

portfolio

RAZAN AL OWEINI

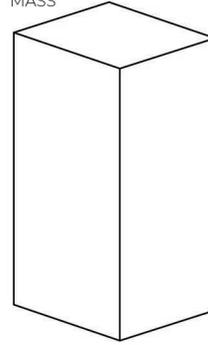
2020-2024

content

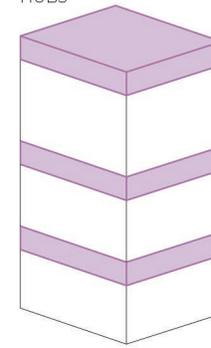
- 01.** CULTURAL GREEN STAIRWAY
- 02.** DESIGN INTEGRATED LAB
- 03.** SUSTAINABLE CLUSTER LIVING
- 04.** MICRO-INFRASTRUCTURE
- 05.** HYBRIDIZE AND ADAPT
- 06.** TRIANGLE HOUSE
- 07.** MIXED MEDIA ARTWORKS



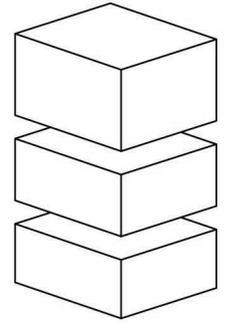
MASS



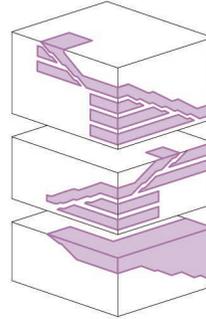
HUBS



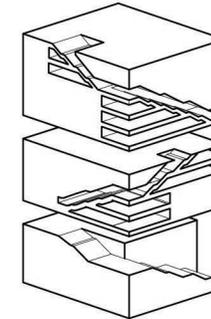
OPEN SPACE



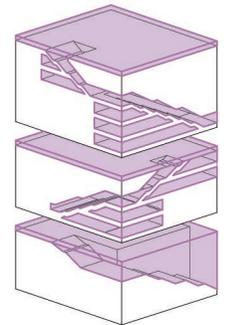
EXTERIOR CIRCULATION



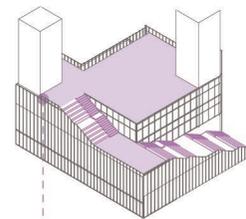
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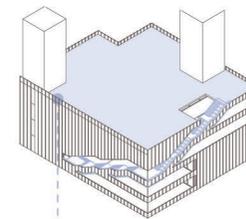
CIRCULATION & HUBS



