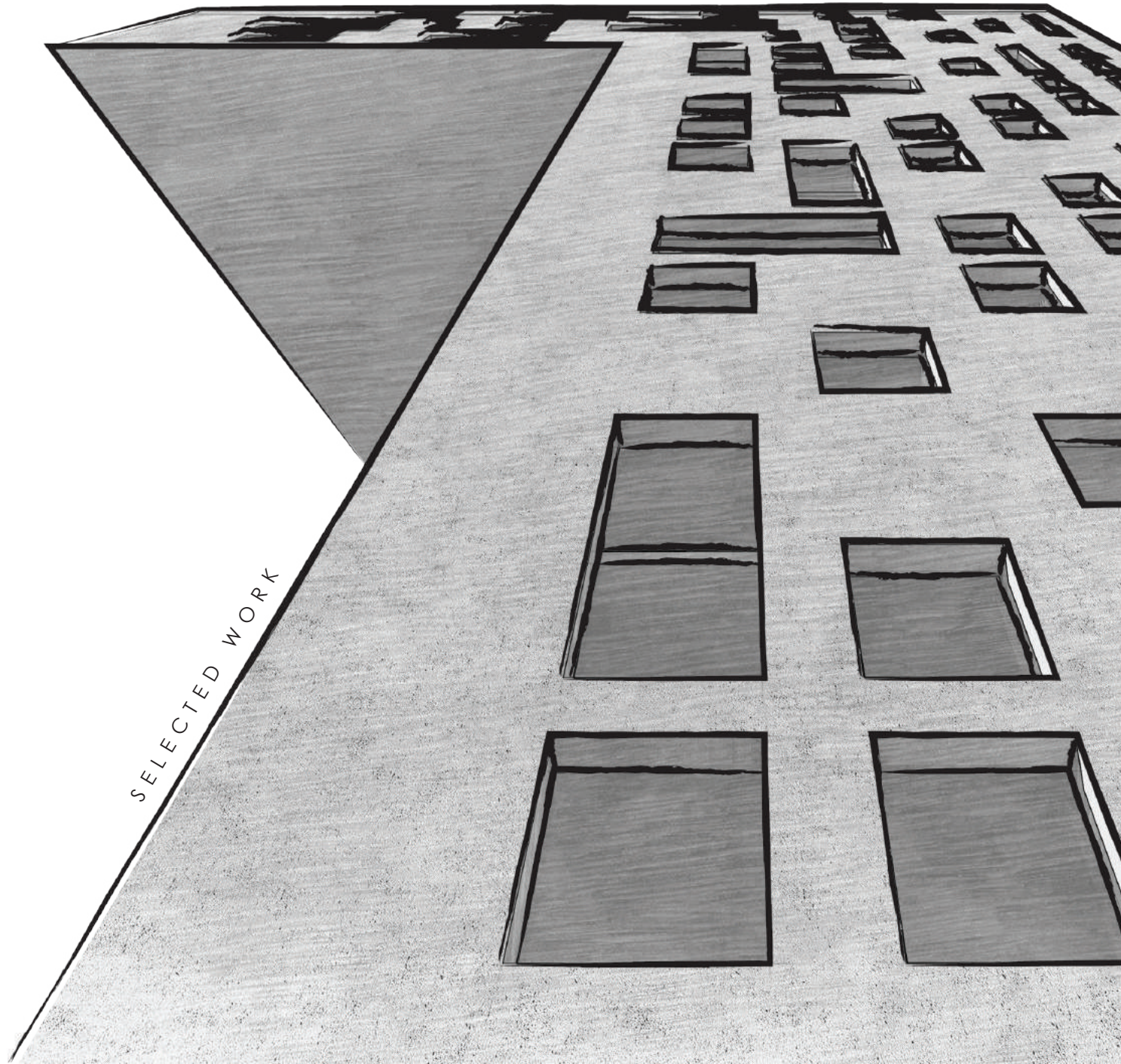


ABEER ABOU DARGHAM

P O R
T F O
L I O

SELECTED WORK



ABEER ABOU DARGHAM

SELECTED WORK

PERSONAL DATA

- _ NAME: ABEER ABOU DARGHAM
- _ NATIONALITY: LEBANESE
- _ EMAIL: ARA37@MAIL.AUB.EDU
- _ ADDRESS: KFARHIM, CHOUF, MOUNT LEBANON
- _ PHONE #: 71709173

EDUCATION

- _ BACHELOR IN ARCHITECTURE
(AMERICAN UNIVERSITY OF BEIRUT-2017- 2022)
- _ MINOR IN URBAN STUDIES
(AMERICAN UNIVERSITY OF BEIRUT-2017- 2022)

INFOGRAPHICS

- | | | | | | |
|---------------------|---|---|---|---|---|
| _ AUTO-CAD | ● | ● | ● | ● | ● |
| _ RHINOCEROS 3D | ● | ● | ● | ● | ● |
| _ LUMION | ● | ● | ● | ● | ● |
| _ ADOBE PHOTOSHOP | ● | ● | ● | ● | ● |
| _ ADOBE INDESIGN | ● | ● | ● | ● | ● |
| _ ADOBE ILLUSTRATOR | ● | ● | ● | ● | ● |

LANGUAGES

- _ ARABIC
- _ ENGLISH

ACTIVITIES

- _ DEAN'S HONOR LIST 2020 - 2021
- _ PARTICIPATED IN DAR[E] COMPETITION 2021
- _ PARTICIPATED IN THE ACSA HOUSING COMPETITION 2020
- _ MEMBER IN THE RED CROSS YOUTH SECTOR
- _ BUILT A WOODEN HOUSE AT SCALE 1/200
- _ SURVEYED A 150 YEAR OLD HOUSE IN BIETCHABEB, LEBANON

PROJECT 1

THE MONUMENT

TOWER

CHARLES HELO STATION, BEIRUT

PROJECT 2

ESCAPE THROUGH NATURE

JABAL MOUSSA

MCHATI VILLAGE

PROJECT 3

STACKSCAPE

SML LIBRARY

HAMRA STREET

PROJECT 4

STATUE MODIFICATION

BEIRUT, LEBANON

SEPERATE PROJECTS

THE MONUMENT

TOWER

CHARLES HELO STATION

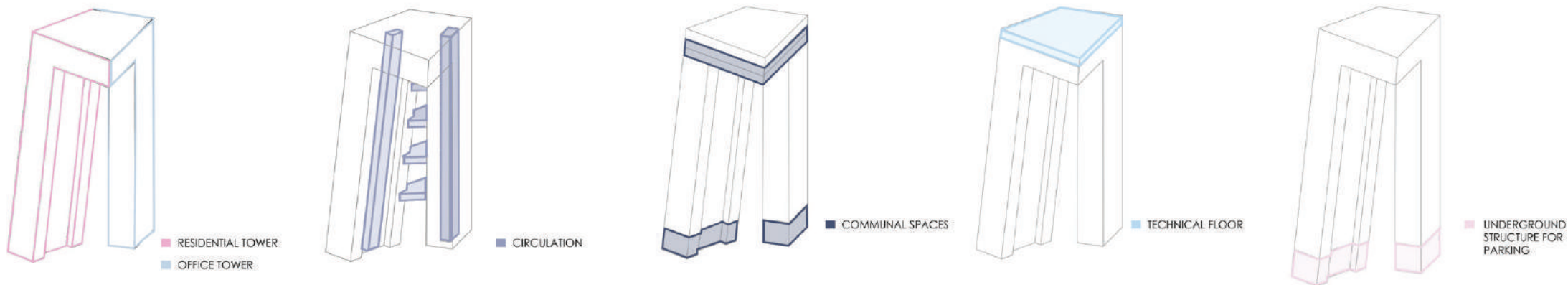
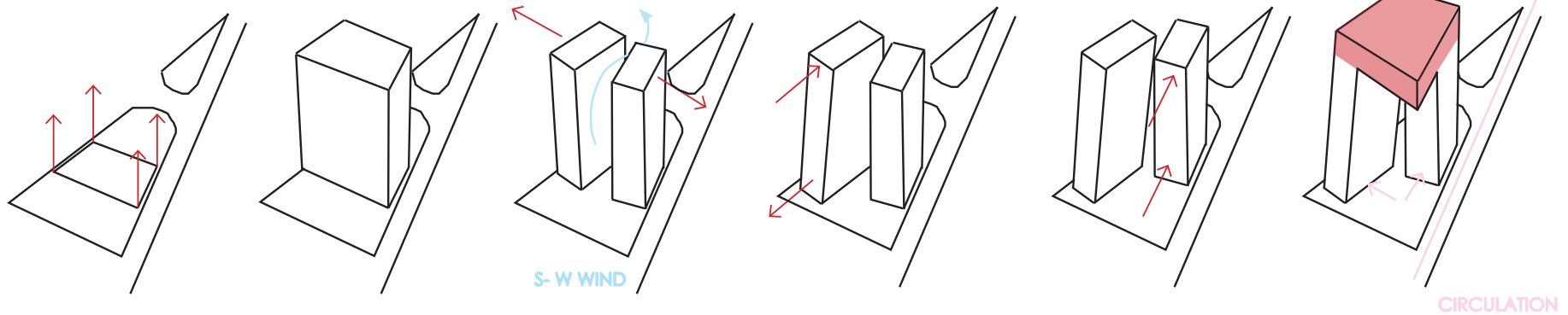
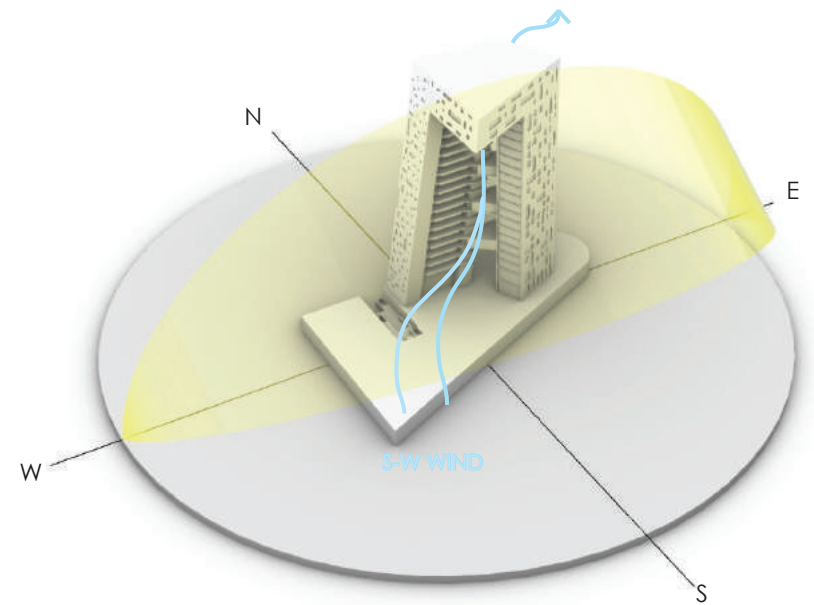
BEIRUT, LEBANON



