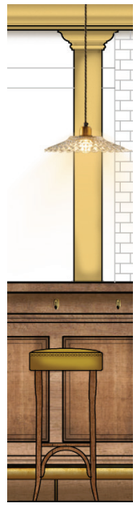
YULIA HRYMALSKA | PORTFOLIO

MACKENZIE WHEELER PROJECTS // PG 1-5

2022-2024

'H&W KINGS BARTON' PUB



'WILD DUCK' PUB

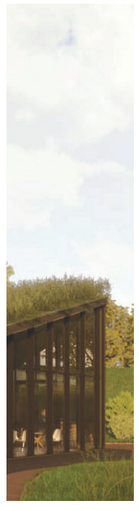
'TRIGGS OAST' HOUSE

'BRISTOL & AVON' HOTEL

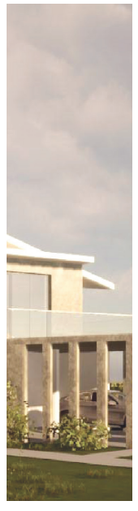
'BUTE HOUSE' SCHOOL

UNIVERSITY PROJECTS // PG 6-14

2019-2024



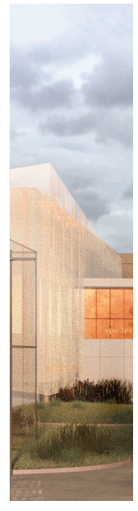
PARK CAFE



RESIDENTIAL MODULAR HOUSE

RESIDENTIAL HOUSE

HOTEL & RESTAURANT



SPORTS SCHOOL

EXHIBITIONARY COMPLEX

‘H&W KINGS BARTON’ PUB // 01

Mackenzie Wheeler project, 2022
Made with: AutoCAD, SketchUp

H&W Kings Barton Pub is a design proposal for a hospitality venue in the soon to be built suburb of Kings Barton. The proposed pub is a critical part of this development as it connects the park, town square and central avenue. The pub itself is a mix of green brick, external wall finishes and a zinc seam roof.

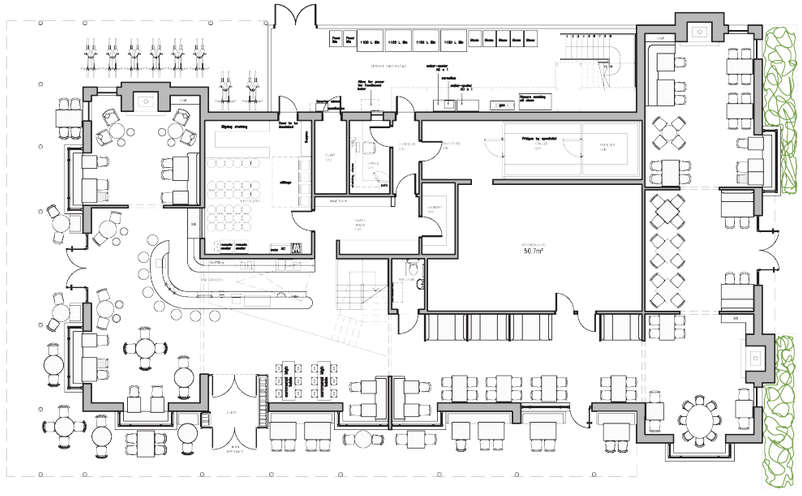
For this project, I closely collaborated with senior architects and an interior designer to develop the proposed planning layout, 3D model, and elevations for the future Kings Barton Pub. Through a team analysis of the master plan, I contributed to demonstrating how the company's vision for the project could be integrated into the new suburb's master plan, fulfilling its hospitality purposes and serving as a successful addition to a new living area in the UK.

ELEVATION A

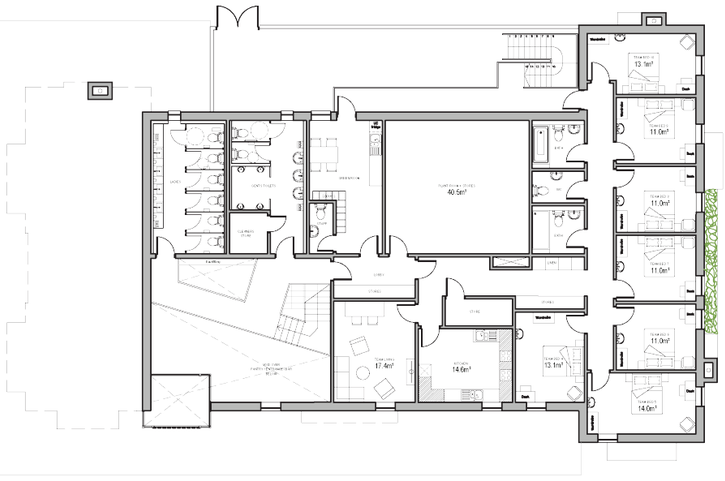
ELEVATION B

MASTER PLAN

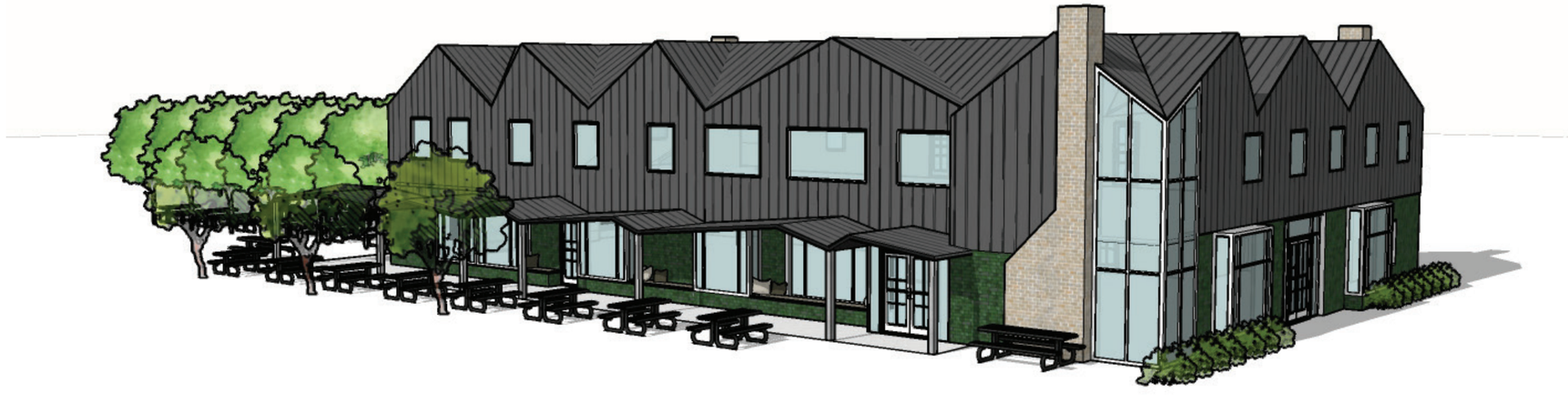
1. The Park
2. The Place
3. The Square
4. The Avenue
5. Public House
6. Office / Education Building
7. Community Building
8. Extra Care
9. Nursery
10. Retail
11. Foodstore
12. Residential
13. Events Space
14. Primary School (under construction)
15. Pedestrian Access to existing footpath along the Ridge
16. Pedestrianised Area
17. Access route to the Old Andover Road (and Henry Beaufort School)
18. The swale
19. Ridgeline



GROUND FLOOR PLAN



1ST FLOOR PLAN

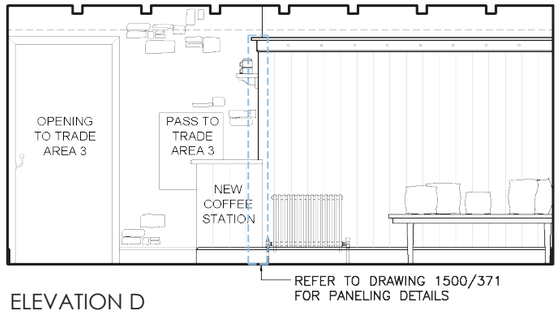


‘WILD DUCK’ PUB // 02

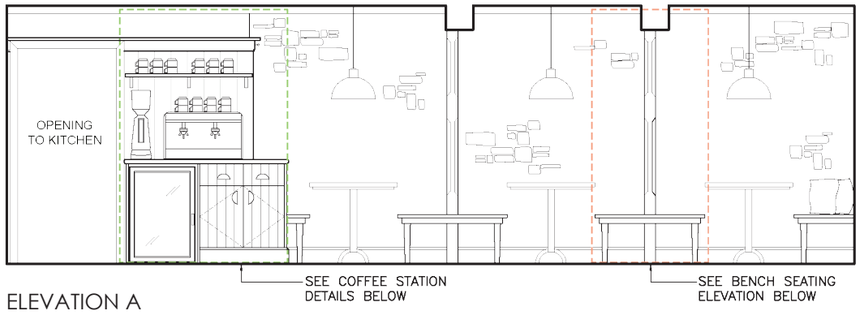
Mackenzie Wheeler project, 2019
Made with: AutoCAD, SketchUp, Photoshop

Wild Duck Pub is a listed building in which Mackenzie Wheeler prepared a repair and restoration strategy for. The primary goal was to preserve its historic character whilst improving accessibility and revitalizing the interior. The new design not only reclaims the pub but also re-establishes it as an important cultural heritage asset to the town.

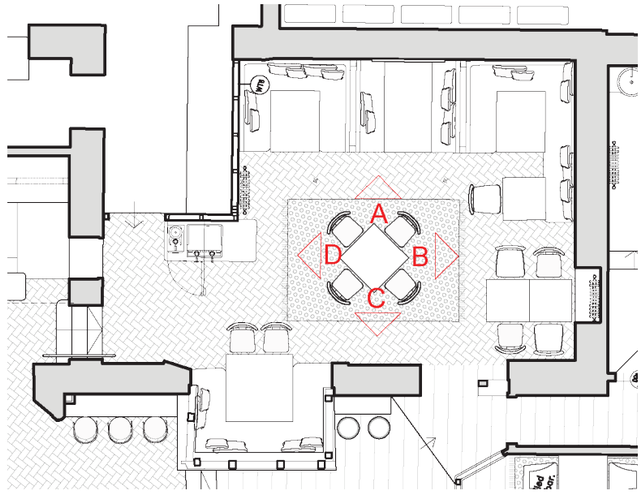
With guidance from senior architects and an interior designer, I produced a comprehensive set of drawings, including planning layouts, sections, elevations, and detailed drawings, to accurately present Mackenzie Wheeler’s vision to the client. Given the historical importance of the listed building, I paid particular attention to survey drawings to highlight all elements of the existing construction that needed preservation. Additionally, I prepared multiple drawings supported by schedules to provide contractors with information about bespoke on-site elements and fire regulation requirements.



