

W&M engineering consultants

UNITED ARAB EMIRATES

UAE-DUBAI-DEIRA-PORT SAEED

ZEENAH BUILDING-M108

TEL: +97142628208

FAX: +97142628207

PO BOX: 85949

EMAIL: wmdxb@eim.ae

ABU DHABI-OLD PASSPORT ROAD

RAPCO BLDG-401

TEL: +97126722995

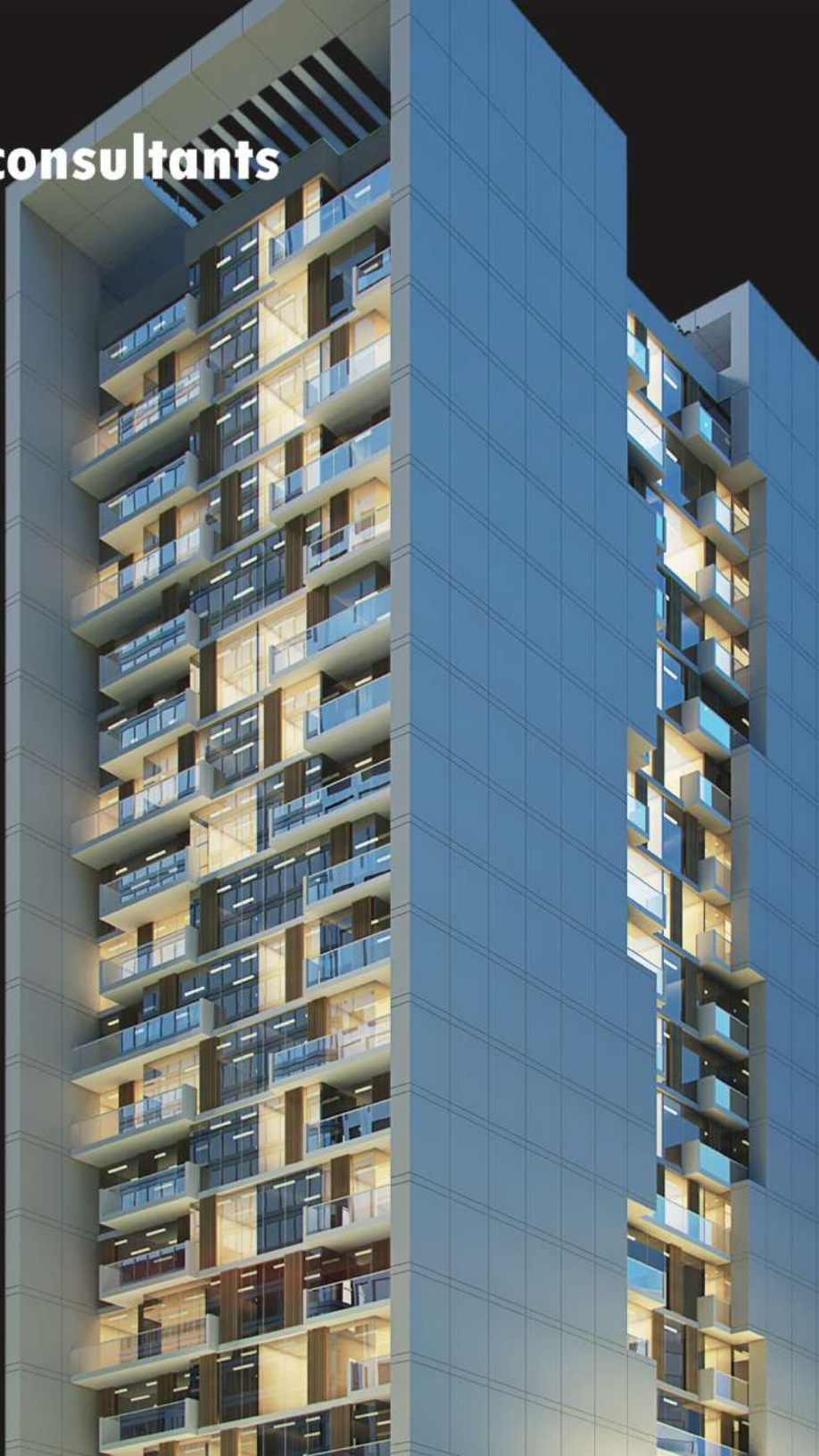
FAX: +97126744451

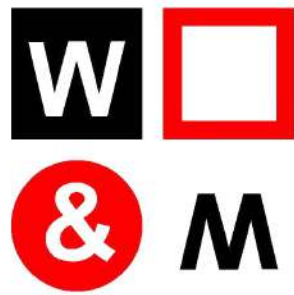
PO BOX: 35719

IRAQ-BAGHDAD

ALYRMOUK SEC 616 STREET NO 18

TEL: 009647808968842







For over Fifteen Years, W&M Engineering Consultant
were in designing and planning projects
priliminary in the U.A.E, Africa and Iraq,
then in other Countries of the region.

Our vision aries from our understanding of regional
heritage while employing the latest, tried and tested,
advances in building technology
and engineering innovation.

Nowadays,our team of arhitects,structural designers
and MEP professionals backed by experienced
in-house staff of field engineers
provide a full multi-disciplinary services package
fulfilling our mission of responding to clients priorities,
conceiving avant-garde building design
and achieving new levels in environmentally
sound sustainable living.



GR+3 PODUIMS+14 Floors Residential & Commercial Tower at AL MAMZAR - DUBAI



GR+3 PODUIMS+14 Floors Residential & Commercial Tower at AL MAMZAR - DUBAI



Hanged Gardens Villas Tower - Architectural competition -IDA AWARD



Hanged Gardens Villas Tower - Architectural competition- IDA AWARD

Residential & Commercial Tower
B.+ Gr.+5P + 50
(Health club+15 Triplex+3MECH+Restaurants+T.roof)
at Plot A38 at AL KHALDIA, ALKHAN, SHARJAH
Submitted for FAM HOLDING LLC
Site area: 4508.4 m2 Total built up area : 77830 m2

main concept?

The main concept is offering lands for sale on tower, triplex height floors!!
These lands are separated by open traditional lanes connecting the units. Clients have the chance to select their own hanged villas design on that lands, as per their own needs with variety of variable areas and heights of the spaces, with gardens and dedicated pools, without corridors or regular attachments disadvantages

The concept responds to the main challenges: -

1- The economic challenge: -
the proposed investment is to construct the main structure by the main developer and offer the villas lands at typical floors for the end user and interested developers to design and construct their own villas and units following the tower main planning conditions and regulations
That's will reduce the initially invested amount to 30% of the regular expected cost.

Further investment cost reduction will be expected from the proposed triplex floor height which will reduce 2/3 of the typical floor slabs

The proposed system for the unit's substructure to be from light structure systems like LGS or AAC which save time and cost plus the light weight benefits on main frame.

The proposed concept will minimize the long-term operation cost by the main investor because it uses natural lighting and ventilation for the common corridors.

2- The structural challenge: -

Simple structure with central concrete core of 15.8 m X 14.6 m to withstand the main seismic and wind load with three horizontal bracing services floors.

The proposed LGS system for the unit's structure will reduce the structure dead load and in result will reduce the main structure requirements.



Hanged Gardens Villas Tower - Architectural competition - IDA AWARD

Hanged villas Tower

3- The lifts challenge; -

Ten high speed lifts proposed in the tower, six of them are dedicated for resident, while two lift move directly to the recreation public open roof floor and one for the firefighting requirements, while the last lift is for the furniture and services transport.

The resident six lift are divided into three sets, each two lifts are dedicated for each group of five triplex floor. Stopping each eleven meters to let the lifts move in their full speed to transport the resident in fast and efficient way

4- Sustainability challenge: -

- The floors are open for natural cross ventilation and natural lighting at eleven-meter height and 3-meter width lanes along the floors with vegetation at each end will reduce the energy consumption.
 - Vegetation used along the lanes with grass interlocking pavement
 - Automatic misting system proposed to cool the lanes in high temperature times using the in house recycled used water of the resident
 - 2/3 of the units are 100% independent de-attached villas, while the other 1/3 of the units are 75% de -attached
 - The 60% reduction in use of reinforced concrete in main structure due to the LGS substructure.
- ### 5- Identity challenge: -
- Traditional design lanes proposed among the villas at typical floors referring to the traditional (HARA) in traditional local architecture.
 - Each block proposed to have special style from the regional architecture.
 - Traditional ornament to be carefully selected to be used in the CNC covering the vertical ribbons on the side elevations and around the podium floors



Hanged Gardens Villas Tower - Architectural competition -IDA AWARD



IDA
DESIGN
AWARDS
HONORABLE
MENTION
2020

PROS & CONS OF LIVING IN RESIDENTIAL UNITS

A1. ADVANTAGES OF LIVING IN VILLA

- 1- DESIGN AS PER YOUR NEED, TASTE AND LIFE STYLE
- 2- OPEN TO LIGHT AND LANDSCAPE
- 3- PRIVACY AND FREEDOM
- 4- EXPANDABLE
- 5- HIDE PLAY AREA
- 6- SOCIAL LIFE

A2. DISADVANTAGES OF LIVING IN VILLA

- 1- FAR FROM SERVICES
- 2- CAN NOT BE IN PRIME LOCATION LIKE TOWERS
- 3- CAN NOT BEAT THE VIEW IN TOWERS
- 4- SERVICES COST

B1. ADVANTAGES OF LIVING IN FLAT

- 1- PRIME LOCATION
- 2- CONTROL
- 3- VIEW
- 4- COST
- 5- AFFORDABLE SERVICES

B2. DISADVANTAGES OF LIVING IN FLAT

- 1- DESIGN NOT AS PER YOUR NEED OR TASTE
- 2- AFFECTED BY THE NEIGHBOR NOISE, SMELL AND DIFFERENT HABITS
- 3- SHARED CORRIDOR CANNOT BE CONTROLLED
- 4- POOR APPROACH TO THE FLAT
- 5- PRIVACY
- 6- FLEXIBILITY
- 7- POOR SOCIAL LIFE FOR FAMILIES



VERTICAL CITY

DESIGN CONCEPT

WHY VILLAS ON A TOWER ?

