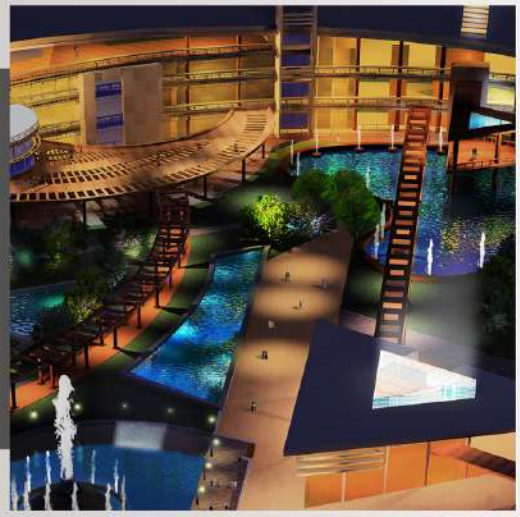
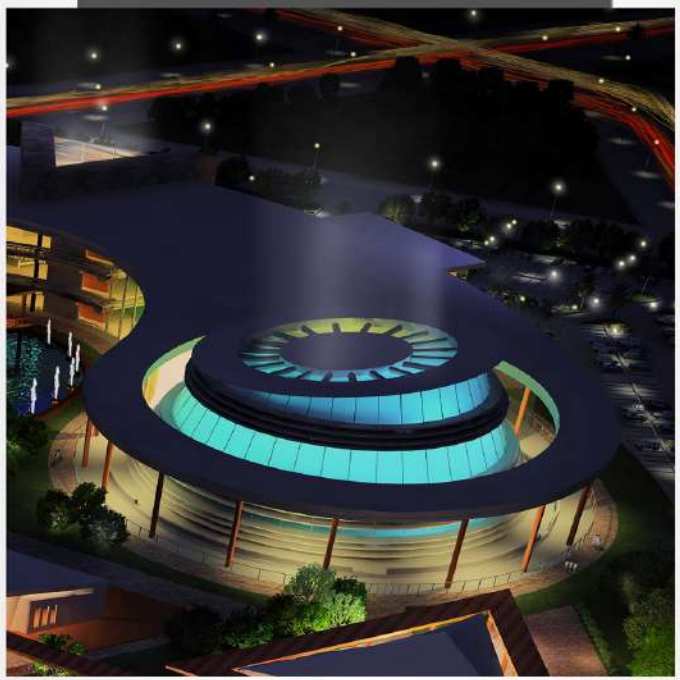
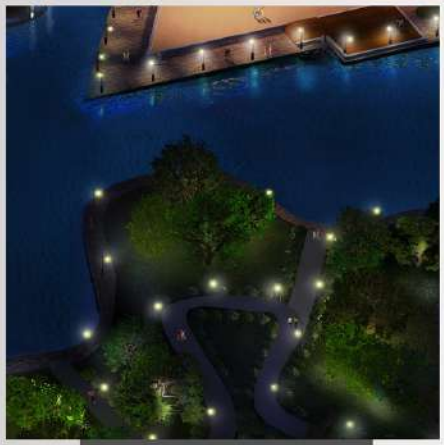








PORTFOLIO

CHADI KATTACH

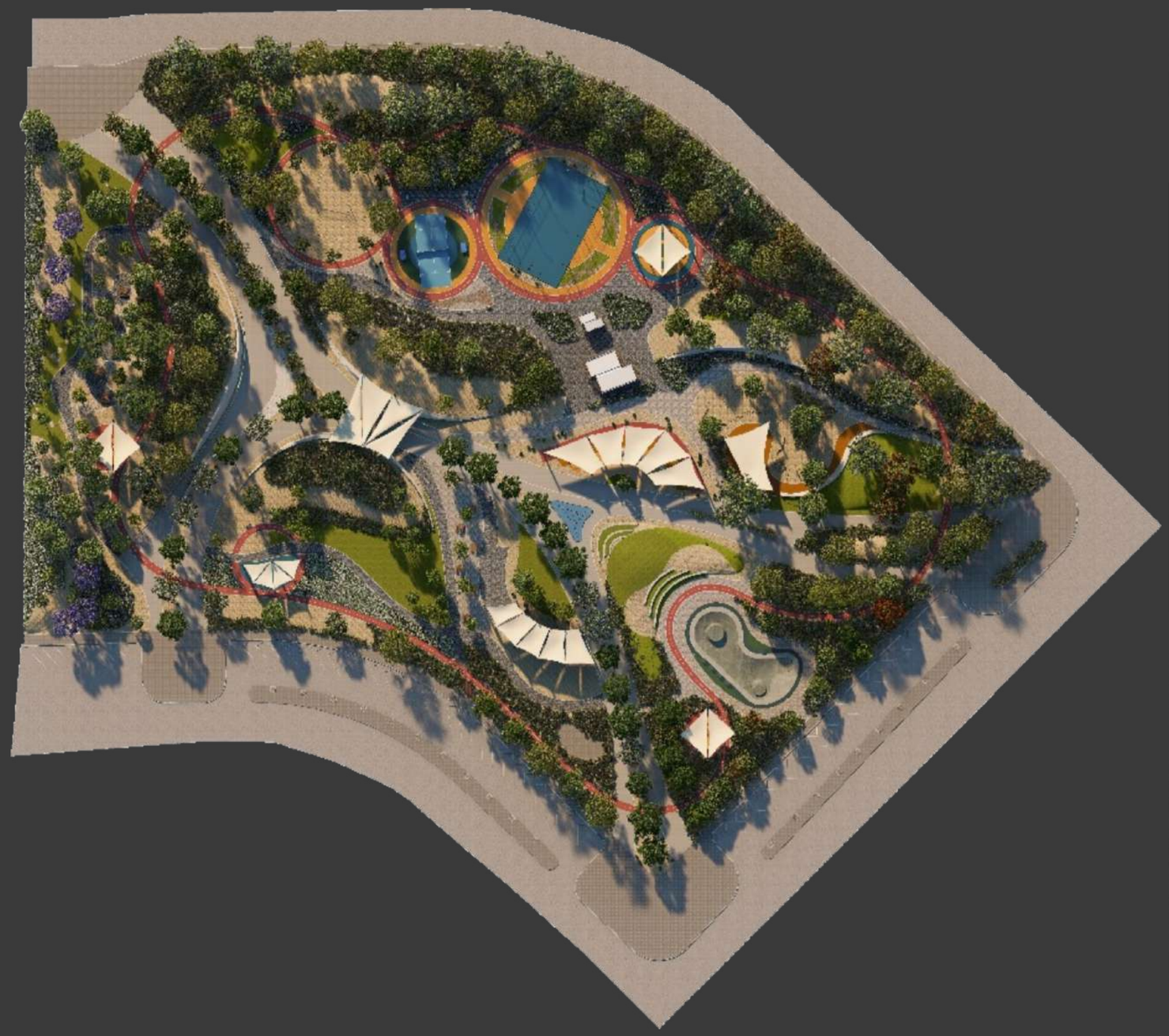
ARCHITECT /LANDSCAPE ARCHITECT

1997-2024

MBZ- ABU DHABI - 68 Parks -2024

Design and construction

As a supervision company, our focus is on developing the concept design and ensuring its compliance with applicable regulations and conditions. We also supervise all phases of implementation and follow up on post-implementation maintenance.