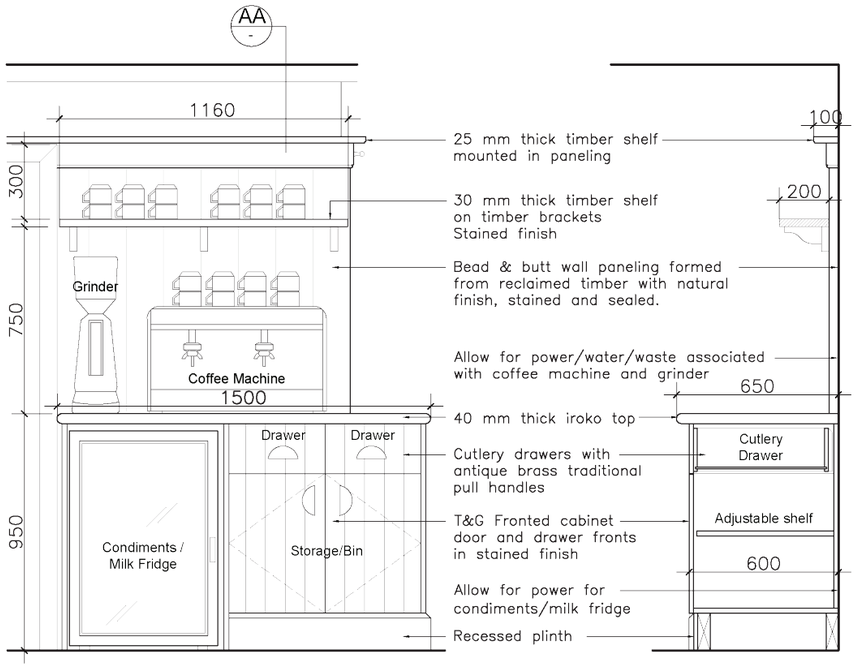
ELEVATION D



ELEVATION A

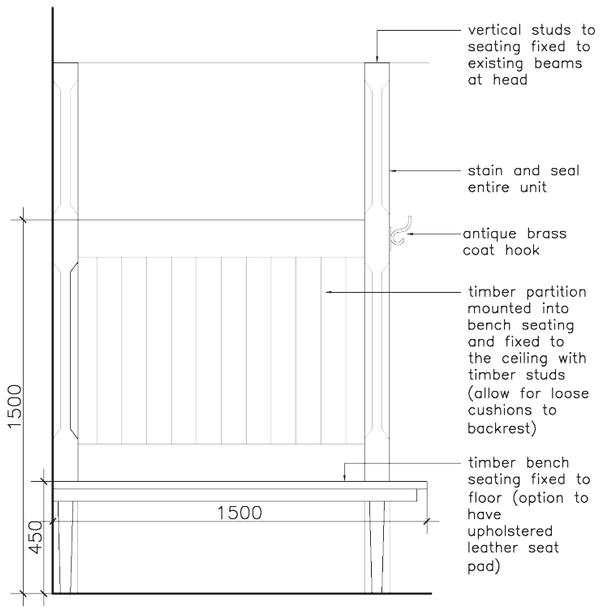


PROPOSED PLAN FOR ONE OF THE TRADING AREAS



COFFEE STATION ELEVATION

SECTION A-A



BENCH SEATING ELEVATION

PROPOSED COLOURED ELEVATION

EXISTING INTERIOR

EXISTING BUILDING

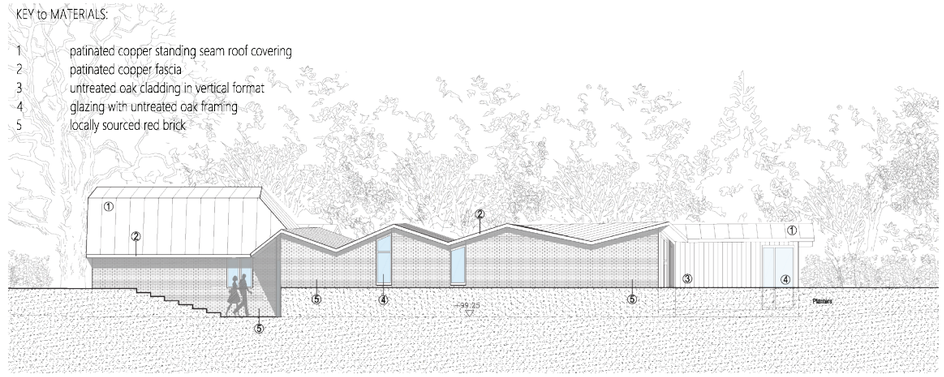
‘TRIGGS OAST’ HOUSE // 03

Mackenzie Wheeler project, 2023
Made with: AutoCAD, SketchUp

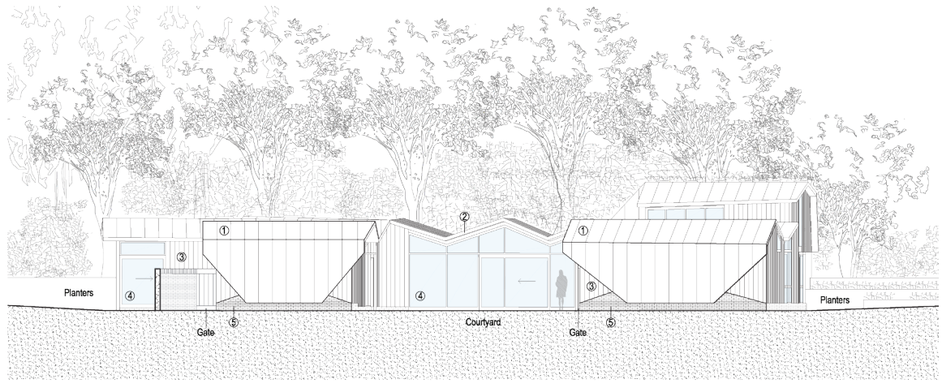
‘Triggs Oast’ House is a residential property situated on the southern edge of Goudhurst, Kent. Due to the historic heritage of the area Mackenzie Wheeler formulated a modern design that incorporates the landscape and native architecture. The final result is a new addition to Goudhurst that seamlessly integrates into the local area. The configuration of the roof, locally sourced materials and exterior colors are designed to imitate the local surroundings. All of these elements make the design unique, sustainable and alluring.

Through researching the area's history and local materials, and with the guidance of senior architects, I developed plans, a 3D model, and elevations to accurately showcase Mackenzie Wheeler’s unique vision for the ‘Triggs Oast’ house.

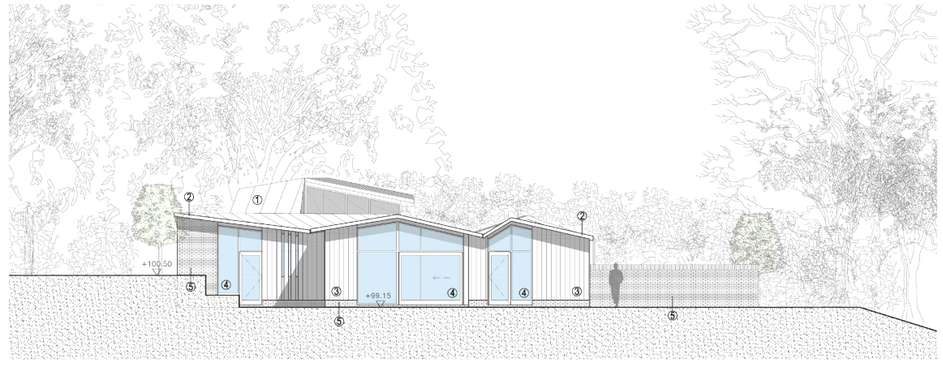
GROUND FLOOR PLAN



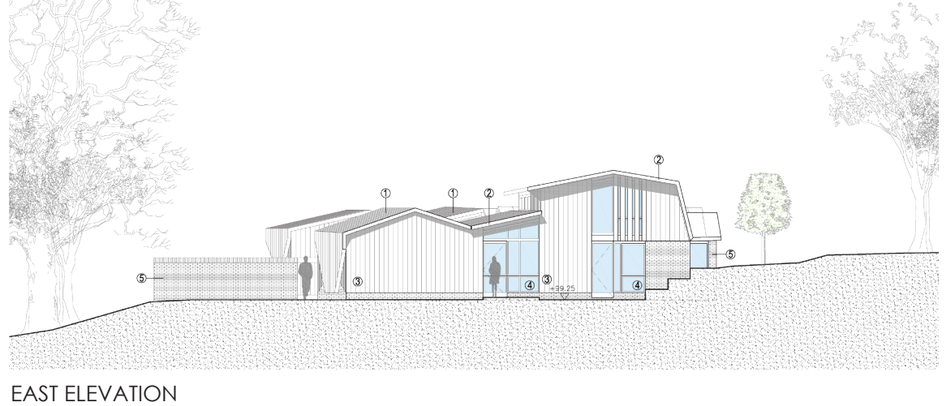
NORTH ELEVATION



SOUTH ELEVATION



WEST ELEVATION



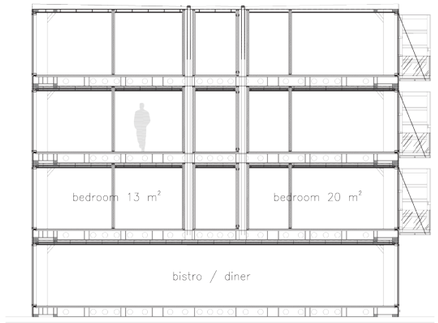
EAST ELEVATION

‘BRISTOL & AVON’ HOTEL // 04

Mackenzie Wheeler project, 2022
Made with: AutoCAD, SketchUp

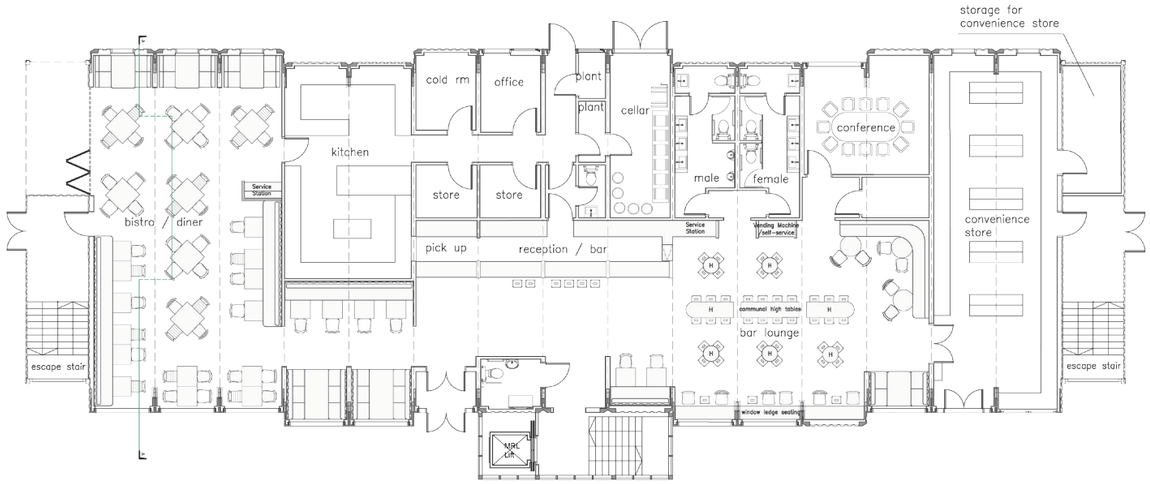
Bristol & Avon hotel is a sustainable design project which utilises used shipping containers as it’s core foundation. The quick-build hotel which is situated next to a large truck stop provides all necessary amenities for drivers such as a diner, dining room, gym and convenience. All of the above make this design an alluring destination for truckers who are looking for s break in their journey.