- 1- HAVING YOUR OWN DESIGN
- 2- OPEN TO LIGHT AND GOOD ENVIRONMENT
- 3- PRIME LOCATION AND VIEW
- 4- PRIVACY AND FREEDOM
- 5- FLEXIBLE AND EXPANDABLE
- 6- CONTROL
- 7- AFFORDABLE SERVICES
- 8- OPEN AND SAFE HIDE PLAY AREA

BUILDING STRATEGY

LIFT SYSTEM



REINVENTING TOWERS BY STOCKING UP VILLAS IN A VERTICAL CITY



TYPICAL FLOOR DESIGN



TRADITIONAL VILLAS ON TOWER

- ARCHITECTURAL STYLE OF VILLA OPTIONS:
1. TRADITIONAL ARABIC INSPIRED VILLAS
 2. MODERN VILLAS



HANGING GARDEN VILLA

DESIGN FOR GREENS TO FLOURISH WITH ALLOTTED OPEN SPACES FOR LANDSCAPING

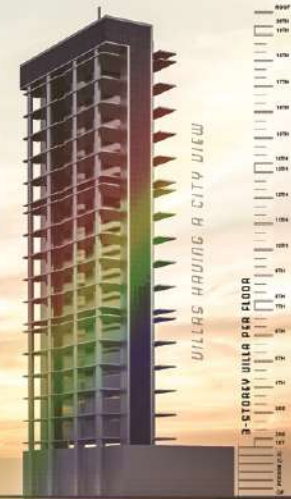


RAINBOW TOWER

BUILDING EQUIPPED WITH MISTING SYSTEM FOR COOLING AND GARDENING WITH A POSSIBILITY OF GENERATING RAINBOW

VILLAS HAVING A LAKE VIEW

VILLAS HAVING A CITY VIEW



CONSULTANT



CLIENT

Pyramid continental Hospitality complex,- Underconstruction

Lusaka - Zambia- Thabo Mbeki road

Height: G+2 Mezz.+ 20

Services Scope: Architectural- Structural - MEP

5 star standard 170 key hotel

2000 person multipurpose hall

two restaurant (alacard and buffet)

coffee shop

Lobby outlets/ gallery shops

open terrace bar & restaurant

Three presidential suit

executive club lounge

Health club

indoor Olympic size pool

outdoor pool

spa and gym

Cazino

Night club



Pyramid continental Hospitality complex,- Underconstruction

Location: Lusaka - Zambia- Thabo Mbeki road

Height: G+2 Mezz. + 20

Services Scope: Architectural-Structural-MEP

5 star standard 170 key hotel

2000 person multipurpose hall

Two restaurant (alacard and buffet)/Coffee shop

Lobby outlets/ gallery shops

Open terrace bar & restaurant

Three presidential suit / Executive club lounge

Health club / Indoor Olympic size pool/

outdoor pool / spa and gym / Cazino/ Night club



PYRAMID CONTINENTAL 4 STAR HOTEL AT SOUTH SUDAN



PYRAMID CONTINENTAL 4 STAR HOTEL AT SOUTH SUDAN

CONTRUCTION WORK AT SITE



CONTENT:

64 Standard Rooms Plus 8 Luxury Suits

Multipurpose Hall, Restaurant, Cafeteria
and Bussiness Cetre At Ground Floor

Staff Accommodation
At Partial mezzanine floor

Gym and Spa At Roof
and Out Door Swimming Pool



Pyramid continental 4 Star Hotel At South Sudan



PYRAMID CONTINENTAL 4 STAR HOTEL AT SOUTH SUDAN



RESIDENTIAL BUILDING (Gr+6+R), ALWARQA1- DUBAI

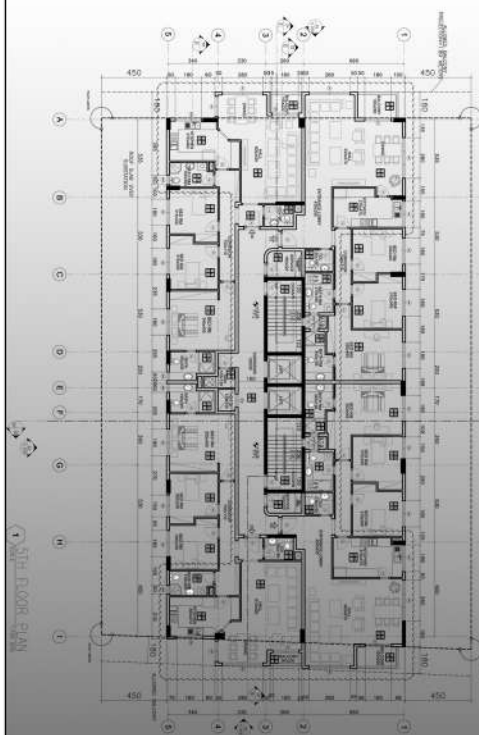
4520M2 RESIDENTIAL BUILDING 20 FLATS 3BEDROOM WITH S.OOL AND GYM AT ROOF

SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP



RESIDENTIAL BUILDING (Gr+6+R), ALWARQA1- DUBAI

4520M2 RESIDENTIAL BUILDING 20 FLATS 3BEDROOM WITH S.OOL AND GYM AT ROOF



SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP

OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ Approval (B.P.)	VALUE
HAMZA HADI AHMED ABDULLA ALHUSSAINI	AL WARQA'A 1ST	421-0462	45,222	Al Rabat Building Contractor	03/08/2014	11,400,000

Gr+POD.+12 FLOORS MIX USE TOWER,DUBAI PROPOSAL



TWO(Gr+POD.+6 FLOORS)RESIDENTIAL BUILDINGS,JVT,DUBAI

FINAL APPROVAL
STAGE



Plot JVT 002	
Two Bedroom flats	27
One Bedroom flats	56
Retail	275 m2
GYM	103 m2
Swimming pool	At podium floor
Parking lots (approx.)	110
Built Up Area	13800 m2
height	Gr.+ Podium +7
Typical floor BUA	1271.6
Typical floor rentable area (without balconies)	1114 m2
Typical floor efficiency (without balconies)	88.3%

FAMILY LAND - ERBIL, IRAQ



FAMILY LAND - ERBIL, IRAQ

Three Residential Towers 2B+G+12
Total Built Up Area
3 x 9,630sq.m = 28,890sq.m

For Each Tower There are
2Basement Car Parking
Ground Floor (deferent use for 3Towers)
5typical floors for(3bed room flats)
of 170sq.m. in each floor
4typical floors for(2bed room flatd)
of 140sq.m. in each floor
3typical floors for(2bed room Flats)
of 104sq.m. in each floor



PERSPECTIVE VIEW

There are Three Identical Residential Towers with Deferent basement and ground floor for the first tower to be Shopping Center Second Tower basement floor to be Designed for Swimming pool.GYM ans Spa While the Third Tower Ground Floor to be Designed for Management Guard Rooms And Laundry.

typical floors 1st TO 5th



typical floors 6st TO 9th



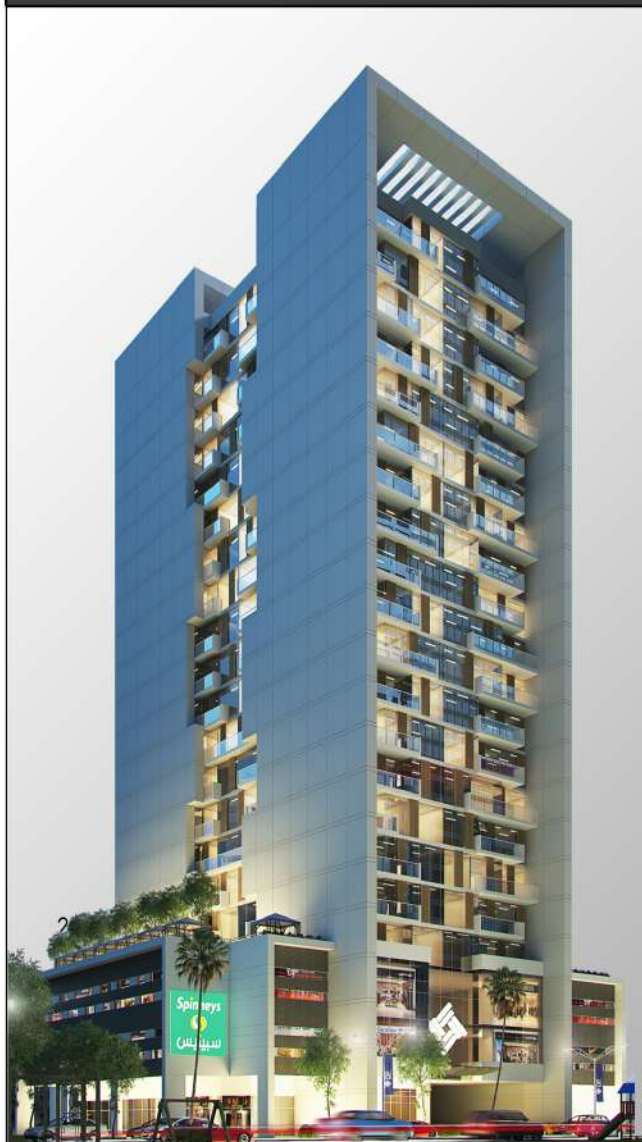
typical floors 10st TO 12th



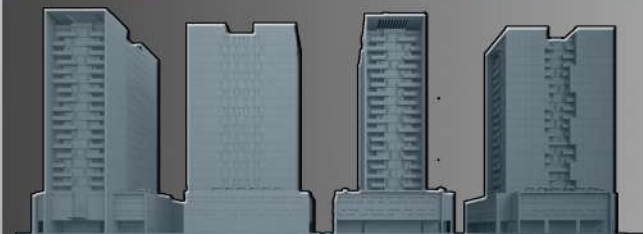
Services:
Architectural
Structural
Mep Infrastrucre And
Landscape Package

NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ Approval (B.P.)	VALUE
3	Twin Tower Residential	2B+G+12+1R	Family land co.	Family land Village Erbil-str. mesif Slahedin	Family land 3	311000	AAE contracting DEN MEP contr.	1-1-2011 Comp. (5-2014)	\$ 26,800,000

