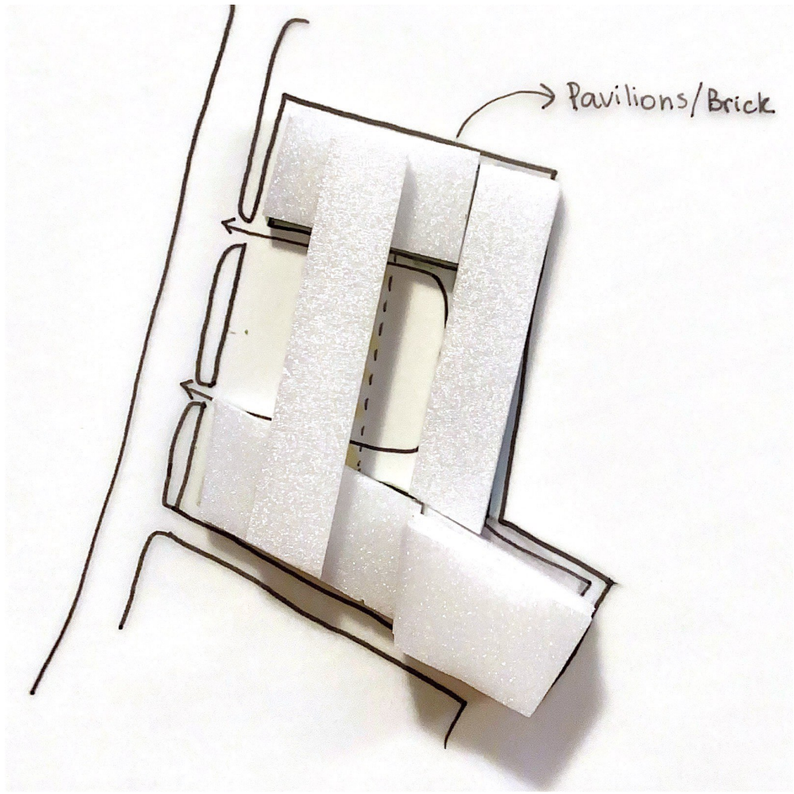


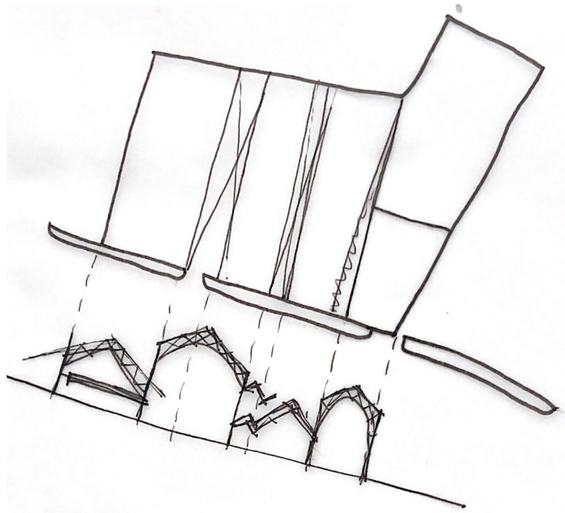

Culture
Art & Crafts
ceramics
weaving
Drawing/ Painting class
workshops
Artist Ateliers
exhibition space
theater
Drama class
Auditorium
Literature
Library
Literature Space (reading)
writing (creative writing/ storytelling)
Music
music class (vocal)
music instrumental
Dance
dance class
Photography/ Film
culinary/ Food
community kitchen
community garden
Performing open space


Art & culture center
Cultural Arts Center
Art & Crafts
Ceramics class
Drawing/ Painting Class
Weaving class
theater
Drama class
Auditorium
Literature
Library
Writing (creative writing/ storytelling)
Reading space
Dance
contemp.
classic
Music
vocal class
instrumental class
Film/ Photography
Studio
computer lab


educational/
community
visual
connection
transparency
cultural
Production
block
stack up
supporting
Functions

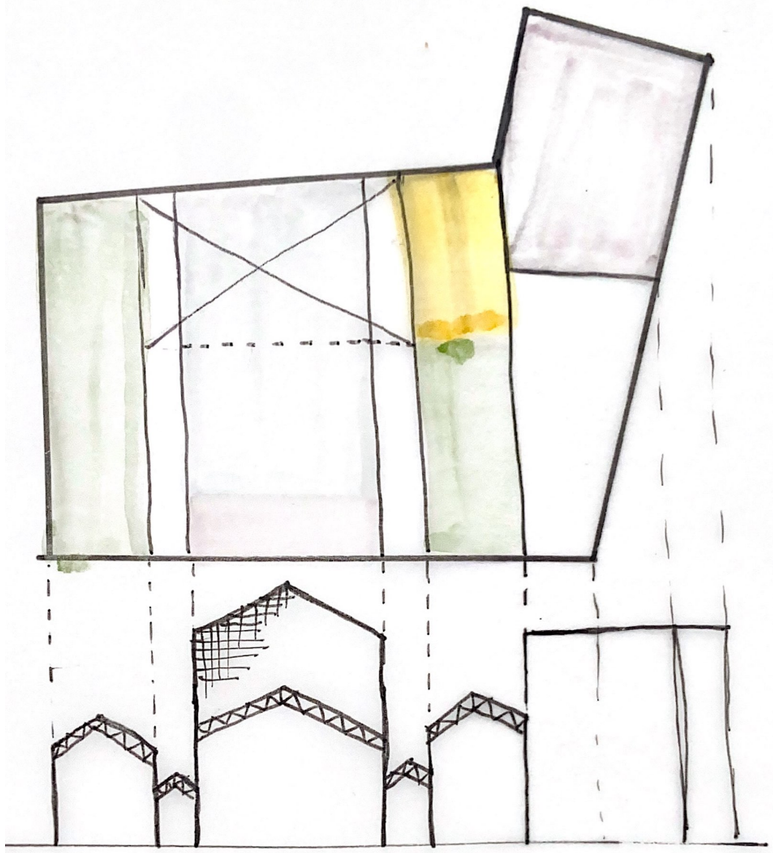

Pavilions/Brick

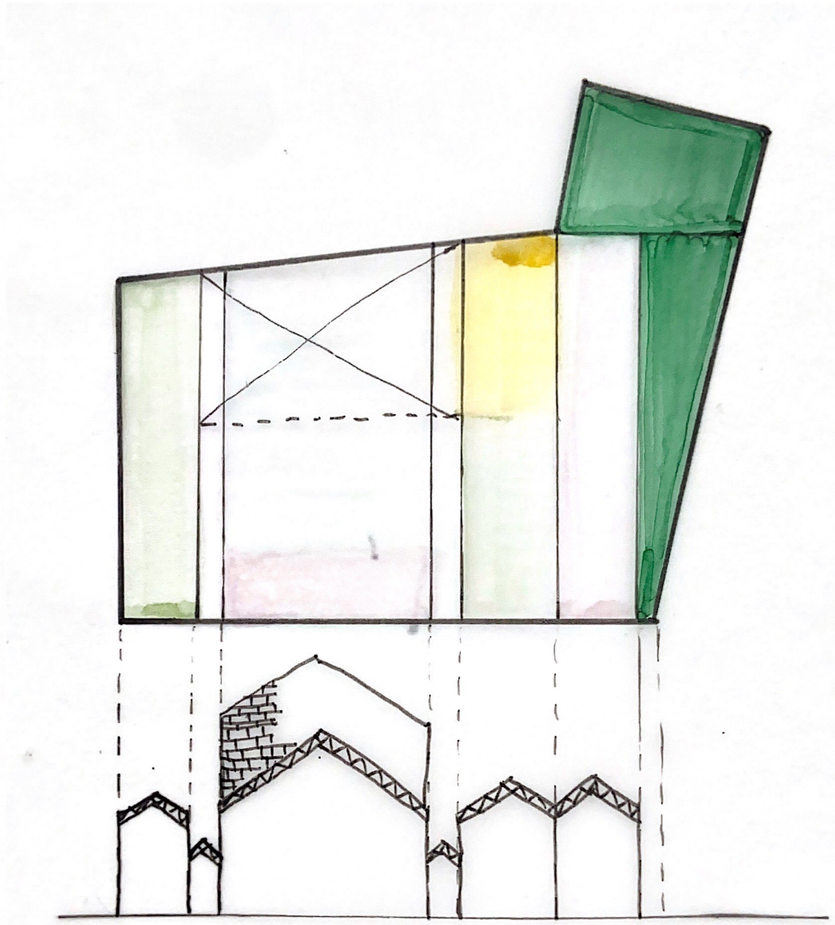

Pavilions/Brick

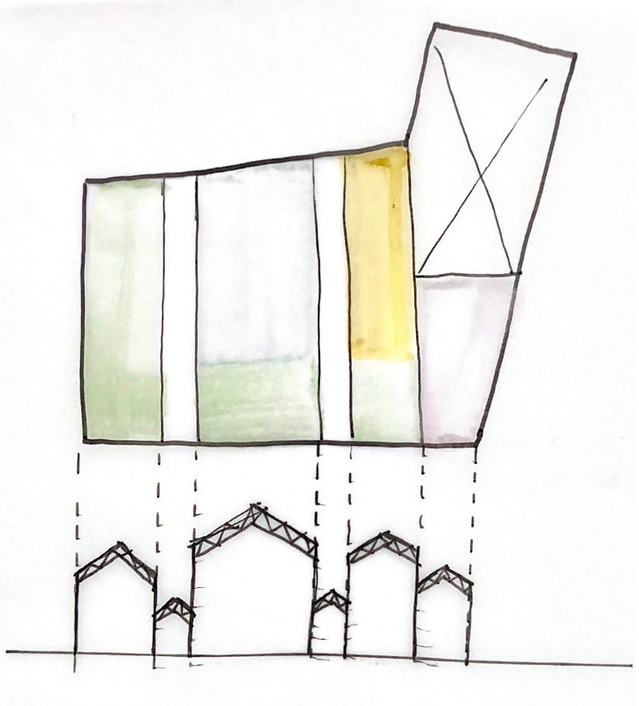


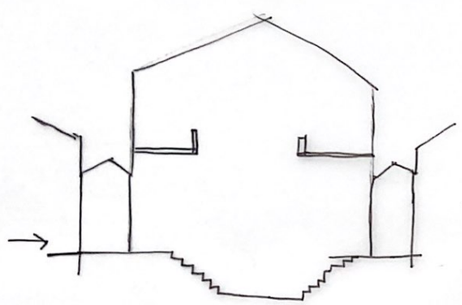
rick

→ blend of cultural center and community center
→ industrial / simple / clean lines
→ steel + brick (English / sustainable) + glass
→ flexible configuration
→ w/ gathering areas
→ range of activities / program → kiasan have contact w/ all types of culture manifestations
→ Production of products that can be sold.



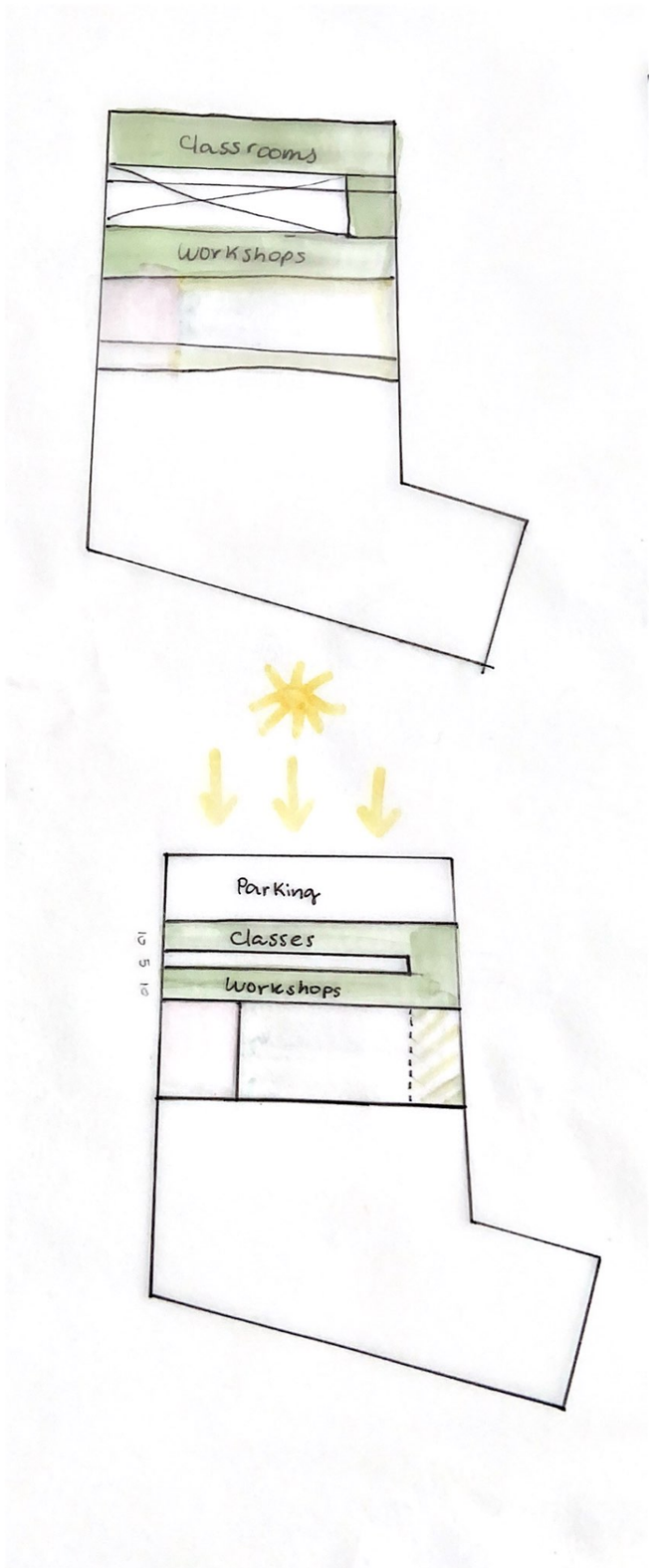






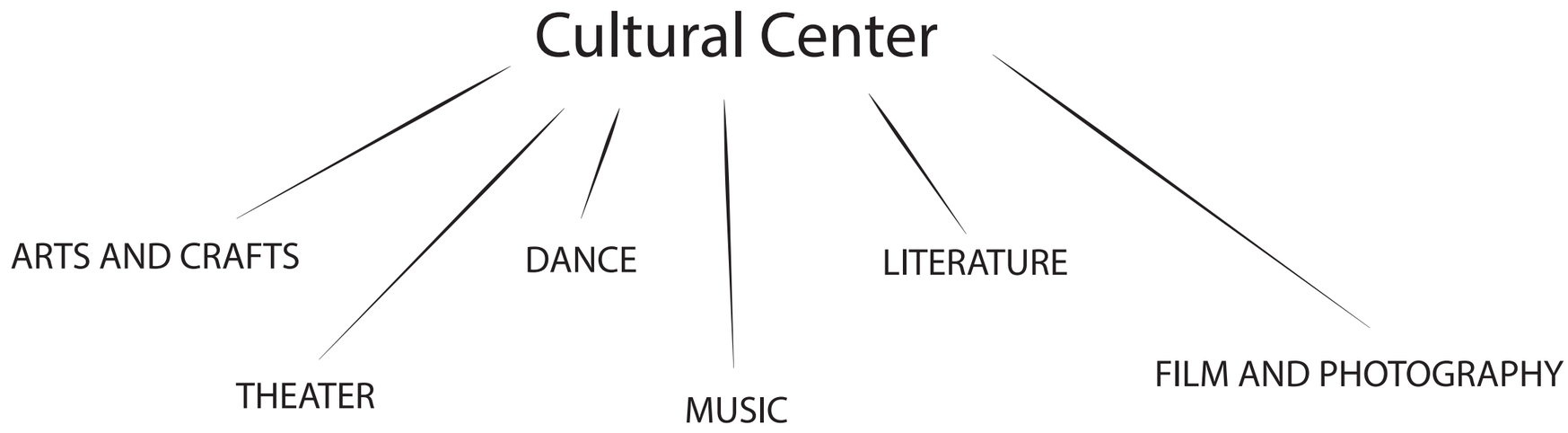
Auditorium types:

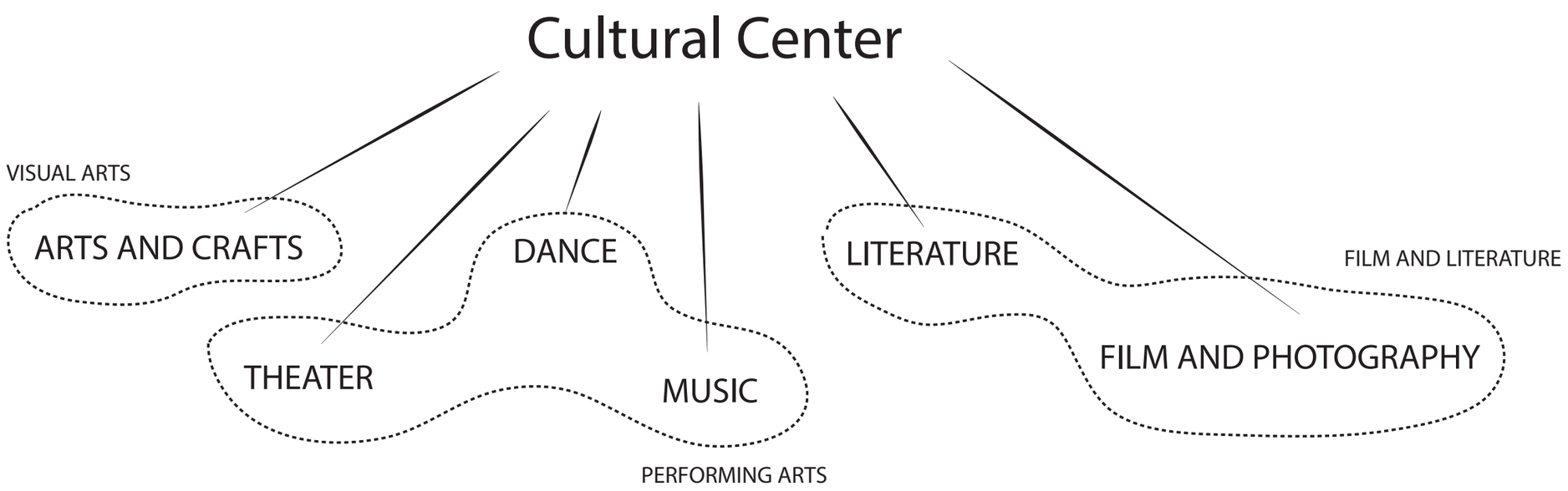
- multiple aisle seating
- continental seating
- wide fan seating
- horseshoe theater
- Vineyard musical hall
- arena stage
- 3/4 stage
- Proscenium stage
- thrust stage
- Flexible theater
- transverse stage


Classrooms
Workshops
Parking
Classes
Workshops


Visual arts
Performing arts
Film/ Literature
common spaces
Administrative
Parking
ground Floor
First Floor

10. P2


Cultural Center
ARTS AND CRAFTS
THEATER
DANCE
MUSIC
LITERATURE
FILM AND PHOTOGRAPHY


Cultural Center
VISUAL ARTS
ARTS AND CRAFTS
THEATER
DANCE
MUSIC
PERFORMING ARTS
LITERATURE
FILM AND LITERATURE
FILM AND PHOTOGRAPHY

Visual Arts (Arts & Crafts)

#	Room Type	Area	Height	N° of people	Quant.	Total area	Room Features
1	Drawing/Painting	75m²	5 m	12	1	75 m²	Drawing tables, chairs, shelves, board
2	Ceramics	150 m²	5 m	15	1	150 m²	Large working tables, shelves, sink, raw material/product storage, oven
3	Weaving	100 m²	5 m	10	1	100 m²	Weaving stations, chairs, shelves
4	Multifuctional space	150 m²	5 m	20	1	150 m²	Large working tables, shelves, sink, storage, tool racks
5	Ateliers for artists	25 m²	5 m	1 - 2	4	100 m²	Table, shelves, sink
						575 m²	
						775 m²	(x1,35 for circulation)

Performing Arts (Theater/Dance/Music)

#	Room Type	Area	Height	N° of people	Quant.	Total area	Room Features
6	Theater/Drama	100 m²	5 m	20	2	200 m²	Small stage, chairs, board/screen
7	Contemporary dance	100 m²	5 m	20	1	100 m²	Mirros and bars
8	Modern dance	100 m²	5 m	20	1	100 m²	Mirros and bars
9	Vocal Class	50m²	3 m	10	1	50m²	Shelves for instruments, chairs, board/screen
10	Instrumental Class	50m²	3 m	10	1	50m²	Shelves for instruments, chairs, board/screen
						500 m²	
						675 m²	(x1,35 for circulation)

Film and Literature

#	Room Type	Area	Height	N° of people	Quant.	Total area	Room Features
11	Library	500 m²	5 m	20	1	500 m²	Bookshelves, tables, chairs, sofas, reception counter
12	Writing space	50m²	3 m	12	1	50m²	Drawing tables, chairs, shelves, board
13	Reading space	50m²	3 m	12	1	50m²	Drawing tables, chairs, shelves, board
14	Film/Photog. Studio	300 m²	5 m	20	1	300 m²	Bookshelves, tables, chairs, sofas, reception counter
15	Computer lab	50m²	3 m	15	1	50m²	Drawing tables, chairs, shelves, board
						950 m²	
						1280 m²	(x1,35 for circulation)

Common Spaces

#	Room Type	Area	Height	N° of people	Quant.	Total area	Room Features
16	Foyer	250 m²	5 m	200	1	250 m²	Sofas, side tables, information desk
17	Auditorium	270 m²	5 m	200	1	270 m²	Stage, rows of seats, backstage, dressing room
18	Exhibition space	500 m²	10 m	100	1	500 m²	Open floor plan
19	Shop	50 m²	3 m	-	1	50 m²	Shelves, counter, computer
20	Canteen/Café	150 m²	5 m	75	1	150 m²	Tables, chairs
21	Kitchen	25 m²	3 m	-	1	25 m²	Tables, counter, kitchen amenities
22	Toilets	25 m²	3 m	-	6	150 m²	Toilet, sink
						1395 m²	
						1880 m²	(x1,35 for circulation)

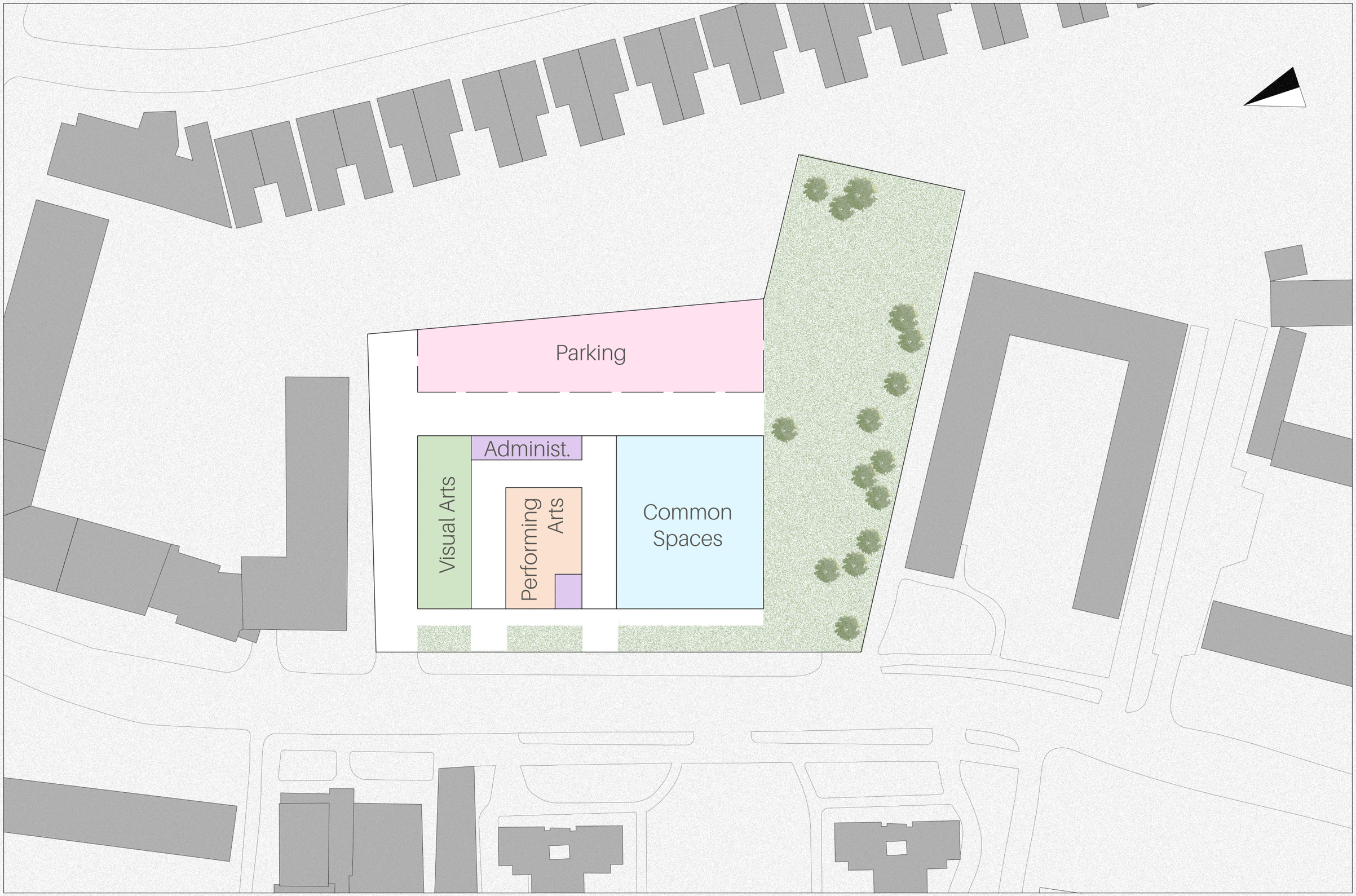
Administrative Spaces

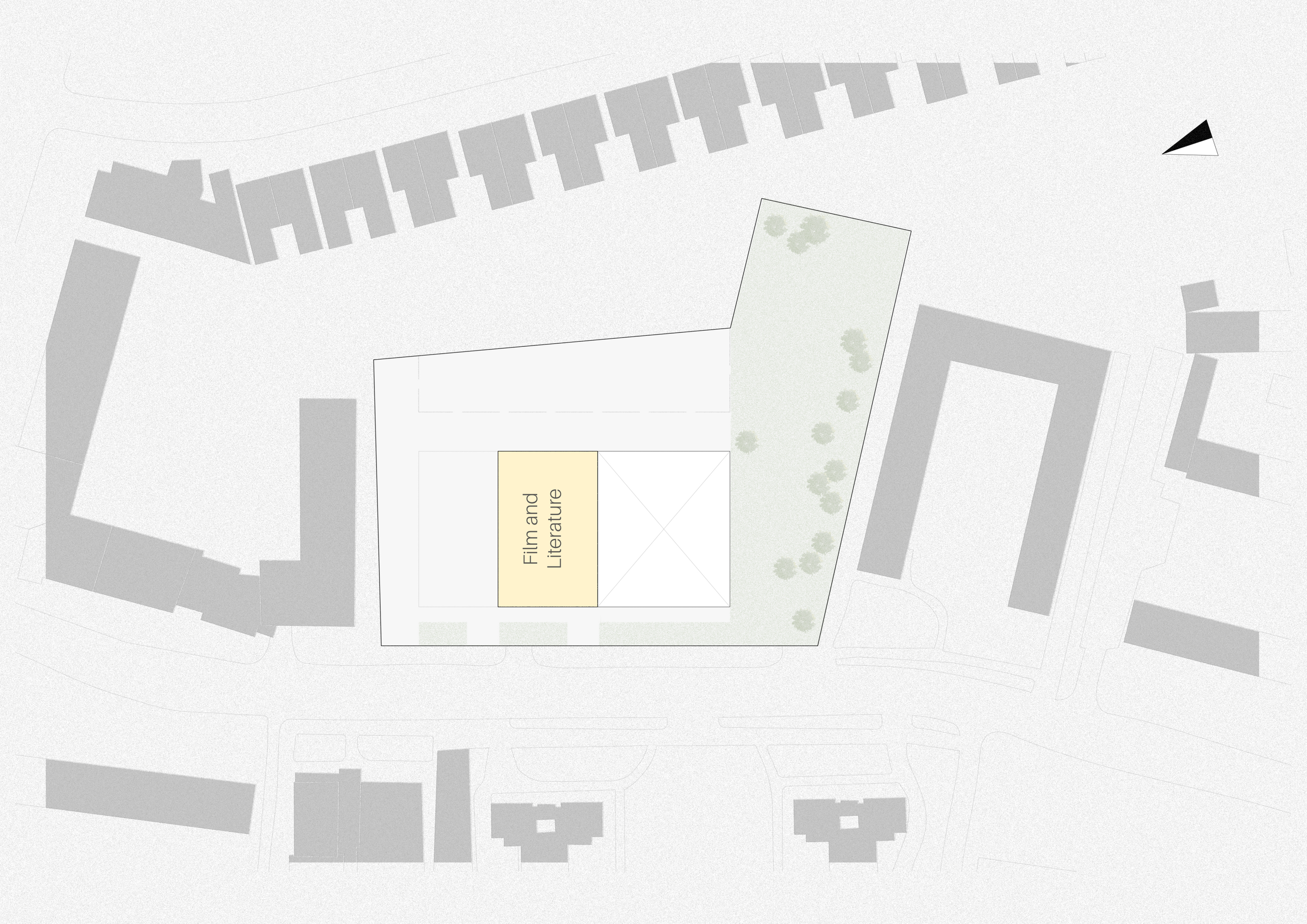
#	Room Type	Area	Height	N° of people	Quant.	Total area	Room Features
23	Entrance	25 m²	5 m	-	1	25 m²	
24	Service entrance	10 m²	3 m	-	1	10 m²	
25	Reception	-	3 m	2	1	-	Reception counter, computer
26	Adm. offices (small)	12,5 m²	3 m	1 - 2	2	25 m²	Desk, computer
27	Adm. offices (large)	25 m²	3 m	1 - 4	2	50 m²	Desk, computer, sofa
28	Storage	25 m²	3 m	-	4	100 m²	Shelves
						210 m²	
						280 m²	(x1,35 for circulation)

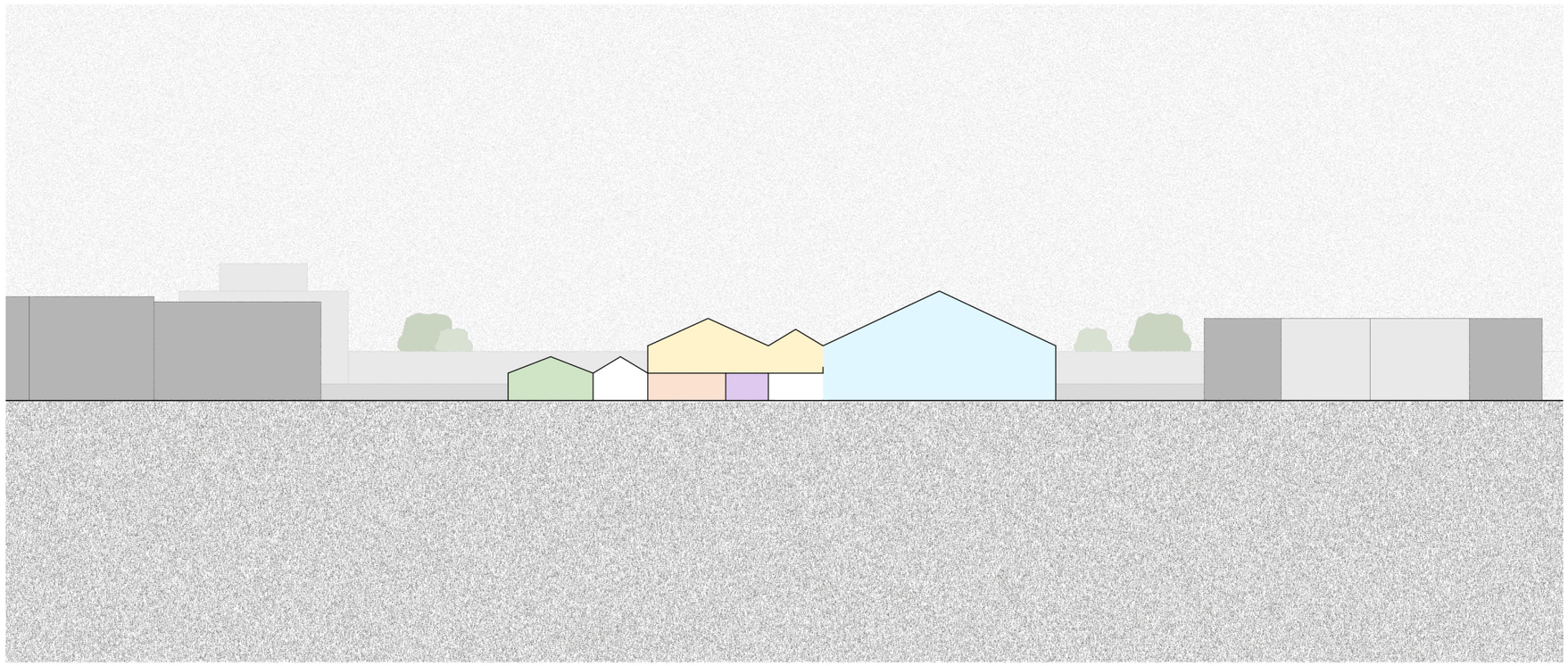
						3630 m²	Total area
						4900 m²	Total footprint area (x1,35 for circulation)

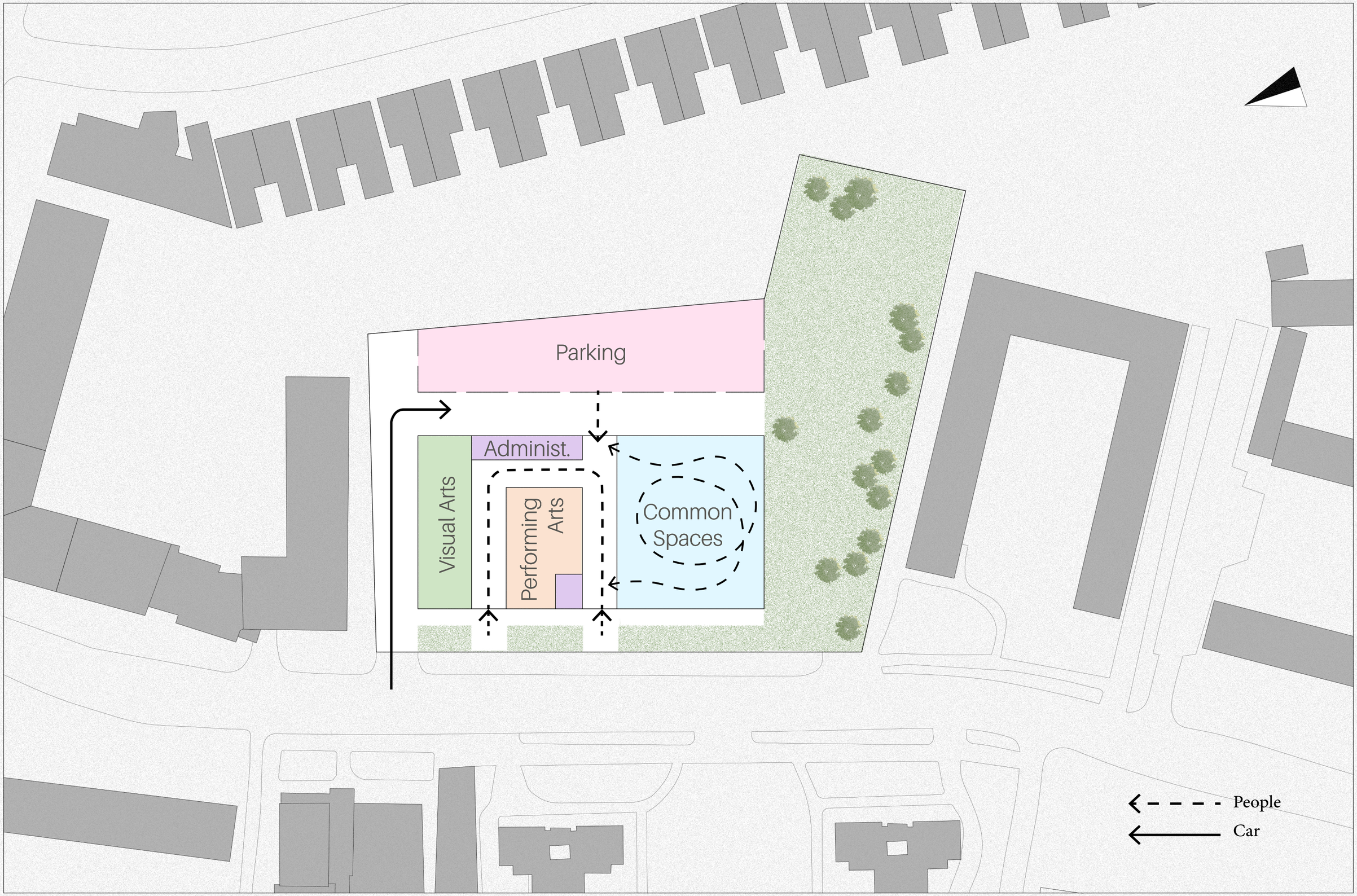
Parking and technical

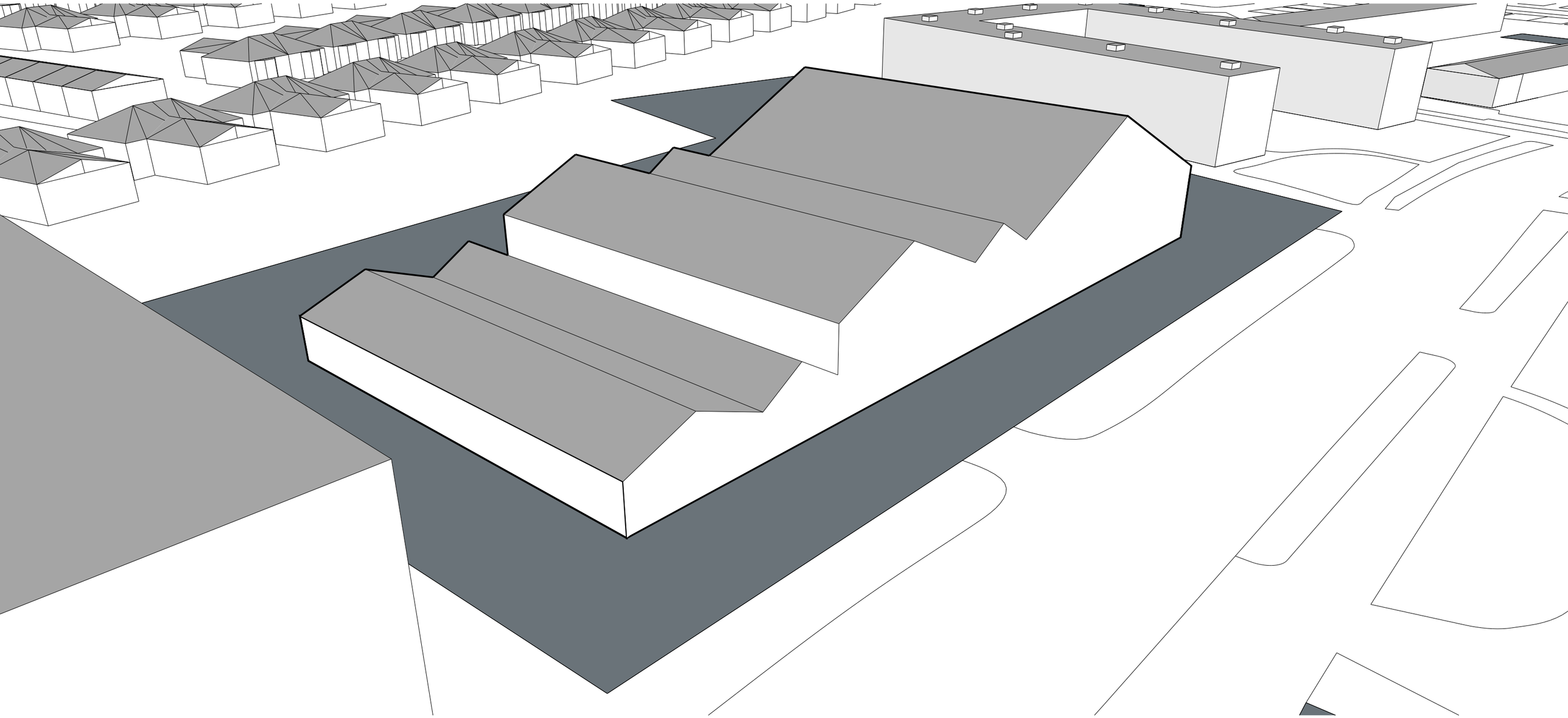
29	Parking cars	2,4 x 5 m	-	80	1	1460 m²	
30	Parking load/unload	-	-	1	1	-	
31	Parking bicycles	-	-	50	1	25 m²	bicycle raks
32	Mechanical room	-	-	-	-	-	


Parking
Visual Arts
Administ.
Performing Arts
Common Spaces

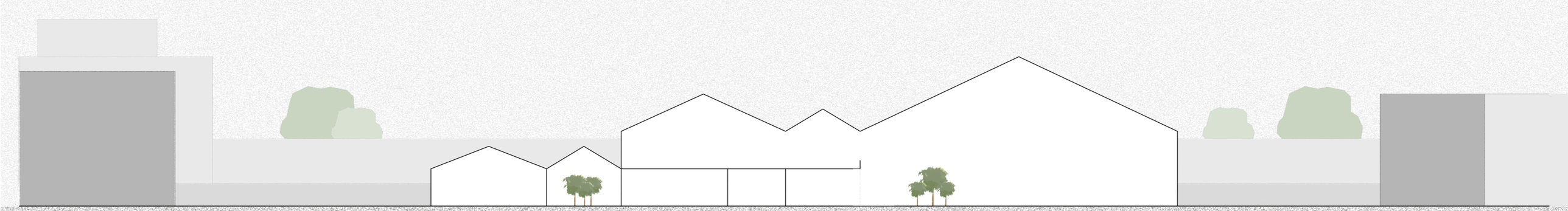

Film and
Literature




Parking
Administ.
Visual Arts
Performing Arts
Common Spaces
People
Car



o Hirearchy of spaces
o Visual connection with the interior
o Flexble and open floor plan
o Encorage encounters and social interaction