For this project, I developed several concepts for container arrangements for a future hotel using 3D modeling. One of my designs was approved by the senior architect for further detailing. Consequently, I refined the proposed planning layout, created sections that highlighted finishes and soundproof partitions between containers, and adjusted the existing site plan to incorporate the new building.

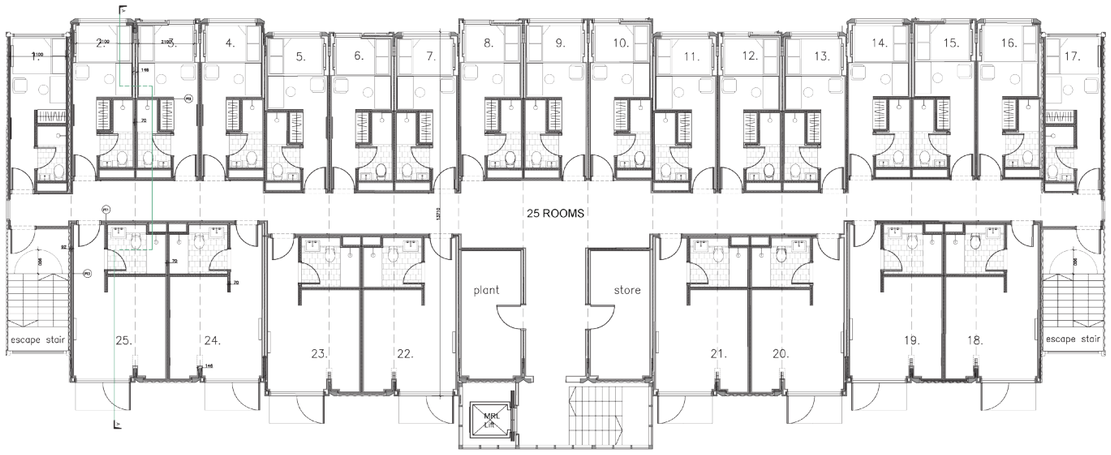


SECTION A-A

FRONT ELEVATION

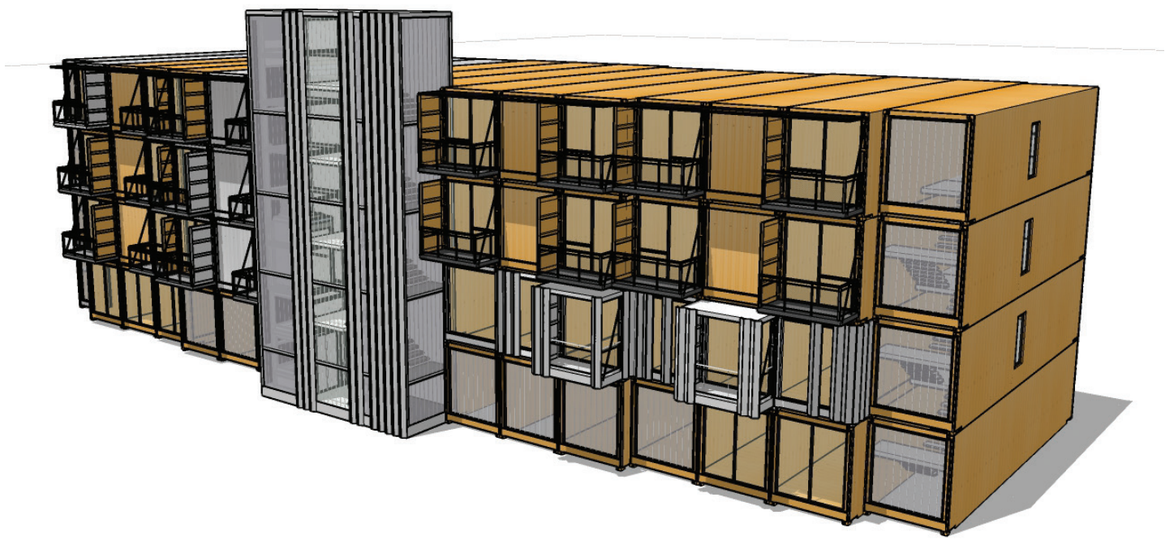


GROUND FLOOR PLAN



TYPICAL FLOOR PLAN

SITE PLAN



‘BUTE HOUSE’ SCHOOL // 05

Mackenzie Wheeler project, 2024
Made with: AutoCAD, SketchUp

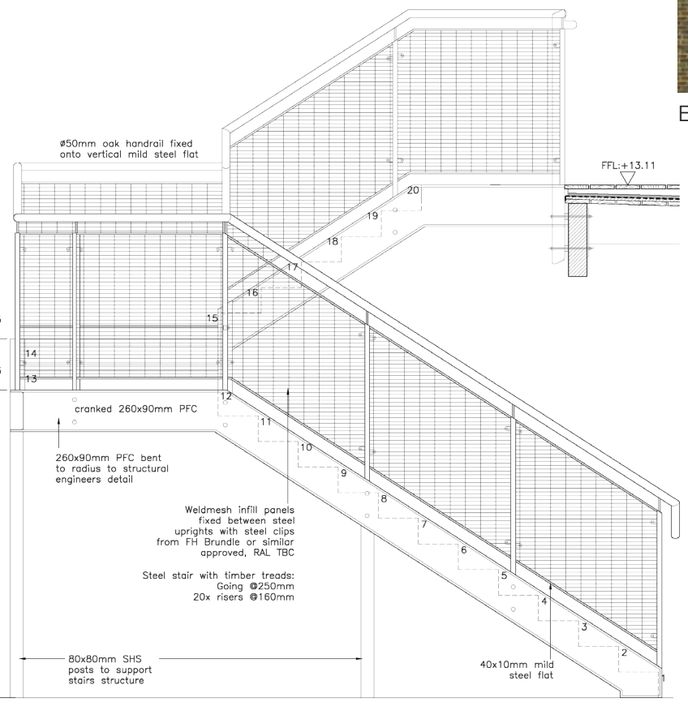
Bute House School is a renovation project where we developed a timber deck that better connects the different floors via four posts whilst simultaneously providing innovative seating on both floors. Furthermore, the court in the front of the school was redesigned as well as a classroom.

For this project, I developed the geometry of the central timber structure supporting a new platform, aligning with the senior architect’s vision and structural engineers' requirements. I reviewed multiple hand drawings provided by the school to understand how the new construction could be integrated with the existing building. Furthermore, I created 3D models of the timber structure and renovated classroom to give contractors visual information about the unique technical solutions, particularly the complex drainage system for the timber platform.

