

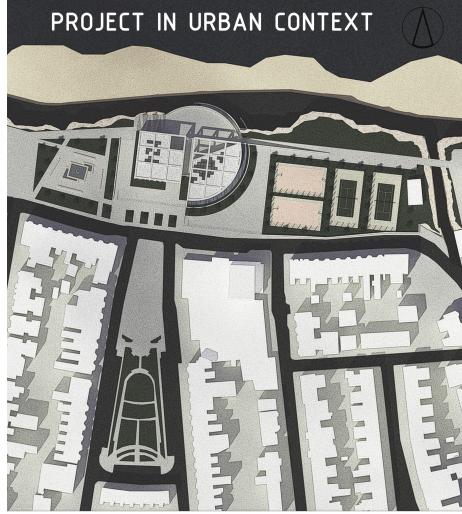
# CLIFF'S EDGE CIRCUS SCHOOL

The design of the project is based on two intersected grids, one square, the other radial, derived from two simple geometric volumes, a cube and a cylinder, which define through intersection and extrusion the shape of the building. The construction can be divided into three parts as follows: public, educational (private school space) and semi-educational (semi-private, the performance and training area can be used for public events). Given the size of the building and the variety of spaces it accommodates, a main priority of the design was the optimization of the circulation flow, both inside the building and on-site.

For this to be achieved, as can be seen in the circulation flow diagram, all three parts of the building have at least one entrance, an internal circulation core and flow, these communicating with each other. Each of these spaces is accessed through exterior social areas, followed by interior social ones that represent the heart of the individual circulation cores. These have the purpose of stimulating communication and interaction, encouraging its users to develop strong relationships that generate trust, security and more efficient teamwork skills, characteristics

that are vital for the proper function of a circus school community. At the same time, all circulation cores and means of access, both interior and exterior, provide views into the activity areas such as studios, performance and training space and so on. The exterior ones have the purpose of connecting the local community with the circus school, while the interior ones support surveillance, motivation and communication between students and teachers, aiming to enhance a higher level of performance and effectiveness.