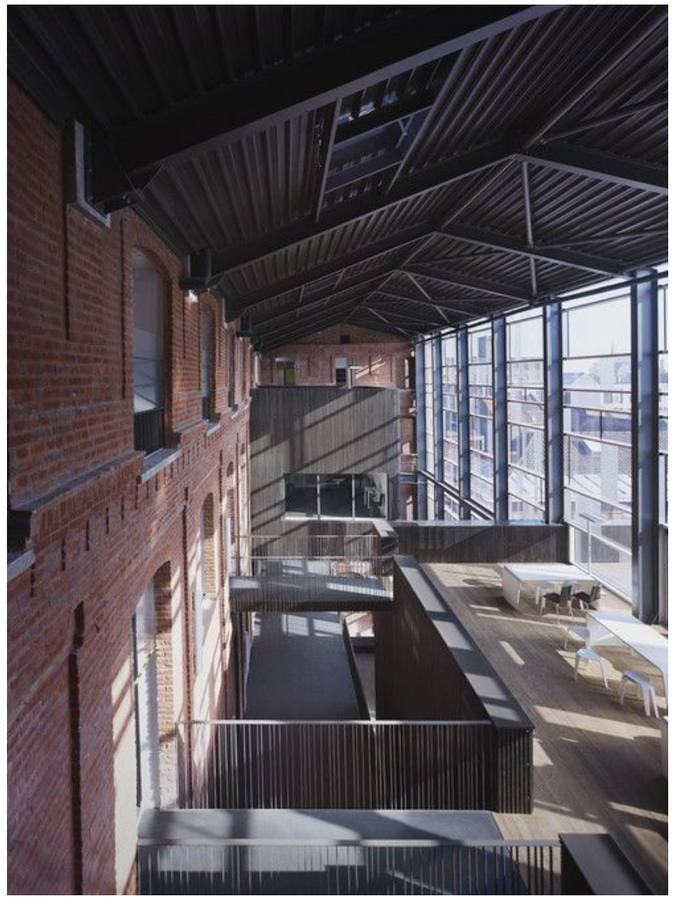


MATERIALITY

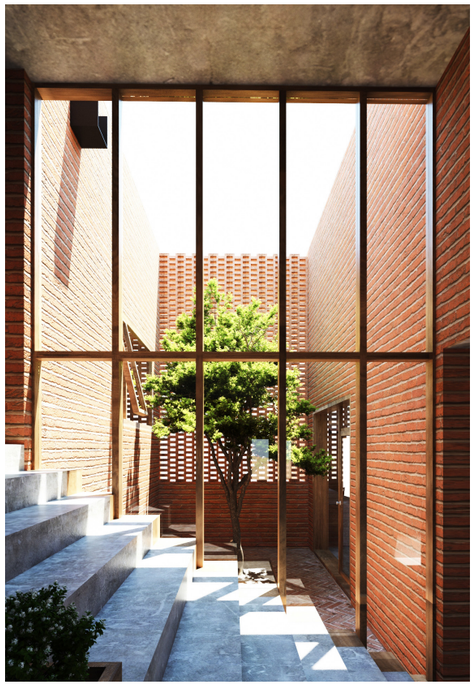
ATMOSPHERE / SPACES / MATERIALS











- Steel structure: Flexibility, open floor plan
- Brick cladding: English tradition, warmth
- Glass: Transparency, openess

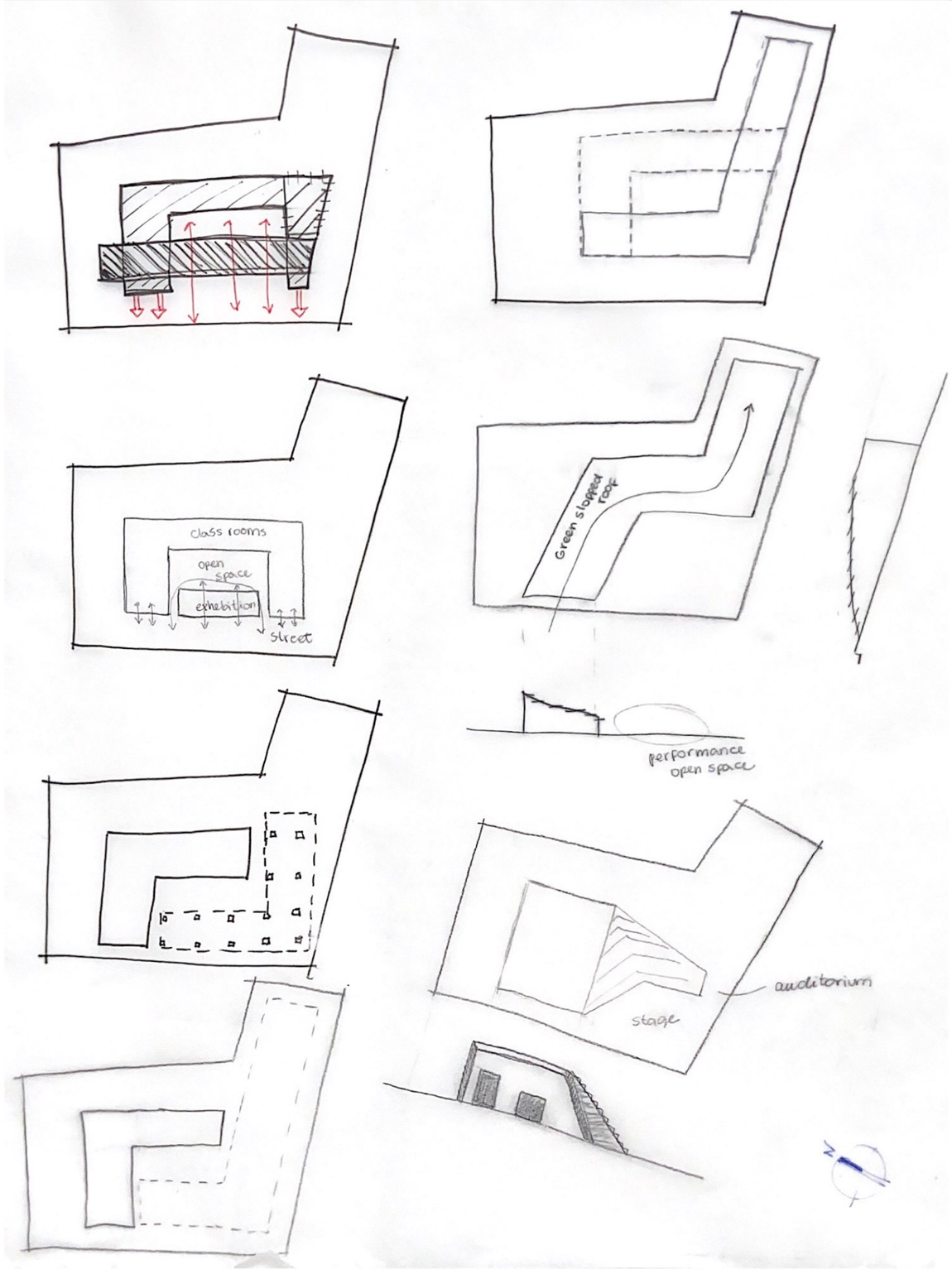
ATMOSPHERE / SPACES / MATERIALS

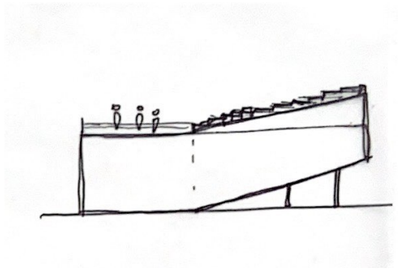


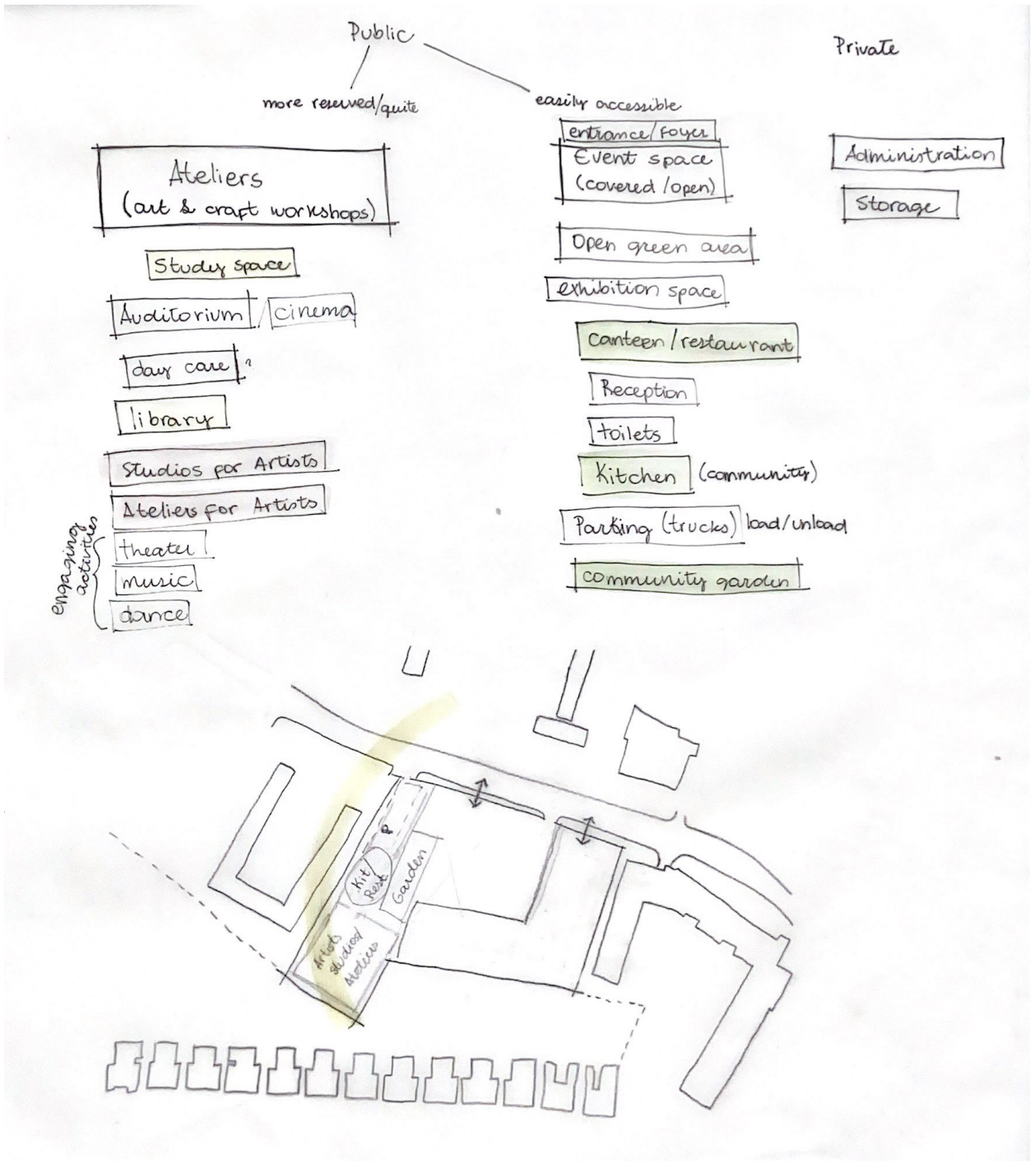


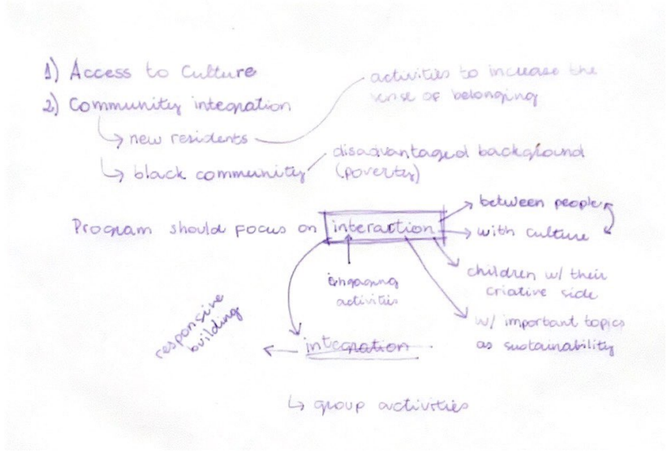


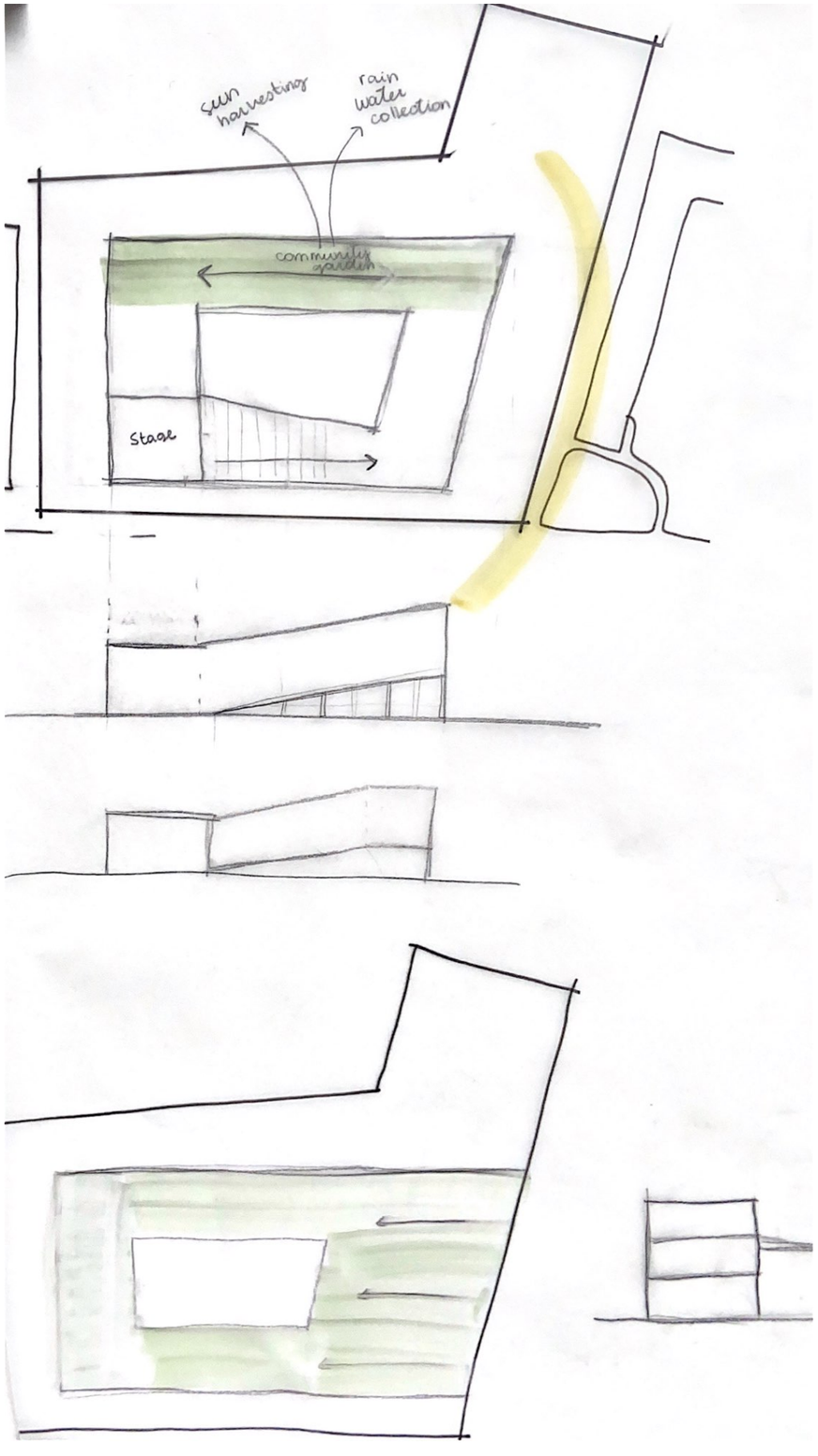
11. DESIGN DEVELOPMENT – AFTER P2 FEEDBACK

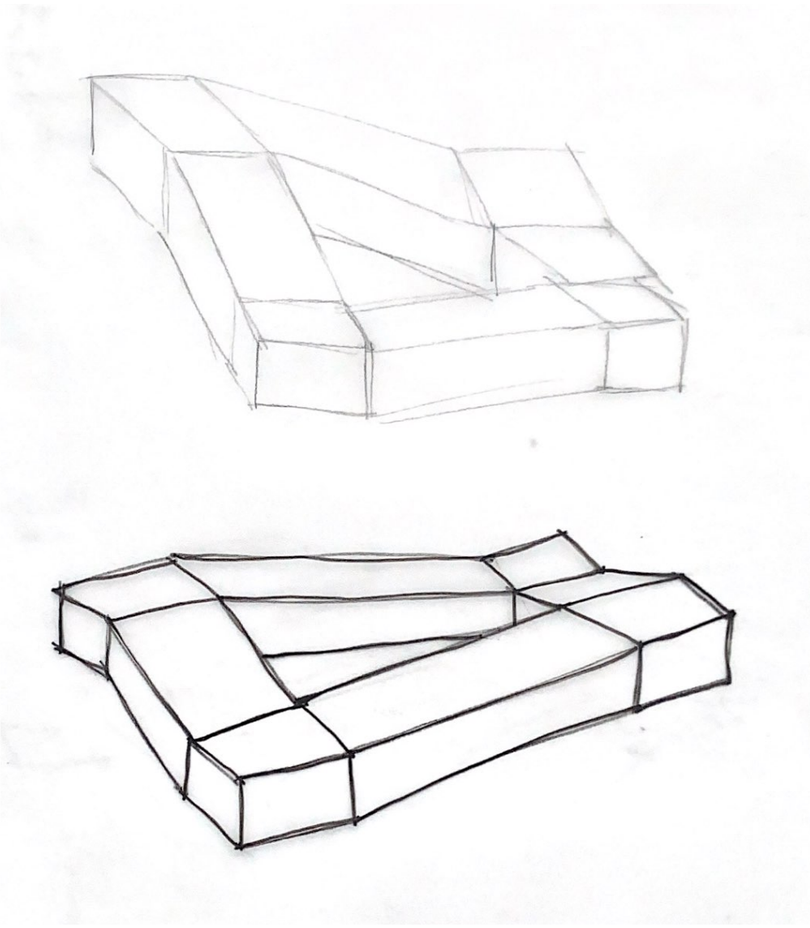


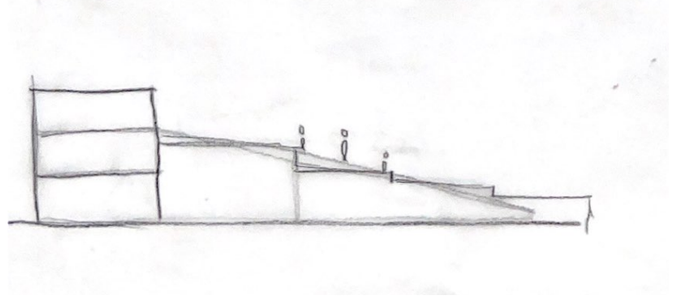


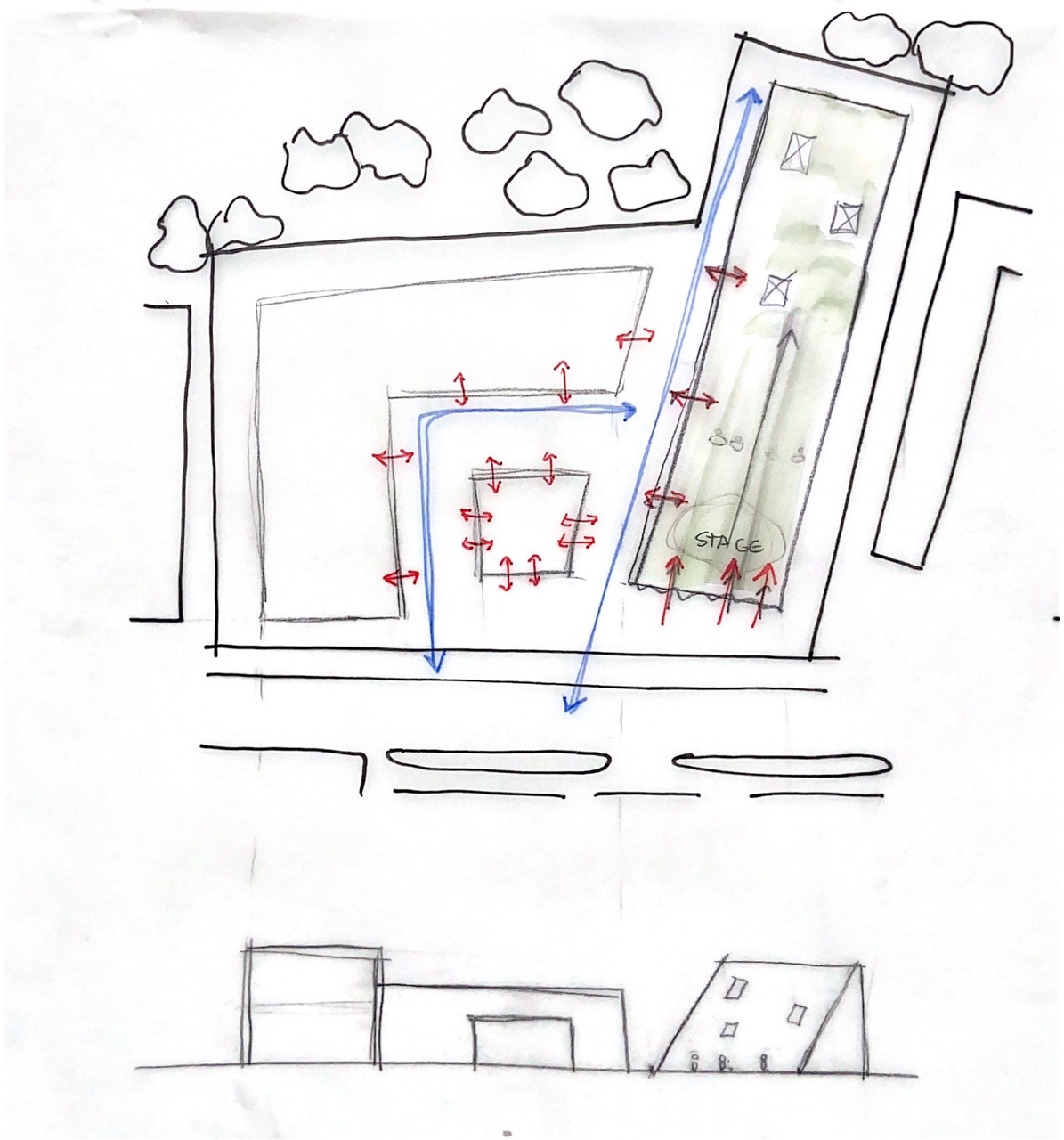

Public
Private
more reserved/quite
easily accessible
Ateliers
(art & craft workshops)
Study space
Auditorium / cinema
day care
library
Studios for Artists
Ateliers for Artists
theater
music
dance
engaging activities
entrance/foyer
Event space
(covered/open)
Open green area
exhibition space
canteen/restaurant
Reception
toilets
Kitchen (community)
Parking (trucks) load/unload
community garden
Administration
Storage
kid park
Garden
artist studios/ Ateliers

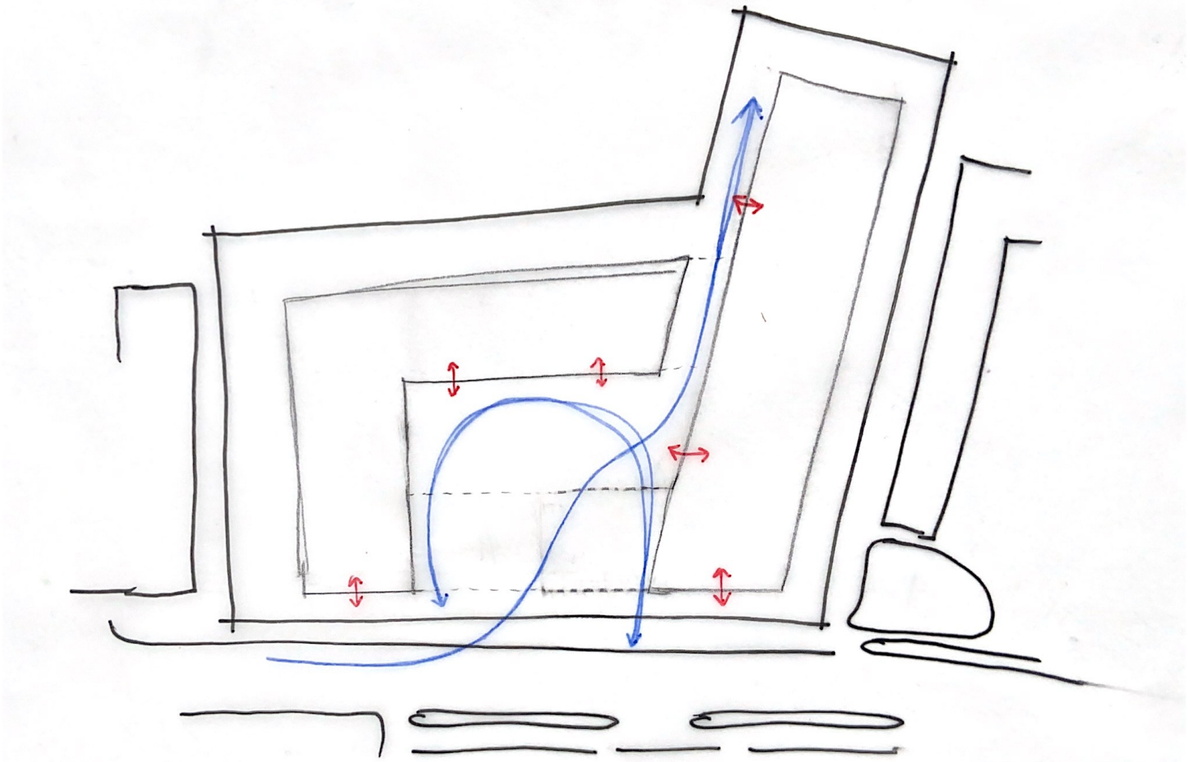

1) Access to Culture
2) Community integration
activities to increase the sense of belonging
new residents
black community
disadvantaged background (Poverty)
Program should focus on
interaction
between people
with culture
children w/ their creative side
w/ important topics as sustainability
engaging activities
integration
responsive building
group activities

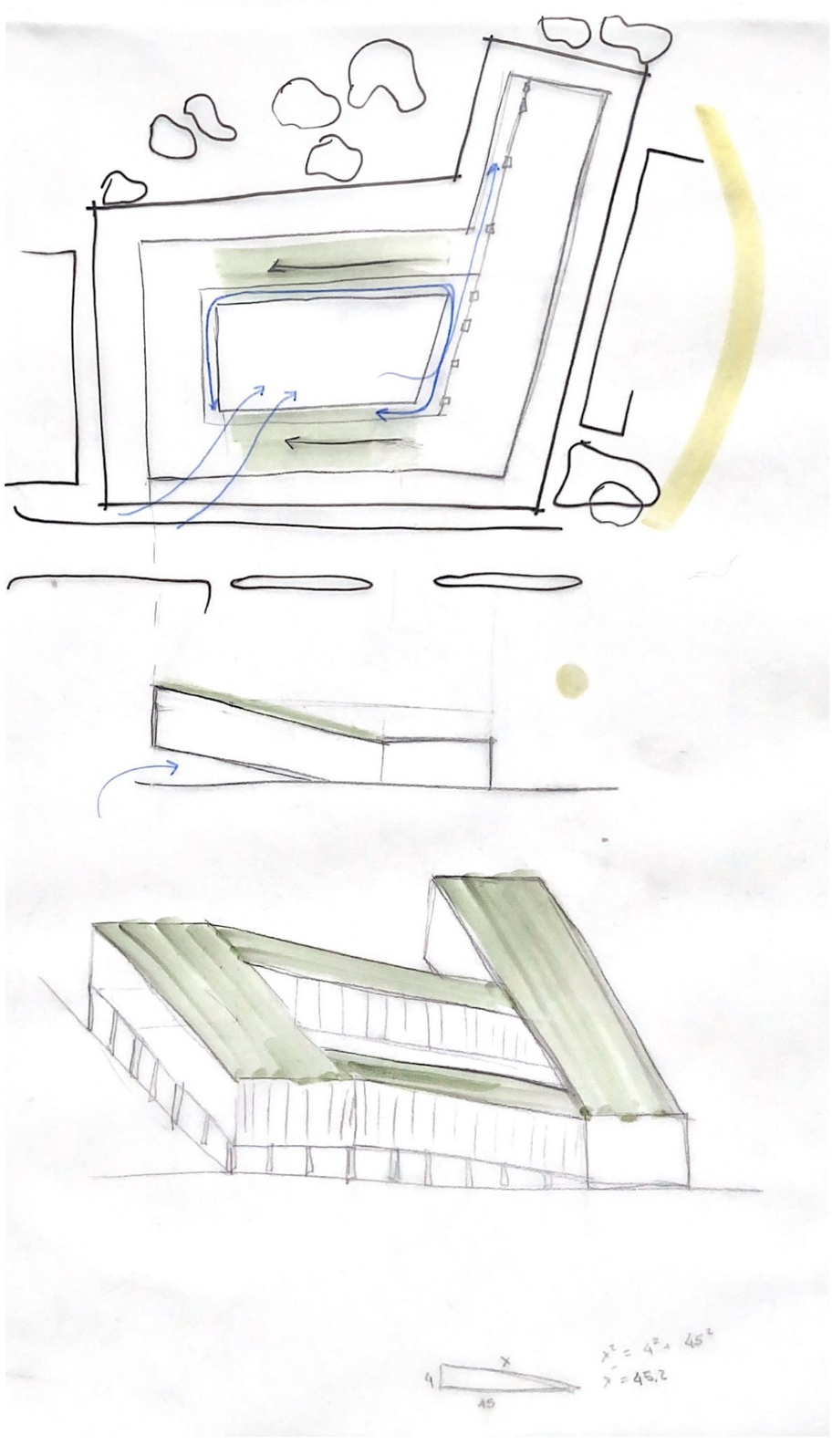

sun harvesting
rain water collection
community garden
Staal






STAGE




4
x
45
$x^2 = 4^2 + 45^2$
$x = 45.2$

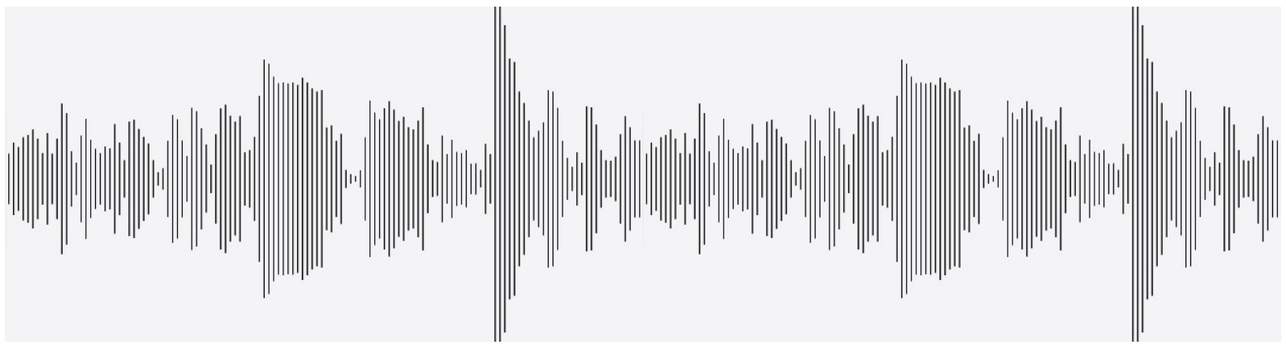
12. P2,5

INTERVIEW

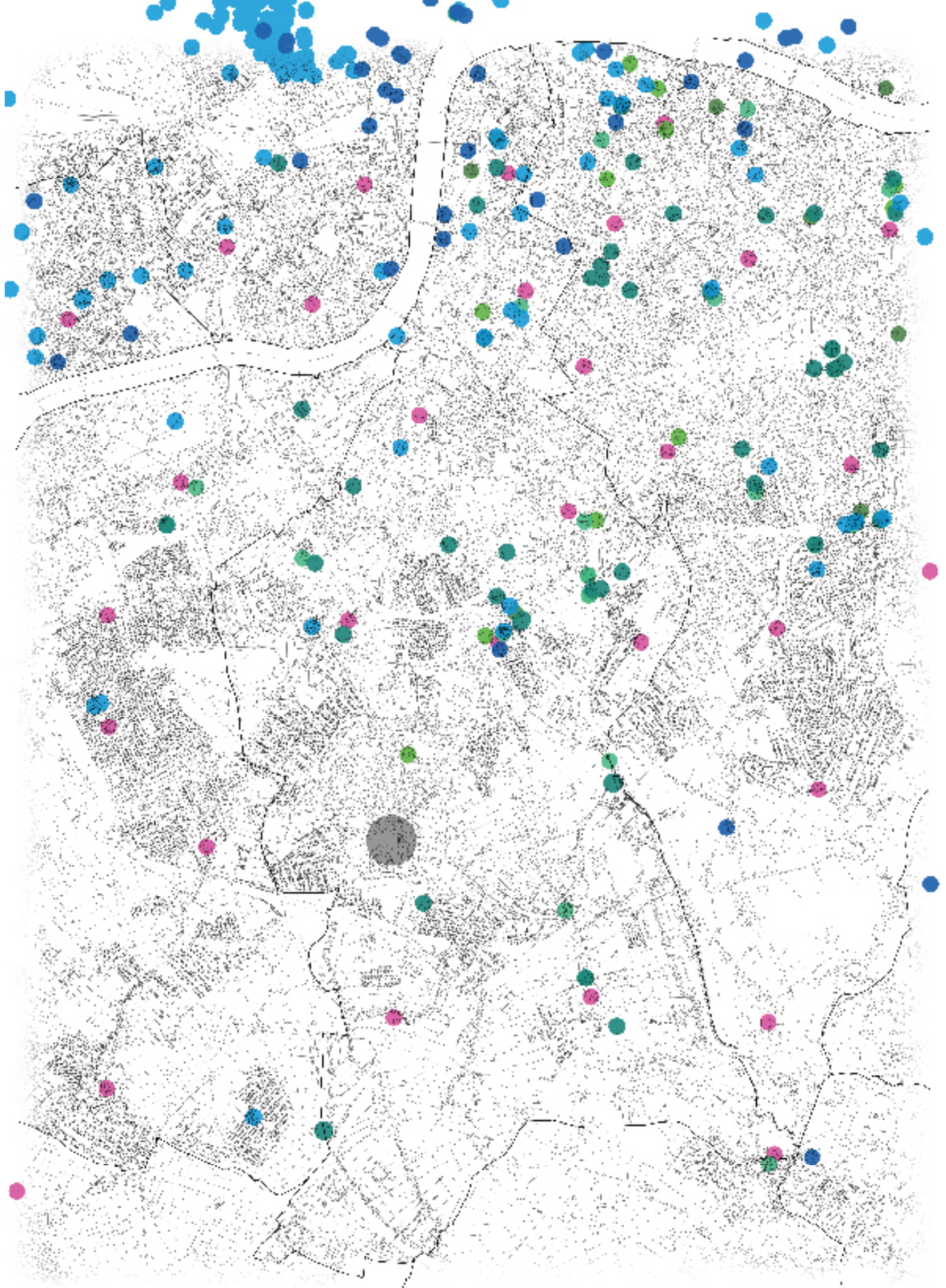
- Interview with Dan Oakley - Children and Young People's Local Authority and Third Sector Consultant.

- History of the borough
- Lambeth community
- Youth programs
- English and Lambeth culture
- Funding, goverment investments





- Historically cheap (for the center)
- Historically not desirable place to live
- North x South of Lambeth
    - Clear division
    - North: wealthy, white, better schools
    - South: denser, deprived, black and international
- Youth violence (post code barrier)
- Strong cultural production (cheap rent -> artists)
- There is no hub, no encouters
- Clapham
    - Vivid area
    - Good accessibility
    - Young and internationals

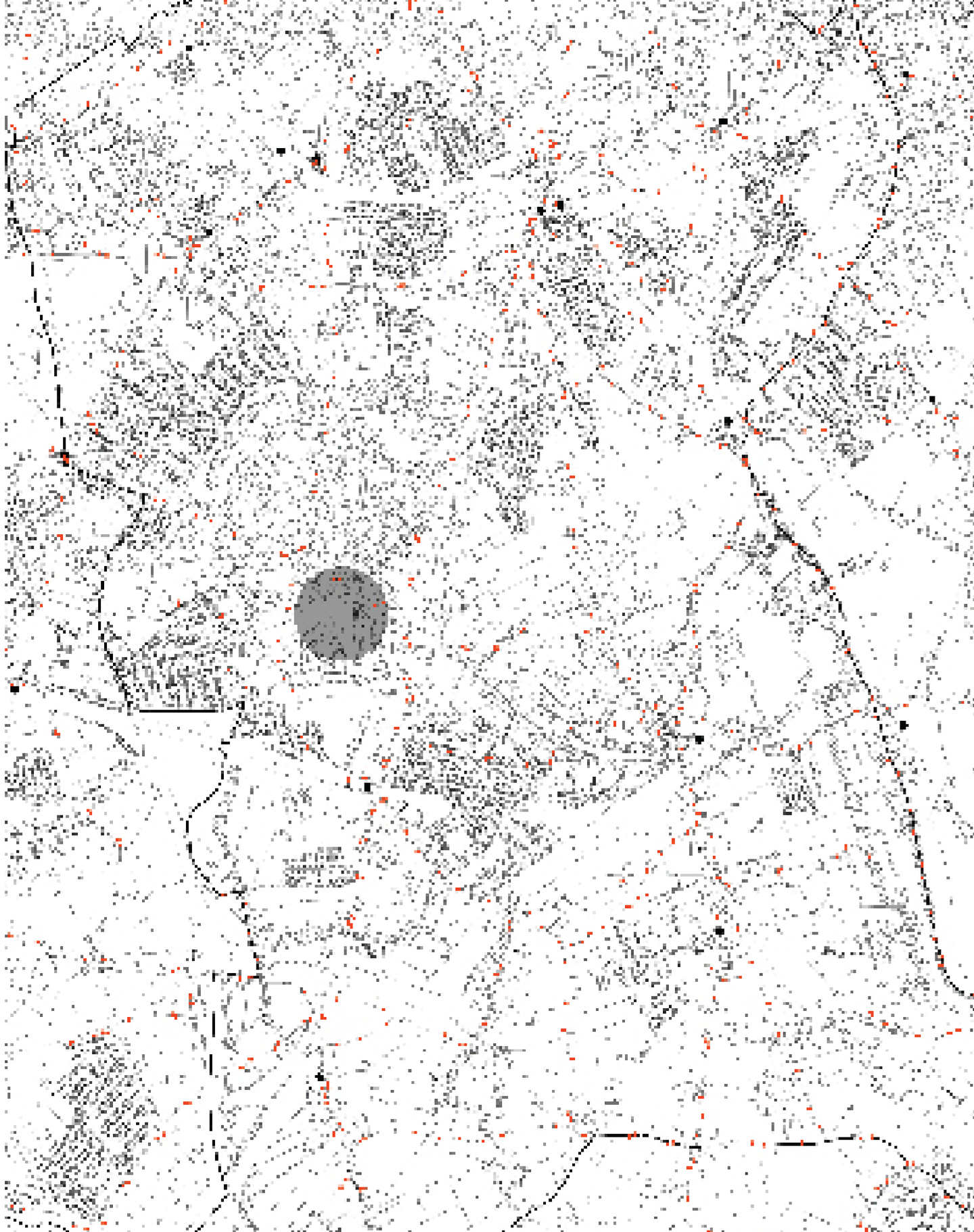


LOCATION ACCESSIBILITY

Difficult

Easy

- Young people rely on bus



DATA

Lambeth resident population 2016 - **327,582**

4,590 births (2015)

1,440 deaths (2015)

Large proportion - **(44%) are young adults,** age 20-39 years

5th most densely populated local authority in England and Wales

Small proportion – **(8%) are older adults,** age 65 plus

31% of population live in areas of **high deprivation**

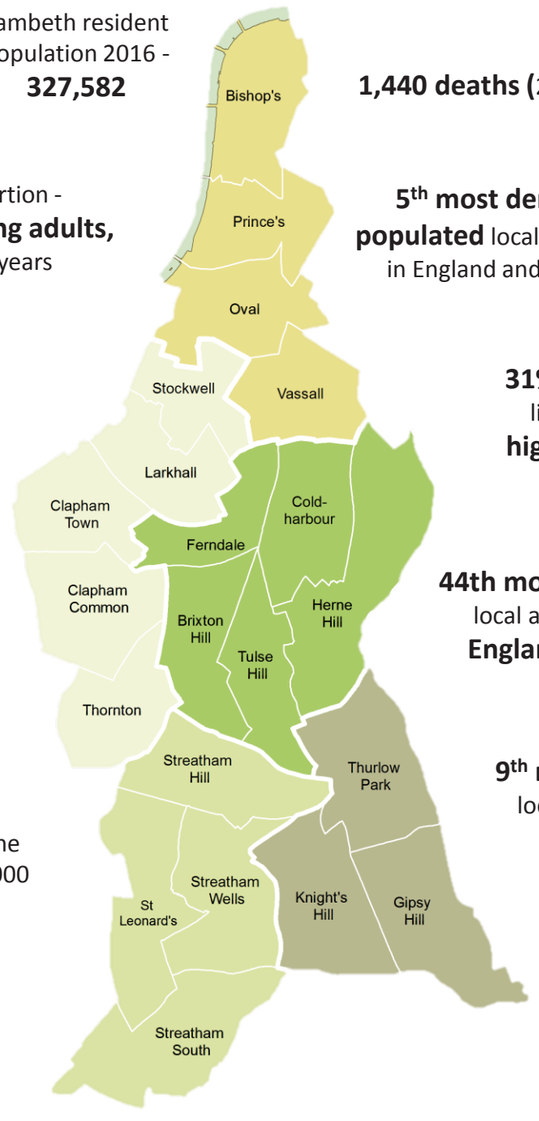
Ethnically diverse: 3 in 5 describe their ethnicity as other than white British

44th most deprived local authority in **England** (of 326)

