



TOTAL AREA: 1,200,000 M2

THE CITY OF THE FUTURE IS HERE, WE BELIEVE IN LIVABLE CITIES, IN SMART, INCLUSIVE, AND GREEN URBAN LIFE.

MDRDV



STRATEGIES



URBAN PLANNING WILL BE HUMAN-CENTRIC
LIVABLE FUTURE, WELL-BEING, INCLUSIVITY,
DIVERSITY, HAPPINESS, FREEDOM

THE MAIN SITE INTERVENTION, THE GROUND SCRAPER, WILL CREATE A PHYSICAL BARRIER BETWEEN THE CITY AND THE PORT BUT AT THE SAME TIME GENERATE CONNECTIVITY WITHIN THE DIFFERENT AREAS OF THE WATERFRONT.
IT ENCOURAGES INTERACTION AND CREATES MORE SOCIALLY INCLUSIVE SPACES CREATING LESS SEPARATION AND DIVISION IN THE COMMUNITY.



SHADED PUBLIC SPACES AND COMMUNAL FACILITIES
ECONOMIC VIABILITY

THE GROUND SCRAPER IS RELATIVELY CHEAPER TO CONSTRUCT COMPARED TO A SKYSCRAPER SINCE IT OCCUPIES MORE GROUND SPACE. SOME PORT FUNCTIONS WILL BE ACCOMMODATED WITHIN THE BUILDING, FREEING MORE SPACE IN THE ACTUAL PORT'S AREA.
THE SURROUNDING AREAS WILL NEED TO REGENERATE AND LINK WITH THE NEW WATERFRONT.



ENERGY WILL BE RENEWABLE AND DECENTRALIZED

BEIRUT IS CURRENTLY A POLLUTED CITY. THE ECO-CENTRE AND THE REPLACEMENT OF EXISTING FOSSIL ENERGIES WITH RENEWABLE AND SUSTAINABLE SOURCES, AIM TO CREATE A HEALTHY CITY LIVING AND RESOLVE ISSUES RELATED TO WATER AND ENERGY SHORTAGES.



TRANSPORTATION WILL BE CLEAN AND EFFICIENT
ACCESSIBILITY TO PUBLIC TRANSPORT
ACTIVE TRAVEL (WALKING, RUNNING, CYCLING)

REGENERATION OF PUBLIC TRANSPORT AND CLEAN TRANSPORTATION IS THE KEY TO A BETTER BEIRUT. THE INTERVENTION AREA WILL BE A CAR-FREE ZONE THAT WILL PROMOTE WALKING AND CYCLING AND MICRO-MOBILITY ALTERNATIVES, ALSO PROMOTING WELLBEING AND PHYSICAL ACTIVITY. THE CONNECTION WITH THE EXISTING REFURBISHED BUS STATION WILL BE ESSENTIAL FOR THE REGENERATION OF THE CITY.



SUSTAINABILITY
NATURE CONECTIVITY
REGENERATE THE MICROCLIMATES FOREST

WITH THE REGENERATION OF BEIRUT'S RIVER AND THE RESPECTIVE MICROCLIMATES, THE CITY CAN ONCE AGAIN ENJOY THIS SPACE. THE ACCESSIBLE GREEN ROOF WILL CREATE MORE GREEN SPACES THAT ANYONE CAN ENJOY ALONG WITH THE WATERFRONT VIEWS AND CLEAN ENVIRONMENT.



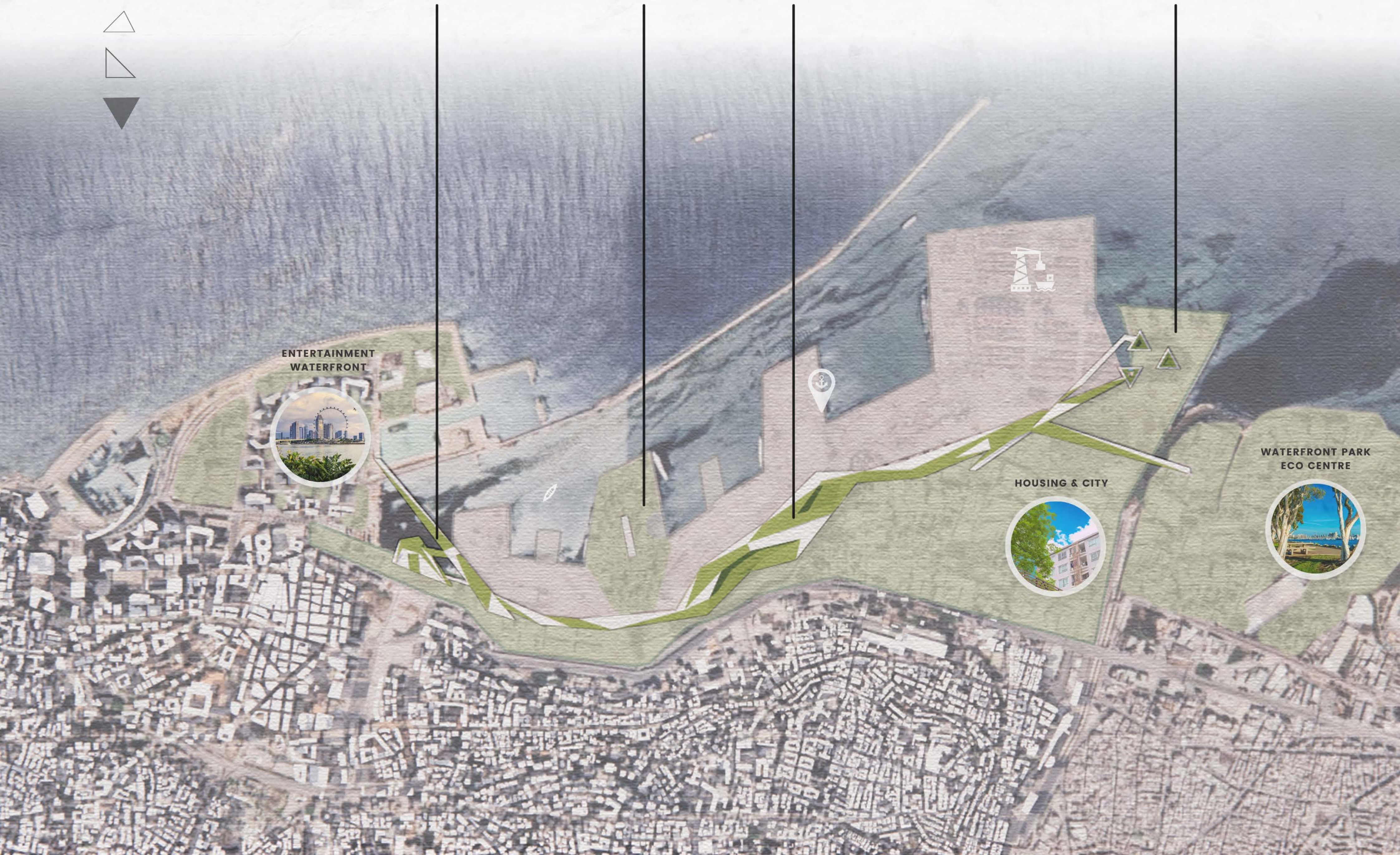
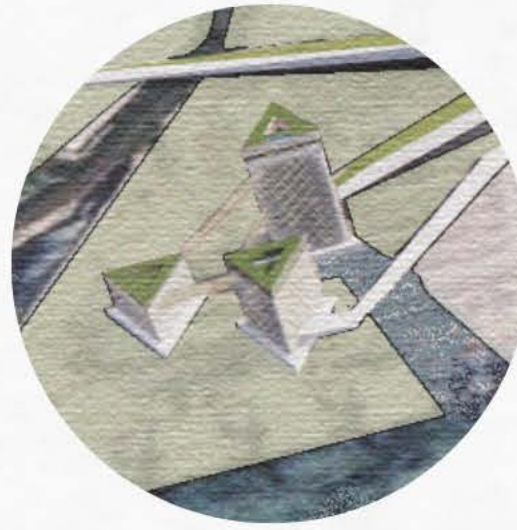
TRIANGLE
DECONSTRUCTIVISM

