

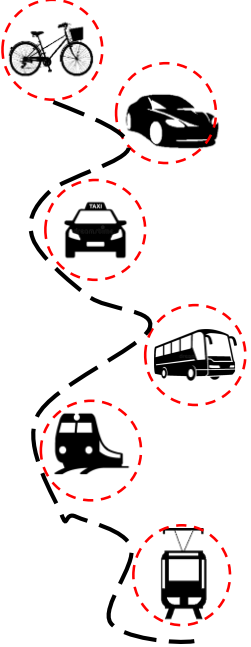


YAW BOADI KONADU EMMANUELLA NKRUMAH

SUPERVISOR:
EMMANUEL OFORI
SARPONG

WARSAW, POLAND

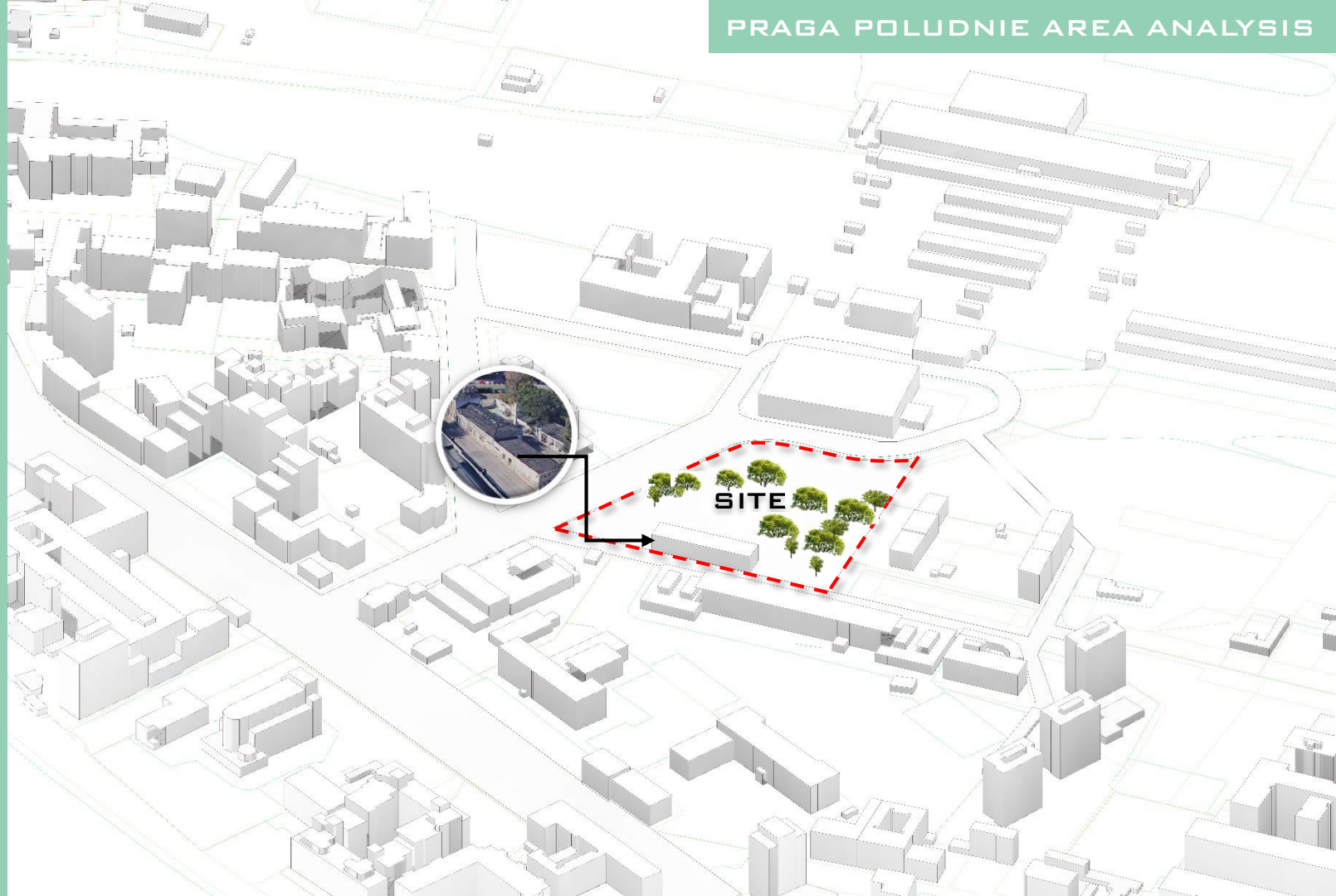
TRANSPORT SYSTEMS



ACTIVITIES IN THE AREA



PRAGA POLUDNIE AREA ANALYSIS



THE SITE IS
ACCESSED
FROM 4 SIDES

A, B, AND C -
LEAD DIRECTLY
INTO THE
COURTYARD

D LEADS TO
THE
UNDERGROUND
PARKING

POINTS OF
ENTRY

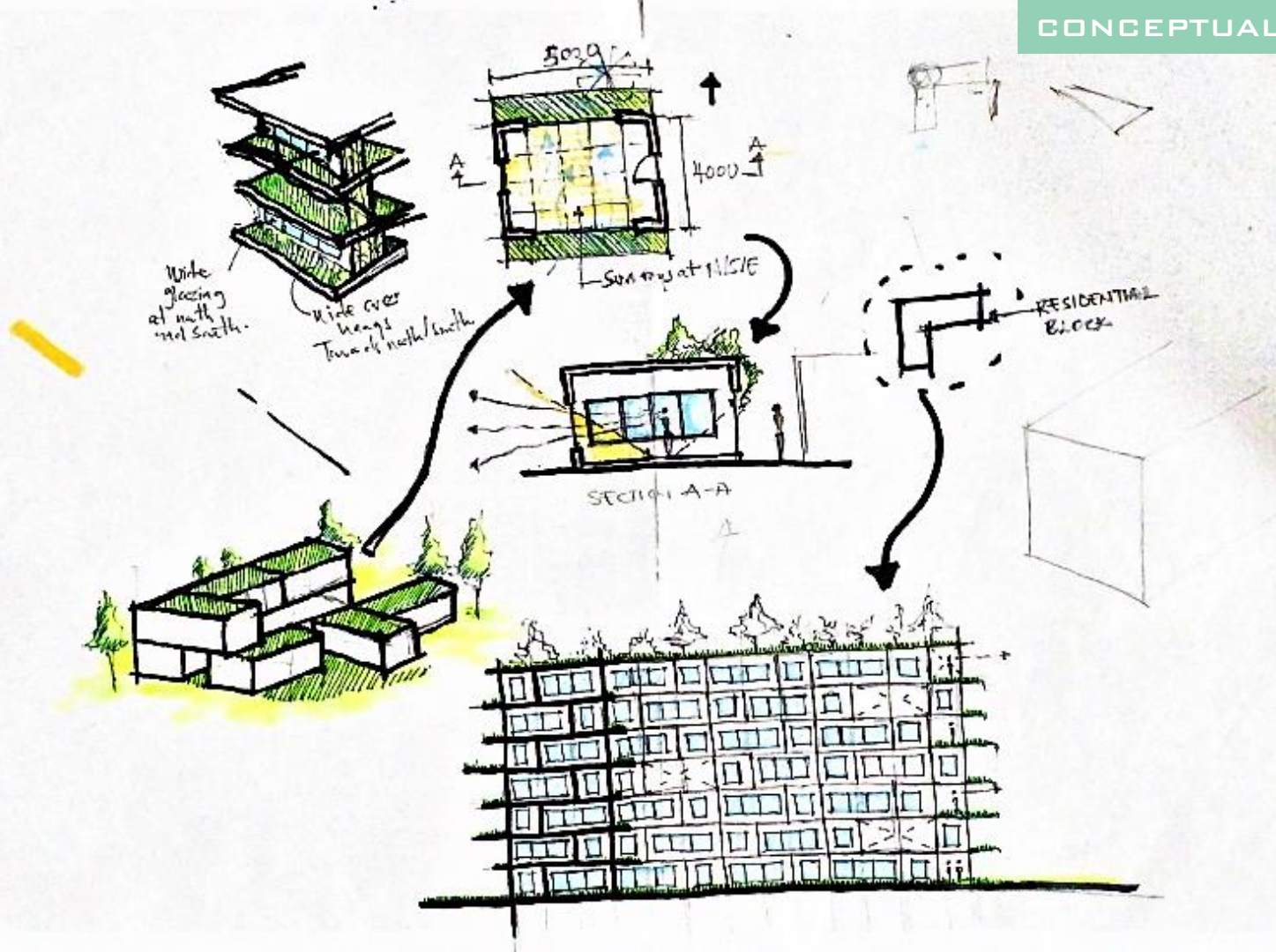


The diagram shows a 3D perspective view of a building complex with a central courtyard. The building is composed of several interconnected volumes. Four points of entry are highlighted: A, B, and C are solid blue arrows pointing directly into the