PROJECT IN URBAN CONTEXT

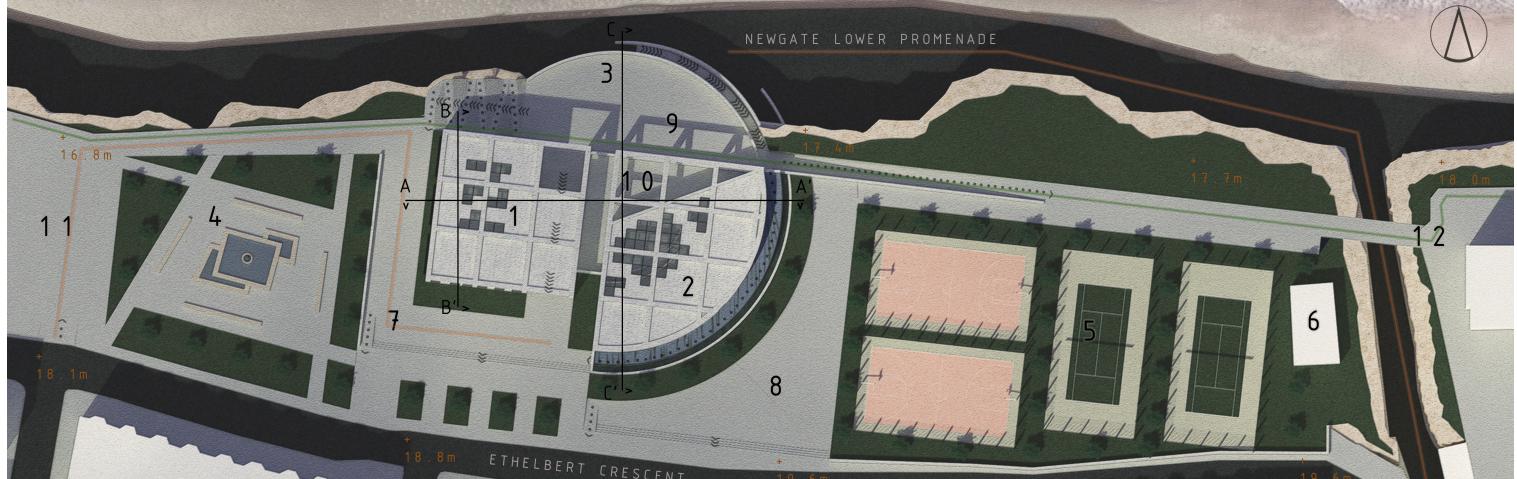


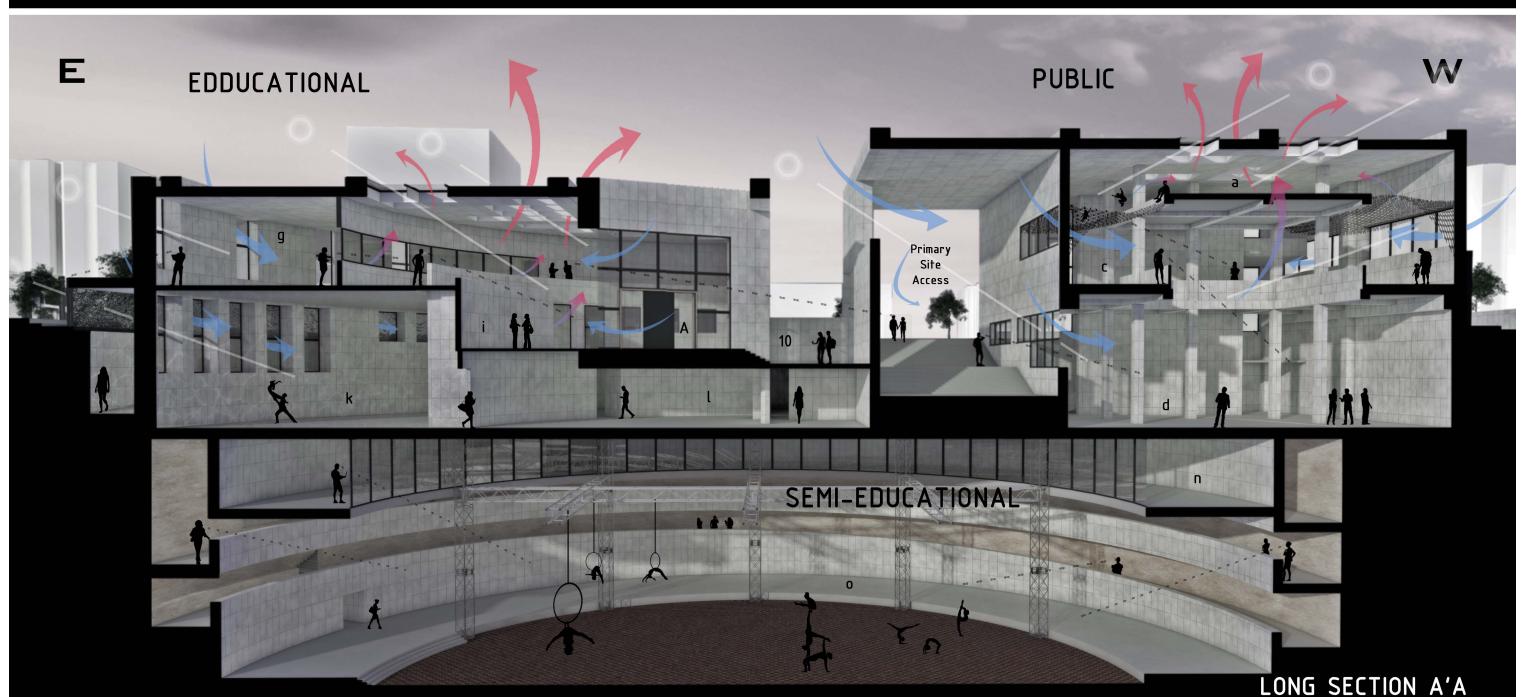
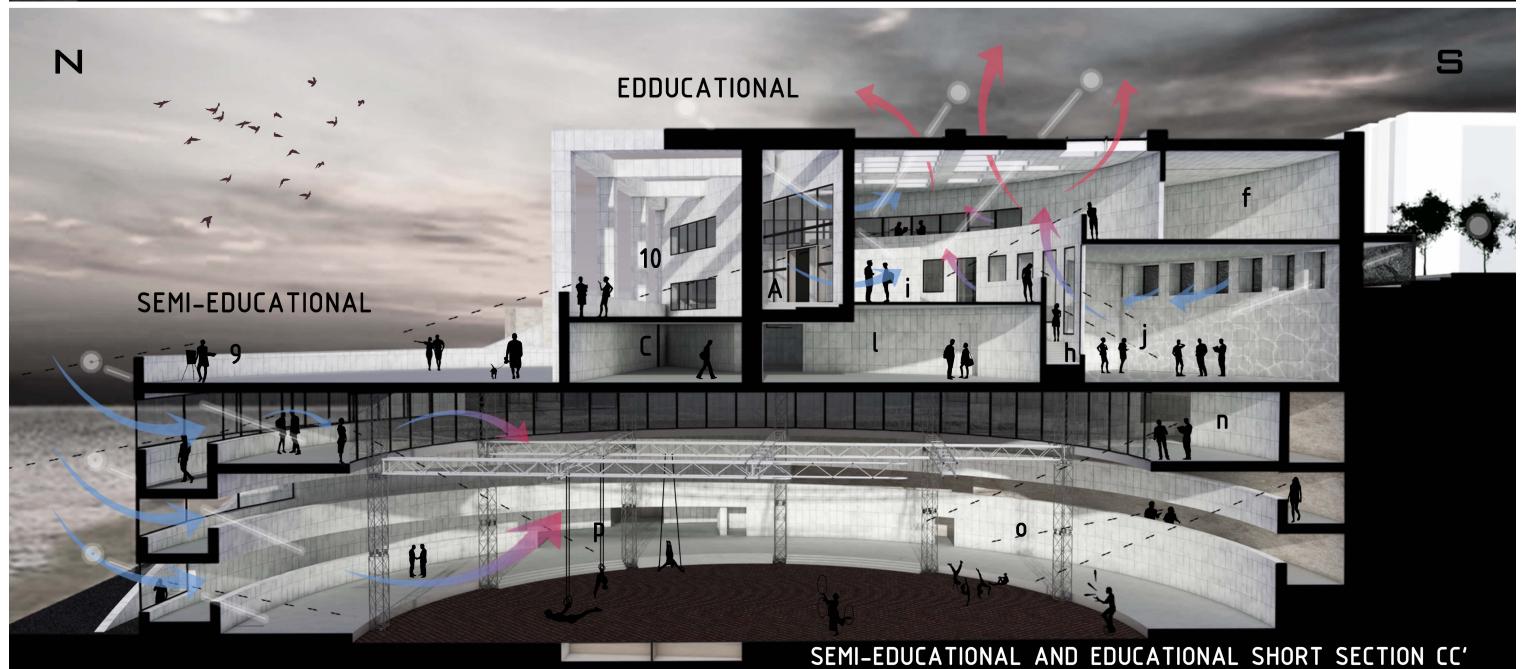
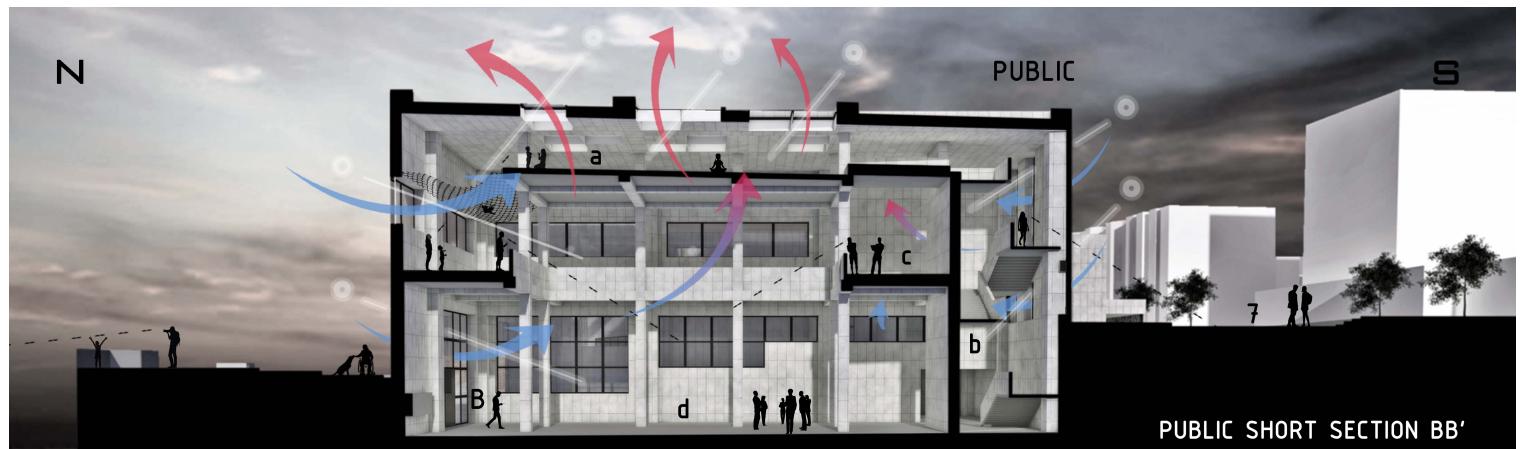
1. PUBLIC (FOYER, FORMAL EXHIBITION SPACE, CAFÉ, RECEPTION)
2. EDUCATIONAL (CHANGING, DRAMA STUDIO, DANCE STUDIO, OFFICES, LECTURE THEATRE)
3. SEMI-EDUCATIONAL (CHANGING, RIGGERS WORKSHOP, PERFORMANCE AND TRAINING, LIBRARY AND MEDIA)