PASSENGERS PORT

MEMORIAL MUSEUM

DUTY FREE SHOPPING

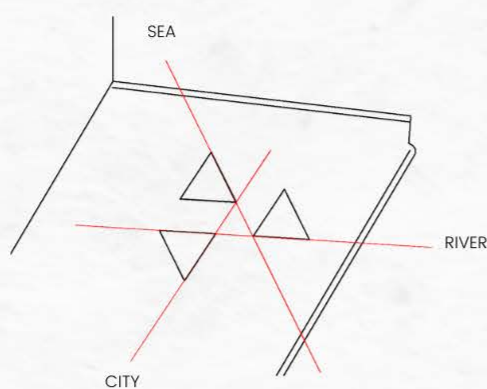
UNITY TOWERS



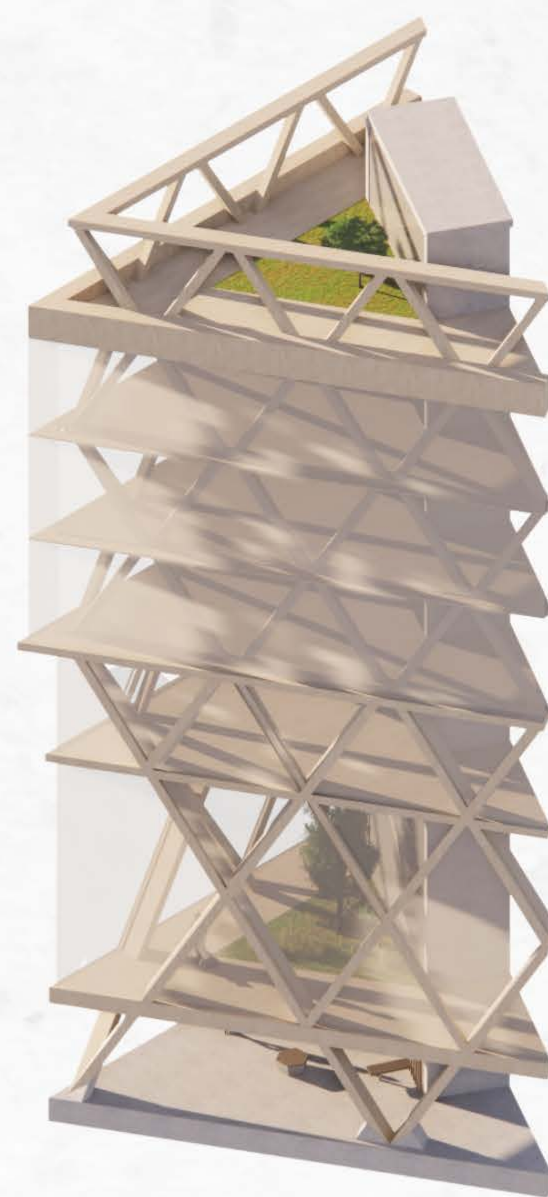


LOCATION PLAN

TIMBER BUILDINGS ARE GOOD FOR THE ENVIRONMENT AND FOR PEOPLE'S WELL-BEING. IT HAS A NEGATIVE CARBON FOOTPRINT BECAUSE IT CAPTURES SOME OF IT, IT IS A RENEWABLE MATERIAL AND SOURCED SUSTAINABLY. MATERIALS: GLUED LAMINATED TIMBER, OR GLULAM, AND CROSS-LAMINATED TIMBER.