MBZ- ABU DHABI - 68 Parks -2024

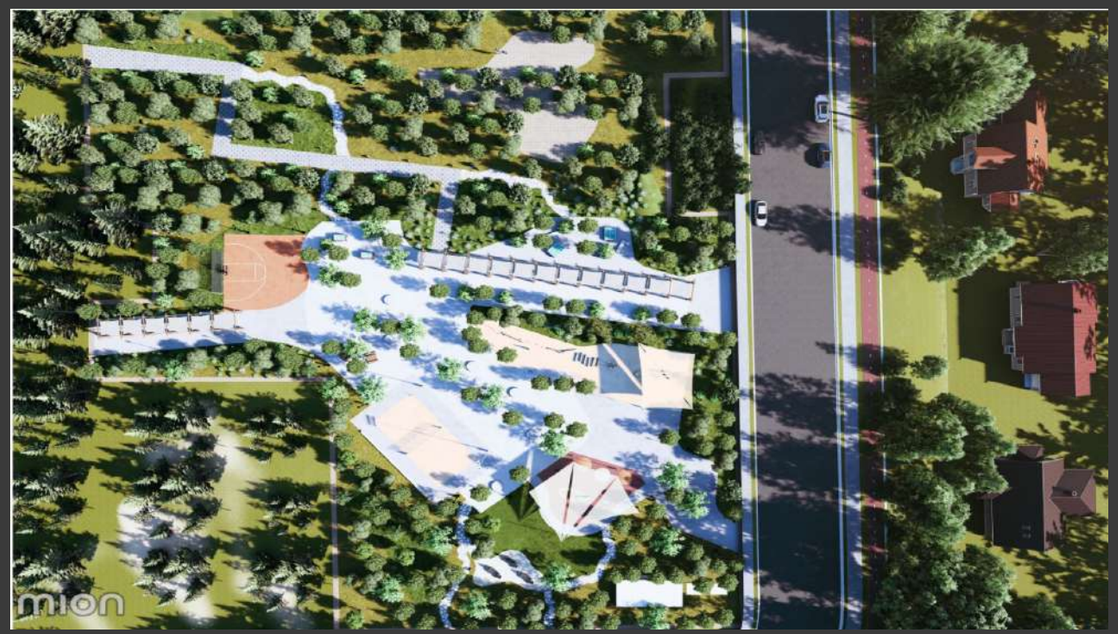








MBZ- ABU DHABI - 68 Parks -2024









MBZ- ABU DHABI - 68 Parks -2024





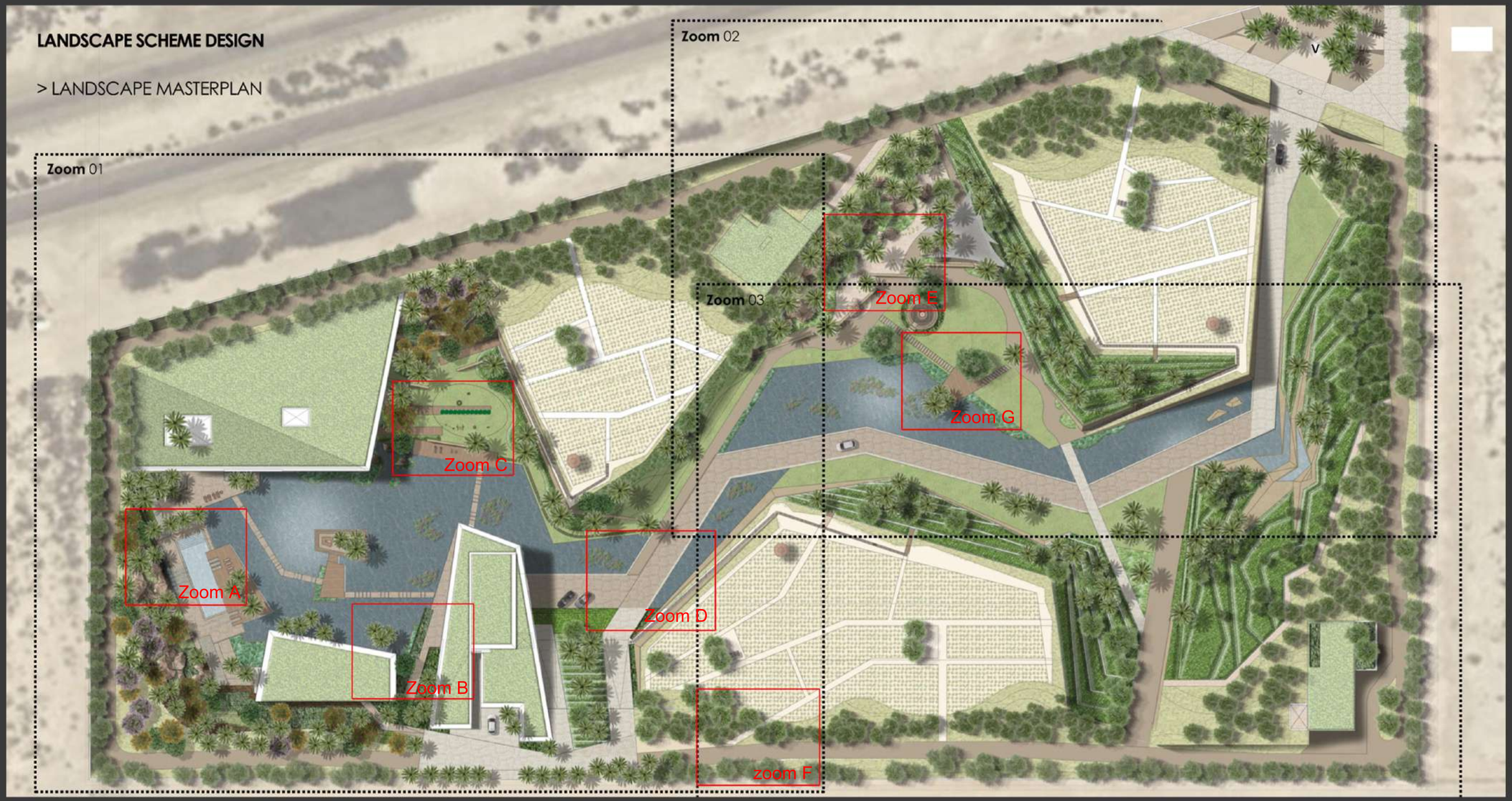


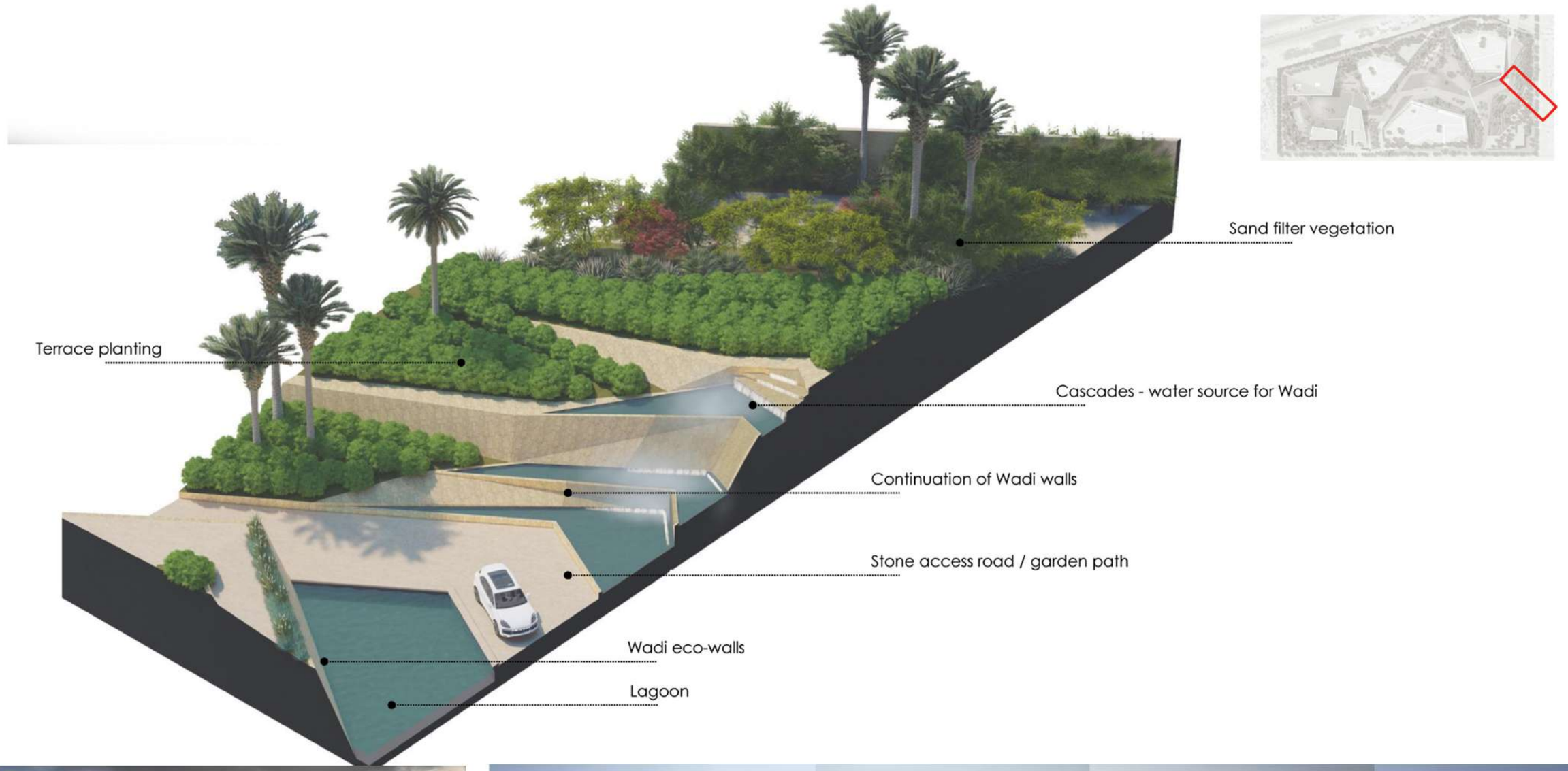




Private farm villa 44 000sqm : 2022 -2025

Abu Dhabi : Architect and Landscape Architect.




Sand filter vegetation
Terrace planting
Cascades - water source for Wadi
Continuation of Wadi walls
Stone access road / garden path
Wadi eco-walls
Lagoon





PROPOSED
ZOOM B

A



RAISED STONE PLANTERS

B



AQUATIC PLANTERS. SEE DETAILS.

C



STEPPING STONES_ LOCAL STONE. BEIGE.