4. PUBLIC PARK AND FOUNTAIN SQUARE
5. SPORT COURTS AREA
6. LOCKERS AND EQUIPMENT STORAGE
7. MAIN SQUARE
8. ACTIVITIES SQUARE
9. CLIFF EDGE SQUARE

- 10. STUDENTS SQUARE
- 11. PARKING
- 12. NEWGATE GAP BRIDGE
- ..... RAMP
- ..... STAIRS
- NEWGATE PROMENADE (REMODELLED)
- CAR ACCESS (FOR SCHOOL UTILITIES)

MASTERPLAN





#### PUBLIC

- A. WILDCARD (INTERIOR FISH-NET PLAYGROUND)
- B. PUBLIC CIRCULATION CORE
- C. FORMAL EXHIBITION/PERFORMANCE SPACE AND CAFÉ
- D. FOYER AND RECEPTION
- E. TOILETS

#### EDUCATIONAL

- F. LECTURE THEATRE
- G. OFFICES
- H. EDUCATIONAL CIRCULATION CORE
- I. LOBBY/SOCIAL
- J. DRAMA STUDIO
- K. DANCE STUDIO
- L. CHANGING

#### SEMI-EDUCATIONAL

- M. SEMI-EDUCATIONAL CIRCULATION CORE
- N. LIBRARY AND MEDIA
- O. PERFORMANCE AND TRAINING SPACE
- P. LOBBY/SOCIAL
- Q. RIGGERS WORKSHOP
- R. CHANGING

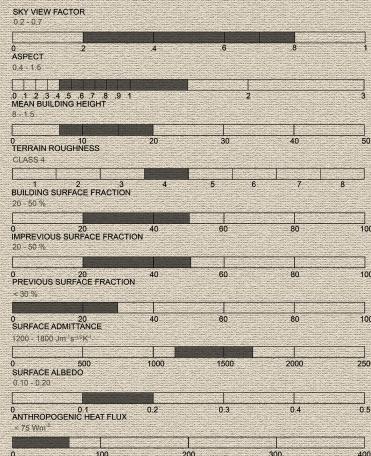
# THE ARTS SCHOOL COMPLEX

A New Artistic Community in Cliftonville, Margate.