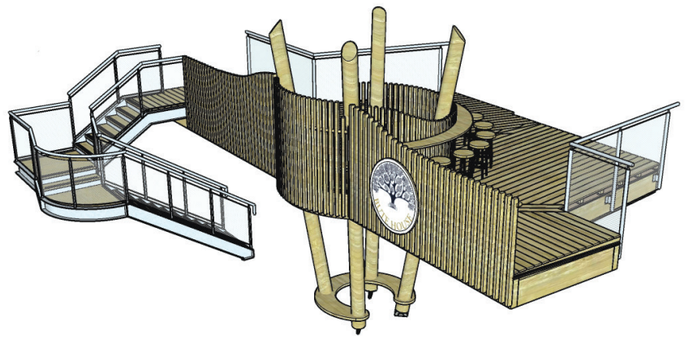
ENTRANCE VIEW ON PROPOSED RENOVATIONS

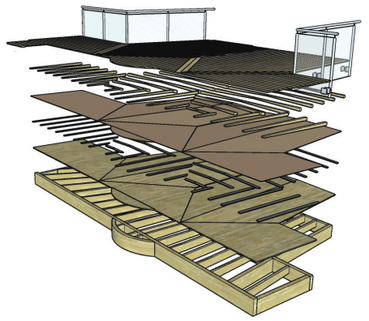
PROPOSED TIMBER CONSTRUCTION

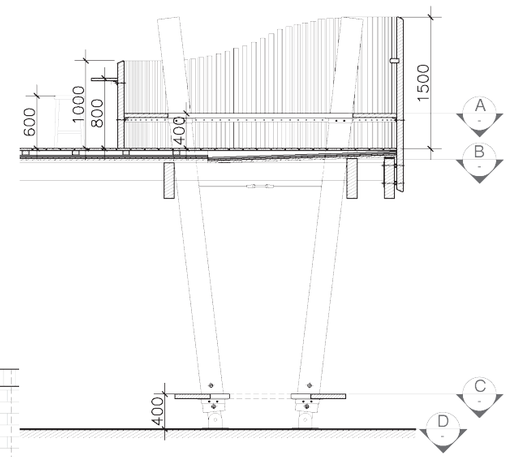
PROPOSED CLASSROOM



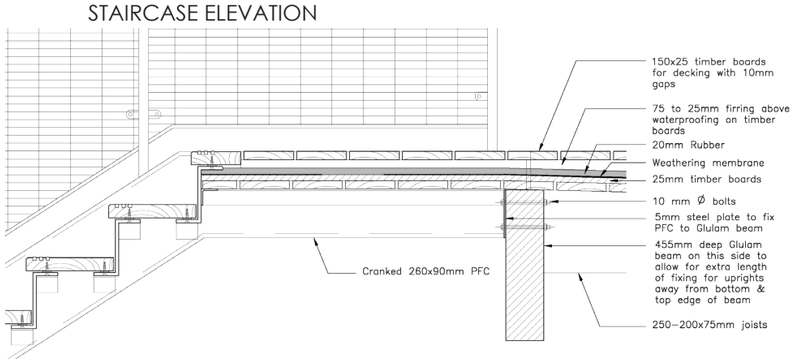
STAIRCASE ELEVATION



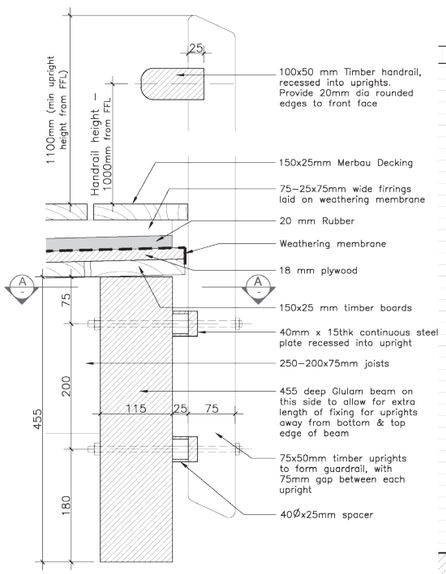




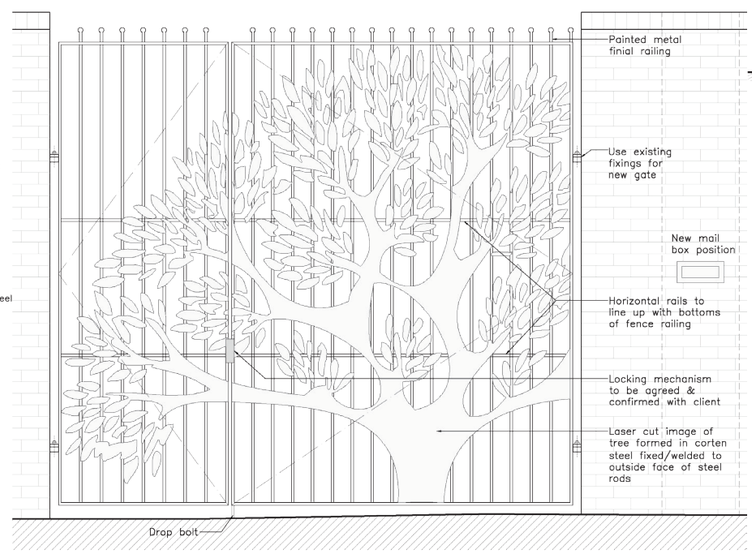
TIMBER SEATING - VERTICAL SECTION



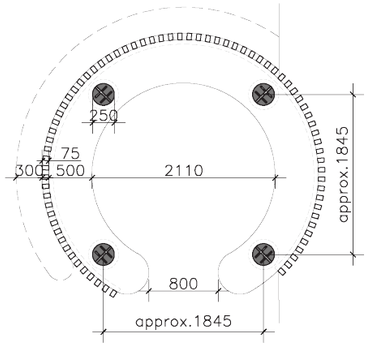
STAIRCASE - TIMBER PLATFORM JUNCTION



BALUSTRADE - TIMBER PLATFORM JUNCTION



GATE DETAILS

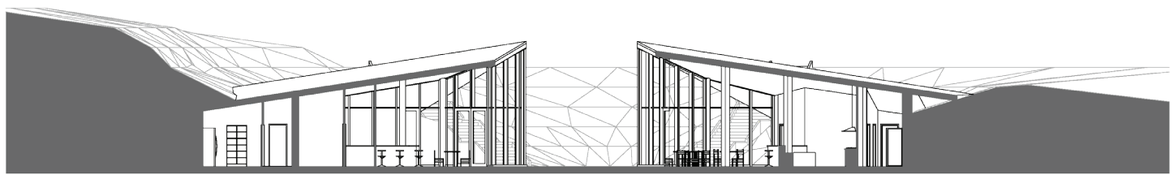


SECTION A-A

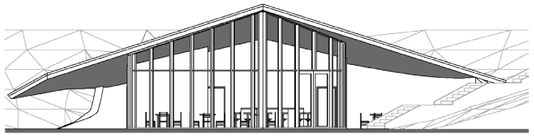
PARK CAFE // 06

2nd year university project, 2019
Made with: Archicad, Lumion, Photoshop

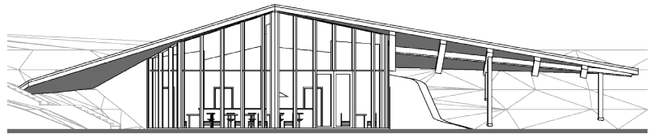
The project is based on the idea of using the landscape of the park. With this technique, the building does not stand out from the general natural environment, but becomes an appropriate addition. The whole complex consists two separete building parts: cafe and bar. Due to this features people have opportunity to choose what type of rest works for them better.



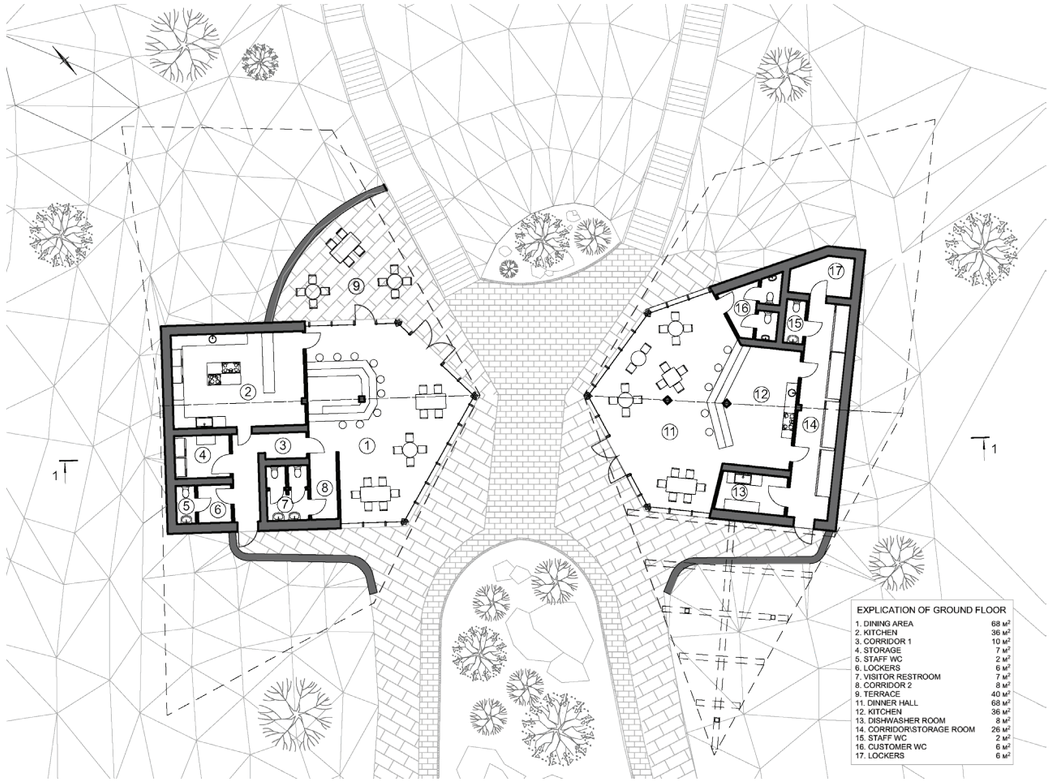
SECTION 1-1



WEST ELEVATION



EAST ELEVATION

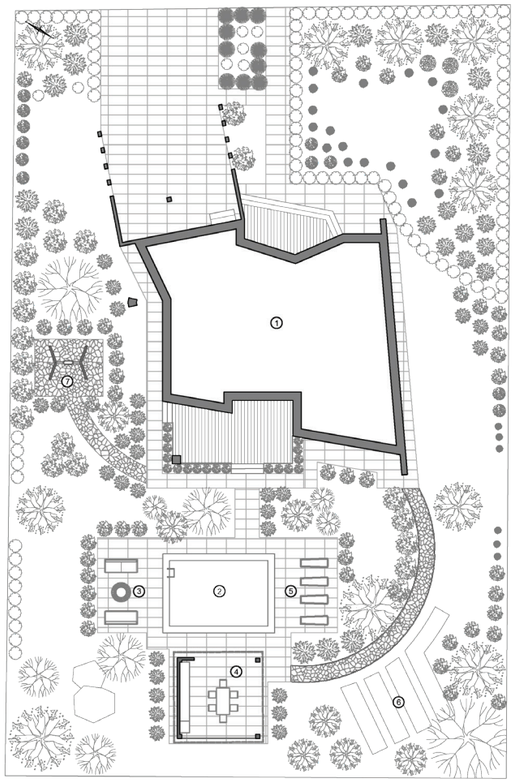


PLAN

RESIDENTIAL HOUSE // 07

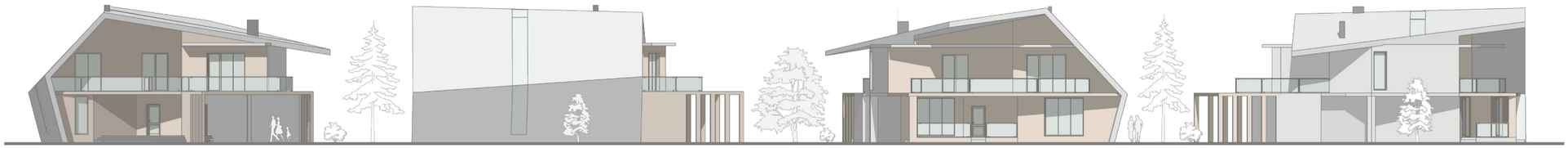
2nd year university project, 2019
Made with: ArchiCAD, Twinmotion, Lumion, Photoshop

Residential House: The 'Residential House' project is unique because of it's shape and unconventional planning. However, it provides all the necessary elements for comfortable living. The pastel colors of the facade aim to stimulate a sense of calm whilst the interior design reflects the consciousness from the inside. Natural materials, minimalism of decor, clarity of form and straight lines are intended to evoke purity of thought and relaxation amongst it's residents.