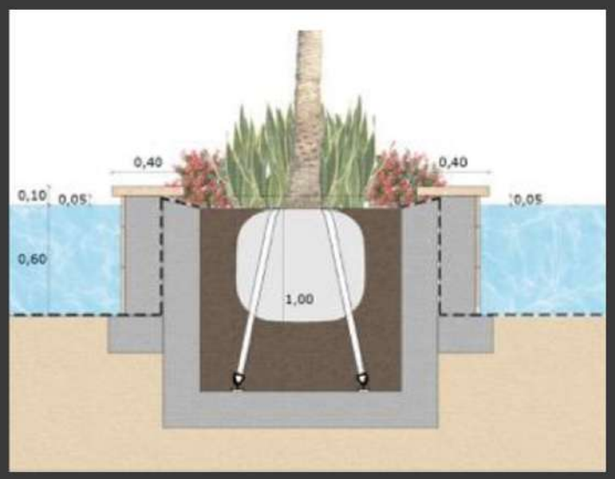
D

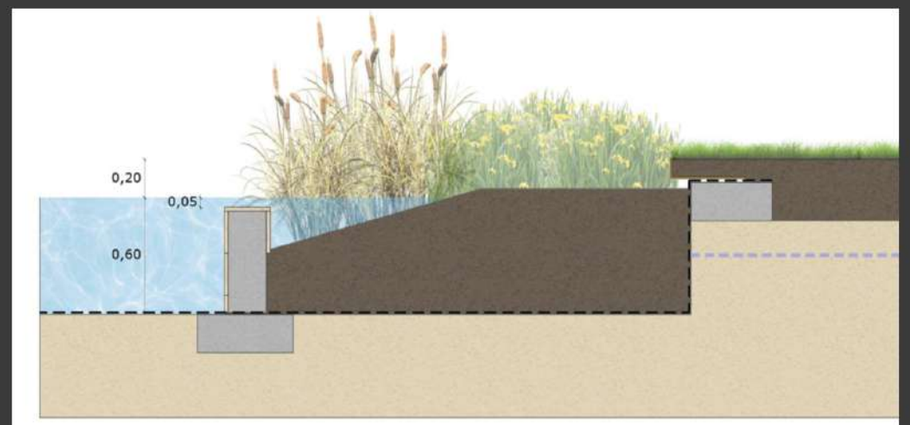


STONE SLABS_ LOCAL STONE. BEIGE.

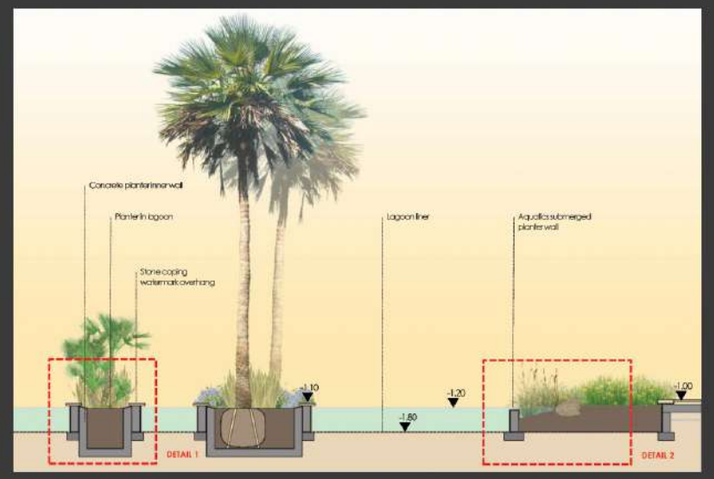


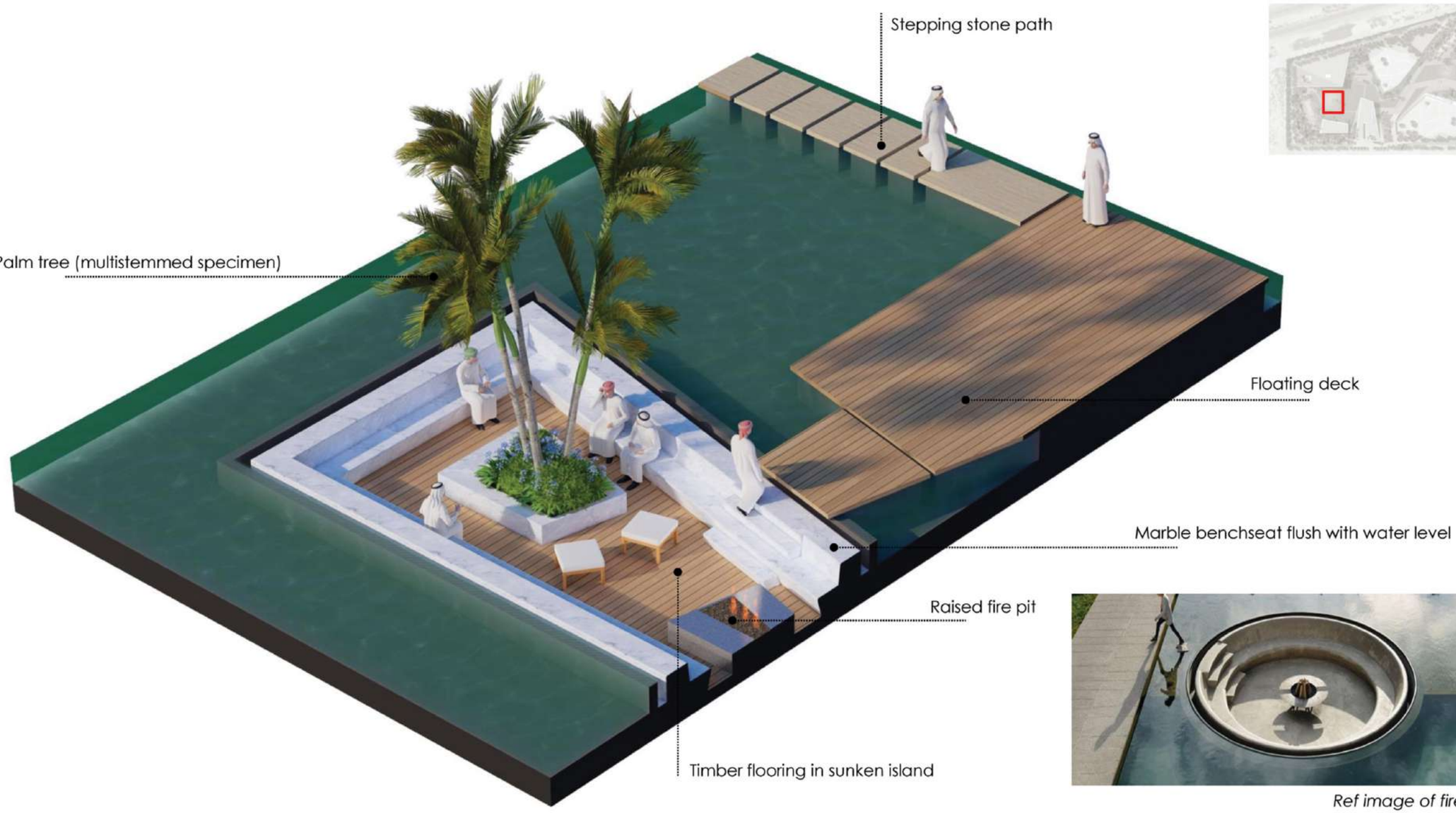




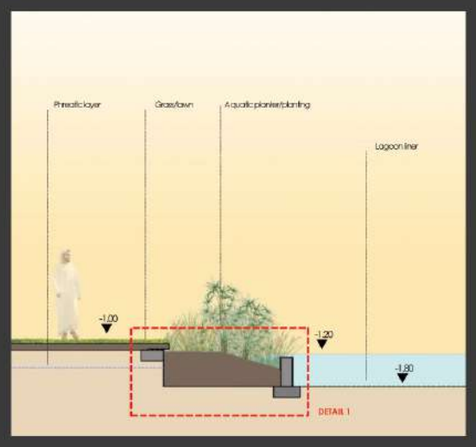


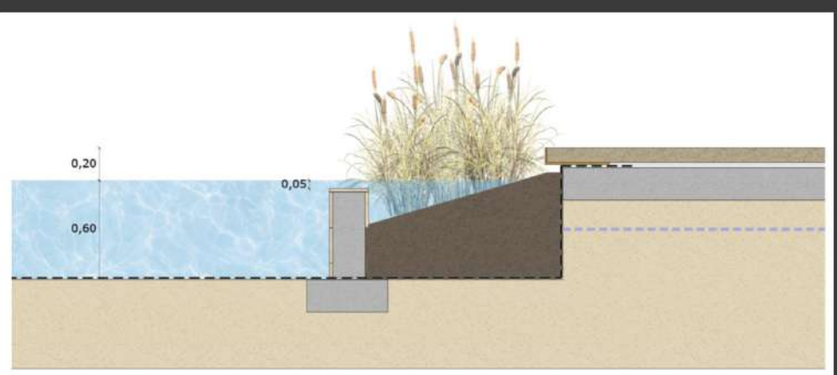
DETAIL 1. Planted aquatic edge (overhang shadow to hide water mark)



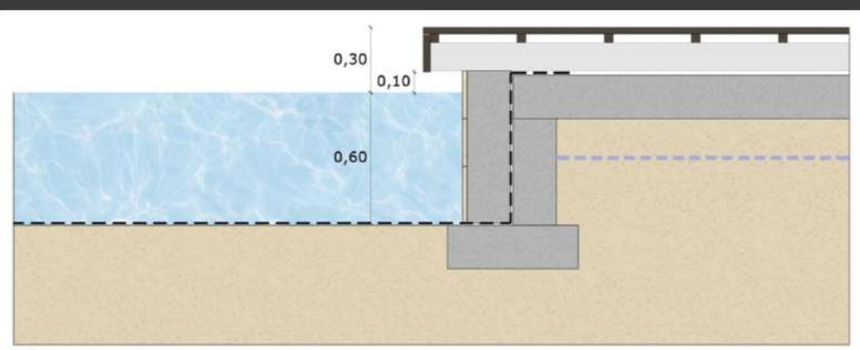


Ref image of firepit type





DETAIL. Planted aquatic edge adjacent to decking (overhang shadow to hide water mark)



DETAIL. Raised deck edge (pool area)

PROPOSED
ZOOM A

A



POOL CERAMICS_ ROSA GRES. BEIGE TO MATCH WITH STONE PAVING.

