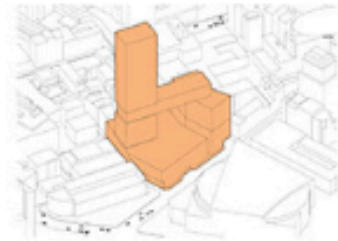
100% of the street level experience is **public** ROW, therefore technically 'out of scope'

The success as a destination directly relates to its ability to **connect** to other assets downtown.



A massive building requires a **human-scaled** street level design solution

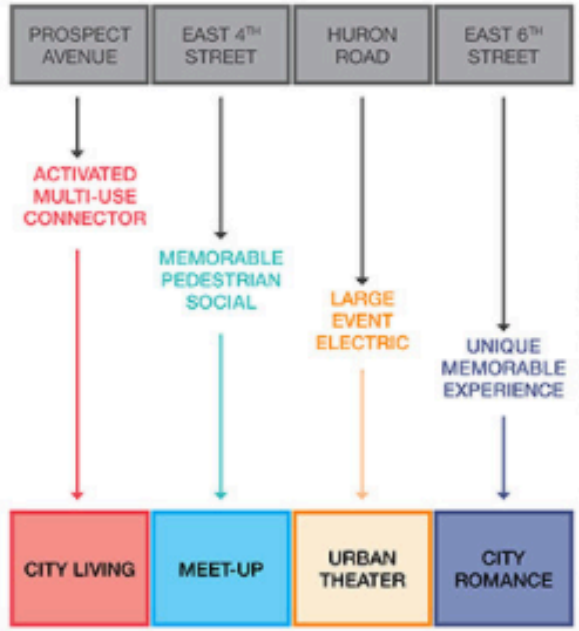
Complete Streets
transit, bikes, pedestrians

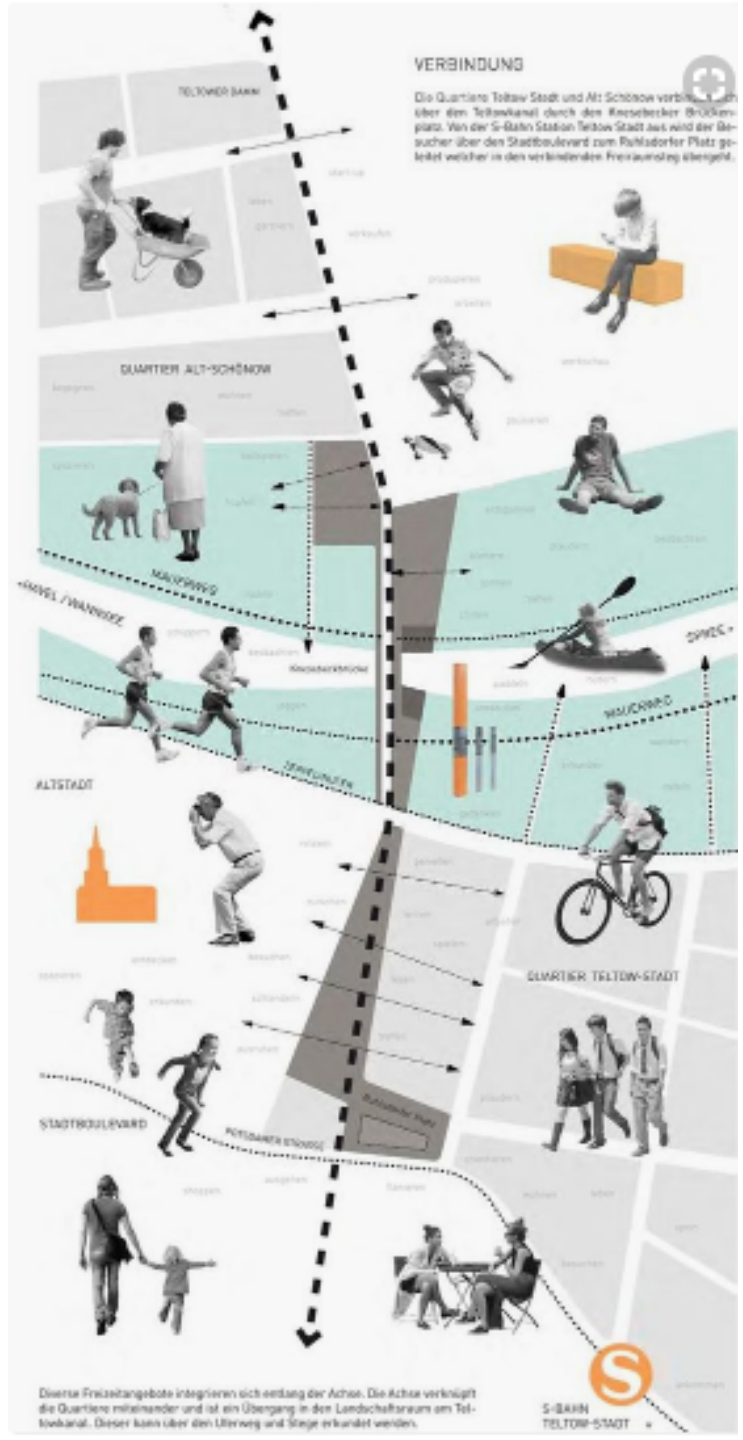
Widen Sidewalks
to increase pedestrian zone

Maximize Existing Assets
arcades, arenas and east 4th street

Consider Large Crowds
before and after events at arena

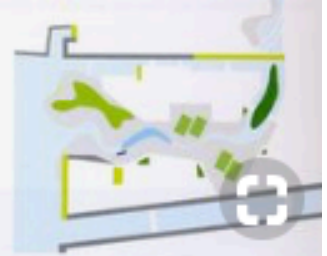
Respect Existing Street Scale
at Prospect and Huron




VERBINDUNG
Die Quartiere Teltow Stadt und Alt Schönow verbinden sich über den Teltowkanal durch den Kreisel
plats. Von der S-Bahn Station Teltow Stadt aus wird der Be-
sucher über den Stadtboulevard zum Rathausdorfer Platz ge-
leitet welcher in den verbindenden Freiraumsteg übergeht.
QUARTIER ALT-SCHÖNOW
ALTSTADT
QUARTIER TELTOW-STADT
STADTBOULEVARD
Diverse Freizeitangebote integrieren sich entlang der Achse. Die Achse verknüpft die Quartiere miteinander und ist ein Übergang in den Landschaftsraum am Teltowkanal. Dieser kann über den Uferweg und Stege erkundet werden.
S-BAHN
TELTOW-STADT