BUILDINGS WILL BE TALL, MULTIUSE, AND HIGH-PERFORMANCE

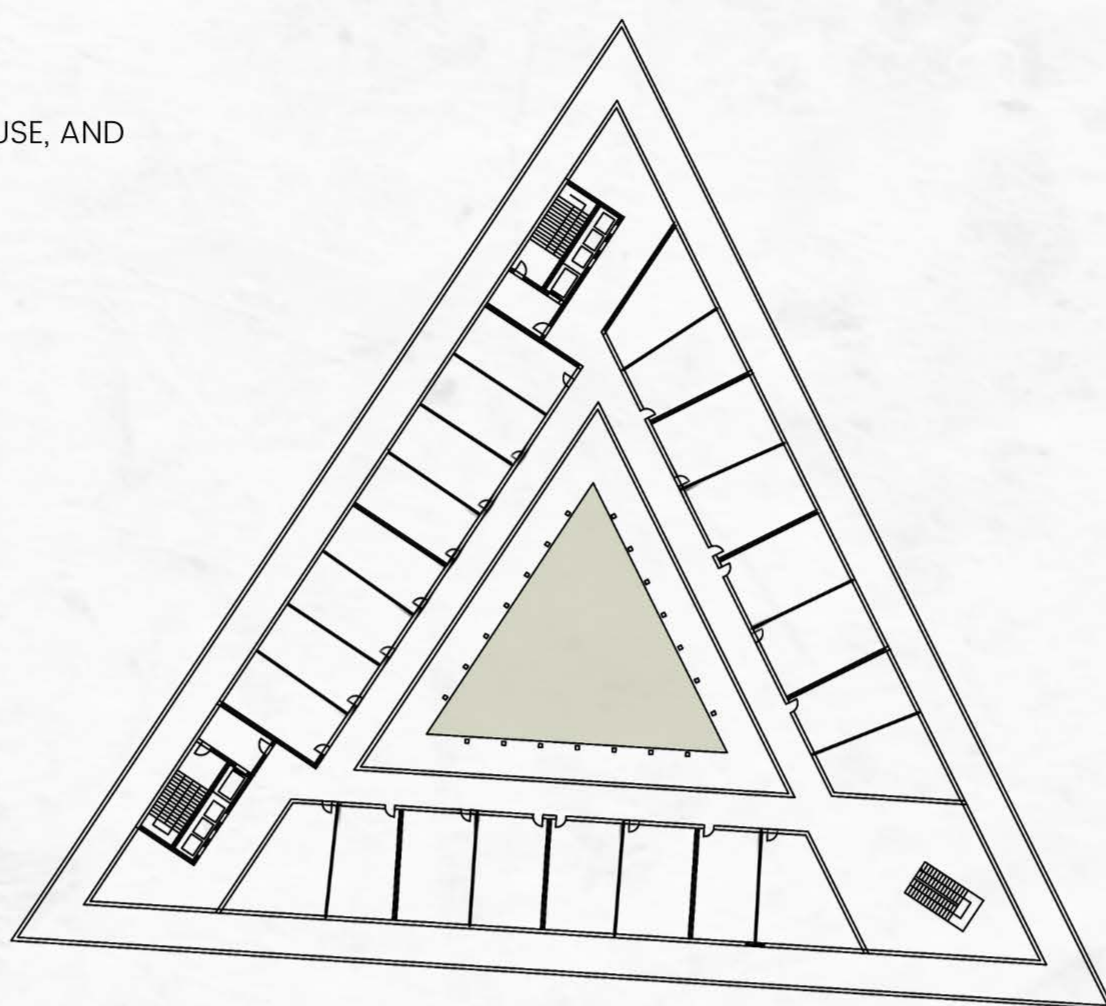


PARTIAL CORNER OF ONE TOWER



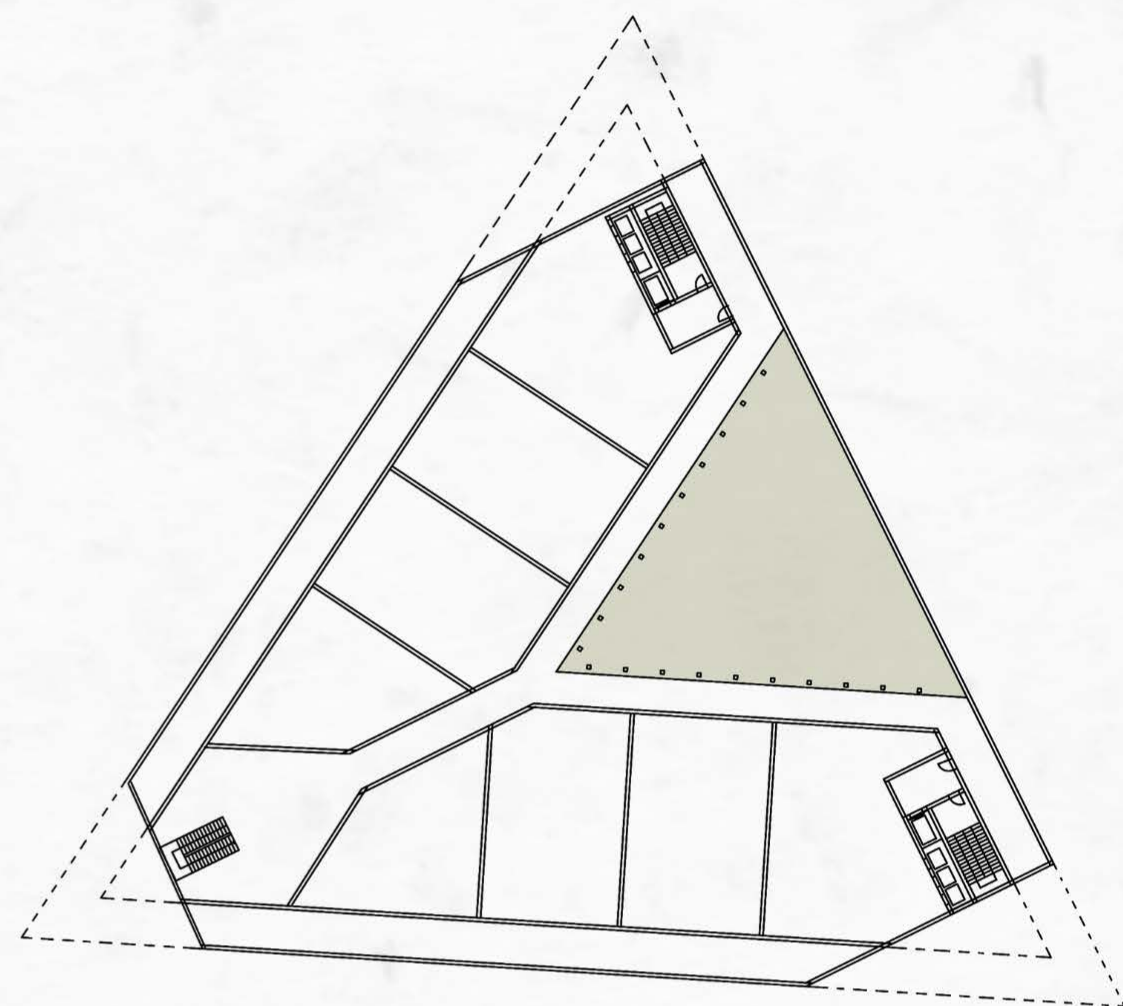
TIMBER STRUCTURE AND FINISHES

THE PRESENCE OF WOOD SURFACES IN A ROOM LOWERED SYMPATHETIC NERVOUS SYSTEM ACTIVATION, WHICH IS RESPONSIBLE FOR PHYSIOLOGICAL STRESS RESPONSES IN HUMANS.