B



COMPOSITE DECK_ TEAK BROWN.

C

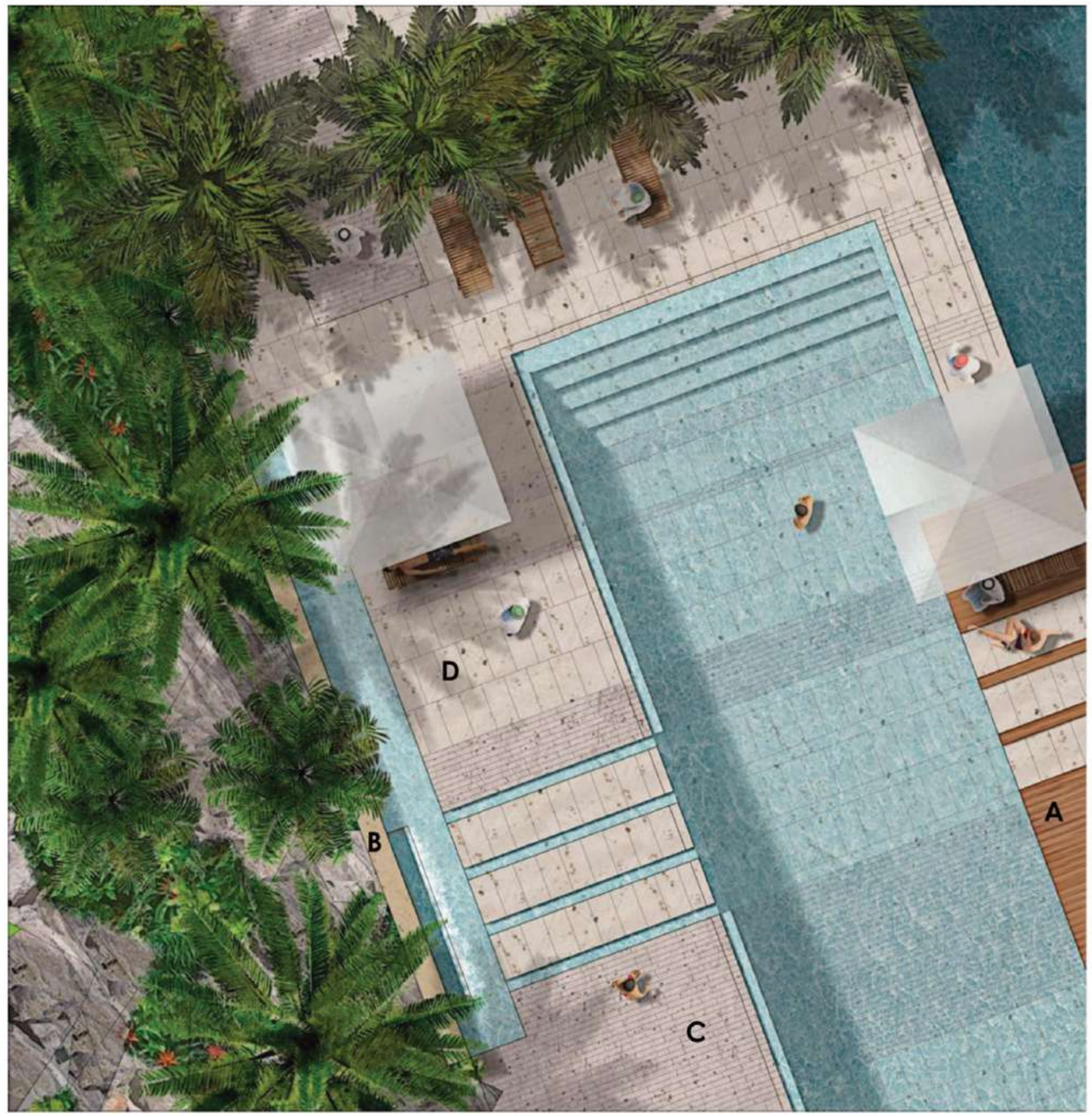


STONE SETTS_ LOCAL STONE. BEIGE.

D

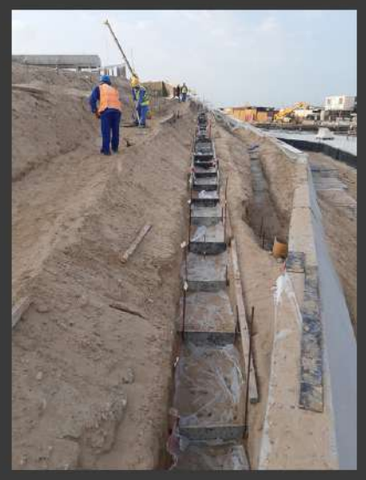


STONE SETTS_ LOCAL STONE. BEIGE.













COMMERCIAL TOWER - ABU DHABI.

2013 / 11 / 01 2018 / 04 / 01

THE PROJECT CONSISTS OF 98 APARTMENTS IN ADDITIONAL TO 1800 sqm AS AN OFFICES AND A BANK IN THE G.F

Im the Architectural designer of the project , Civil defence calculation, Basements and cars parkings design

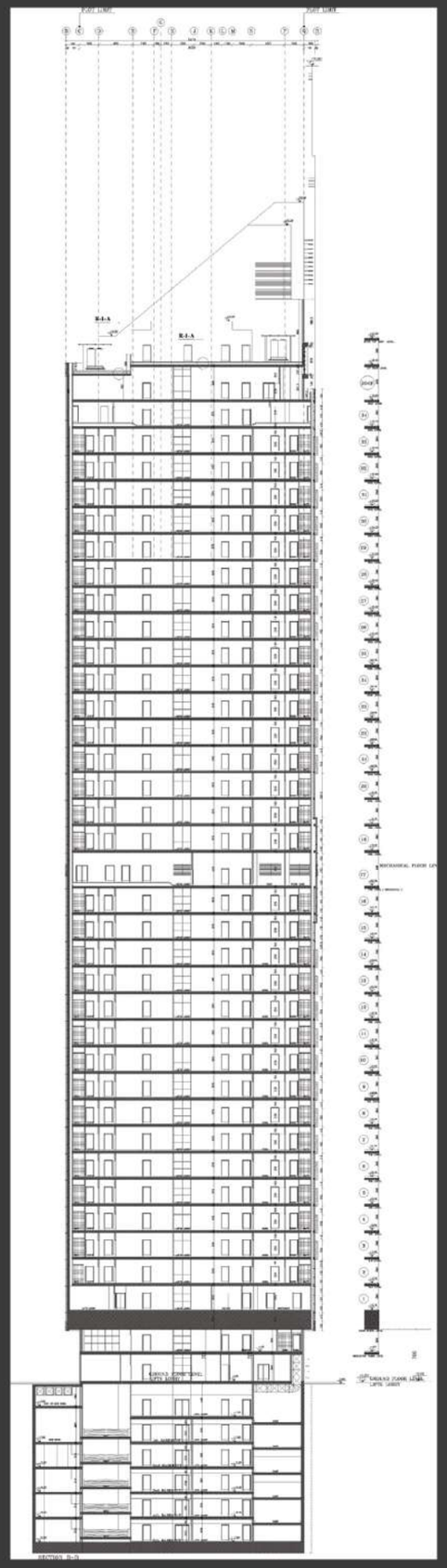
PROJECT CHALLENGES :