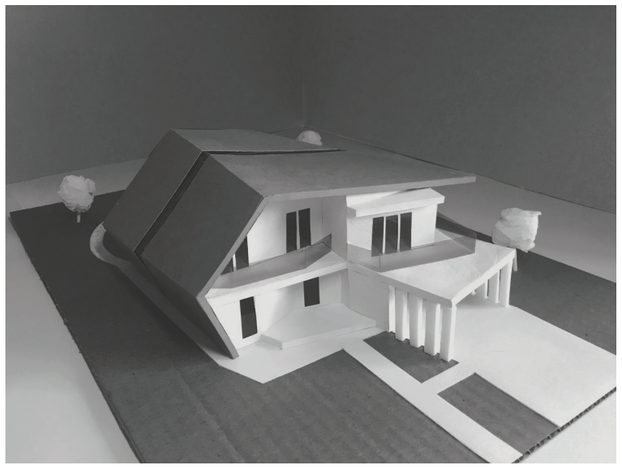


SITE PLAN

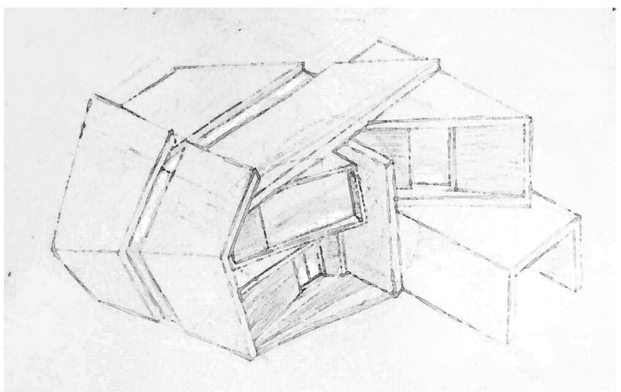
KEY TO SITE PLAN:
1- RESIDENTIAL HOUSE, 2 - POOL, 3,5,7 - RECREATION AREAS, 4 - BBQ AREA, 6 - GARDEN



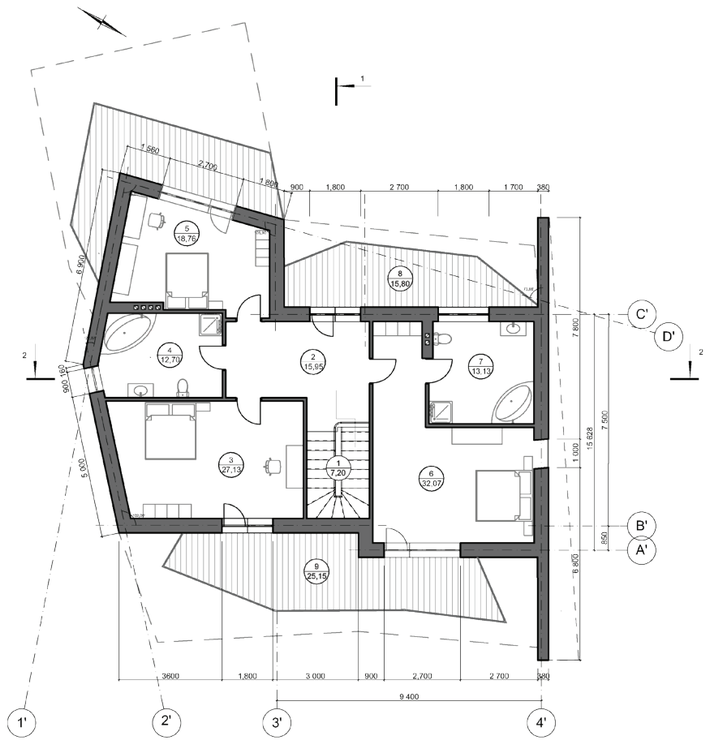
NORTH ELEVATION EAST ELEVATION SOUTH ELEVATION WEST ELEVATION



MODEL

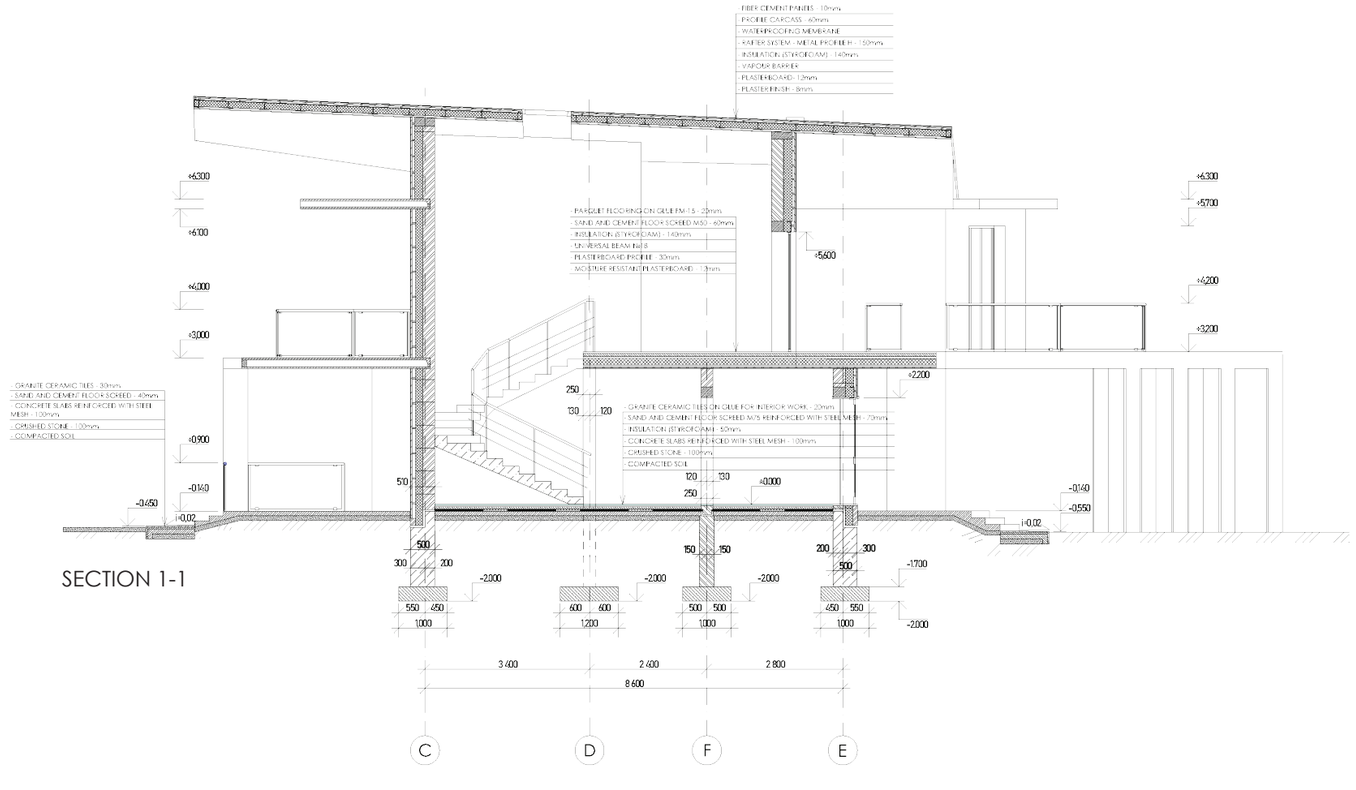


SKETCH

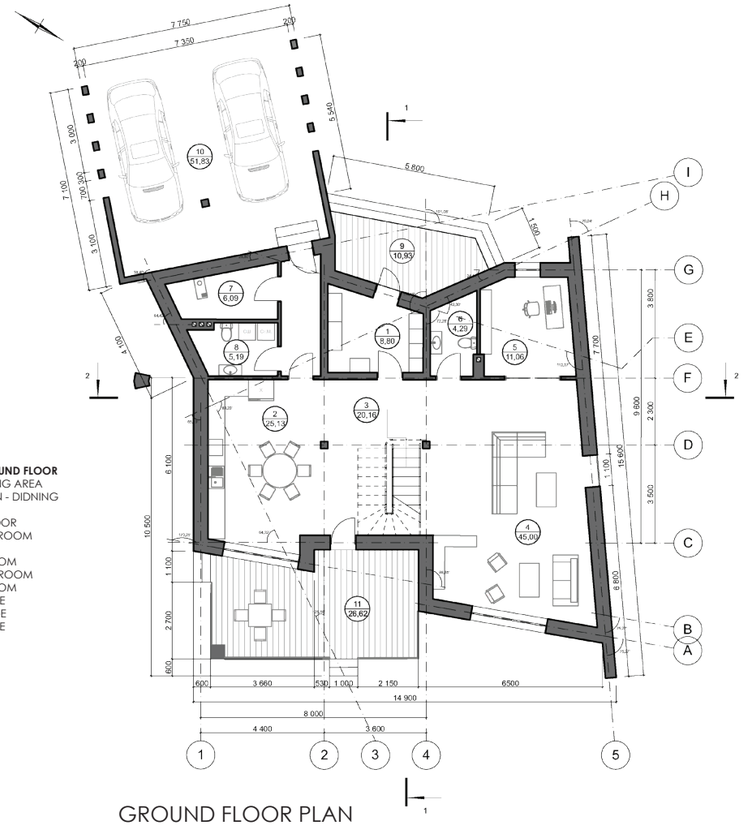


KEY TO FIRST FLOOR
1. STAIRCASE
2. CORRIDOR
3. BEDROOM
4. BATHROOM
5. BEDROOM
6. BEDROOM
7. BATHROOM
8. BALCONY
9. BALCONY
10. BALCONY