Institutions

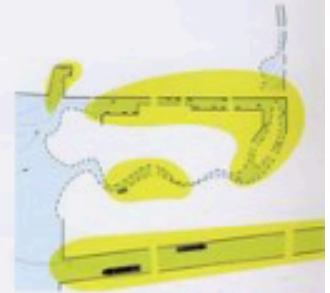
Heritage Corridor



Landscape Types

View and Sightlines

Neighbourhoods



Water Vessels

Green Network

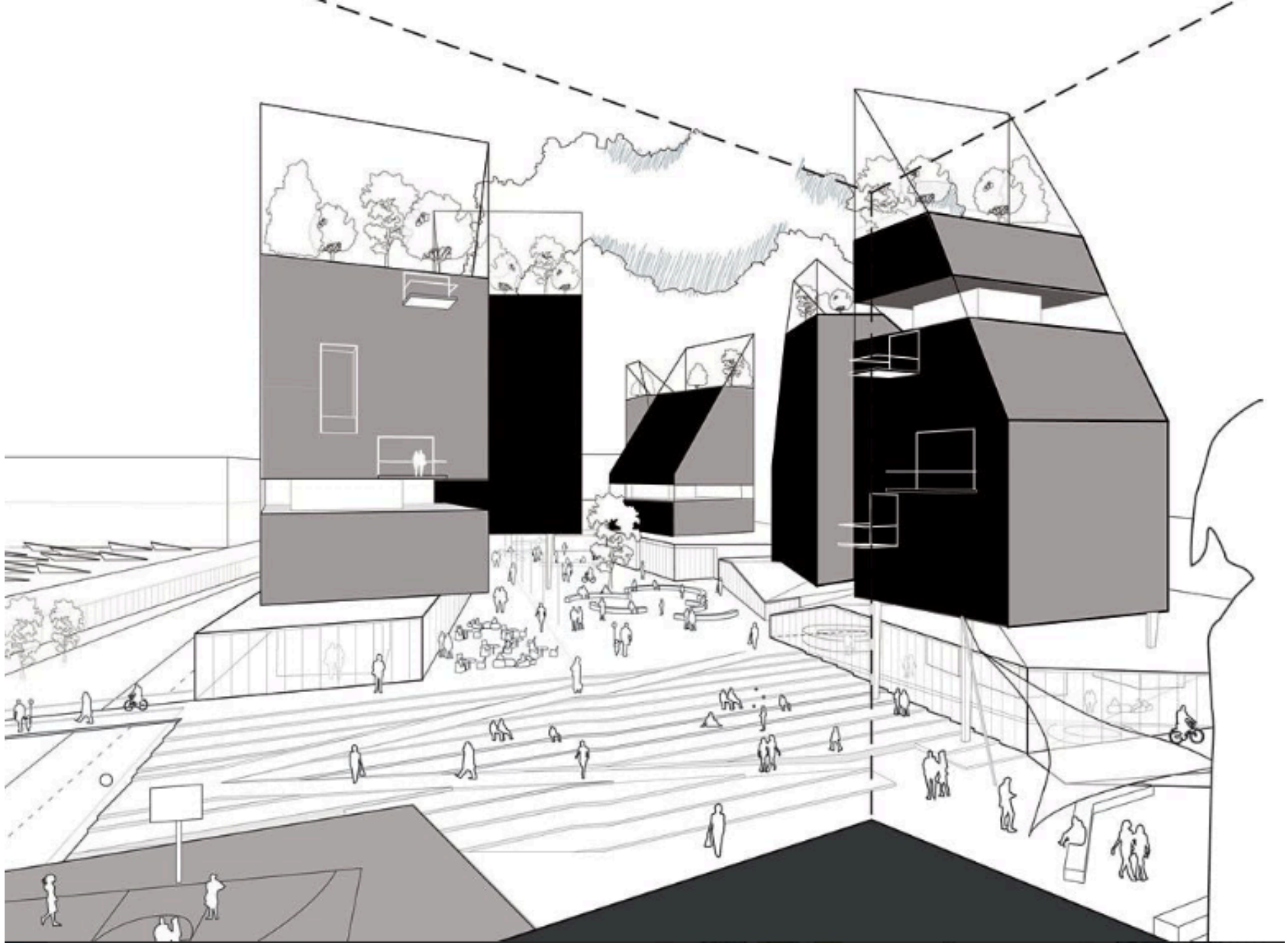
Sheltered Winter Microclimates

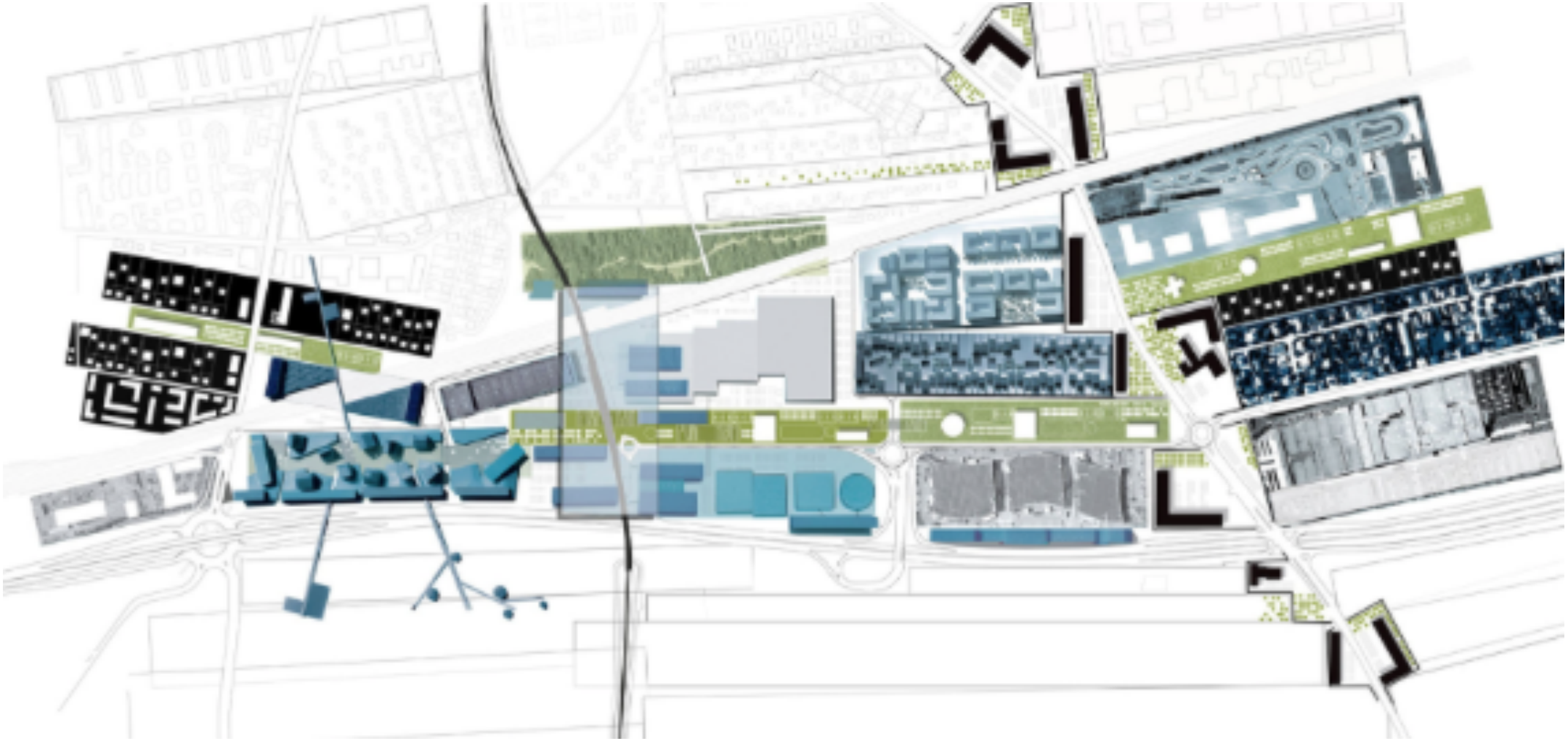
Cool Summer Microclimates

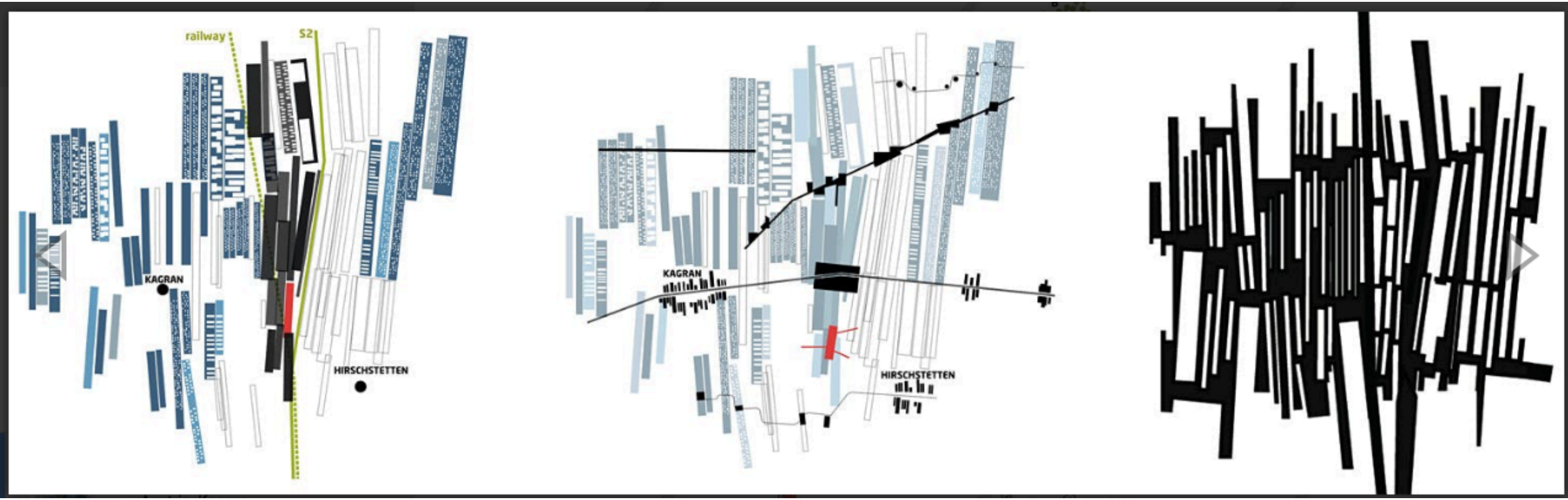
Hard and Soft Edges

Sediment Harvesting

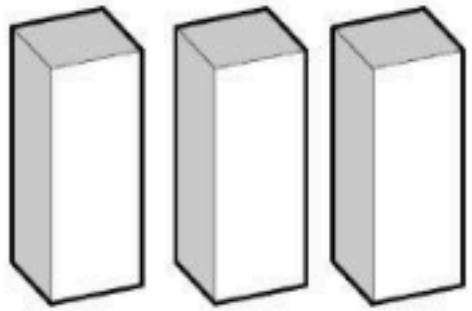
Stormwater Collection and Treatment



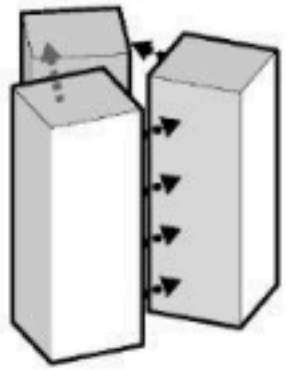



railway
S2
KAGRAN
HIRSCHSTETTEN
KAGRAN
HIRSCHSTETTEN

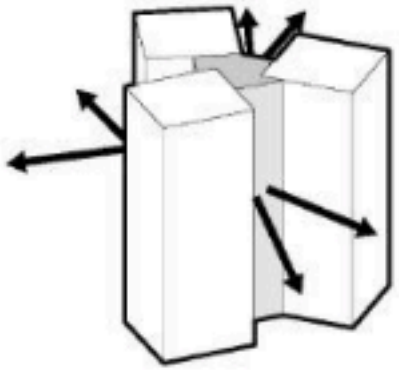

INTERSTITIAL SPACE
OBSERVE
MENTOR MENTEE
LOUNGE
VIEW
CELEBRATE
COLLABORATE
ESSENTIAL VOID
CONNECT
SELF STUDY
LAN GAMING
CREATIVE ZONE
DISPLAY
CHILL OUT
DISCOURSE
ENERGISE
RE-INVENT
INNOVATE
Panoramic View
Discuss
Meet
Lecture
Incubate
Observe
Mentor
Self Study
Surf
Absorb
Relax
Celebrate
Collaborate
Lounge
Invent
Craft
Discover
Create
Scrutinize
Formulate
Train
Fashion
Generate
Construct
Meditate
Soak Up
Discourse
Energise
Reinvent
Innovate