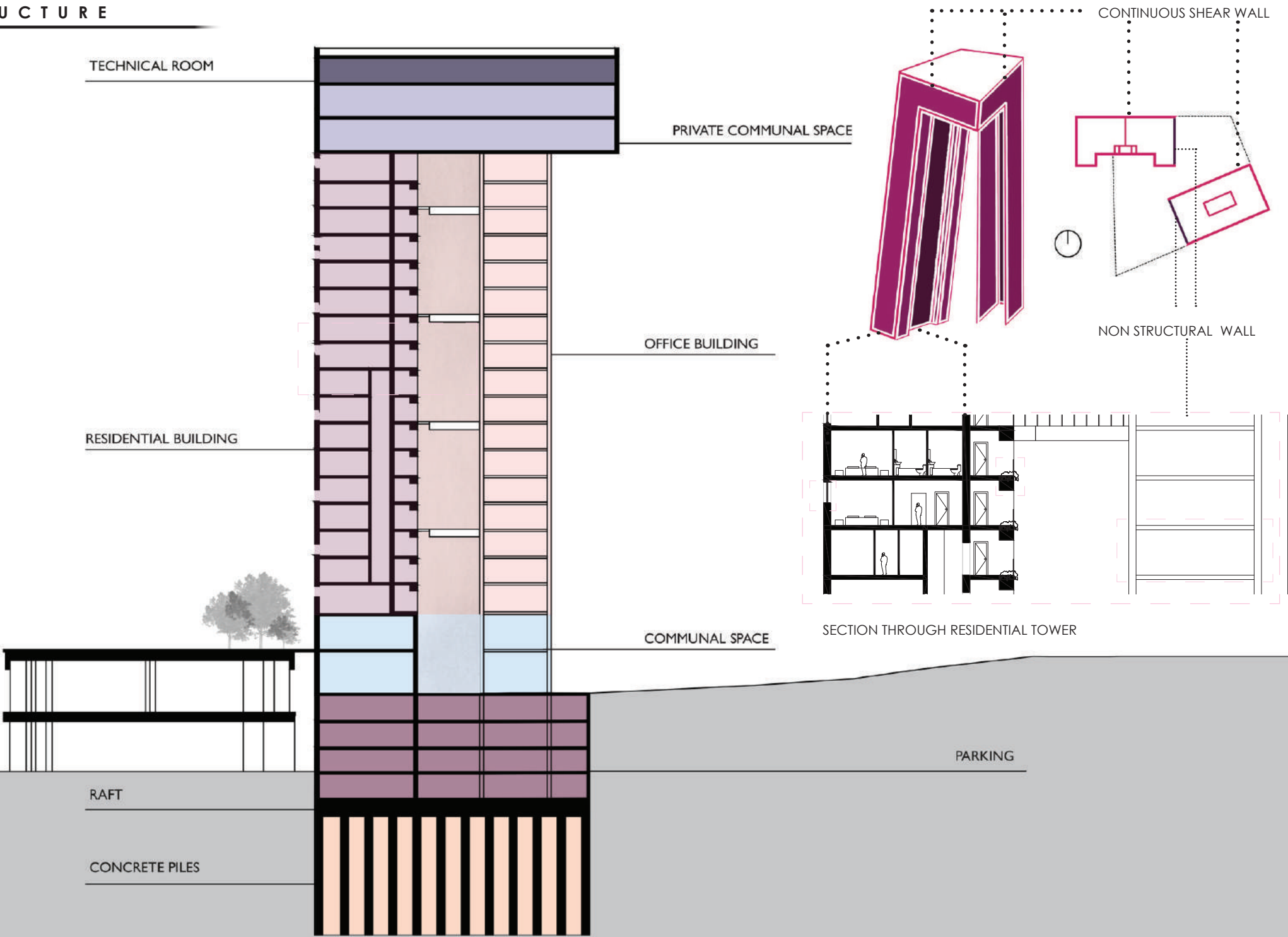


CONCEPT

INSPIRED FROM THE STANDING SILOS AFTER THE EXPLOSION, A LARGE WALL WAS ERECTED MIMICKING THE SILO'S STRENGTH. THE WALL WAS ADJUSTED ACCORDING TO THE SITE RESULTING IN TWO TOWERS ONE RESIDENTIAL AND OTHER OFFICES, CONNECTED WITH COMMUNAL SPACES ON TOP AND BETWEEN THE TWO TOWERS.