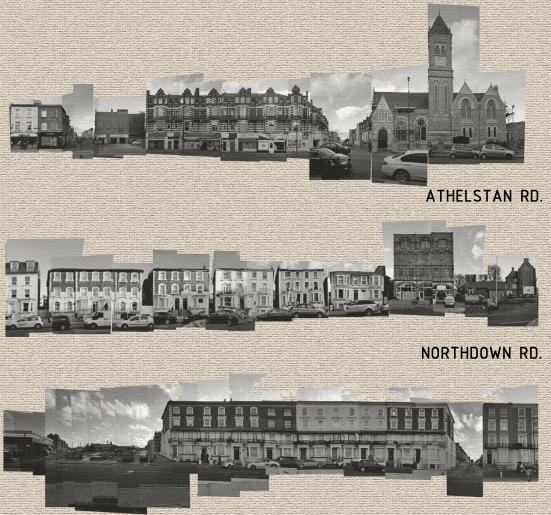
SITE MAP



THE PROPERTIES OF THE SITE  
DIAGRAM



ADJECENT STREETS ELEVATIONS



MASTERPLAN



The Arts School Complex project aims to develop a new artistic community in Cliftonville, Margate, that would connect with the locals and encourage the urban and economic development of the area. Located on the site, there is a 19th-century furniture depository with a rich history that represents a landmark of the city. The building was adapted and renewed through this project to accommodate an art school, while several constructions that serve as shops, workshops, public theatre and housing, were designed around it. The project's design makes use of local materials and styling elements of the original construction mixed with a modern approach to celebrate and emphasize the heritage and strong identity of the former depository and as well as of the surrounding urban area.

**ART  
SCHOOL**  
OFFICES  
RECEPTION  
RESTAURANT  
**RESIDENTIAL  
ACCOMMODATION**

WEST ELEVATION



NORTH ELEVATION



MAIN MATERIALS



RECLAIMED WOOD  
(FROM OUT OF USE  
BOATS)