FIRST FLOOR PLAN

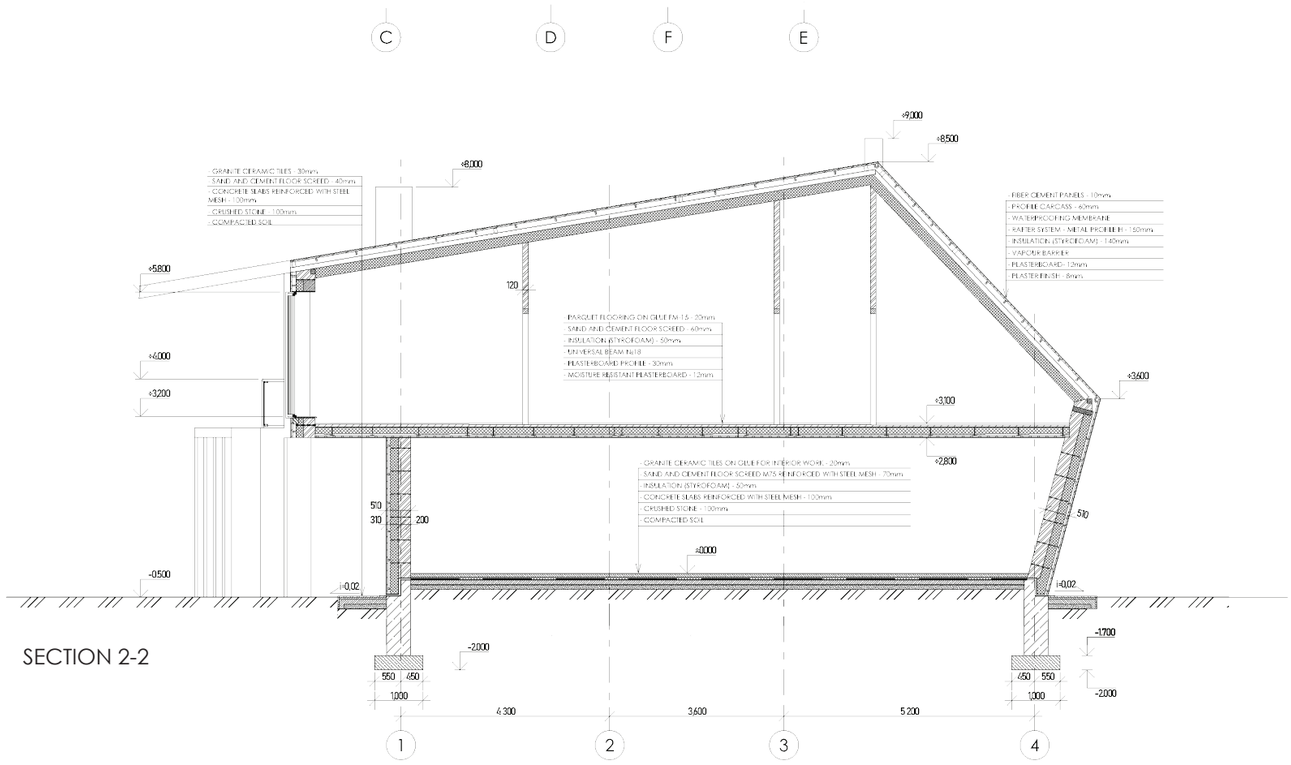


SECTION 1-1



KEY TO GROUND FLOOR
1. GREETING AREA
2. KITCHEN - DIDNING ROOM
3. CORRIDOR
4. LIVING ROOM
5. STUDY
6. RESTROOM
7. BOILER ROOM
8. RESTROOM
9. TERRACE
10. GARAGE
11. TERRACE

GROUND FLOOR PLAN

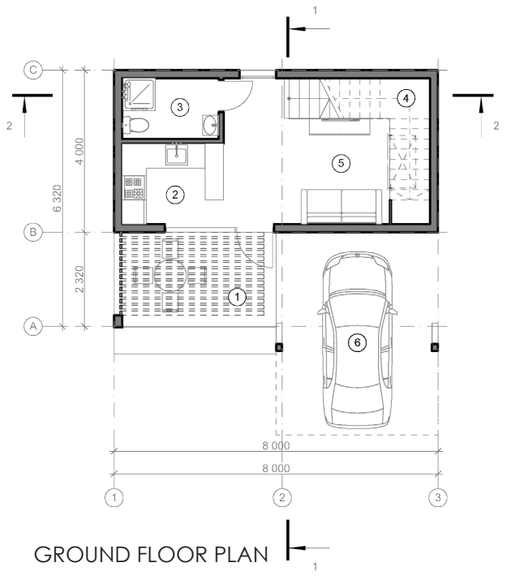


SECTION 2-2

RESIDENTIAL MODULAR HOUSE // 08

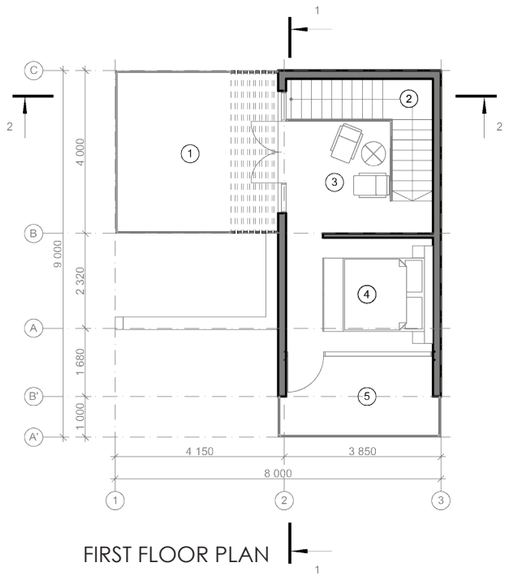
3rd year university project, 2021
Made with: ArchiCAD, Twinmotion, Photoshop

Modular construction is one of the most efficient methods of building. This design is not overly expensive and can be easily replicated or transported to other areas. Due to the design, this can be built as a temporary home, summer house or be used as an extension onto an existing property.



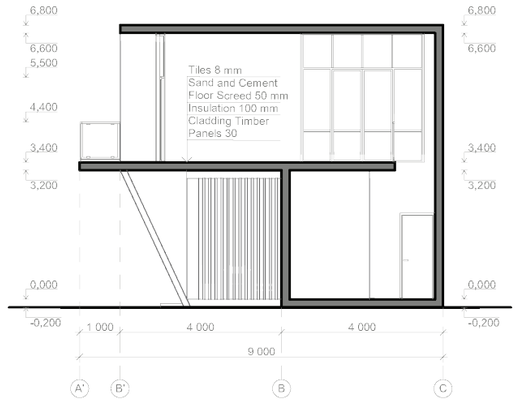
GROUND FLOOR PLAN

KEY TO GROUND FLOOR	m²
1. TERRACE	8,8
2. KITCHEN	6,4
3. RESTROOM	3,5
4. STAIRCASE	5,5
5. LIVING ROOM	11,4
6. PARKING SPACE	20,0

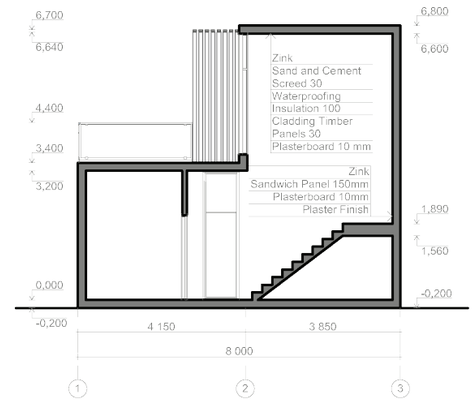


FIRST FLOOR PLAN

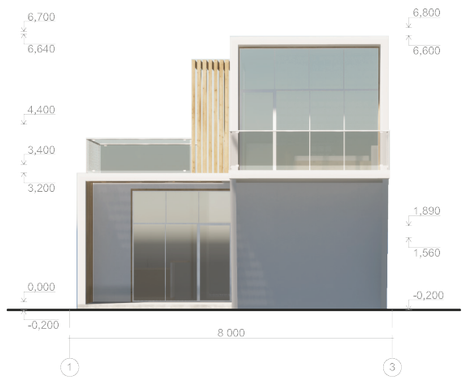
KEY TO 1ST FLOOR	m²
1. TERRACE	16,0
2. STAIRCASE	5,5
3. HALL	8,4
4. BEDROOM	10,1
5. BALCONY	7,7



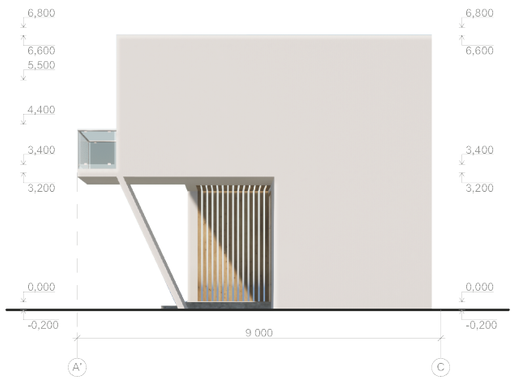
SECTION 1-1



SECTION 2-2



ELEVATION 1-3

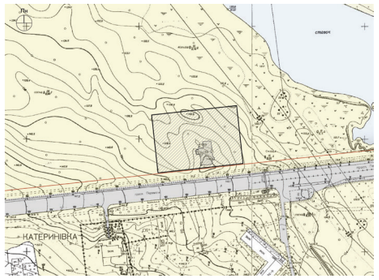


ELEVATION A`- C

HOTEL & RESTAURANT // 09

4th year diploma project
Made with: Archicad, Lumion, Homestyler, Photoshop

This Hotel & Restaurant is located in a dense and coniferous forest next to a wide avenue for adept accessibility. The design consists of three main volumes, a restaurant, a hotel and a main hall. The restaurant appears to levitate above the ground floor which provides guests an opportunity to gaze into the tranquility of the forest whilst enjoying a meal. The earth tones of the facade and interiors create an organic synergy between the premises and the natural environment that surrounds it.