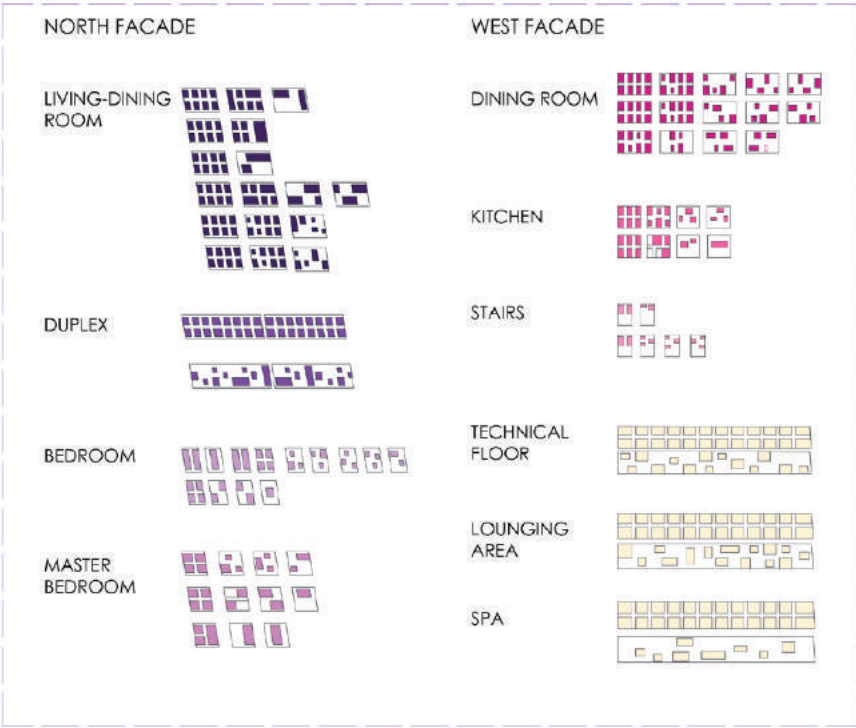


STRUCTURE

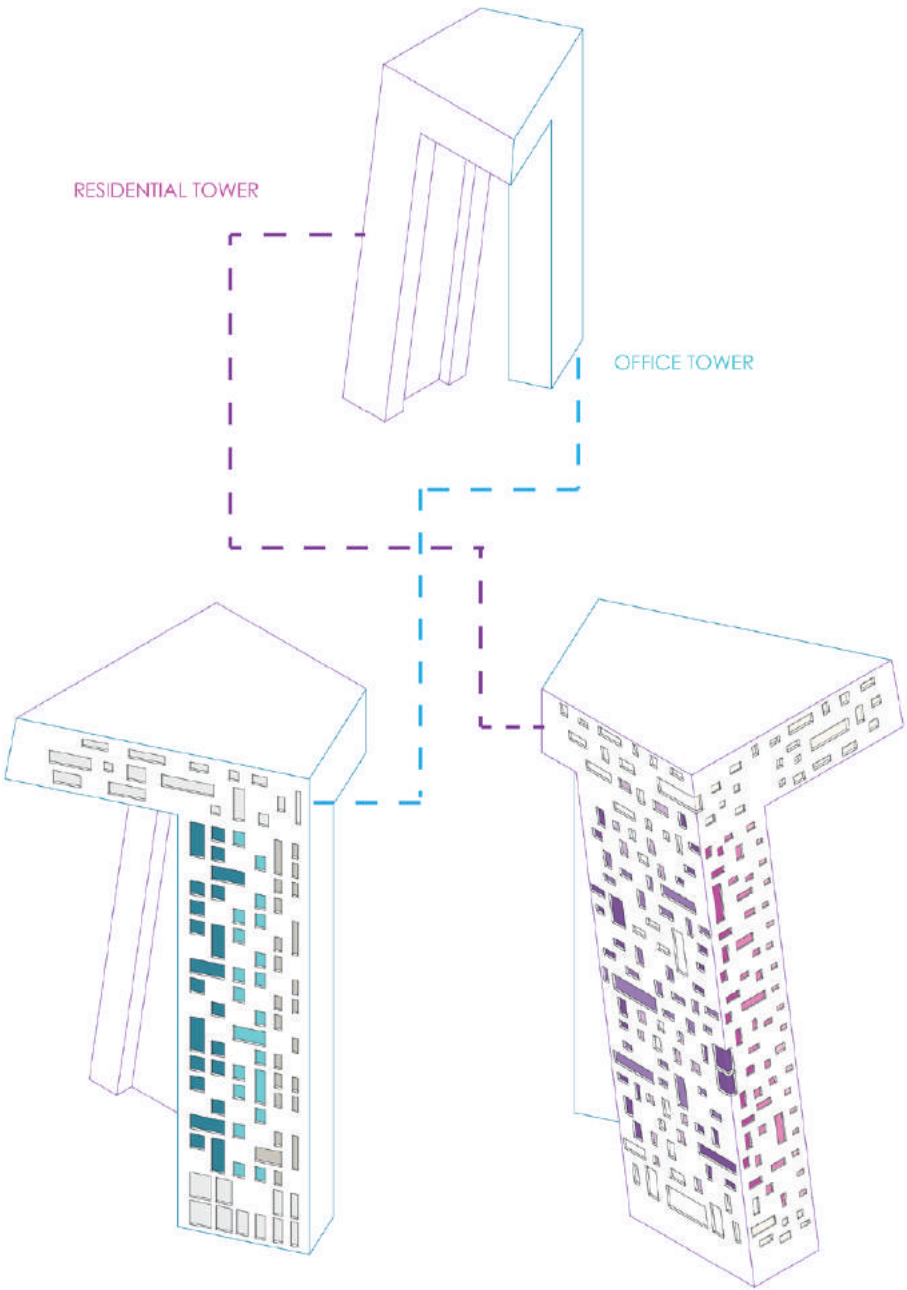
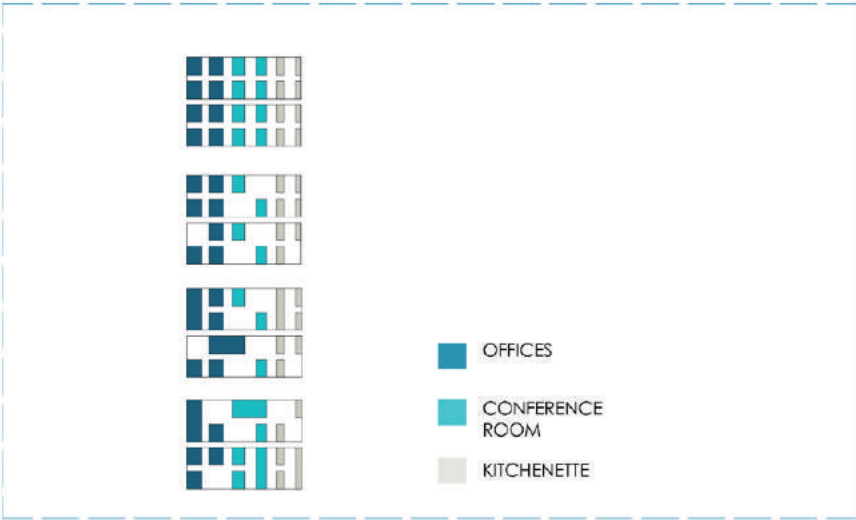


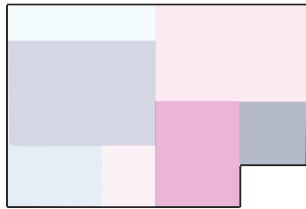
FACADE CONCEPT

RESIDENTIAL TOWER

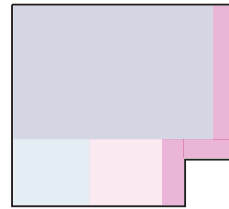


OFFICE TOWER

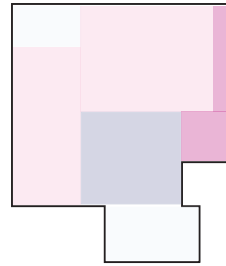




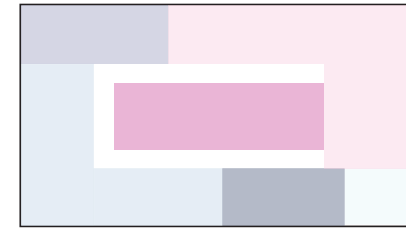
2 Bedroom
apartment



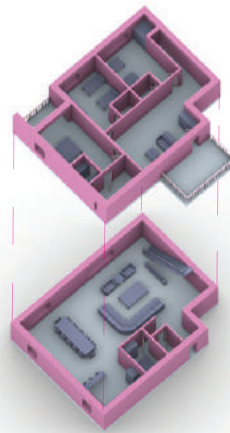
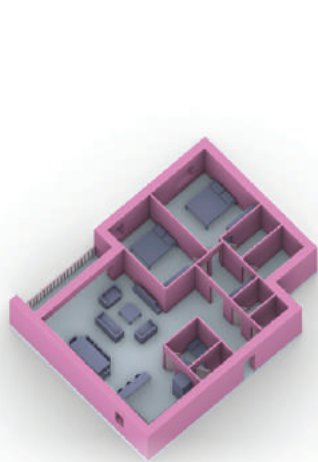
Duplex
level 1



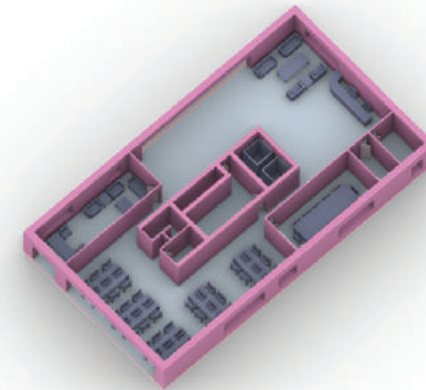
Duplex
level 2



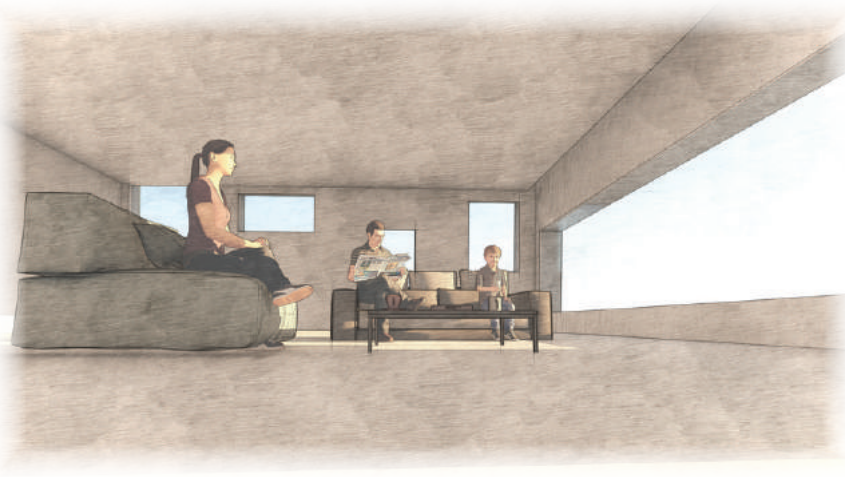
Offices



- Circulation
- Bedrooms
- Bathrooms
- Living room
- Kitchen
- Balconey



- Circulation
- Lobby
- Conference room
- Office
- Open offices
- Kitchenette + copy room