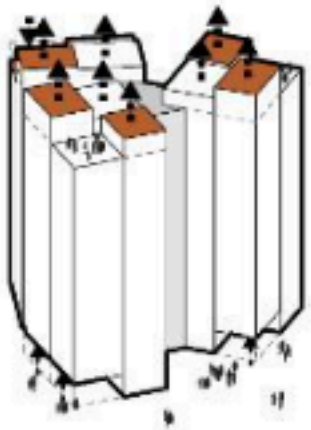
Programmatic area subdivided into smaller scale units



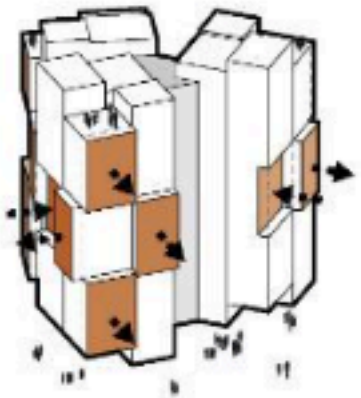
Three towers arranged around a shared centre



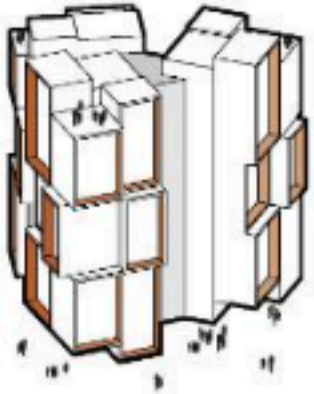
Views and visual connections to the surroundings



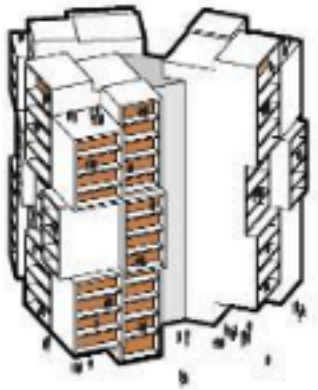
Volumes are pushed/pulled at ground and top



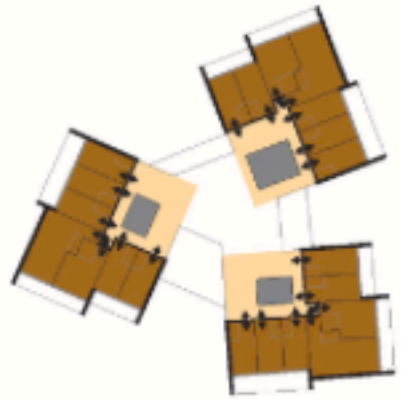
Shifting and rotating creates directions and surfaces



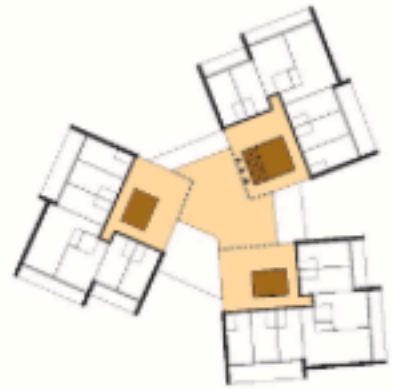
Frames and reliefs enhance shadowplay and texture



Rooms and balconies reveal activity and galleries a human scale



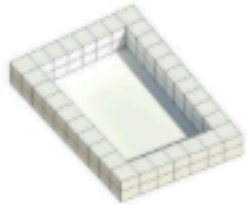
Rooms are clustered into three small-scale units



Shared common spaces in each unit and centre

All rooms and common areas have balconies and views

Transparency and sightlines

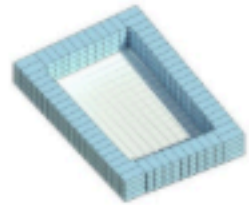


#1

multi family houses only

8730 m2

64 units 138 m2

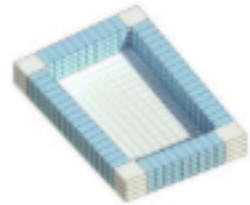


#2

single family houses only (4m)

8730 m2

60 units 137m2

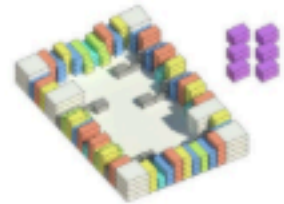


#3

changing to corner appartments to improve quality

8730 m2

14 small units (223)
52 big units (771)
66 units total



#4

diversify to fit requested unitmix

8274 m2 400 m2 to be added

29 small units (680)
26 middle units (563)
17 big units (542)

72 units total

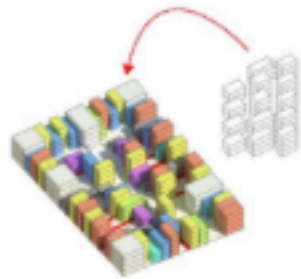
#5

creating gaps for private access to courtyardunits

7164 m2 1559 m2 to be added

29 small units (385)
27 middle units (343)
19 big units (243)

75 units total



#6

filling up courtyard with missing units

8722 m2

29 small units (385)
27 middle units (343)
19 big units (243)

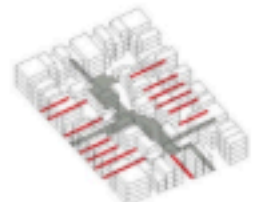
75 units total

#7

individual gardenspace

1403m2

58 units with garden 20m2

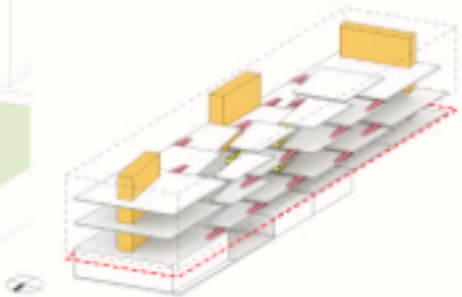


#8

private and public access

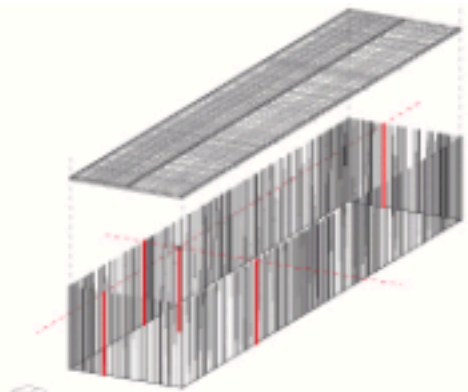
LANDSCAPE

COLUMNS INSIDE CREATE A CONTINUATION OF THE PARK AND THE GRASS IS LIFTED UP CREATING A HILL SUPPORTING THE BUILDING



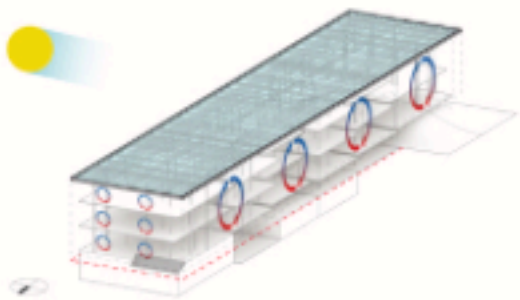
INTERIOR SPACE

PLATFORMS ARE CONNECTED BY RAMPS, A CENTRAL STAIR AND 3 CORES



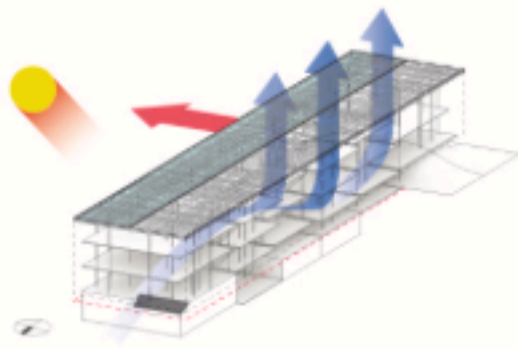
STRUCTURE

AN APPARENT RANDOM DISPOSITION THAT CREATE A "HOOD EFFECT" IS RATIONALLY COORDINATED BY ALIGNED COLUMNS



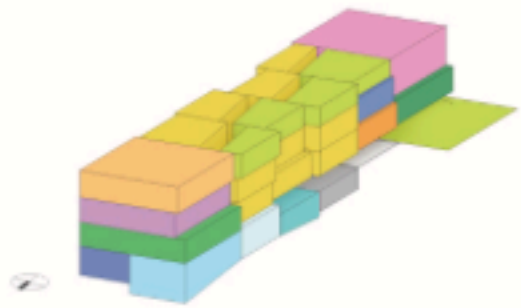
SUMMER

EVERY SPACES IS IN COMMUNICATION WITH THE OTHERS IN ORDER TO MAXIMIZE AIR FLOW AND HEAT DISPERSION



WINTER

EACH SLAB IS A "MICROCLIME" TO MAXIMIZE HOT AIRRECYCLE



PROGRAM

THE LIBRARY COLLECTION IS IN THE CENTRE, THE OTHER ACTIVITIES ARE ON THE HEADS, CINEMA IS UNDERGROUND AND AT THE TOP ARE INTERIOR TERRACES