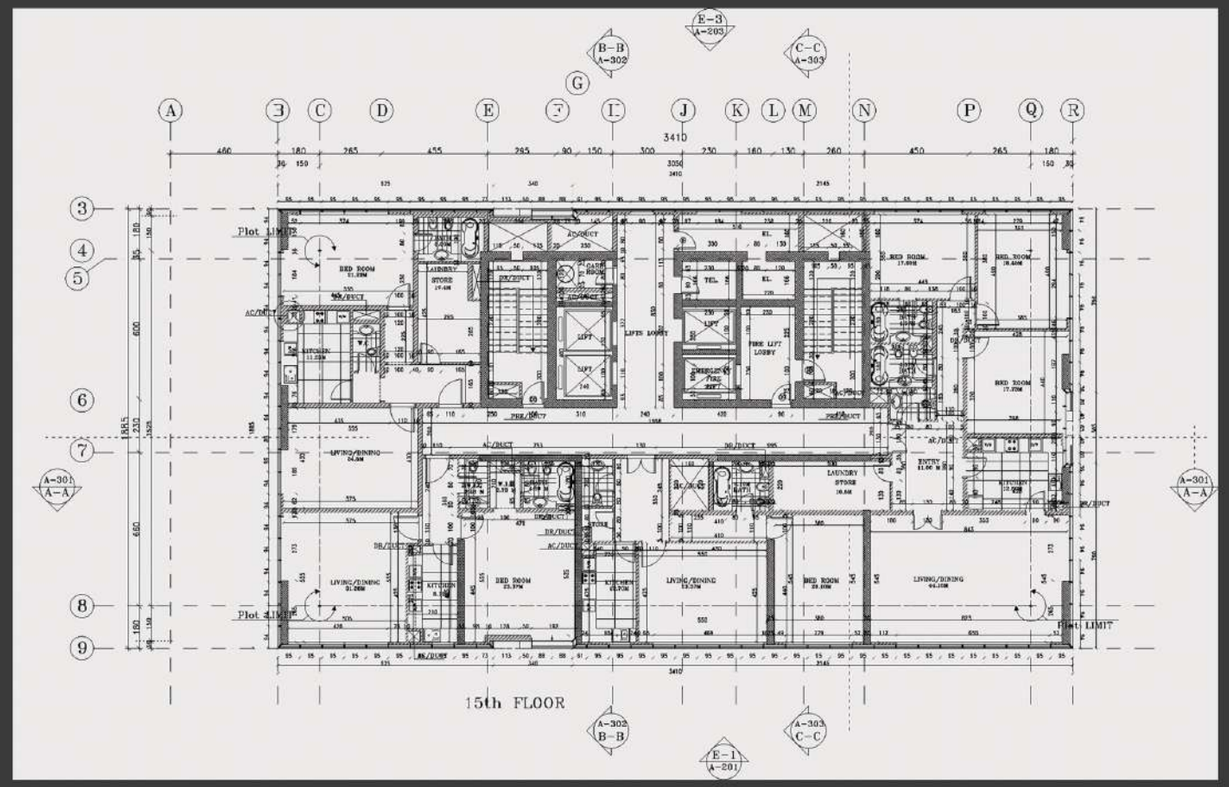
- ACHIEVING A DESIGN THAT ENSURES VIEW OF ALL ROOMS TOWARDS THE SEA
- THE OWNER REQUEST WAS DIFFERENT DESIGNS OF APPARTMENT ON THE TYPICAL FLOORS
- SECURE PARKING FOR ALL RESIDENTS . 204 PARKINGS
- SECURE A FAST AND SAFE ESCAPE FOR ALL RESIDENTS AND WORKERS IN THE EVENT OF FIRE
- DIFFICULT STRUCTURAL STUDY OF EARTHQUAKE RESISTANCE DUE TO THE WIDTH OF THE BUILDING IN RELATION TO ITS LENGTH AND HEIGHT .
- DIFFICULTIES IMPLEMENTING THE BASEMENTS 27 METERS DEEP OPPOSITE THE SEA



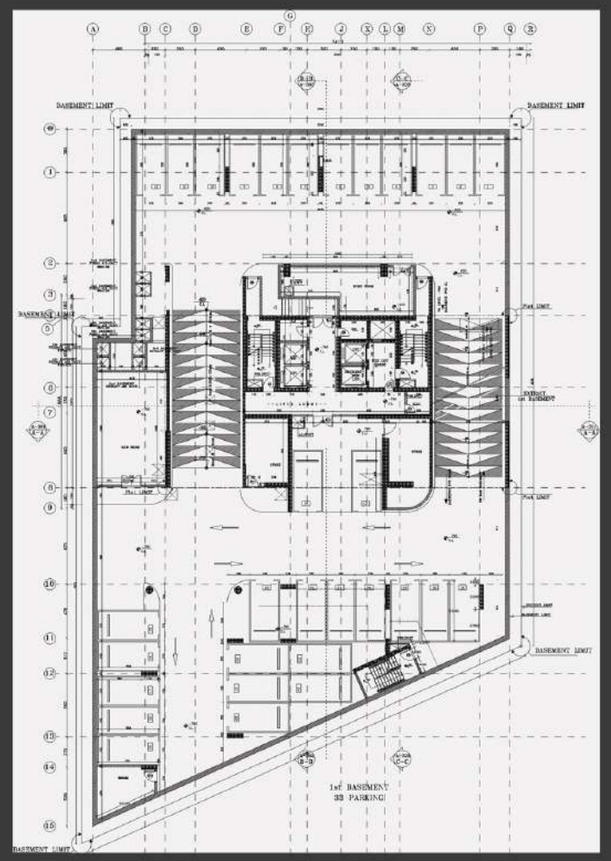


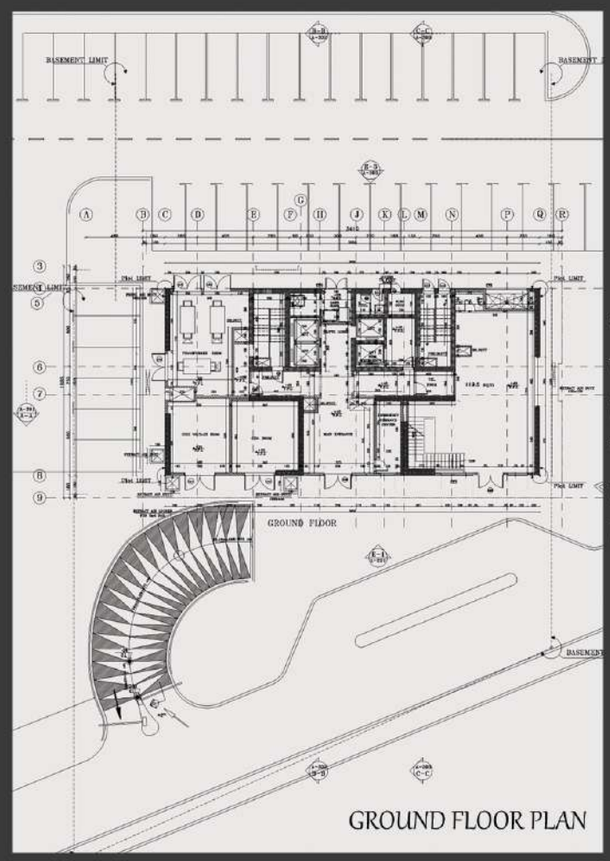






THE CONDITION OF THE OWNER TO ACHIEVE OVERSIGHT OF THE SEA FOR THE ROOMS WAS THE REASON FOR THE TRANSFER OF THE BASIC STRUCTURE ELEMENTS FROM THE CENTER TOWARDS THE BACKEND





THIS MADE THE SEISMIC STUDY VERY DIFFICULT WITH THE ADDITION OF NEW STRUCTURAL ELEMENTS TO CREATE A BALANCE .
THESE STRUCTURAL ELEMENTS CREATED NEW PROBLEMS TO SOLVE THE CARS CIRCULATION IN THE BASEMENTS .

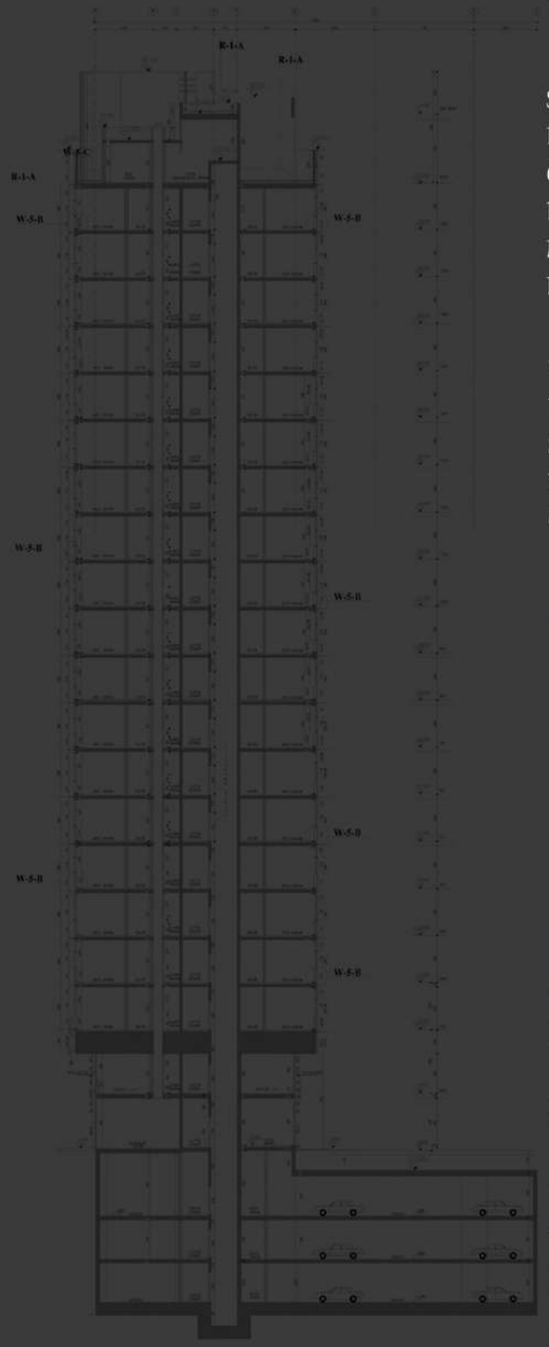
COMMERCIAL TOWER IN ABU DHABI

2016 / 03 / 01 2020 / 03 / 01

THE PROJECT CONSISTS OF 20 TYPICAL FLOORS, 3 BASEMENTS , GROUND FLOOR AMD MEZZANINE FOR OFFICES . (80 APPARTMENTS)



PERSPECTIVE



SAMPLE REPEATED PROJECTS , A VERY SMALL PIECE OF LAND , ABOUT 15 BY 25 METERS . CLOSED ON BOTH SHORT SIDES .
IT IS ALLOWED ON TYPICAL FLOORS ONLY WITH MAXIMUM 1.8 METER PROJECTIONS FRONT AND BACK SIDES .