ESCAPE TO NATURE

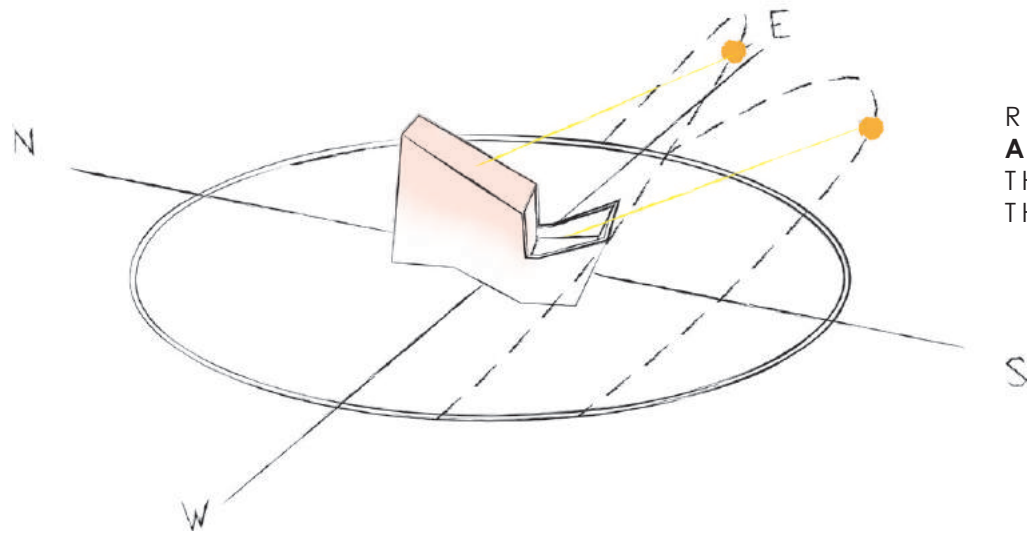
THERAPY HOUSE

JABAL MOUSSA, MCHATI VILLAGE



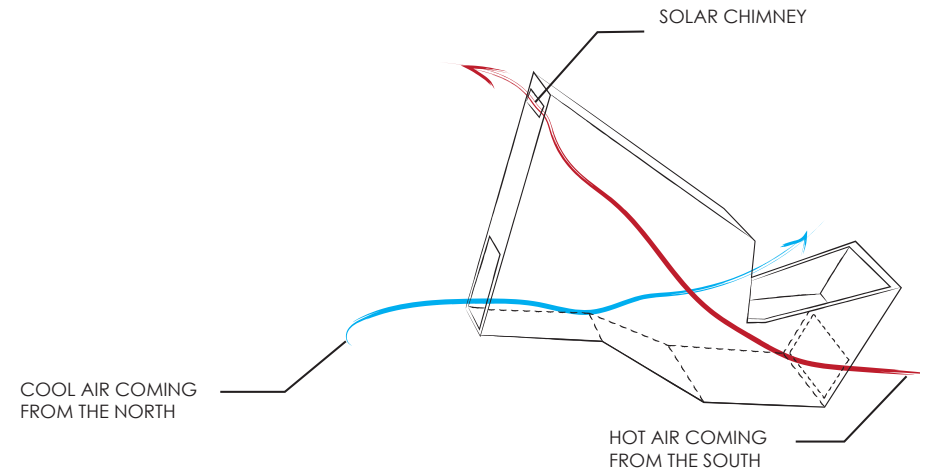


CONCEPT

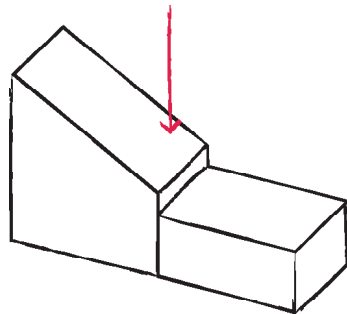
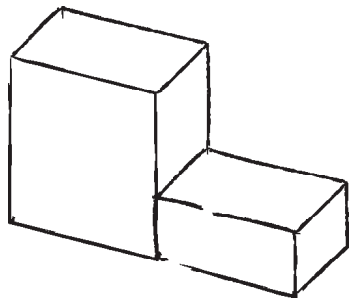


ROOFS ARE TILTED ACCORDING TO THE **SUN DIRECTION AND ANGLE IN SUMMER AND WINTER.** THE GREEN HOUSE EFFECT CREATED BY THE SUN WILL ALLOW THE UNIT TO ACT AS A **THERMAL MASS.**

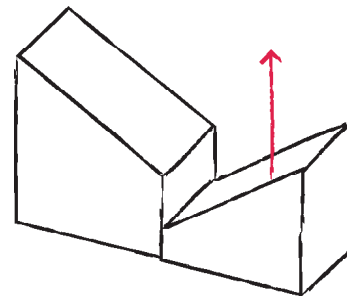
THE OPPENINGS IN THE THE UNIT ALLOW HOT AIR TO ENTER FROM THE SOUTH AND EXIST THROUGH **A SOLAR CHIMNEY**, THUS SUCKING IN THE COOL AIR COMING FROM THE NORTH.



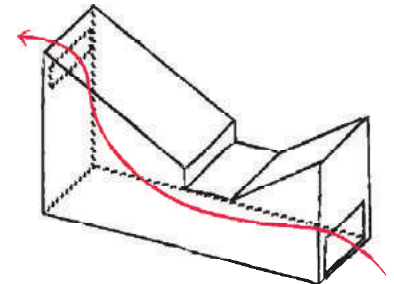
DOWNWARD PUSH OF THE ROOF TO CAPTURE MAXIMUM SUN LIGHT



UPWARD PULL OF THE TO CONTAIN SOIL FOR INTERIOR TERRACES



WIND TUNNEL IS OPENED FROM THE INSIDE



DIAGRAM

ONE OF THE UNITS UNFOLDS TO BECOME PART OF THE TERRACES PROVIDING **EXTRA SPACE FOR FARMING** AND A DIRECT ACCESS TO THE EXTERIOR

DOUBLE HEIGHTS TO CREATE **OPEN SPACES** AND **VISUAL COMMUNICATION** BETWEEN DIFFERENT LEVELS

SOLAR CHIMNEY FOR AIR SUCTION

STEPPED TERRACES THAT ACT AS AN **EXTENSION BETWEEN THE EXTERIOR AND INTERIOR**. THE SOIL THAT IS EXCAVATED DURING CONSTRUCTION IS USED AGAIN IN THESE ARTIFICIAL TERRACES

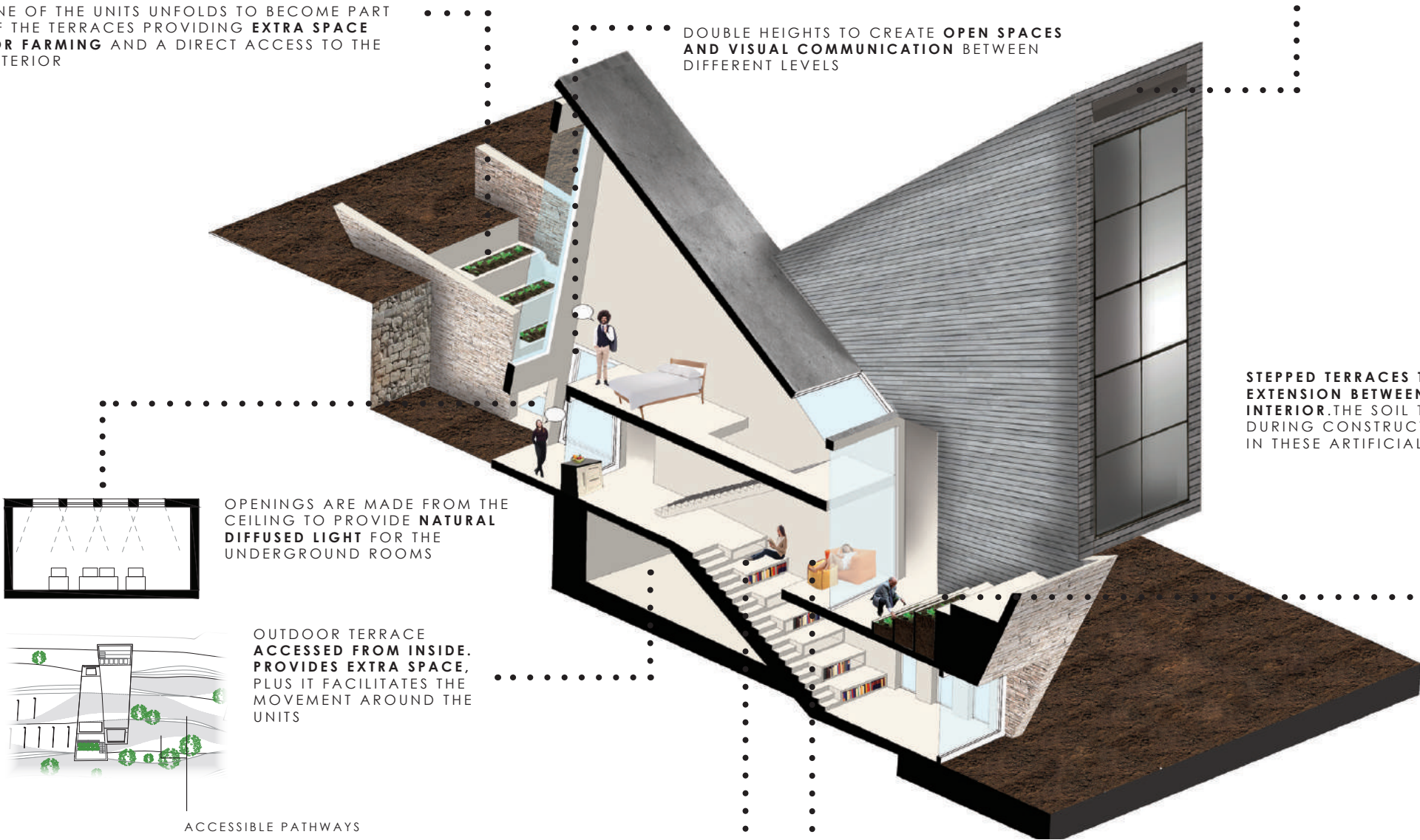
OPENINGS ARE MADE FROM THE CEILING TO PROVIDE **NATURAL DIFFUSED LIGHT** FOR THE UNDERGROUND ROOMS