PHOTOVOLTAIC  
WINDOWS



RECLAIMED BRICK

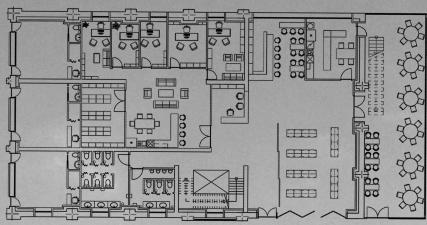
EAST ELEVATION



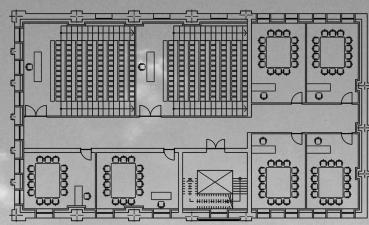
SOUTH ELEVATION



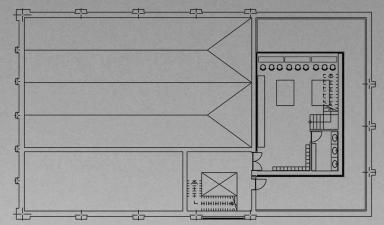
# THE ARTS SCHOOL MAIN BUILDING



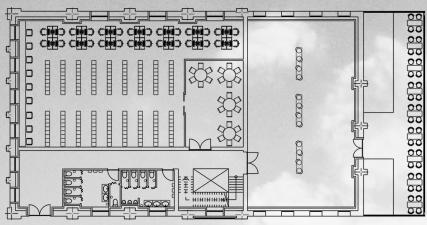
GROUND FLOOR



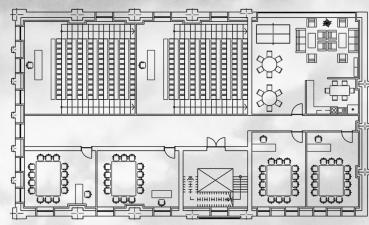
SECOND FLOOR



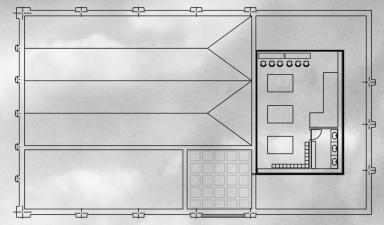
FOURTH FLOOR



FIRST FLOOR



THIRD FLOOR

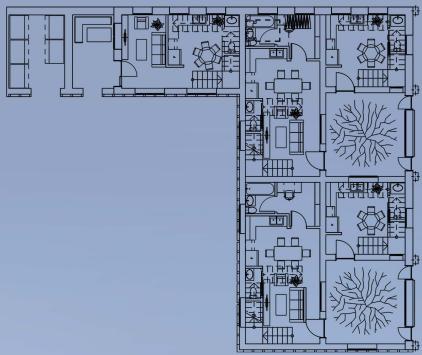


FIFTH FLOOR

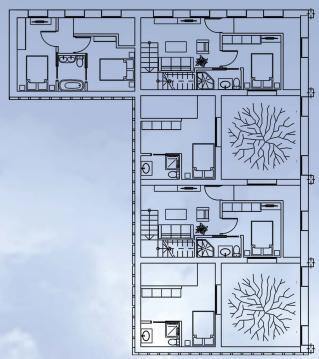


# RESIDENTIAL ACCOMMODATION

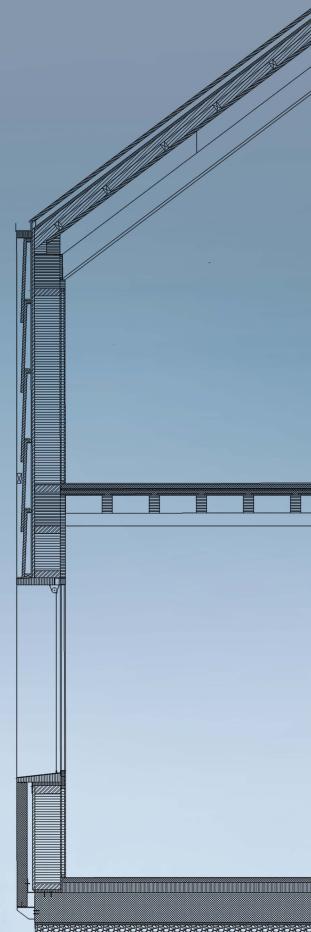
## PLANS



GROUND FLOOR



FIRST FLOOR



CONSTRUCTION  
DETAIL SECTION

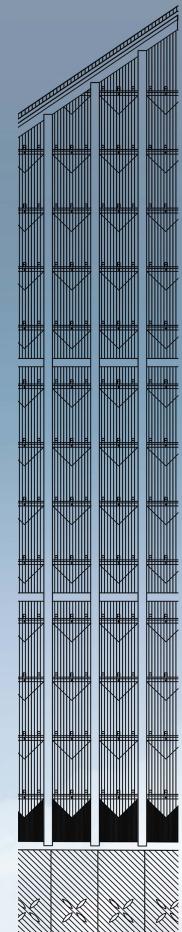
- COVER**
- COPPER SHEET 0.6 MM
  - SEPARATING LAYER
  - SOLID WOOD PANEL 27 MM
  - WOODEN CANS (80X40 MM) - VENT
  - WATERPROOF SHEET
  - INSULATION UNDERCOVER 60 MM
  - VAPOUR BARRIER
  - LAMINATED WOOD BEAM 160X360 MM

- WOODEN LOAD-BEARING STR.**
- LAMINATED WOOD FRAME 238X1200 MM

- FAÇADE**
- SOLID WOOD PANEL 24 MM - WITH LAMINATED WOOD STUDS 185X80 MM
  - WOODEN CANS 60X35 MM
  - WOODED BATTENS 150X27 MM
  - CUTTING PANEL
  - STEAM BARRIER

- CARPENTRY**
- LAMINATED WOOD 490X80 MM
  - PINE EXTERIOR CARPENTRY
  - TRANSPARENT GLAZING
  - LIGHT CONTROL CURTAIN

- FORGED GROUND FLOOR**
- CONTINUOUS PAVEMENT OF LINOLEUM 10 MM
  - CONCRETE FINISH 80 MM
  - THERMAL ISOLATION 160 MM
  - REINFORCED CONCRETE SLAB 560 MM