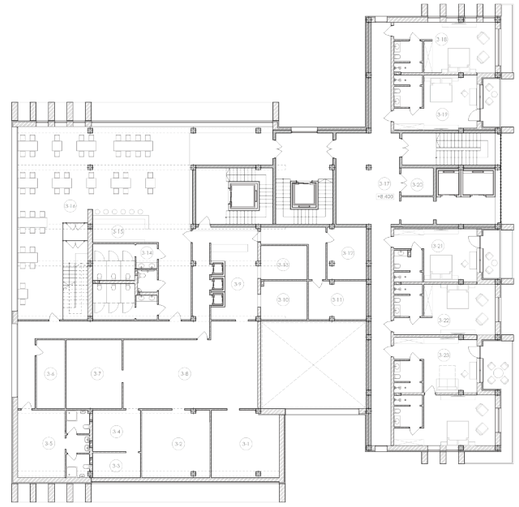


MASTER PLAN

3RD FLOOR PLAN

KEY TO 3RD FLOOR

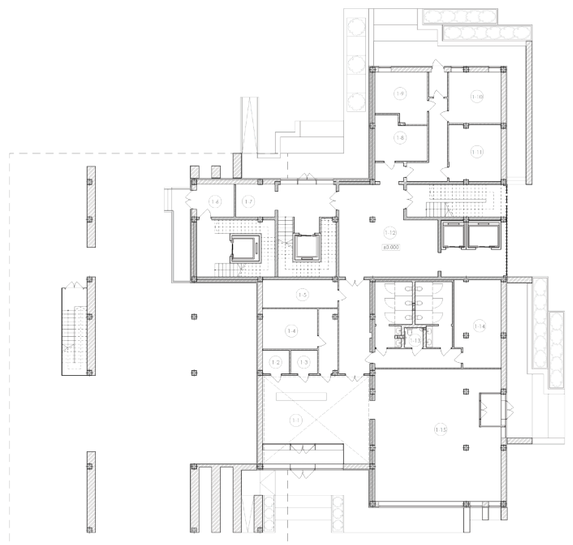
4-1 DINING HALL
4-2 BAR
4-3 RESTROOM
4-4 BAR
4-5 STAFF ROOM
4-6 BEAUTY SALON
4-7 HALL
4-8 STANDART DOUBLE ROOM
4-9 STANDART DOUBLE ROOM
4-10 CLEANING SUPPLIES' STORAGE
4-11 STANDART DOUBLE



2ND FLOOR PLAN

KEY TO 2ND FLOOR

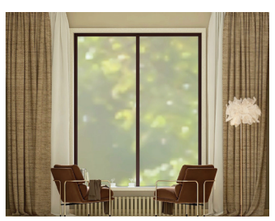
3-1 WALK-IN COOLER
3-2 BUTCHERY
3-3 EGGS WASHING STATION
3-4 KITCHEN UTENSILS WASHING
3-5 STAFF ROOM
3-6 EQUIPMENT STORAGE
3-7 FRIDGE VEGETABLES
3-8 HOT ZONE
3-9 SERVING AREA
3-10 PASTRY
3-11 DRY STORE
3-12 FREEZER
3-13 DISH WASHING
3-14 RESTROOM
3-15 BAR
3-16 DINING HALL
3-17 HALL
3-18 STANDART DOUBLE ROOM
3-19 STANDART DOUBLE ROOM
3-20 CLEANING SUPPLIES' STORAGE
3-21 STANDART DOUBLE ROOM
3-22 STANDART DOUBLE ROOM
3-23 DELUX DOUBLE ROOM

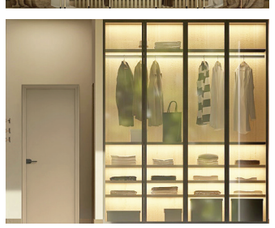


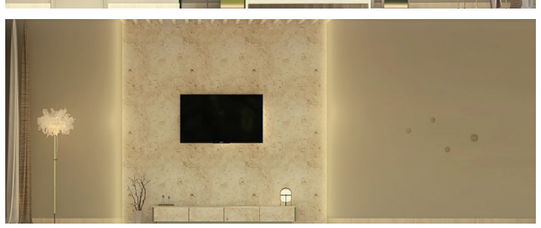
GROUND FLOOR PLAN

KEY TO GROUND FLOOR

1-1 LOBBY AREA WITH RECEPTION
1-2 SAFE
1-3 LUGGAGE ROOM
1-4 STAFF ROOM
1-5 SECURITY
1-6 LOADING BAY
1-7 CLOAKROOM
1-8 MEDICAL CENTRE
1-9 HEAD'S OFFICE
1-10 HEAD'S ASSISTANT OFFICE
1-11 ADMINISTATOR'S ROOM
1-12 HALL
1-13 RESTROOM
1-14 STORE
1-15 LOBBY BAR







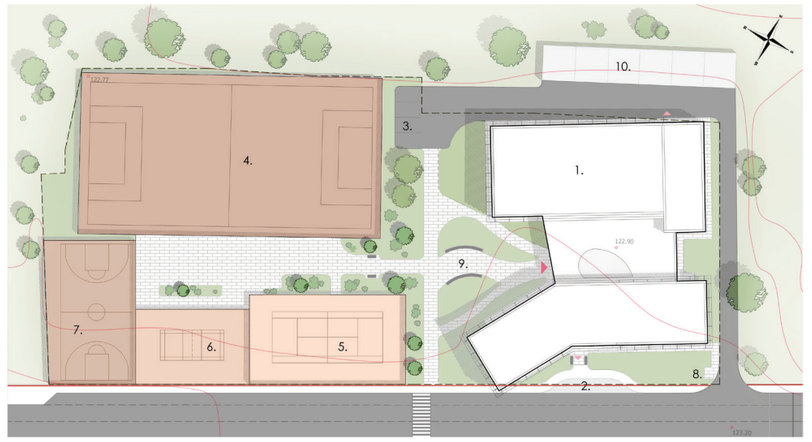
SPORTS SCHOOL // 10

Architectural Competition, 2022
Made with: SketchUp, V-Ray, Revit, AutoCAD, Photoshop

The Sports School project was created as part of a competition for the reconstruction of a destroyed city in Irpin, Ukraine. As a team we presented an idea of a spacious building that appears welcoming in it's shape and colors, a full contrast to it's dark past. Our concept displays a modern building that provides all necessary amenities for children whilst staying relevant in the context of the remaining infrastructure.

For the competition, I assembled a team where my primary role involved developing the concept. I oriented the main entrance towards the internal sports yard to create a recreational area for visitors while ensuring the dimensions met the developer's requirements. Additionally, I detailed the Revit 3D model in SketchUp and created visualizations of the main perspective, school hall, and gym using V-Ray. I also produced the site plan in AutoCAD, incorporating a renovated courtyard and preserving existing sports fields. Finally, I photoshopped all team-developed materials and compiled them for the final presentation at the competition.

MASTER PLAN



SITE PLAN

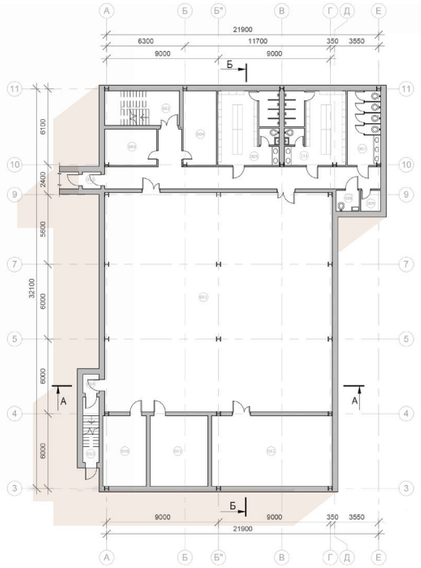
KEY TO SITE PLAN

1. CHILDREN'S SPORTS SCHOOL
2. BUS APPROACH AREA
3. TEMPORARY PARKING
4. FOOTBALL FIELD
5. TENNIS COURT
6. BADMINTON COURT
7. BASKETBALL COURT
8. RUBBISH COLLECTION AREA
9. RECREATION AREA
10. GARAGES

- PAVEMENT
- ASPHALT
- GRASS
- BUSHES & TREES
- SPORTS FIELDS
- RED LINES
- SITE BOUNDARIES
- MAIN ENTRANCE
- EVACUATION EXIT

KEY TO MASTER PLAN

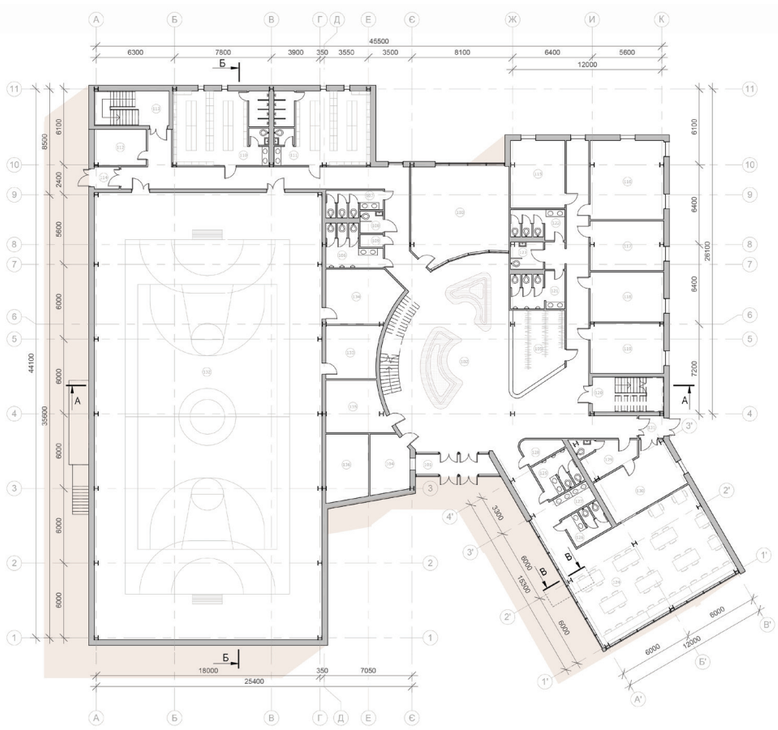
- SITE AREA
- PARKS AND SQUARES
- MAIN ROADS
- SECONDARY ROADS
- PEDESTRIAN PAVEMENTS



KEY TO BASEMENT

001 WRESTLING HALL
002 STAIRCASE
003 COACH`S ROOM
004 PLANT
005 MEN`S LOCKERS
007 RESTROOM
008 AWC
009 UTILITY ROOM
010 INVENTORY
011 PLANT
012 PREMISES FOR SHELTER NEEDS
013 STAIRCASE
014 TAMBOUR
015 TAMBOUR