courtyard from the top, left, and right sides respectively. D is a solid blue arrow pointing from the bottom towards the building, leading to the underground parking. A dashed red line outlines a path that starts from the bottom, goes up the right side of the building, and then turns left into the courtyard. The surrounding area includes other buildings and streets, with a green vertical bar on the left side of the image.

FLEXI BILITY IN MODU LARIT Y



CONCEPTUALS



THINGS CONSIDERED

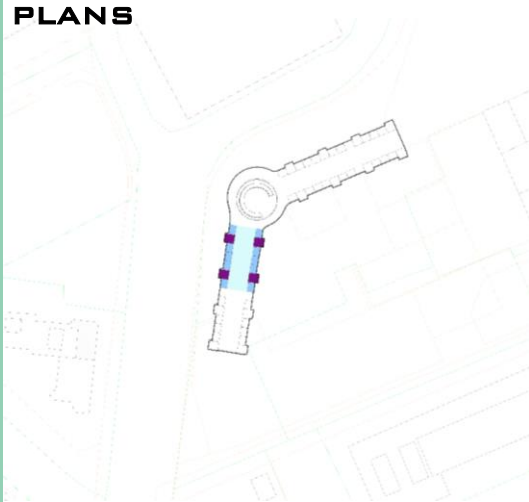
- SOLAR
PANELS
- GREEN WIDER
AREA FOR
GREEN
SPACES
- THE FINAL
STAGE WAS
TAKEN DUE TO
THE MIMICRY
OF BUILDING
FOOTPRINTS
IN THE
SURROUNDING
AREA