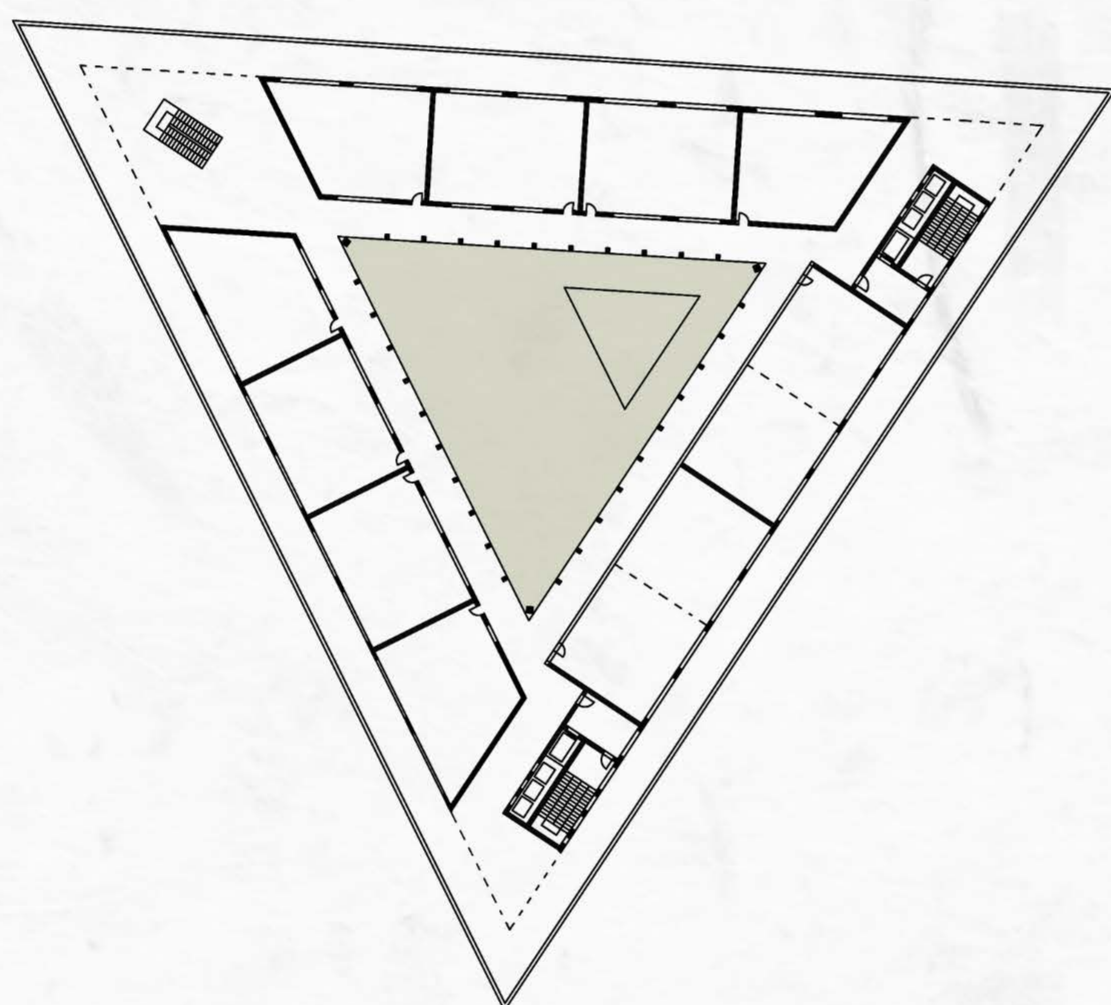
SEA TOWER

TYPICAL FLOOR PLAN WITH APARTMENT UNITS AND A COURTYARD.



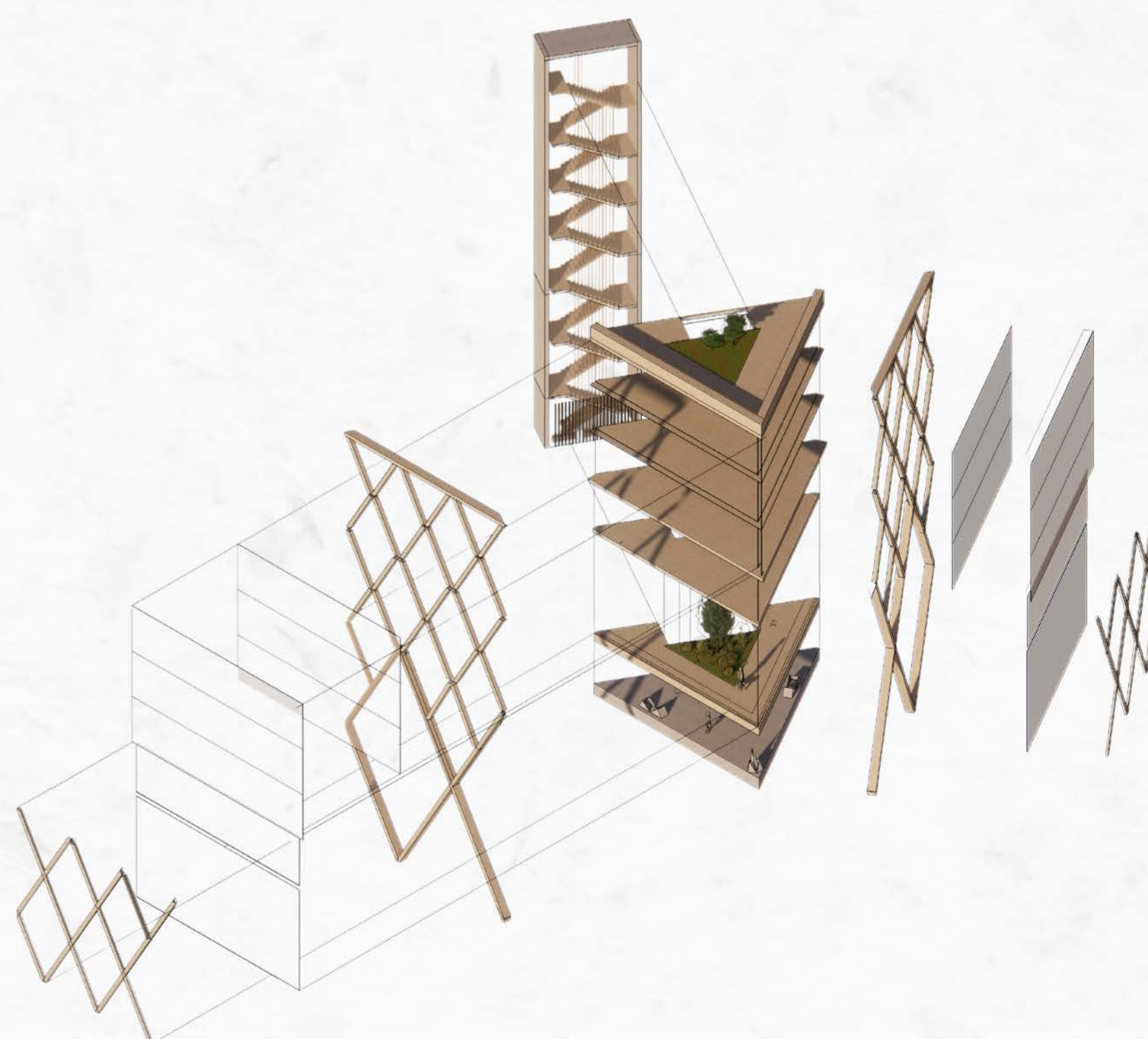
RIVER TOWER

GREEN SPACES WILL BE ABUNDANT



CITY TOWER

TYPICAL FLOOR PLAN FOR OFFICE OR WORKSHOP. UNITS WITH AN INNER COURTYARD.