OUTDOOR TERRACE **ACCESSED FROM INSIDE**. PROVIDES **EXTRA SPACE**, PLUS IT FACILITATES THE MOVEMENT AROUND THE UNITS

ACCESSIBLE PATHWAYS

STEPPED LIBRARY THAT **EXTRUDES TO BECOME A STAIR** THAT LEADS TO THE KITCHEN AND OTHER FACILITIES

SUNBATHING AREA OR A MEDITATING SPOT WITH FULL ACCESS TO THE SUN DURING SUMMER AND WINTER



SECTIONS AND ELEVATION



SECTION 1-1

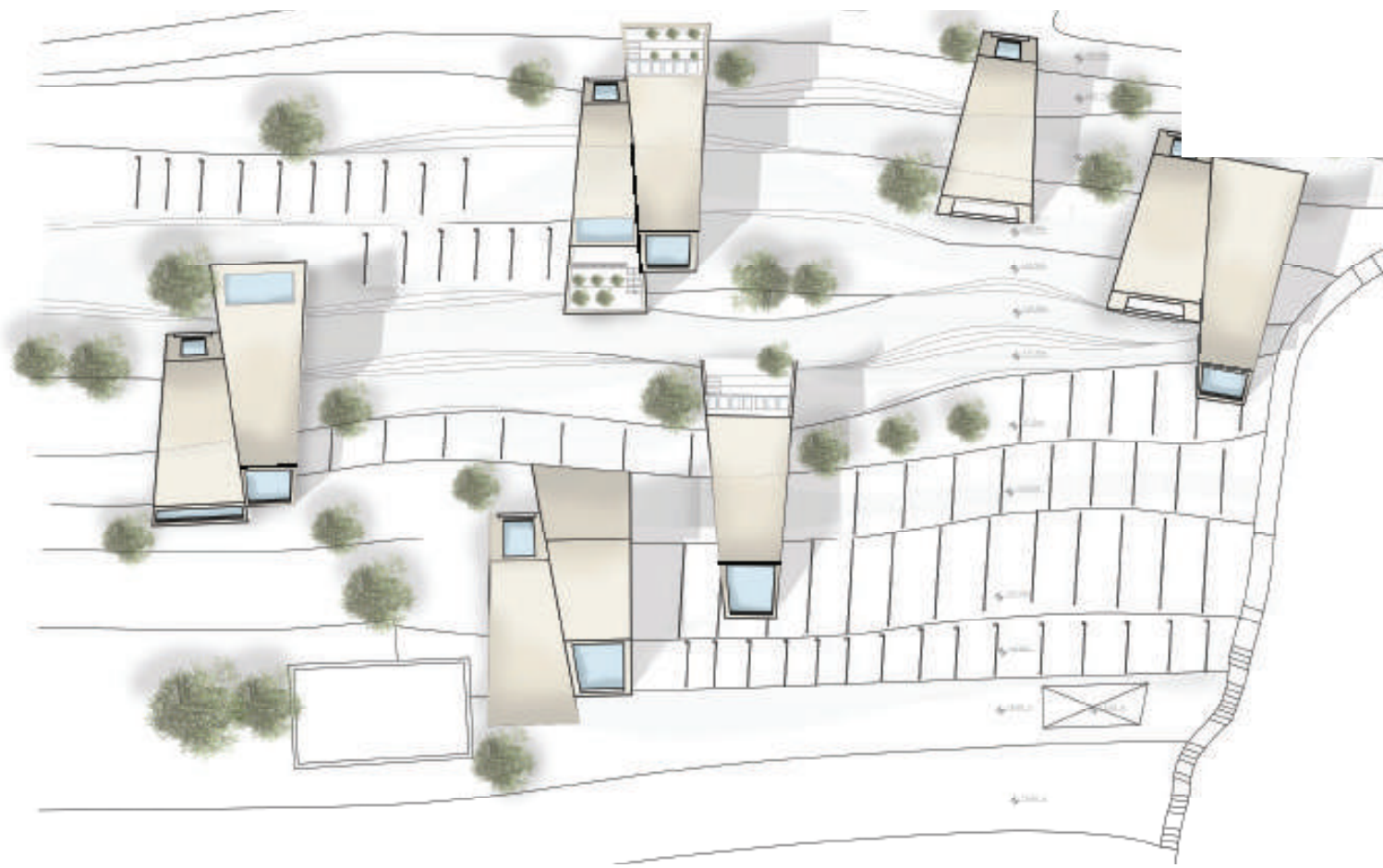


SECTION 2-2

SOUTH ELEVATION

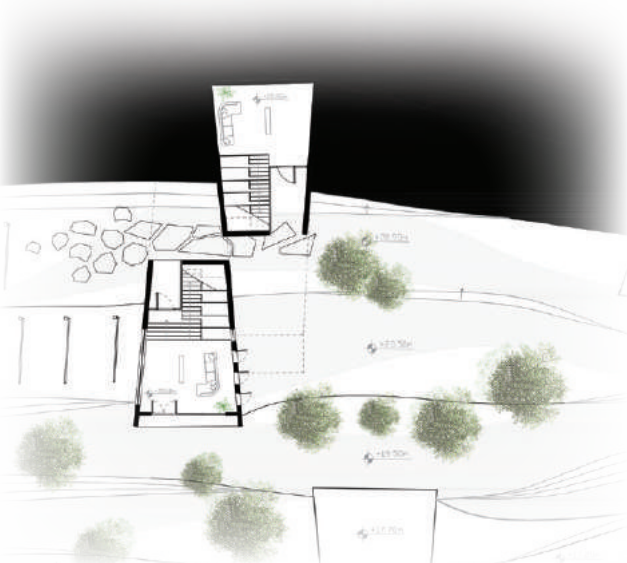


PLANS



PROTOTYPE

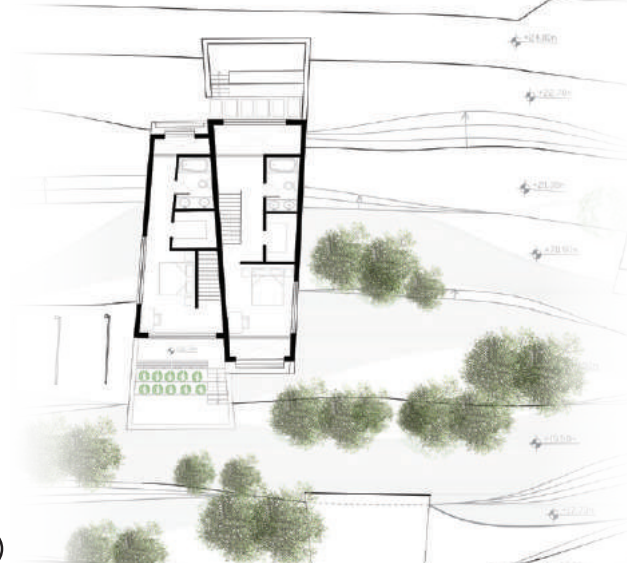
⊖ z GROUND FLOOR 1:200



⊖ z FIRST FLOOR 1:200



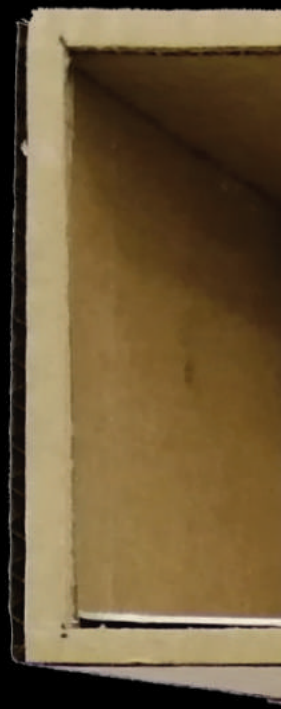
⊖ z SECOND FLOOR 1:200

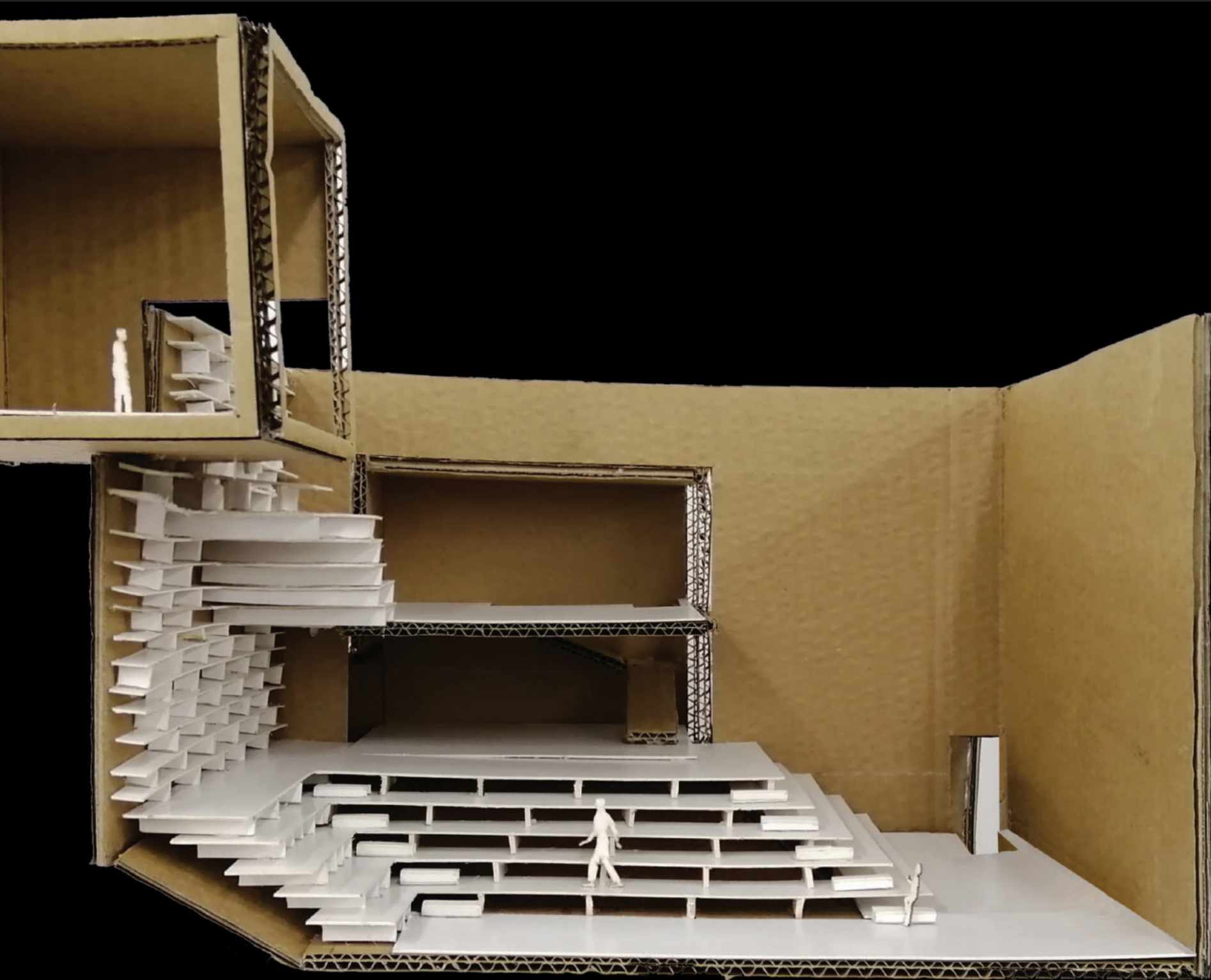


STACKED LIBRARY

STACKSCAPE

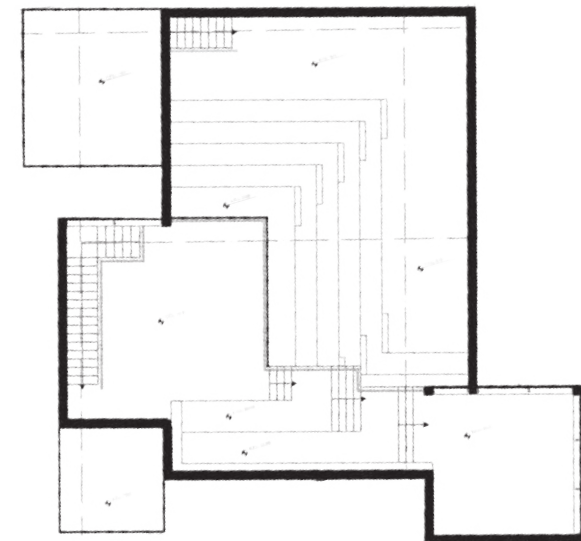
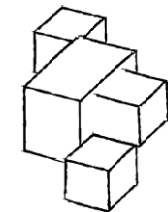