High turnover: 40,000 people leave the borough, and over 40,000 others move to the borough every year

9th most deprived local authority in **London**

One third of families with children are in receipt of benefits



Source: Department for Communities and Local Government, 2015

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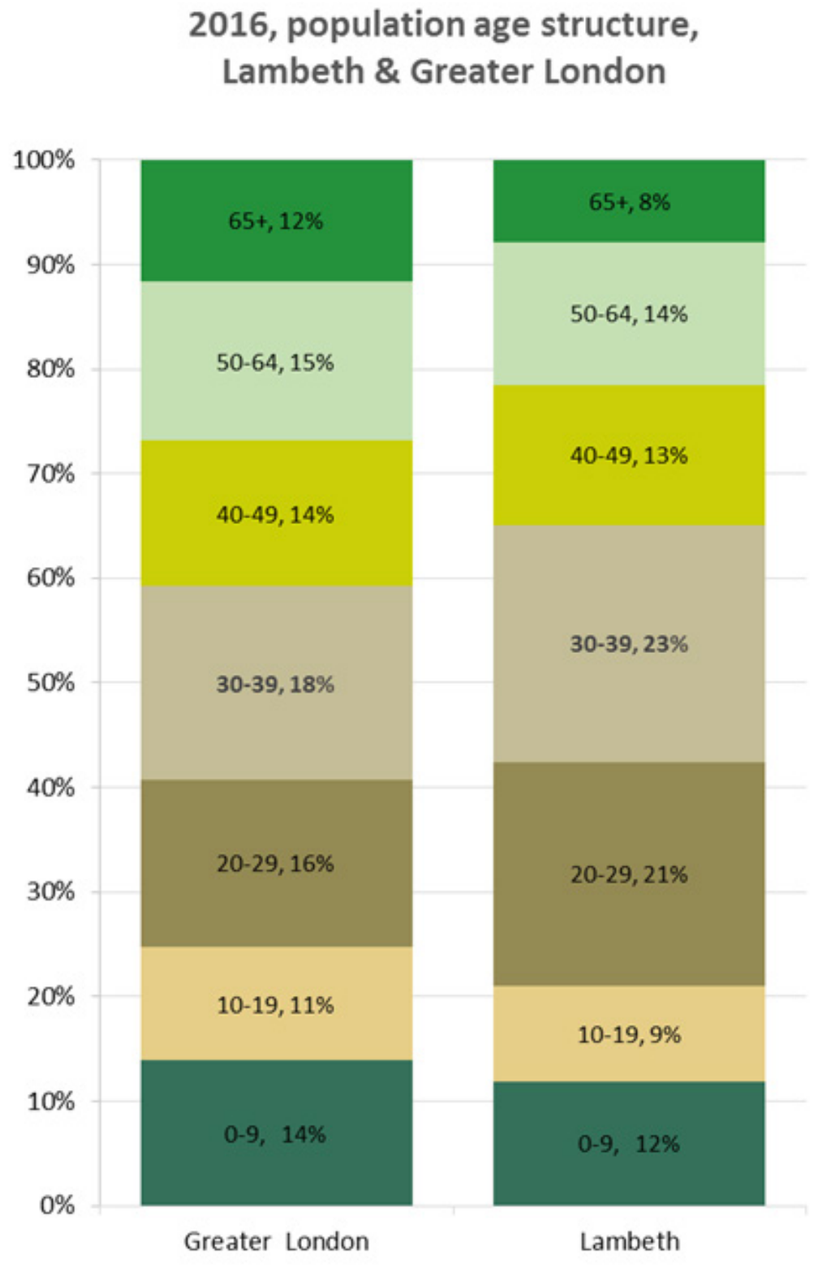

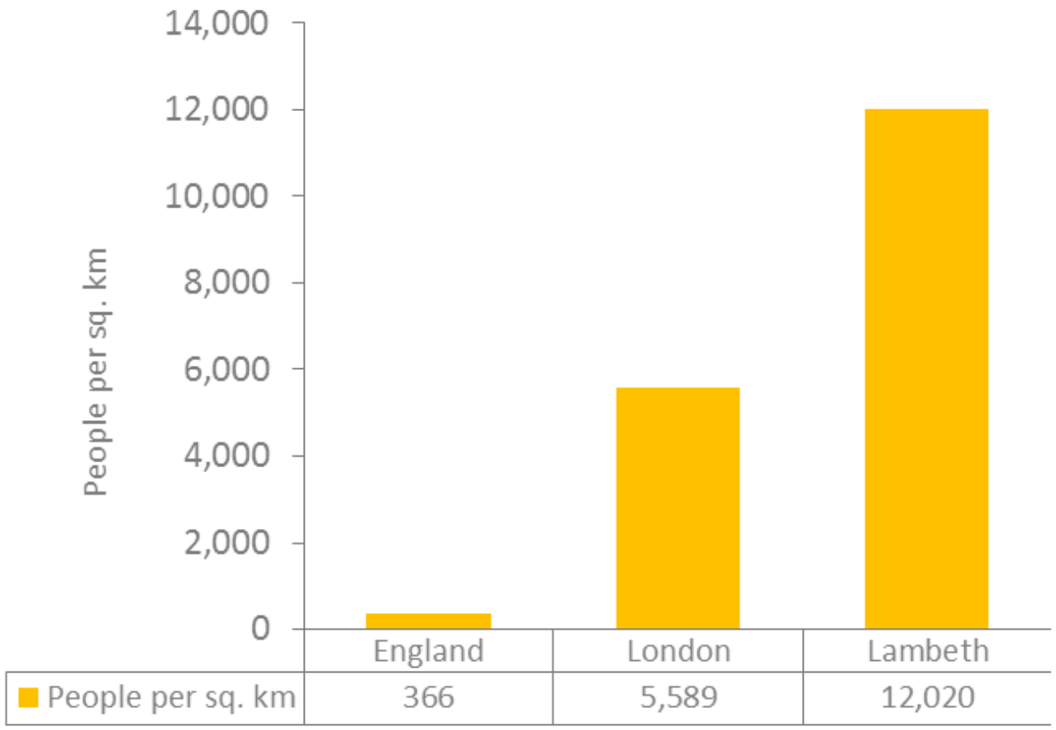

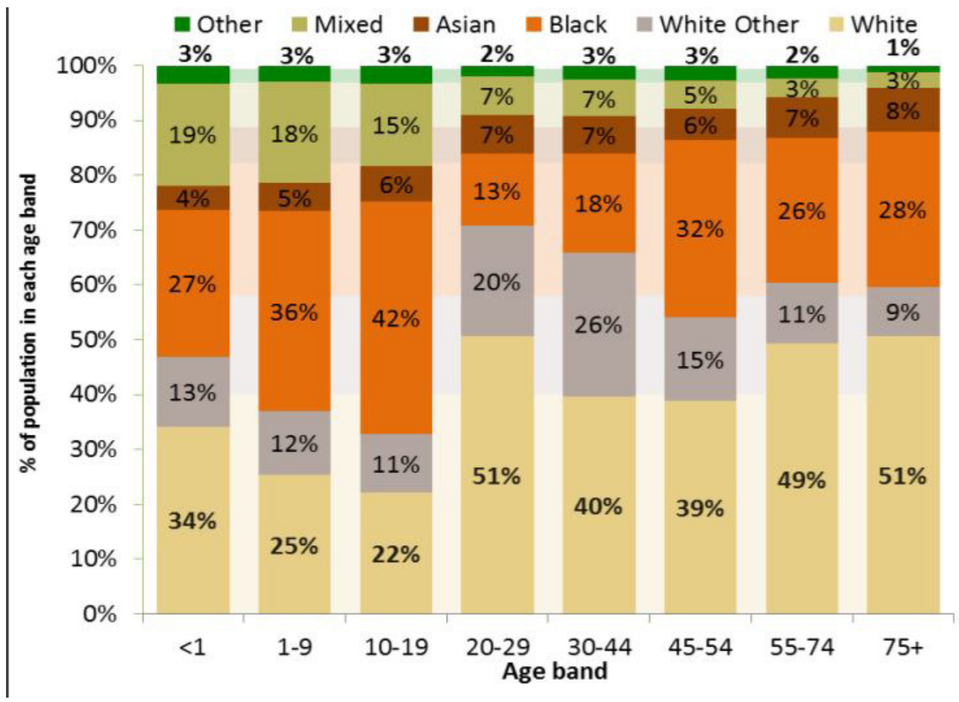

The underlying image shows the ethnicity break-down across the whole population (all ages) of Lambeth.

Source: Department for Communities and Local Government, 2015

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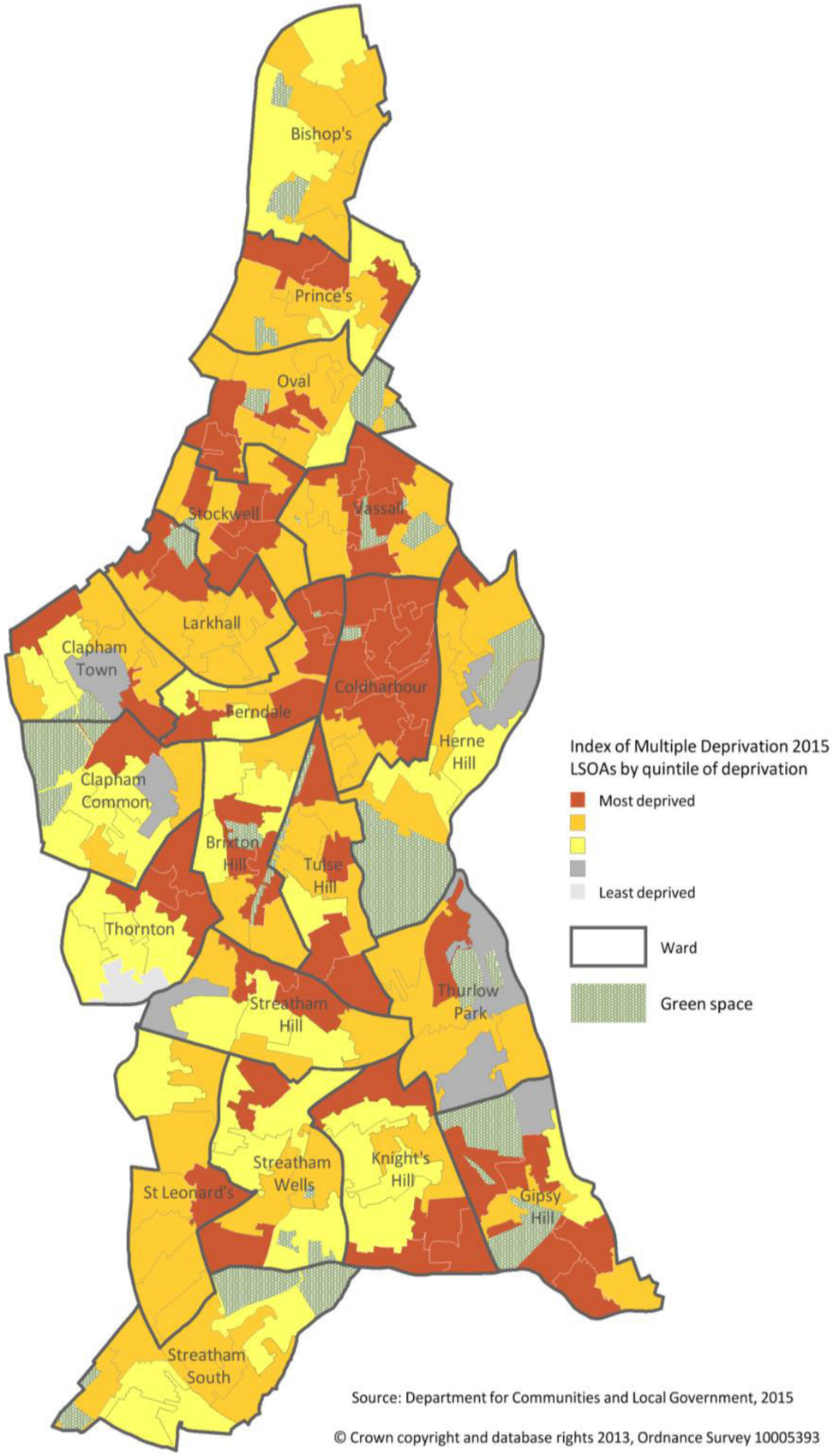

Source: Department for Communities and Local Government, 2015

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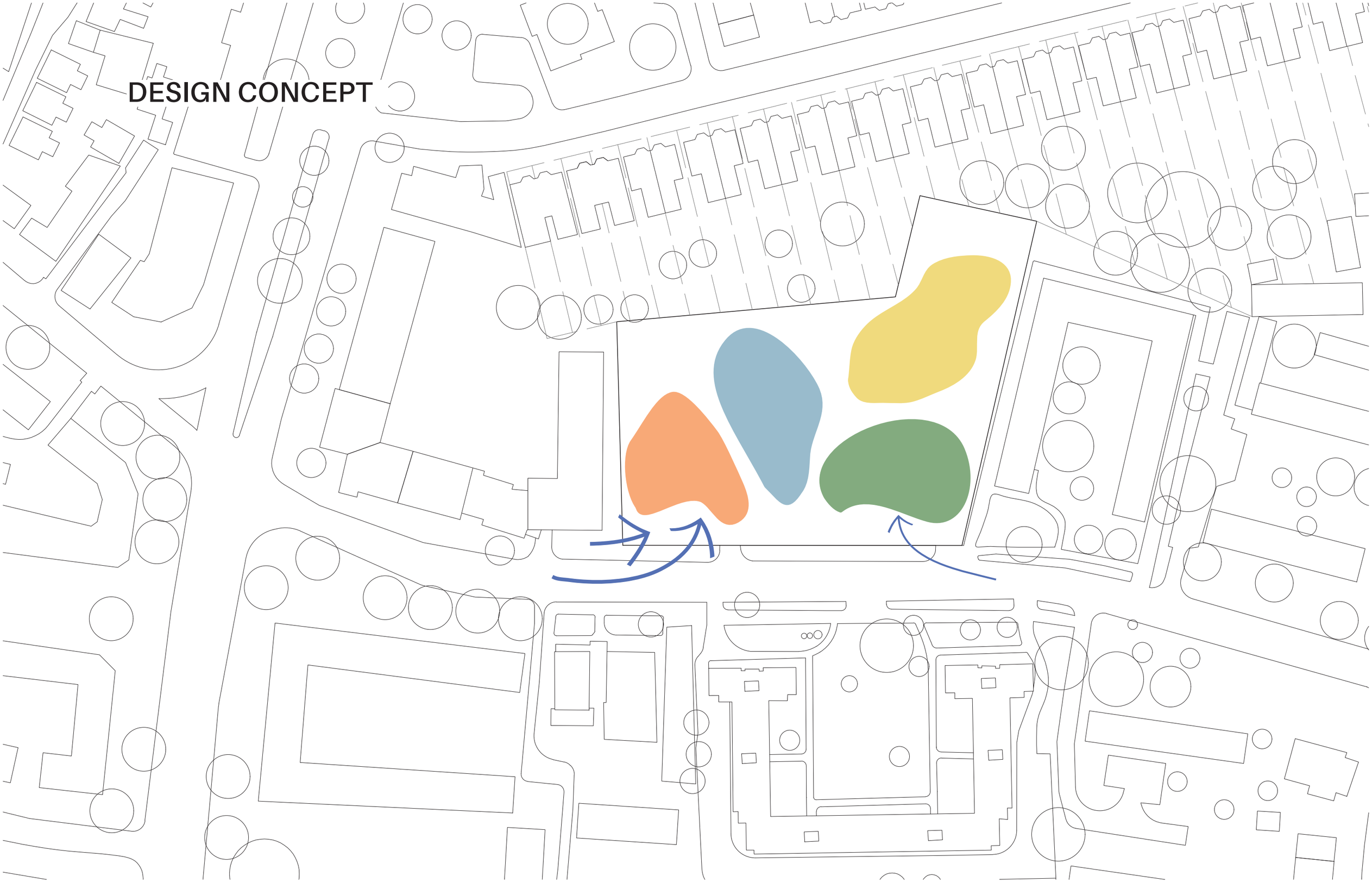
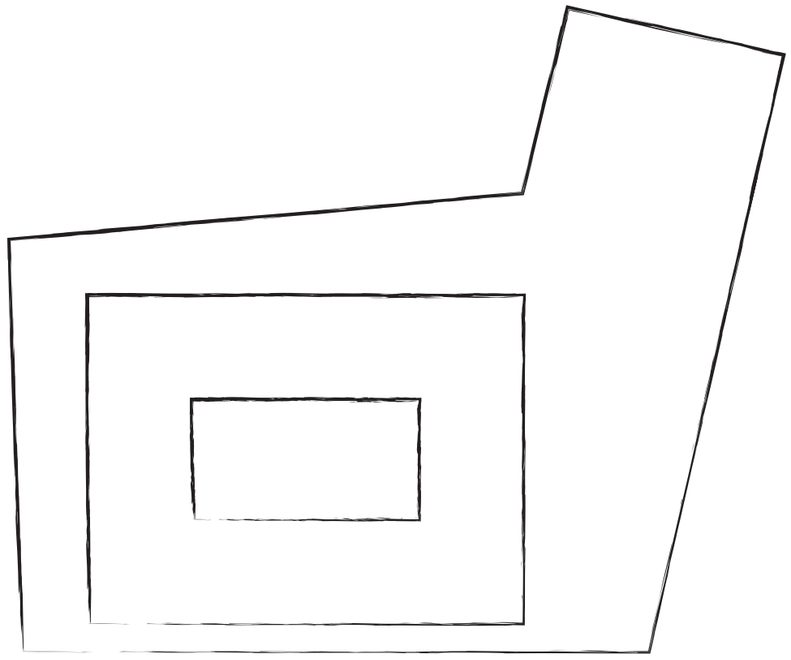
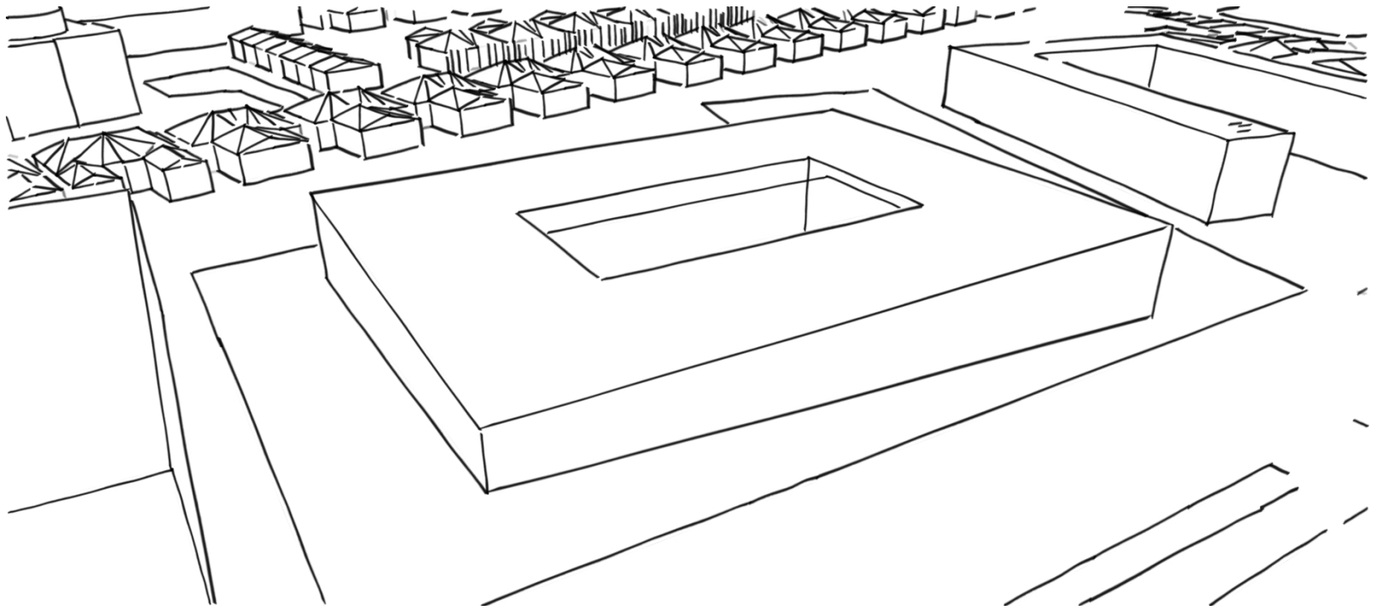
FULL DAY PROGRAM

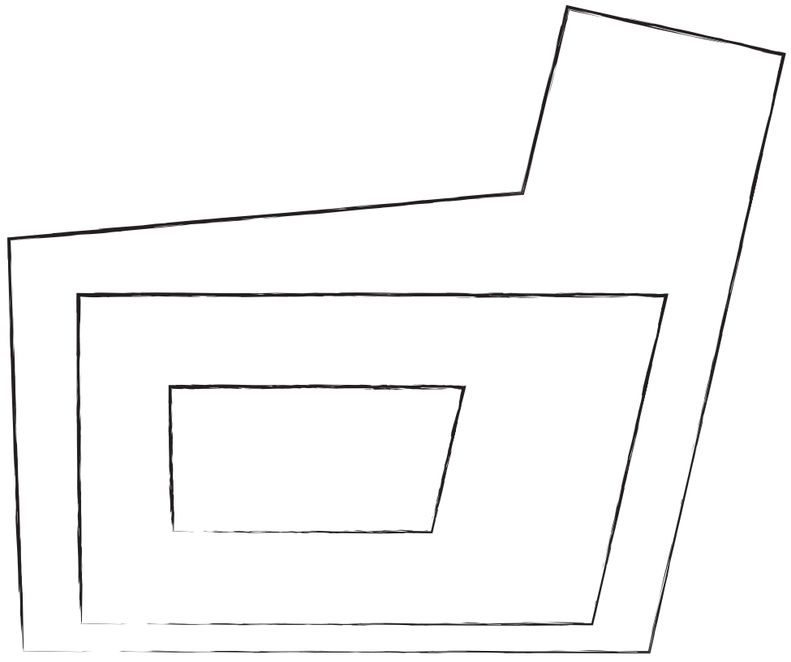
- 8:30 – 15:30 -> Daycare, workshops used as working space for young adults, activities for adults and parents
- 15:30 – 19:30 -> Activities for children (educational and social engagement)
- 19:30 – 22:00 -> Activities for the community (leisure activities)
- Weekends -> events, fairs, market space