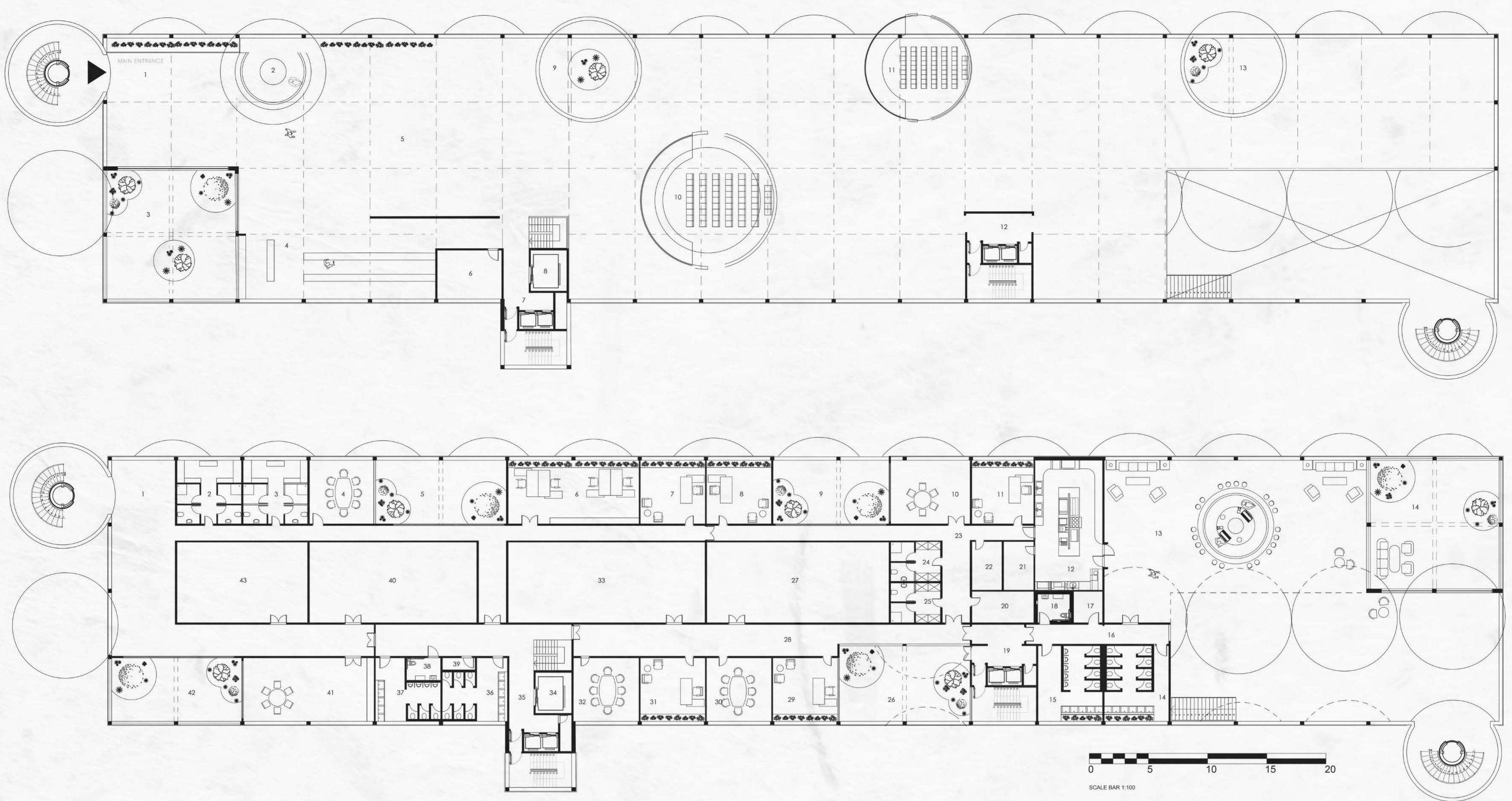


FACADE MATERIALITY EXPLODED AXONOMETRIC STUDY

THE DOUBLE FACADE, WITH TIMBER TRUSSES IN THE OUTER FACADE, PROVIDES EXTRA STABILITY AND AN EXTERNAL VERTICAL GARDEN CIRCULATION THAT CONNECTS TO THE SKY BRIDGES WHICH CONNECT TO THE CORNER GARDENS.

SKY GARDEN WITH COMMUNAL VEGETABLE GARDEN





8TH FLOOR

- Structure - Removable partitions
- 1. Main Vertical Access 1- Lobby
 - 2. Reception
 - 3. Garden
 - 4. Cloakroom
 - 5. Exhibitions
 - 6. Security
 - 7. Vertical Access/ Emergency Exit 2
 - 8. Technical Lift
 - 9. Garden
 - 10. Main Conference Hall
 - 11. Secondary Conference Hall
 - 12. Vertical Access/ Emergency Exit 3
 - 13. Garden

9TH FLOOR

- 1. Staff Lobby
- 2. Changing Room 1
- 3. Changing Room 2
- 4. Meeting Room
- 5. Staff Garden
- 6. Double office
- 7. Office 1
- 8. Office 1 (Restaurant)
- 9. Staff Garden (Restaurant)
- 10. Office 2 (Restaurant)
- 11. Kitchen
- 12. Restaurant/ Bar / Events
- 14. Female Restrooms
- 15. Male Restrooms