EXTERNAL CLADDING MATERIALS SHOULD BE : DOUBLE GLASS AND ALUMINUM CLADDING WITH SPECIAL SPECIFICATIONS. THE COLOURS MUST BE TAKEN FROM THE SHADE OF COLOURS : THE SKY, THE ARABIAN GULF DESERT SANDS





Im the Architectural designer of the project , Civil defence calculation, Basements and cars parkings design























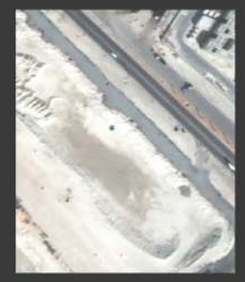
PODIUM ELEVATIONS DESIGN

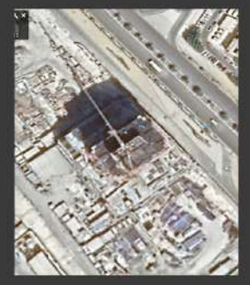


COMMERCIAL TOWER IN ABU DHABI

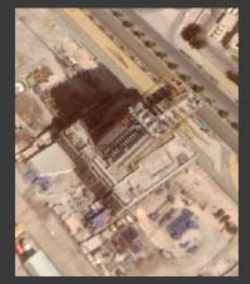
2011-2017

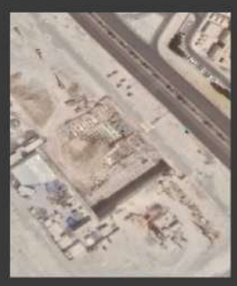
The project consists of 3basements, 3 podiums and 41 typical floors
The project bis characterized by the podium system used as parking and housing. The challenges were in the huge number of employees in the building about 1270 people.
and secure their services such as parking, ventilation , etc.. . . .

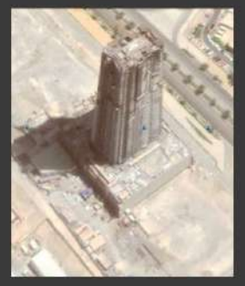


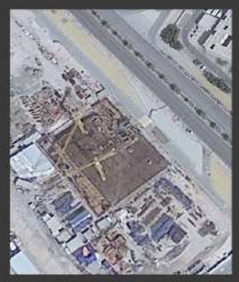












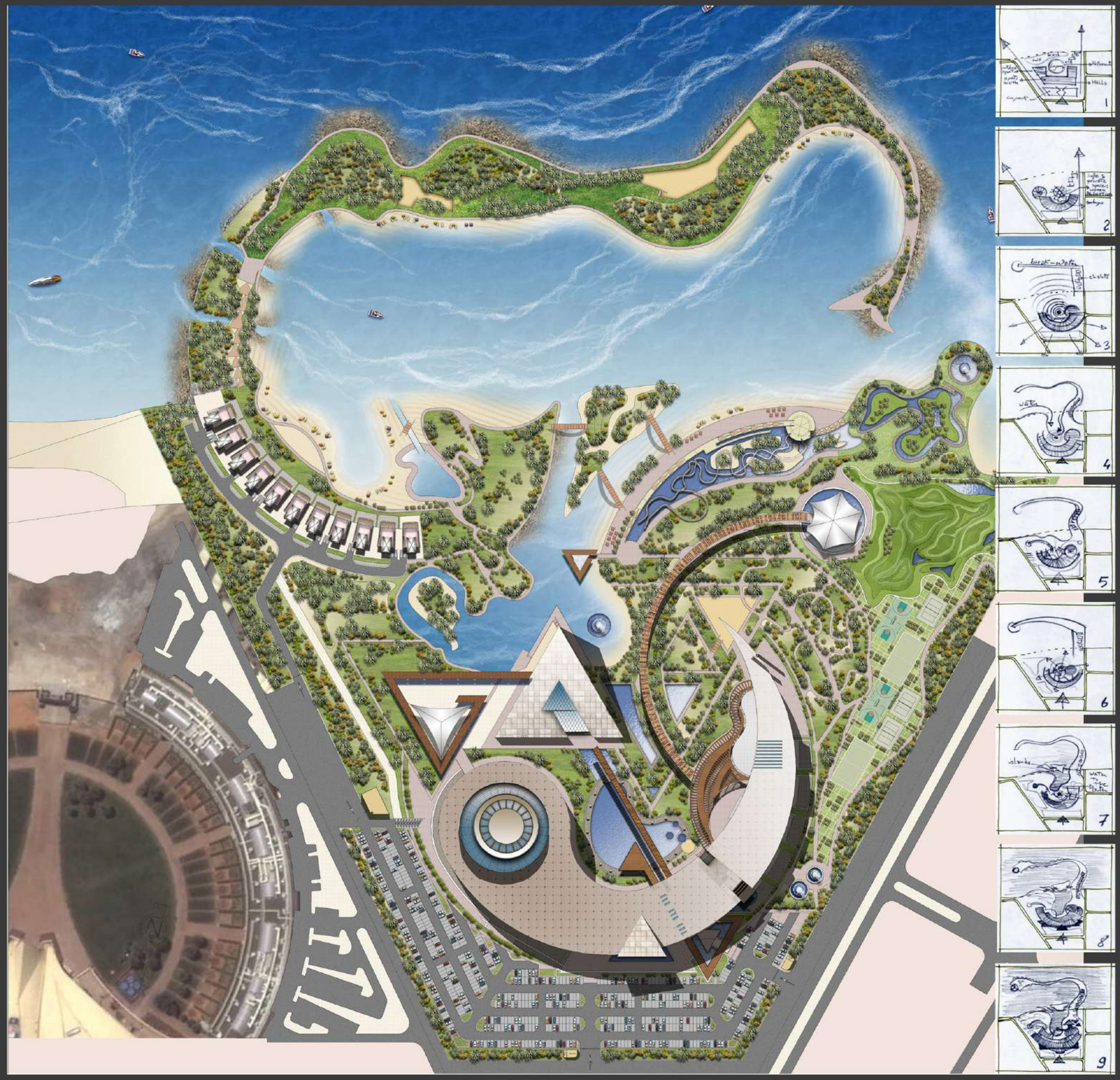


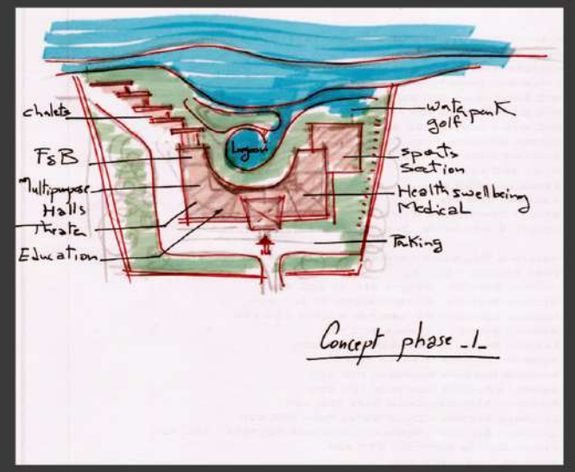
Im the Architectural designer of the project , Civil defence calculation, Basements and cars parkings design

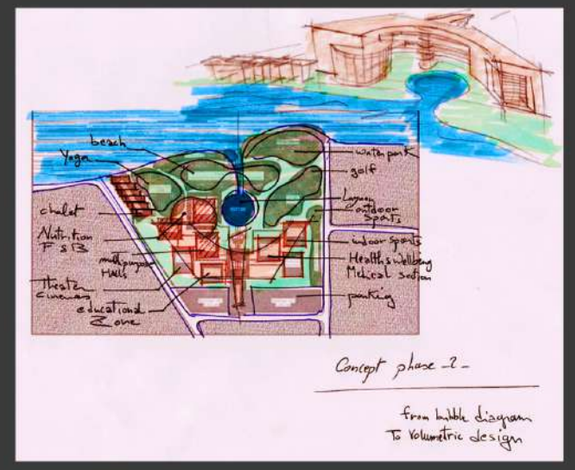
LADIES HEALTH CLUB

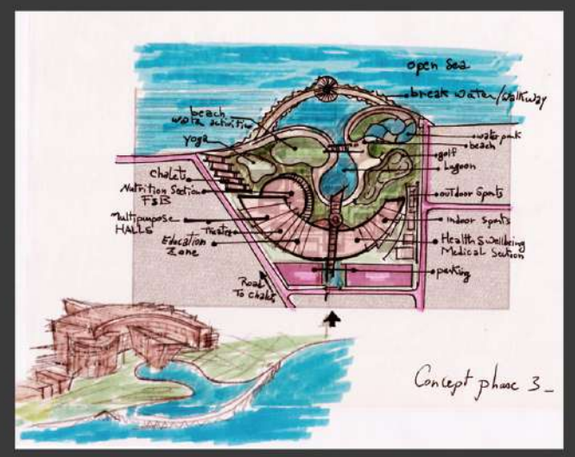
- CONCEPT DESIGN . 2016 -

A HEALTHY RECREATION PROJECT INTENDED ONLY FOR WOMEN AND CHILDREN . CONTAINS A GROUP OF RESTAURANTS AND CAFETERIAS, FANCY SHOPS, WATER GAMES BEACHES FOR SWIMMING, HEALTH TREATMENT CENTERS AND CHALETS .