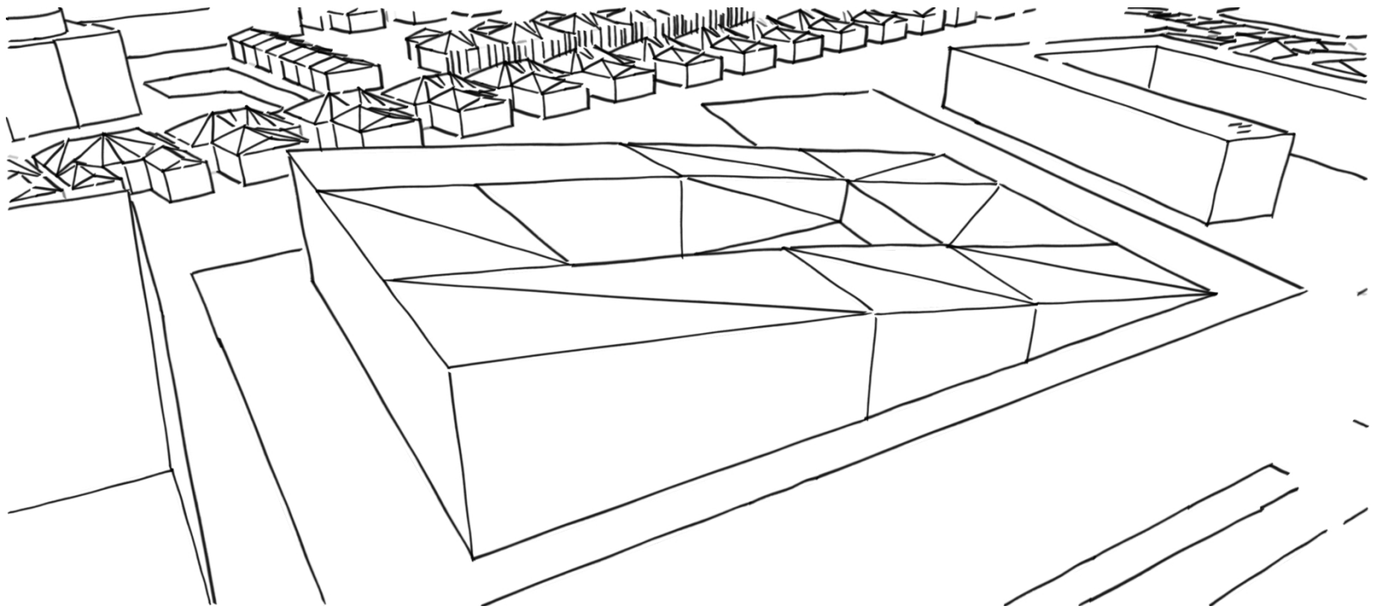
DESIGN CONCEPT

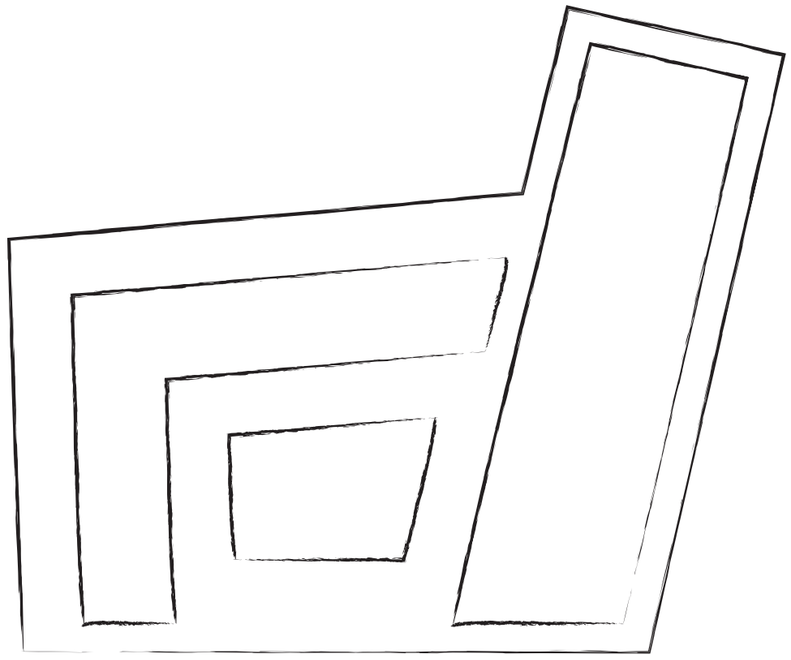


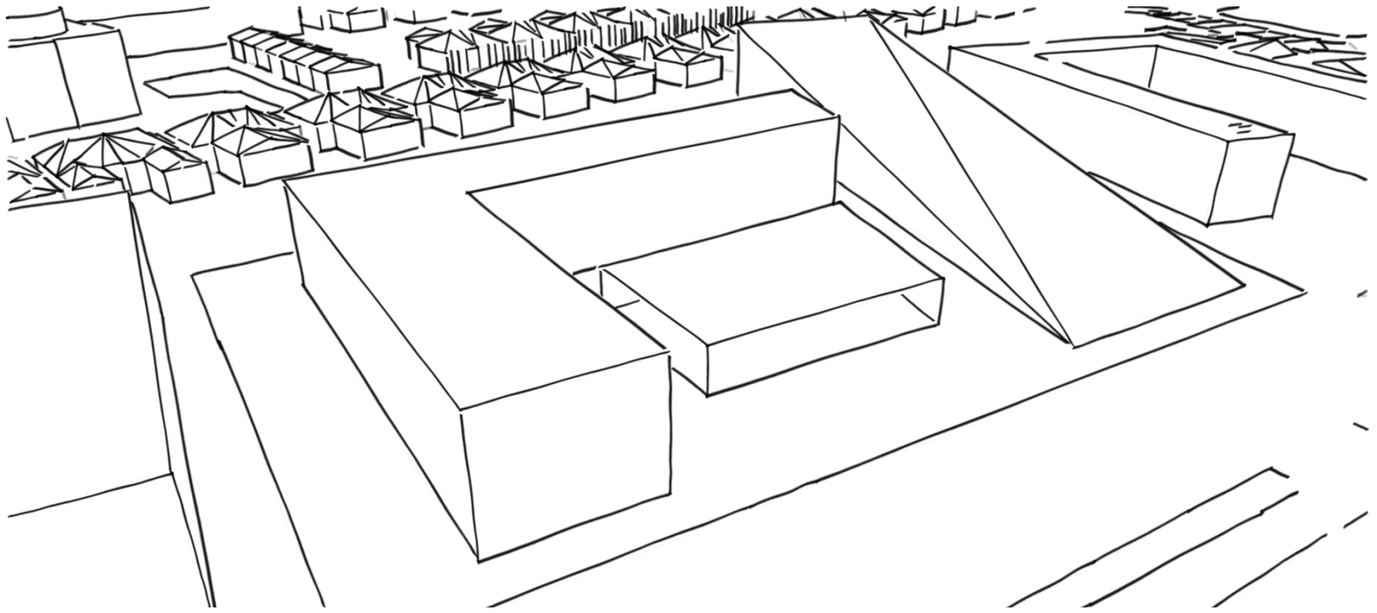


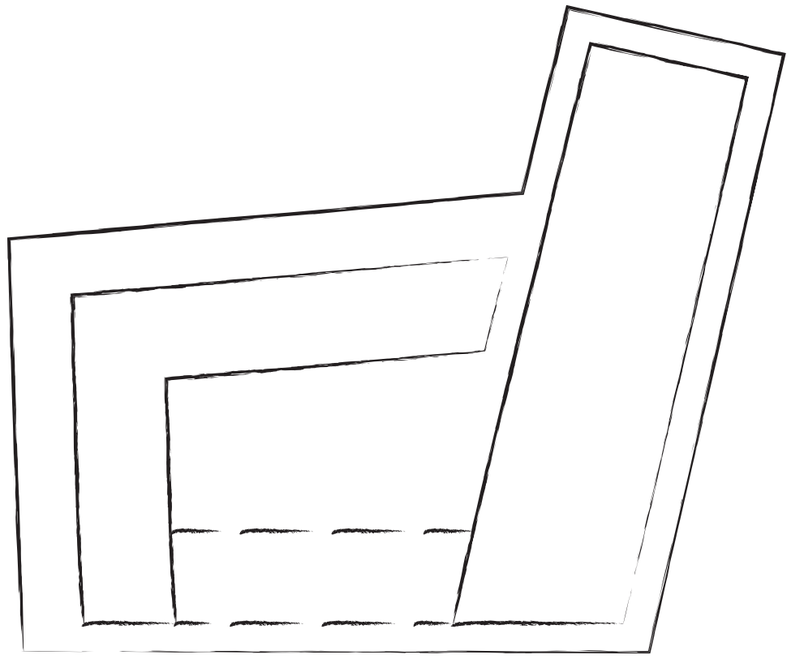


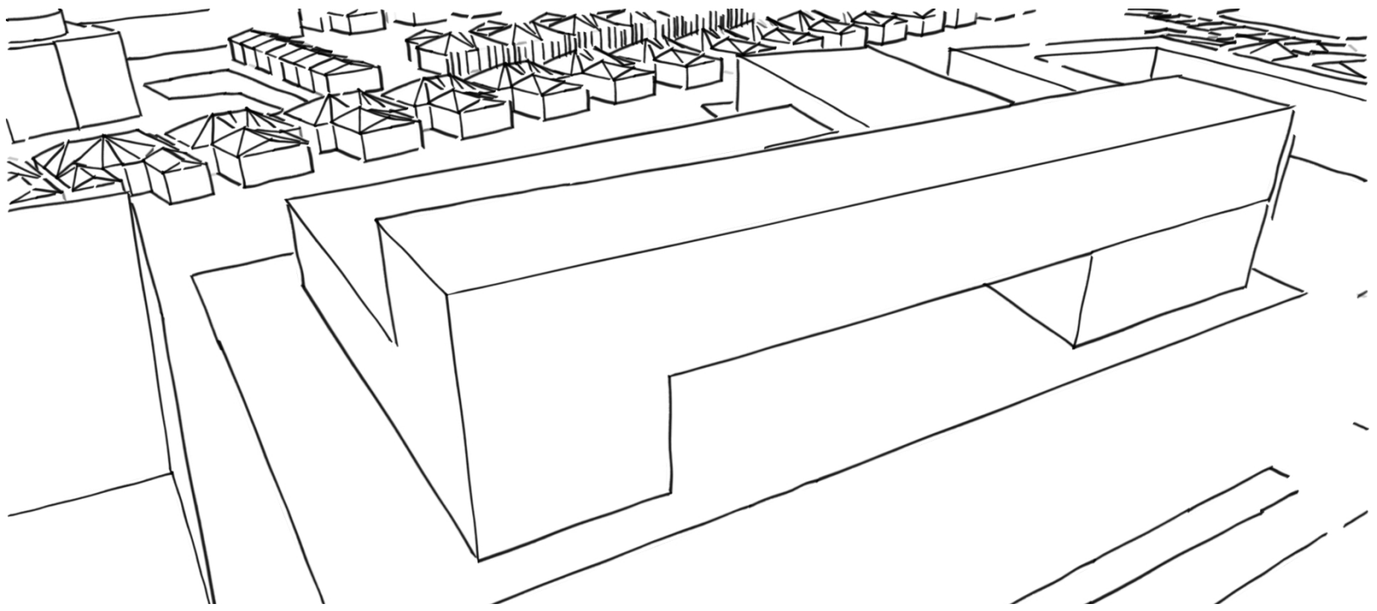


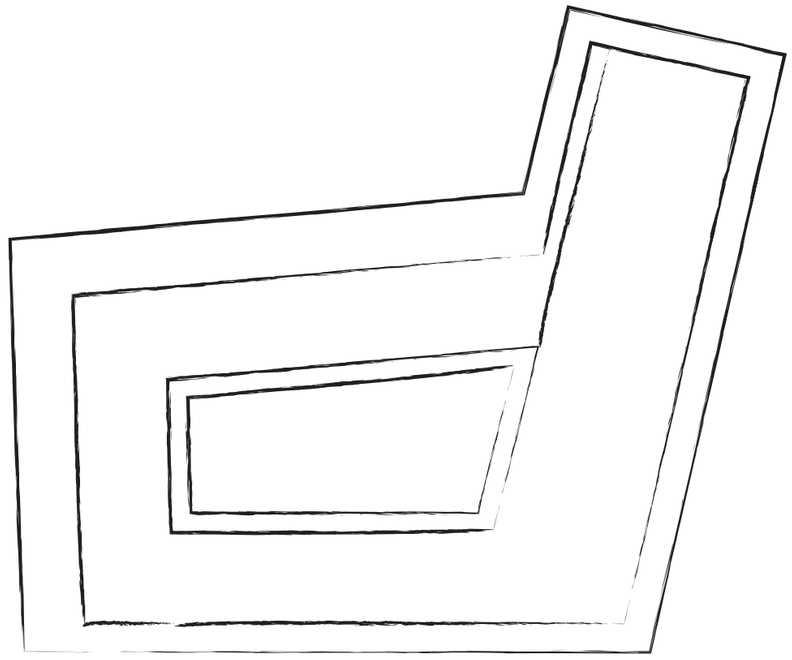


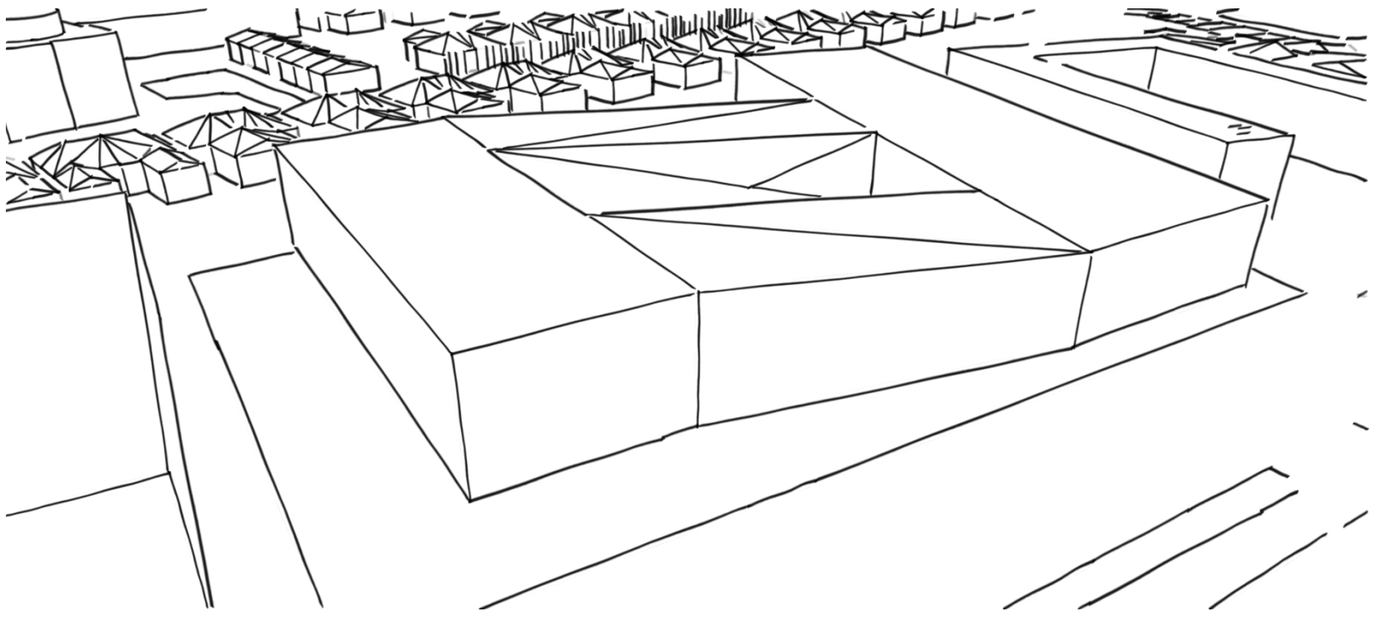


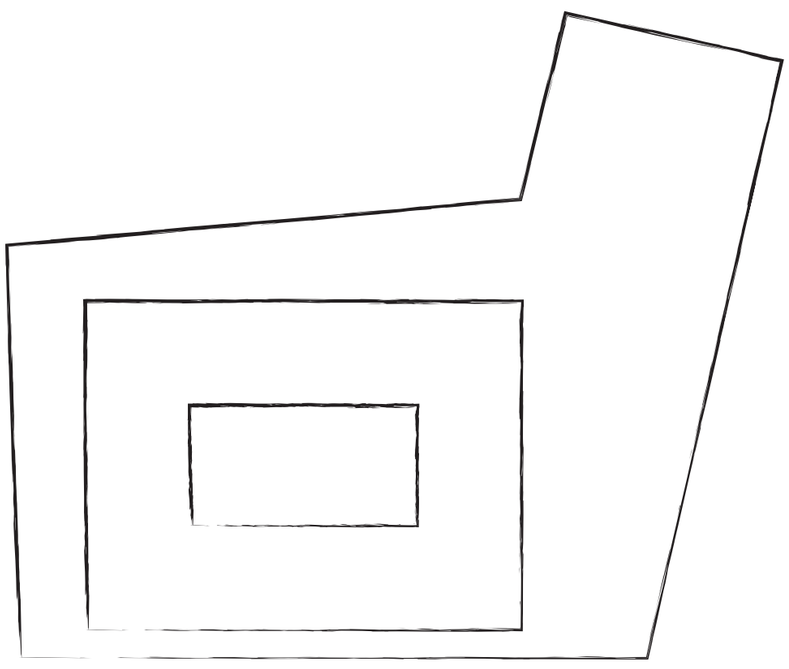


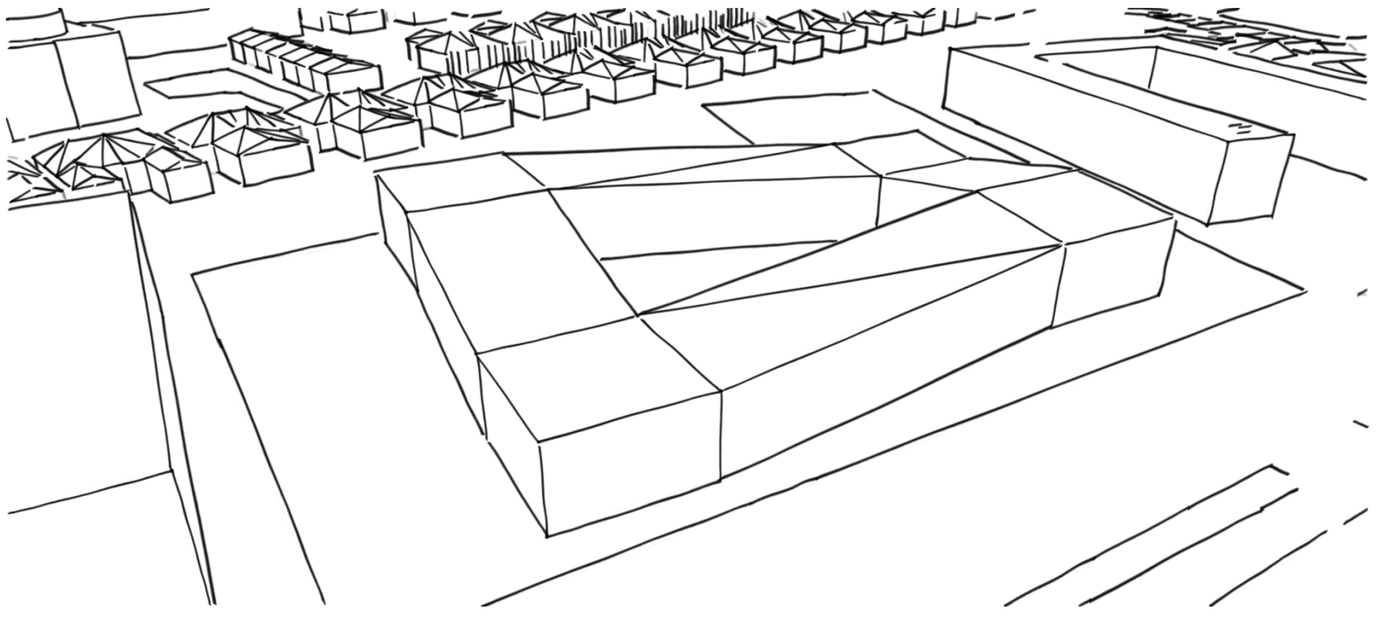


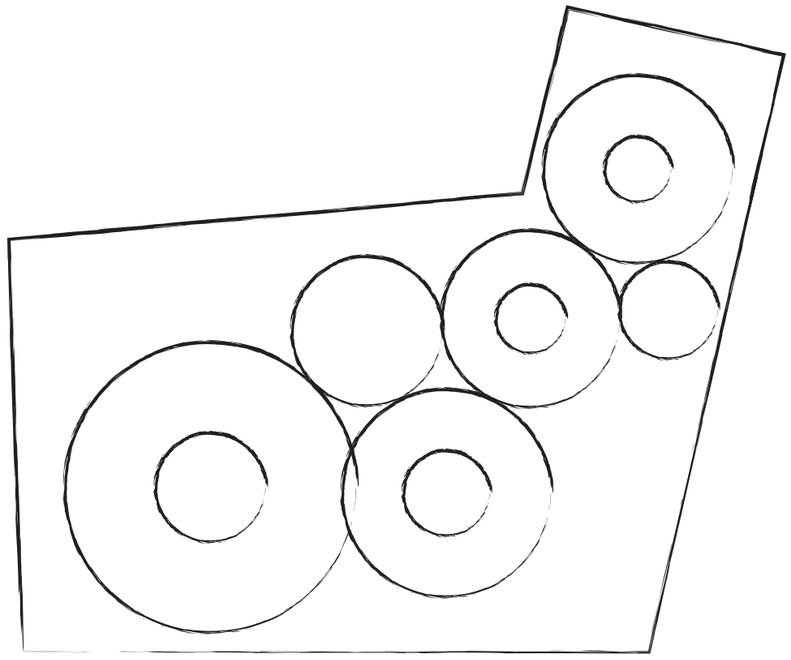


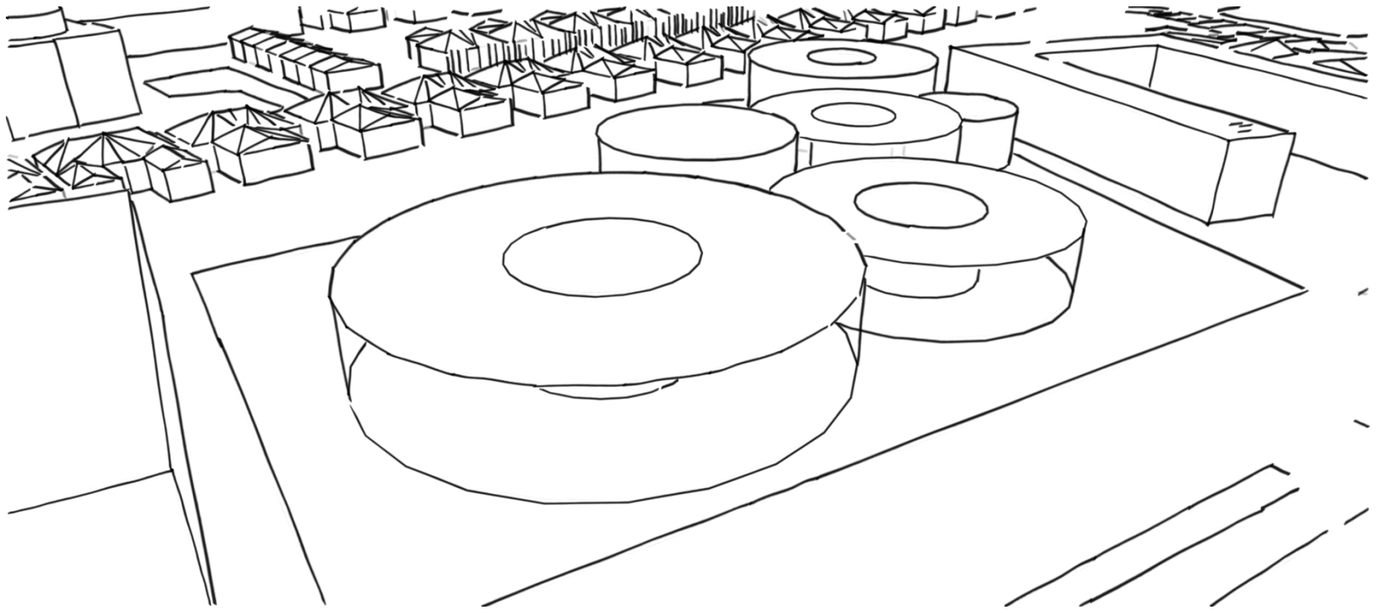


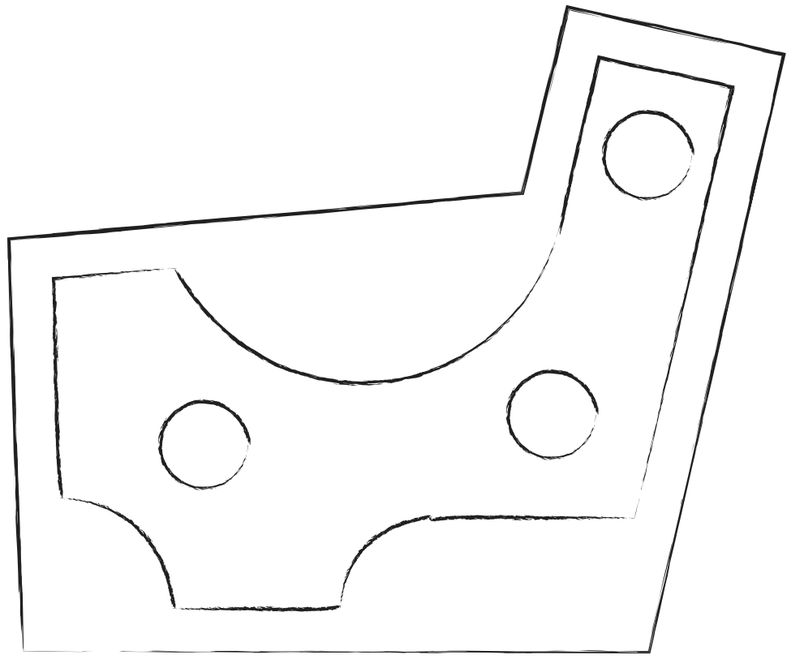


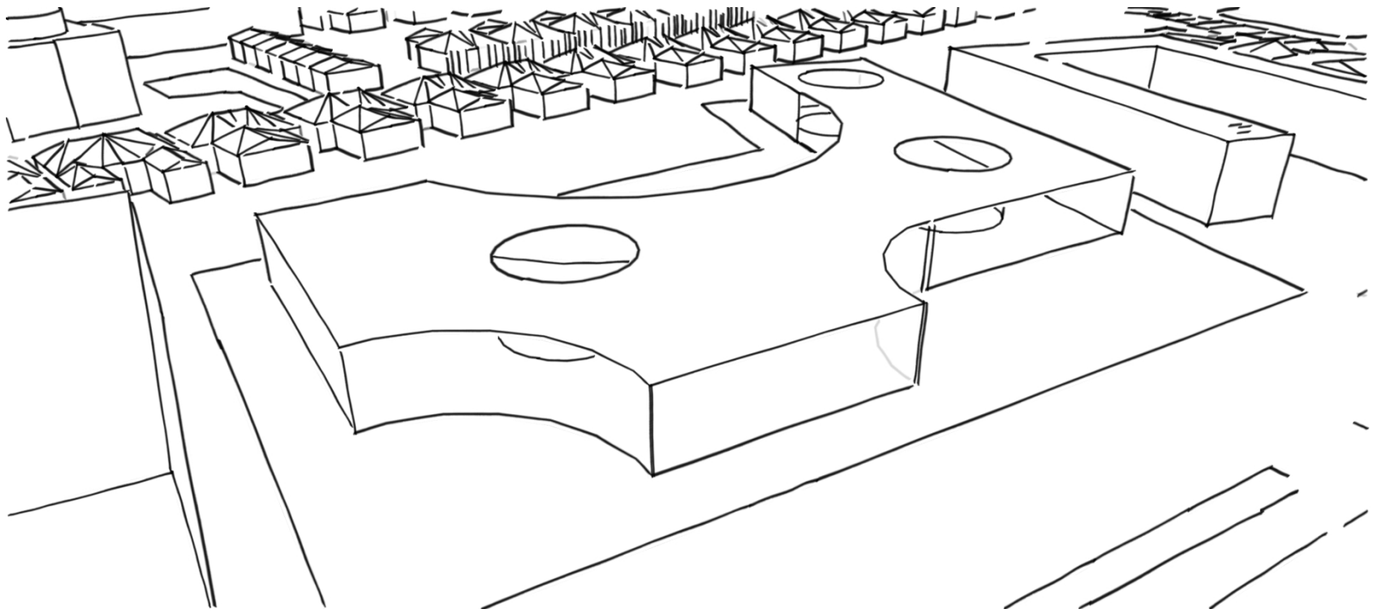


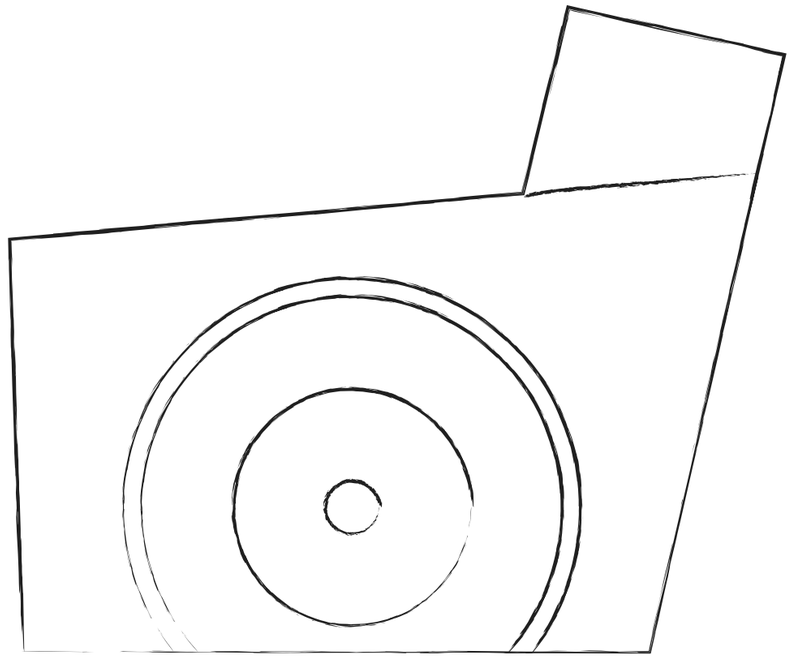


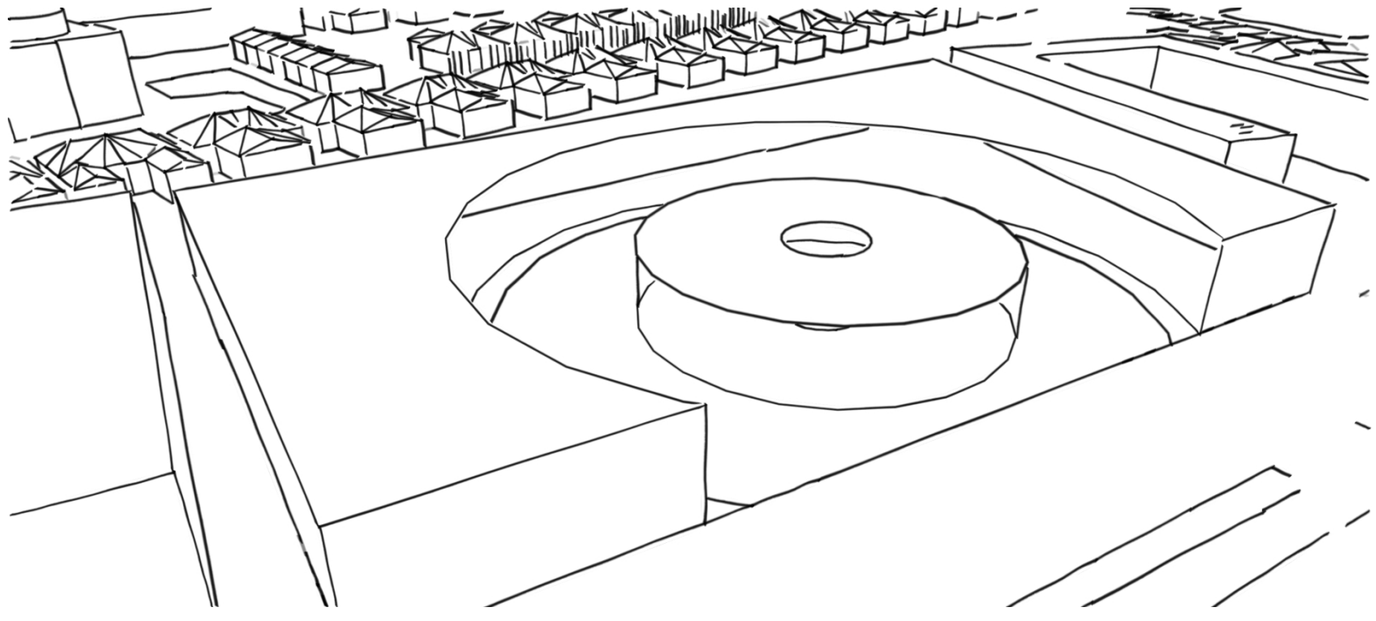


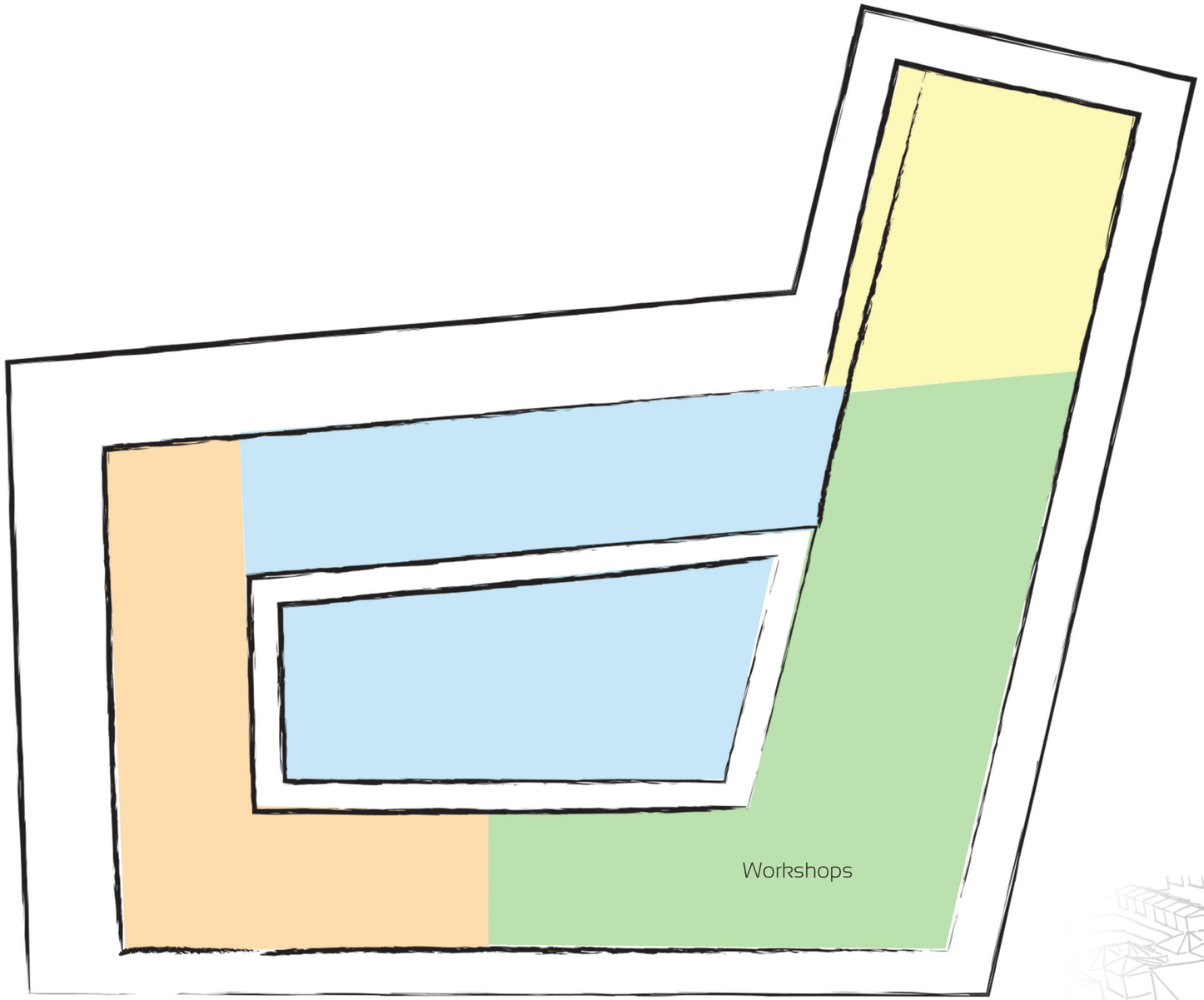


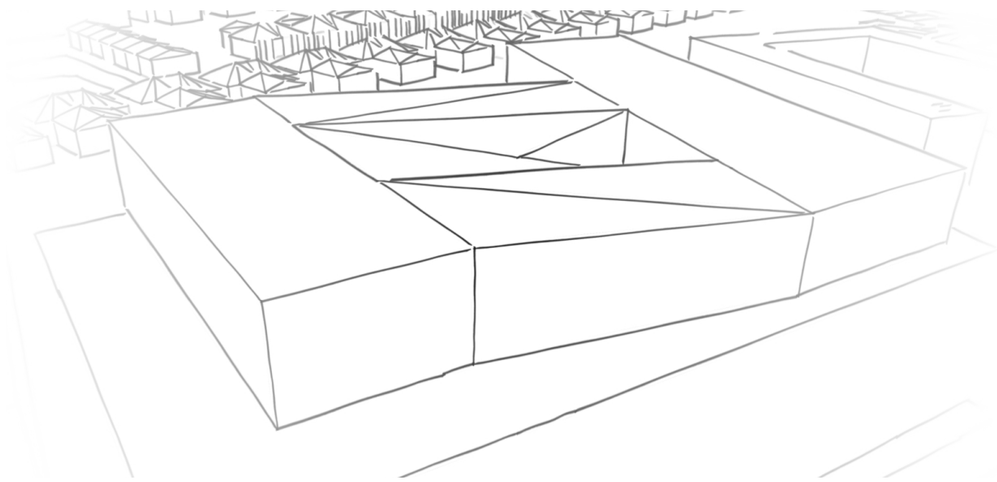


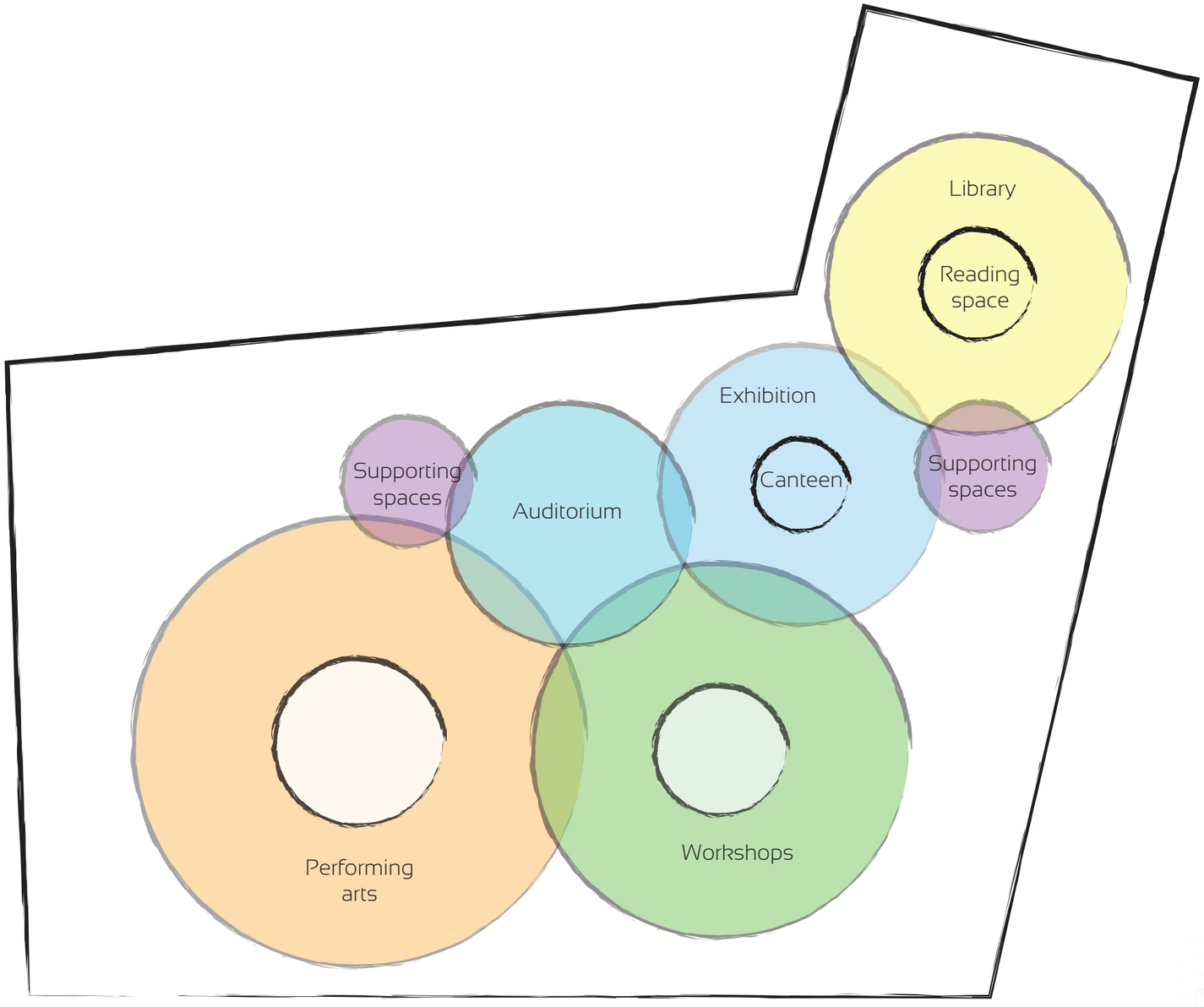


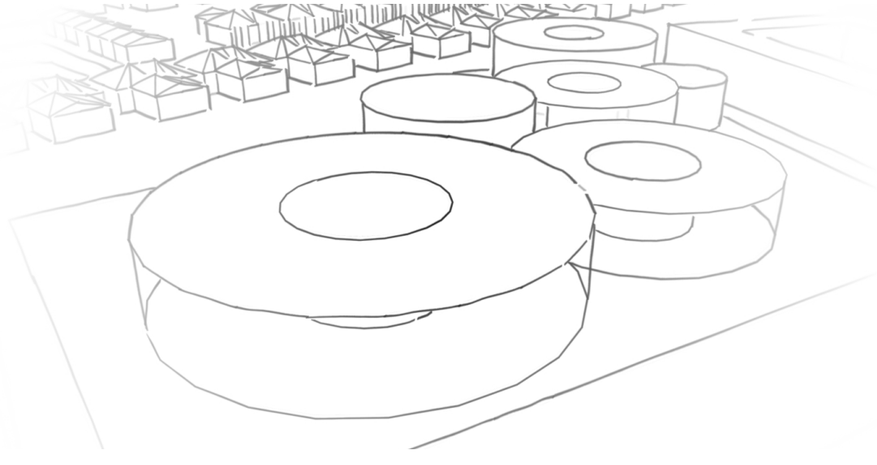





Workshops



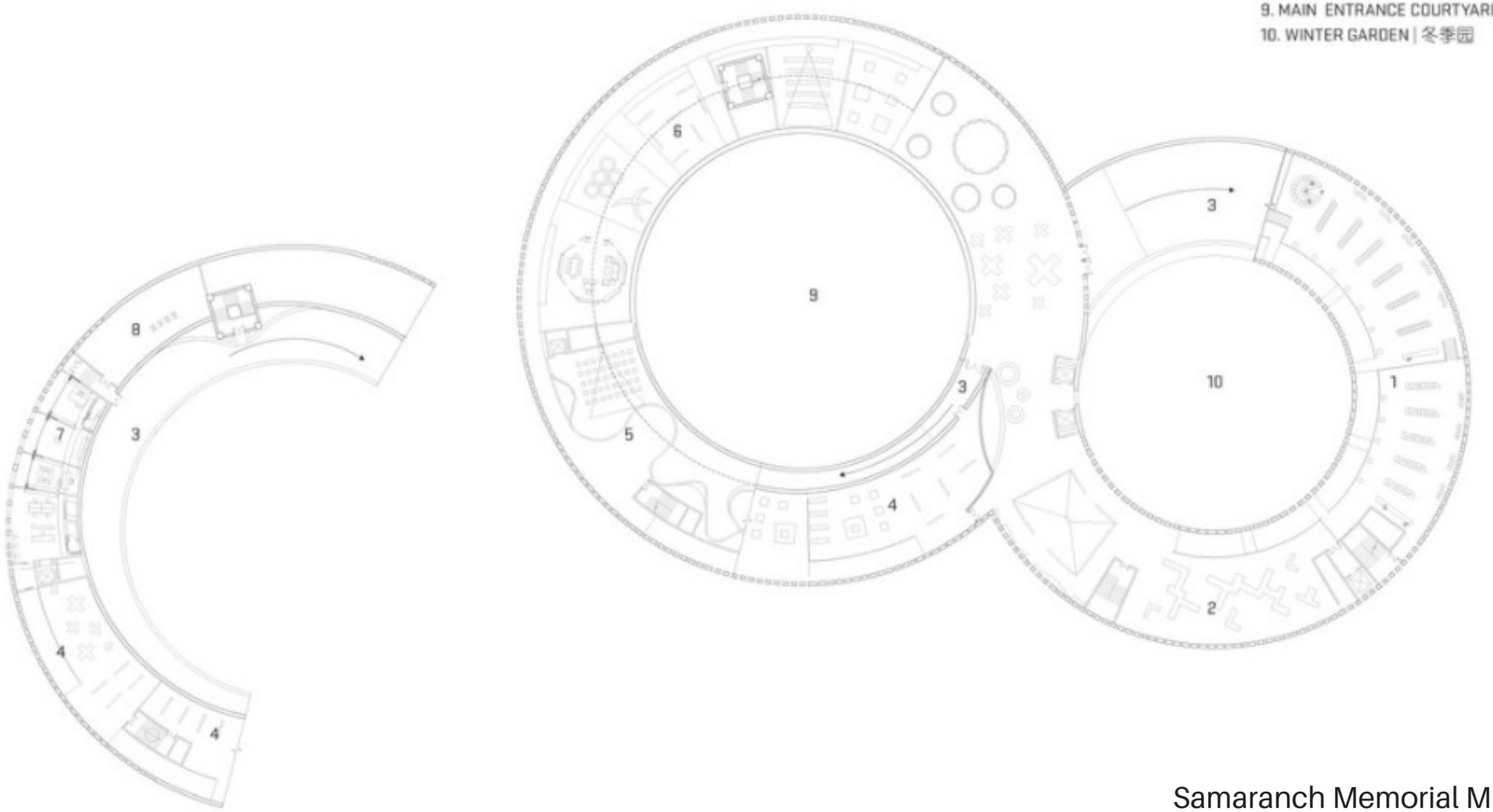

Library
Reading space
Exhibition
Canteen
Supporting spaces
Supporting spaces
Auditorium
Performing arts
Workshops



PRECEDENTS

LEGEND | 图例

1. GIFT SHOPS | 纪念品店
2.EXHIBITION 1 | 1#展厅
3.ROOF DECK | 屋顶平台
4. VIP EXHIBITION | VIP展厅
5.EXHIBITION 2 | 2#展厅
6.EXHIBITION 3 | 3#展厅
7. VIP OFFICE | VIP 办公室
8. TECH ROOM| 设备用房
9. MAIN ENTRANCE COURTYARD | 主入口庭院
10. WINTER GARDEN | 冬季园

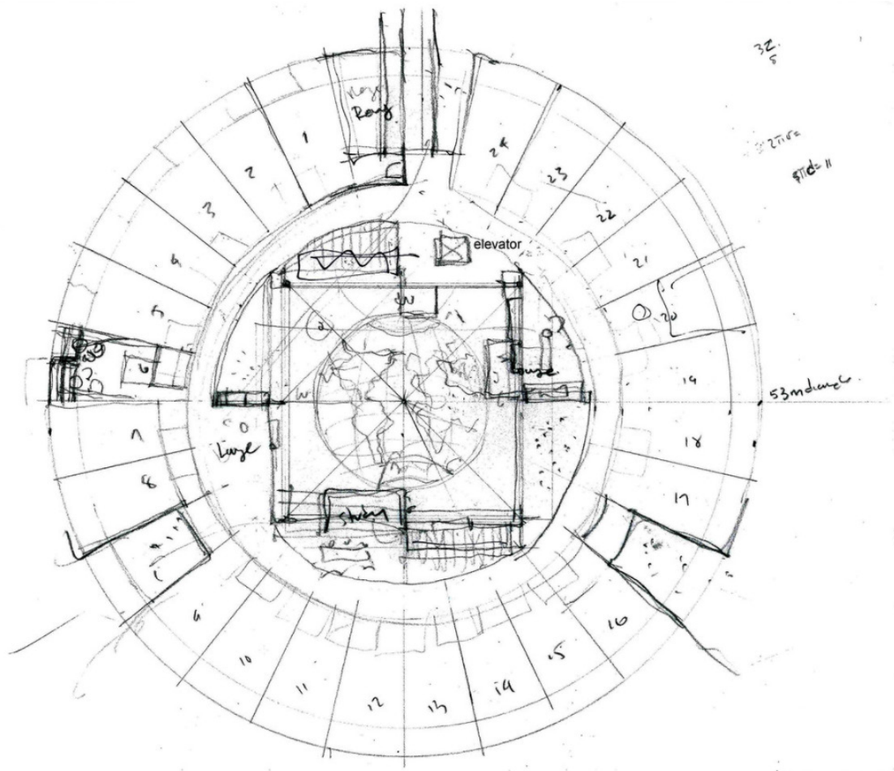


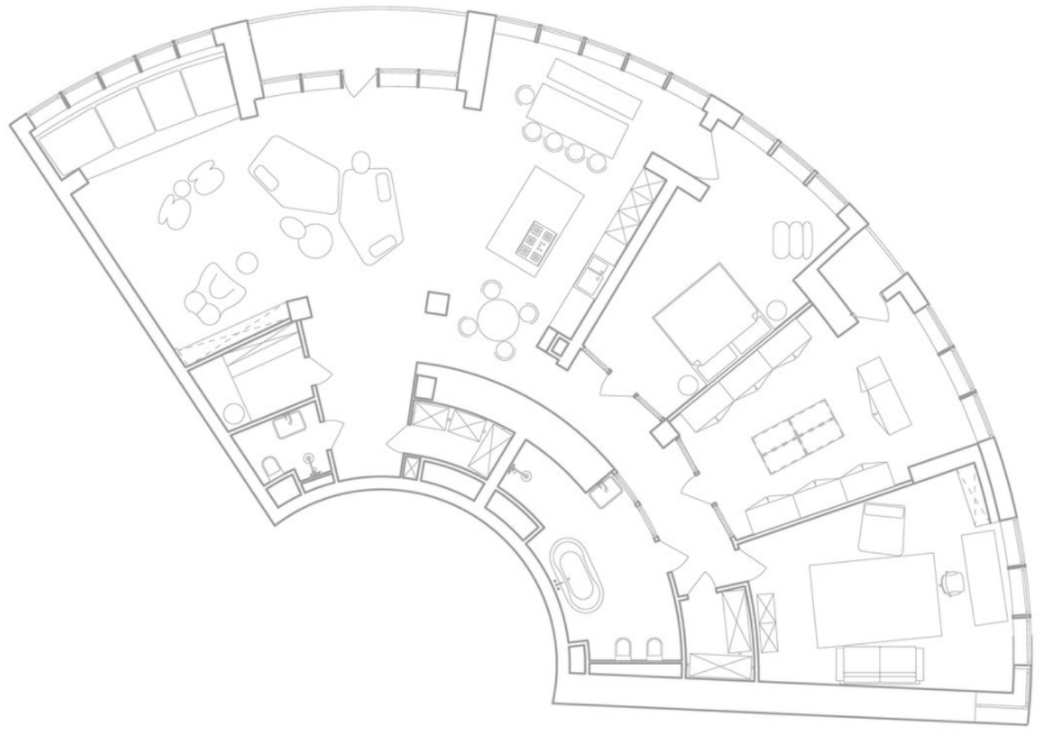
Samaranch Memorial Museum, Archland
Tianjin, China