3D'S

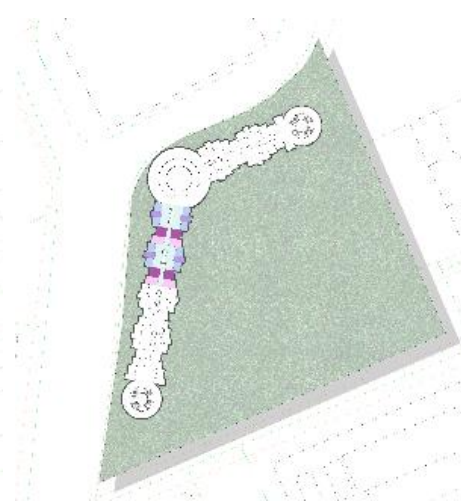


FORM GROWTH

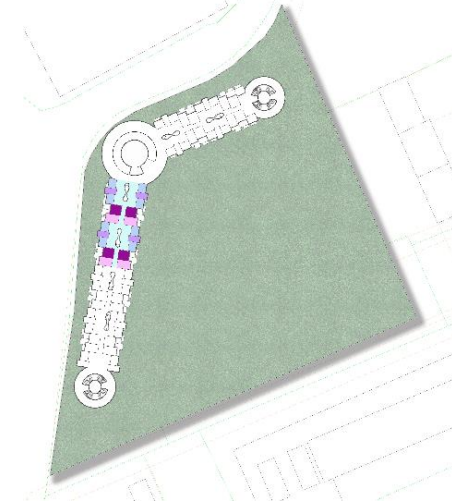
PLANS



STAGE 1



STAGE 2



STAGE 3

ACTIVITIES IN THE LANDSCAPE:



CYCLING



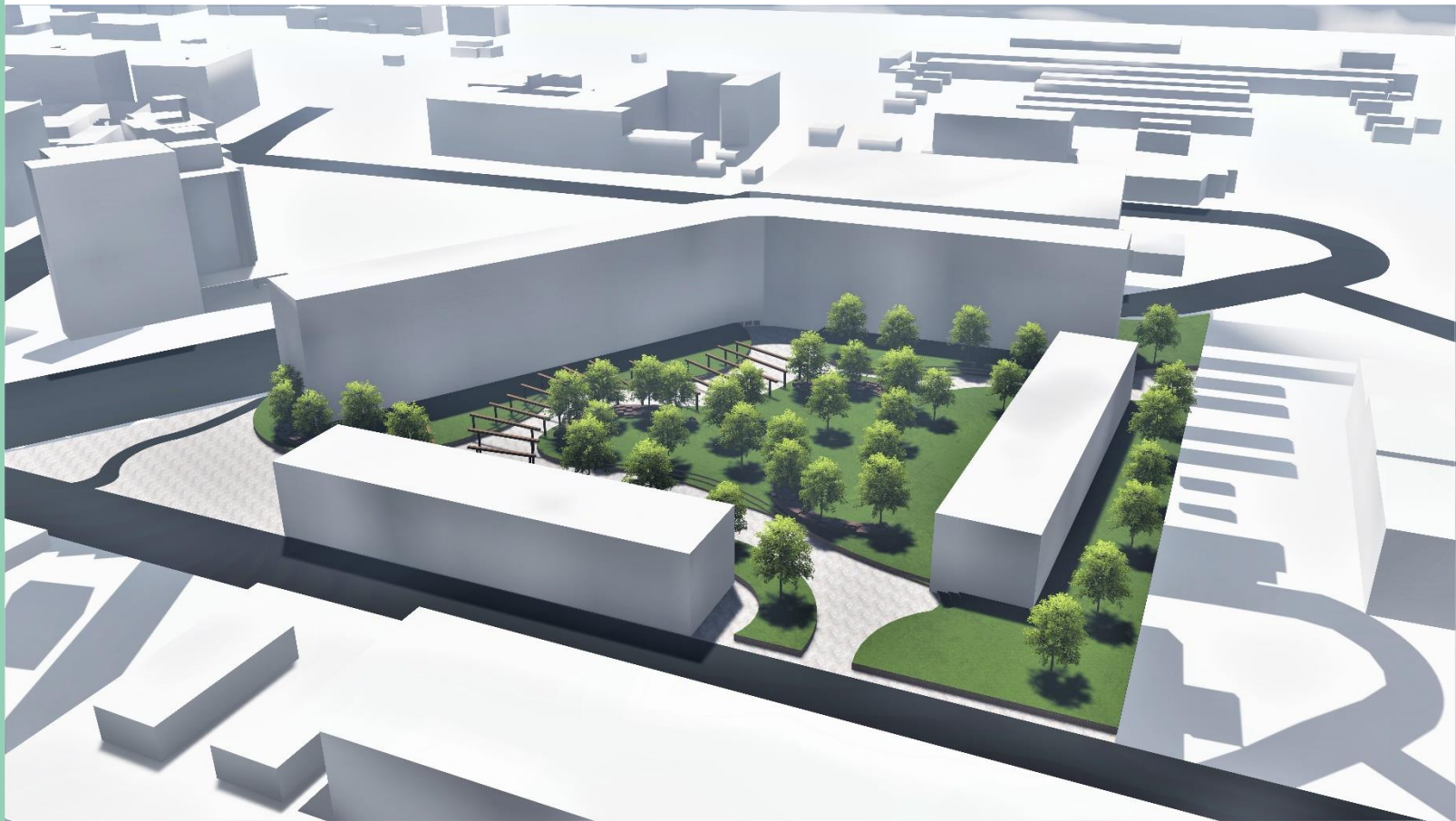
WALKS



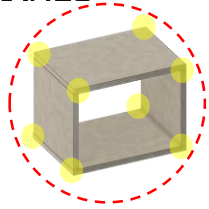
**AREAS FOR
FAMILY TIME**



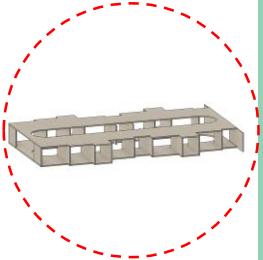
READING



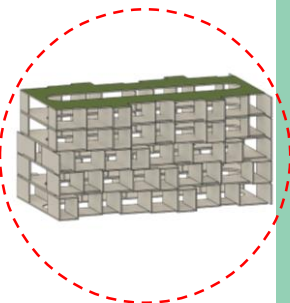
**THE STRUCTURE
IS FORMED WITH
INDIVIDUAL RIGID
FRAMES**



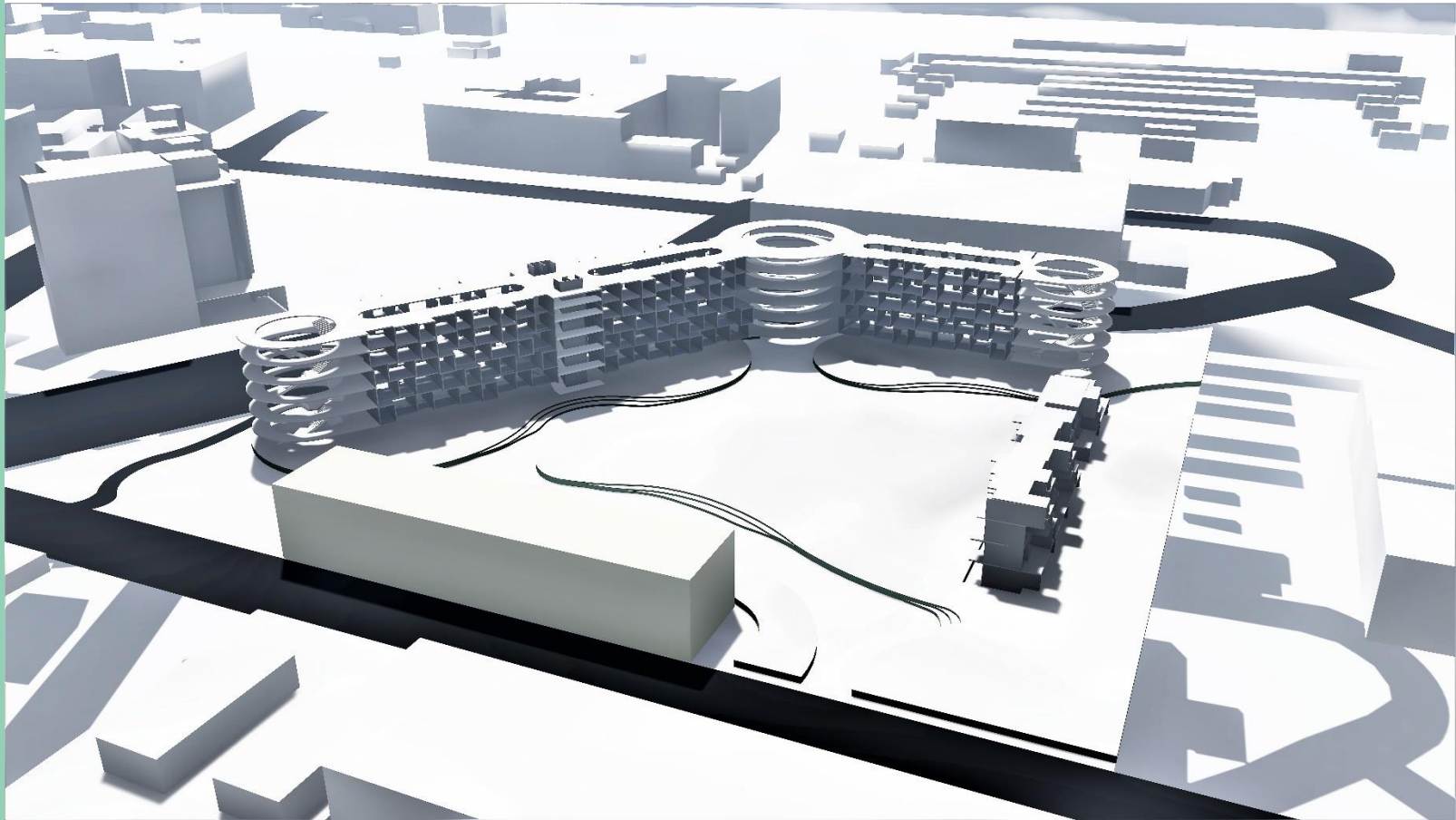
A RIGID FRAME



A RIGID FLOOR



**A RIGID
STRUCTURE**



THE STRUCTURE IS FORMED WITH INDIVIDUAL RIGID FRAMES

THINGS CONSIDERED

- SOLAR PANELS ARE USED AS ROOFING FOR THE STRUCTURE
- ALL BUILDINGS ARE SITE ARE CONNECTED VIA THE LANDSCAPE WHICH IS STITCHED TOGETHER USING OVER HEAD SHADING – WOODEN POST AND BEAM.