8 DEVELOPMENT PRINCIPLES

SENSITIVITY

DIVERSITY

CONNECTIVITY

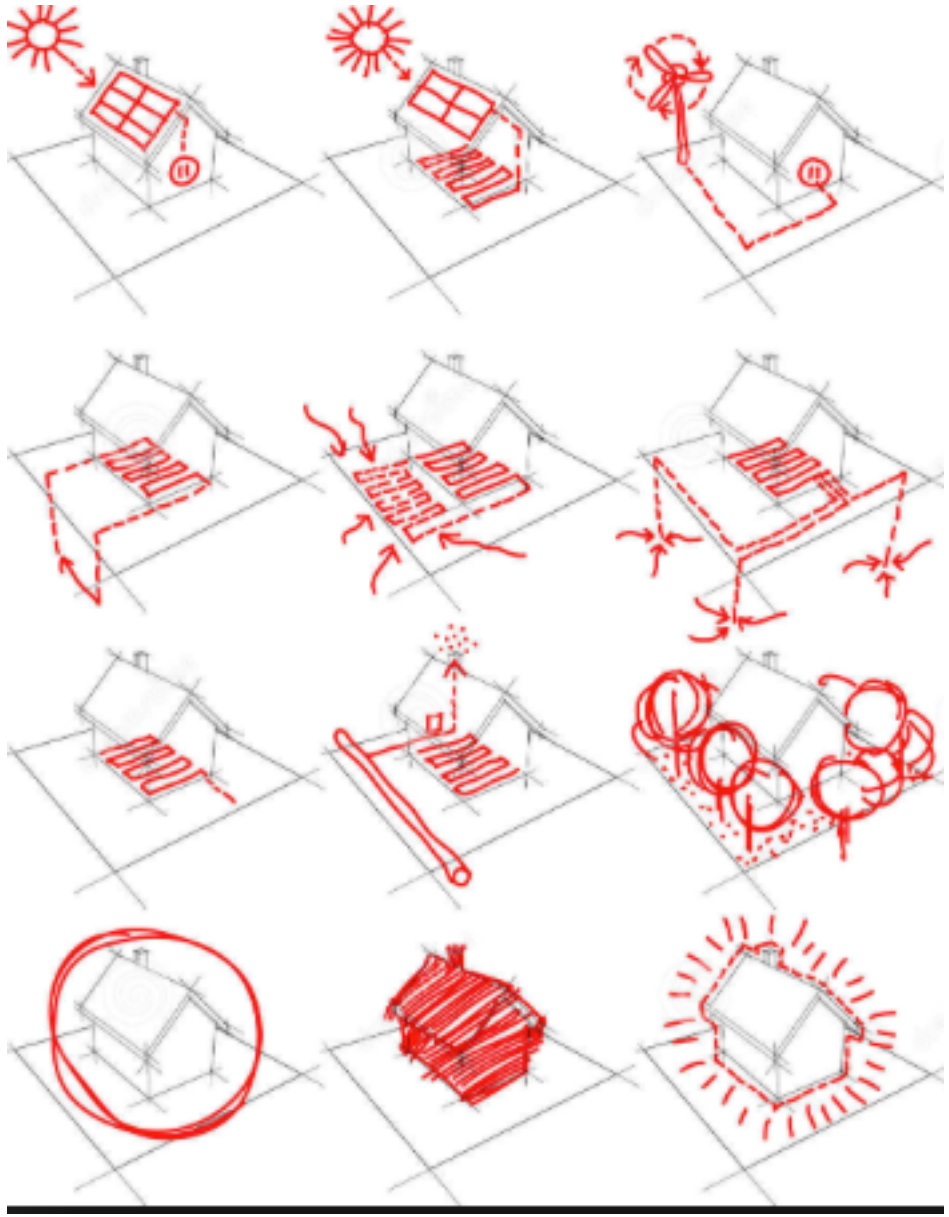
GREEN QUALITY

COMMUNITY

SUSTAINABILITY

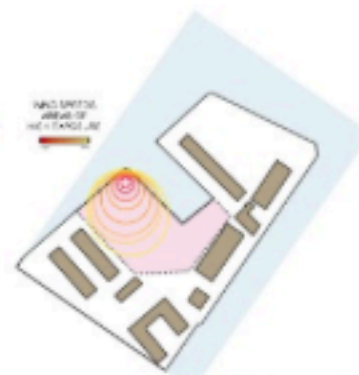
FLEXIBILITY

EFFICIENCY



dec. 2011: this mixed-use project utilized building volumes in order to create engaging outdoor spaces: partial residential use was required. i chose to create a residential and commercial development centered around its ability to be a shared public space. with both enclosed and open courtyard and boardwalk spaces, residents and guests alike might would enjoy the harborwalk and groundfloor restaurants and shops. many similar examples exist in copenhagen today.

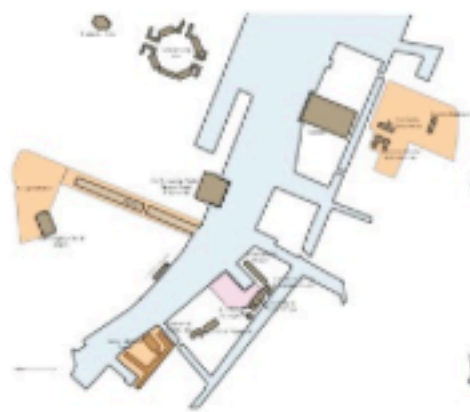
site circulation.



wind intensity.

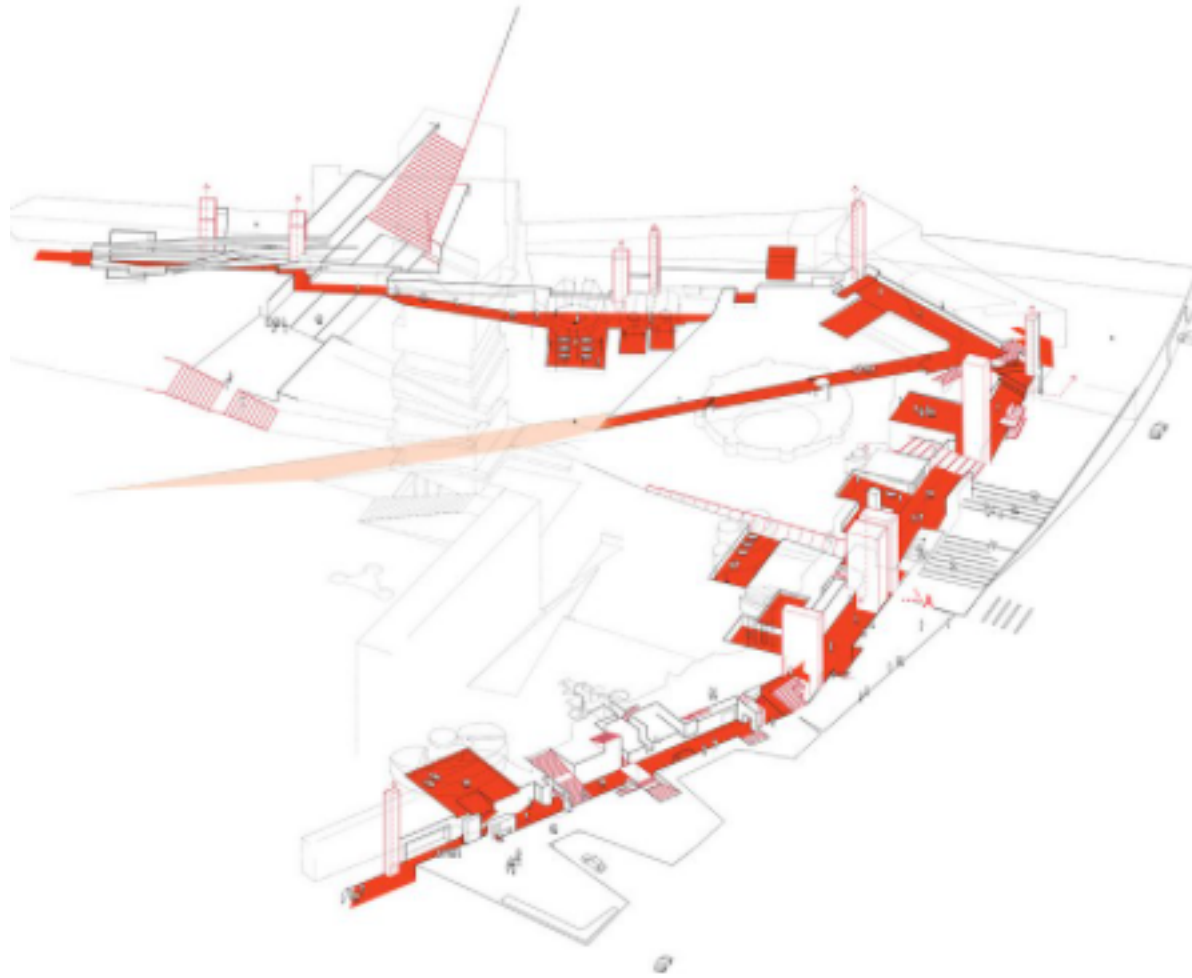
space vs. volume.