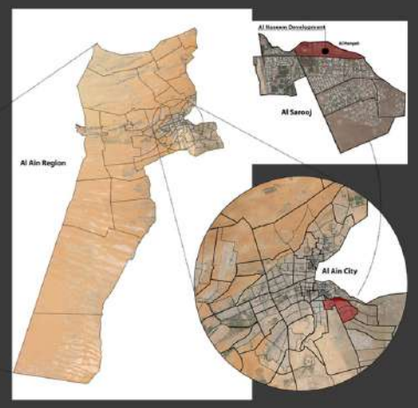
RESIDENTIAL COMPLEX 2016-2022

AL AIN CITY - UAE

THE PROJECT CONSISTS OF 93 VILLAS AND HEALTH CLUB FOR WOMEN WITH MALL .

THE PROJECT IS AN EXAMPLE OF THE INVESTOR AND OWNER'S VICTORY OVER ARCHITECTURE AND PLANNING BY USING AN ARCHITECTURAL STYLE THAT IS INCONSISTENT WITH THE NATURE OF THE REGION , BOTH ENVIROMENTALLY AND TRADITIONALLY. IN ADDITION YO A HIGH INVESTMENT RATE .





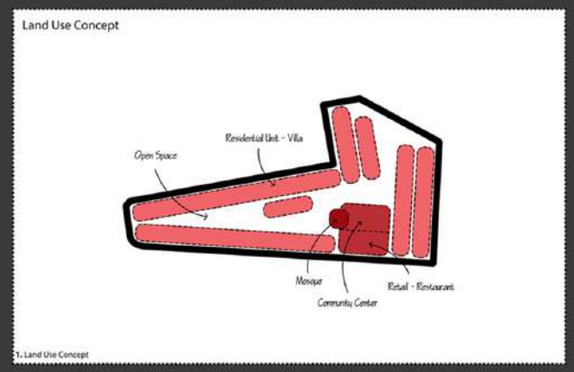
SITE LOCATION

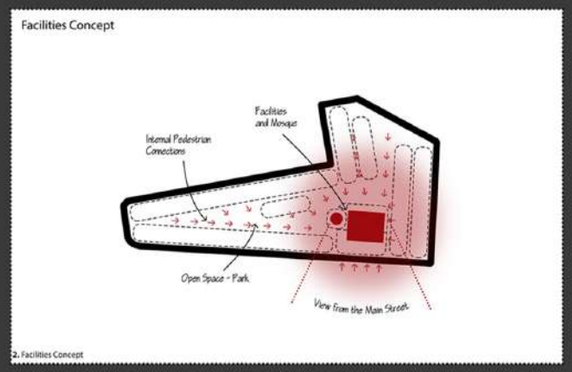


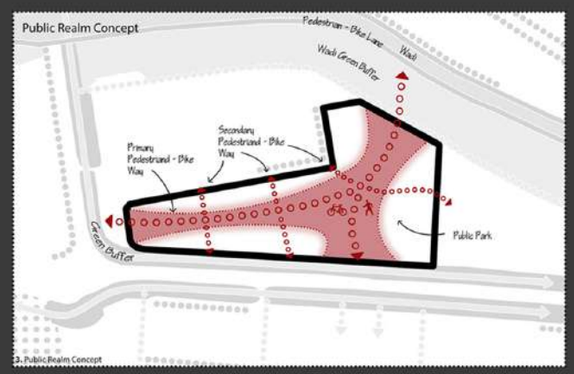


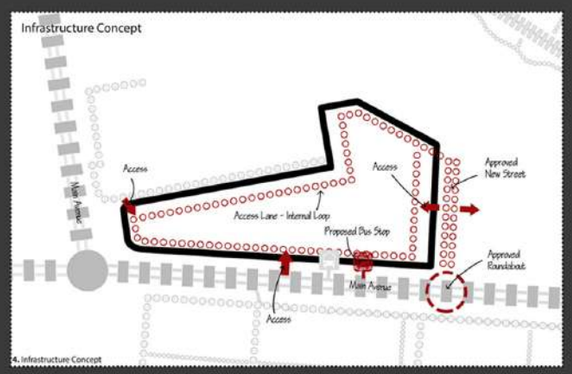


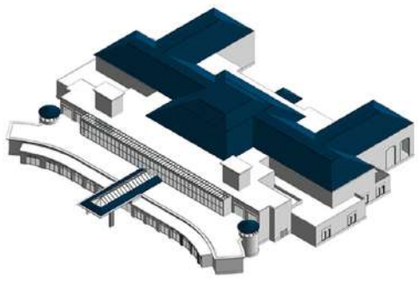












x 1

Ladies Club Souq

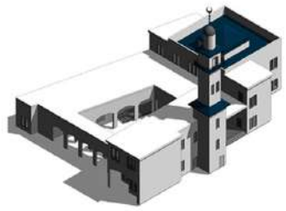
Plot Area: 11799 sqm
GFA: 8749 sqm
FAR: 0.80
Height: 17.6 m
Storeis: 2 + basement



x 70

Villa 4 Bedroom

Plot Area: 615 sqm
GFA: 519 sqm
FAR: 0.85
Height: 14
Storeis: 3



x 1

Mosque

Plot Area: 2769 sqm
GFA: 794 sqm
FAR: 0.29
Height: 27.2 m
Storeis: 2



x 23

Villa 5 Bedroom

Plot Area: 752 sqm
GFA: 594 sqm
FAR: 0.79
Height: 14
Storeis: 3













MARINE BIOLOGY MUSEUM IN ABU DHABI - CONCEPT DESIGN -

The project consists of a basement and four floors.
Its aim is to offer mimmies to marine neighborhoods in the Gulf region.
It contains galleries and educational halls .