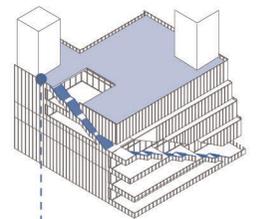
PUBLIC HUB



BUSINESS HUB



RESIDENTIAL HUB



PERFORMANCES



PUBLIC EVENTS



WORKSHOPS



BUSINESS EVENTS



BUSINESS WORKSHOPS



RESIDENTIAL EVENTS



GARDENING



RELAXING

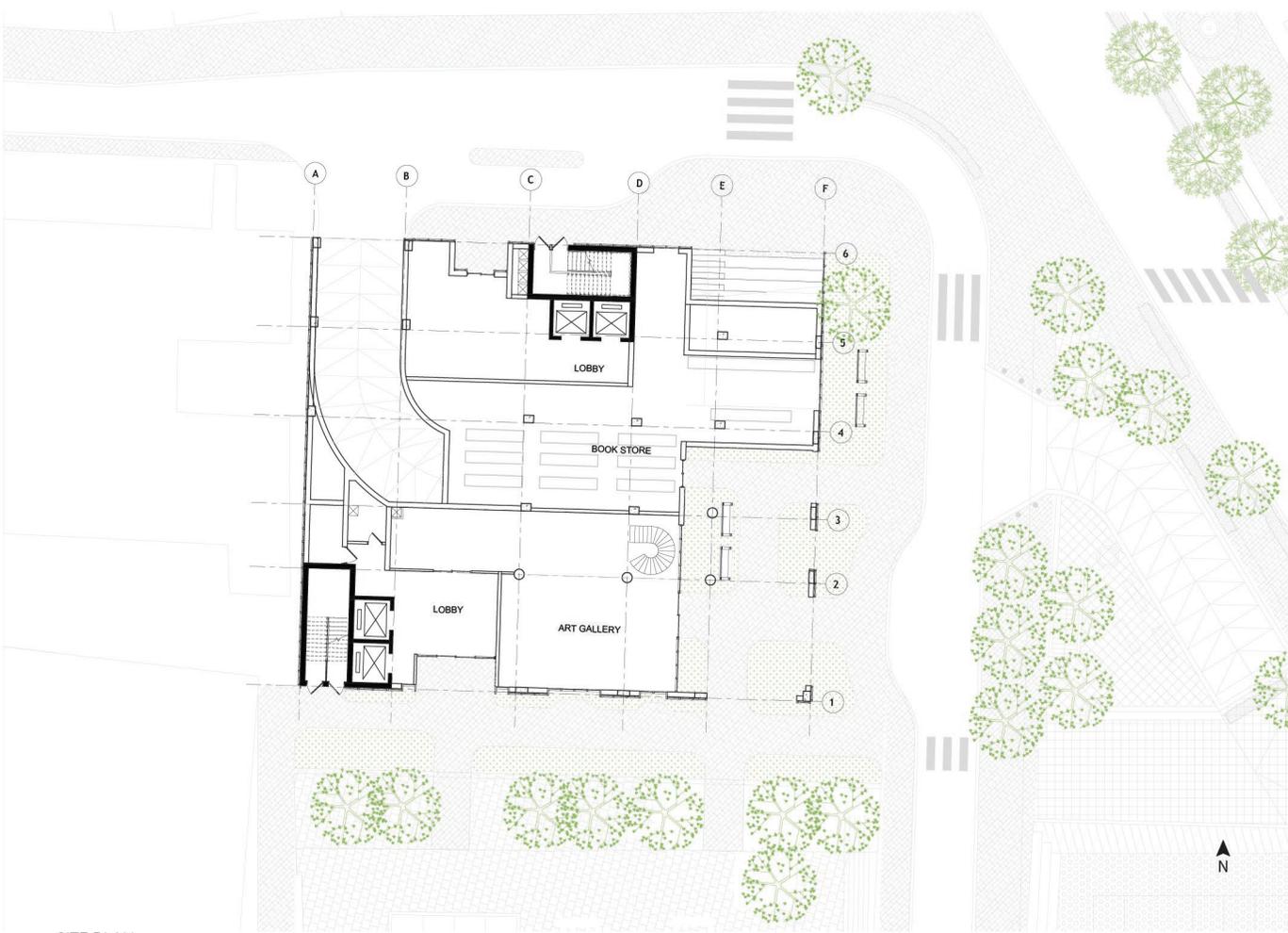


01. CULTURAL GREEN STAIRWAY

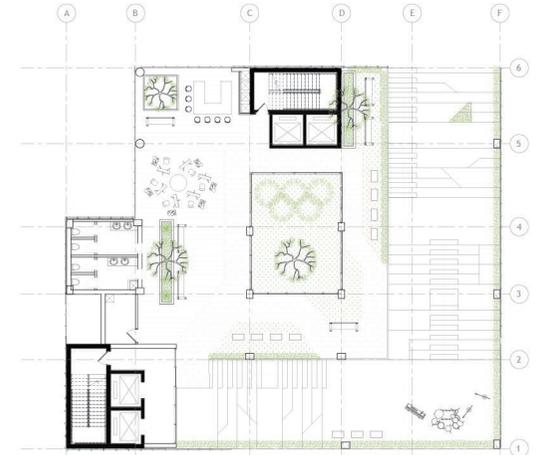
A PUBLIC STAIRCASE THAT IS NOT MERELY A PASSAGE THROUGH, BUT A THRIVING COMMUNITY SPACE.

MORE THAN JUST STAIRS, THIS IS A DYNAMIC SOCIAL HUB. AS PEOPLE ASCEND, THEY ENCOUNTER ENGAGING WORKSHOPS, CAPTIVATING PERFORMANCES, AND LIVELY EVENTS. IT'S A PLACE TO CONNECT, CREATE, AND BE INSPIRED, ALL WHILE SURROUNDED BY THE BEAUTY OF NATURE.

THE CULTURAL GREEN STAIRWAY IS AN INVITATION TO EXPLORE, CONNECT, AND BE UPLIFTED. IT'S A UNIQUE BLEND OF FUNCTIONALITY AND CULTURAL VIBRANCY