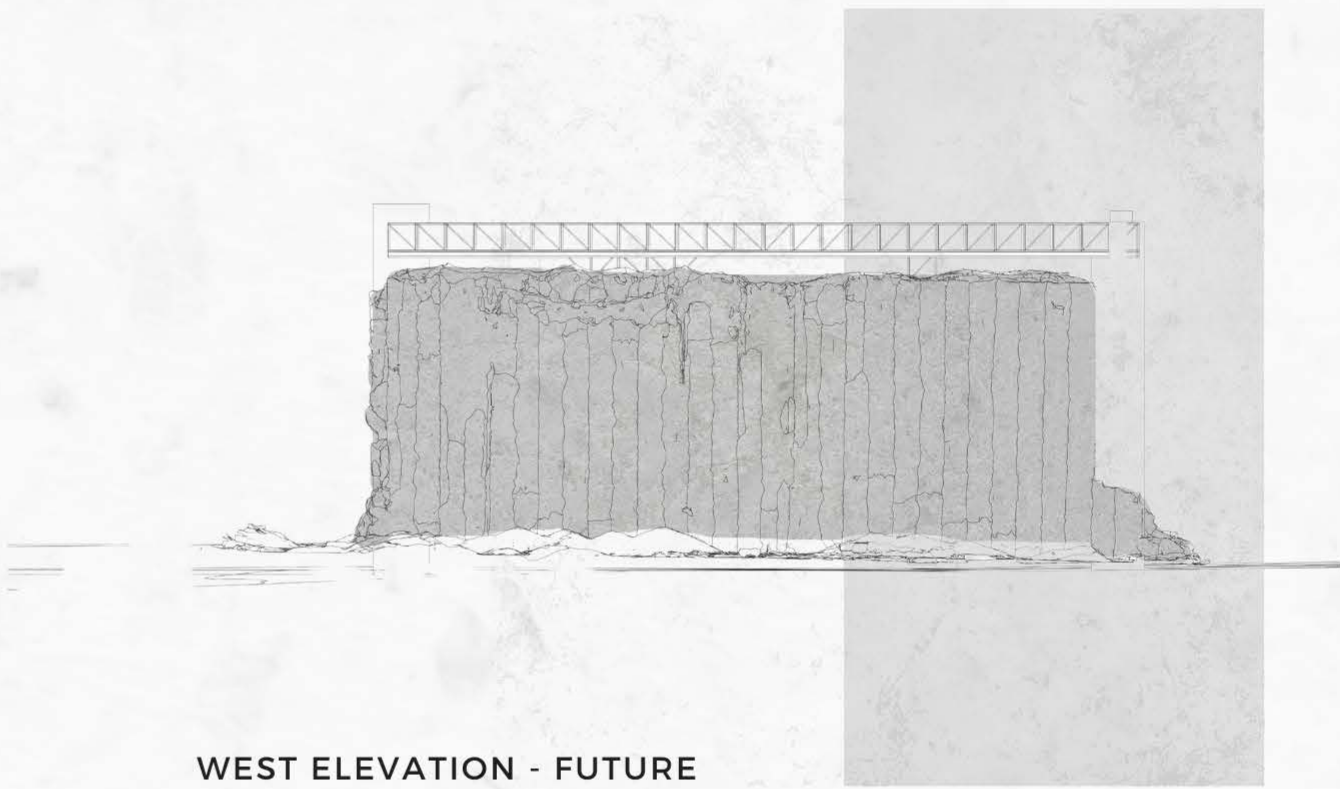
- 16. Public Corridor
- 17. Storage
- 18. Accessible Unisex Restroom
- 19. Vertical Access/ Emergency Exit 3
- 20. Storage (Restaurant)
- 21. Cold room
- 22. Storage (Restaurant)
- 23. Technical Room (Restaurant)
- 24. Male Changing Room (Restaurant)
- 25. Female Changing Room (Restaurant)
- 26. Garden
- 27. Plant Room 1
- 28. Private Corridor
- 29. Office
- 30. Meeting Room

- 31. Office
- 32. Meeting Room
- 33. Plant Room 2
- 34. Technical Lift
- 35. Public Corridor
- 36. Female Restrooms
- 37. Male Restrooms
- 38. Accessible Unisex Restroom
- 39. Cleaning Storage
- 40. Storage 1
- 41. Break Room
- 42. Staff Garden
- 43. Storage 2

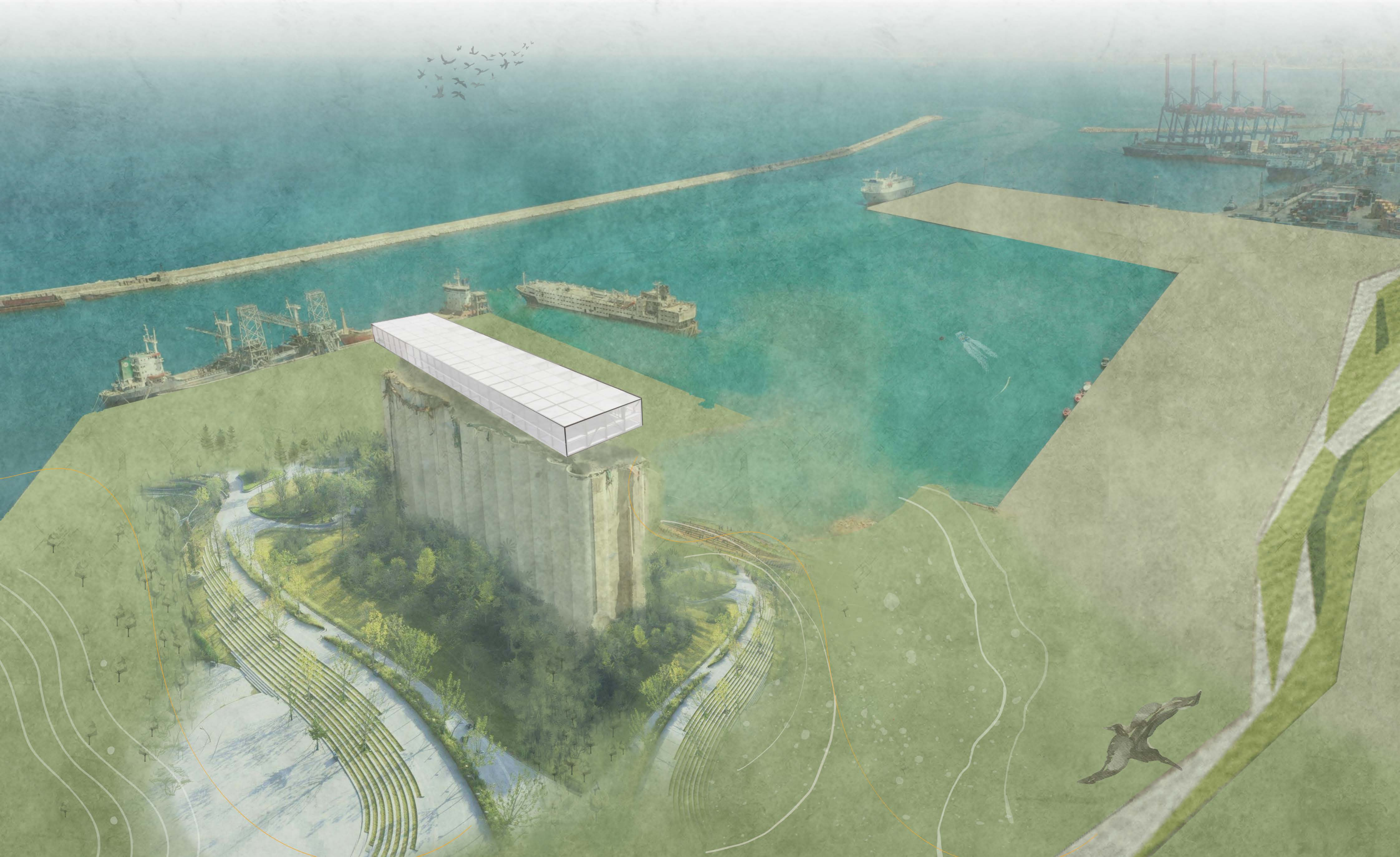
MEMORIAL MUSEUM

GREEN HOPE

THE MUSEUM IS THE HEART OF THIS PROJECT AND WHERE THE MAIN GOAL IS TO GIVE HOPE BACK TO THE BEIRUT COMMUNITY. IT OFFERS FLEXIBILITY IN THE SPACES, SEA & CITY VIEWS, BRINGS NATURE TO THE PORT AND IS FOCUSED ON THE COMMUNITY.