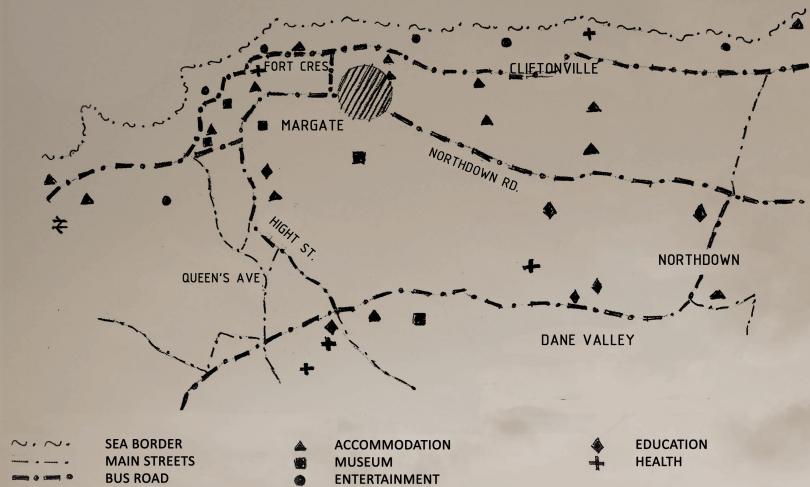
CONSTRUCTION  
DETAIL FAÇADE



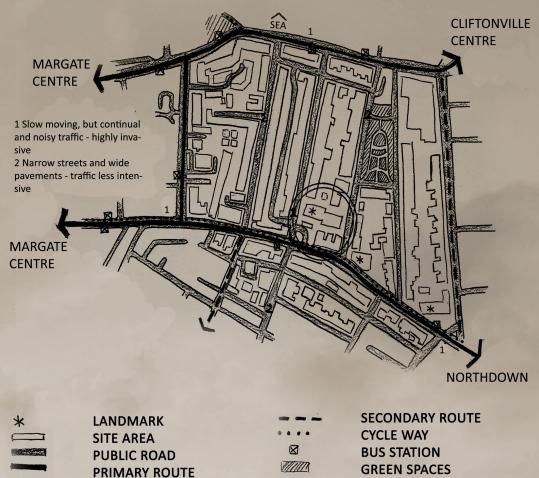
# URBAN ANALYSIS AND STRATEGY

in support of The Arts School Complex

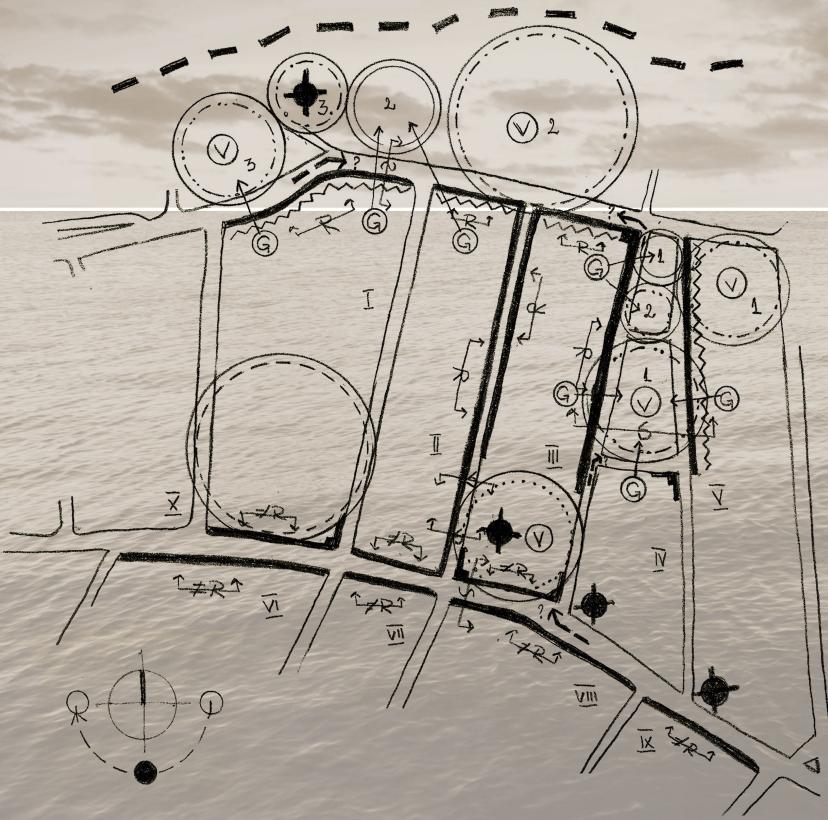
LOCATION DIAGRAM



MOVEMENT DIAGRAM



URBAN STRATEGY DIAGRAM



DEFLECTED VIEW  
X-X  
URBAN BLOCKS  
STREET BORDER  
UTILITIES AREA  
ACTIVITIES AREA  
PARKS AND PLAYGROUNDS  
PARKING AREA  
NO. FOR SAME AREA TYPES IDENTIFICATION