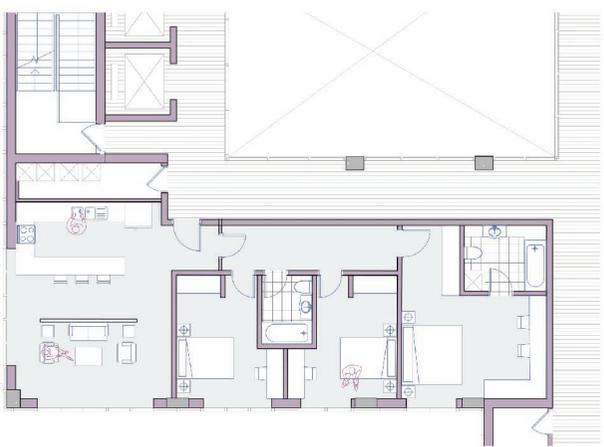
SITE PLAN



PUBLIC HUB PLAN



OFFICE PLAN



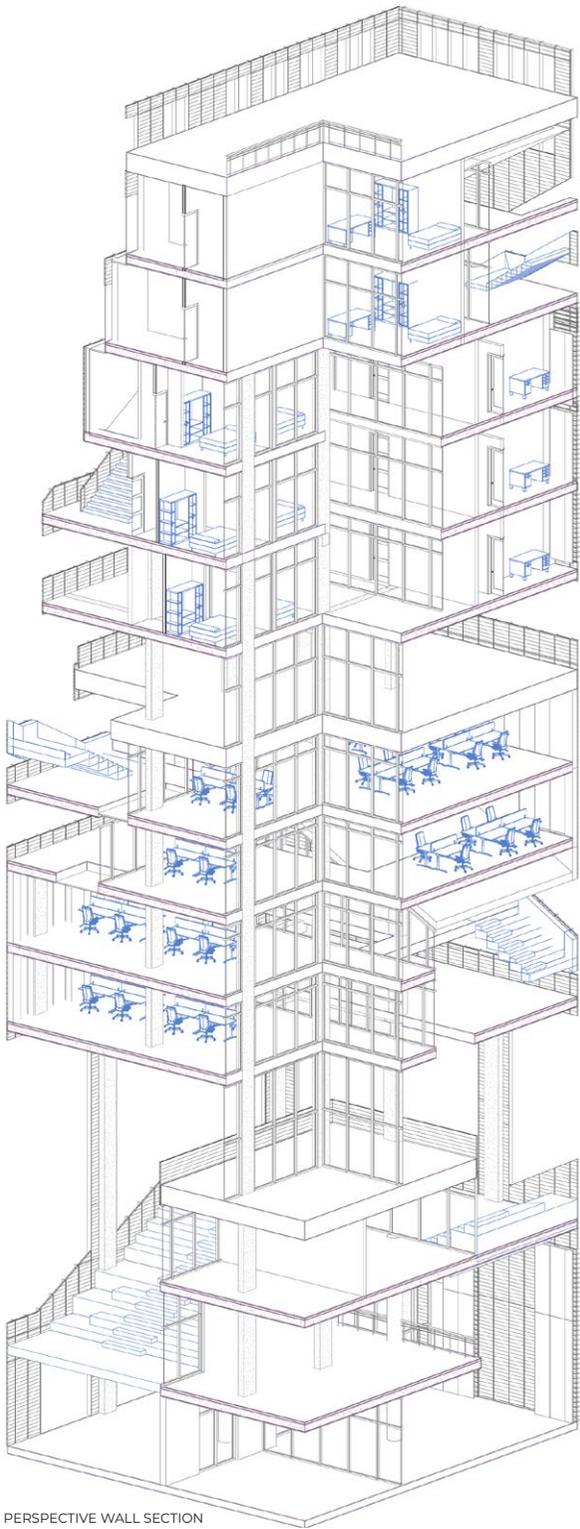
OFFICE LAYOUT



RESIDENTIAL LAYOUT



RESIDENTIAL PLAN

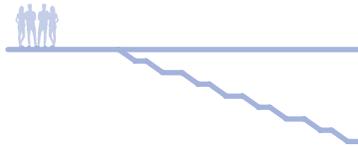


PERSPECTIVE WALL SECTION

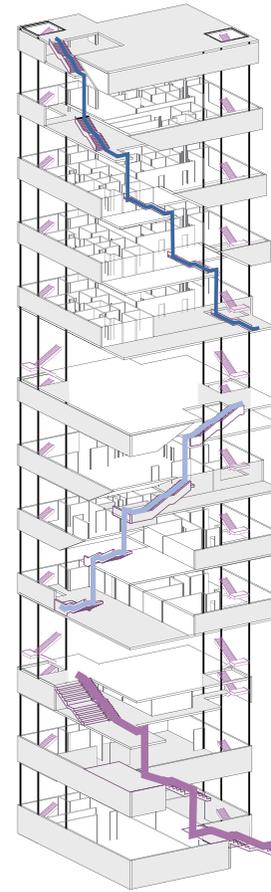
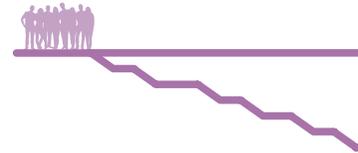
RESIDENTIAL CIRCULATION