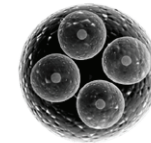
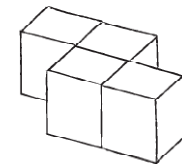
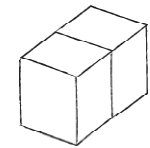
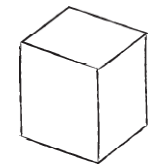
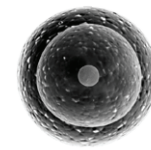
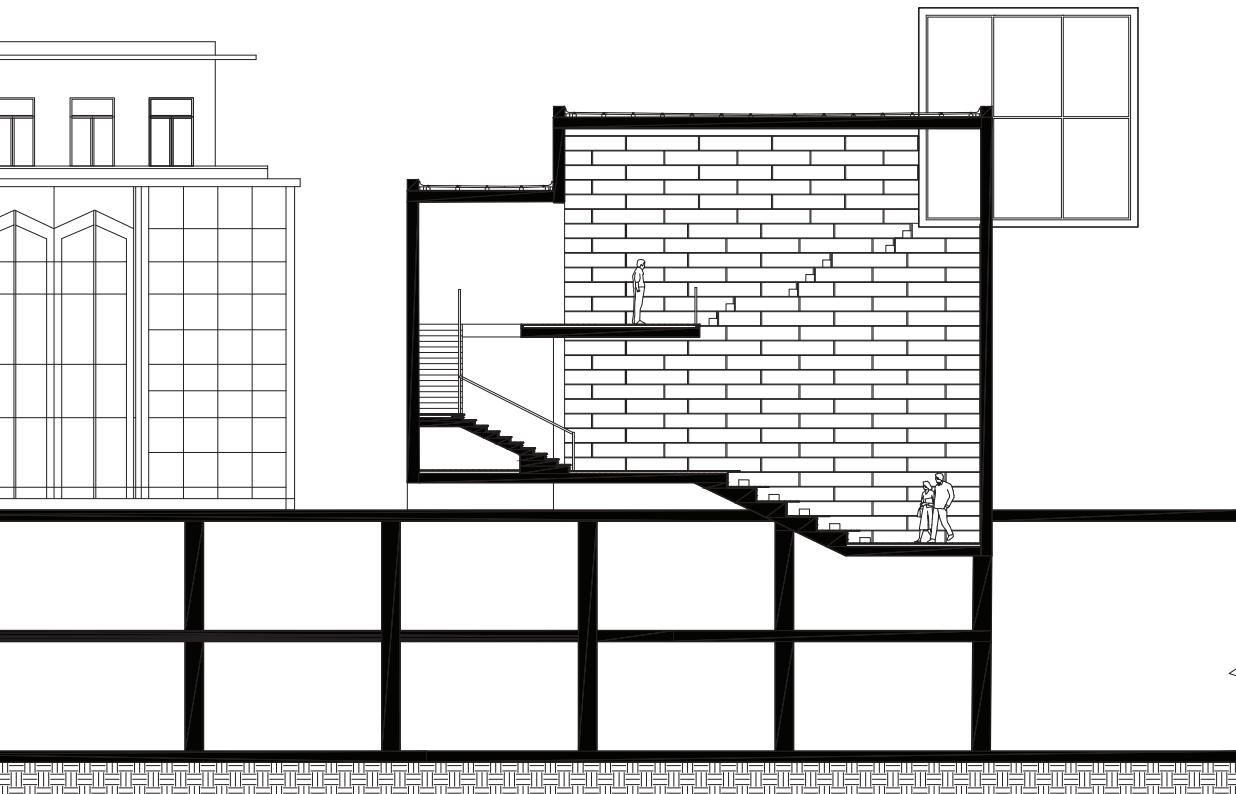
SML LIBRARY, HAMRA STREET





CONCEPT

IN ADDITION TO THE CORE FUNCTION AS A LIBRARY A NUMBER OF SUPPLEMENTARY ACTIVITIES ARE PROPOSED TO ATTRACT POTENTIAL LIBRARY USERS, THE SERVICES INCORPORATED IN THE DESIGN INCLUDE STACKS THAT EXTRUDE TO BECOME THE MAIN CIRCULATION, LOUNGE AREA, CINEMA, LOUD AREA FOR MEETINGS, AND A SILENT AREA. **THE CONCEPT OF THE BUILDING WAS INSPIRED FROM THE BIOLOGICAL LIFE AND HUMAN CELL.** THE PROJECT PROPOSES AN ECONOMY OF MEANS VIA A SIMPLE STRUCTURE WITH MODULAR CHARACTER ALONG WITH APPROPRIATE APPLICATION OF MATERIAL THAT IS ALIGNED WITH SURROUNDING BUILDINGS.