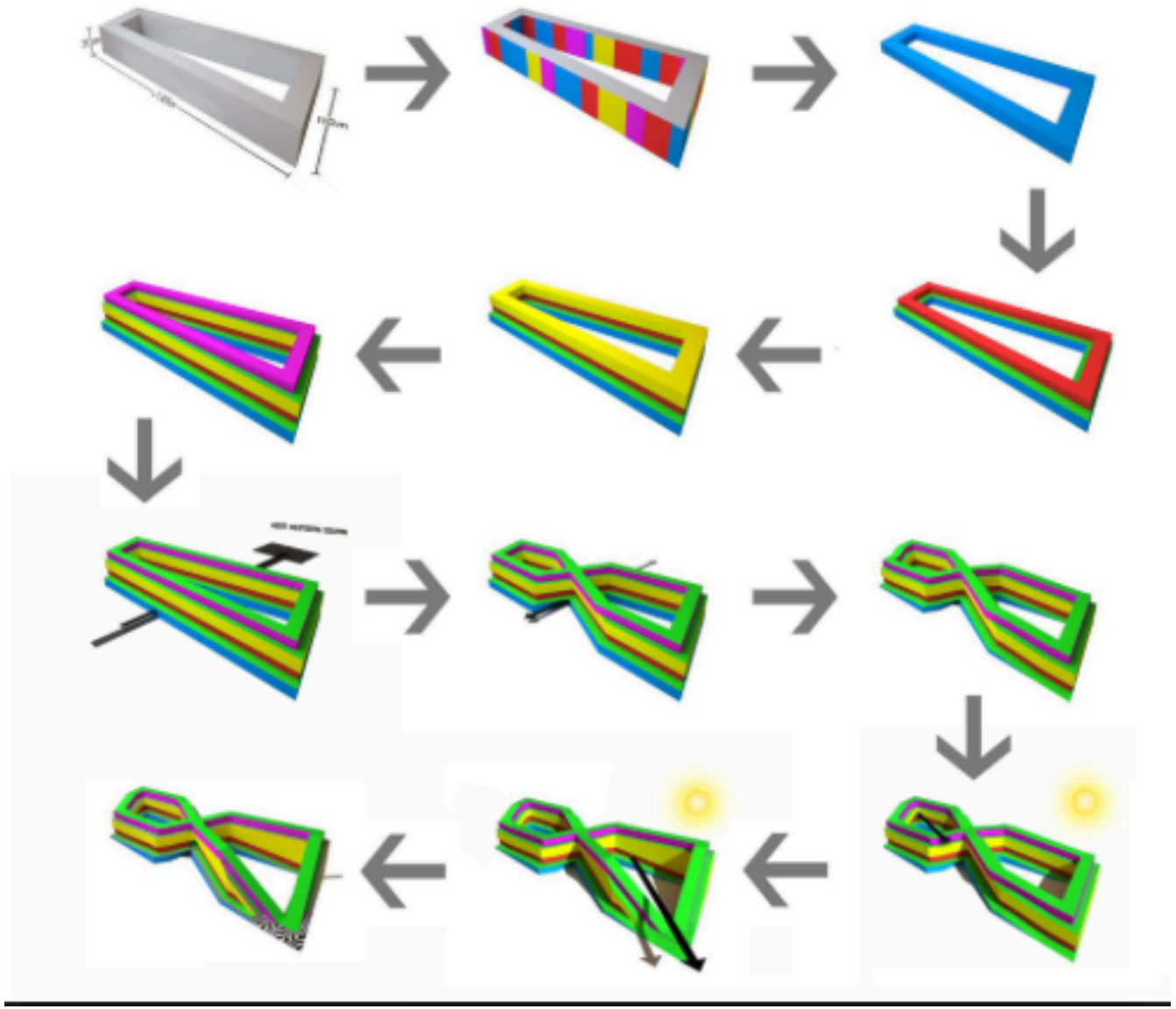
green space: lacking in area.

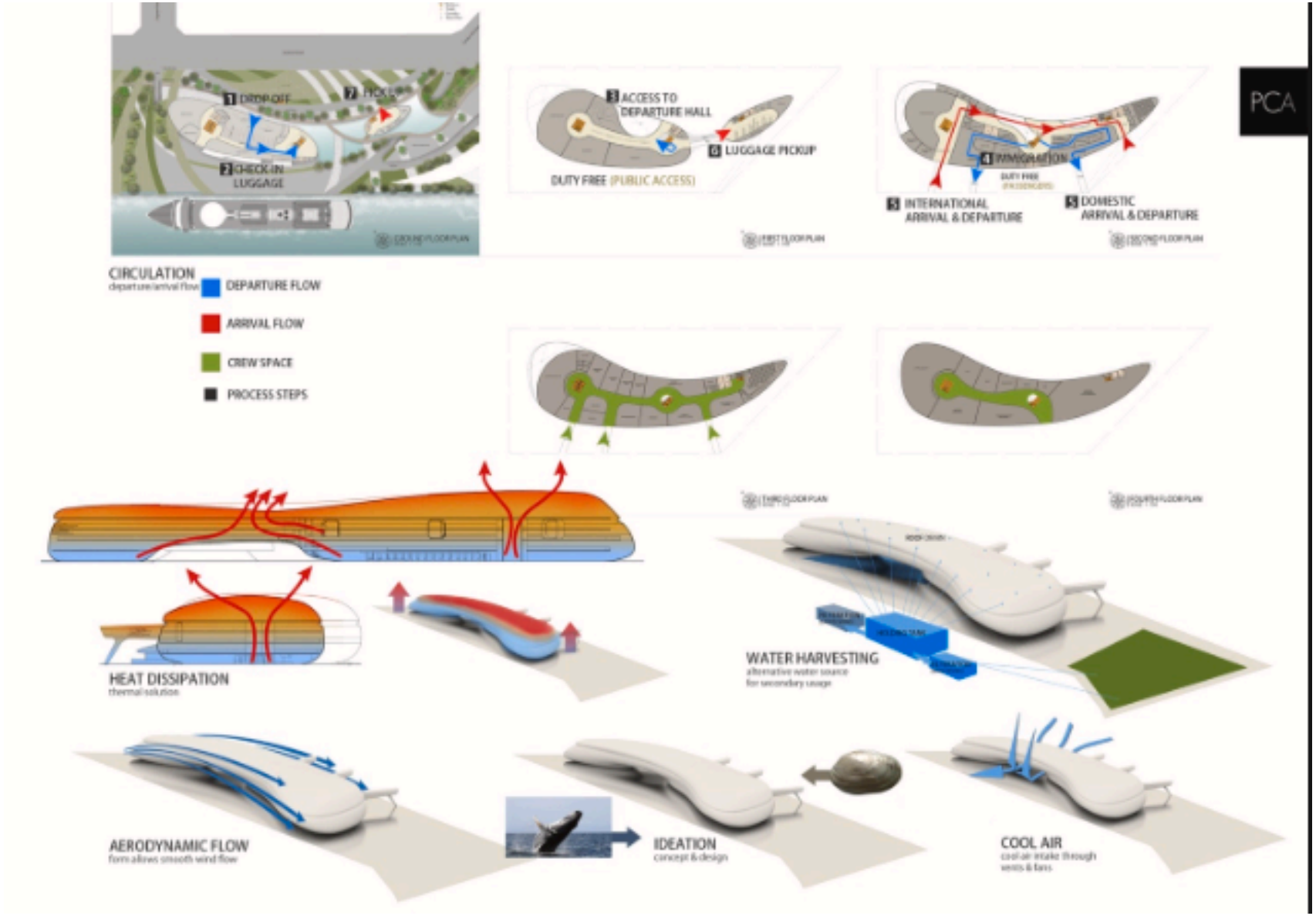


cultural amenities: abundant in area.

integral & cultural views include the new opera house, royal danish theatre, and customs house.