OFFICES CIRCULATION



PUBLIC CIRCULATION

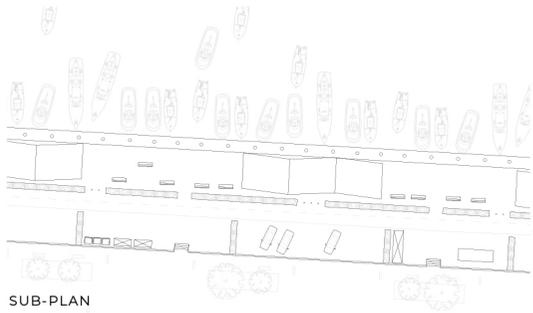


PUBLIC STAIRS

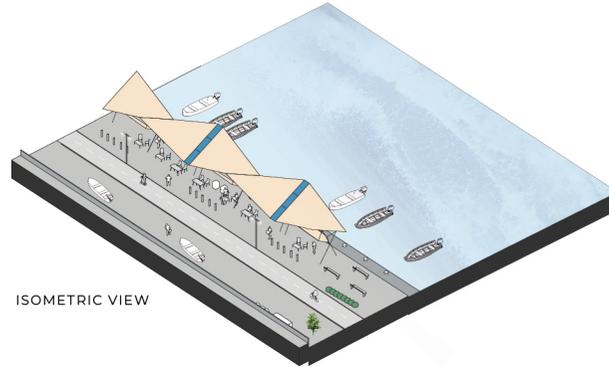


INTERIOR RENDER - PUBLIC STAIRS

MATER PLAN

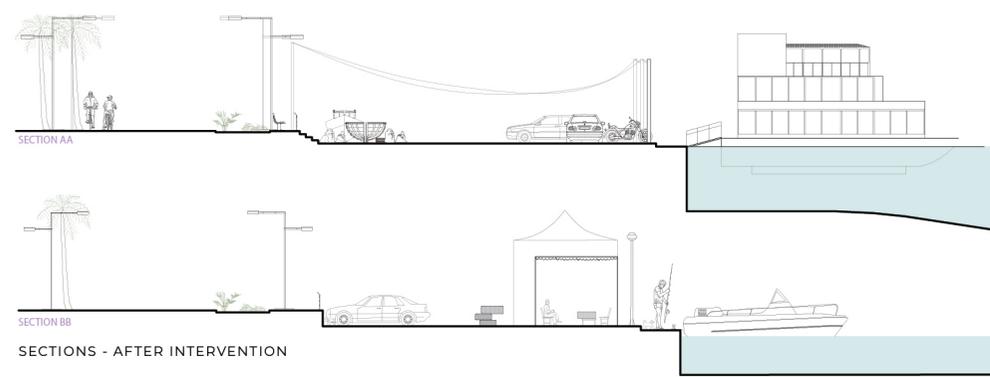


SUB-PLAN

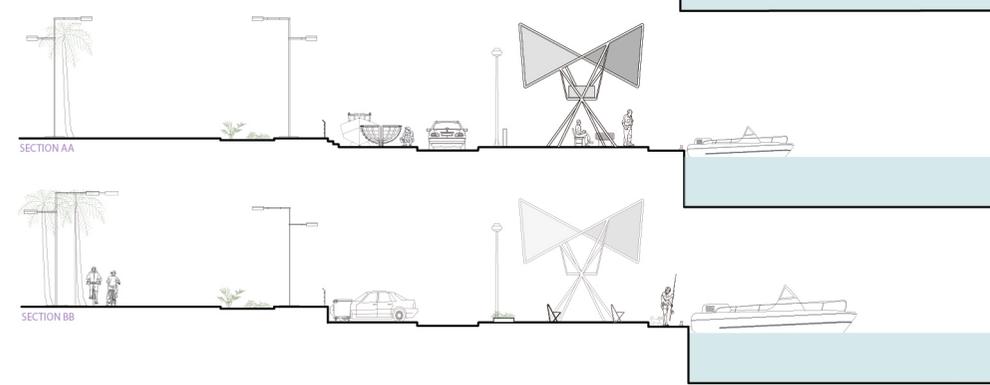


ISOMETRIC VIEW

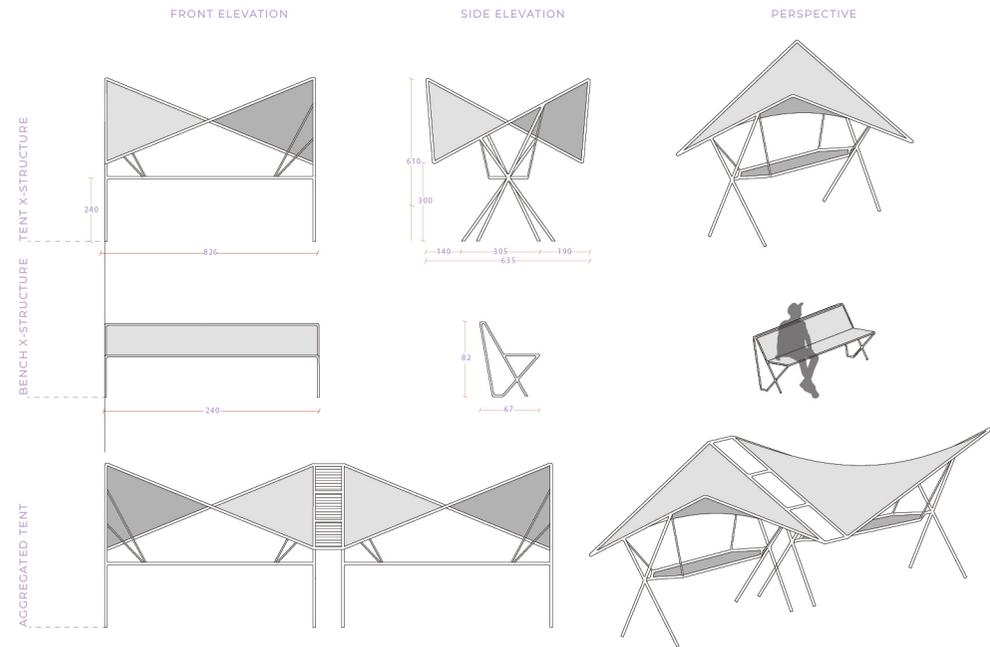
SECTIONS - BEFORE INTERVENTION



SECTIONS - AFTER INTERVENTION

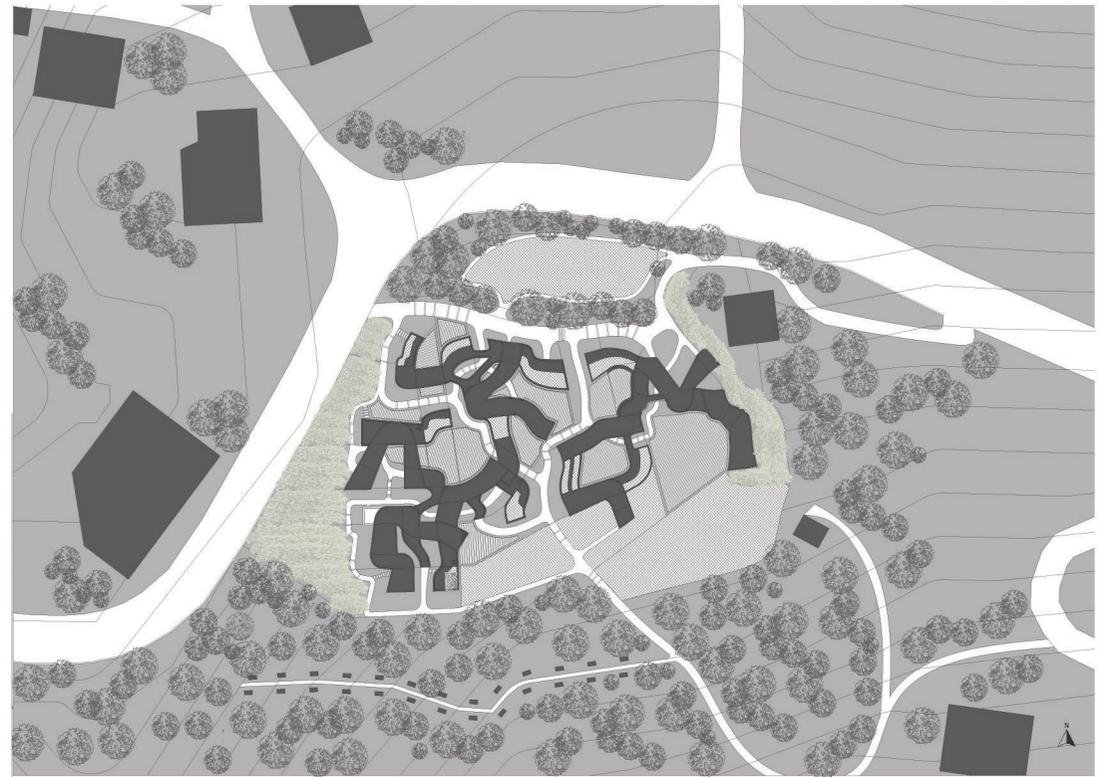


X-STRUCTURE TECHNICAL DRAWINGS



02. DESIGN INTEGRATED LAB

THIS DESIGN PROJECT, CONDUCTED THROUGH THE DESIGN-INTEGRATED LAB, FOCUSED ON EMPOWERING THE FISHERMEN COMMUNITY OF EL