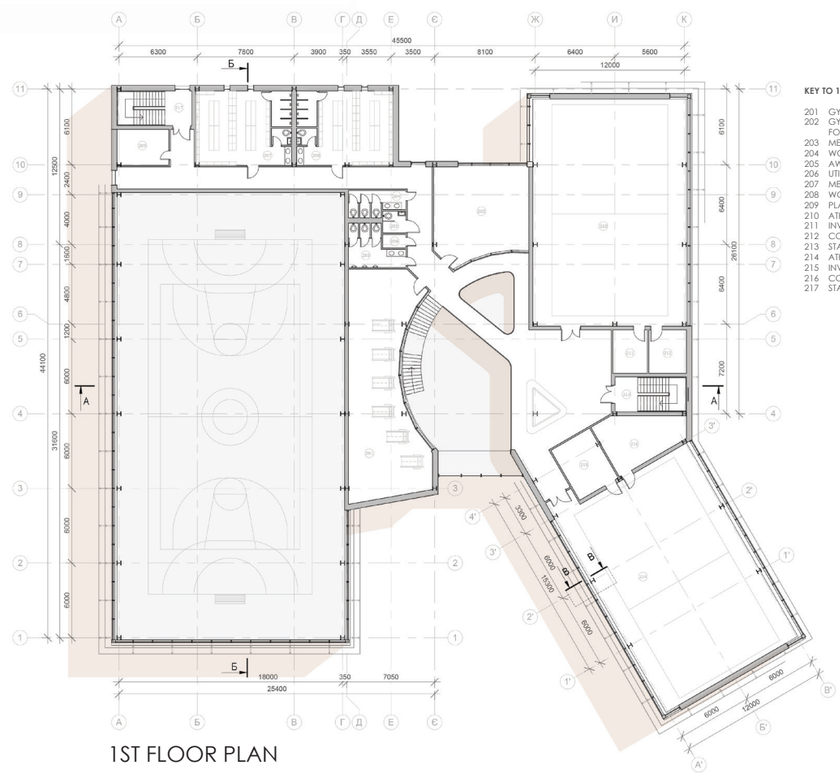
BASEMENT PLAN



KEY TO GROUND FLOOR

101 TAMBOUR
102 ATRIUM
103 GYMNASTIC STUDIO FOR RENT
104 SECURITY ROOM
105 CLOAKROOM
106 MEN`S RESTROOM
107 WOMEN`S RESTROOM
108 AWC
109 UTILITY ROOM
110 MEN`S LOCKERS
111 WOMEN`S LOCKERS
112 PLANT
113 STAIRCASE
114 TAMBOUR
115 NURSE`S OFFICE WITH PROCEDURE ROOM
116 MEETING ROOM
117 COACHES` ROOM
118 COACHES` ROOM
119 COACHES` ROOM
120 STAIRCASE
121 MEN`S RESTROOM
122 WOMEN`S RESTROOM
123 AWC
124 BUFFET
125 MEN`S RESTROOM
126 WOMEN`S RESTROOM
127 HAND WASHING AREA
128 UTILITY ROOM
129 STAFF ROOM WITH WC
130 FOOD DEFROSTING AREA
131 TAMBOUR
132 BASKETBALL HALL
133 INVENTORY
134 COACH`S ROOM
135 UTILITY ROOM
136 UTILITY ROOM

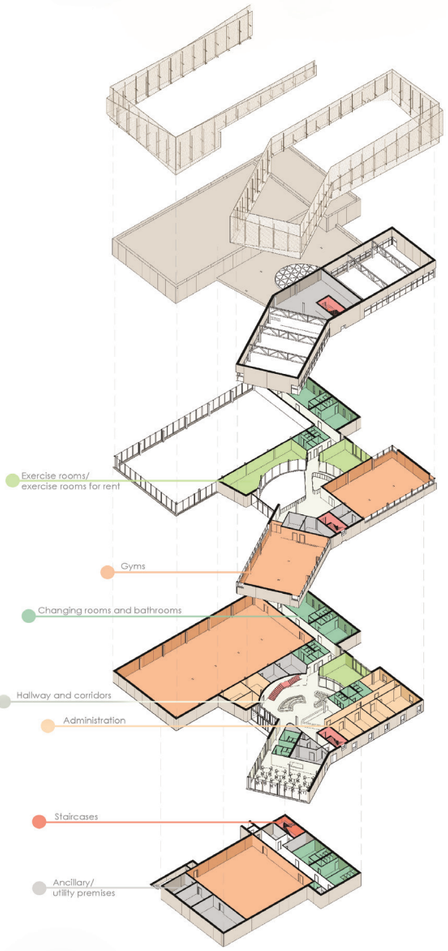
GROUND FLOOR PLAN



KEY TO 1ST FLOOR

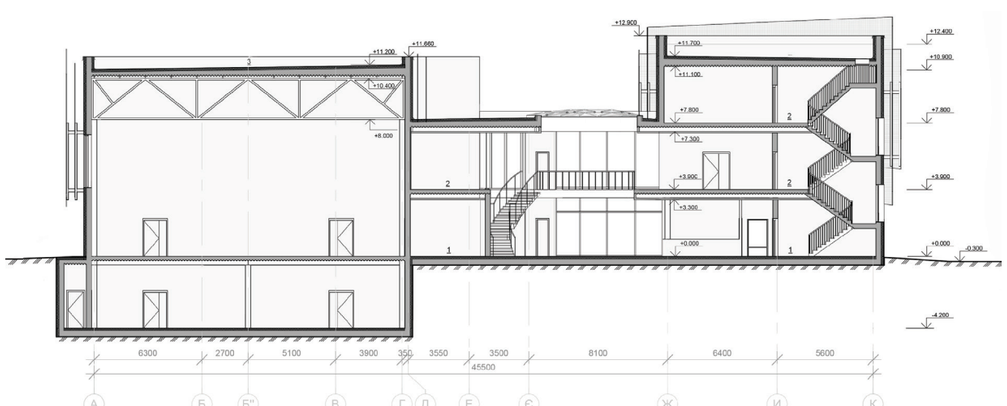
201 GYM
202 GYMNASTIC STUDIO FOR RENT
203 MEN`S RESTROOM
204 WOMEN`S RESTROOM
205 AWC
206 UTILITY ROOM
207 MEN`S LOCKERS
208 WOMEN`S LOCKERS
209 PLANT
210 ATHLETICS STUDIO
211 INVENTORY
212 COACH`S ROOM
213 STAIRCASE
214 ATHLETICS STUDIO
215 INVENTORY
216 COACH`S ROOM
217 STAIRCASE

1ST FLOOR PLAN



FUNCTIONAL ZONING SCHEME

ELEVATION 1`-10`



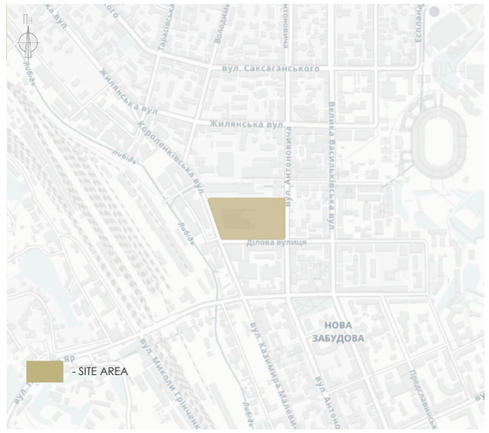
SECTION A-A

EXHIBITIONARY COMPLEX // 11

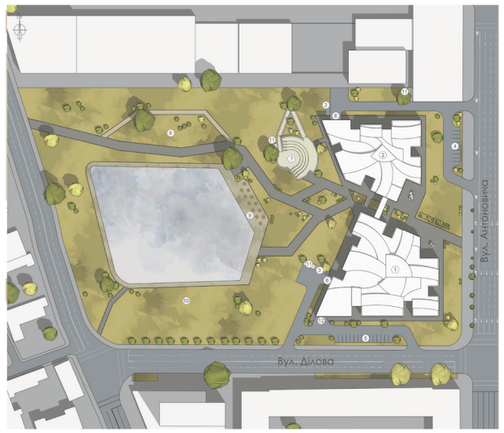
Masters diploma project, 2024
Made with: AutoCAD, SketchUp, Photoshop

Exhibitionary complex is established in dense building environment of Kyiv city and serves educational and exhibitionary functions. Building constitutes 2 triangular volumes, connected by the pass on upper floors. Curved glass-made panels wrape around entire building and add visual plasticity to geometrical planning, while providing energy-saving facility - same principals of pliability are reflected in roof configuration.

The site originally featured a spacious area with a pond, separated from public access by a fence and designated for residential development. However, analysis of governmental city planning maps revealed that the area was unsuitable for permanent living. My proposal was to open the territory to the public, preserve the self-developed flora, and integrate a park area into the dense city structure. These techniques, combined with neutral colors, create an intriguing composition for the Exhibition Complex that aligns with the city context. This approach fosters a welcoming environment for cultural development and reflects sustainable development principles.



MASTER PLAN



SITE PLAN

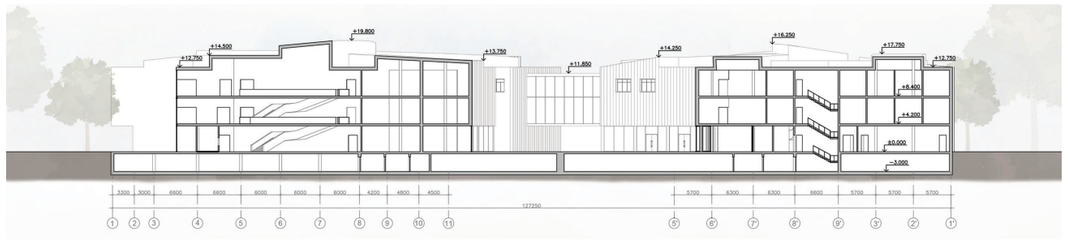
KEY TO SITE PLAN

1. MAIN BULDING
2. SECONDARY BUILDING
3. SEVICE YERD
4. PARKING FOR VISITORS
5. PARKING FOR STAFF
6. UNLOADING ZONE
7. AMPHITHEATRE
8. OUTDOOR EXPOSITION
9. IEISURE AREA
10. RECREATION ZONE
11. EMERGENCY EXITS FROM SHELTER
12. ENTRANCE TO THE UNDERGROUND PARKING


EXISTING SITE

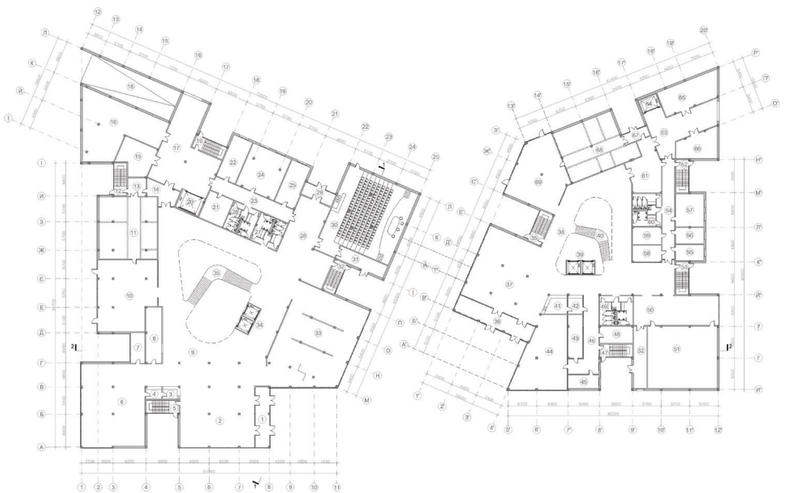
2ND FLOOR PLAN

ELEVATION 1-12'



SECTION 2-2

1ST FLOOR PLAN



GROUND FLOOR PLAN