DIAGRAM

SILENT AEA
OVERLOOKING
THE STACKS



THE STACKS EXTRUDE TO BECOME
THE MAIN CIRCULATION INSIDE
THE BUILDING CONNECTING THE
DIFFERENT FUNCTIONS TOGETHER.



ALL THE OTHER CUBICLES THAT ARE ATTACHED
TO THE STACKS ARE OPENED ON THE NORTH
FAÇADE, EXCEPT FOR THE STACKS, THUS
ALOWING NATURAL DAYLIGHT TO ENTER.

STACKS
BIGGEST COLLECTION OF
BOOKS THAT EXTRUDE TO
BECOME STAIRS

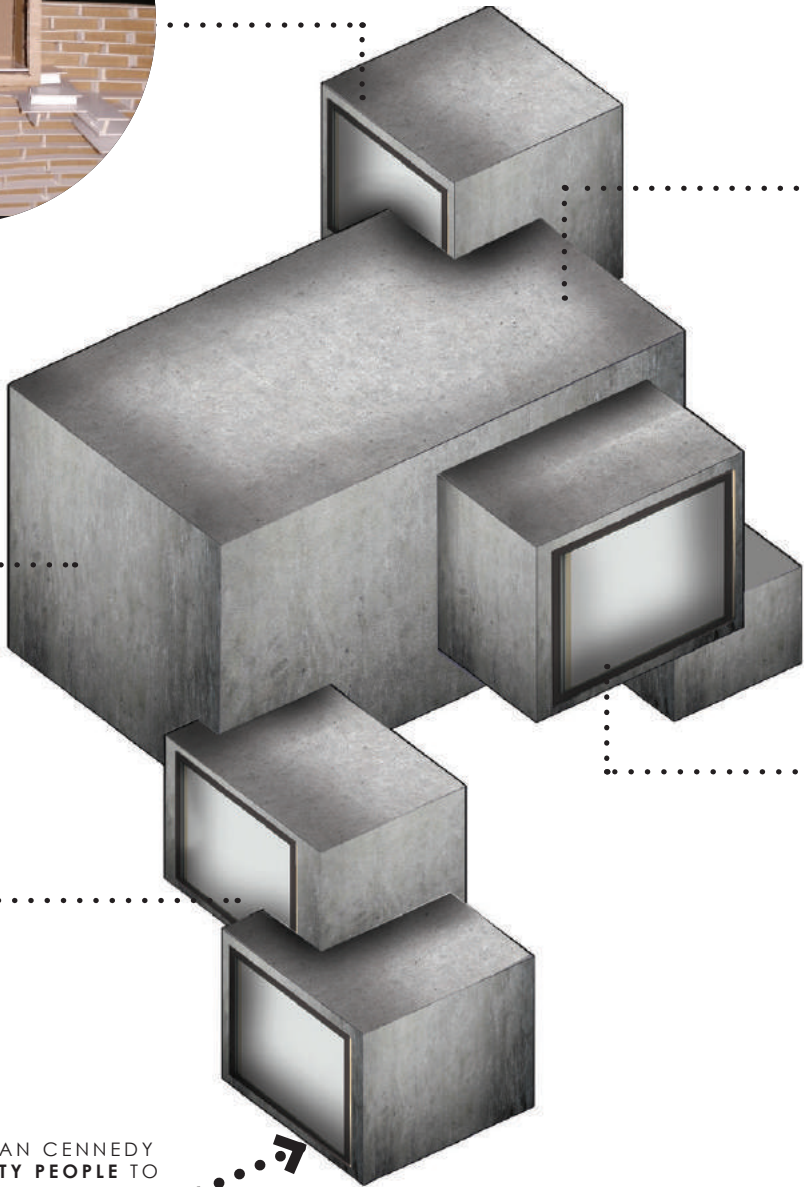


ANOTHER FACILITATED ENTRANCE
FROM THE SAAB MEDICAL LIBRARY FOR
UNIVERSITY STUDENTS



LOUD AREA + STACKS

FIRST ENTRANCES FROM JEAN CENNEDY
STRRET FOR **NON-UNIVERSITY PEOPLE** TO
ENTER AND ENJOY THE BUILDING.



REVOLUTIONARY ACTS

STATUE MODIFICATION

BEIRUT, LEBANON

SEPERATE PROJECTS

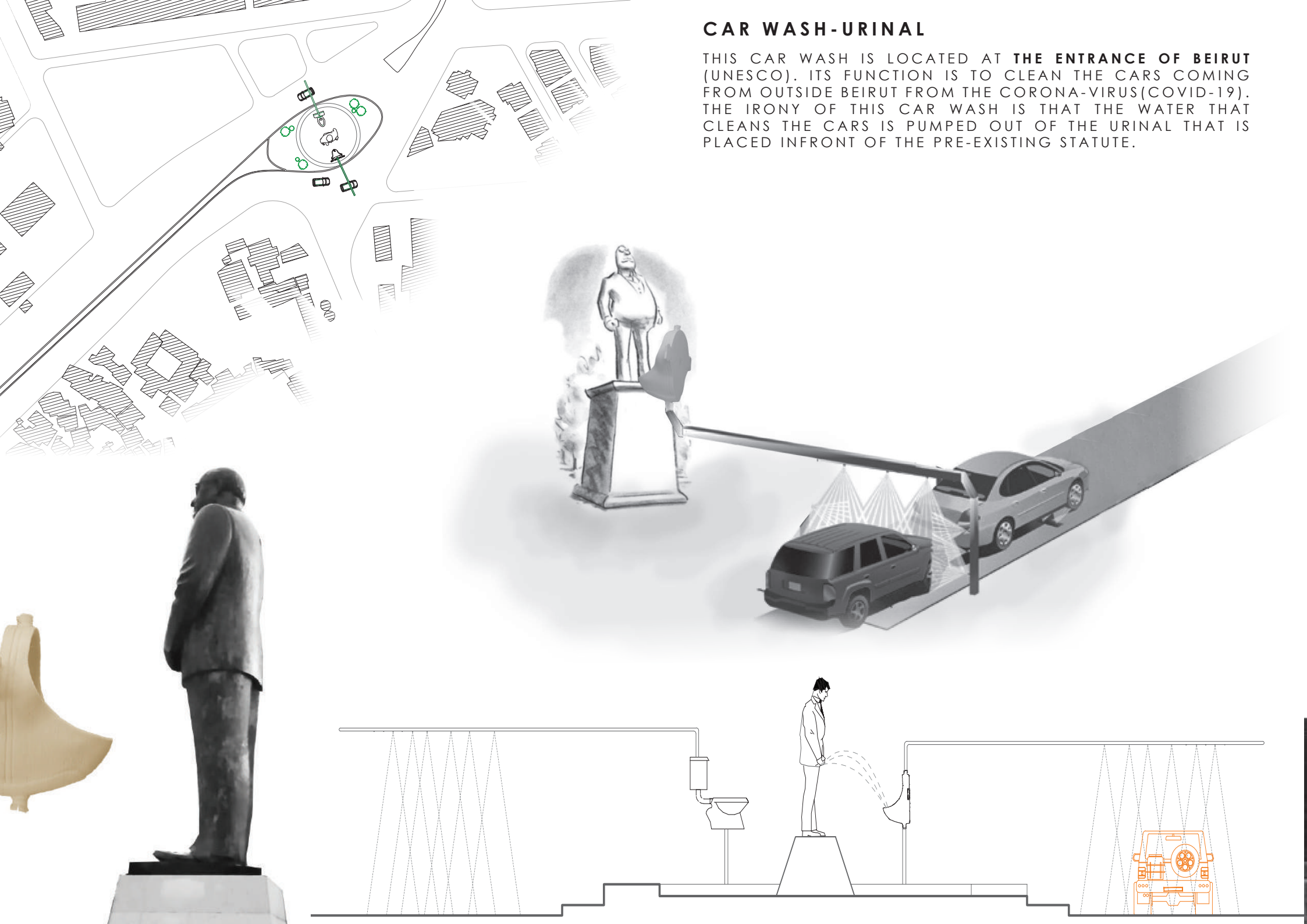
SERIES OF PROJECTS DONE DURING THE REVOLUTION OF 17TH OF OCTOBER.