MINA, TRIPOLI, LEBANON THROUGH THE DESIGN OF INNOVATIVE MODULAR TENTS. THESE TENTS OFFER MUCH-NEEDED SHADE FROM THE SUN, INTEGRATED STORAGE FOR EQUIPMENT, AND SUSTAINABLE LIGHTING POWERED BY SOLAR PANELS. THE TENTS' MODULAR DESIGN ALLOWS FOR EASY INSTALLATION AND FUTURE ADAPTATION, ENSURING A SOLUTION THAT GROWS WITH THE COMMUNITY'S NEEDS. THIS PROJECT AIMED TO IMPROVE THE DAILY LIVES AND EMPOWER THE EL MINA FISHERMEN THROUGH THOUGHTFUL DESIGN AND SUSTAINABLE PRACTICES.

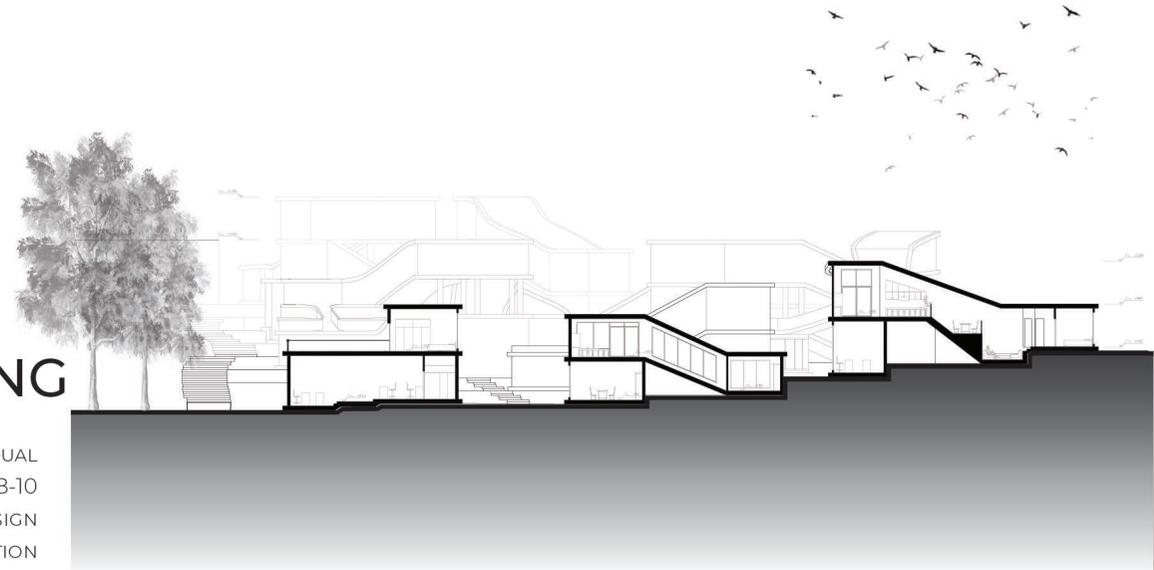


SITE PLAN

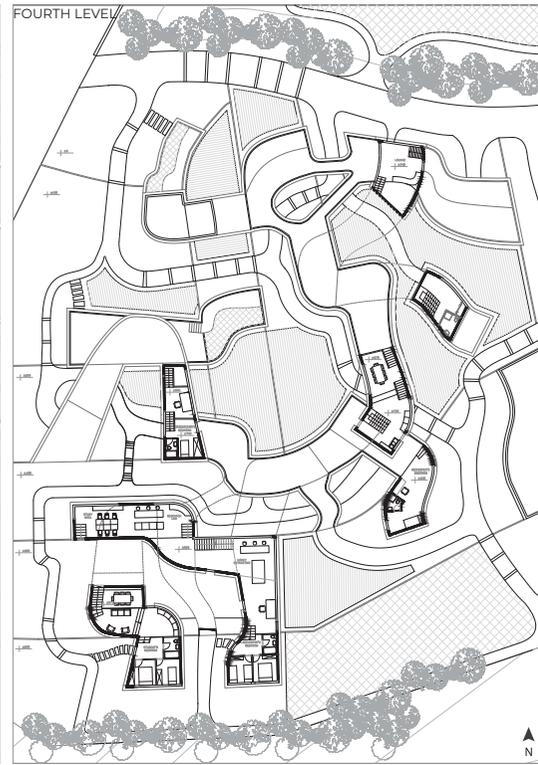
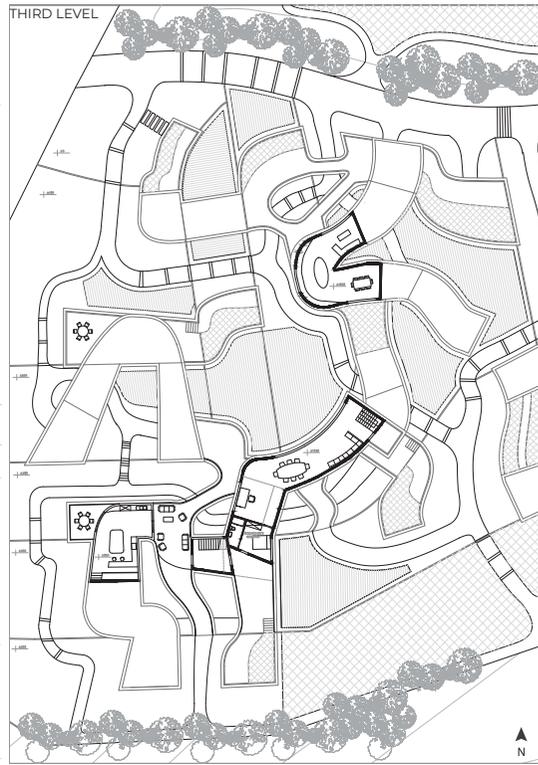
03. SUSTAINABLE CLUSTER LIVING