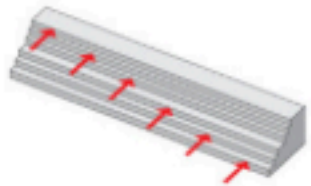

1 DROP-OFF
2 CHECK-IN LUGGAGE
3 ACCESS TO DEPARTURE HALL
6 LUGGAGE PICKUP
DUTY FREE (PUBLIC ACCESS)
4 IMMIGRATION
5 INTERNATIONAL ARRIVAL & DEPARTURE
5 DOMESTIC ARRIVAL & DEPARTURE
CIRCULATION
departure/arrival flow
DEPARTURE FLOW
ARRIVAL FLOW
CREW SPACE
PROCESS STEPS
HEAT DISSIPATION
thermal solution
WATER HARVESTING
alternative water source
for secondary usage
AERODYNAMIC FLOW
form allows smooth wind flow
IDEATION
concept & design
COOL AIR
cool air intake through
vents & fans

The Building as Terraced Landscape

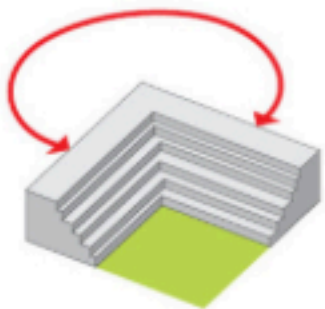
Using typical building methods, a single story hospital extends over a large area. To move from one point to another, patients and doctors have to go outside.

Using an isolated foundation, we can build upwards. By stacking several levels, the different departments of the hospital are connected internally. This is more hygenic, but also more secure. Additionally, a taller building can enjoy improved views, natural lighting, and cleaner air.

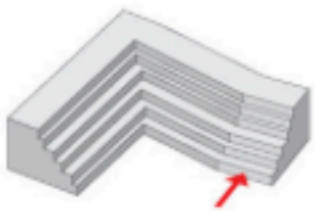
Stretching the block creates a narrow floor plate to improve natural lighting and ventilation.



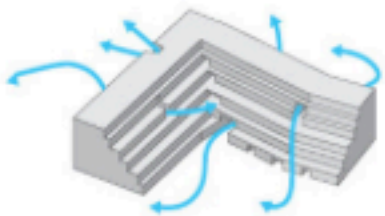
Stepping the floorplates allows us to dedicate more technical space on the lower levels, while improving views and natural ventilation for the wards above.



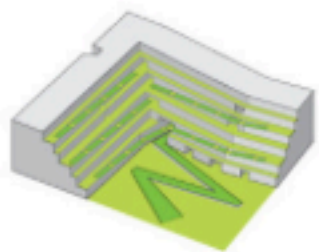
Folding the volume creates a sheltered interior garden. Additionally, one wing can take advantage of cross ventilation, while the other is oriented to make the most of solar radiation.



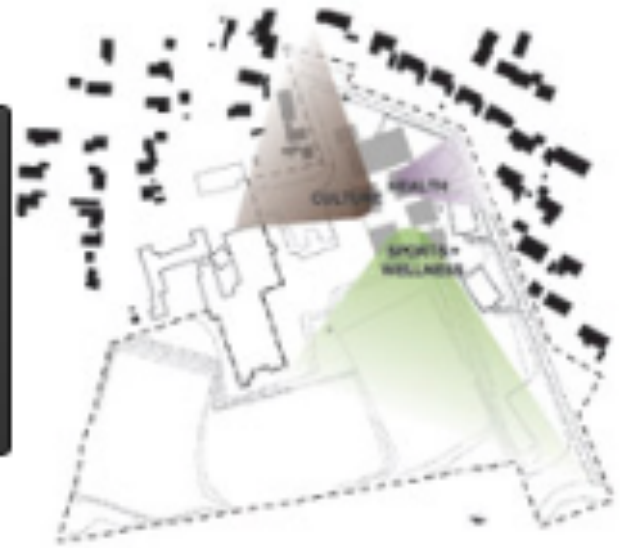
Bending one wing creates shorter corridors while producing more diverse views.

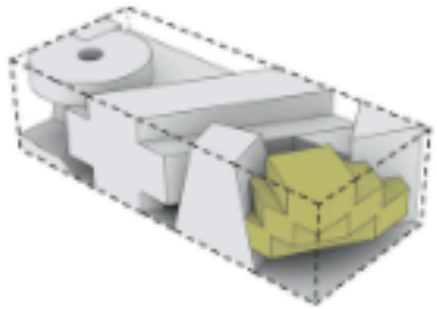


Large voids in the building massing create external waiting areas while improving natural ventilation.

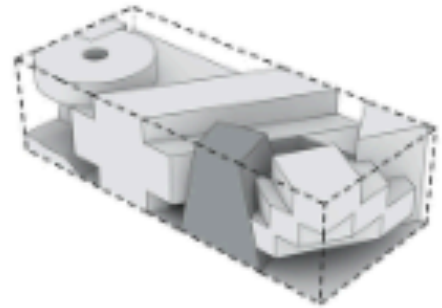


Finally, the landscape is reintroduced as exterior vertical circulation, introducing views of nature while creating a pedestrian walkway for patients and hospital staff.