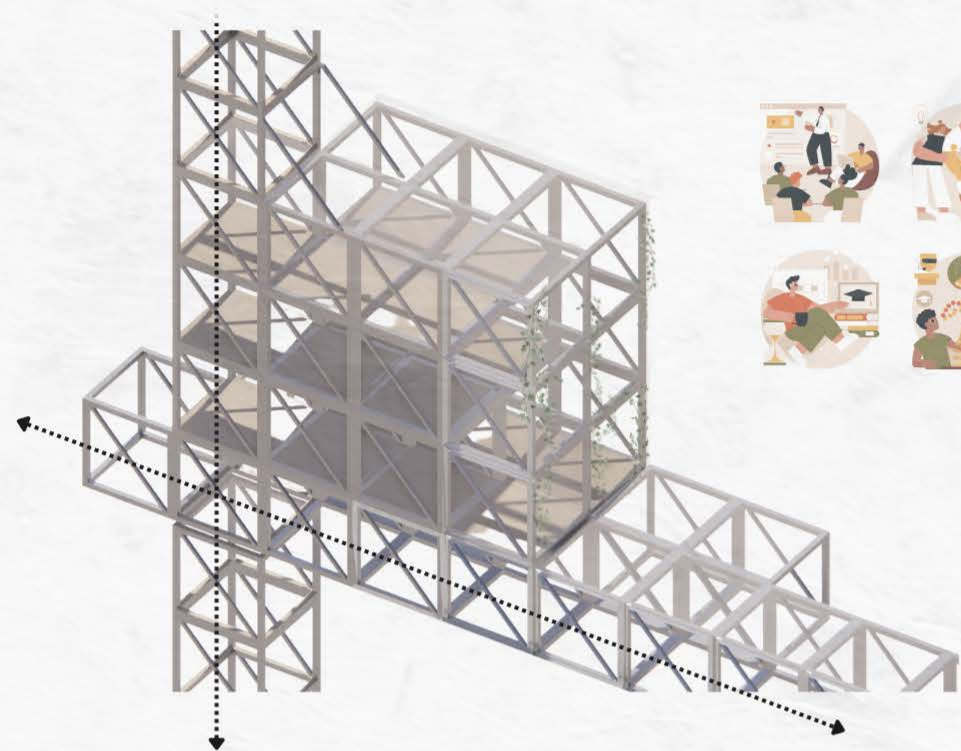
WEST ELEVATION - FUTURE



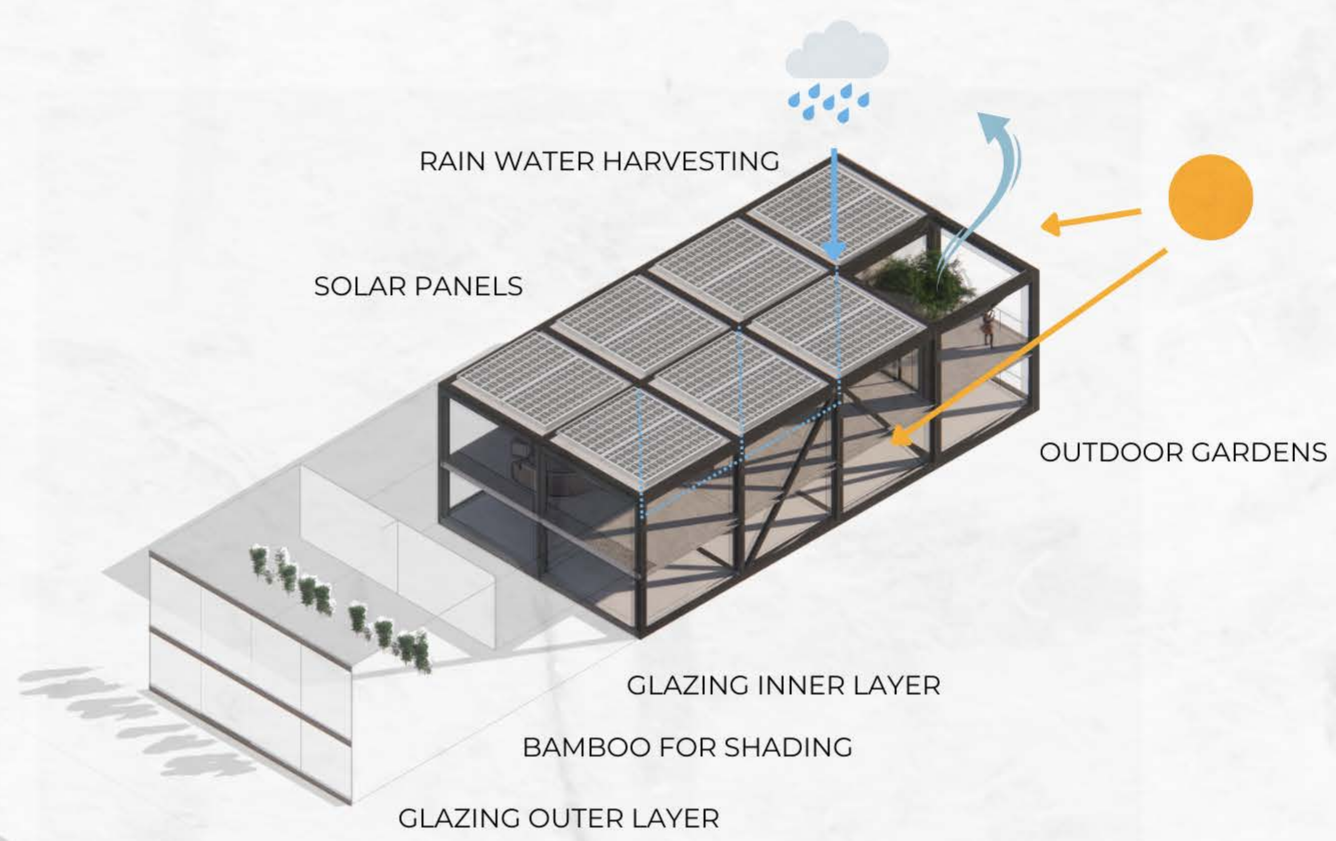


EAST ELEVATION - PAST

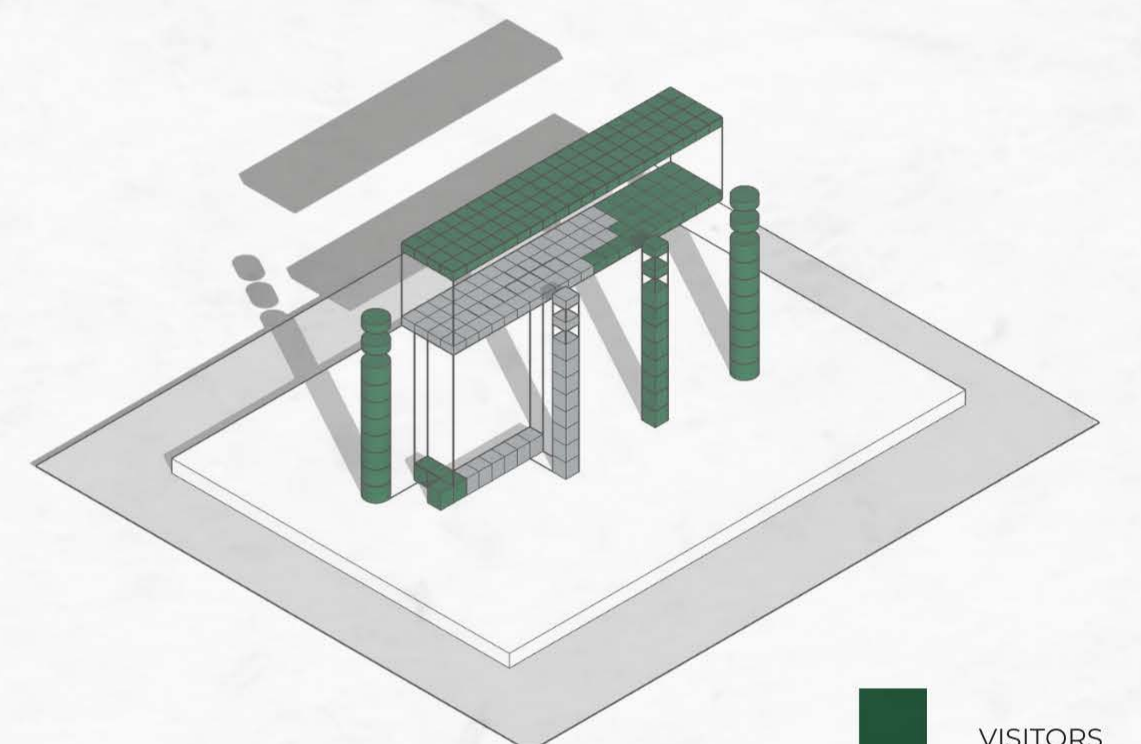
STRUCTURE



ENVIRONMENTAL STRATEGY