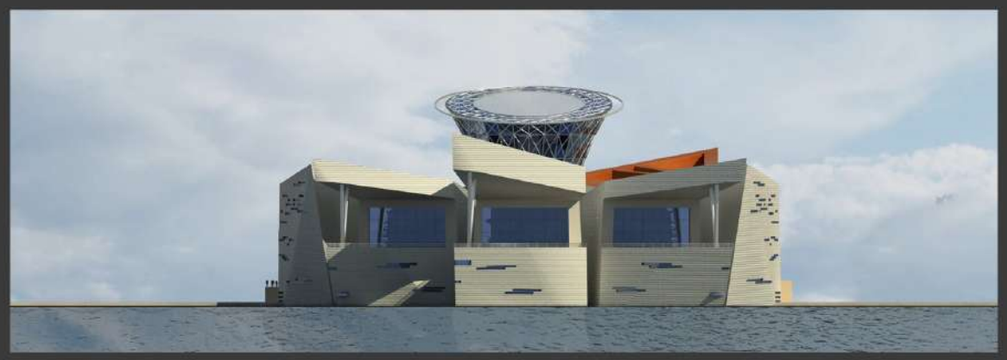
Front Elevation



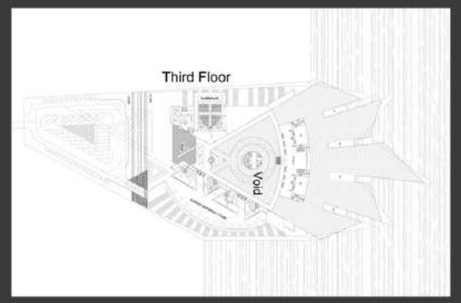
Left Side Elevation

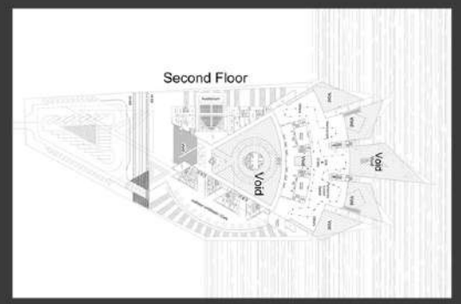


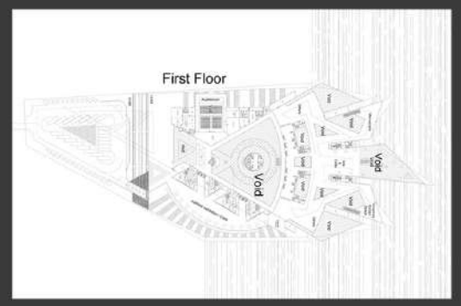
Right Side Elevation

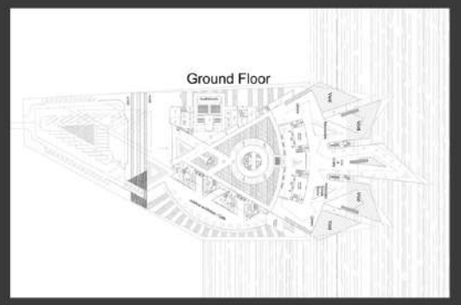


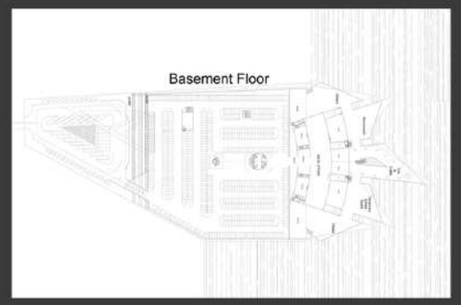
Rear Elevation













Site Plan









Riverside Tranquility: Sunset Yoga's Urban Serenity - Seoul /South Korea

2022 / 12

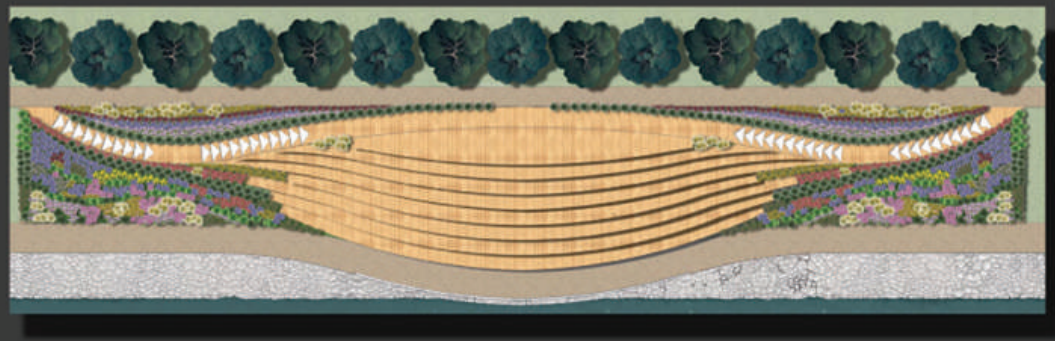




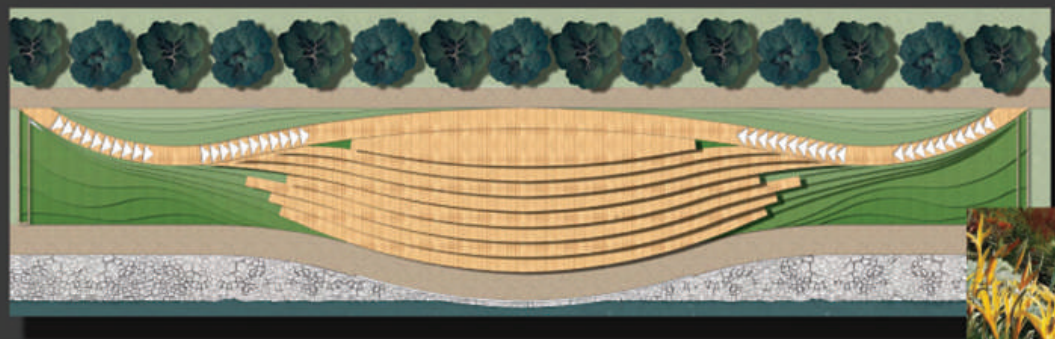


Riverside Reverie: A Sunset Symphony Overlooking the City - Seoul /South Korea

2023 / 02



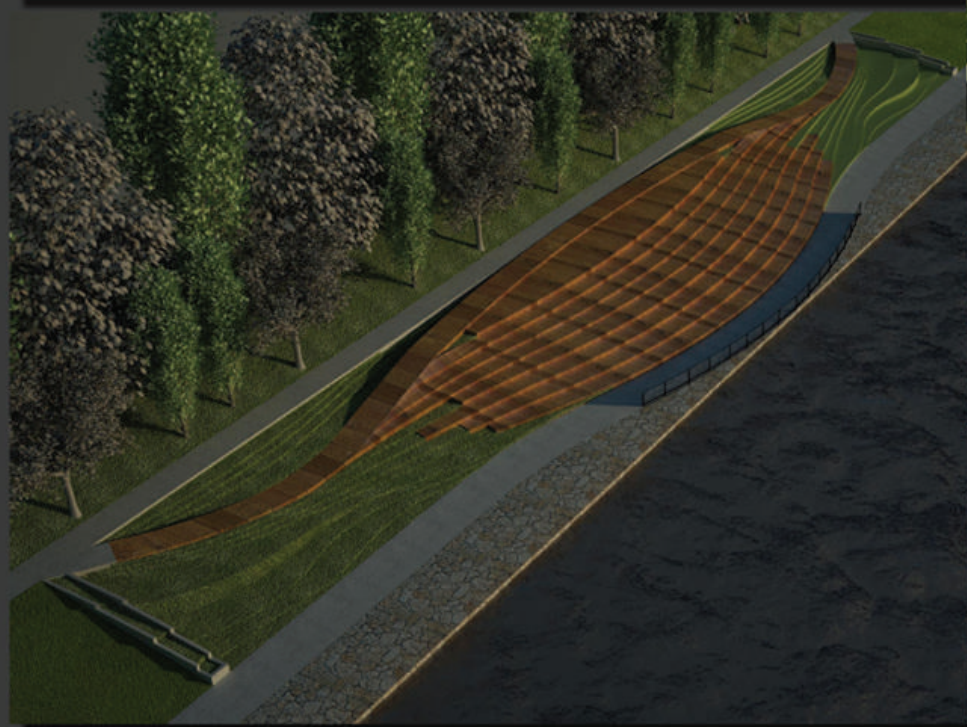


















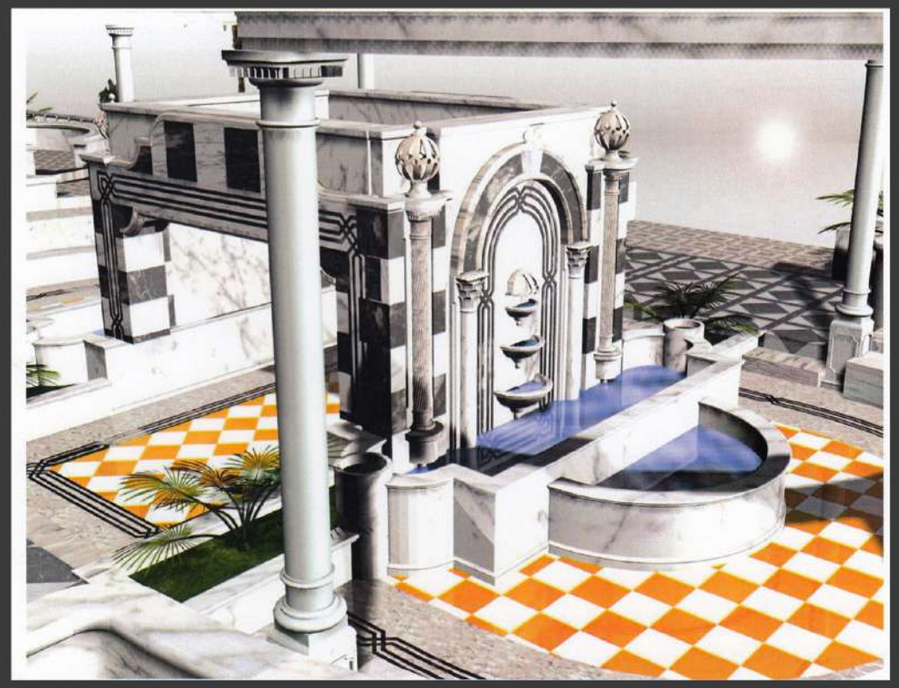
The Unknown Soldier Square - 1998

This is my first project as an architect

All architectural elements are derived from the heritage architecture in my city

It was a competition to design this square within my city

It has got the first place and the executive study







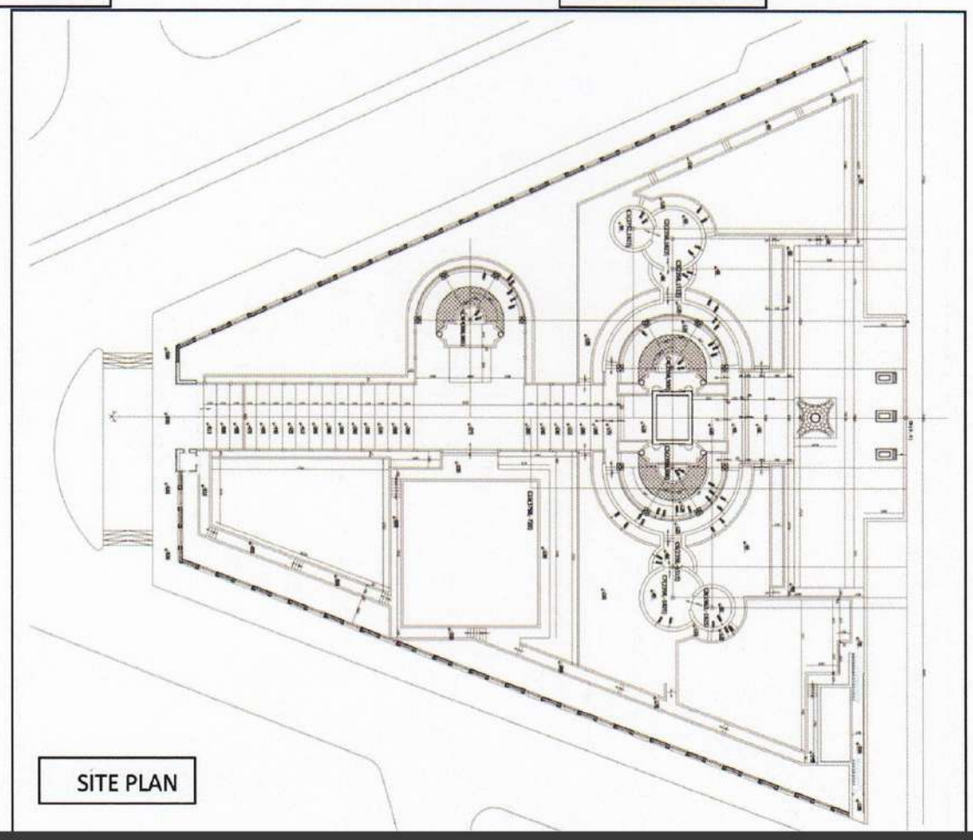
PERSPECTIVE-3



SITE LOCATION



PERSPECTIVE-4



SITE PLAN