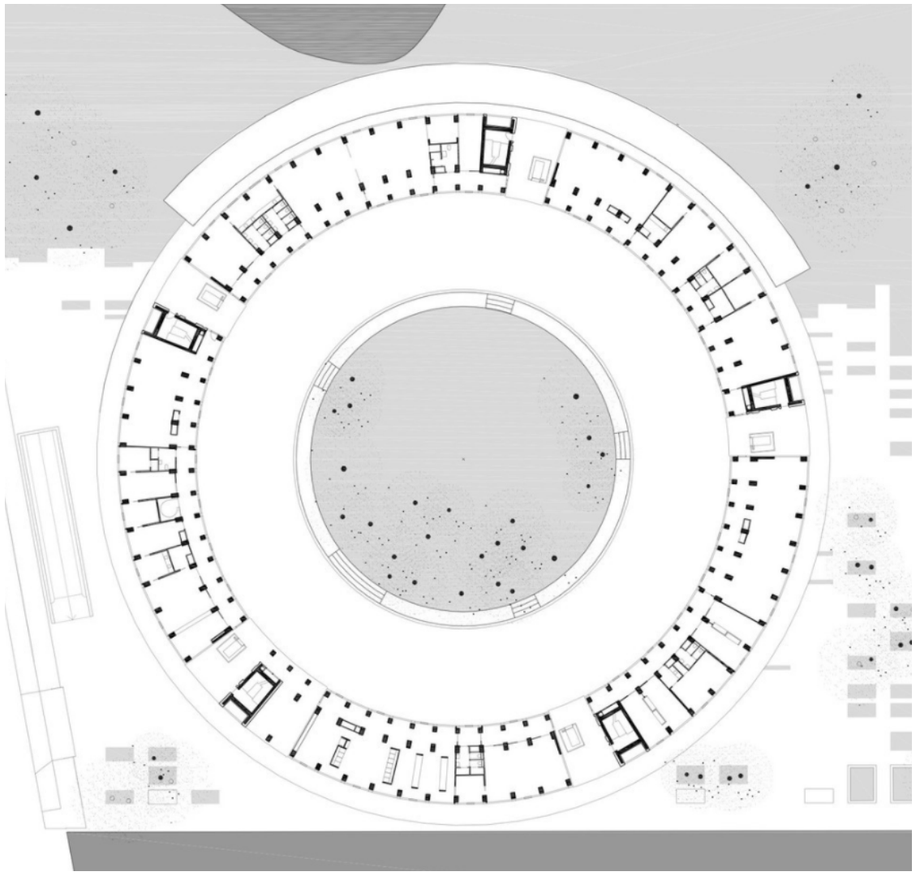


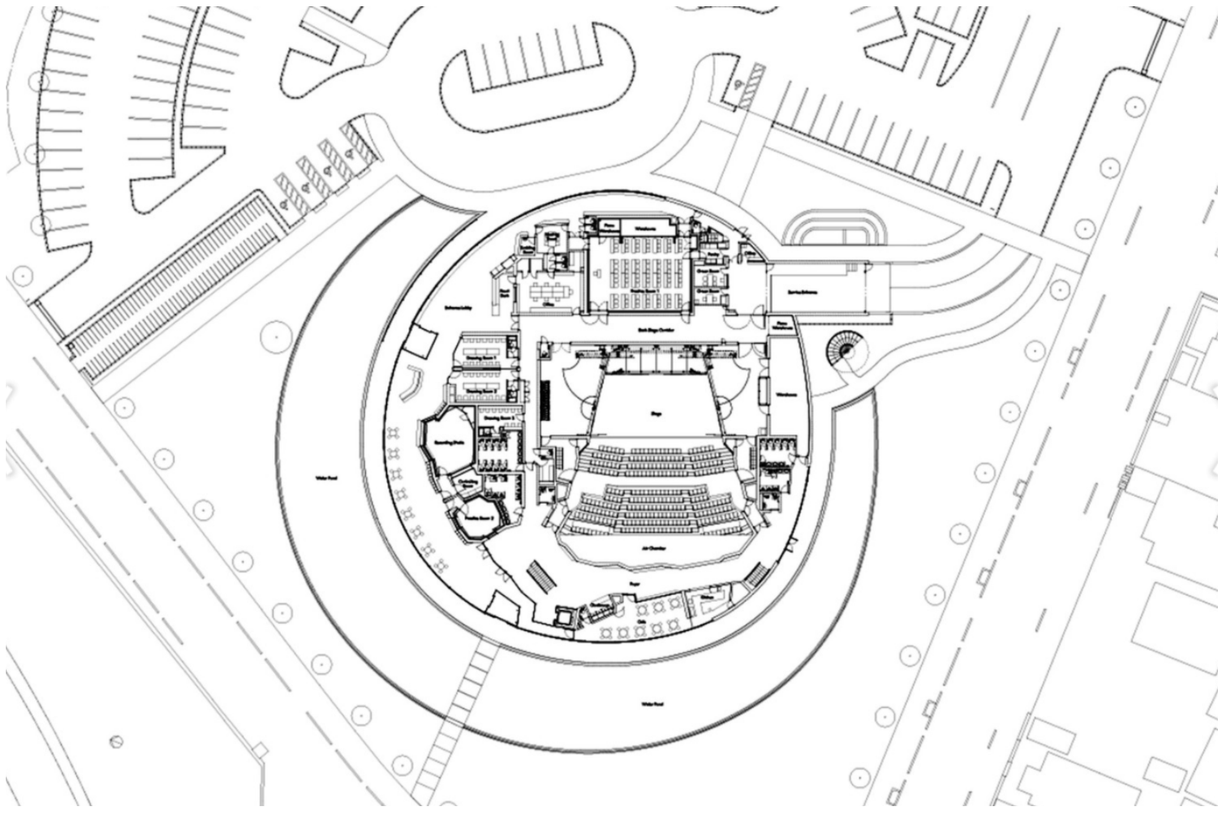

萨马兰奇纪念馆 • Samaranch Memorial



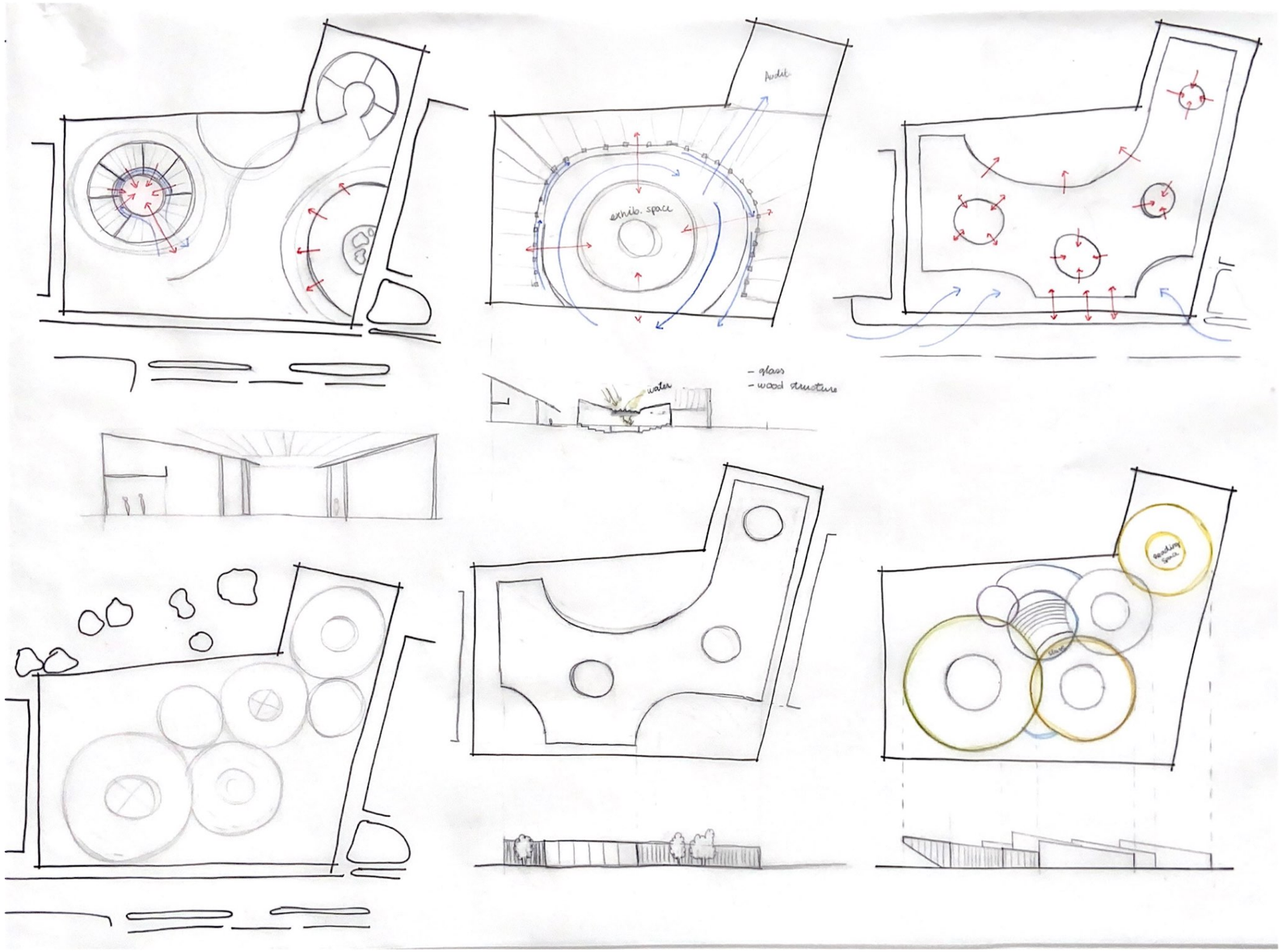

elevator
Lounge
Lounge
53rd floor

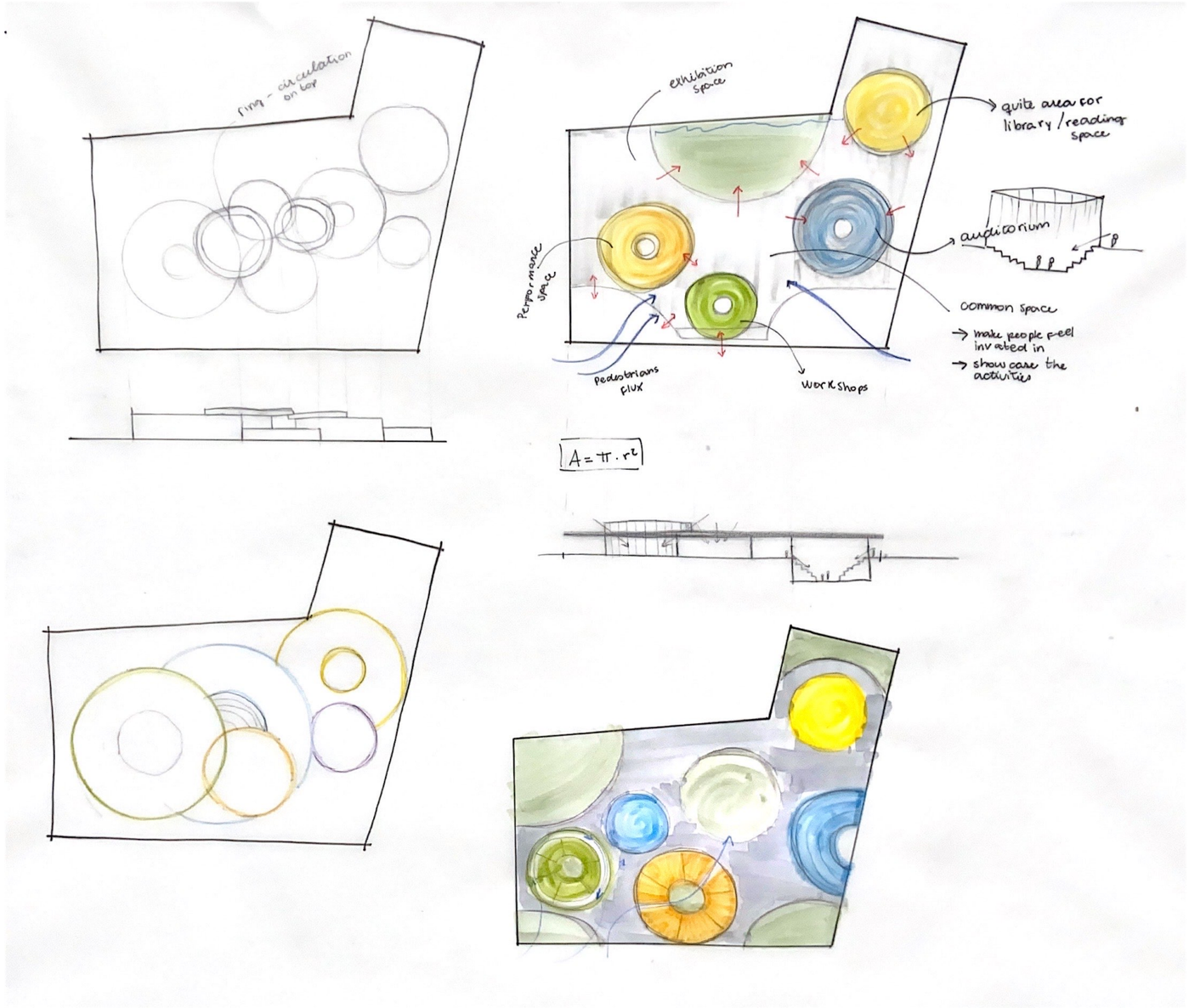


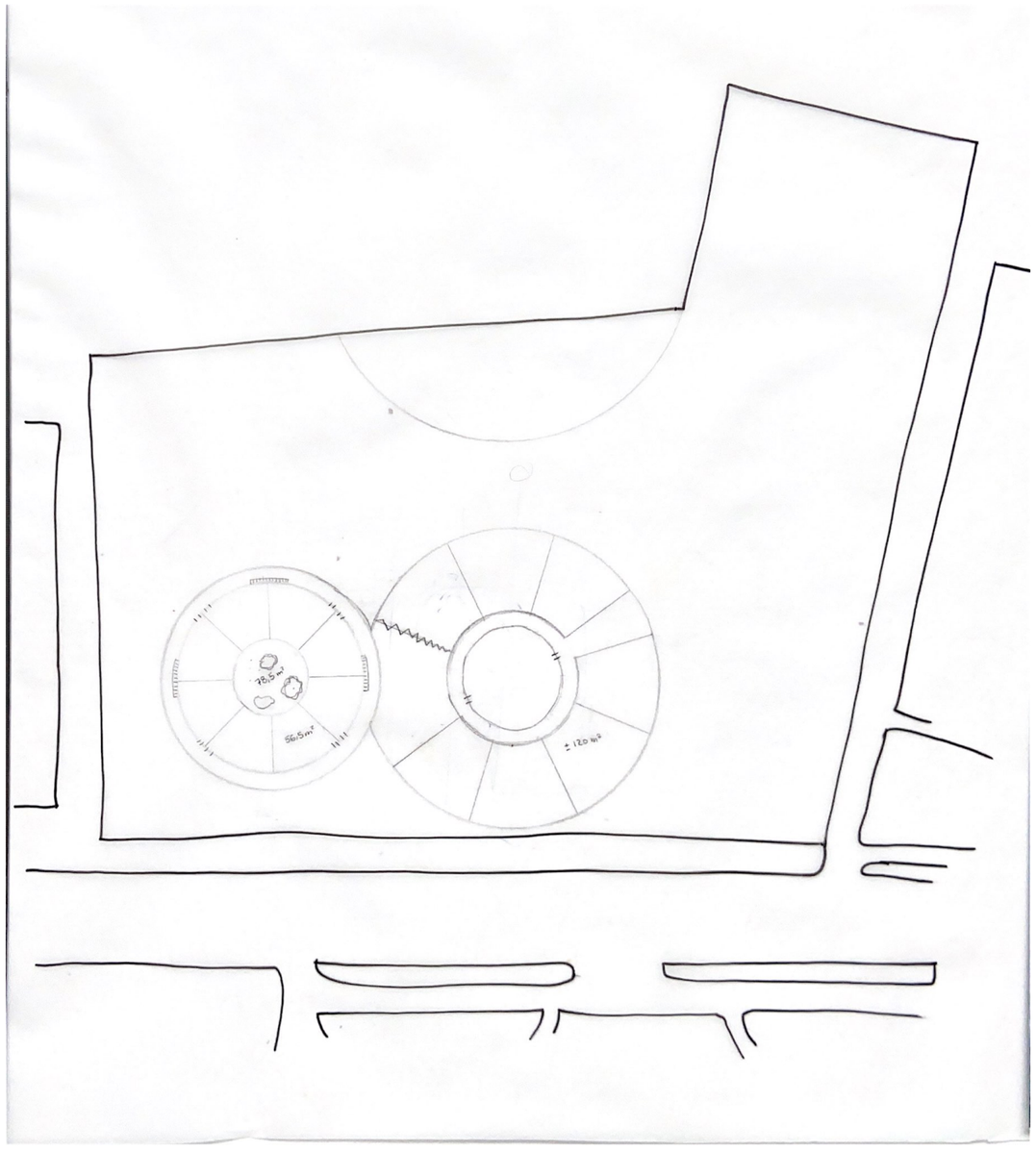




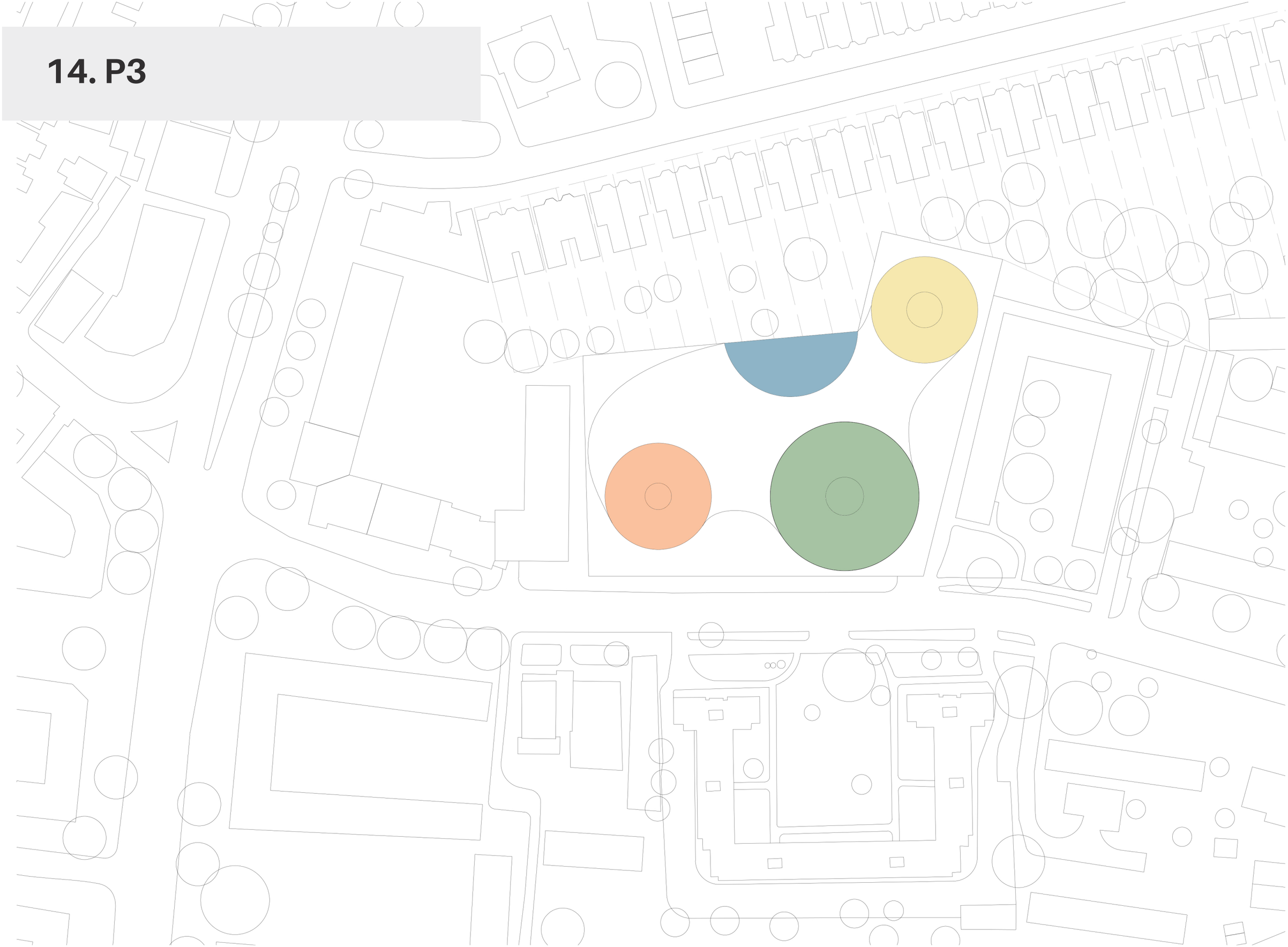
13. DESIGN DEVELOPMENT - AFTER P2,5 FEEDBACK

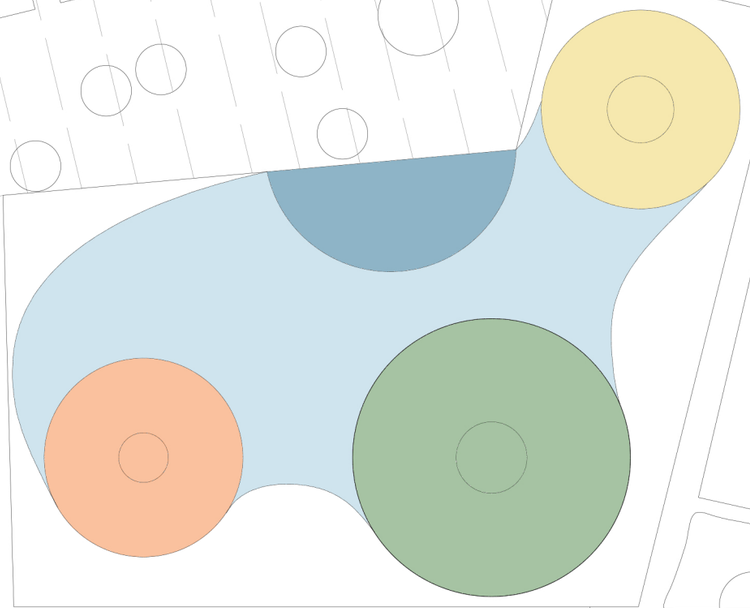


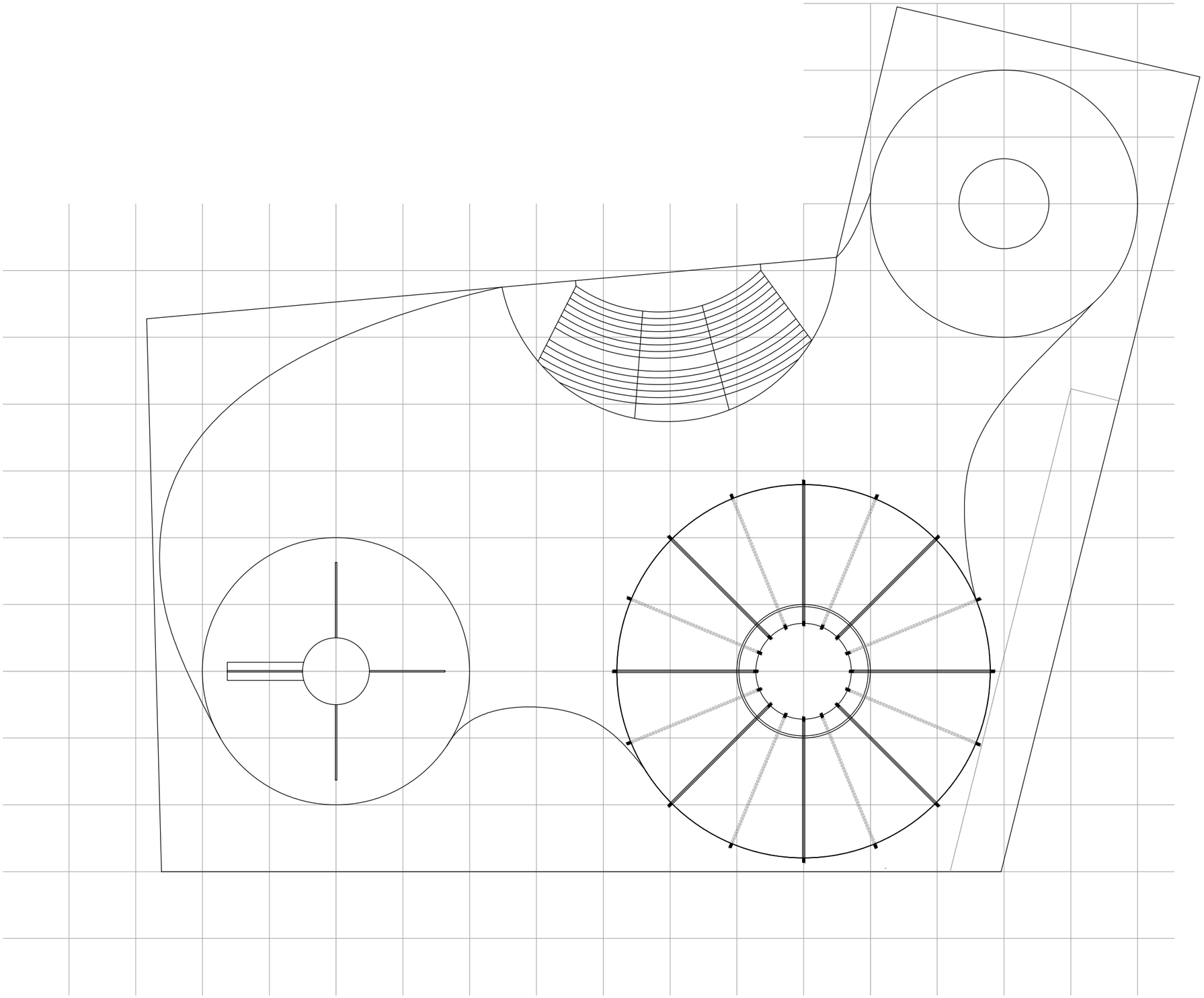

ring - circulation on top
exhibition space
quite area for library / reading space
amphitheatrium
performance space
common space
→ make people feel involved in
→ showcase the activities
pedestrians flux
workshops
A = π · r²

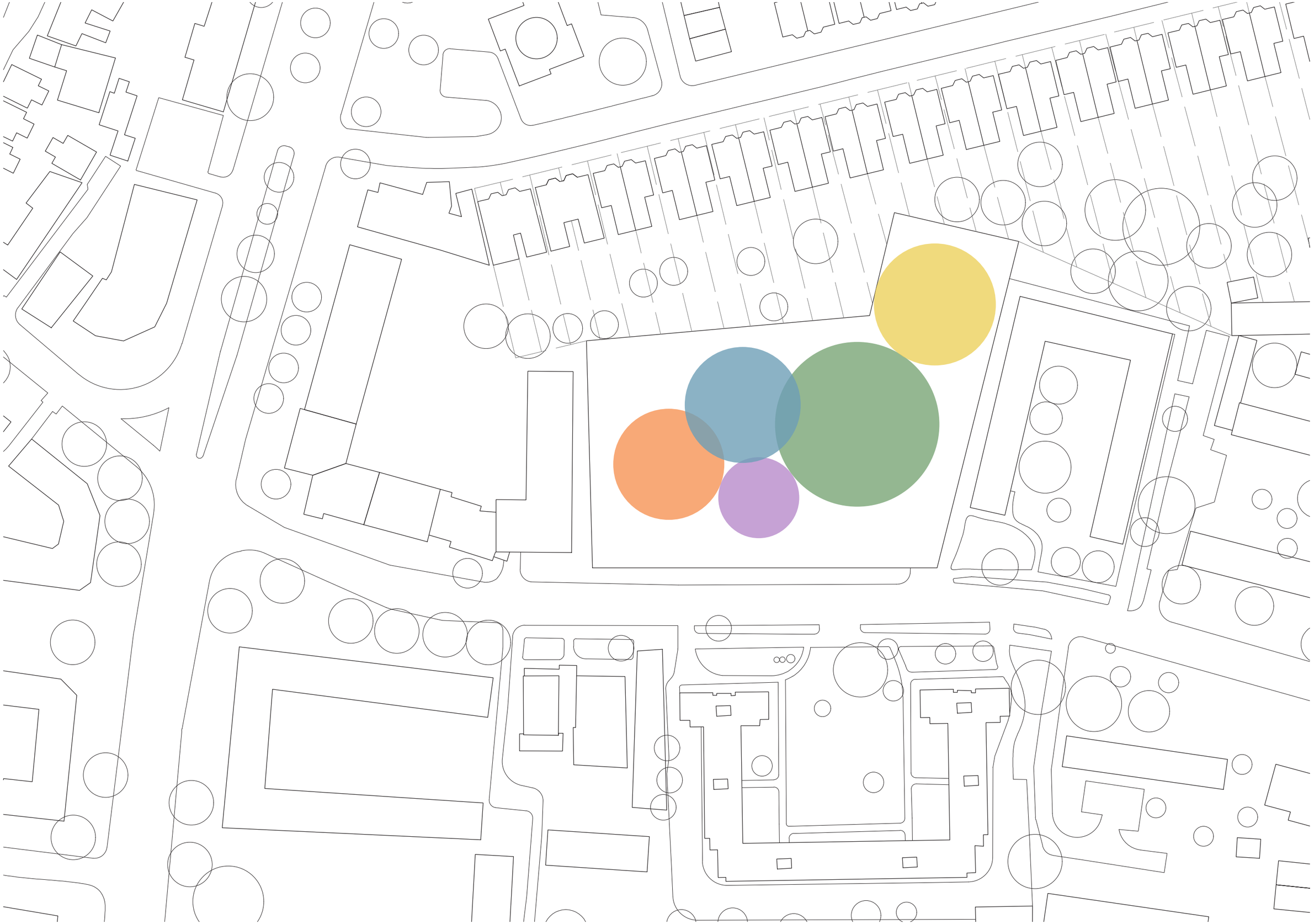

78,5 m²
56,5 m²
± 120 m²

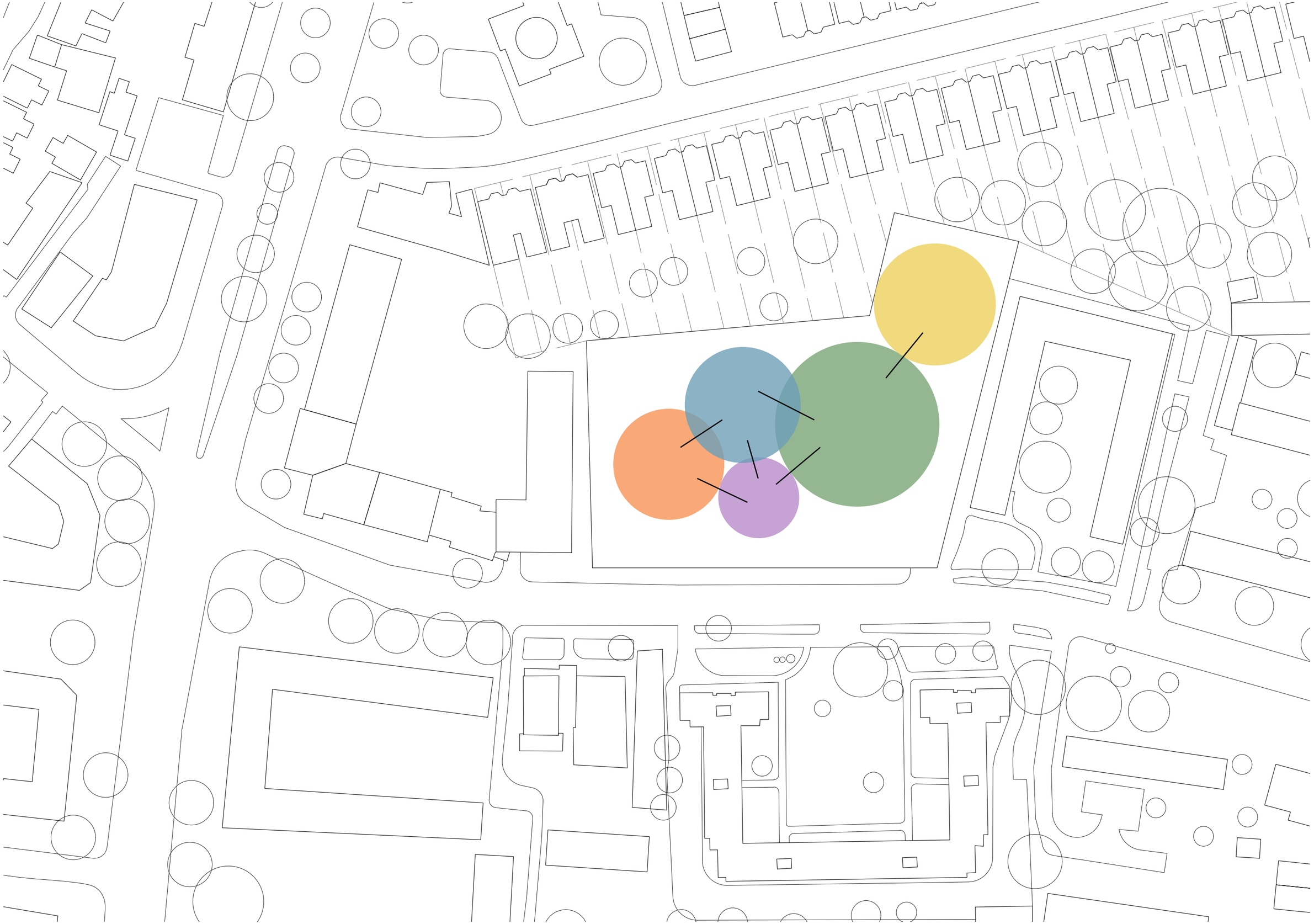
14. P3

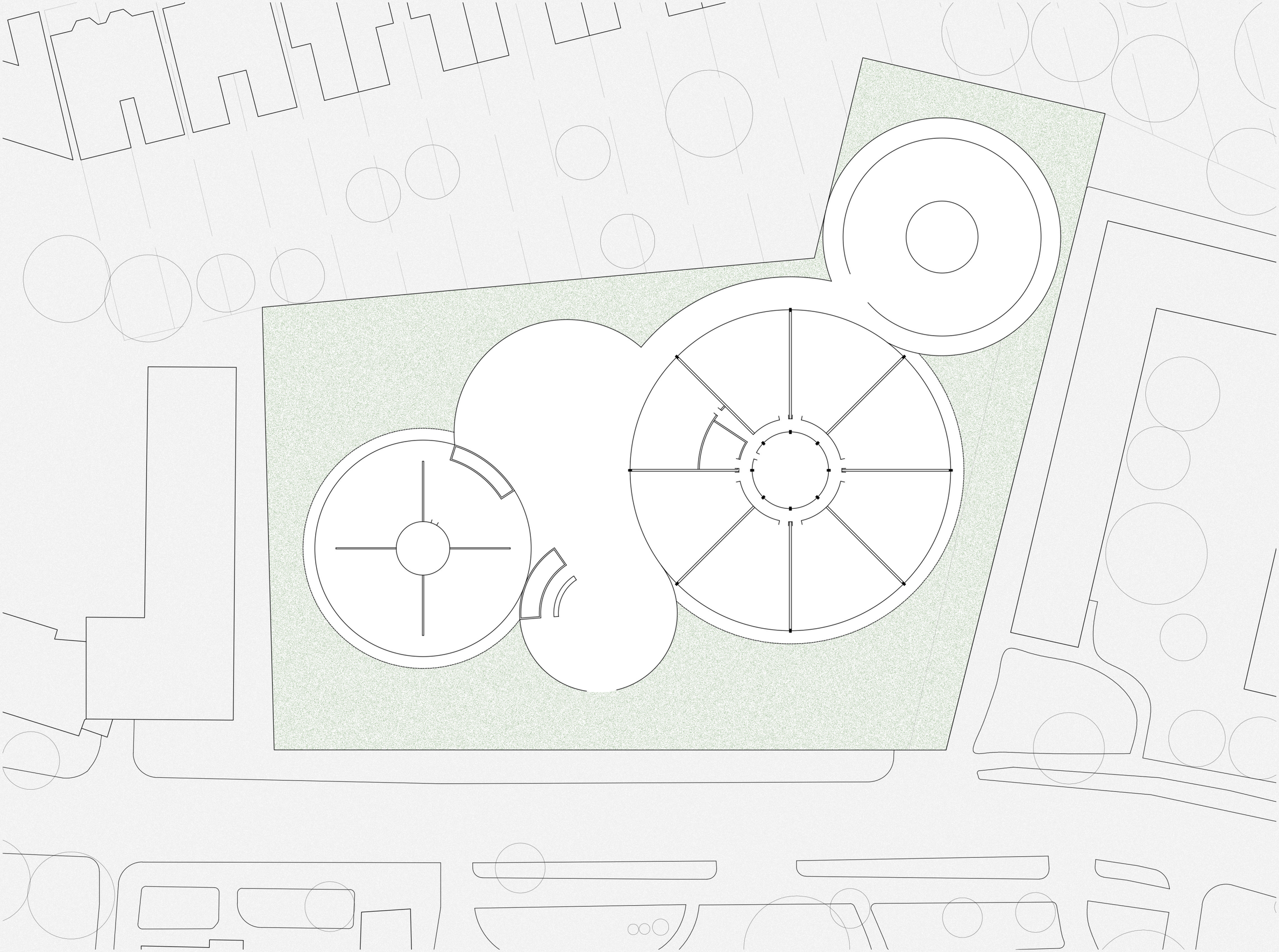


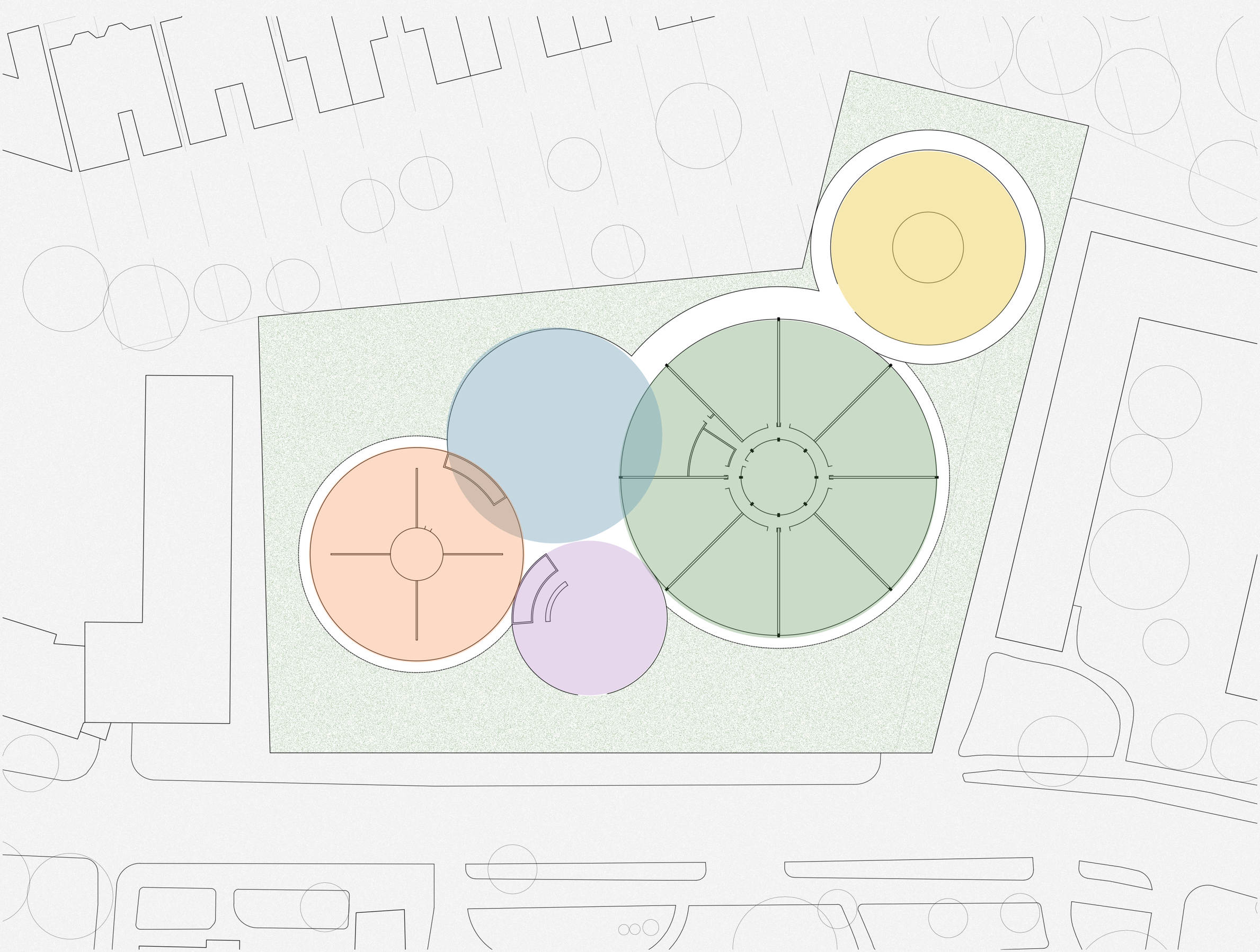


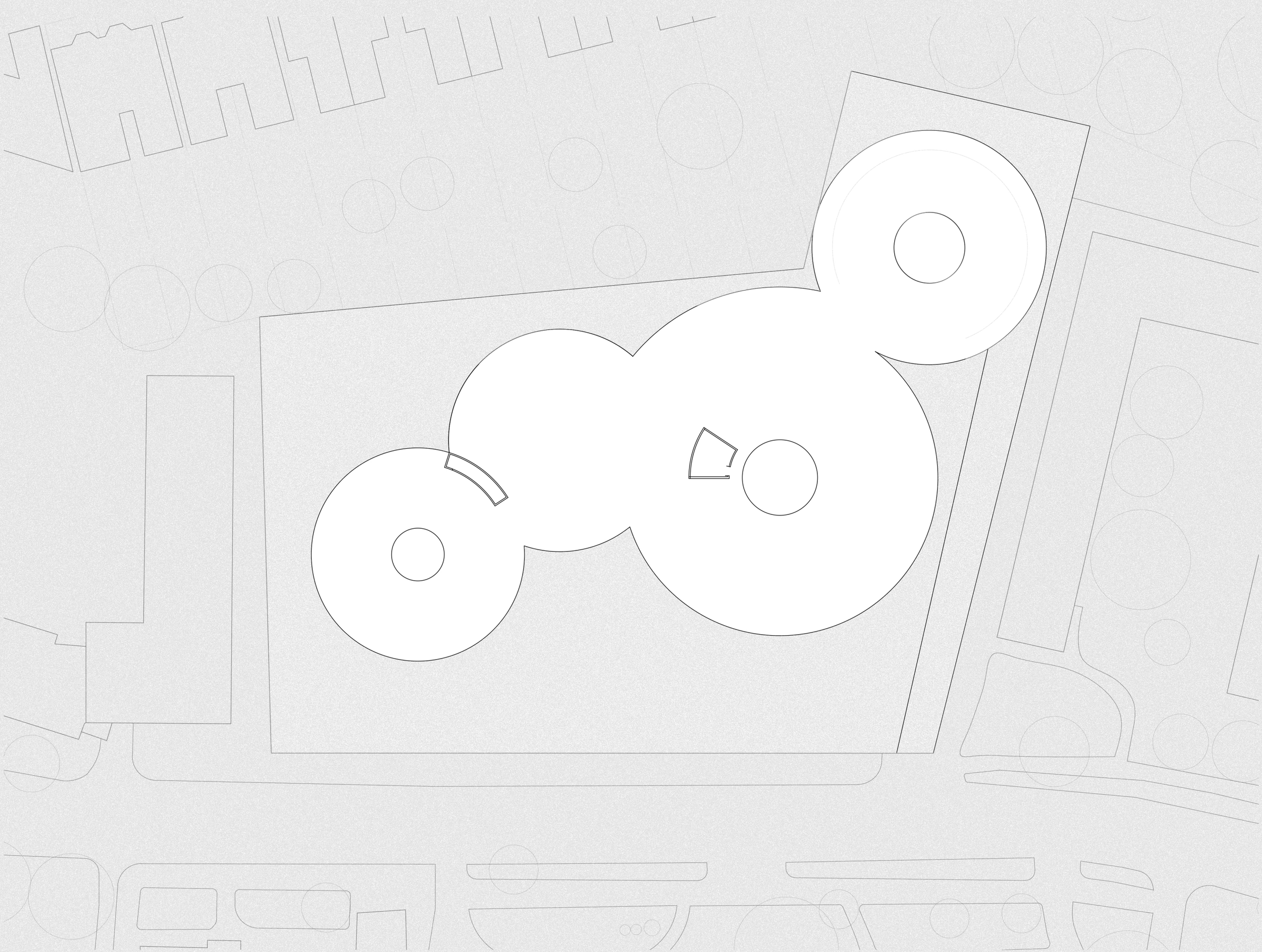


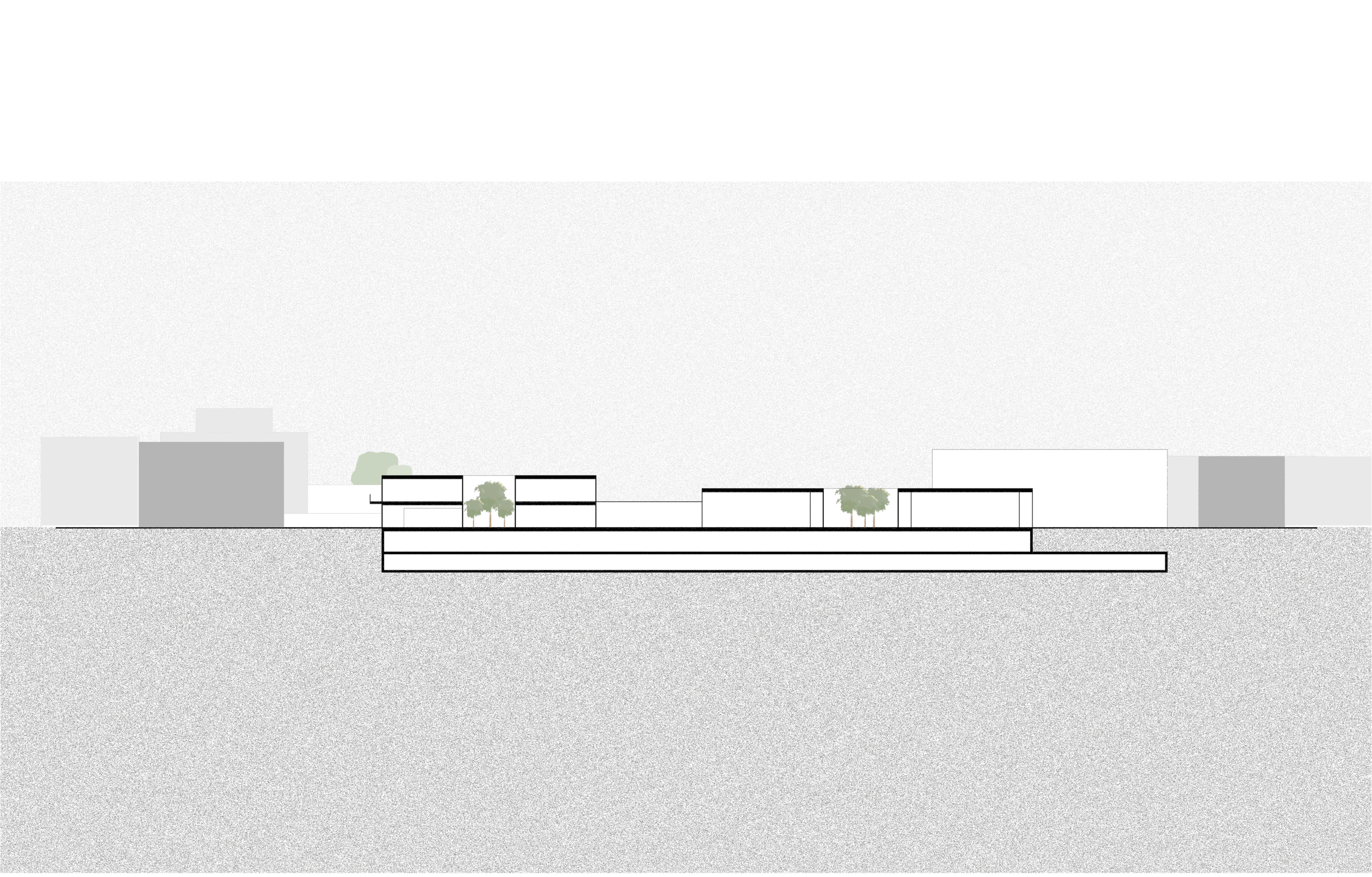


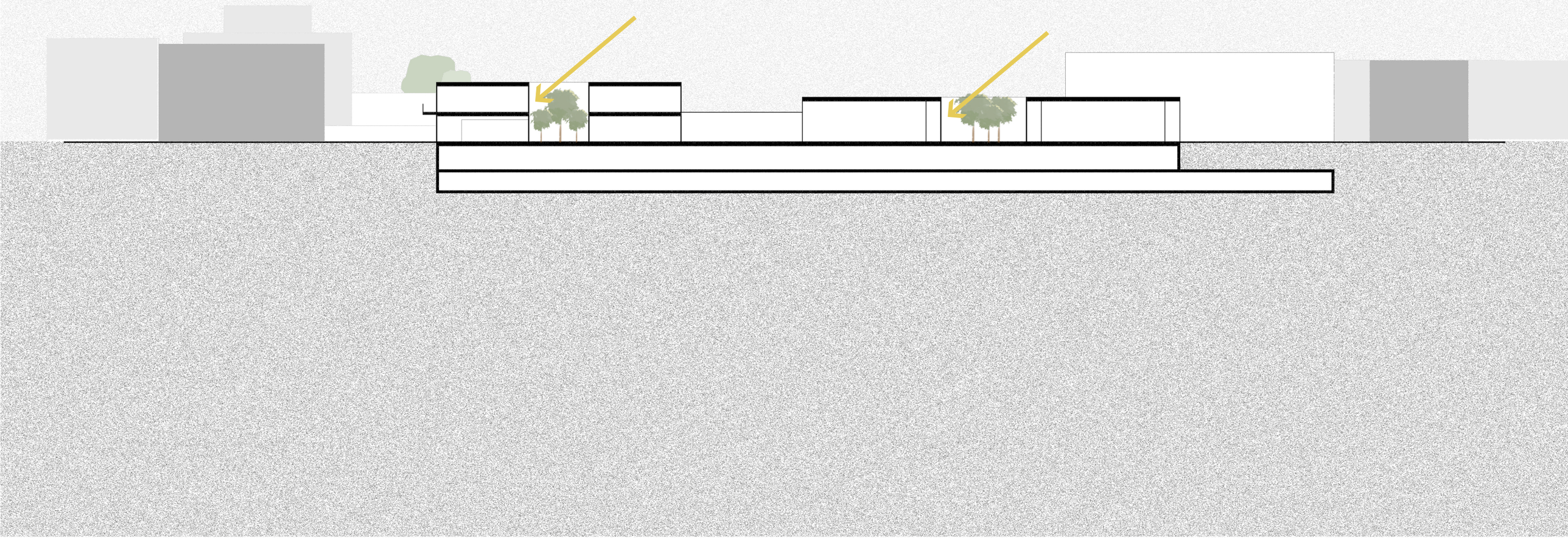












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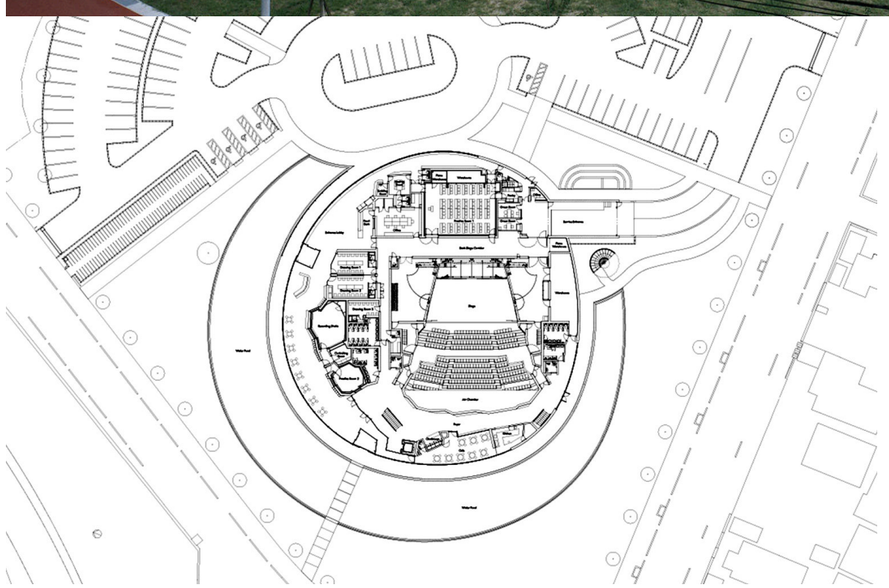
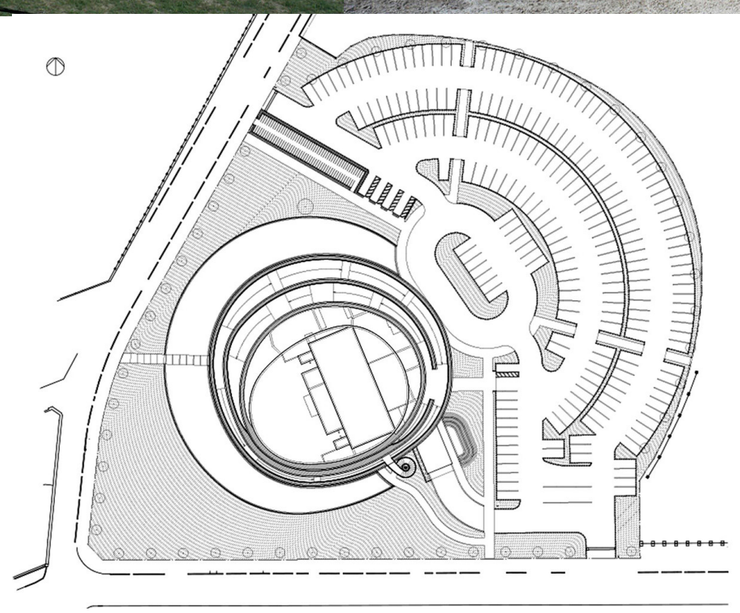
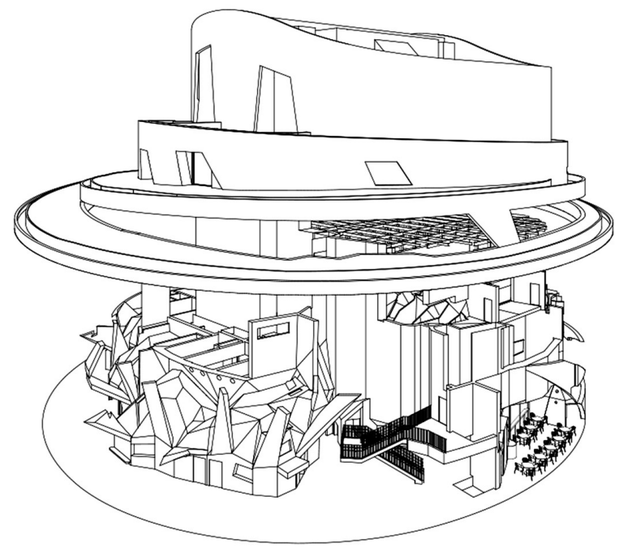