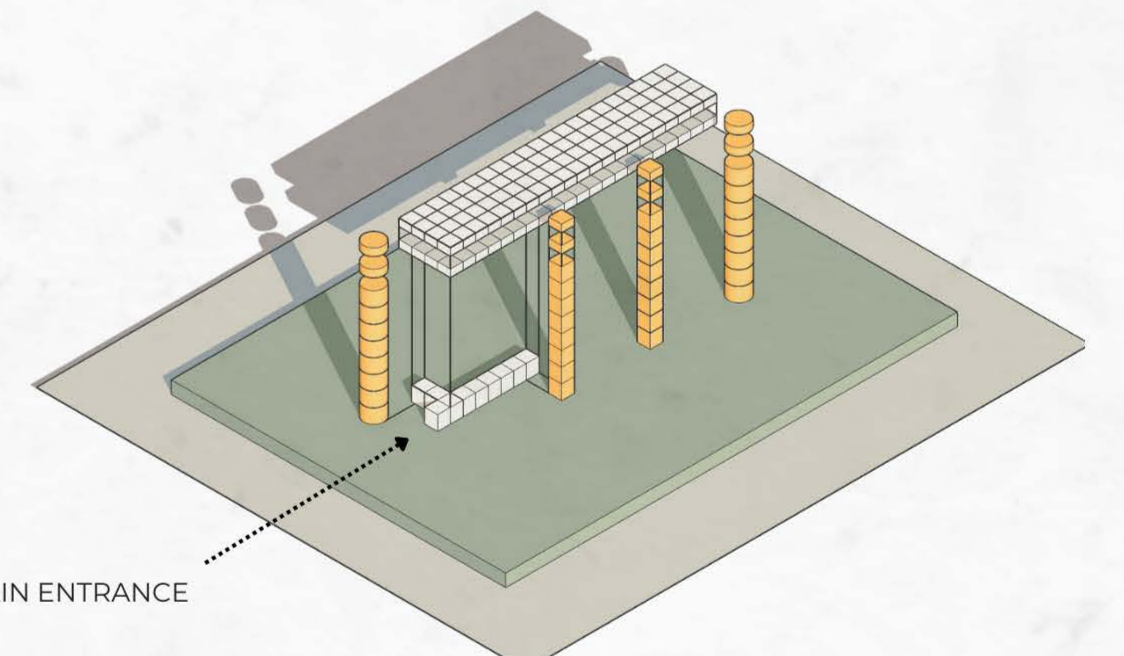
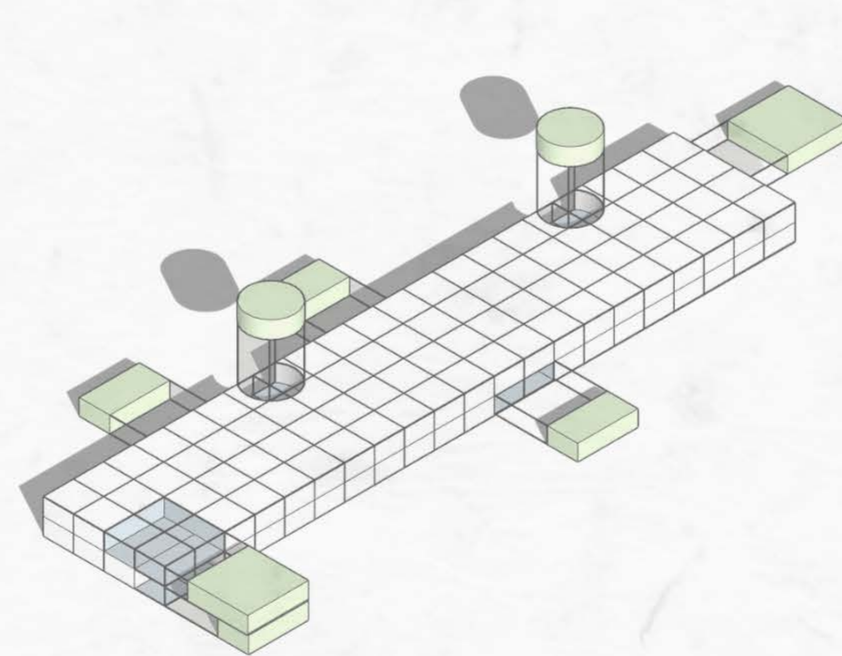
PUBLIC/PRIVATE DIAGRAM



MATERIALITY



CIRCULATION



INTERIORS - RESTAURANT/BAR/EVENTS & MUSEUM



SKY GARDEN