- THIS STITCH CONNECTS THE OLD FACTORY TO THE NEW UNIT VISUALLY

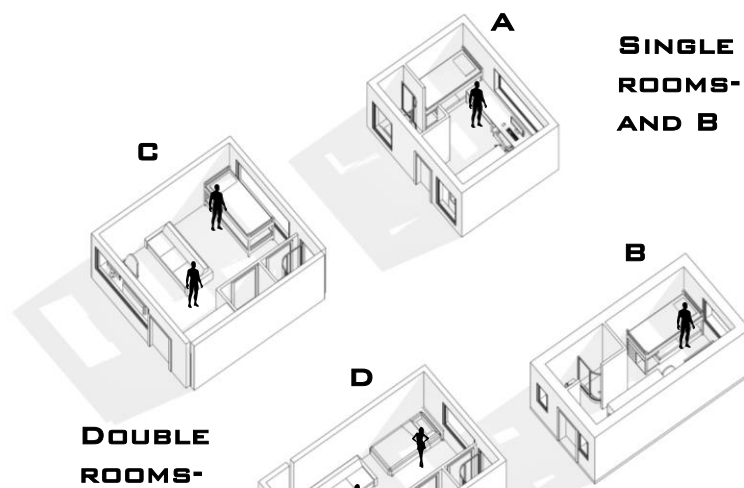


MASTER PLAN

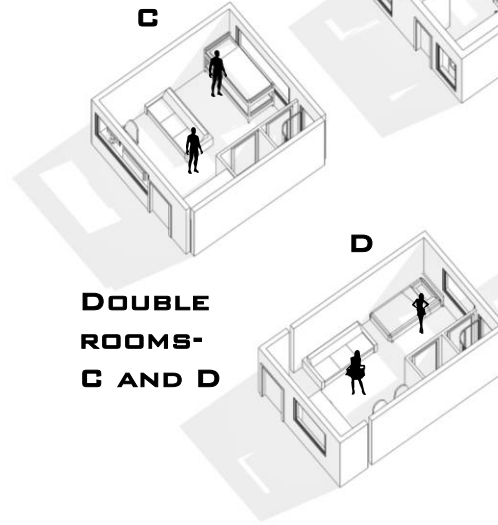


- EACH UNIT IS TAILORED TO THE NEEDS OF THE SPECIFIC NUMBER OF PEOPLE
- A EACH UNIT IS MADE THAT IT CAN ACCESS IN ISOLATION SO LONG AS IT HAS WATER, ELECTRICITY AND MEANS OF WASTE DISPOSAL
- UNITS ARE MADE SUCH THAT THEY CAN EASILY BE REMOVED AND REPLACED VIA TRACKS TO GIVE THE USER A PERMANENT HOME IN POLAND

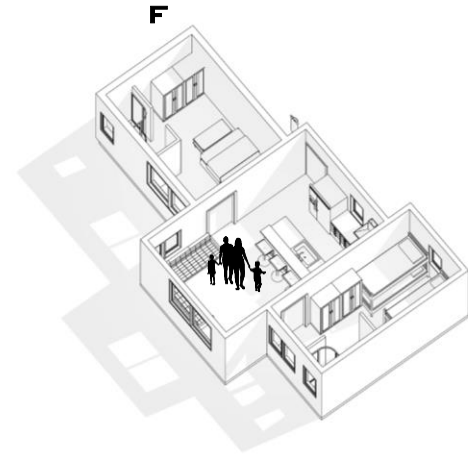
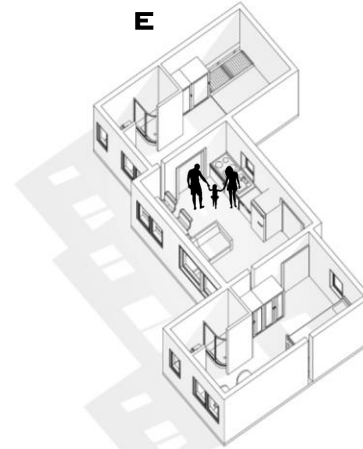
**SINGLE
ROOMS- A
AND B**