Gr+3POD+MECH.+17 FLOORS MIX USE TOWER,DUBAI



PERSPECTIVE VIEW



OPTION 02 RESIDENTIAL TOWER WITH PARKING AT PODIUM
GR.+3 PODIUM+MECHANICAL+17 TYPICAL FLOORS+ROOF

PLOT AREA=3,130m²

Gr+POD.+9 FLOORS MIX USE TOWER,DUBAI

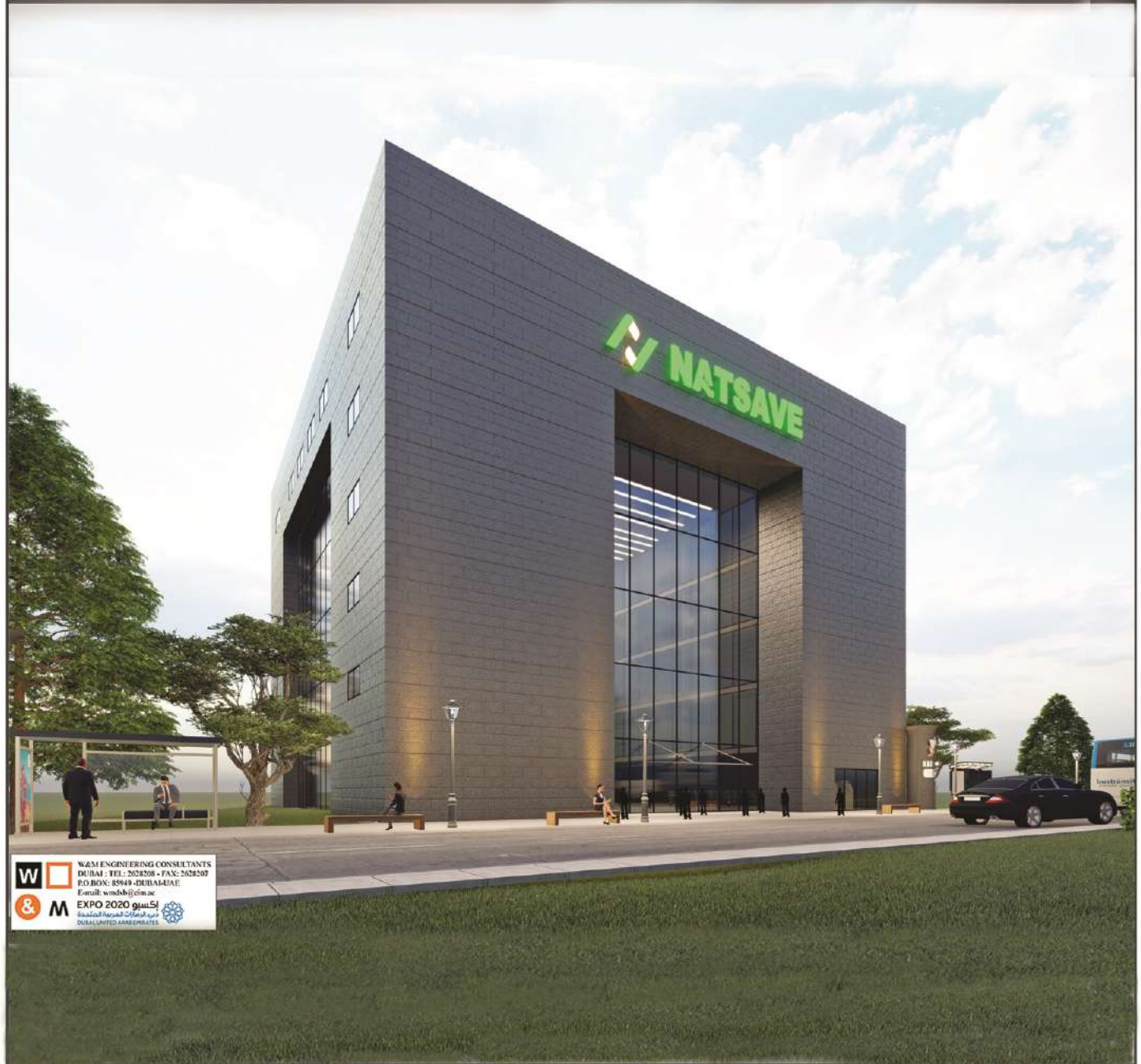


RESIDENTIAL BUILDING B+G+7+ROOF AT WADI AL SAFA-3

Total 63 Flats
1 Bed Room Unit 21 Nos.
2 Bed Room Unit 42 Nos
73 Parkings



BANK



PROPOSED MALL with GR+20 floors 5 star hotel and furnished flats at ADIS ABABA -



LEGEND:

WAREHOUSE	Area=6,000 m2
DEPARTMENT STORE	Area=8,000 m2
WHOLESALE	Area=4,000 m2
RETAILS/BANKS	Area=7,150 m2
COLD STORAGE	Area=2,000 m2
DRY STORAGE	Area=2,000 m2
FOOD COURT	Area=3,000 m2
CINEMA	Area=2,400 m2
STAFF ACCOMM.	Area=1,200 m2
20 FURNISHED FLATS	Area=35,650 m2



CITY VIEW
GRAND SWIMMING POOL



SHOPPING VILLAGE
FACADE INSPIRATIONS



SITE PLAN

CITY VIEW
STAFF ACCOMMODATION



PROPOSED MALL with GR+20 floors 5 star hotel and furnished flats at ADIS ABABA -



G+2 SHOPPING MALL, G+20 OFFICE TOWER & G+16 RESIDENTIAL TOWER



G+2 Shopping Mall, G+20 Office building
& G+16 Residential Building
Location : Addis Ababa, Ethiopia



G+2 SHOPPING MALL, G+20 OFFICE TOWER & G+16 RESIDENTIAL TOWER

G+2 Shopping Mall, G+20 Office building
& G+16 Residential Building
Location : Addis Ababa, Ethiopia



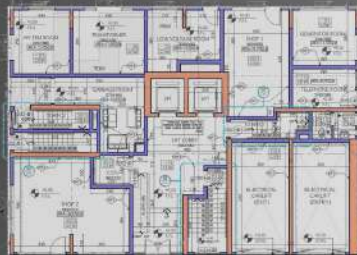
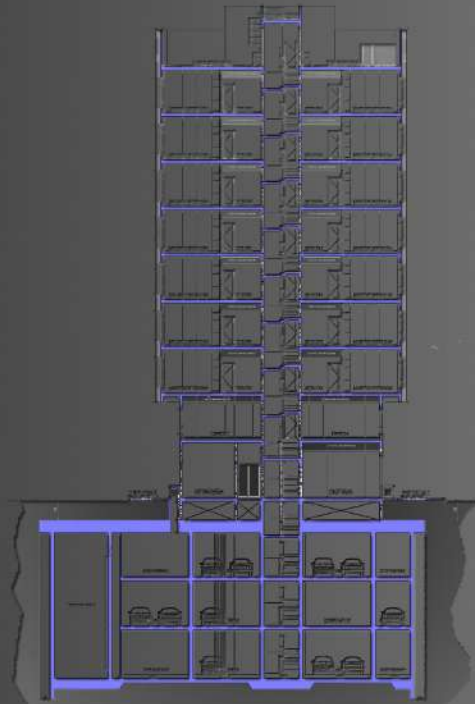
(Gr+M+7+R)MIX-USE BUILDING,M.B.Z.CITY,ABUDHABI



NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ Approval (B.P.)	VALUE
2	BUILDING RES/COM	G+MEZ+7+1R	ALI AQEEL ABUBAKER	ABUDHABI/ Mohd Bin Zaid City	West 12 Plot-C196	41,474	INVESTER GENERAL CONT.	17-3-2009	AED 19,265,000

(3B+Gr+M+7+R)MIX-USE BUILDING,KHALIFA CITY,ABUDHABI

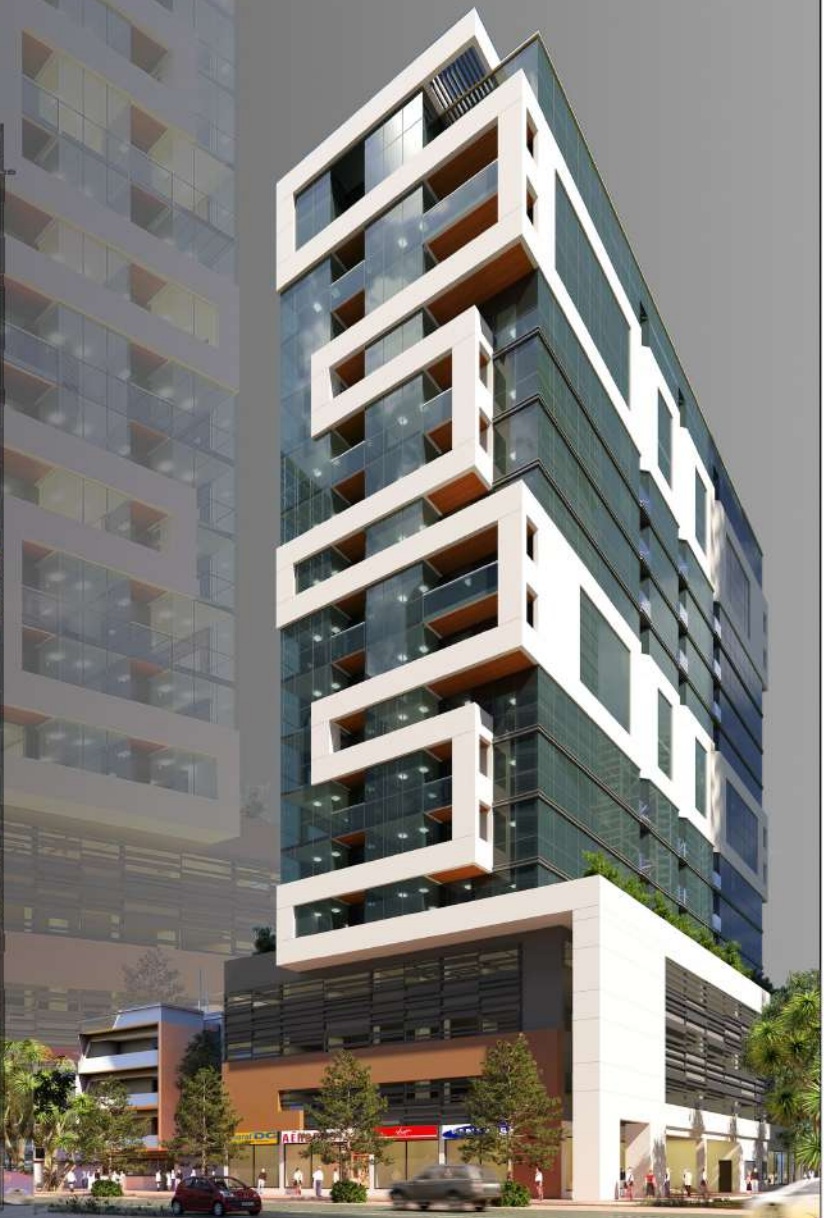
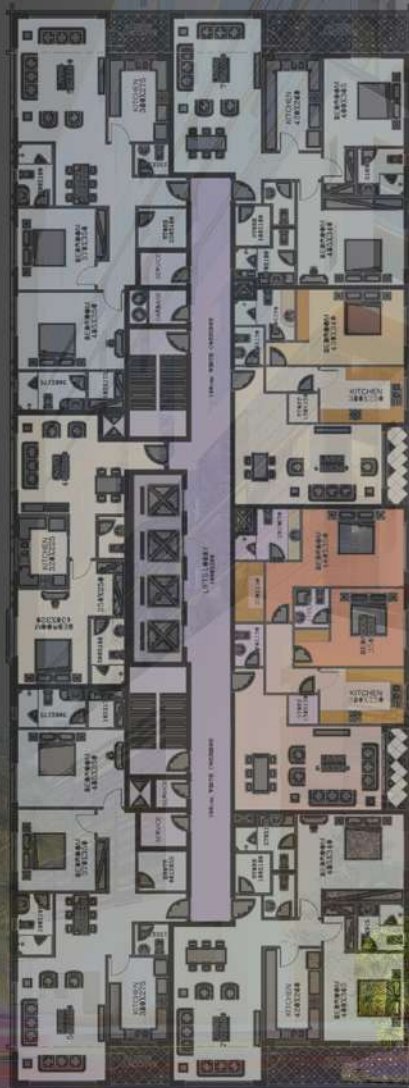
UNDER CONSTRUCTION



NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ Approval Completion	VALUE
5	BUILDING RES/COM	3B+G+MEZ+7+1R	ALI AQEEL ABUBAKER	ABUDHABI/ Mohd Bin Zaid City	ME12 Plot-C208	54,528	INVESTER GENERAL CONT.	18-8-2015 APPR.	EST.AED 16,350,000

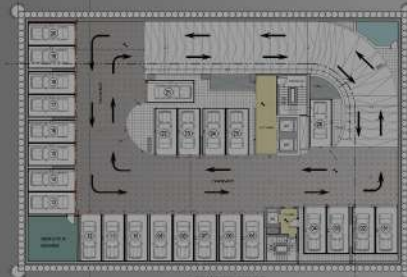
(Gr+3P+13+R)MIX USE TOWER,DUBAI

DESIGN STAGE



(3B+Gr+M+5+R)MIX-USE BUILDING,KHALIFA CITY,ABUDHABI

UNDER CONSTRUCTION



ONE BEDROOM FLAT AREA = 814 SFT.
TWO BEDROOM FLAT AREA = 1110 SFT.



**ENGINEERING
CONSULTANCY**
W & M
P.O. BOX 11111, KHALIFA CITY,
ABU DHABI, U.A.E.

3B+GR+M+5 BUILDING
AT KHALIFA CITY for Mr.
TARIQ AL HASHMI

SHOPS = NO 3 ONE BEDRM = NO 20
OFFICE = NO 8 TWO BEDRM = NO 20
TOTAL BUILT UP AREA= 115000 F²

THIS DRAWINGS ARE COPY WRIGHT FOR
W&M engineering
ANY USE OF THIS DRAWINGS WITHOUT
WRITTEN PERMISSION OF THE CONSULTANT
IS PROHABITED

MIX USE BUILDING (G+1),DUBAI, AUTH. APPROVAL STAGE



PROJECT TITLE: PROPOSED B+G+S+ROOF RESIDENTIAL BUILDING
LOCATION: PLOT NO. IC3-H-23 INTERNATIONAL CITY PHASE 3

NO OBJECTION CERTIFICATE Concept Design

Ref.	TKS/CCDR-06794/IC3-H-23/2015		
Issue Date	28-Sep-2015	Expiry Date	28-Mar-2018
Applicant Information			
Trakhees ID	P-D-088173		
Client Name	KHALIL MAJHER FARAJ AL KUBAISI		
Trakhees ID	C-0810-038793		
Consultant Name	W.B.M. ENGINEERING CONSULTANCY		
Trakhees ID			
Contractor Name			
Project Information			
Developer	Nakheel		
Project Location	International City 2 & 3	DM Community Name	WILSON FOURTH - G24
Plot No.	IC3-H-23	Plot Area (m ²)	2394.91 SQ. M
Built-up Area (m ²)	8134.10 SQ. M		
Trakhees Project ID	P15403		
Project Description	Residential Building (G+H+S+R)		
Subject	Concept Design Approval		
General Conditions			

* Design concept approval is limited only to conceptual stage and no construction activities



NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ Approval (B.P.)	VALUE
2	RESIDENTIAL BUILDING	G+Podium+5+R	KHALIK AL KUBAISI	INTERNATIONAL CITY3 -DUBAI- NAKHEEL	IC3-H-23	87,111	Not Assigned yet	Not yet	Est. AED 26,000,000

MIX USE BUILDING (G+1),DUBAI, AUTH. APPROVAL STAGE



DUBAI, AL AWEER, PLOT -2713162
MOSQUE FLOOR AREA=1,051 FT2
NUMBER OF SHOPS= 37
1 BED ROOM FLATS = 18 NUMBERS
2 BED ROOM FLATS = 9 NUMBERS
TOTAL NUMBER OF FLATS = 27 NUM.
TOTAL BUILT UP AREA = 56,846 ft2



MIX USE BUILDING (G+1), DUBAI, AUTH. APPROVAL STAGE

DUBAI, AL AWEER, PLOT -2713162

MOSQUE FLOOR AREA=1,051 FT²

NUMBER OF SHOPS= 37

1 BED ROOM FLATS = 18 NUMBERS

2 BED ROOM FLATS = 9 NUMBERS

TOTAL NUMBER OF FLATS = 27 NUM.

TOTAL BUILT UP AREA = 56,846 ft²



HOUSING COMPLEX - NAINAWA, NAJAF, KARBALA-IRAQ



HOUSING COMPLEX - NAINAWA, NAJAF, KARBALA - IRAQ

RESIDENTIAL DEVELOPMENT for LOW-RISE HOUSING COMPLEX IN IRAQ BASIC CONCEPT OF DESIGN

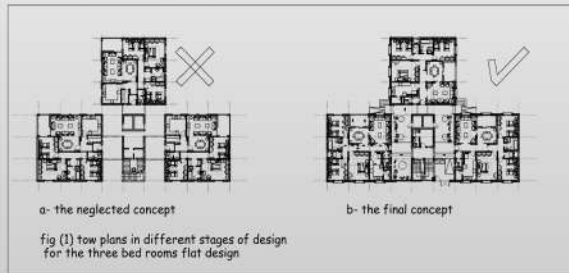
Firstly: At the level of the residential flat

Following are the concepts taken into account on designing the residential flat:

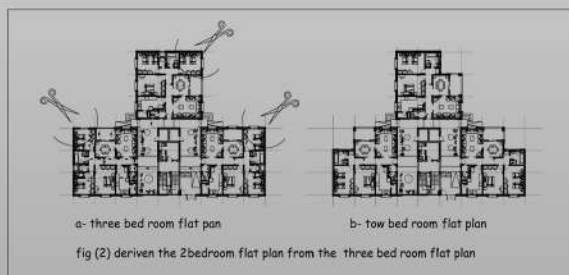
- 1- The way the Iraqi family uses the house and the specialty of relationship with visitors, as it is necessary to separate between strangers and family members without restricting their movement.
- 2- Separation between daily activities and bedrooms.
- 3- Smooth utilization of spaces without crossing among them.

Designal responses

- a- The living room (which is mostly used in receiving guests) has been located near the entrance, overlooking the garden and linked to the balcony and the dining room. All bedrooms were gathered at the end of the corridor with the bathroom.
- b- The residential unit was given a completely square shape consisting of three horizontal equal grids, and three other vertical grids. This choice created much flexibility in the distribution of spaces, which gave several possibilities for the planning of the flat. We have chosen the most appropriate possibility (Figures -1-).



- c- The flat is made open to the outer space from three sides, one of them is the entrance side.
- d- To form the smaller flat that consists of two bedrooms, we omitted one grid unit from the backside corner which overlooks the garden in order to increase the buildings' containment of the garden at one hand, and to keep the continuity of the front elevation overlooking the road (Figure -2-) at the other one.



Secondly: At the level of the residential unit

Following are the concepts taken into account on designing the residential unit:

- 1- The Iraqi family is very conservative and got a high specialty.
- 2- The Iraqi family is not used to live in the residential flat system, which is often considered as a provisional solution.
- 3- Most wives are housewives who often like to meet and chat in front of their houses while their husbands are at work outside of the house, and pre-school age children play with each other near them.

Designal responses

- a- The entry area is made open to sky and surrounded by special gardens within the building's fence. This area is supposed to be for young children to play in, as it is surrounded by a fence with doors to prevent them from going far from the building.
- b- Residential flats in the floors have been completely separated from each other. This will allow entry to each flat through a special 180 cm-wide bridge with two steps at its start in order to increase the specialty of the entrance of each flat and prevent the entrance's users from approaching the entrances of other flats at one hand, and to prevent sounds from moving between neighbouring flats at the other one. Moreover, this separation achieved good ventilation through the building to the area of entrances, and created a suitable uncovered central meeting point.
- c- The watchman's room is located in the middle of the building overlooking the staircase entrance, and not overlooking the entrances of flats.
- d- We used a certain garbage system. It is a tunnel to throw garbage in, located between the staircase's two flanges and leading to a closed chamber special for garbage under the staircase. In this chamber, containers are placed to receive the garbage before they are replaced and taken out by the watchman to a special place between car parks for daily unloading by garbage trucks (Figure-3-).
- a- The entrance of each building is open directly to the street. Entrance to the building takes place through the garden's door in a fence to reach the staircases directly.
- b- The entry area in each building is open to backside gardens linked to main walkways special for families' gathering and adults' playing (Figure -3-).
- c- Each two side-by-side residential units constitute a garden surrounded from three sides, and this garden constitutes a rectangular garden being opposite to the garden of the face-to-face

two units, and they are crossed by the main walkway that leads to the middle garden of the complex, schools and public activities.