THIS PROJECT EXPLORES A SUSTAINABLE HOUSING COMMUNITY THAT BLENDS WITH NATURE. INDIVIDUAL HOUSING CLUSTERS, DESIGNED FOR EASY EXPANSION, COME TOGETHER TO FORM A COHESIVE UNIT OF 8-10 HOMES. VERTICAL OVERLAPS BETWEEN MODULES FOSTER CONNECTIONS, WHILE THE OVERALL DESIGN PRIORITIZES INTERACTION WITH THE ENVIRONMENT. SUSTAINABLE PRINCIPLES LIKE WIND FLOW OPTIMIZATION AND BEEHIVE INTEGRATION PROMOTE A LOW-IMPACT, BIODIVERSE COMMUNITY.

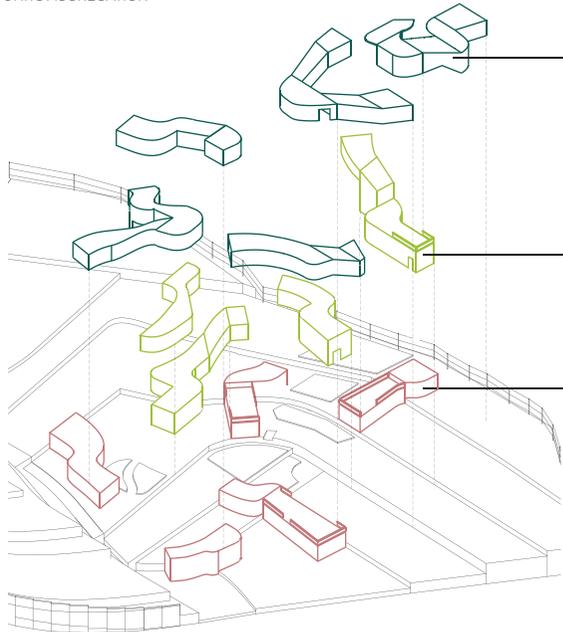
THIS PROJECT SHOWCASES MY ABILITY TO DESIGN SUSTAINABLE, MODULAR HOUSING THAT FOSTERS A SENSE OF COMMUNITY.



SITE SECTION



UNITS AGGREGATION



UNITS MOVE UPWARD ACROSS LEVELS
ORIENTED TO ALLOW SUNLIGHT IN
AND ALLOW OVERLAPS

UNITS ARE PARALLEL ALONG TERRACES
ORIENTED AND SHIFTED TO TUNNEL
WIND AND ALLOW OVERLAPS

UNITS ARE PERPENDICULAR ACROSS
TERRACES
ORIENTED TO TUNNEL THE WIND



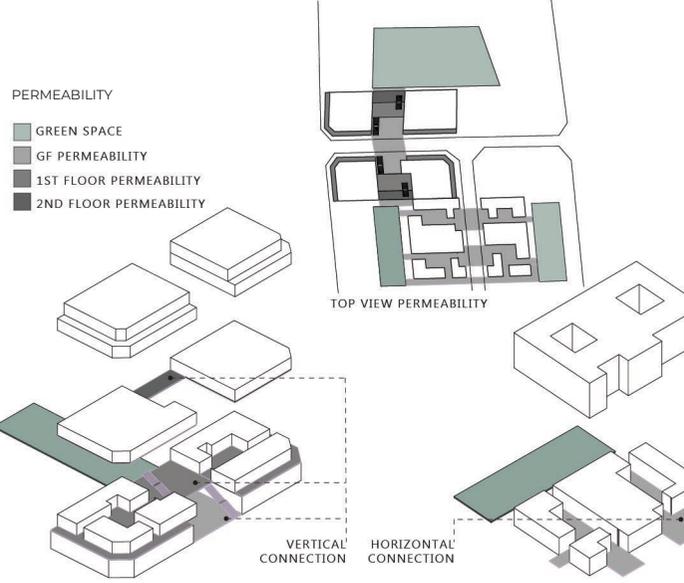
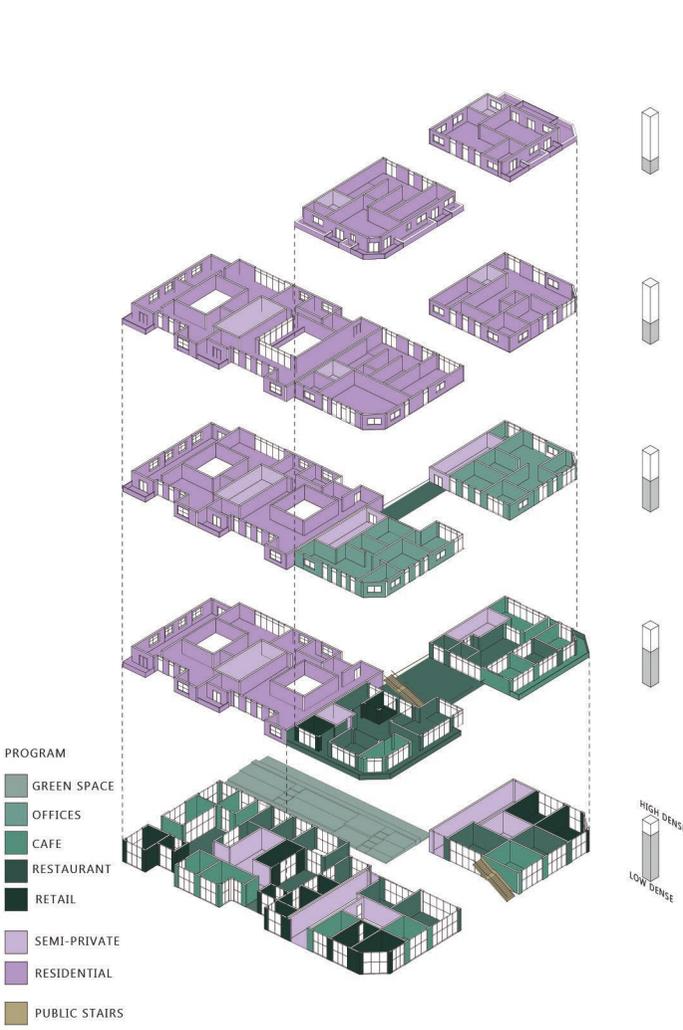
RETHINKING COASTAL POWER