EDGE (WATER)  
BUILDING LINE  
SKYLINE INTEREST  
RYTHM  
NON-RYTHM  
STREET SECTION

VIEWPOINT  
GLIMPSE  
LANDMARK  
IMPORTANT CORNER

COMMERCIAL USE  
RESIDENTIAL AREAS  
MIXED COMMERCIAL AND RESIDENTIAL AREAS  
AFTERNOON SHADOW  
CHANGES IN LEVEL

OFFICES/WORKSHOPS/WAREHOUSES  
EDUCATION BUILDINGS  
CHURCH

LANDSCAPE AND USES DIAGRAMS

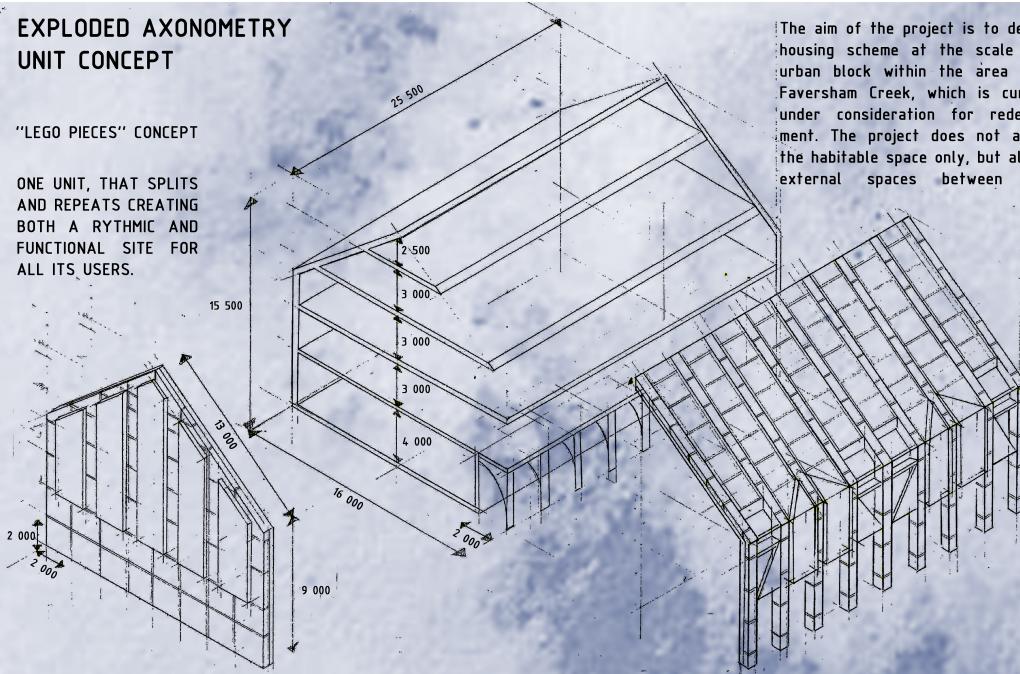


# COLLECTIVE DWELLING

## EXPLODED AXONOMETRY UNIT CONCEPT

### "LEGO PIECES" CONCEPT

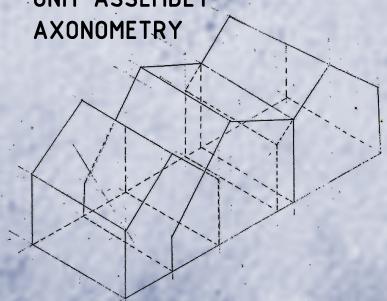
ONE UNIT, THAT SPLITS AND REPEATS CREATING BOTH A RYTHMIC AND FUNCTIONAL SITE FOR ALL ITS USERS.



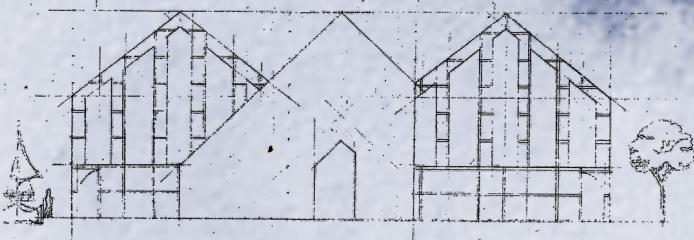
The aim of the project is to design a housing scheme at the scale of an urban block within the area around Faversham Creek, which is currently under consideration for redevelopment. The project does not address the habitable space only, but also the external spaces between build-

ings following a humanistic approach at all scales. The design offers each resident the possibility of enjoying the urban block, both inside their own residence and around it. Besides from the arrangement of the different privacy type spaces that ensure both security and a good circulation flow throughout the entire site, they should have no trouble finding a bench in a public space to sit on, or an area for their children to play no more than a few minutes from their home.