**DOUBLE
ROOMS-
C AND D**



**FAMILY UNITS
E AND F**





FACILITIES

- MART
- HEALTH CENTER
- BANK
- CAFÉ
- POST OFFICE
- PRODUCE MARKET
- BIKE ROOMS
- LAUNDRY
- RECEPTION
- WORK AND CHILL AREA
- FAMILY UNITS BLOCK
- FACTORY
- A RAMP, WHICH IS WIDE ENOUGH TO ACCOMMODATE CYCLISTS AND PEDESTRIANS AND STAIRS WHICH STARTS FROM THE BASEMENT CAR CAR PARKING TO THE ROOFTOP GARDEN.
- ELEVATORS INCLUDED

GROUND FLOOR PLAN

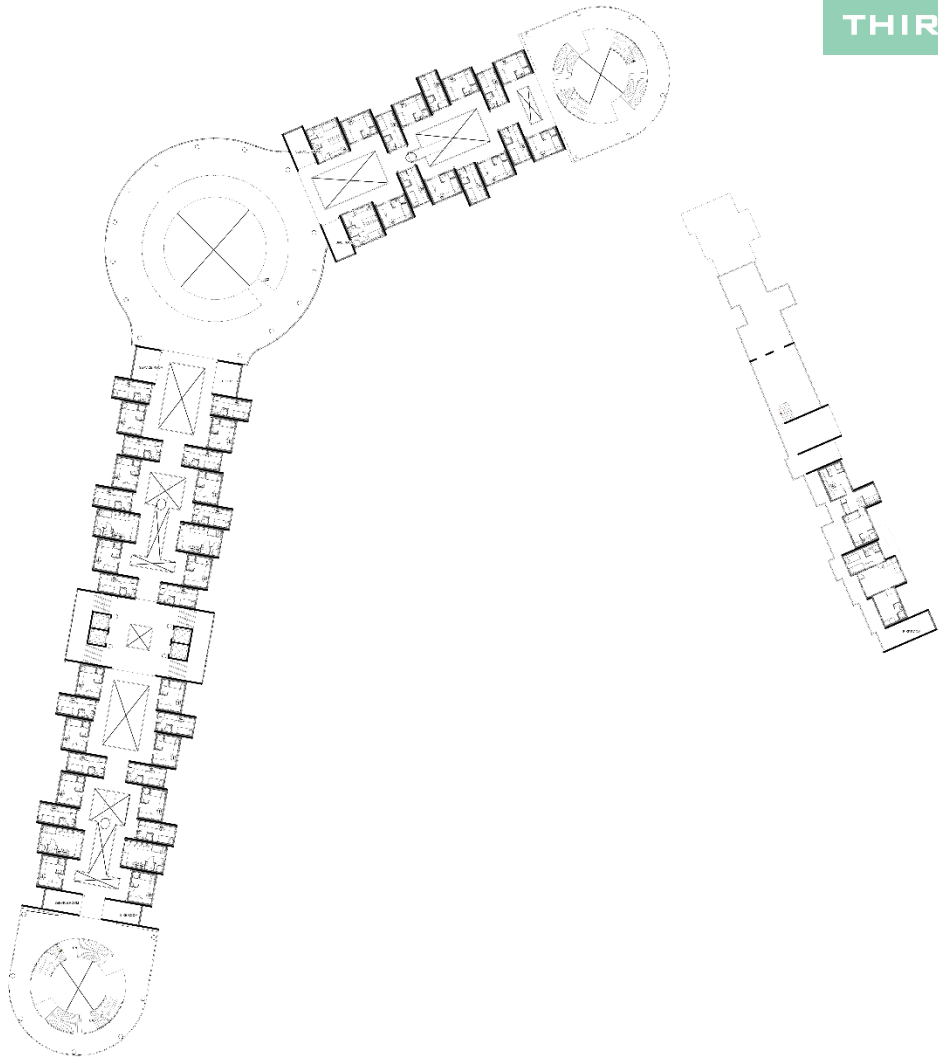


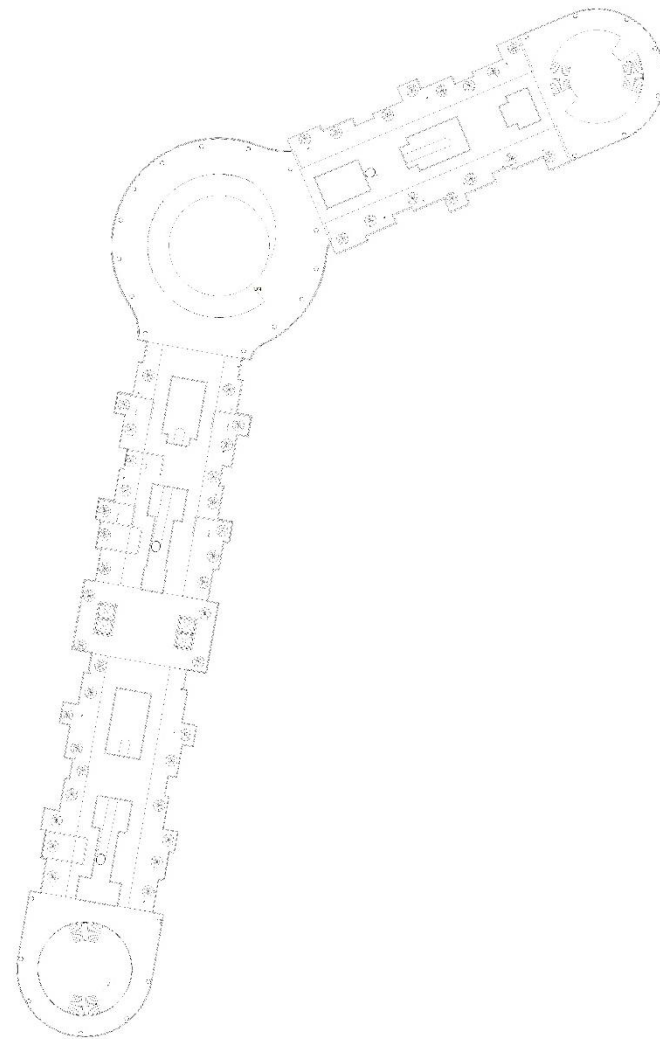