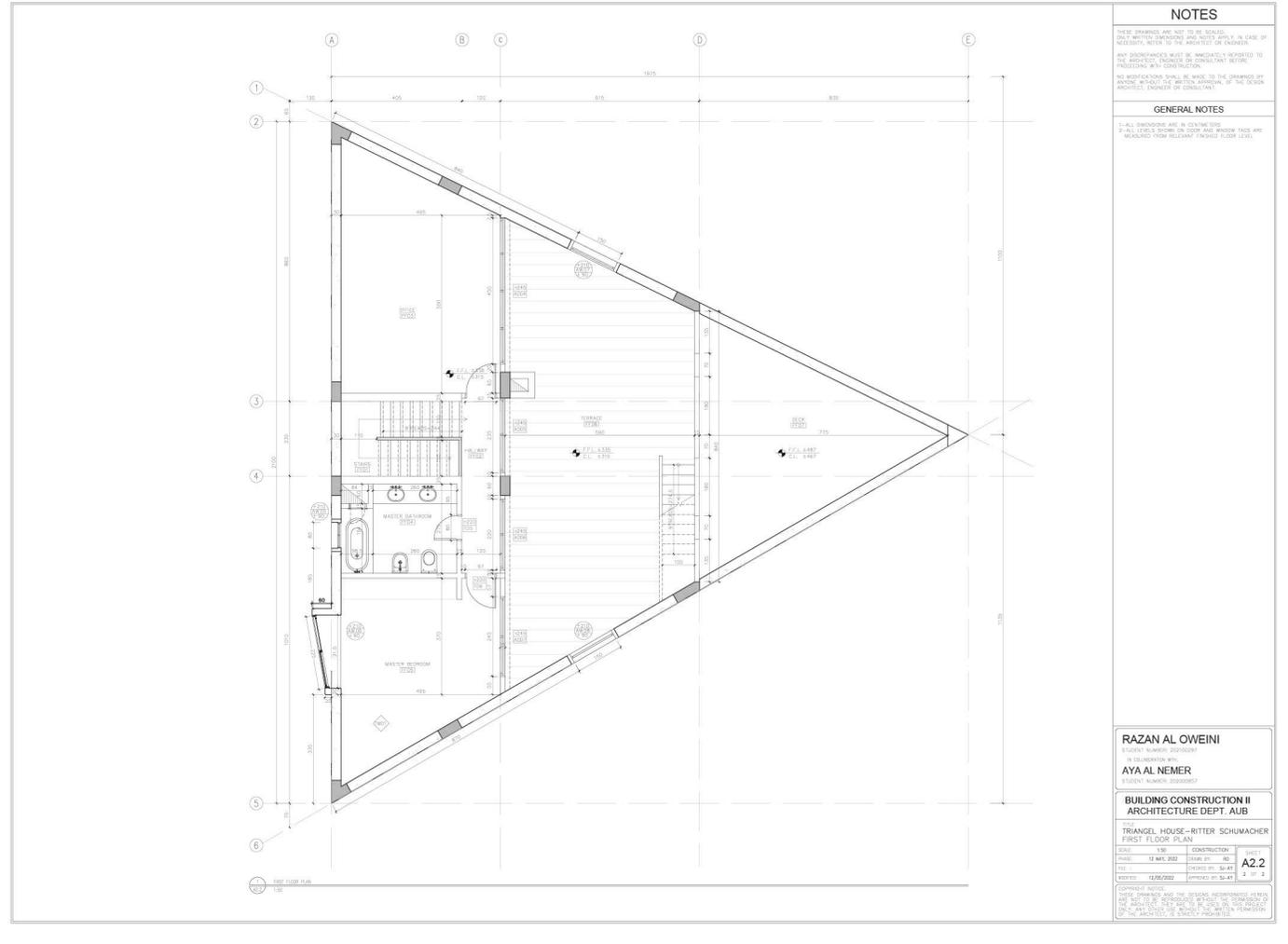
THIS PROJECT TACKLES LEBANON'S ENERGY CRISIS WITH A FORWARD-THINKING SOLUTION – A SUSTAINABLE COASTAL DEVELOPMENT POWERED BY WAVE ENERGY. WE PROPOSE INNOVATIVE METHODS TO HARVEST CLEAN ENERGY FROM THE COASTLINE, FOSTERING ENERGY INDEPENDENCE AND ENVIRONMENTAL RESPONSIBILITY.

THE DEVELOPMENT GOES BEYOND JUST POWER GENERATION. WE INCORPORATE ESSENTIAL PROGRAMS LIKE FISHING PORTS, SOCIAL SPACES, AND PARKS, CREATING A VIBRANT AND FUNCTIONAL COMMUNITY HUB. THE DESIGN ENSURES TECHNICAL FEASIBILITY BY CALCULATING THE ESTIMATED ENERGY PRODUCTION, ASSESSING ITS POTENTIAL TO ILLUMINATE HOMES AND STREETLIGHTS.