CULTURAL CENTER - AKIHA WARD, JAPAN





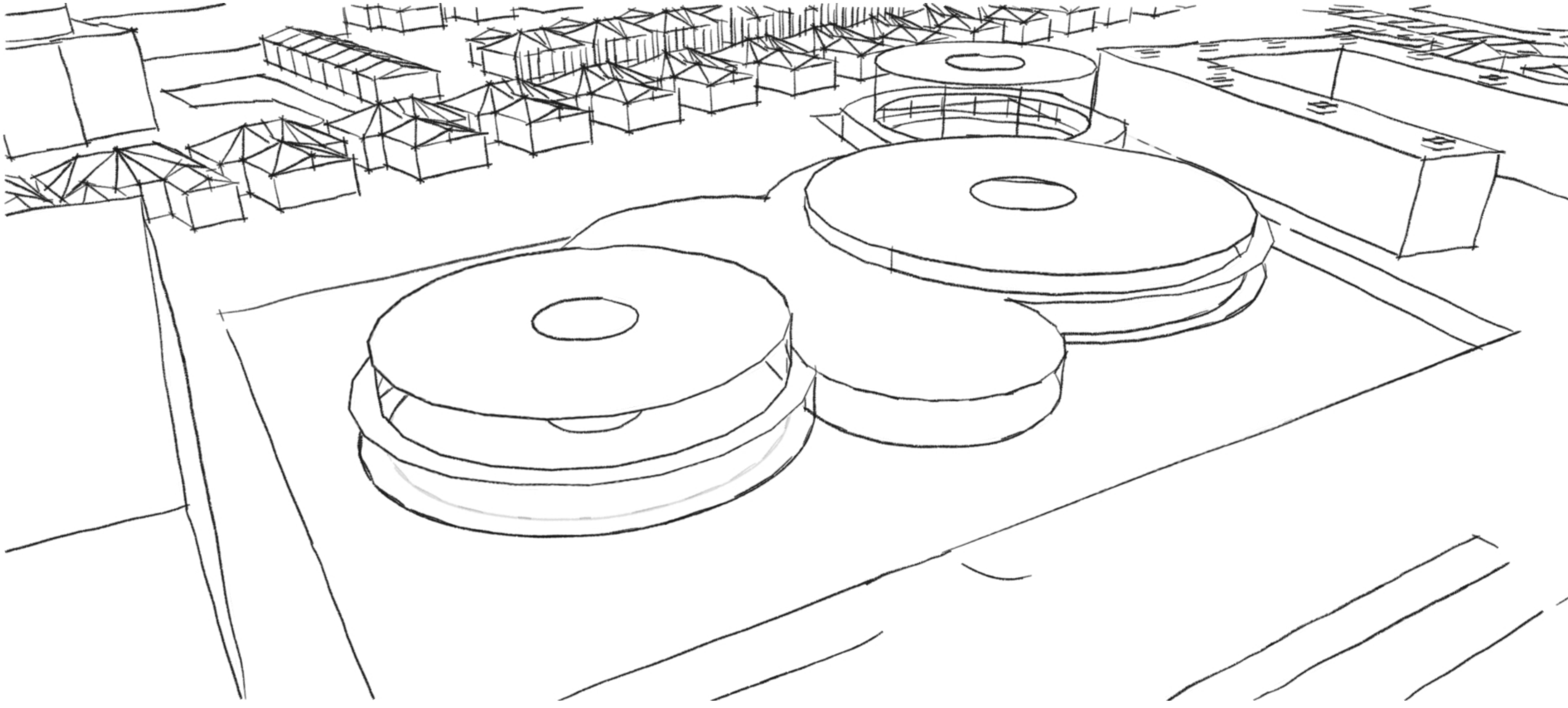


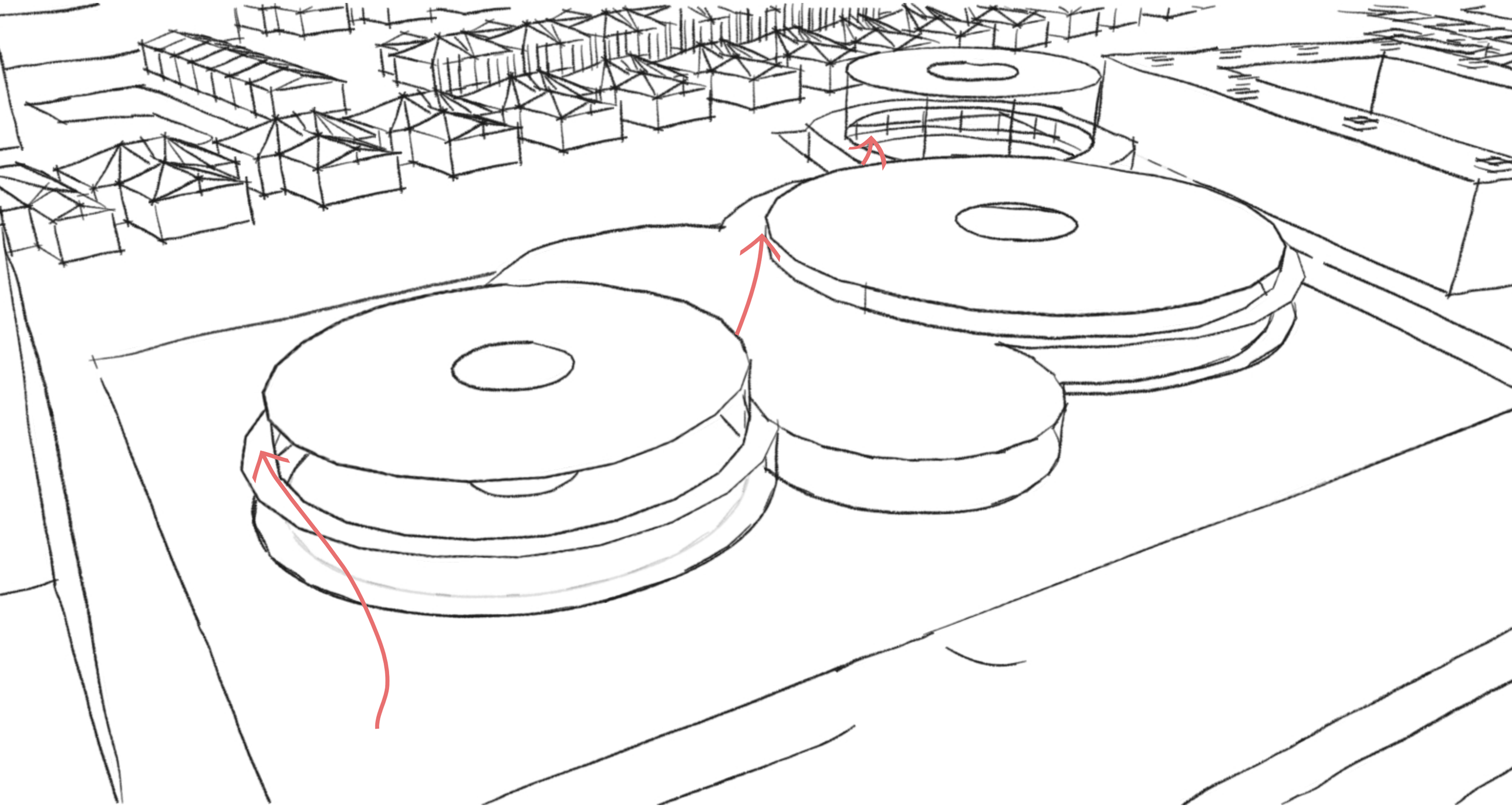


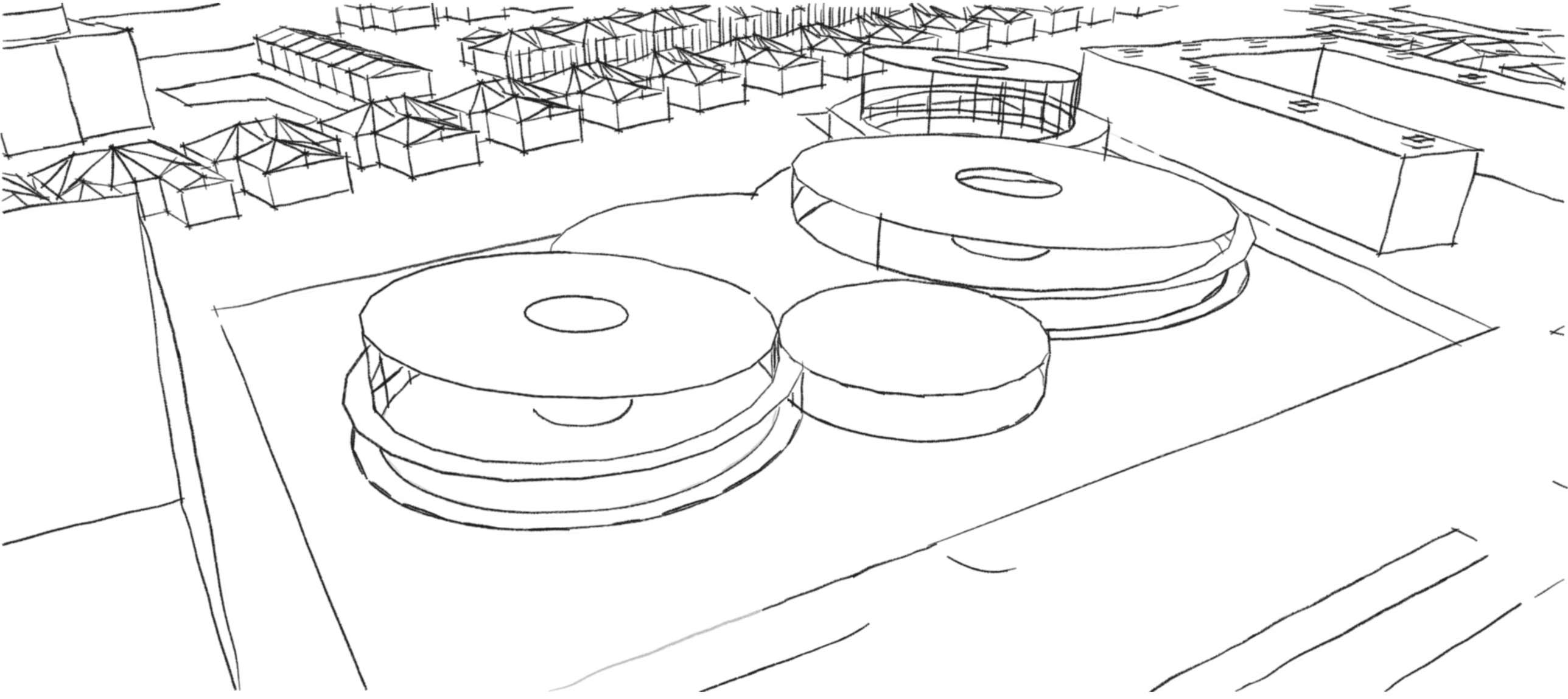
HCA Museum - Denmark, Kengo Kuma











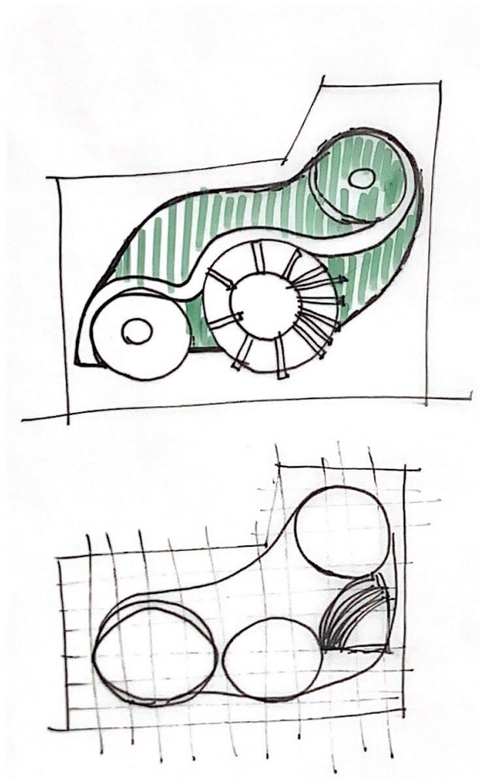


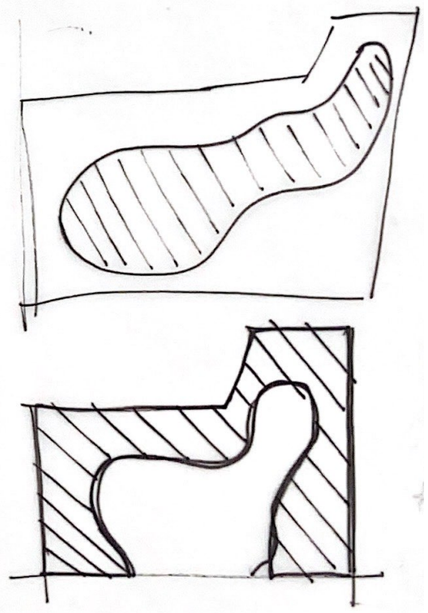


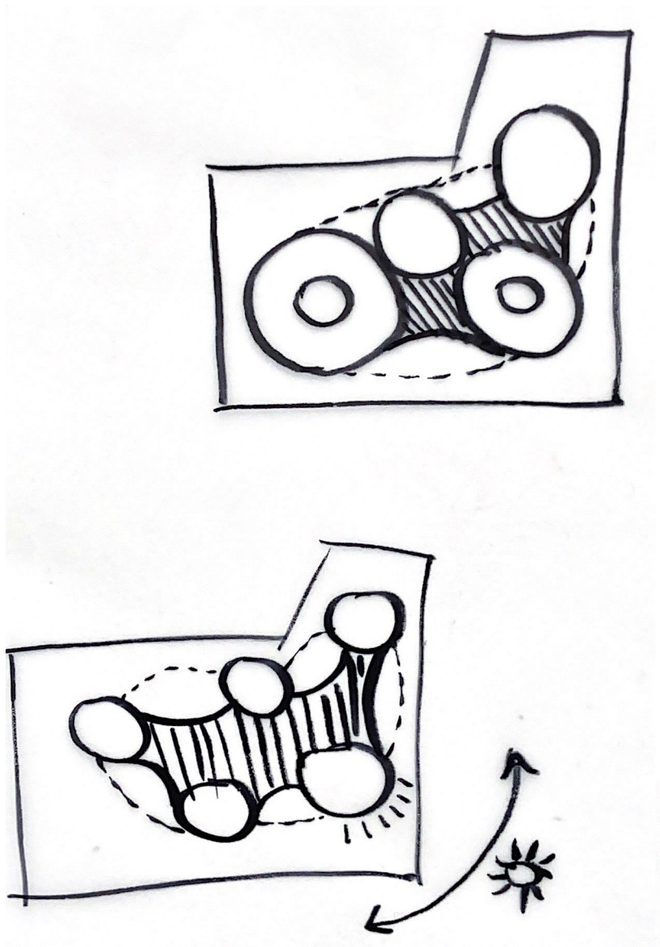


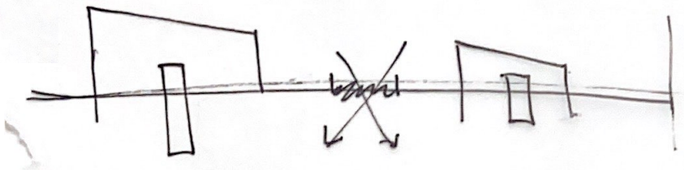


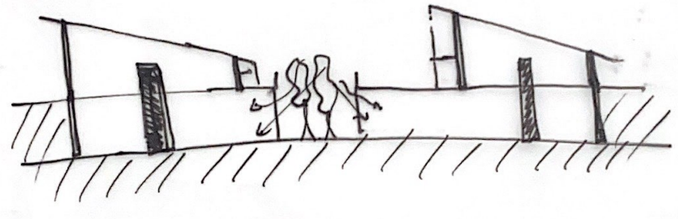
15. DESIGN DEVELOPMENT – AFTER P3 FEEDBACK



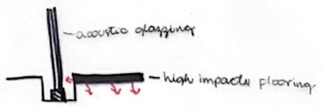


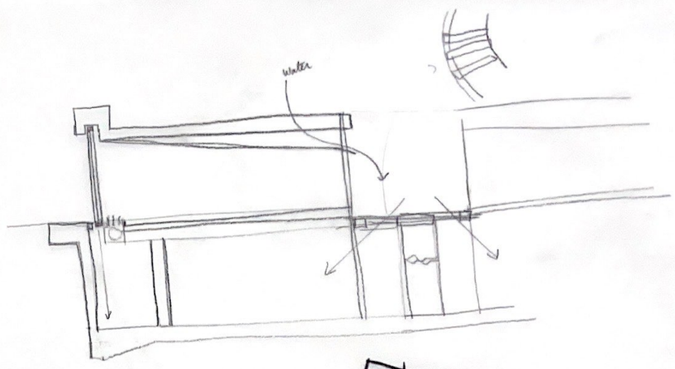


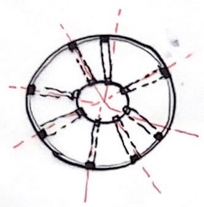


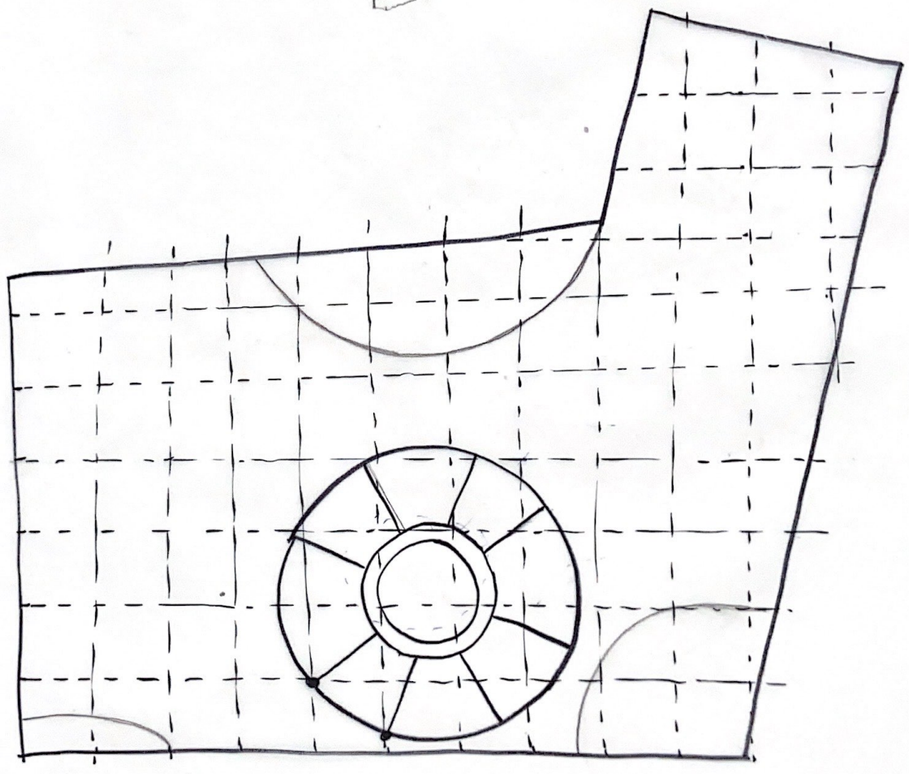


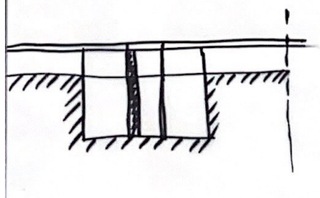
– Round buildings → ↓ wall
↓ floor materials (↓15, 20%)
↓ roof

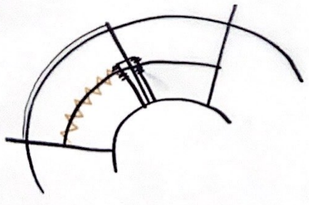


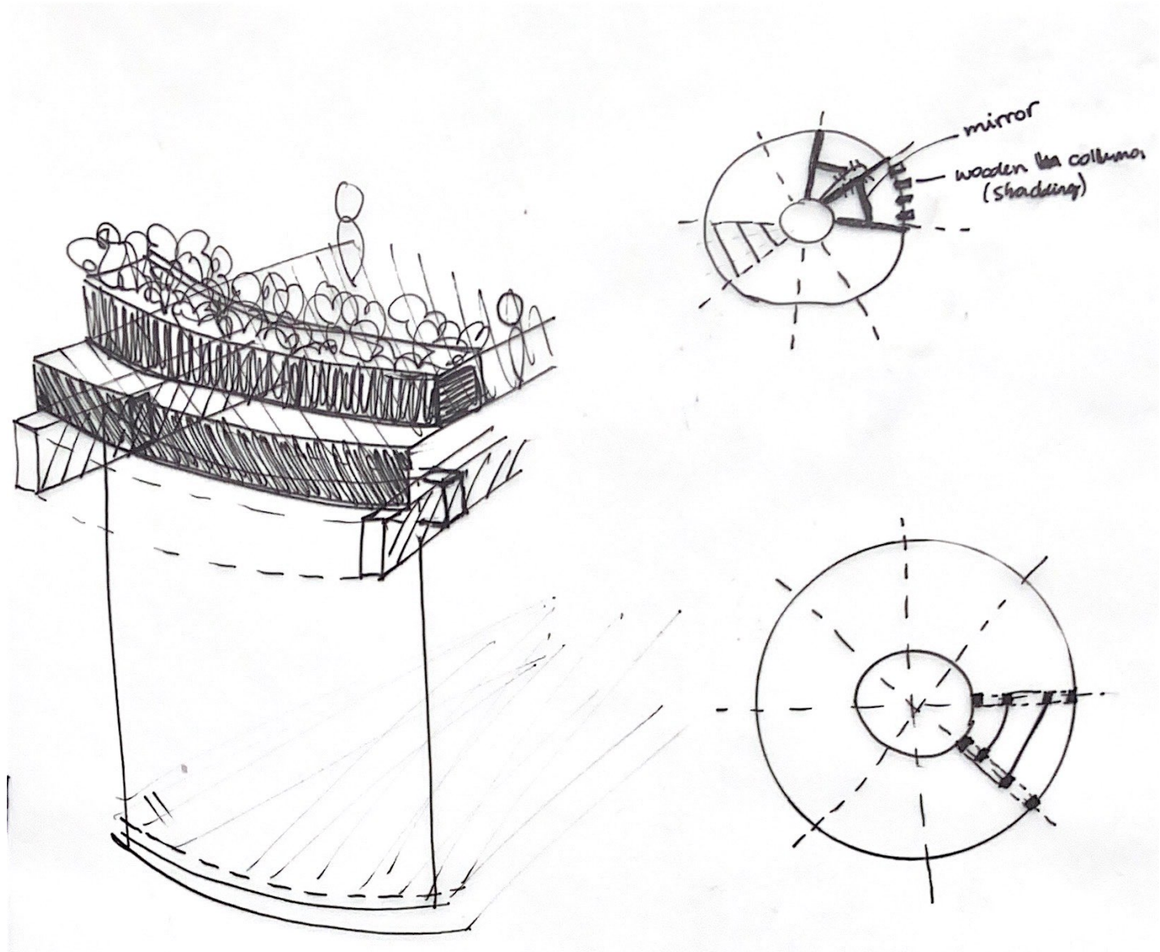




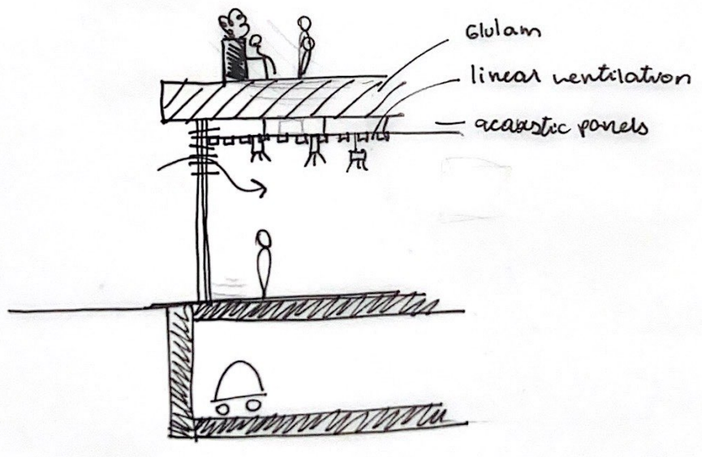


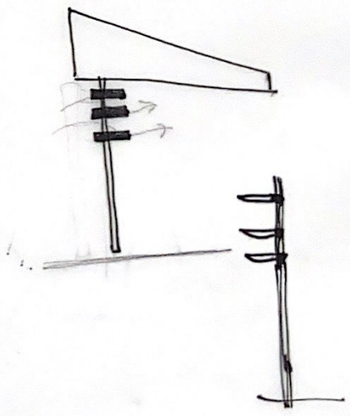


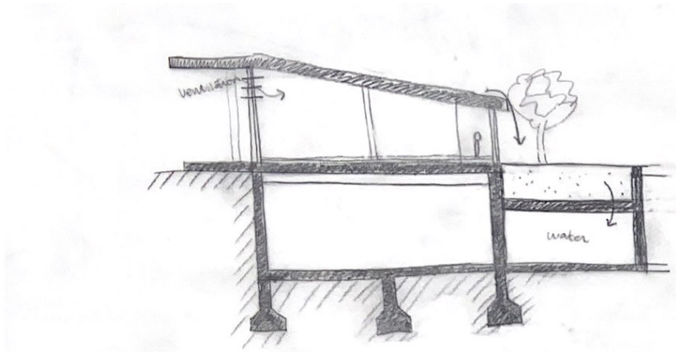


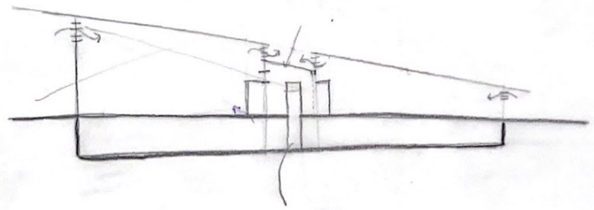


- wooden+green roof structure

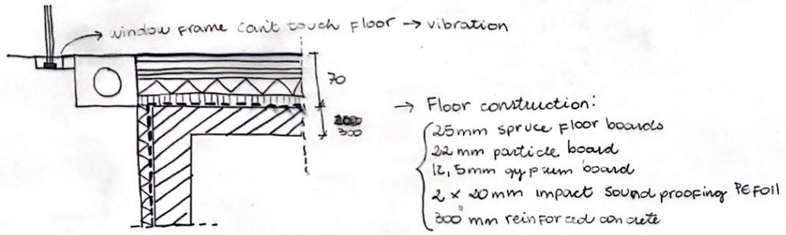


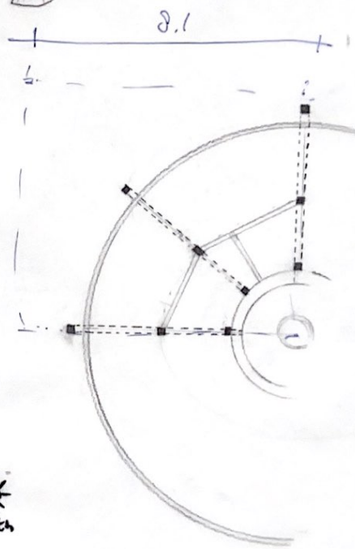


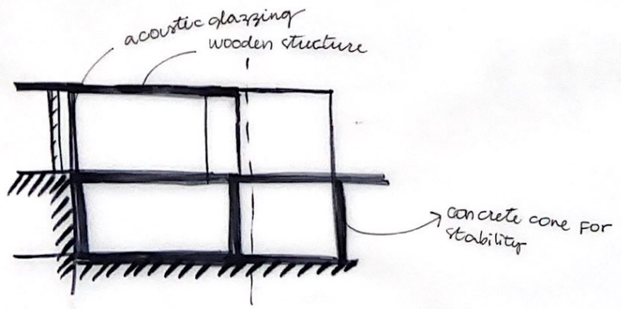


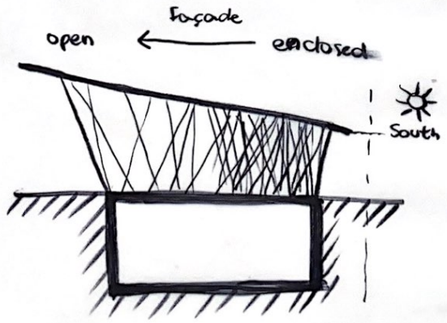




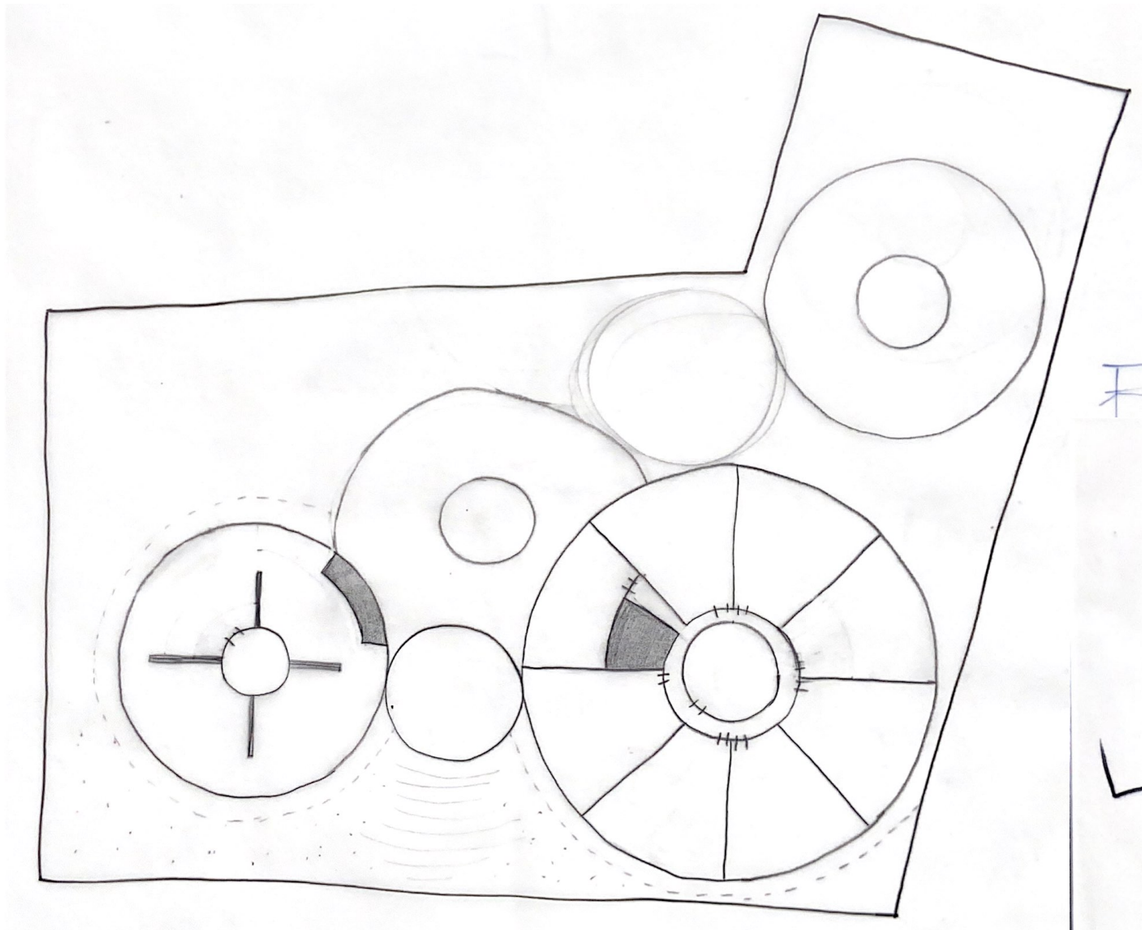


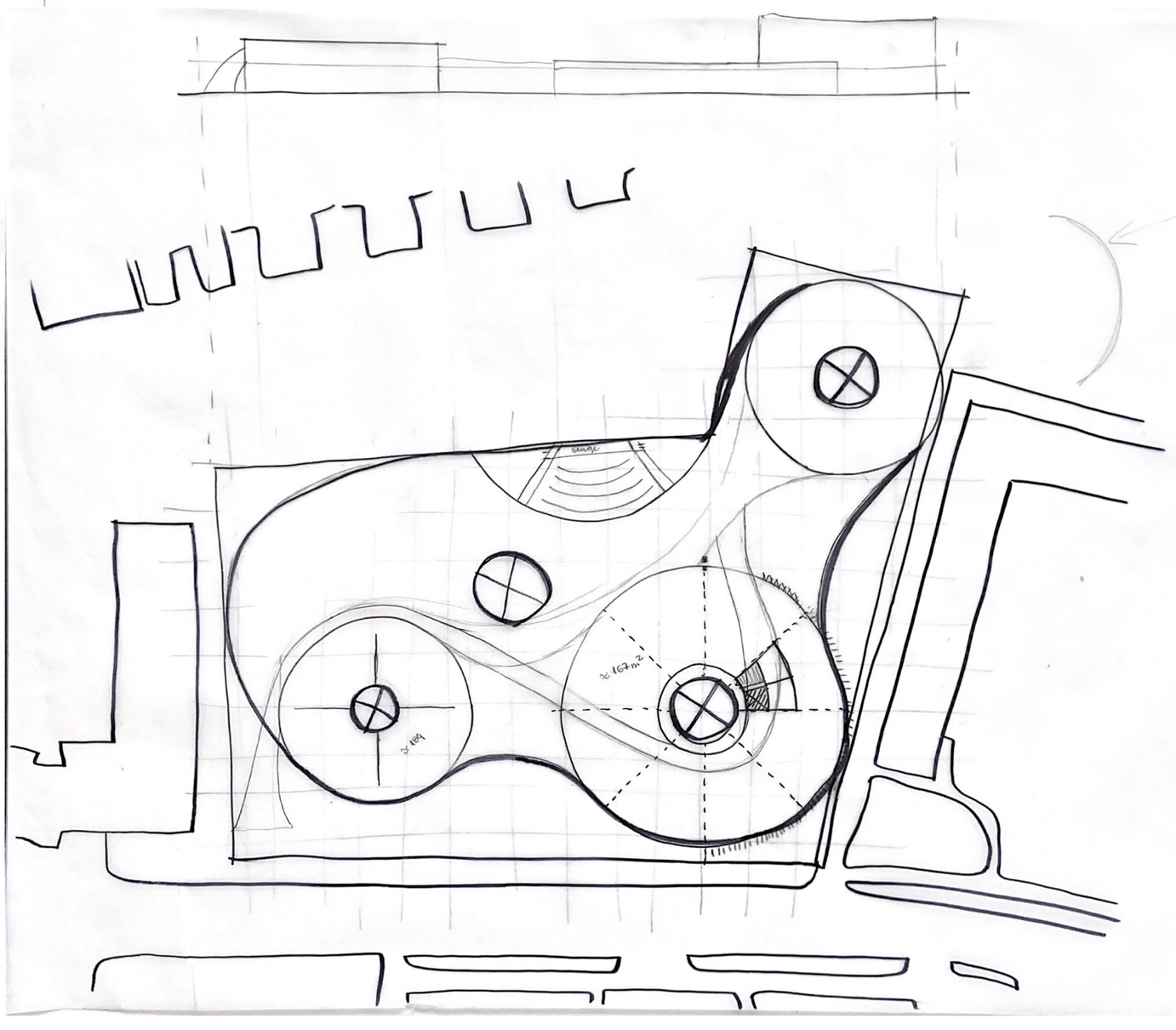


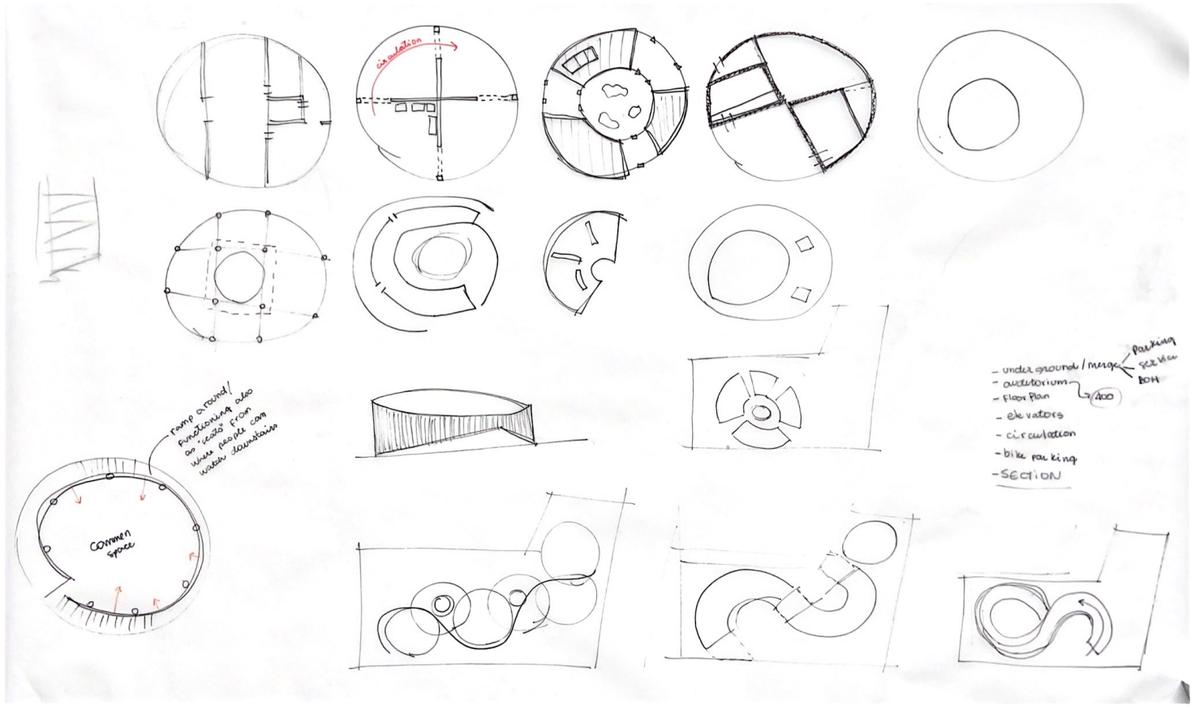


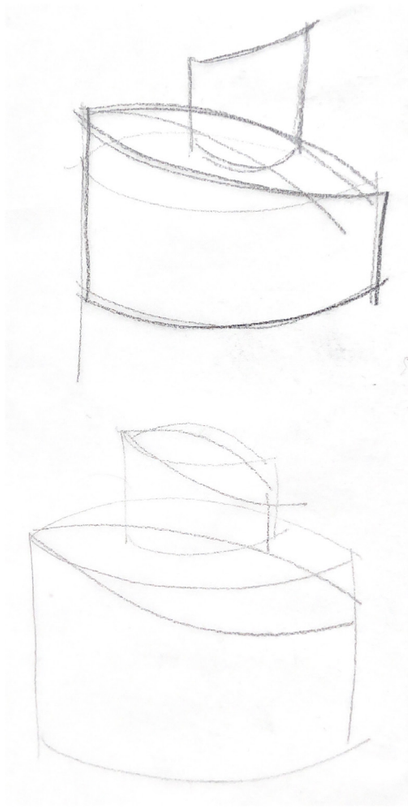


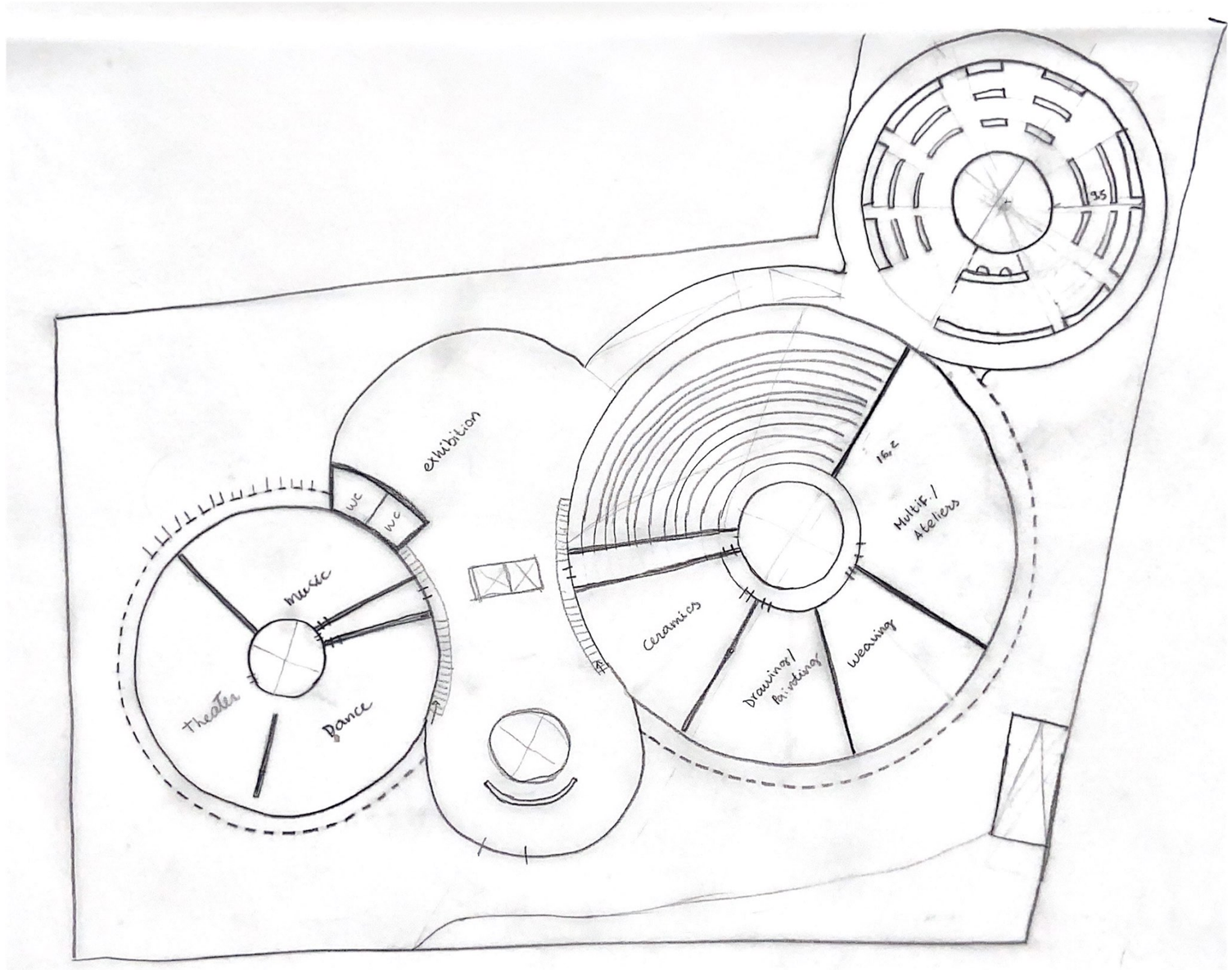
- cross bracing
- Concentrate on the design
- plan / structure






circulation
ramp around/
functioning also
as seats from
where people can
watch downtown
common
space
- underground / merge
parking
service
BOH
- auditorium
- floor plan
1/200
- elevators
- circulation
- bike parking
- SECTION