FACILITIES

- **SINGLE UNITS AND DOUBLE UNITS CLOSELY PACKED TOGETHER TO PROMOTE HEAT GAIN IN COLD SEASONS AND VOIS THAT HELP WITH VENTILATION AD LIGHTING.**
- **BIKE ROOMS AND SERVICE ROOMS ON SOME FLOORS TO ENSURE THAT THE BUILDING RUNS EFFICIENTLY WHILE PROVIDING COMFORT FOR OCCUPANTS**

THIRD FLOOR PLAN





- **ROOFTOP GARDEN FOR RELAXATION, MEDITATION, AND REDUCING HEAT GAIN**

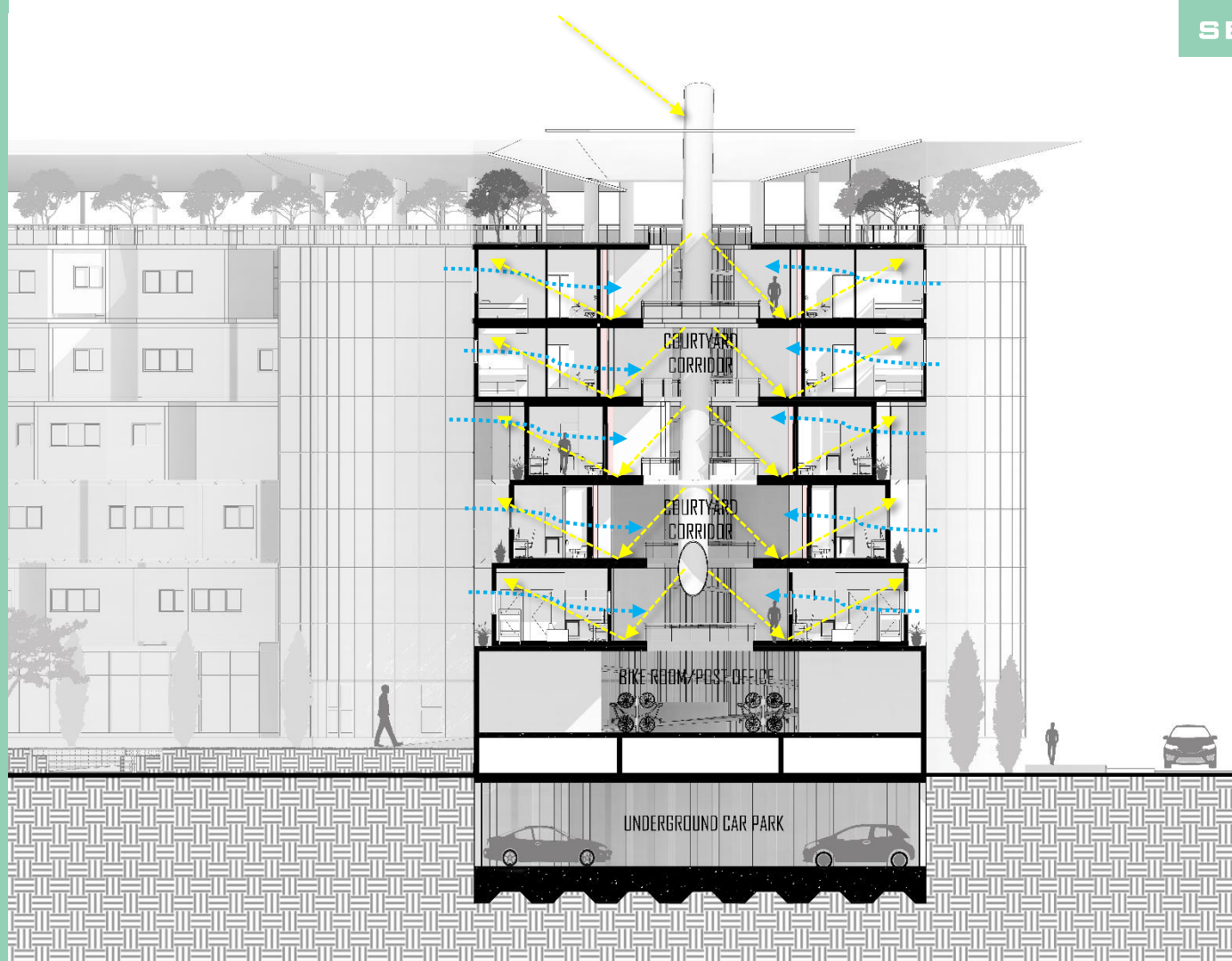
- **PROVIDES GOOD VIEWS OF THE SURROUNDING LANDSCAPE**