DESIGNED BY THE ARCHITECTS ASSOCIATION OF LEBANON (AAL) IN COLLABORATION WITH THE ARCHITECTS ASSOCIATION OF SYRIA (AAS) AND THE ARCHITECTS ASSOCIATION OF JORDAN (AAJ). THE PROJECT IS A PART OF THE 'RETHINKING COASTAL POWER' INITIATIVE, WHICH AIMS TO PROMOTE SUSTAINABLE DEVELOPMENT AND ENERGY INDEPENDENCE IN THE MIDDLE EAST. THE DESIGN IS SUBJECT TO CHANGE AND IS NOT A CONTRACT DOCUMENT. FOR MORE INFORMATION, VISIT WWW.AAL.LB.





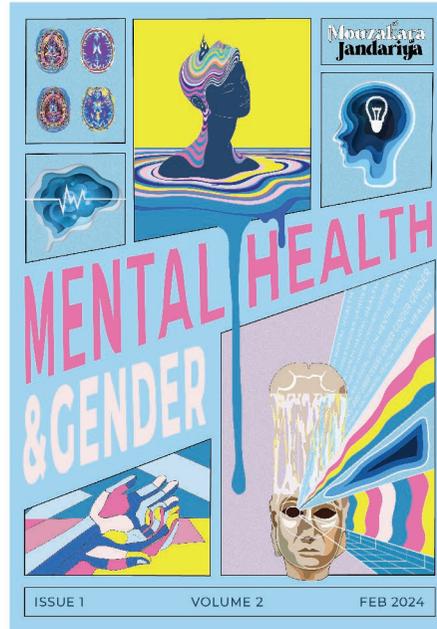
06. TRIANGLE HOUSE

AS PART OF THE BUILDING CONSTRUCTION COURSE, THIS PROJECT DELVES INTO THE ARCHITECTURAL DETAILS OF THE RENOWNED TRIANGEL HOUSE BY RITTER SCHUMACHER THROUGH A COMPREHENSIVE SET OF TECHNICAL DRAWINGS. I PRODUCED DETAILED TECHNICAL PLANS, SECTIONS, ELEVATIONS, AND WALL SECTION DETAILS, ALONG WITH FOCUSED PLANS AND SECTIONS OF THE KITCHEN AND BATHROOM SPACES. THIS PROJECT PROVIDED A DEEP UNDERSTANDING OF THE SPATIAL ORGANIZATION, CONSTRUCTION METHODS, AND DESIGN PRINCIPLES EMPLOYED IN THIS RESIDENCE.

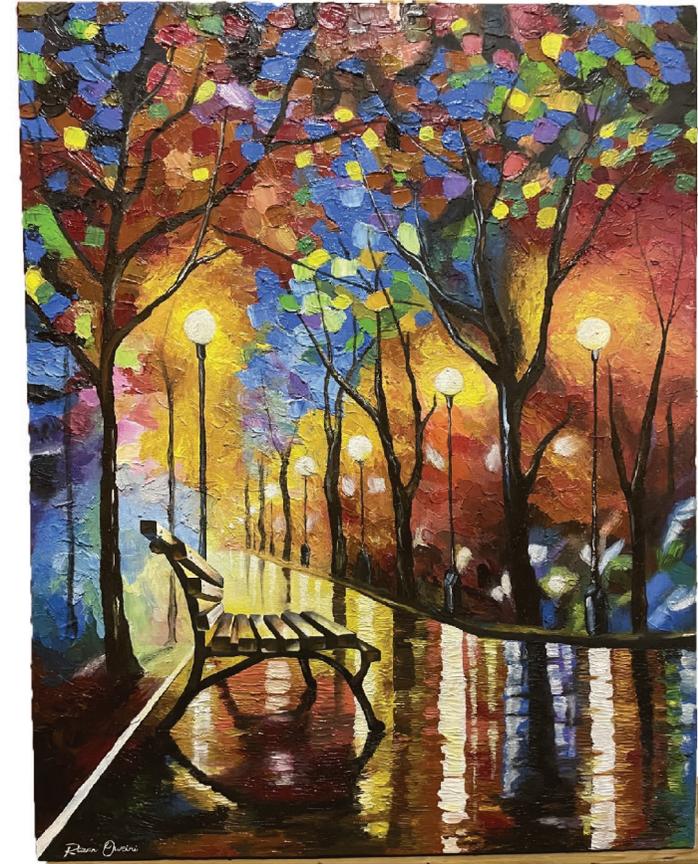
07. MIXED MEDIA



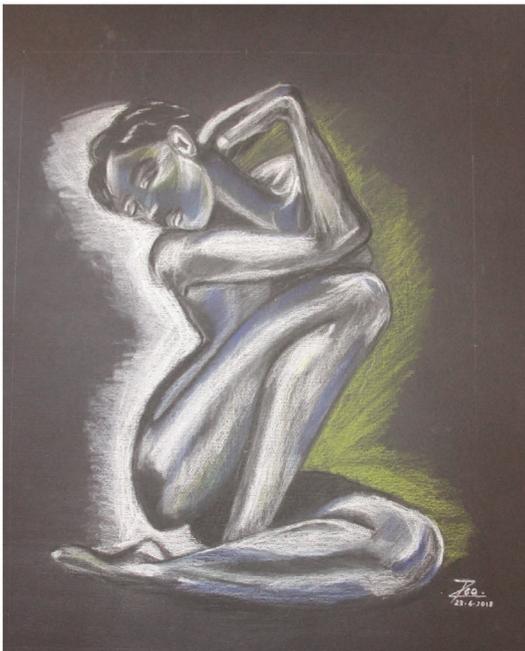
NURSERY ROOM WALL PAINTING



DIGITAL PUBLICATION COVER ART



OIL PAINTING



PASTEL DRAWING



WATERCOLOR DRAWING



CHARCOAL DRAWING



ADVANCED PHOTOGRAPHY