35
exhibition
wc
wc
music
theater
dance
ceramics
drawing/ paintings
weaving
Multif./ Ateliers

- Visual arts: 5 rooms
  - Drawing / Painting → place on the North Side → 2nd Floor
  - ceramics
  - weaving
  - multif. workshop
  - ateliers for artists → 2nd Floor

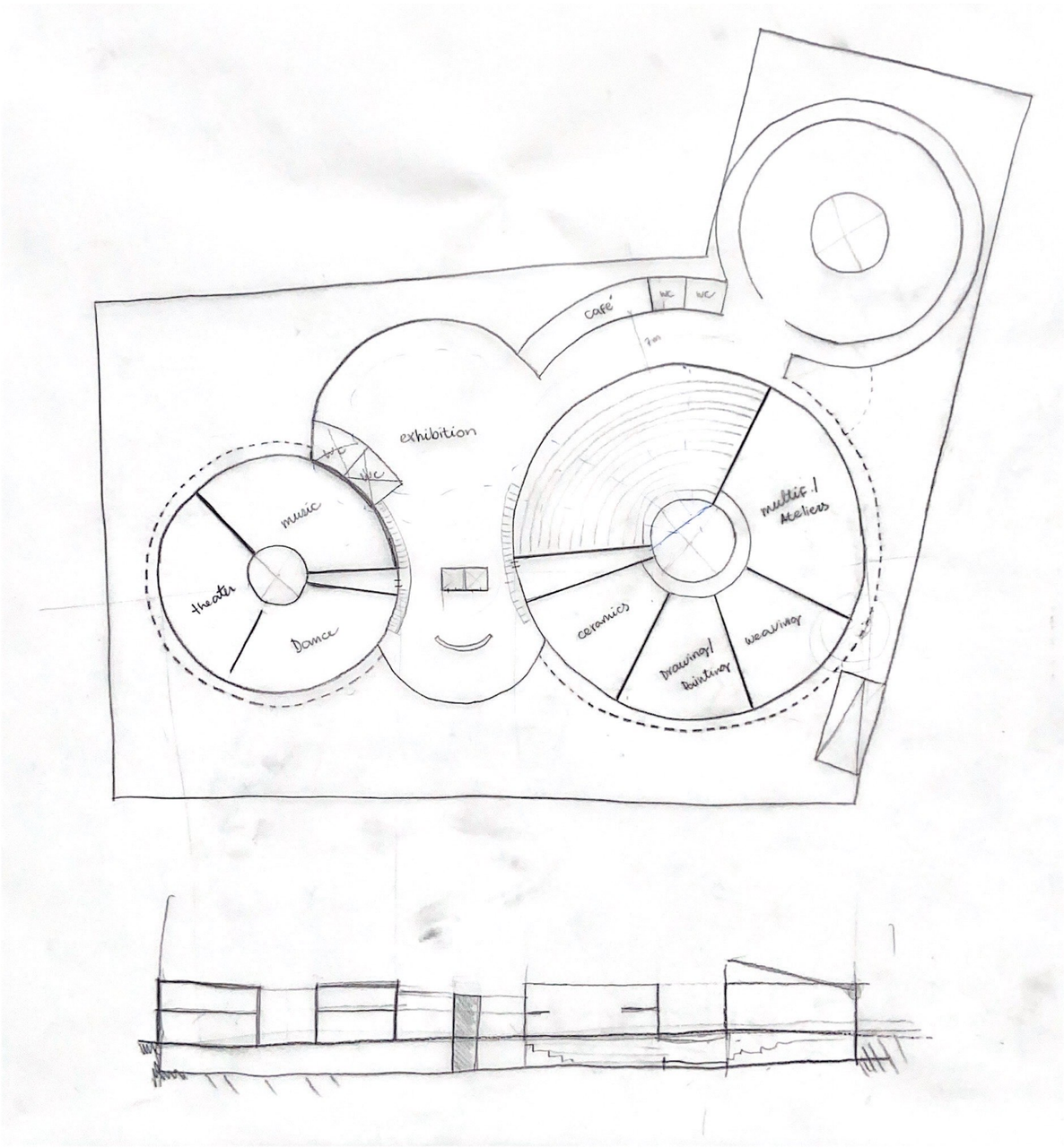
  +/- 150 m²
- Performing: 3 rooms
  - Dance
  - theater
  - music

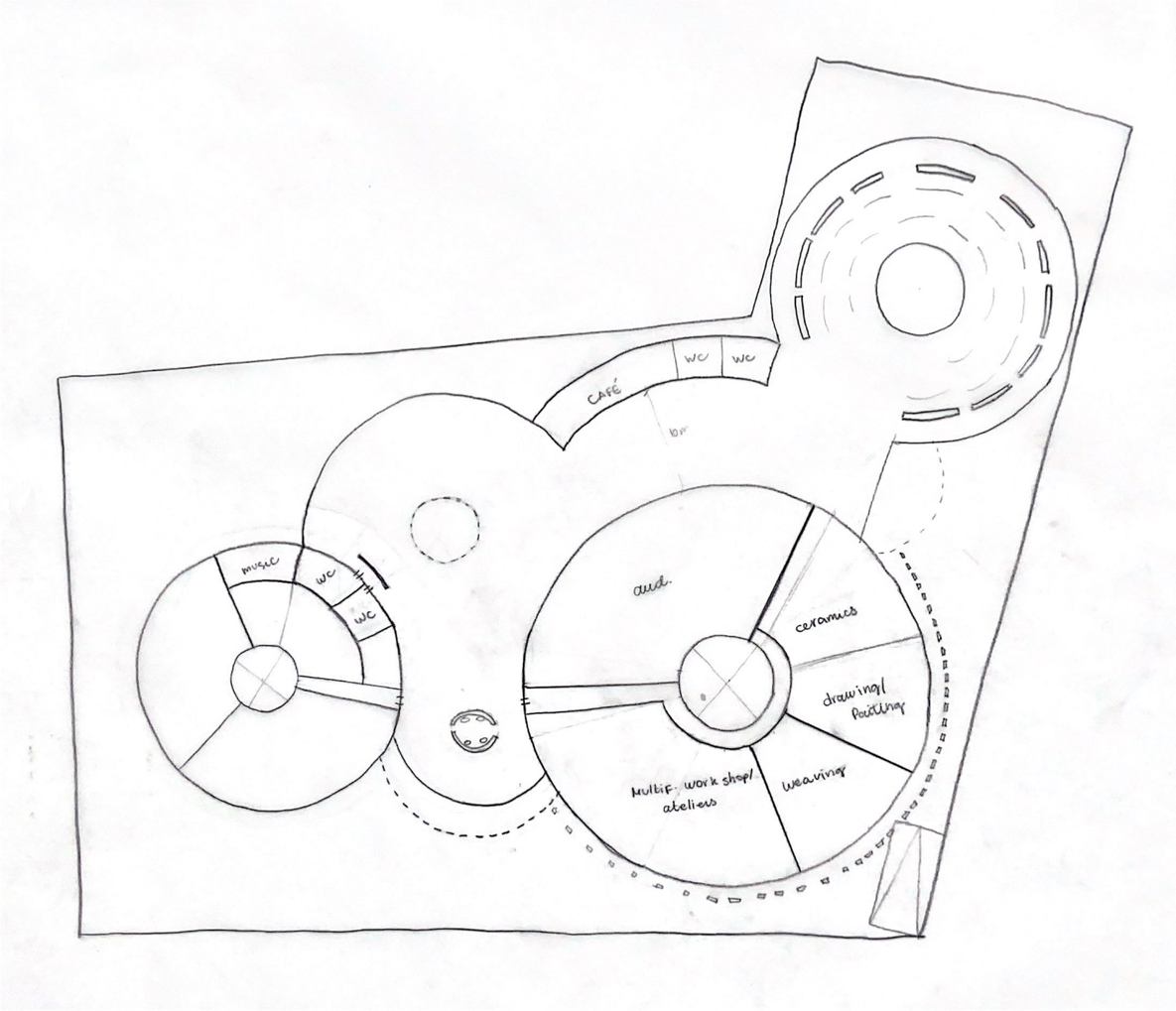
  +/- 100 m²
- Film / Literature:
  - Library
  - reading space
  - comp. lab

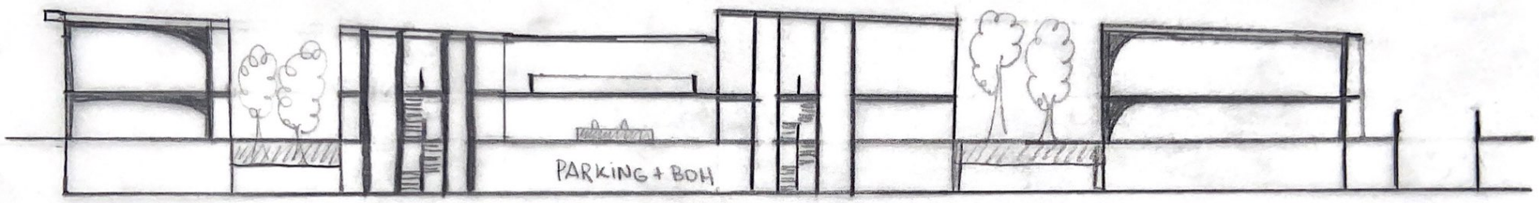
  +/- 1200 m²
- Common spaces
  - audit. ± 400 p.
  - Foyer
  - exhibition space
  - cafe / kitchen
  - shop
  - Toilets

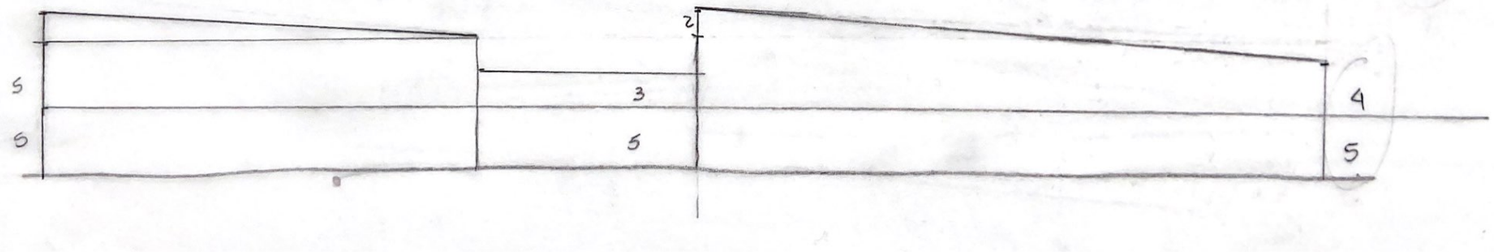
  +/- 2060 m²
- Administrative spaces
  - entrance / reception
  - service entrance
  - offices
  - storage

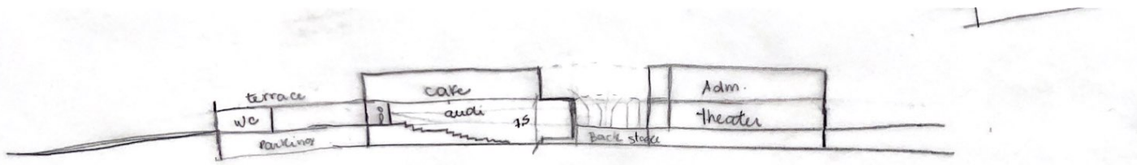
  +/- 280 m²
- Parking / technical

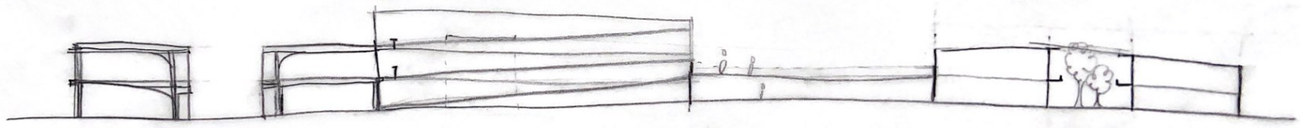



CAFÉ
WC
WC
music
WC
WC
aud.
ceramics
drawing/
Painting
weaving
Multif. work shop/
ateliers


PARKING + BOH


5
5
3
5
2
4
5


terrace
wc
parking
cafe
audi
15
back stage
Adm.
theater





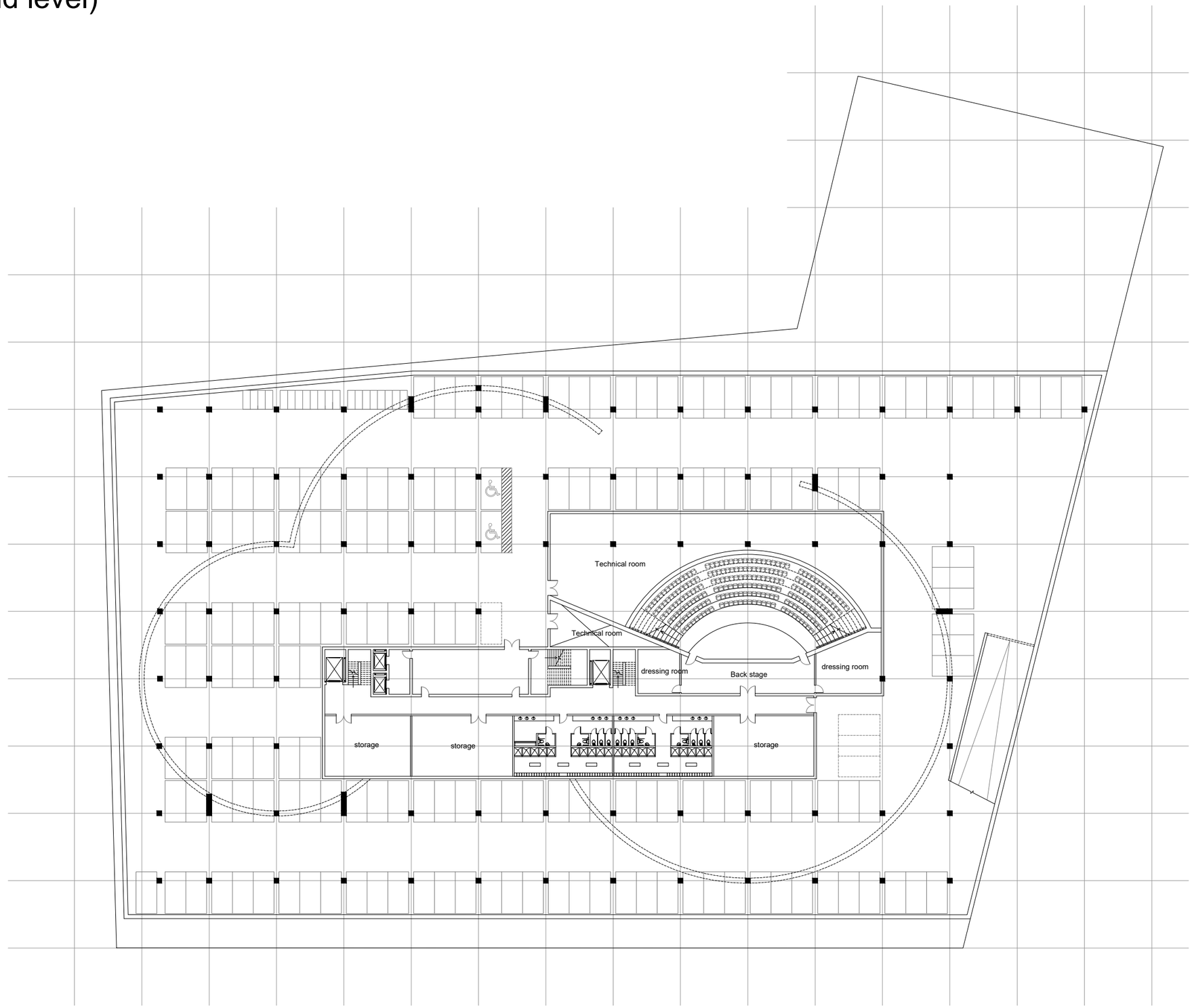






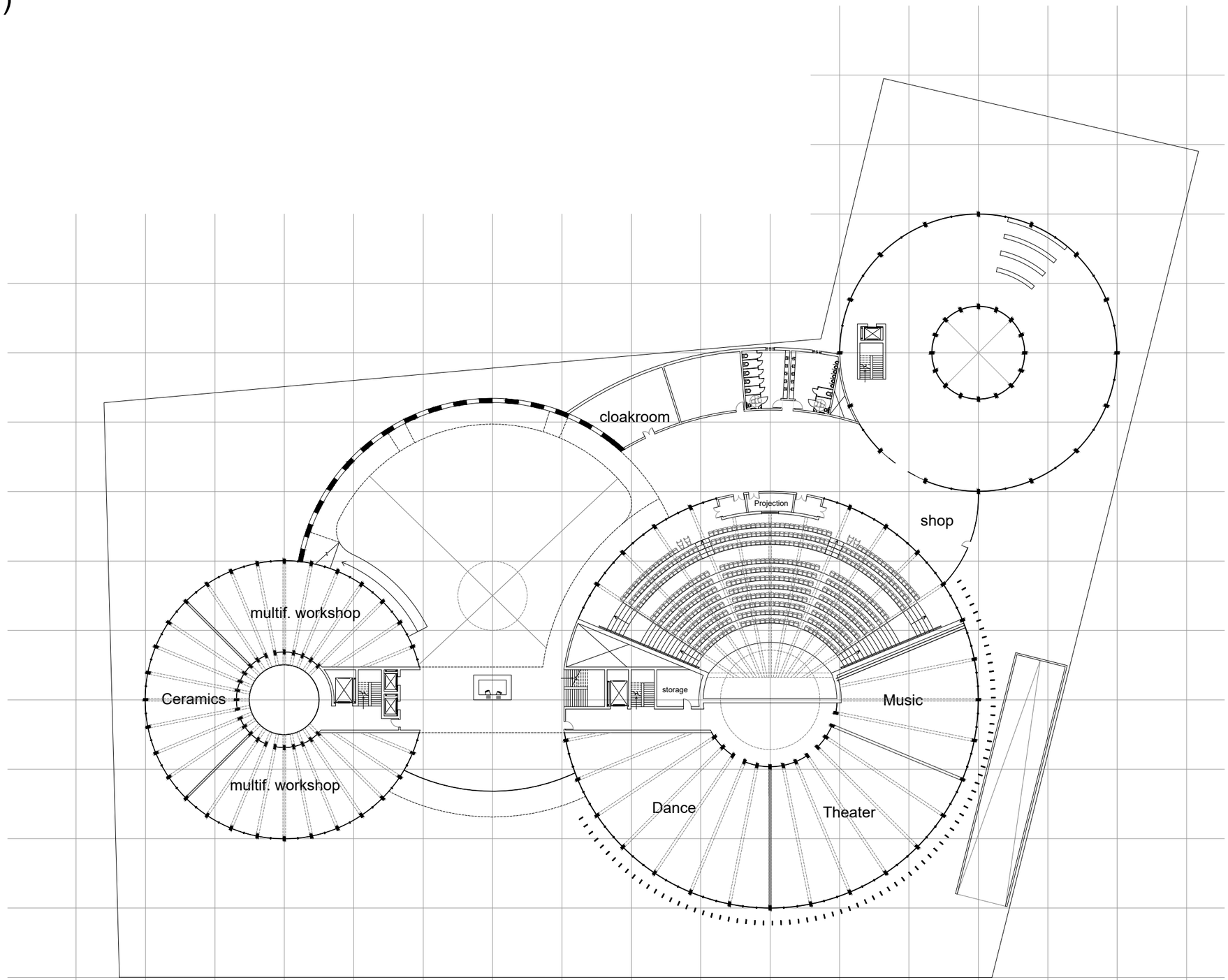
-1 (underground level)

181 parking spots for cars

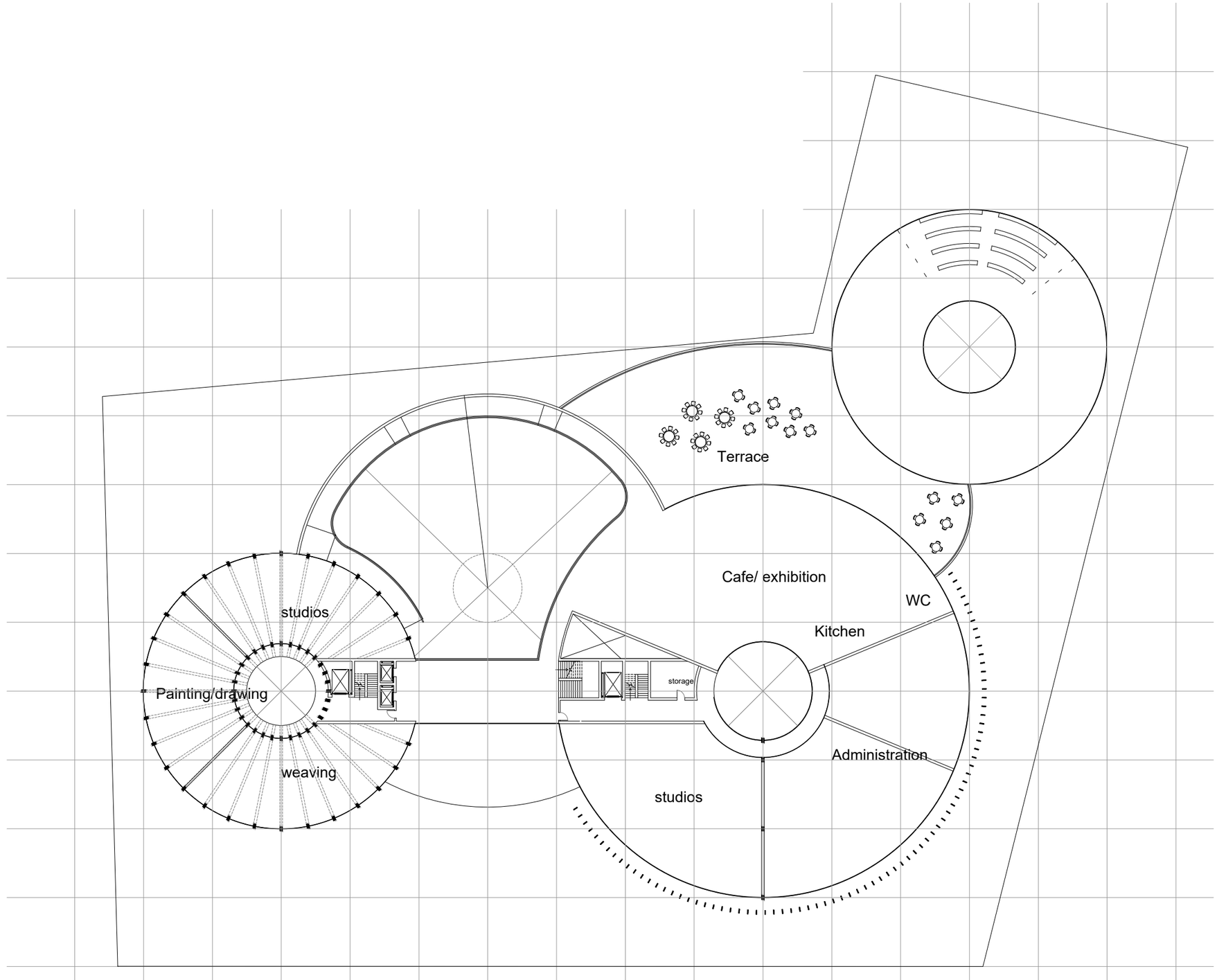


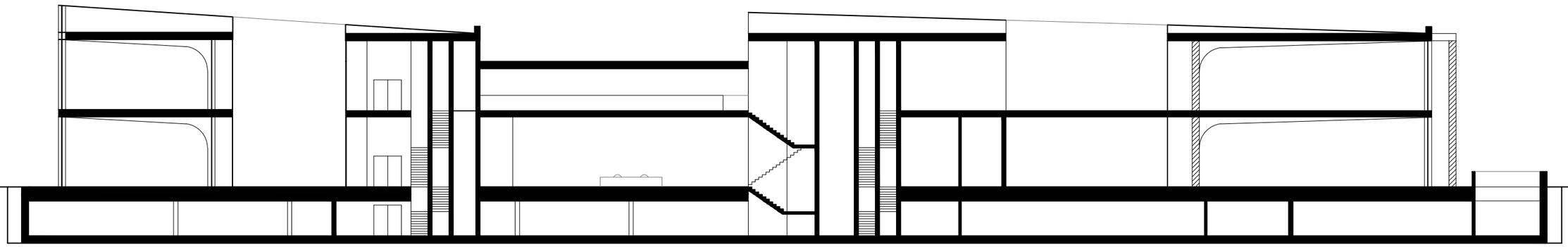
0 (ground level)

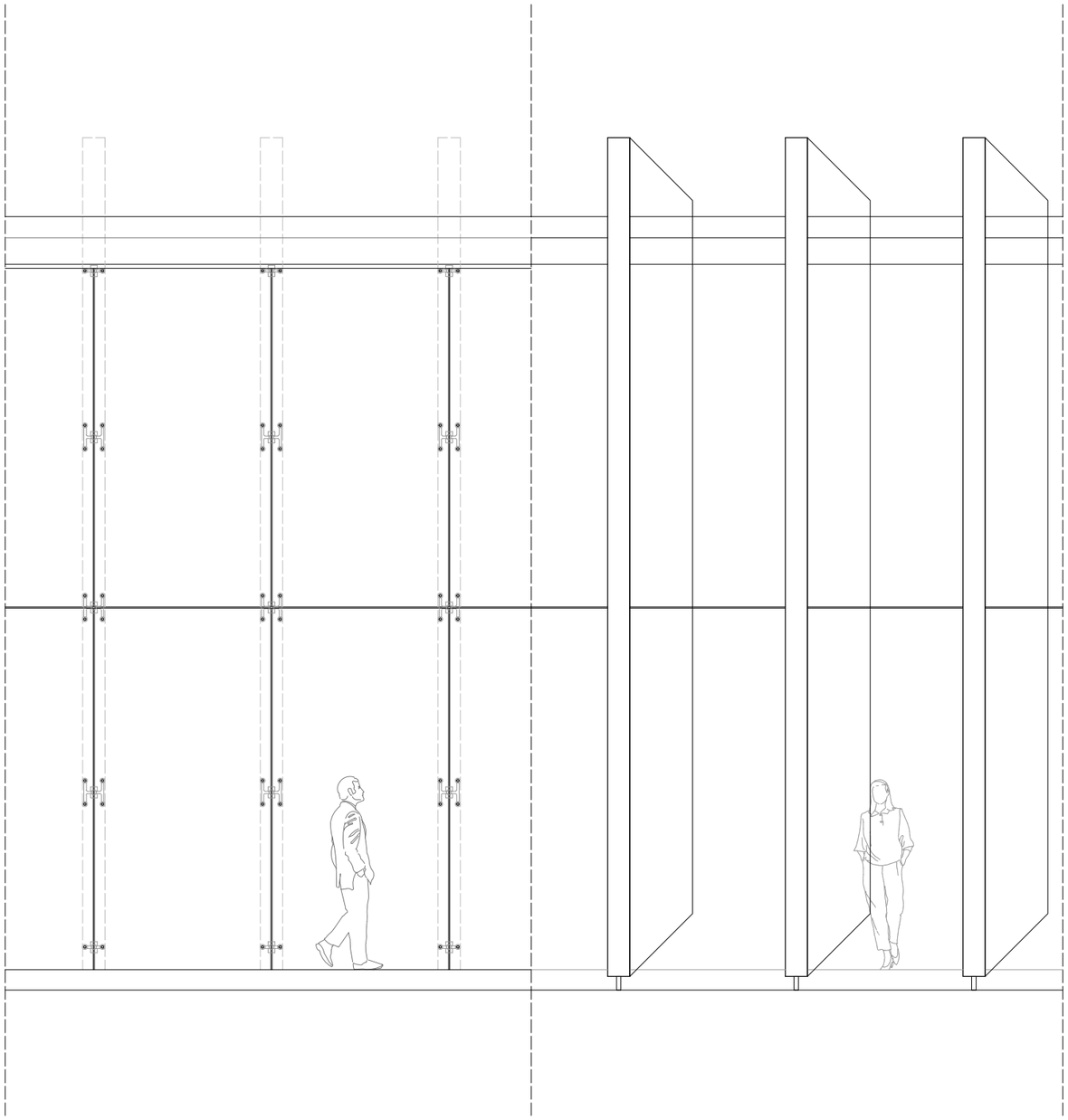
488 seats



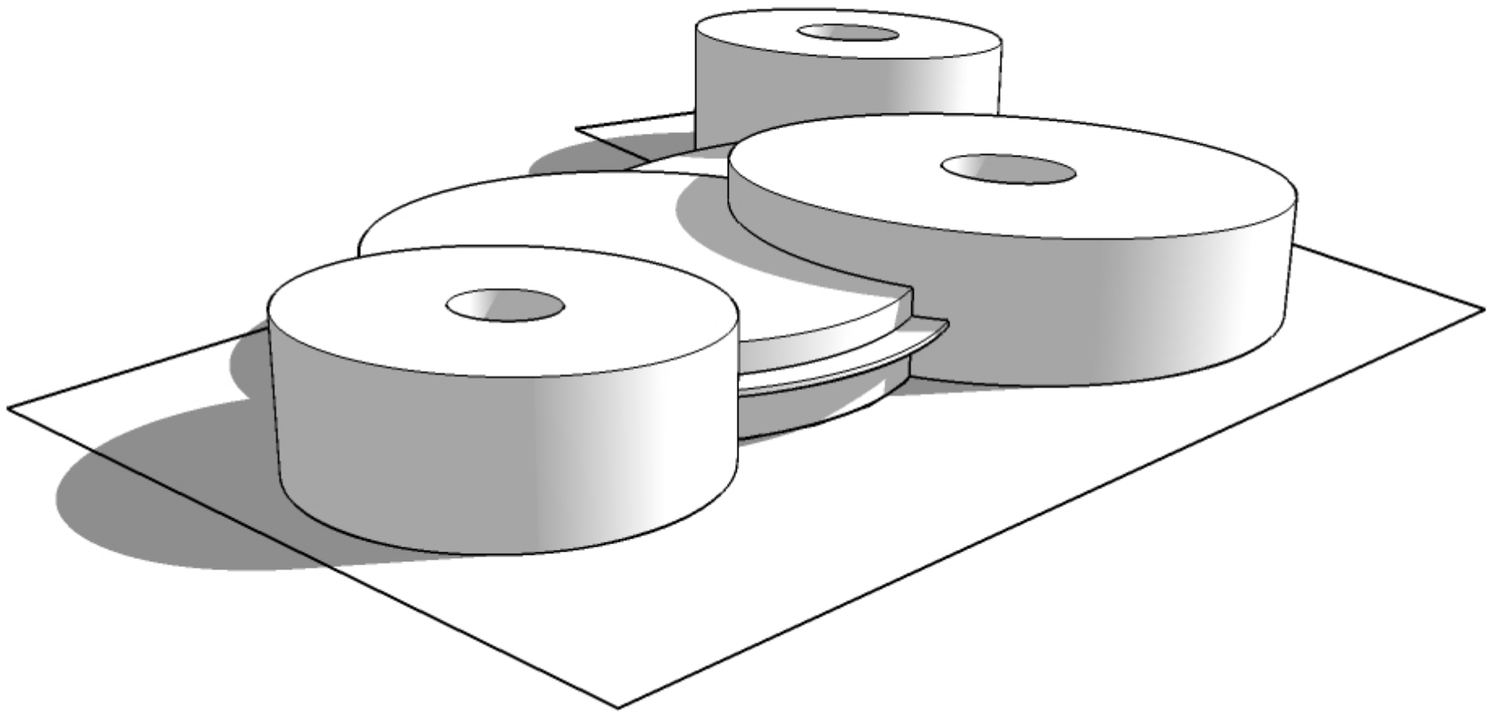
1 (first level)





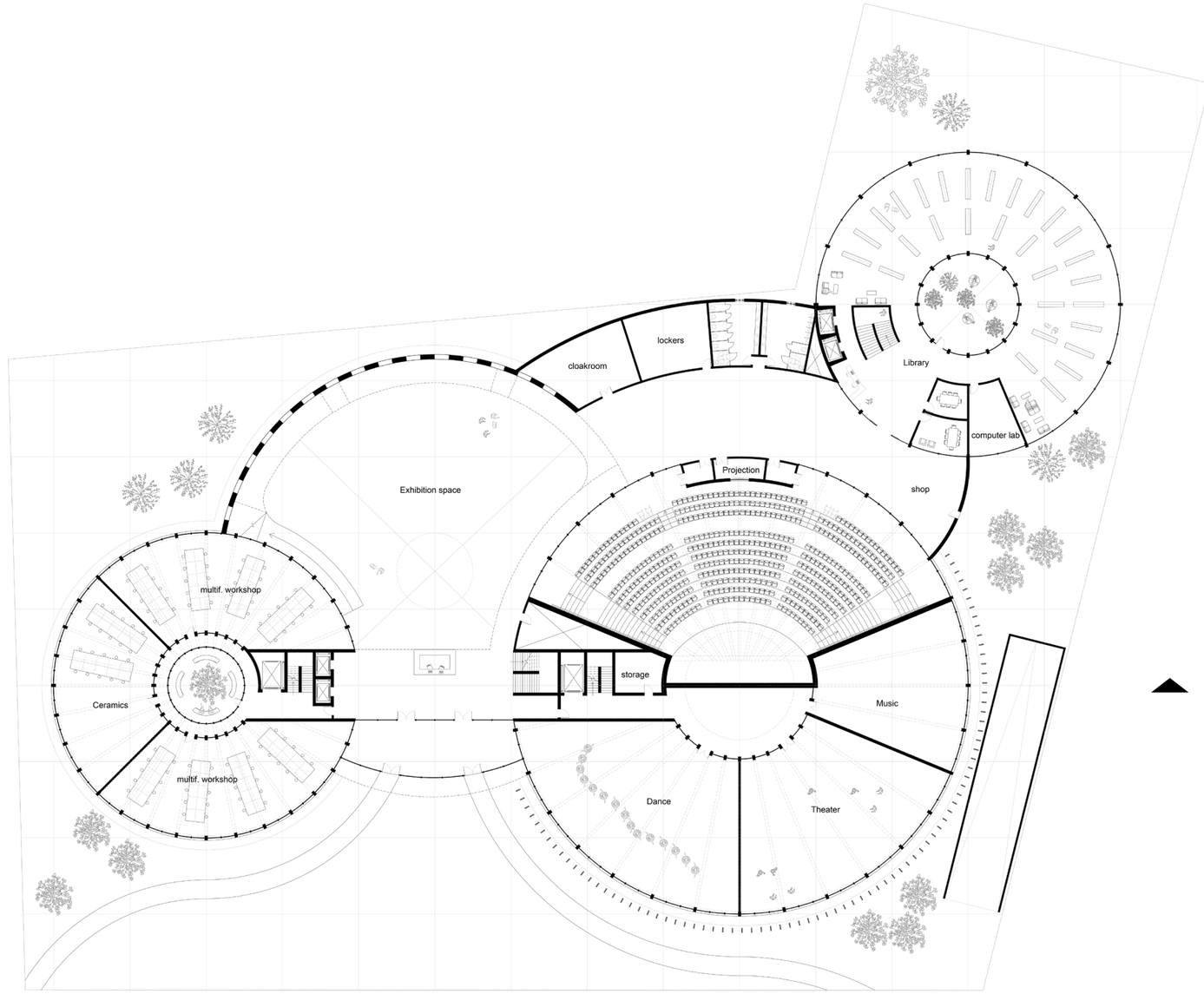


P4 DRAWINGS



0 (ground level)