HOUSING COMPLEX - NAINAWA, NAJAF, KARBALA-IRAQ

RESIDENTIAL DEVELOPMENT for LOW-RISE HOUSING COMPLEX IN IRAQ BASIC CONCEPT OF DESIGN

Thirdly: At the level of urban design

Following are the concepts taken into account at the level of urban design:

- 1- Separation between pedestrians' movement and cars' movement.
- 2- Preventing pedestrians from walking beside the windows of flats.
- 3- Creating an appropriate distance between the face-to-face windows of flats.
- 4- Unification of the architectural style of the complex, and linking it to the culture and heritage of the area.
- 5- Creating a seriate graduation of the used urban spaces from the more specialized to the general space.

Designal responses

a- Two separate systems for movement were created in the complex. One system is for the cars where the elevations overlooking it are continued and equal to form the exterior shape of the complex, and the other one which is for pedestrians is open to the backside gardens of the buildings and the elevations overlooking it are more diversified. The buildings advance and retreat in order to create spaces for the gardens. Windows and balconies are located in retreating areas so as to overlook the gardens, while solid walls are located in the areas which are adjacent to each other. These walkways gather to take to the centre of the complex where there are playing grounds, schools and other public activities.

b- Flats are gathered around a middle-position garden for children's playing surrounding the staircases, and special for the dwellers of each building. These flats open also on a backside garden that is formed by the each two side-by-side buildings, and by its relationship with the garden of the two buildings which is opposite to it, and which is special for the gathering of families and the playing of pre-school age children. All these gardens were made in a way that forms the walkway of pedestrians which leads to the gardens and public playing grounds of the dwellers of the district.

c- The Abbasid architectural style of the holy sepulchers and religious schools of the region has been chosen to be the unified style of the whole complex. The purpose of this is to preserve the architectural pattern of the area at one hand, and to make the dwellers of the complex more familiar with it at the other one, observing in the meantime the required diversification according to the nature of the function of each building (Figure -4-5-).

d- The complex is open towards inside and closed towards outside, without overlooking its future relationship with neighbouring units.

e- The relationship between the elevations of public buildings at one hand, and their relationship with the open recreation area located in the centre of the complex at the other one has been studied.

f- The system of parking at both sides of the internal road has been selected for the following reasons:

- 1- It is easier to use, and nearer to users.
- 2- It does not create cutting in the urban context and the surrounding green areas.
- 3- It minimizes the asphalted surfaces which reflect heat during summer.
- 4- This type of parking does not encourage using it as grounds for children's playing, as in the case of other types.

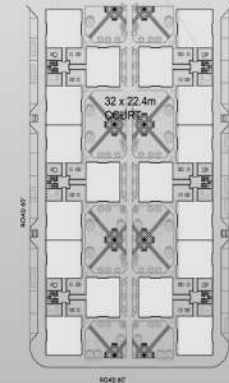
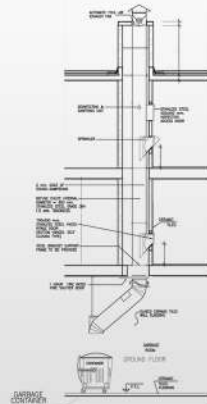


fig (3) a- GASECTION IN RBAGE SHOOT
b- SIX FLATS BUILDING TYPE 2
IN ONE BLOCK



FRONT ELEVATION



MAIN ELEVATION



MAIN ENTRANCE VIEW



GROUND FLOOR PLAN

HOUSING COMPLEX - NAINAWA, NAJAF, KARBALA-IRAQ

MINISTRY OF HOUSING & CONSTRUCTION - IRAQ

PROJECT COMPONENTS

- 1- 24 RESIDENTIAL LOW RISE BUILDINGS WITH 216 TOW BEDROOMS FLATS
- 2- 32 RESIDENTIAL LOW RISE BUILDINGS WITH 288 THREE BEDROOMS FLATS
- 3- MOSQUE
- 4- 15 CLASS ELEMENTARY SCHOOL
- 5- TOW 12 CLASS SECONDARY SCHOOL FOR GIRLS AND BOYS
- 6- MEDICAL CENTER
- 7- ADMINISTRATION OFFICE
- 8- SHOPS
- 9- TOW GAURD ROOMS

SERVICES:
ARCHITECTURAL
STRUCTURAL AND MEP



AL HADBA COMPLEX AT NAINAWA UNDER CONSTRUCTION



fig (4) continuous elevation for the complex roads elevation showing the playfully rhythm which find its roots in ABBASIAN traditional architecture in IRAQ

(Gr+6)RESIDENTIAL COMPLEX,BAGHDAD DESIGN STAGE



(Gr+6)RESIDENTIAL COMPLEX,BAGHDAD DESIGN STAGE



MIDDLE UNIT GROUND FLOOR PLAN
BUILT-UP AREA= 8,334 SQUARE FEET

OWNER NAME: ISMAEL HAMAD SORAW

CONSULTANT:



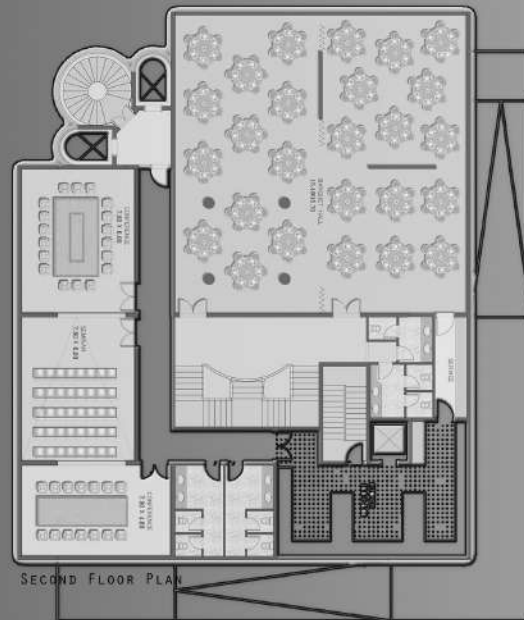
2B+G+15 FLOORS HOTEL AT ANGOLA, LUANDA



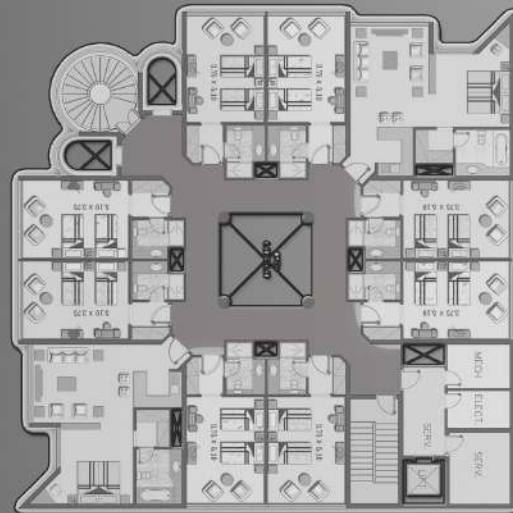
PERSPECTIVE VIEW

2B+G+15
100 Bed Rooms
80 Standard Room And
20 Luxurius Suites
Total 9,450 Sq.m Built Up Area

Services:
Architectural
Structural
Mep



SECOND FLOOR PLAN



TYPICAL FLOOR PLAN (3RD TO 7TH)