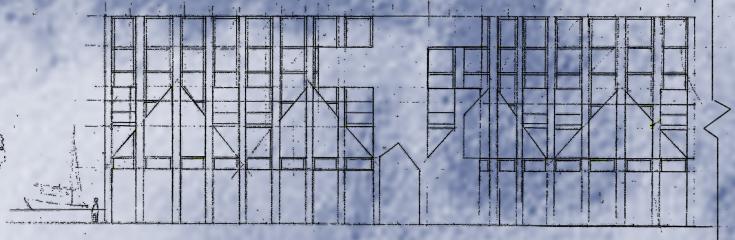
## UNIT ASSEMBLY AXONOMETRY



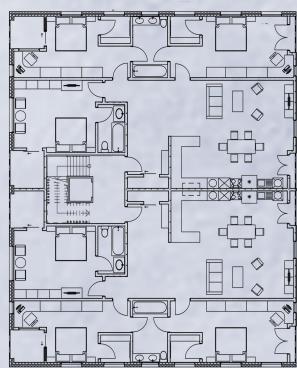
## SHORT ELEVATION



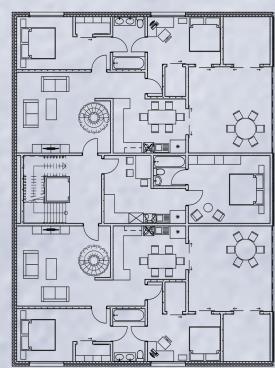
## LONG ELEVATION



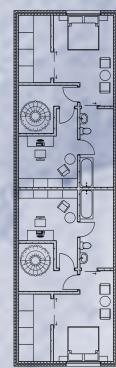
## FIRST AND SECOND FLOOR



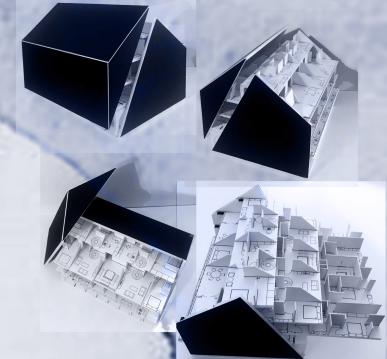
## THIRD FLOOR



## FOURTH FLOOR



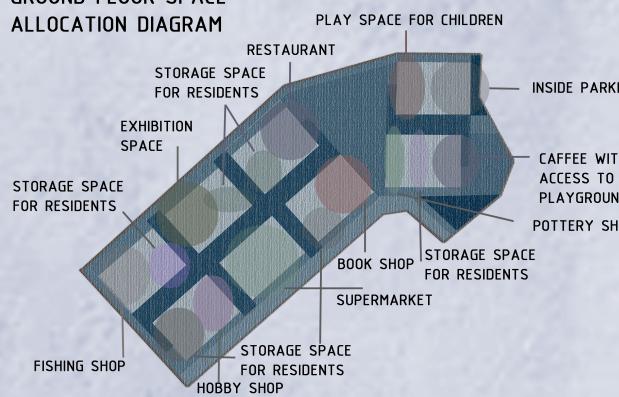
## UNIT PLANS DETAIL MODEL



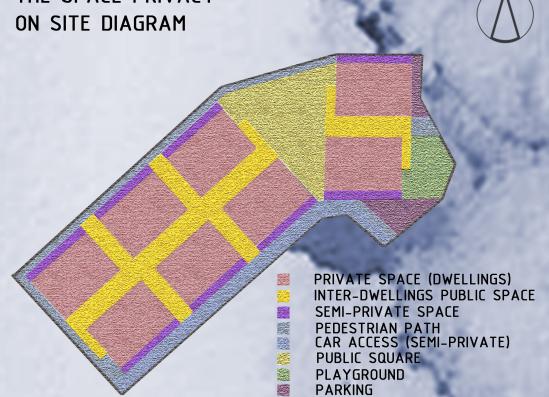
## GROUND FLOOR SPACE ALLOCATION DIAGRAM

The urban block aims to represent a new dynamic polyvalent area in the city, that supports local businesses and enhances the heritage of the city.

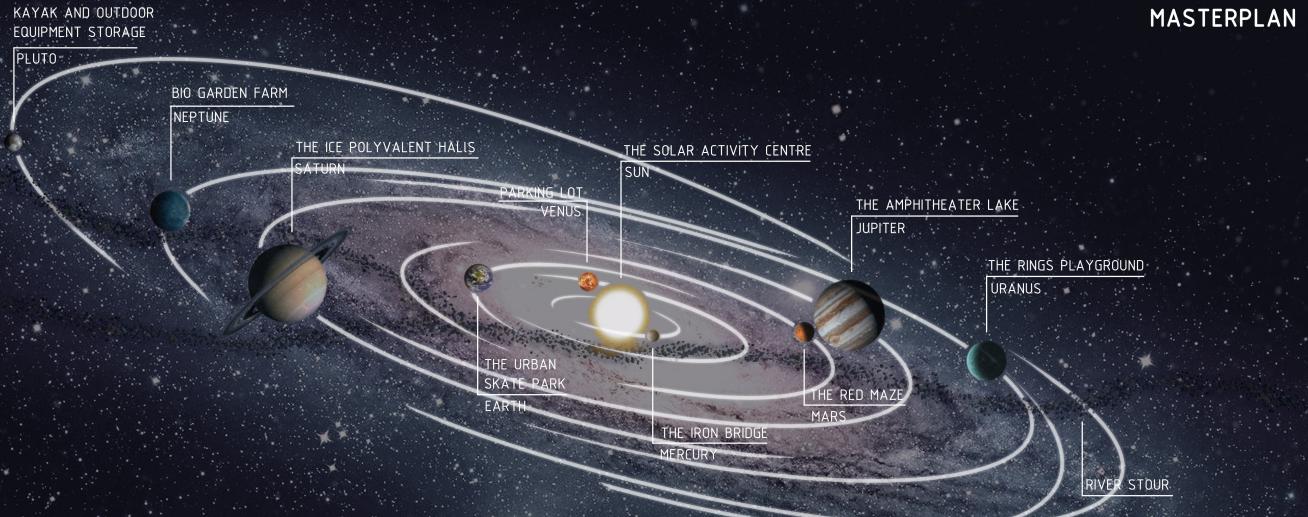
According to the plan, no habitable rooms are located on the ground floor because of the existent risk of a flood, which is high in Faversham. Eventually, the ground floors have community, commercial, leisure and storage functions.



## THE SPACE PRIVACY ON SITE DIAGRAM



# THE SOLAR SYSTEM ACTIVITY CENTRE



The buildings and landscape of the project interact with the remains of the South Canterbury Hythe or Elham Valley Railway line on the Hambrook Marsh. The railway line originated at Canterbury West and traveled to Folkestone, Dover & Hythe via Wincheap, opened in 1887 and closed in 1947. The project proposes a new building, an associated landscape and activity spaces, that form an activity center offering opportunities for people, particularly adults, though not exclusively, to get fit through play and exercise, but also to pursue hobbies and take part in recreational activities. The site has vehicular access from Whitehall Road and a foot and cycle bridge connects the disused railway with Wincheap. One other form of access to the site is through kayakson the river Stour that connects

the center of the city with the activity center. The kayaks already represent a touristic activity in Canterbury and by allowing an expansion of their route on the site, there will be provided clearer visibility to the activity center and a new touristic point, the last component mentioned practically contributing to better engagement and participation. The mixture between the river extension and the rise of the landscape would be encompassed in the plan as a very relevant element, as well, because it would efficiently prevent the flooding of the site as River Stour that runs alongside the south border (of the site) may rise by one meter annually. The concept of the project is the Solar System, all buildings and areas representing the planets, while their size and position on-site follow the natural

proportions found in the Solar System. The sun illustrates the Solar Activity Centre's main building; all the other areas gravitate around it, giving the site a well-balanced and functioning circulation flow, while the raised on edges landscape creates a concentric feeling which naturally leads the users to the center. These characteristics of the site make the orientation feel easy and natural, enabling its users to feel comfortable and confident in their interaction with the activity center. The main building is designed to honor the site's heritage by taking the form of a gothic cathedral, rationalized in a brutalist style, inspired from the Canterbury Cathedral, which can be seen at the horizon from the site, and represents the most relevant landmark of the city.



MAIN BUILDING STRUCTURE  
EXPLODED AXONOMETRY