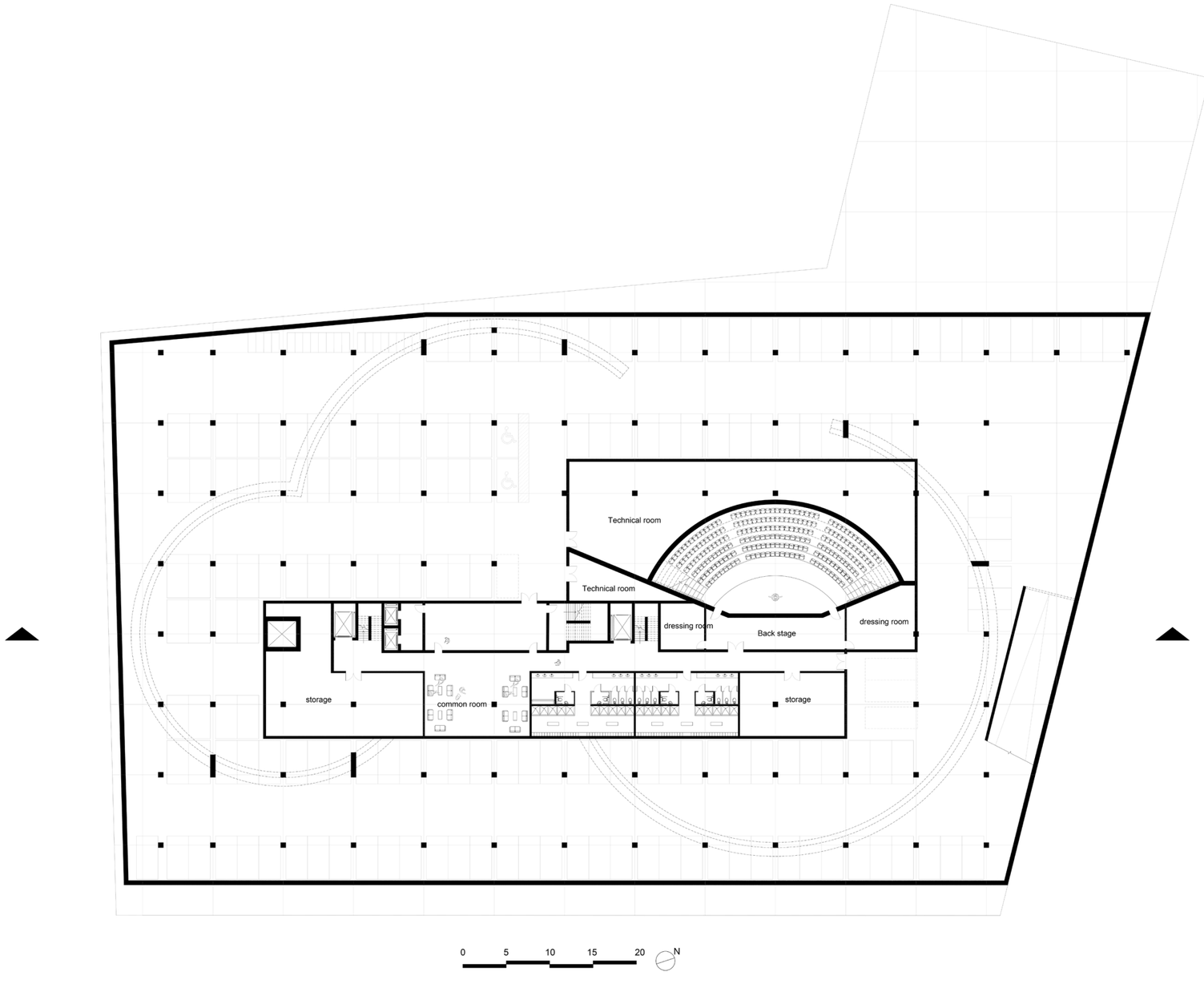
488 seats



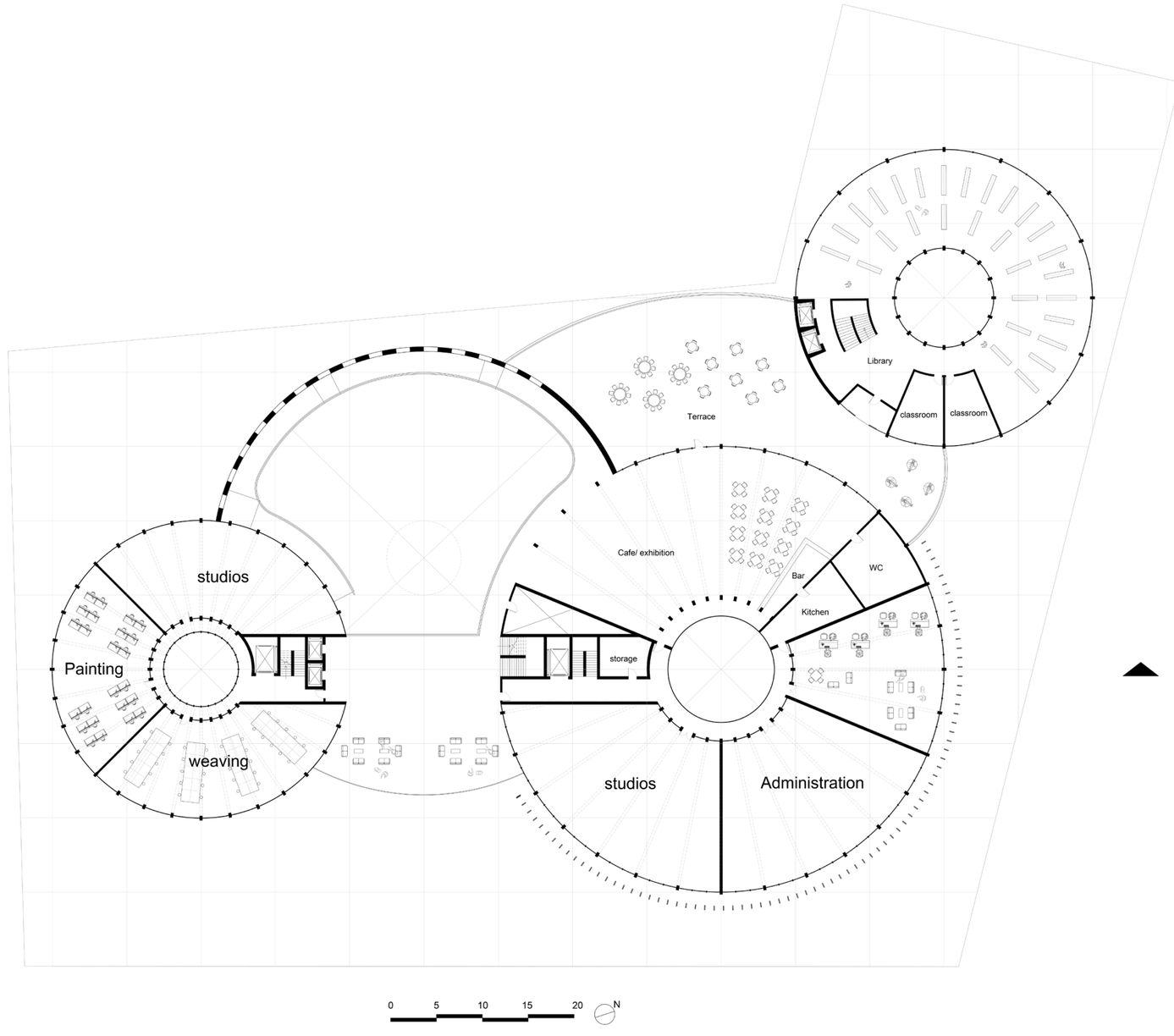
0 5 10 15 20 N

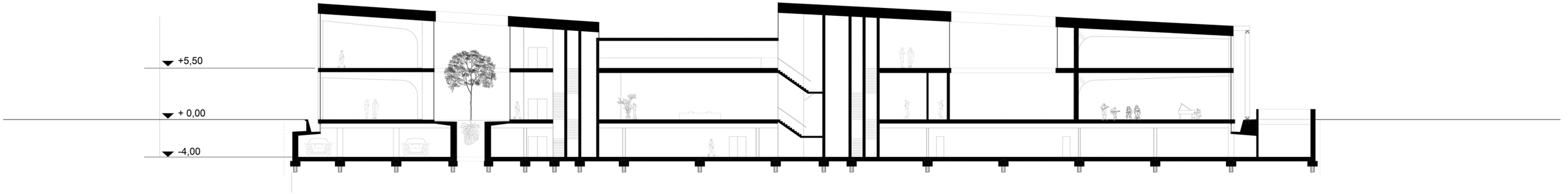
-1 (underground level)

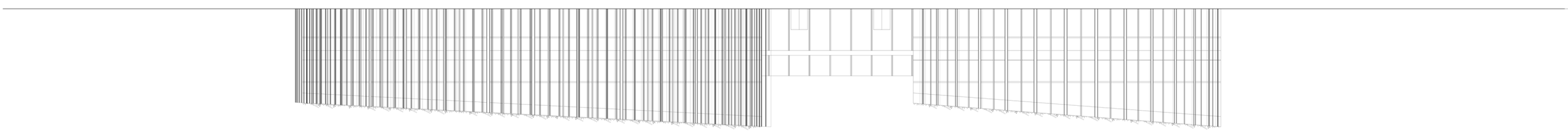
175 parking spots for cars

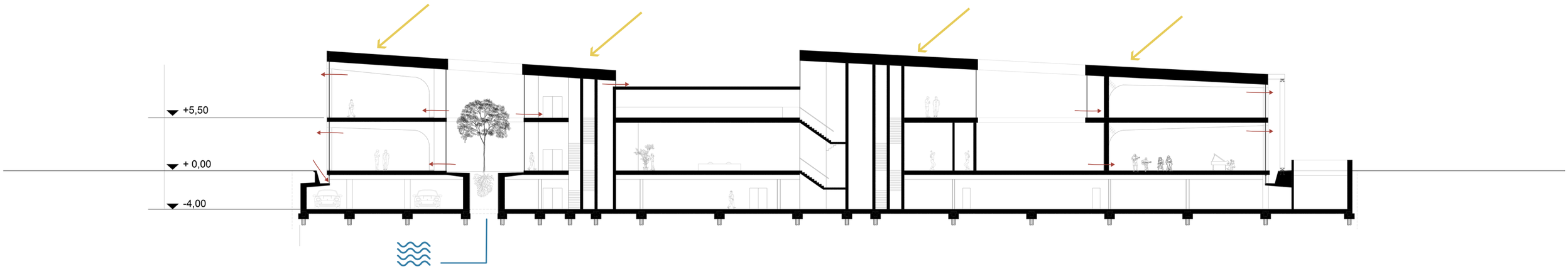


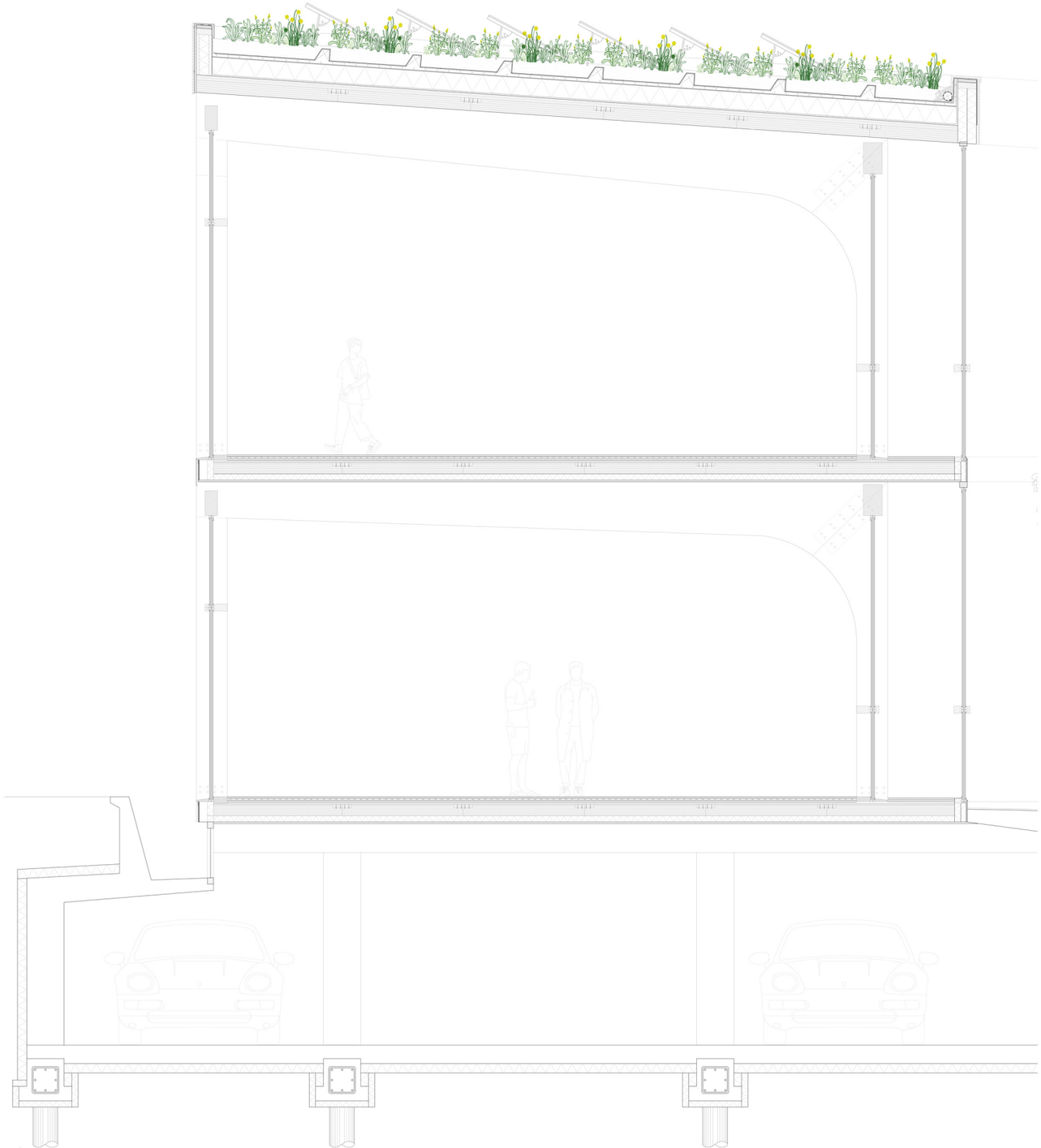
1 (first level)

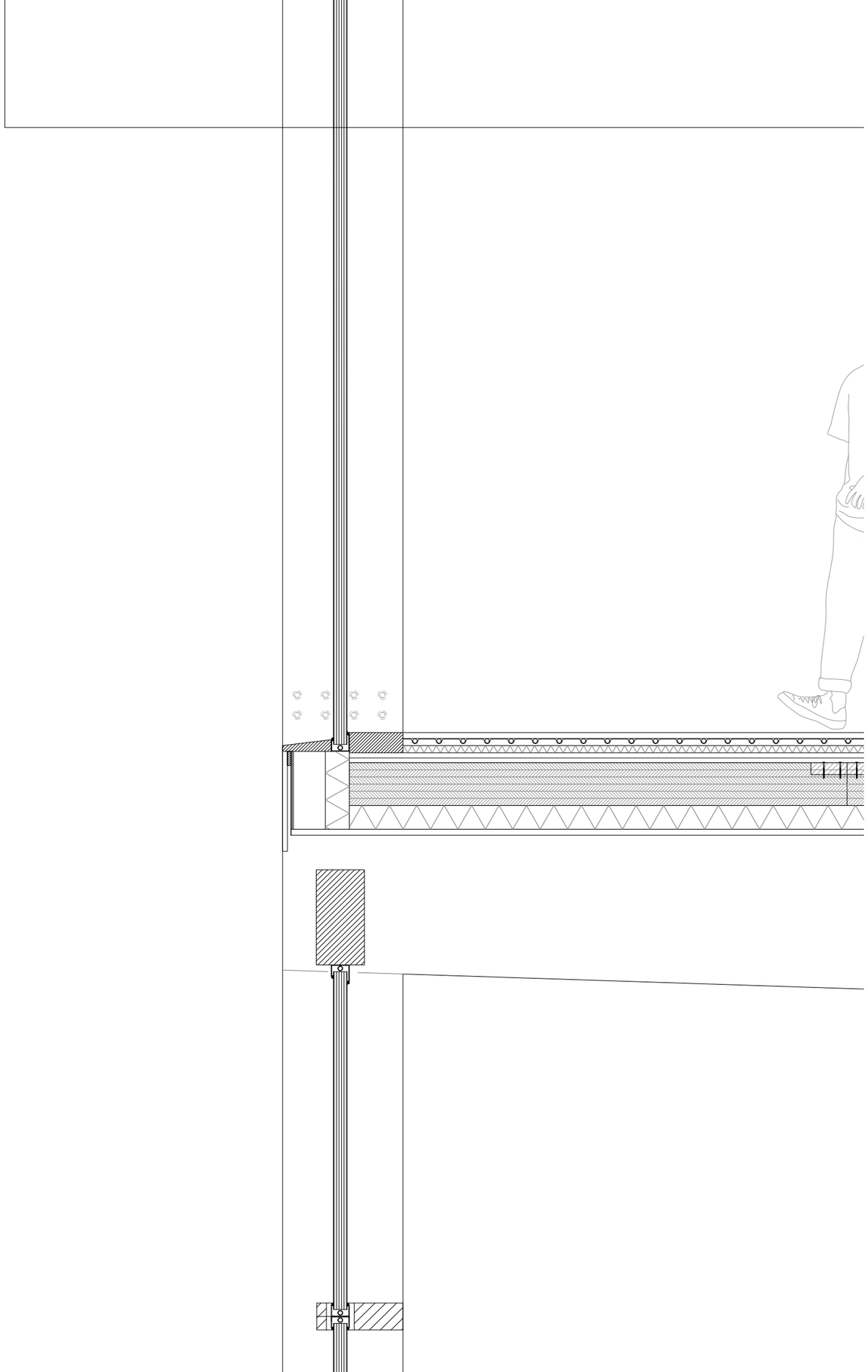


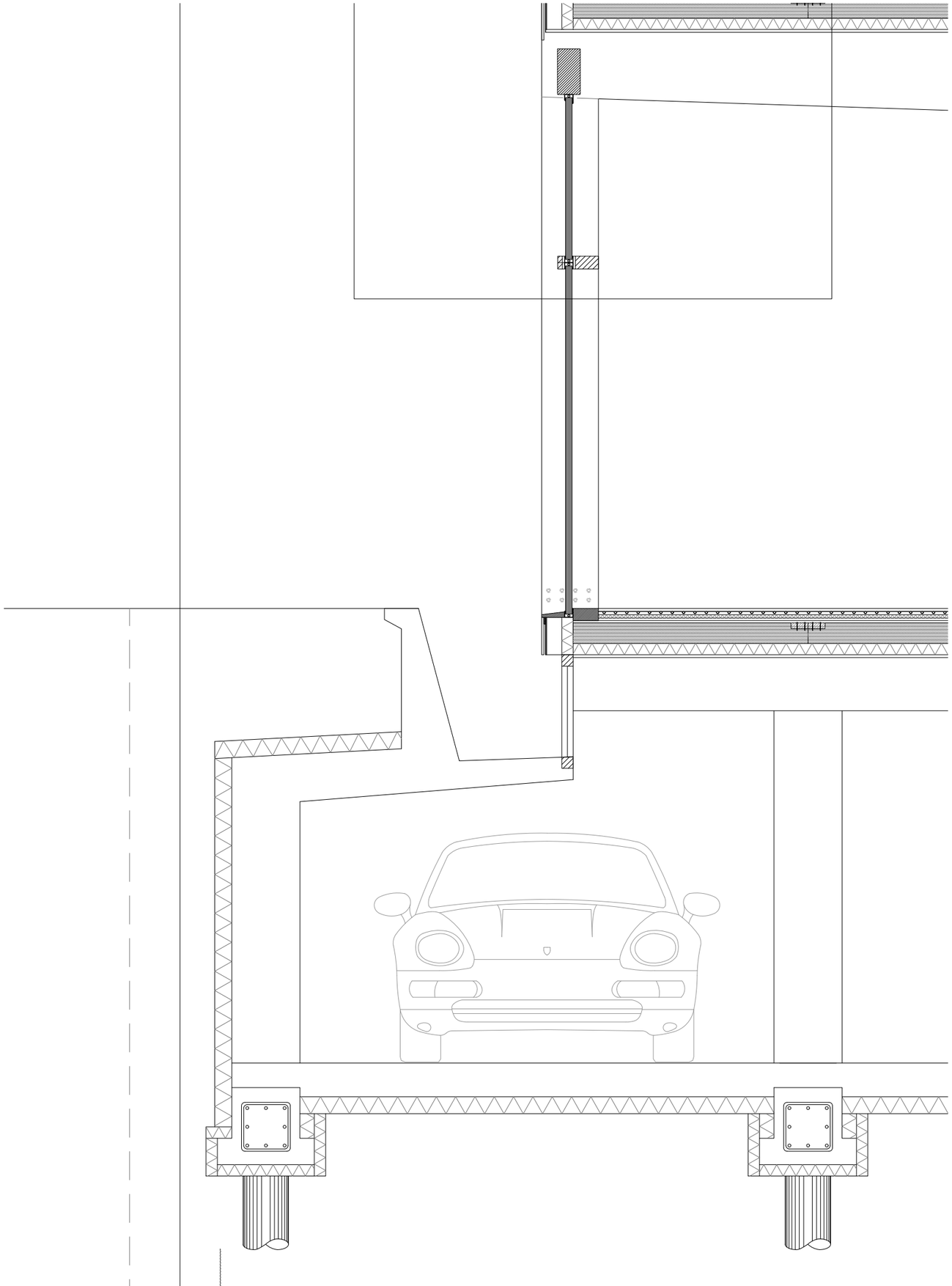

+5,50
+ 0,00
-4,00

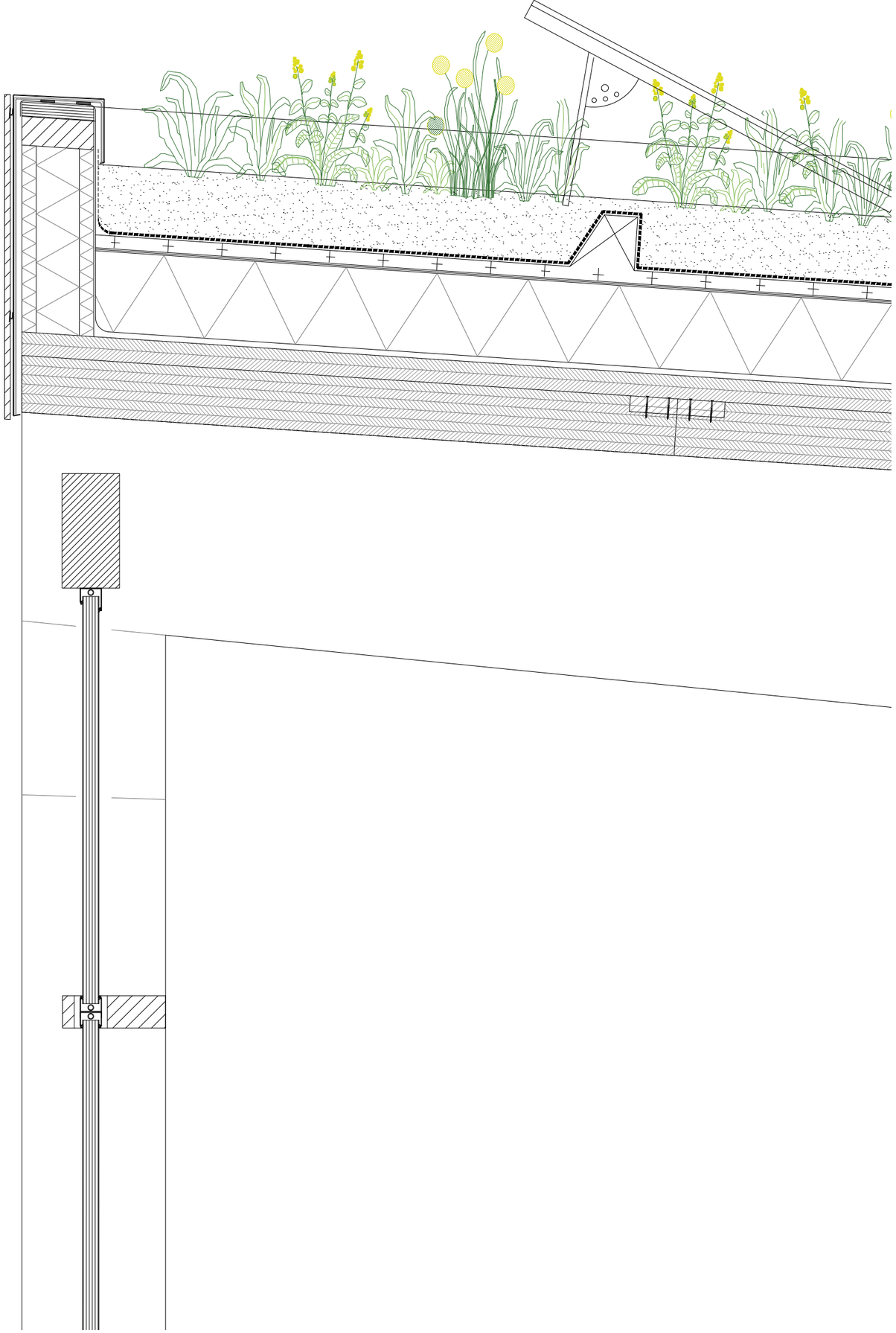



+5,50
+ 0,00
-4,00



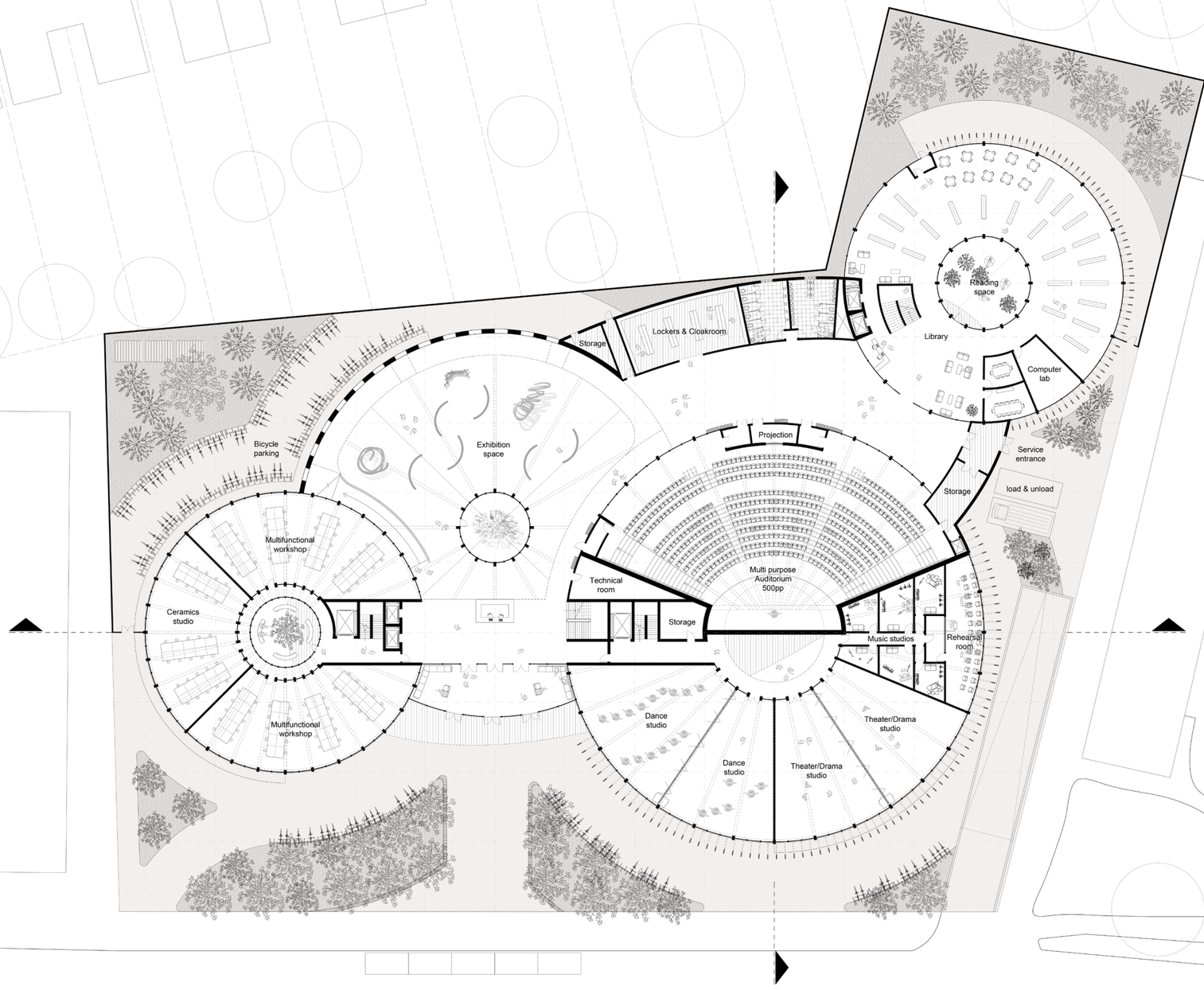




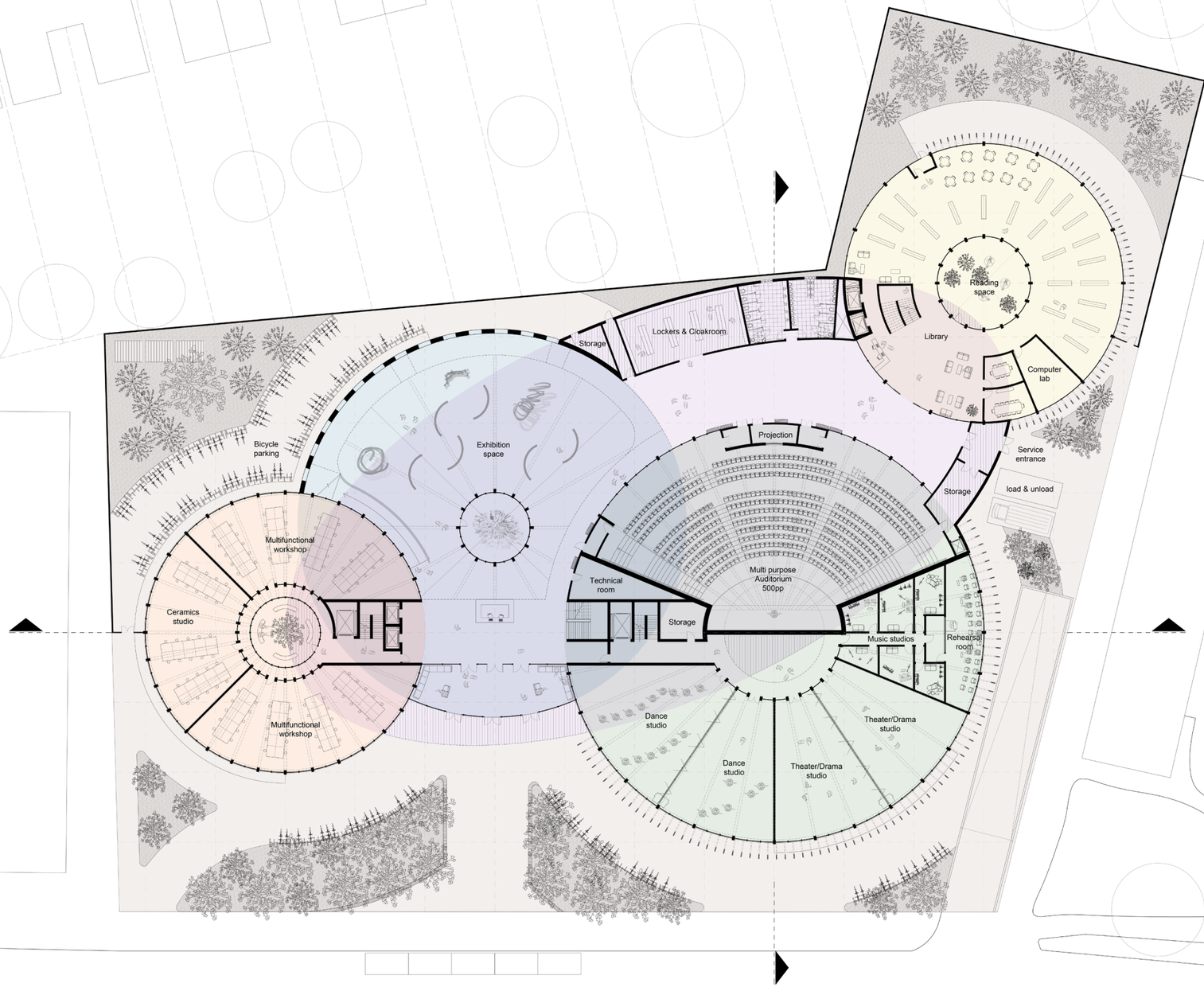




Ground level

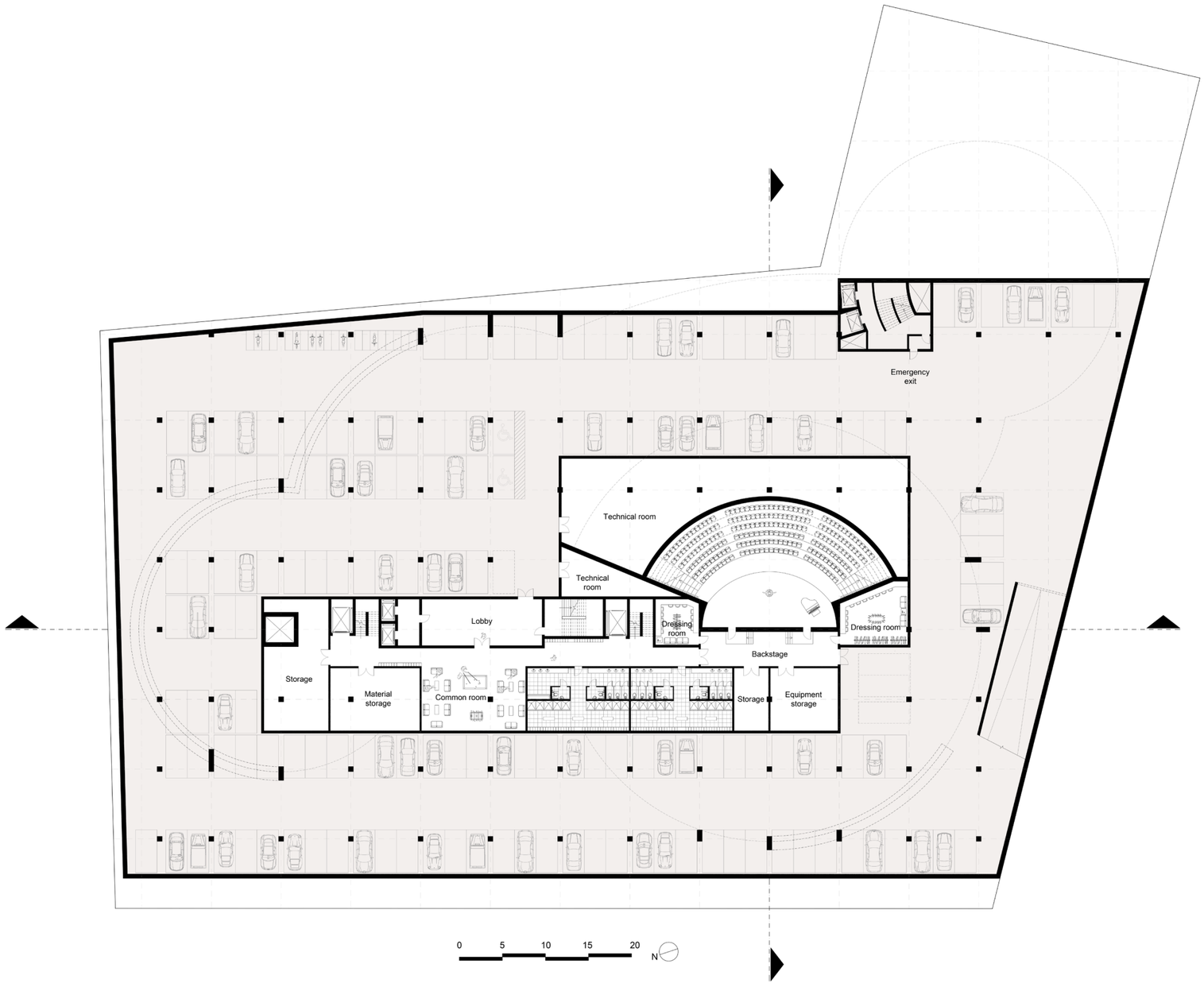


Ground level

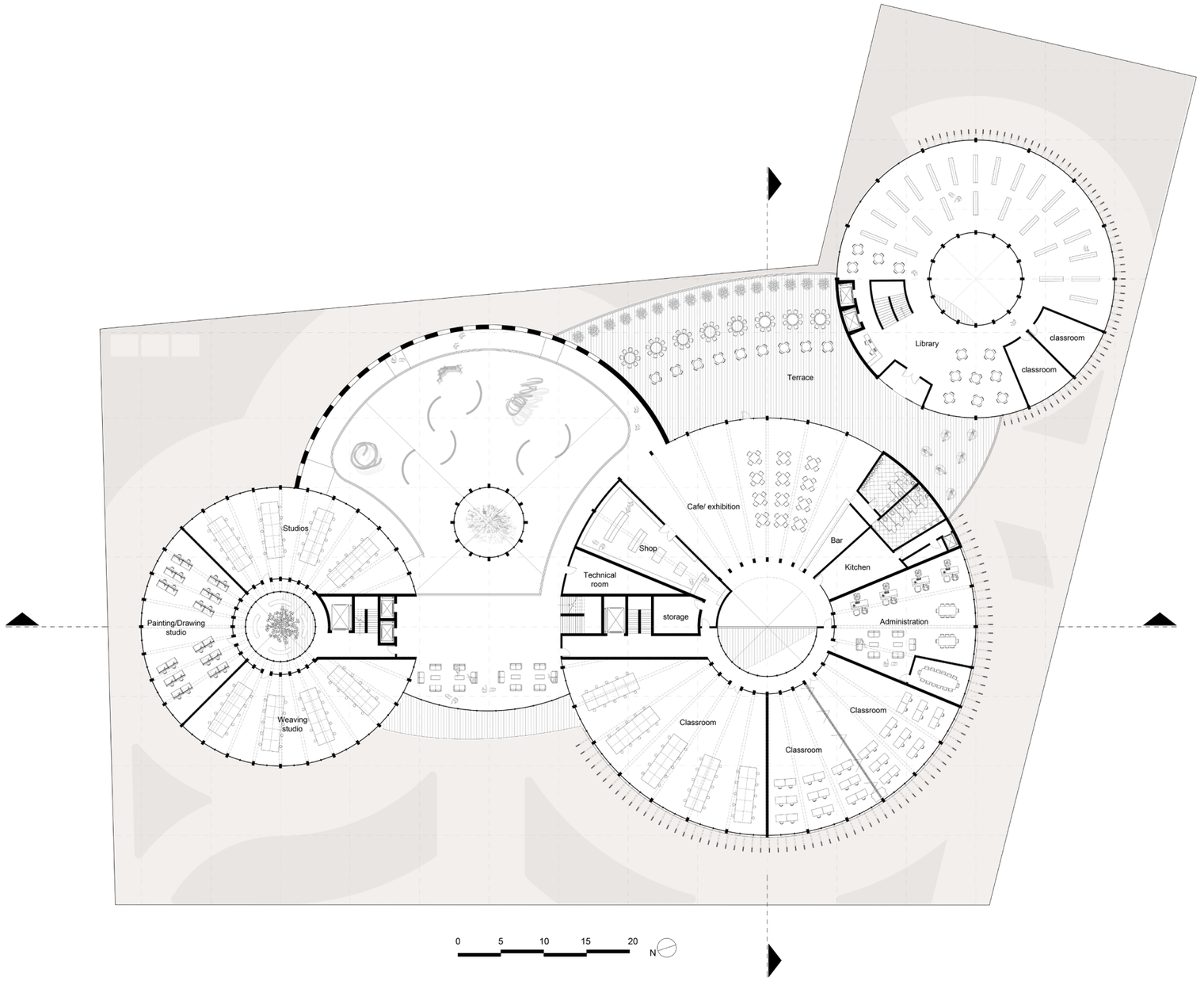


Underground level

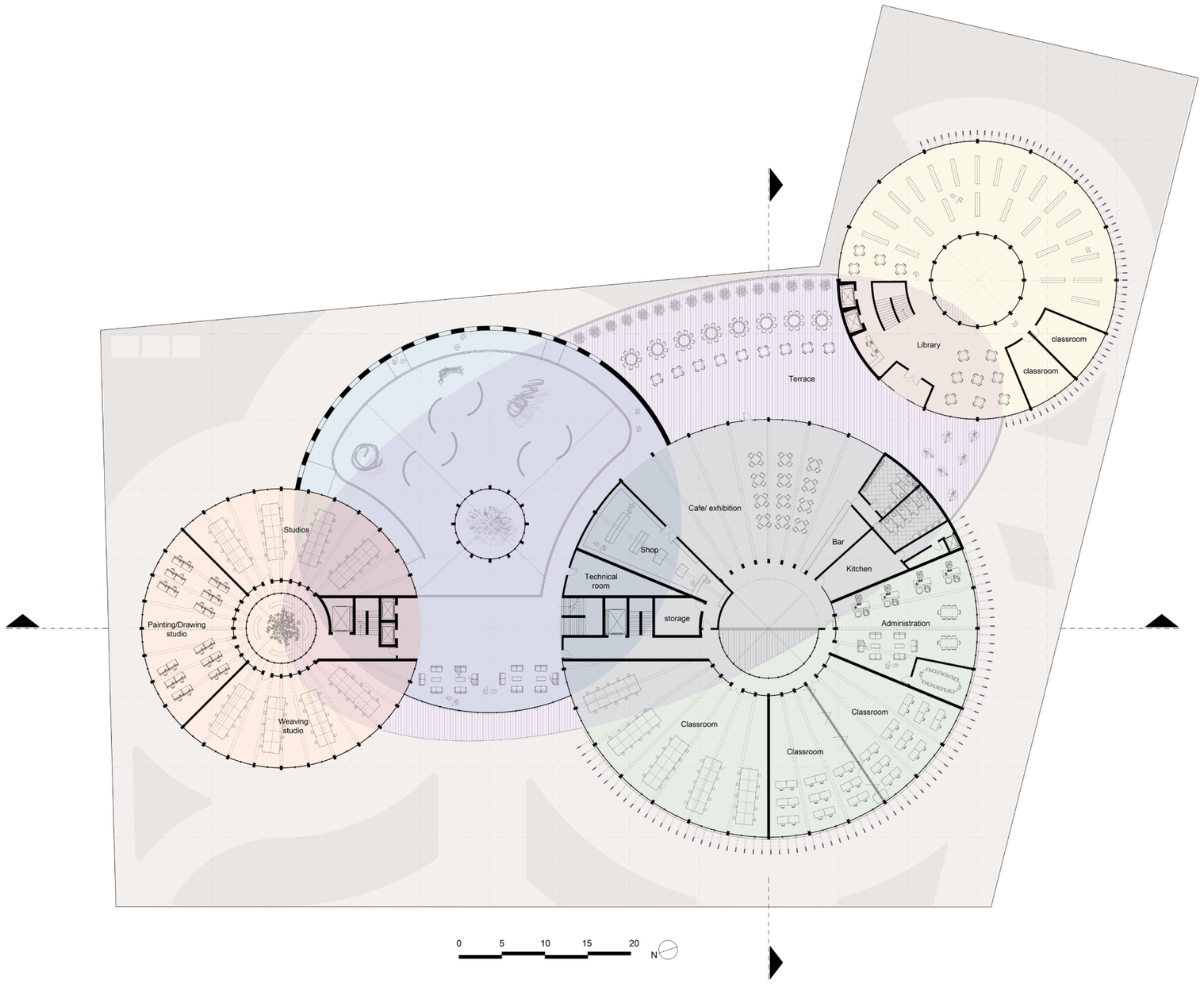
171 parking spots for cars



First level


Terrace
Library
classroom
classroom
Cafe/ exhibition
Bar
Kitchen
Shop
Technical room
storage
Administration
Studios
Painting/Drawing studio
Weaving studio
Classroom
Classroom
Classroom
0
5
10
15
20
N

First level


Terrace
Library
classroom
classroom
Cafe/ exhibition
Bar
Kitchen
Shop
Technical room
storage
Administration
Classroom
Classroom
Classroom
Studios
Painting/Drawing studio
Weaving studio
0
5
10
15
20
N











Section AA



Section BB



Elevation