(Gr+6)RESIDENTIAL COMPLEX,BAGHDAD

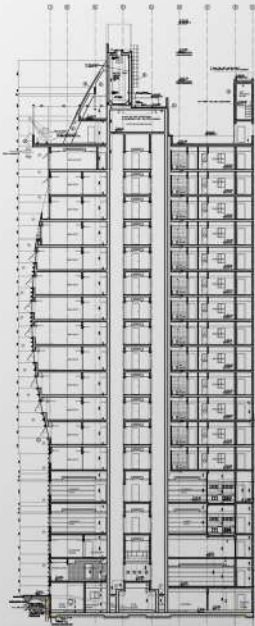
PROPOSAL



AL FAISAL 4 SDTAR HOTEL - KHARTOOM ,SUDAN

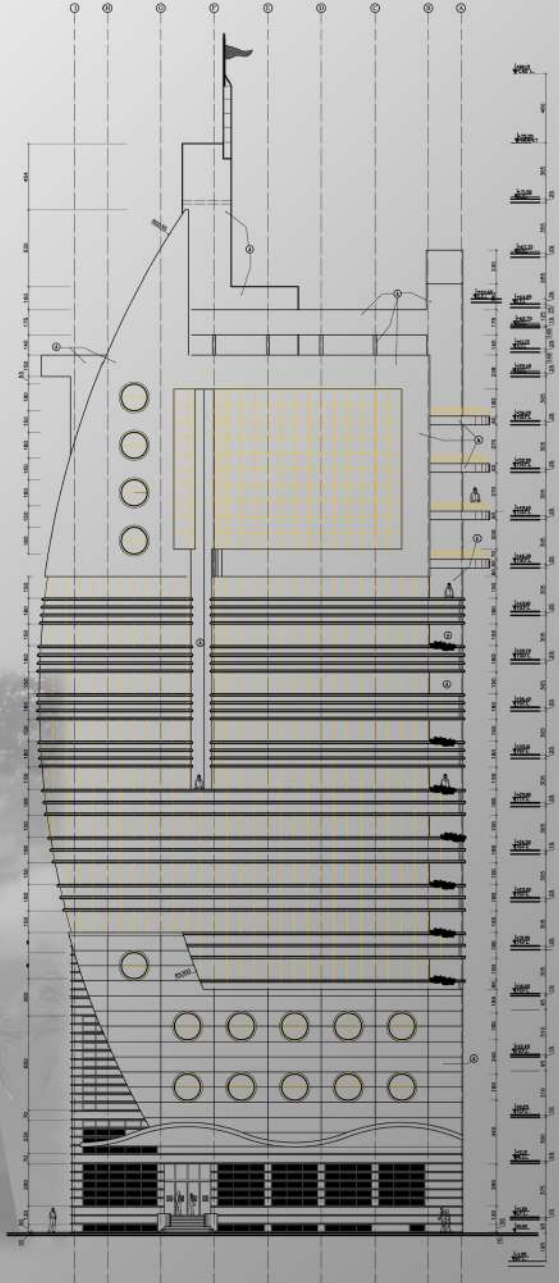


PERSPECTIVE VIEW



SECTION A-A

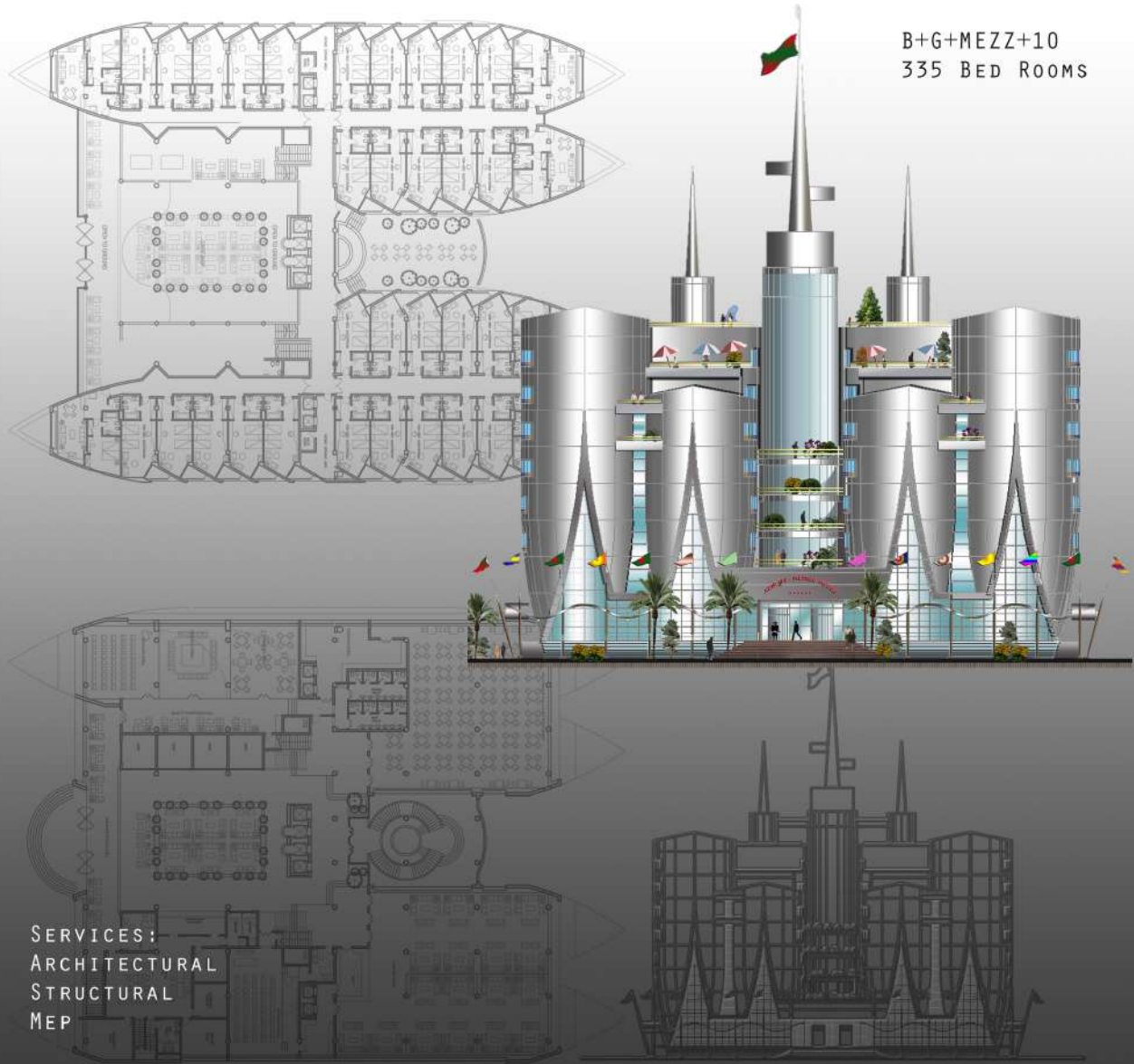
SCALE 1:100



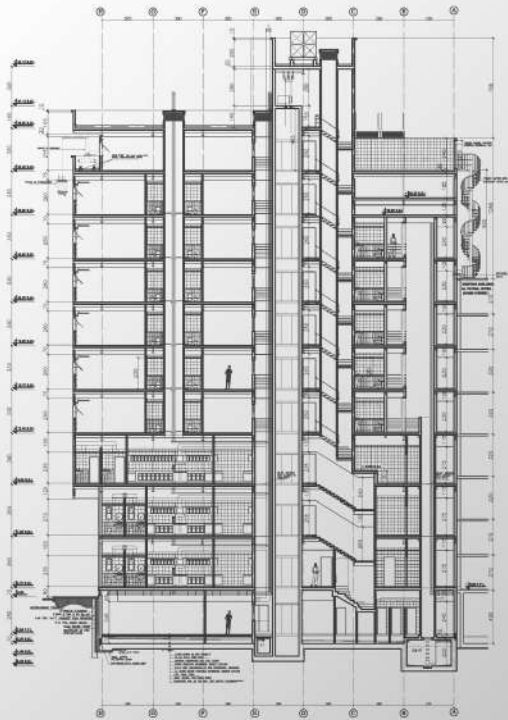
B+G+Mezz+18
208 Bed Rooms

Services:
Architectural
Structural
Mep
Infrastrucre And Landscape Package

AL FAISAL GRAND 5 STAR HOTEL - KHARTOOM, SUDAN

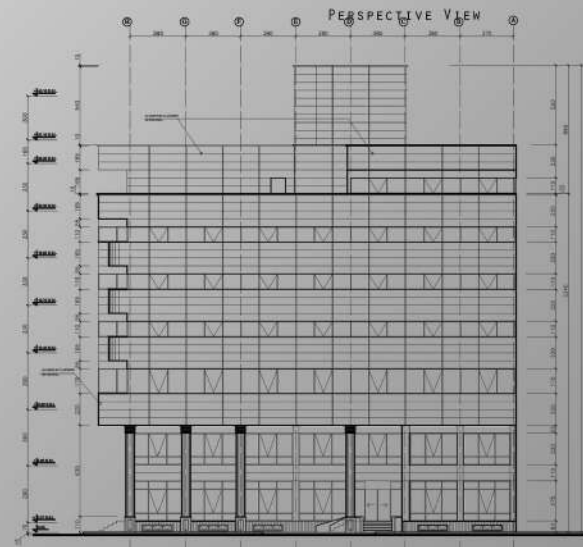


AL FAISAL-II 4 STAR HOTEL - KHARTOOM ,SUDAN



B+G+Mezz+18
208 BED ROOMS

SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP
INFRASTRUCRE AND LANDSCAPE PACKAGE



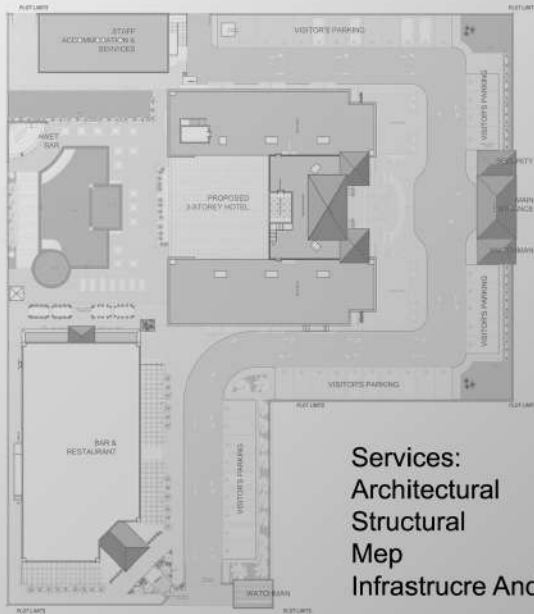
SOYO 4 STAR HOTEL - SOYO, ANGOLA

G+4 FOUR STAR HOTEL
80 Bed Rooms

Multipurpose Hall And Restaurant
At Ground Floor

Service And Staff Accommodation
At Ground & First floor

Out Door Swimming Pool Gate And
Security Rooms



Services:
Architectural
Structural
Mep
Infrastrucre And Landscape Package

(Gr+1) OFFICE BUILDING, BASRAH ,IRAQ

PROPOSAL

CONTRACTOR: MIYAH- AL JAZEERA



EXTERNAL MATERIAL KEY

1. ASHLAR WALLING-BLK602
2. PRECAST CONCRETE FINS EWF-401
3. DOUBLE GLAZING/CURTAIN WALLING WITH ANODISED ALUMINUM FRAMES-EWG-102
4. STANDING SEAM COPPER-EWM-282
5. TERRA COTTA SHADING ELEMENTS-LVR-421
6. STAINLESS STEEL HAND RAIL AND STEEL BALUSTRADE-BAL-601
7. COPPER EXTRUDED MESH PANELS-LVR-411
8. TERRA COTTA CLADDING
9. COPPER CLAD DOUBLE GLAZED ROOF LIGHTS-EWM-282
10. FAIRFACED INSITU CONCRETE COLUMNS
11. FAIRFACED INSITU CONCRETE
12. ANODISED ALUMINUM SHADING ELEMENTS-LVRL403
13. METAL FACED DOORS-DRM-191
14. COPPER SHADING ELEMENTS
15. RENDER-REN101
16. KALWALL-EWG 621
17. PRECAST CONCRETE/STEEL COLUMNS-EWF 401
18. STEEL RIBS
19. TENSILE FABRIC ROOF STRUCTURE-CAN-401X