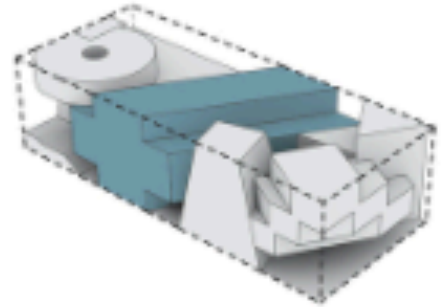

CULTURE
HEALTH
SPORTS+
WELLNESS

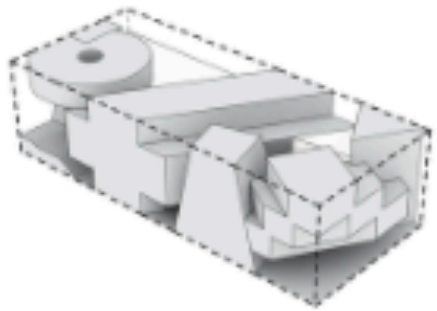
THINKZONE



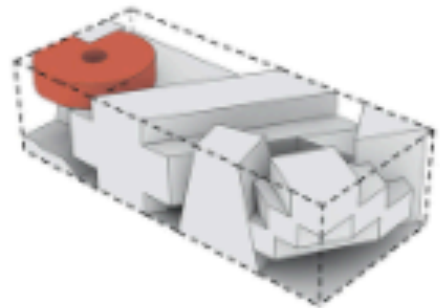
FOODZONE



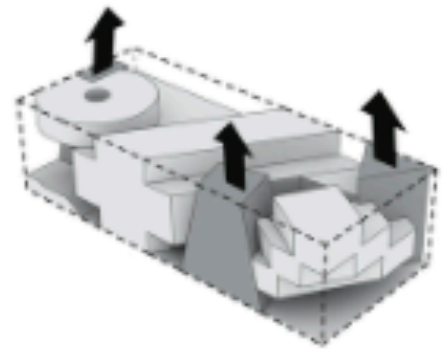
PERFORMANCEZONE



PULSZONE

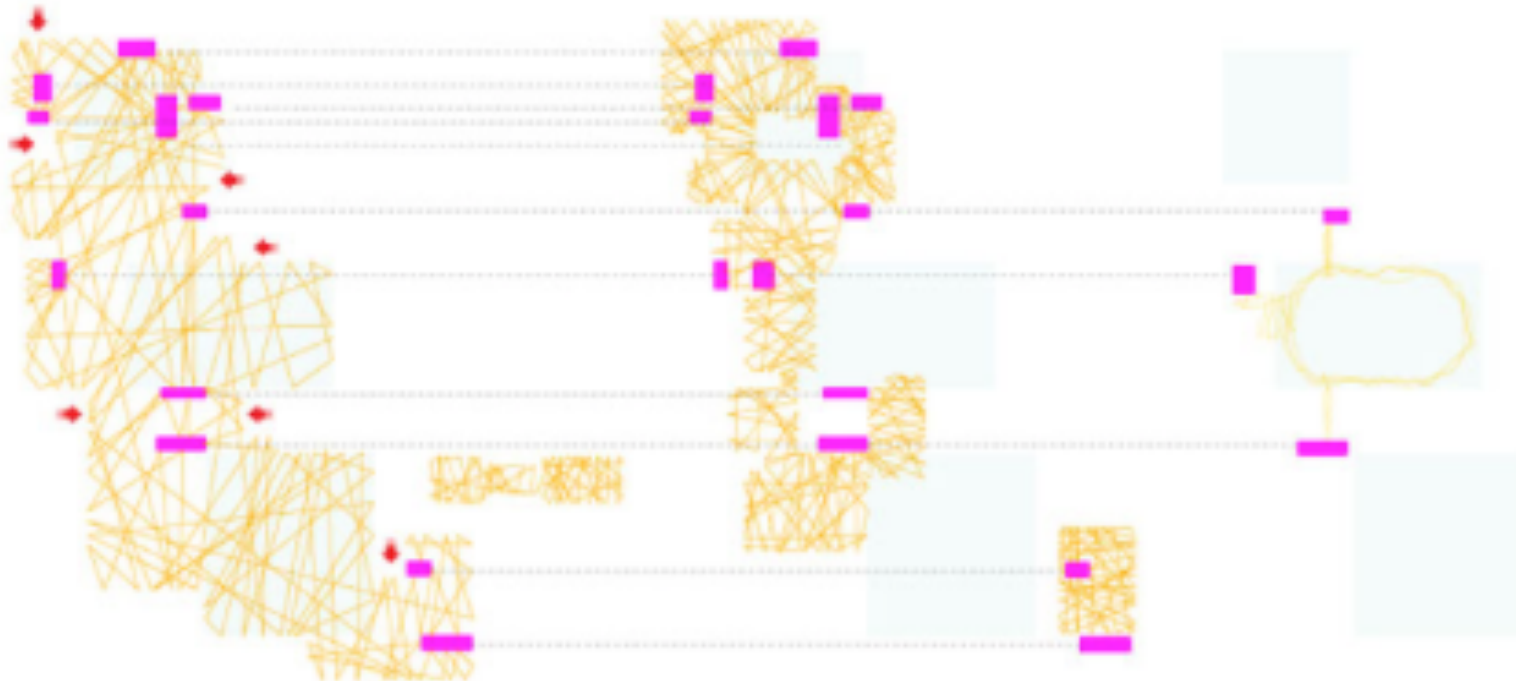


ZENZONE



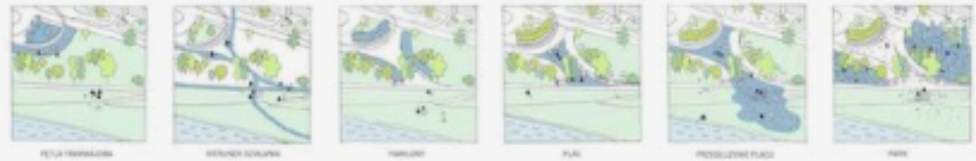
VERTICAL FLOW


LOBBY
READING
LIBRARY
ADMIN
GATHERING
DAYCARE
PUBLIC
FITNESS
GYM
SERVICES
CHANGE
ROOMS
CHANGE
ROOMS
WELLNESS
CLINIC
AREA

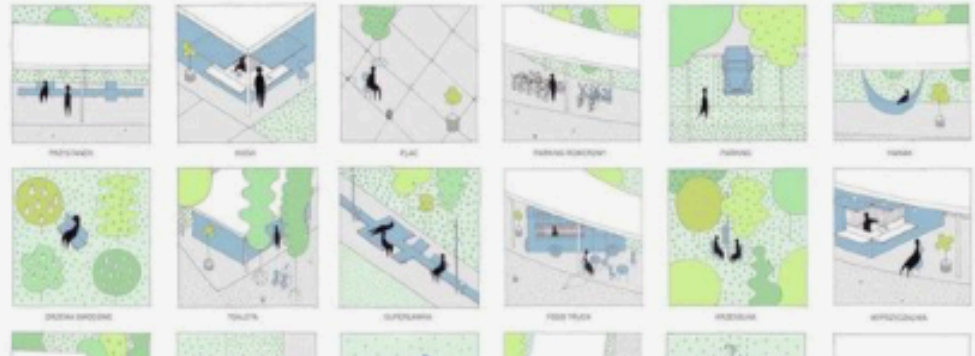


WIDOK AKSONOMETRYCZNY

SCHEMATY KONCEPCYJNE

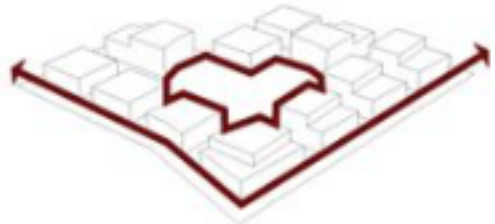


PROGRAM



SCENARIUSZE FUNKCJONOWANIA PLACU


0 1 2 4 5 10 mts



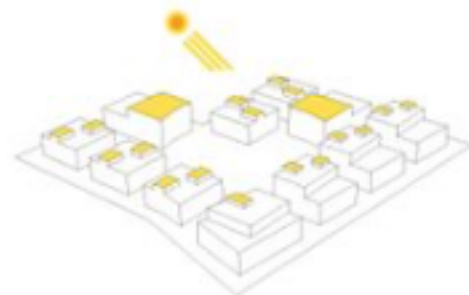
1.URBAN ENVIRONMENT/DENSITY

2.MAXIMIZE GREEN AREA
GARDEN/PATIO/TERRASSES

3.STACK EFFECT VENTILATION

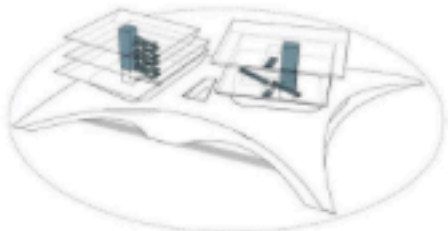
4.WATER RECOLLECTION/REUSE

5.PASSIVE SOLAR PROTECTION

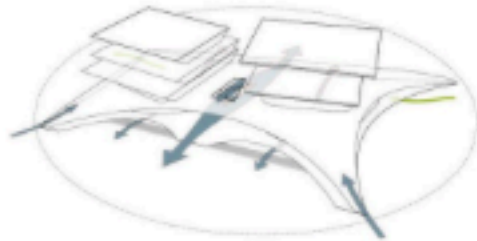


6.ROOFTOP SOLAR ENERGY

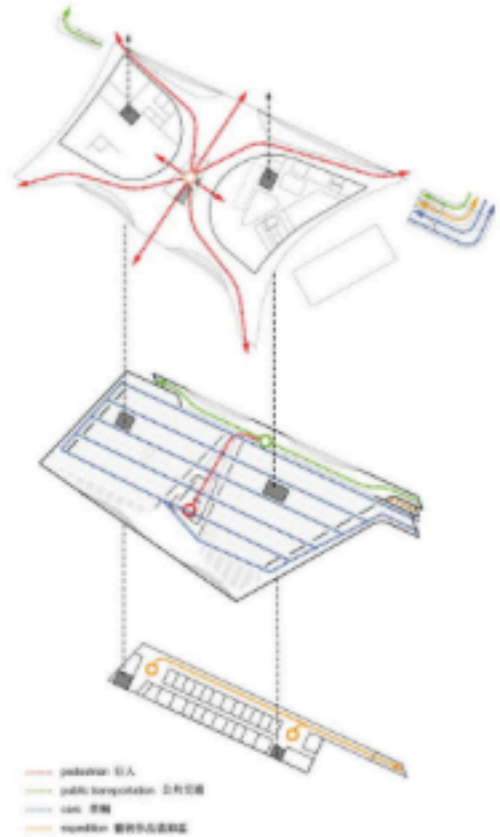
INTERNAL CIRCULATION
内部流通



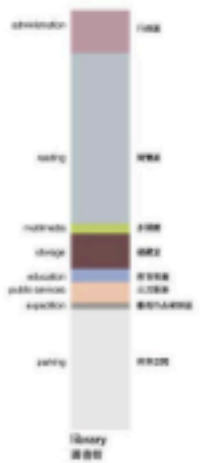
EXTERNAL CIRCULATION
外部流通

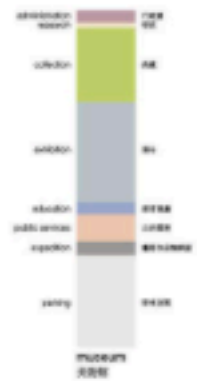


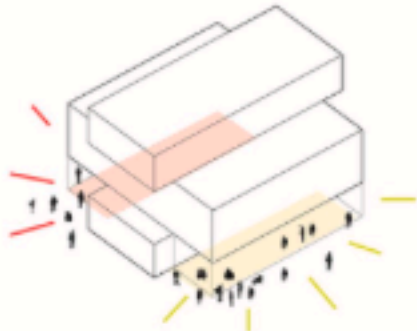
SITE EMBEDDING AND TRAFFIC FLOWS
建址植入與交通流動



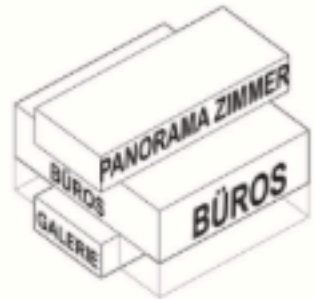
PROGRAMME
項目細則



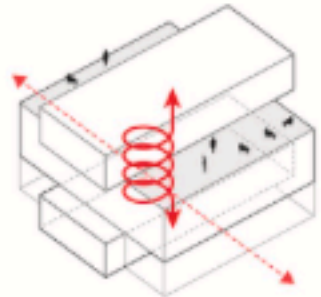




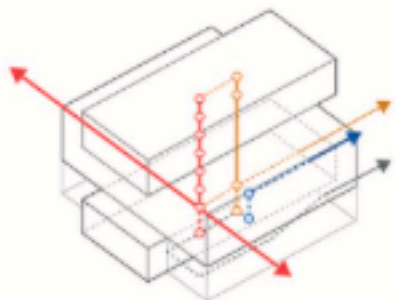
STRONG CONECTION WITH
PUBLIC SPACE



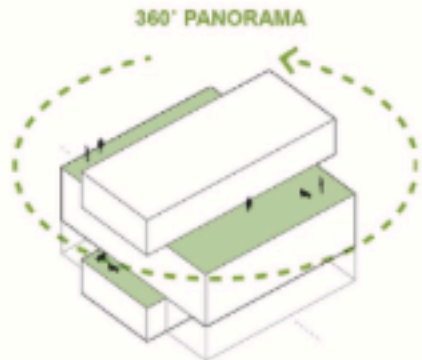
CLEAR PROGRAMMATIC
IDENTITY



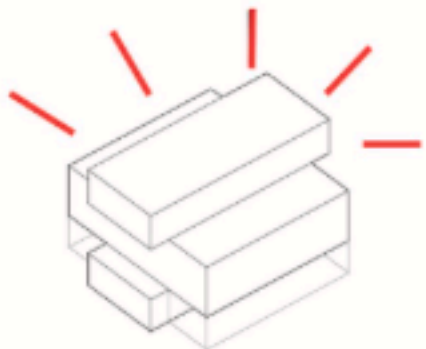
VERTICAL CONNECTION
ACTIVE COMMUNICATION