- THE LIGHT TUBE REFLECTS LIGHT RECEIVED FROM THE RAYS OF THE SUN INTO THE COURTYARD, WHICH BOUNCES OFF CORRIDORS INTO THE SPACES THROUGH OPENINGS

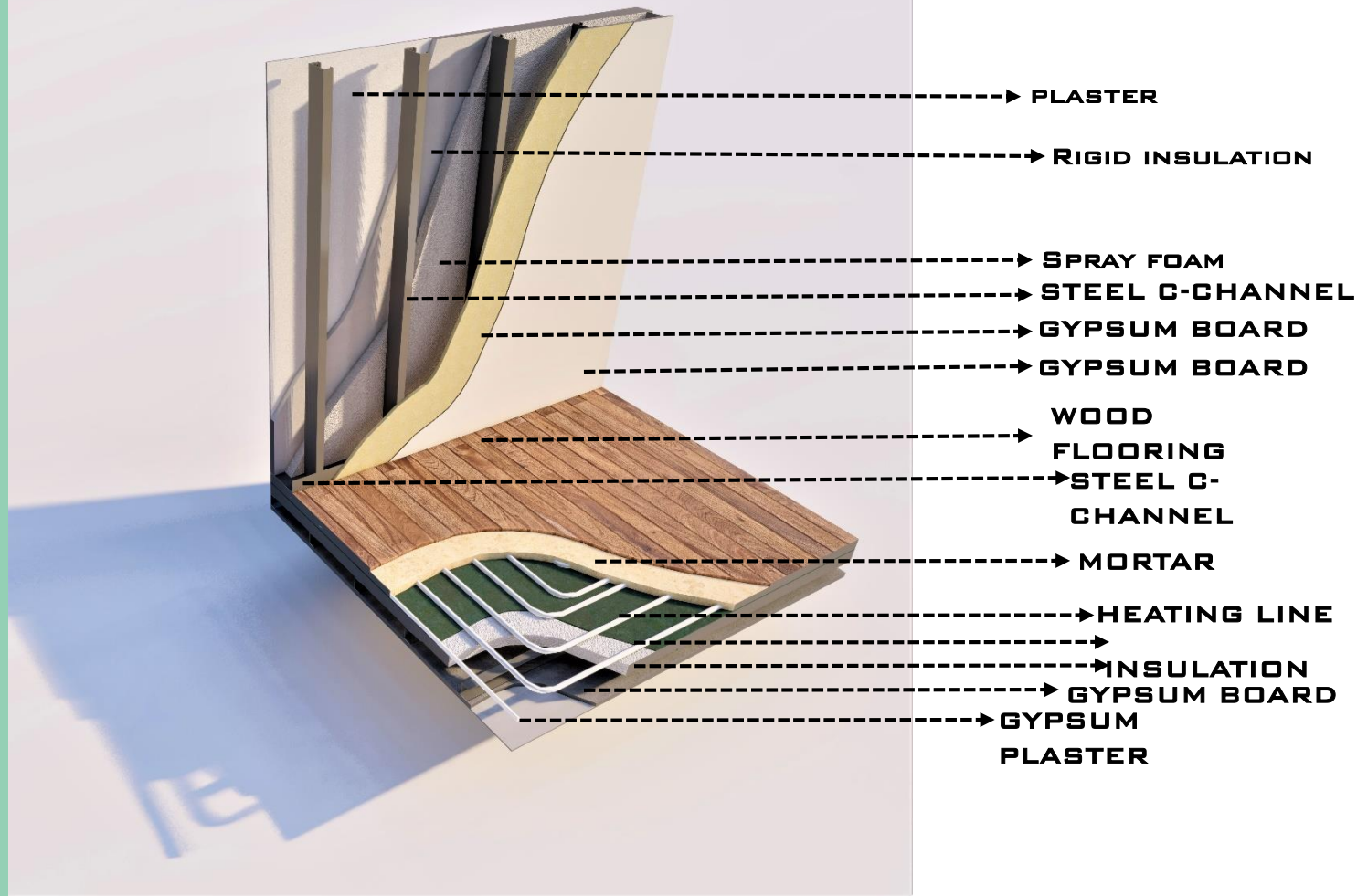
- VENTILATION IS MADE EFFECTIVE WITH THE PROVISION OF COURTYARDS AND WINDOWS AT VANTAGE POINTS.



SHOT THROUGH THE CORRIDOR







FACTORY GROUND FLOOR PLAN



FACTORY CONSIST OF

- **MULTI-PURPOSE HALL**
- **GYM**
- **RECEPTION**
- **OFFICES**
- **LOUNGES**
- **ART ROOM**
- **AEROBICS AREA**
- **PRINTING ROOM**
- **ETC.**



FACTORY FIRST FLOOR PLAN