(Gr+1) OFFICE BUILDING, BASRAH , IRAQ



HOTEL JUBA1 - JUBA, SUDAN

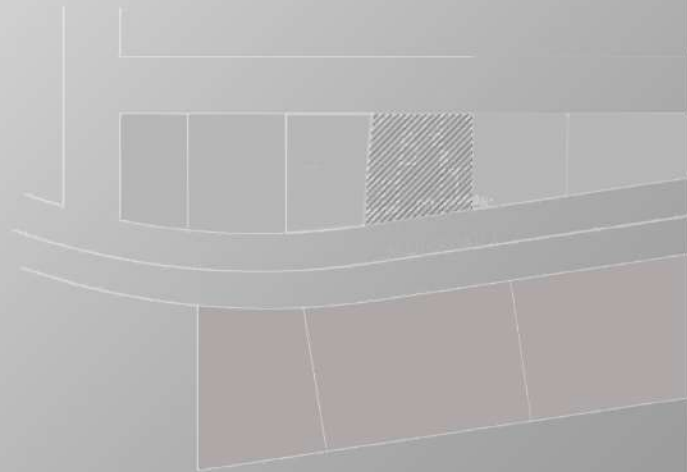
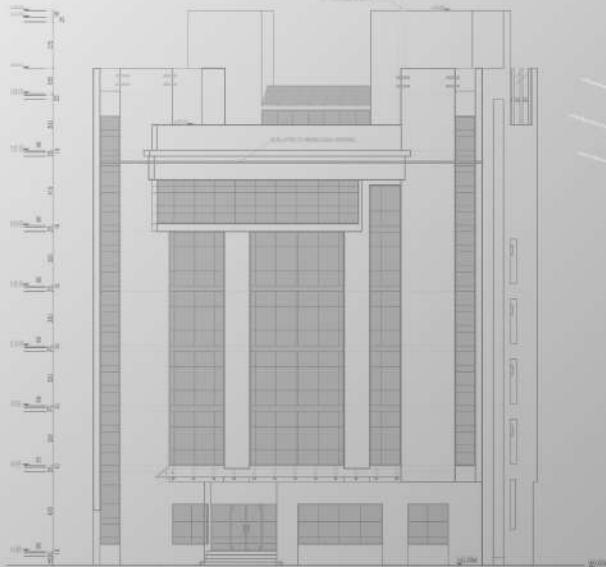
G+5+R

TOTAL BUILT UP AREA=3,855SQ.M

48 BED ROOMS

BANQUET, RESTAURANTS, COFFEE SHOP

AND STAFF ACCOMMODATION
AT FIFTH FLOOR

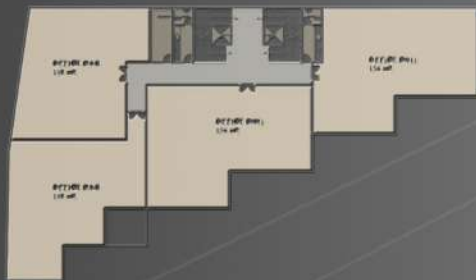


SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP

INFRASTRUCTURE AND LANDSCAPE PACKAGE

ERIAN-CO MAIN OFFICE (B+Gr+4), JUBA, R.O.S. SUDAN

PROPOSALS



JUBA MOTEL - JUBA, SUDAN

GROUND ONLY
80 BED ROOMS

SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP INFRASTRUCTURE AND
LANDSCAPE PACKAGE



THE MOTEL IS COMPOSED OF AN ADMINISTRATION BUILDING
AND 40 UNITS OF SINGLE DETACHED MOTELS



SOYO MOTEL - SOYO, ANGOLA

Ground Only Motel Project

13units X 4 BR = 52 Bed Rooms

Bed Rooms Built Up Area= $13 \times 140 \text{ M}^2 = 1820 \text{ M}^2$

Administration Unit built Up Area= 743 M^2

Total Built Up Area = 2563 M^2

Out Door Swimming Pool



Services:
Architctural
Structural
Mep
Infrastrucre And Landscape Package

SHELL SENIOR STAFF COMPLEX - AL BASRAH, IRAQ

400 ROOM SENIOR STAFF ACCOMMODATION WITH MULTIPURPOSE SERVICE BUILDING



Services:
Planning
Architectural
Structural
Mep



BASIC CONCEPT OF DESIGN

AT THE LEVEL OF THE RESIDENTIAL UNIT, WE SELECT TO USE SIMPLE SMALL GENERATING UNIT (GROUND PLUS ONE FLOOR) OF FOUR BEDROOMS, THAT MAKE THE UNIT EASY TO BE MANUFACTURED, SHIPPED AND ALLOCATE. EACH UNIT HAS AN ORIENTED DESIGN WITH TWO ENTRANCES, THE FRONT ZONE DESIGNED FOR MAIN ORIENTATION TO INCLUDE THE GARDENS AND MAIN VIEW, WHILE THE BACK ZONE DESIGNED TO INCLUDE THE CARE PARKING. THE BATHROOMS AND THE DRESSING AREA LOCATED AT BACK SIDE TO PROVIDE ACOUSTIC INSULATION



SHELL SENIOR STAFF COMPLEX – AL BASRAH, IRAQ

At the level of urban design

- 1- Acoustic and physical separation between pedestrians' movement and cars' movement.
- 2- Creating a seriate graduation of the used urban spaces from the more specialized to the general space
- 3- Creating an appropriate distance between the face-to-face windows of Units.
- 4- Preventing pedestrians from walking beside the windows of Units.
- 5- Unification of the architectural style of the complex.



Designer responses

Two separate systems for movement were created in the complex (Figures -4). One system is for the cars where the elevations overlooking it including the bathrooms and dressing areas, and the other one which is for pedestrians is open view to the backside gardens of the units and the elevations overlooking it are more diversified. The units advance and retreat in order to create spaces for the gardens. Windows are located in retreating areas so as to overlook the gardens, while solid walls are located in the areas which are adjacent to each other. These walkways loop gather to take to the centre of the complex where there are the public activities.



SERVICES:
PLANNING
ARCHITECTURAL
STRUCTURAL
MEP



LEWAA DATE FESTIVAL CENTER(Gr+1), LEWA,ABUDHABI

PROPOSALS

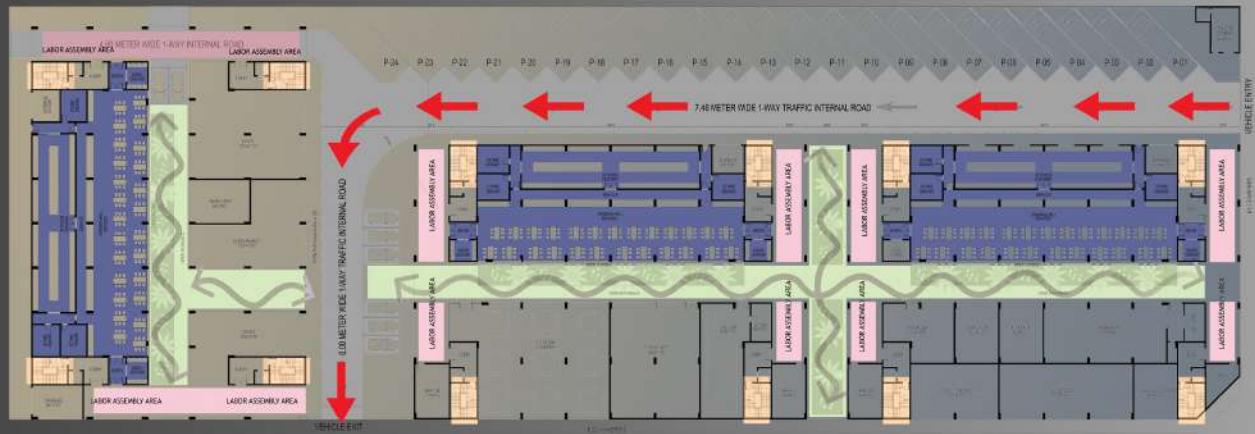


W & M engineering consultants
مهندسون استشاريون



(Gr+2) LABOR ACCOMODATION,DUBAI

COMPETITION



PLOT AREA:119,200 M2

LOCATION:
MUHAISHAH SECOND

PROJECT TITLE:
PROPOSED G+2+2
LABOR ACCOMMO-
DATION



CASH AND CARRY MALL, LUANDA- ANGOLA

4572M2 MALL WITH OPEN FOOD COART, STORES AND SHOWROOMS



SERVICES:
PLANNING
ARCHITECTURAL
STRUCTURAL
MEP



CASH AND CARRY MALL, LUANDA- ANGOLA

4572M2 MALL WITH OPEN FOOD COART, STORES AND SHOWROOMS



REQUERIMENTO	R.O.T. 2014
LOCALIZAÇÃO	CACUACO
CRONOGRAMA DE LOCALIZAÇÃO	CASA DA JUVENTUDE
Folha n.º	01

SERVICES:
PLANNING
ARCHITECTURAL
STRUCTURAL
MEP

GROUND FLOOR BUILT-UP AREA=
1.737 SQ.M. / 18.687 SQ.FT.