MODIFICATIONS WERE MADE ON THE POLITICAL STATUES IN THE CITY OF BIERUT GIVING EACH ONE A NEW FUNCTION THAT CAN BENEFIT THE CITIZENS.



CAR WASH-URINAL

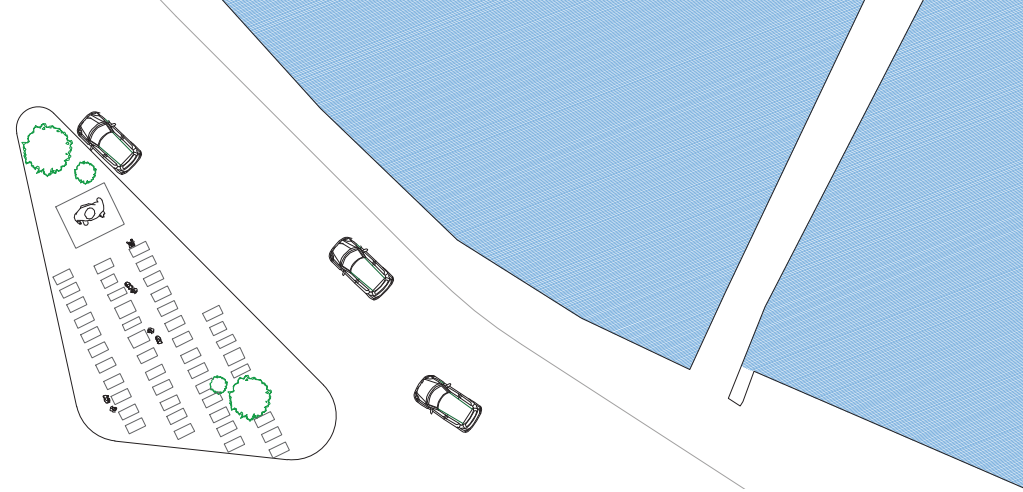
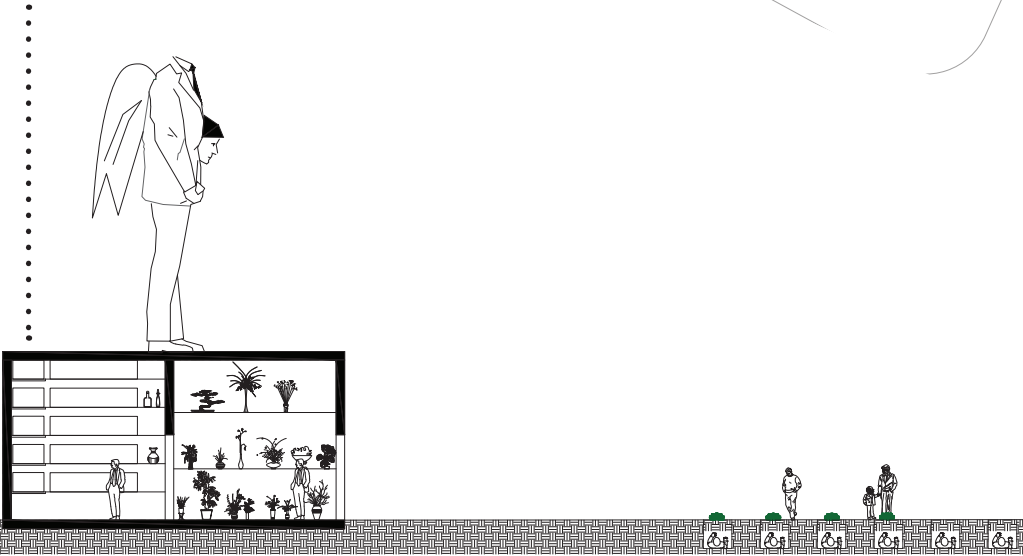
THIS CAR WASH IS LOCATED AT **THE ENTRANCE OF BEIRUT (UNESCO)**. ITS FUNCTION IS TO CLEAN THE CARS COMING FROM OUTSIDE BEIRUT FROM THE CORONA-VIRUS(COVID-19). THE IRONY OF THIS CAR WASH IS THAT THE WATER THAT CLEANS THE CARS IS PUMPED OUT OF THE URINAL THAT IS PLACED INFRONT OF THE PRE-EXISTING STATUE.



GRAVE YARD

THIS GRAVE IS LOCATED AT THE SEA SIDE OF BIERUT AT RAFIK HARIRI'S MEMORIAL. THE GARDEN IS TURNED INTO A MASS GRAVEYARD FOR VICTIMS OF COVID-19.

A FLOWER SHOP IS ADDED TO THE PROGRAM.



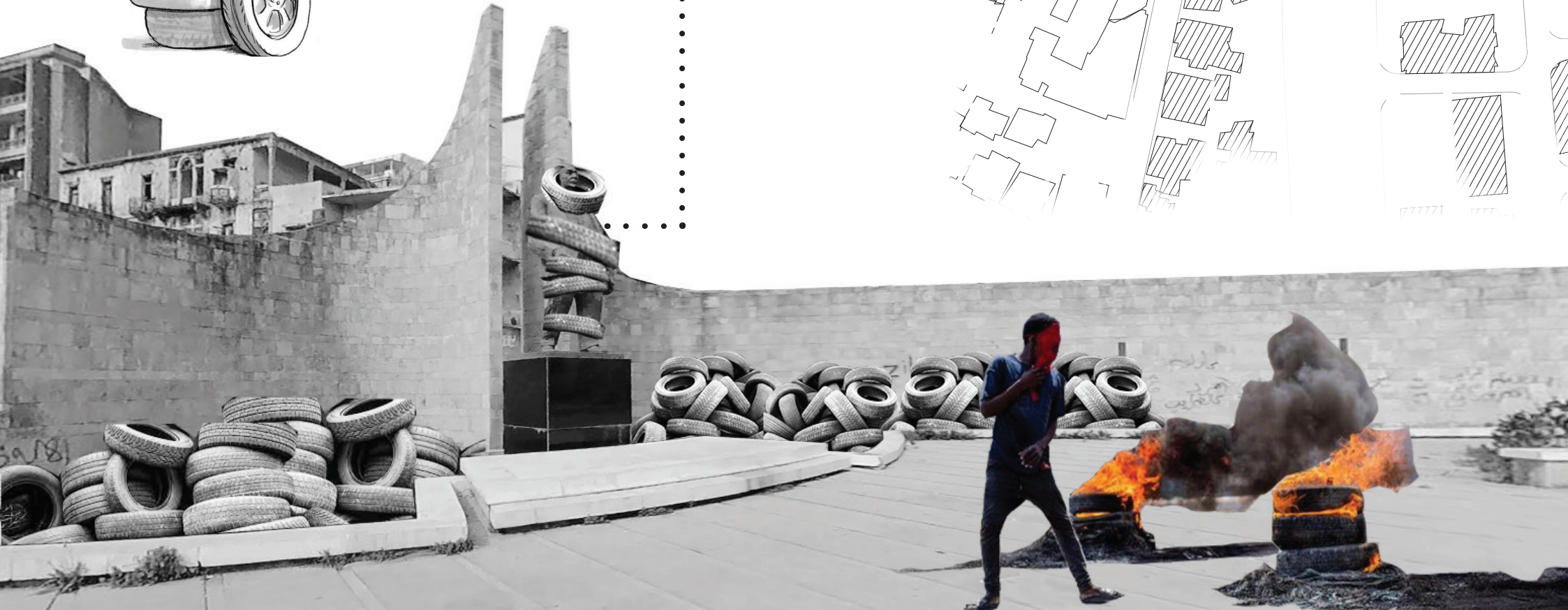
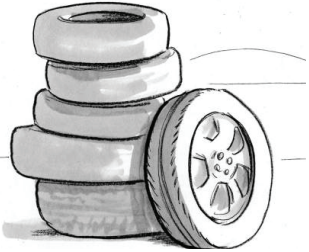
خود و عطي

GIVE AND TAKE

YOU HAVE A TIRE, GIVE IT
YOU NEED ONE, TAKE

LOCATION : BCHARA EL KHOURY STATUE

FUNCTION: PROVIDE PROTESTORS WITH
TIRES FOR ROAD CLOSURE ESPACIALLY
AFTER THE REVOLUTION OF 17TH OCT IN
LEBANON



THE HOOKER

THE STATUE OF RIAD SOLH AT THE CITY CENTER IS USED AS A TENT SUPPORT THROUGH THE HOOKS THAT ARE EXTRUDING OUT OF THE STATUE TO ALLOW THE PROTESTORS TO BENEFIT FROM THE SHADE.

HOLES ARE ALSO DRILLED THROUGH THE STATUE SO HOOKS CAN BE SCREWED THROUGH THEM.