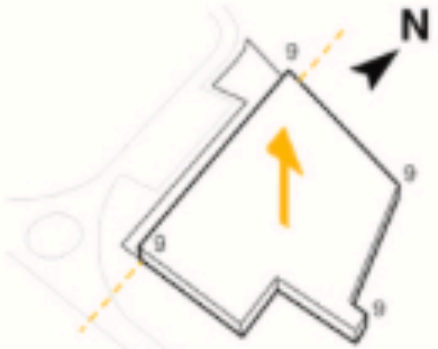
SEPARATE ORGANISATION
PROGRAM



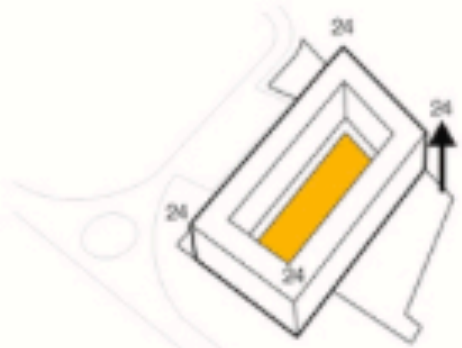
GENEROUS TERACES



STRONG IDENTITY FOR
KUNST-CAMPUS



SATURAZIONE LOTTO
edificando tutta la superficie disponibile si ottiene un volume di 3 piani.

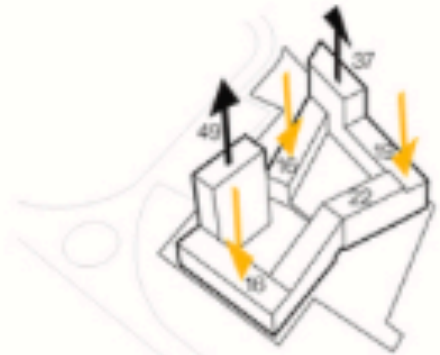


EDIFICIO A CORTE
la tipologia a corte, alta 8 piani, delimita uno spazio interno introverso.

VARIAZIONE VOLUMETRICA
la compressione del volume a corte genera 2 nuovi spazi che dialogano col contesto.

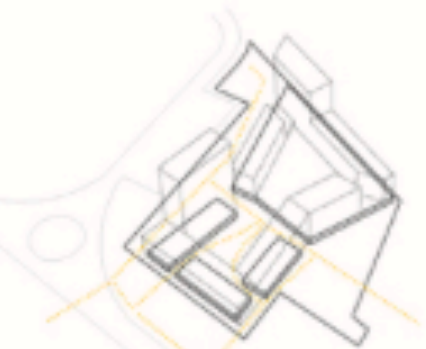
INNALZAMENTO CORTE INTERNA
parte della corte si alza di un livello e crea 2 spazi distinti.

PERMEABILITA' EDIFICIO
l'edificio viene diviso e si crea una permeabilità interno-esterno.



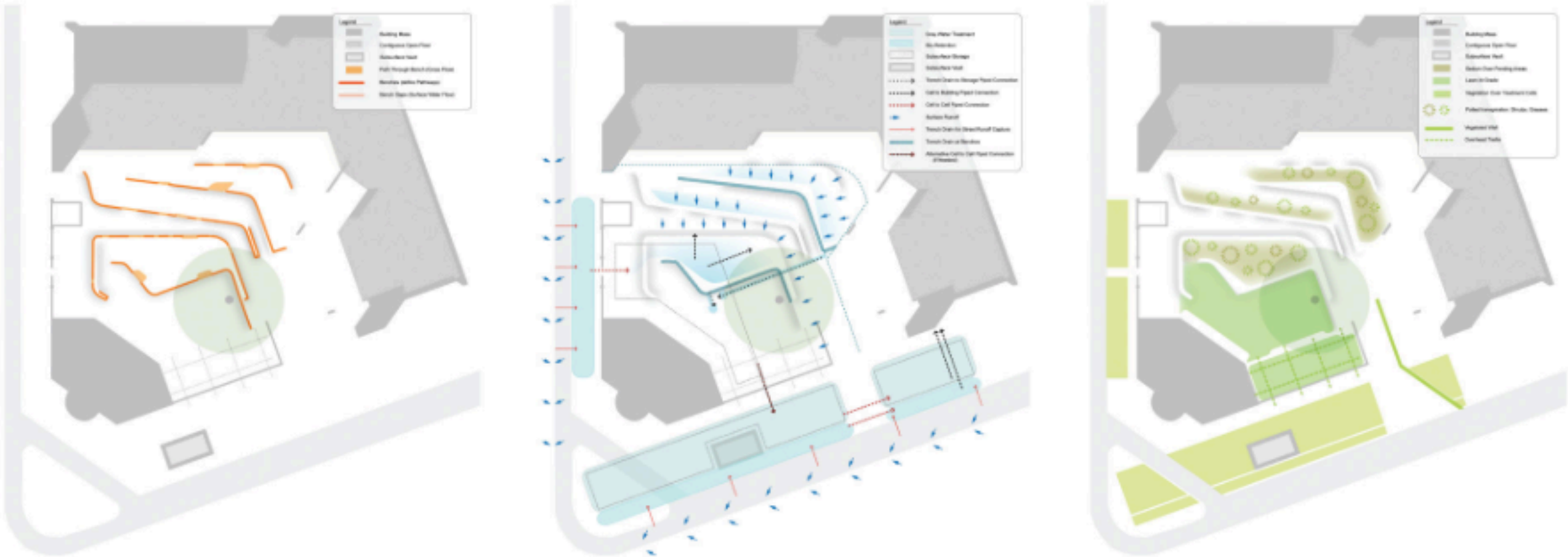
VARIAZIONE DI ALTEZZE
l'esposizione solare e il contesto guidano le variazioni volumetriche dell'edificio.

VISUALI DALLA CORTE RIALZATA
i tagli nell'edificio consentono di avere differenti scorci dalla corte condominiale.



PERMEABILITA' PIANO TERRA
i passaggi pedonali favoriscono il rapporto col contesto circostante.

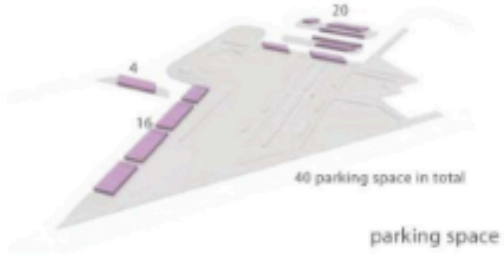
Design Diagrams



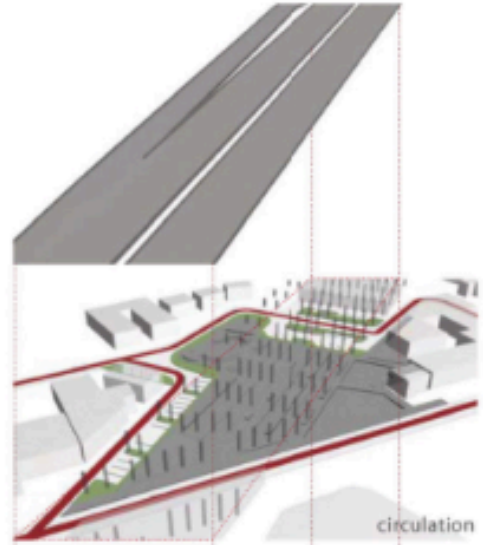
AIA Headquarters, Boston, MA; analysis diagrams.

vehicle circulation

primary road



parking space

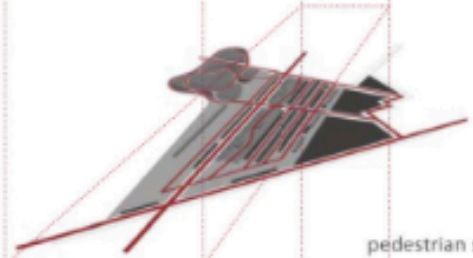


circulation

pedestrian circulation

primary path

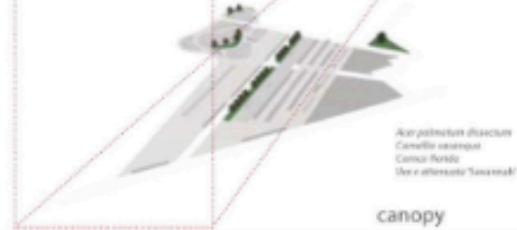
program



pedestrian space

vegetation

wet plant



canopy

Perkins Road Overpass, Baton Rouge, LA; site analysis.