CLIENT: ERIRANGO GENERAL TRADING
PROJECT: PROPOSED SUPERMARKET, SHOWROOM AND SERVICE CENTER
LOCATION: CACUACO, ANGOLA



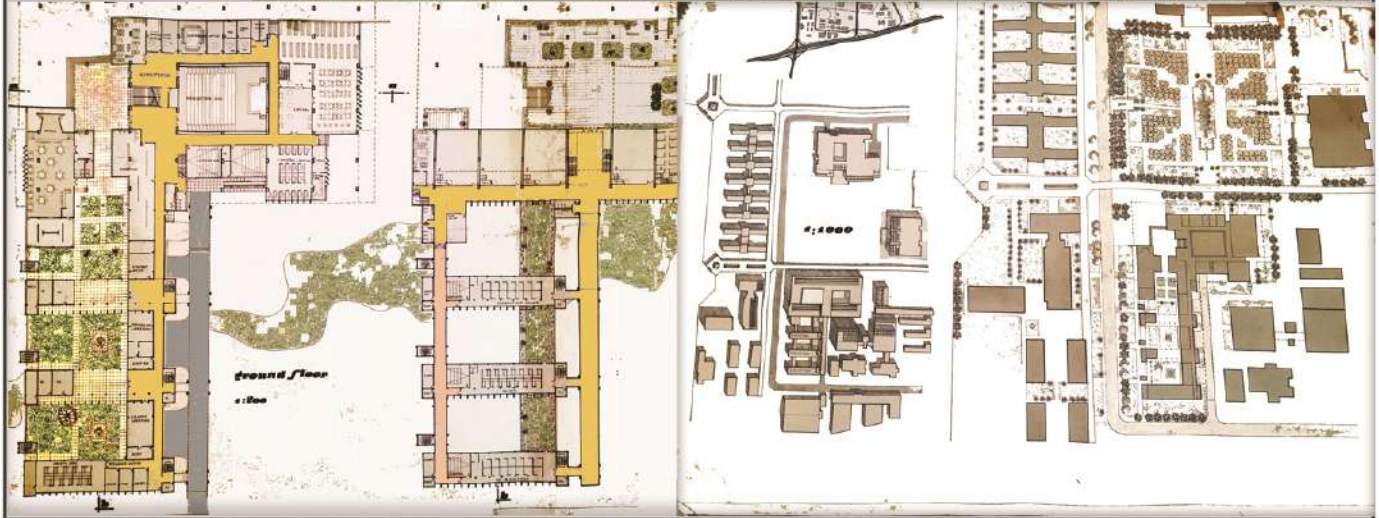
GROUND FLOOR PLAN
SCALE: N.T.S.
TOTAL BUILT-UP AREA: 4,572 SQ.M.

AREA CALCULATION:
SUPERMARKET + FOOD + PETROLEUMS + COMMON AREAS = 3,020 SQ.M.
OFFICES AREA: 84.00 SQ.M.
FASTFOOD AREA: 137.7 SQ.M.
SHOWROOMS AREA: 1,272.88 SQ.M.

ANGOLA MALL AT KAMAMA, ANGOLA



COLLEGE



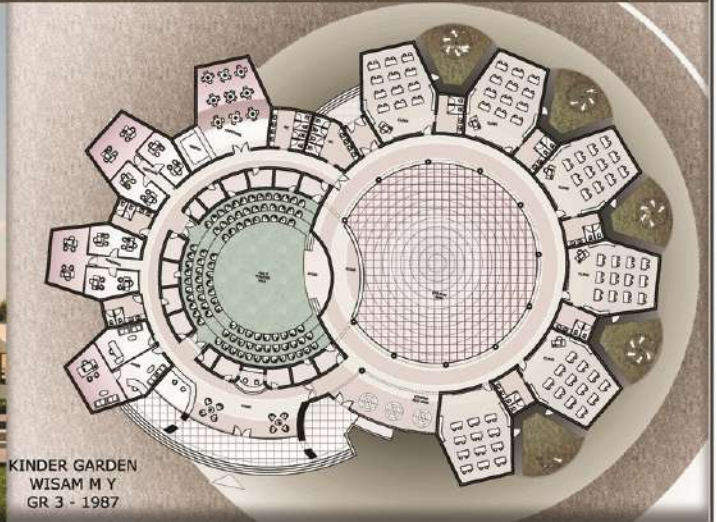
COLLEGE



KINDERGARTEN SCHOOL



KINDERGARTEN SCHOOL



ZAINAB CLINIC, JUMAIRAH DUBAI-U A E

GROUND ONLY CLINIC

TOTAL BUILT UP AREA= 1965 SQ.M

LOCATED IN JUMAIRAH FIRST

FECILITIES:

EMBRYOLOGY LABORATORY,
OPERATION THEATRE, RECOVERY
ROOMS, IVF AND FREEZING STORE,
ULTRA SOUND ROOM, CONSULTING
ROOM, SERVICES ROOMS

SERVICES:

ARCHITECTURAL
STRUCTURAL AND MEP



W **O**
G **M**
EXPO 2020 دبی
www.expo2020dubai.ae



TYPICAL 1ST AND 2ND FLOOR PLAN

(Gr+1)FACTORY AND OFFICE BUILDING,JEBEL ALI ,DUBAI



NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (Sq.ft)	CONTRACTOR	Start/ completion (B.P.)	VALUE
10	Warehouse and office	G+1	ALTUNKAYA FOZCO	JEBEL ALI FREE ZONE	S10901	38126	AL HIKMA contracting	16-10-2006 25-08-2008	AED 3,142,000

64(Gr+1)TOWNHOUSES,ALFURJAN,DUBAI – TENDER STAGE



PROJECT: AL FURJAN TOWNHOUSES

CONSULTANT

DEVELOPER



64(Gr+1)TOWNHOUSES,ALFURJAN,DUBAI

TENDER STAGE

DEVELOPER



CONSULTANT

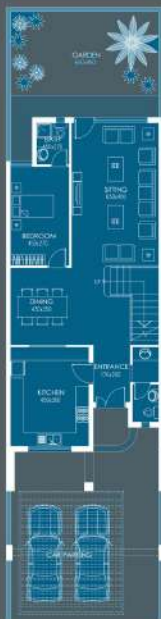
WM ENGINEERING



PLOT NUMBER	PROJECT	PLOT AREA (SQM)	HEIGHT	MAX FLOOR COVERAGE	F.A.R	NUMBER OF UNIT	SUBSIDY AREA (SQM)	STANDARD COST (CONCRETE AND ROOFING)
APWATH050	TOWNHOUSE	1577.80	GR+1/9.6M	70%	1	8	1,858	7,030,000
APWATH050	TOWNHOUSE	1577.80	GR+1/9.6M	70%	1	8	1,858	7,030,000
APWATH050	TOWNHOUSE	1577.80	GR+1/9.6M	70%	1	8	1,858	7,030,000
APWATH050	TOWNHOUSE	1577.80	GR+1/9.6M	70%	1	8	1,858	7,030,000



TYPICAL PLANS (TOWNHOUSE UNIT)



GROUND FLOOR PLAN



FIRST FLOOR PLAN

PROJECT NAME: AL FURJAN TOWNHOUSE



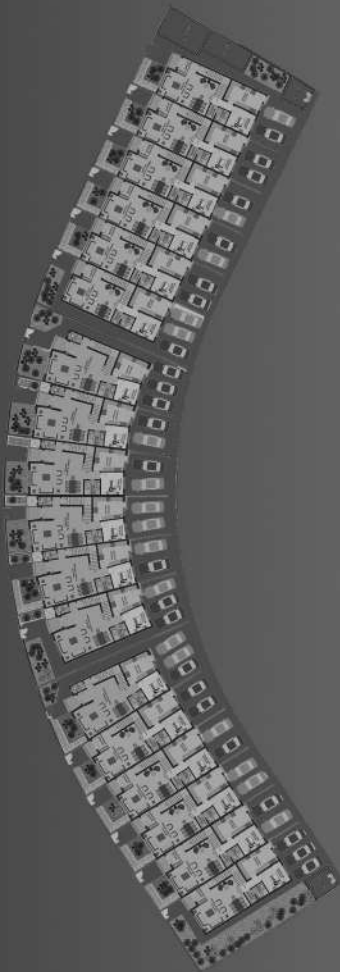
TEN(Gr+1+ROOF)TOWNHOUSES,JVT,DUBAI

TENDER STAGE



18 (Gr+2) TOWNHOUSES, JVC, DUBAI

TRAKHEES APPROVED



B+G+1+Roof Private Villa At Al Khawaneej Second, Dubai



Zanzibar Hotel & Resort interior design cocept analysis

PROPOSAL



Conference Room



Hotel Lobby



Reception



Restaurant



Coffee Shop



Health Club

Tucked in hidden corners and alleyways were found many carved wooden doors in the Islamic style. The island of Zanzibar is almost entirely Muslim. This was seen not only in the architecture, but also in the long black veils of many of the women that lived there



These small alleys were the streets of Stone Town. It is not without reason that Stone Town is often referred to as an African Venice

W&M engineering consultants
Eng. Oday Shanshal



LUXURY HERITAGE STYLE



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX, KADHIMIYA-BAGHDAD, IRAQ



ABRAJ AL HAYAT RESIDENTIAL COMPLEX.

Location: MOHAMMED JAWAD STREET, KHADIMIYA, BAGHDAD, IRAQ.

Owner: AL HADHARA INVESTMENTS.

Height: B+G+14+ROOF

Building "A" - 8 Flats x 15 Floors = 120 Flats

3 Bed Room Flats = 30 Units.

2 Bed Room Flats = 90 Units.

Building "A" x 3 Nos

= 120 Flats x 3 Building

Total = 360 Flats

Height: B+G+14+ROOF

Building "B" - 132 Flats.

3 Bed Room Flats = 31 Units

2 Bed Room Flats = 101 Units.

Total No. of Flats in All Building
(Buildings "A" + Building "B")

= 492 Flats .

MOHAMMED JAWAD STREET

PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX, KADHIMIYA-BAGHDAD, IRAQ



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX-KADHIMIYA, BAGHDAD-IRAQ

Location: KHADIMIYA, BAGHDAD, IRAQ

Height: B+G+14+ROOF

Building "B"

10 Flatsx15 Floors = 150Flats

3 Bed Room Flats = 58 Units.

2 Bed Room Flats = 92 Units.

Building "A"

8 Flatsx15 Floors = 120Flats

3 Bed Room Flats = 30 Units.

2 Bed Room Flats = 90 Units.

Building -A - 3 Nos.

3x120 = 360 Flats Total.

All Building Total = 510 Flats

PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX, KADHIMIYA-BAGHDAD, IRAQ



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX-KADHIMIYA, BAGHDAD-IRAQ

ABRAJ AL HAYAT RESIDENTIAL COMPLEX & PROPOSED G+4 COMMERCIAL SHOPPING CENTER

Location: MOHAMMED JAWAD STREET, KHADIMIYA, BAGHDAD, IRAQ.

Owner: AL HADHARA INVESTMENTS.

Building "A"

Height: B+G+20+ROOF.

Ground Floor + 20 Typical Floors

=21 Floors x 8 Flats / Floor = 168

Total = 168 Flats.

Building "B"

Height: B+G+20+ROOF.

Ground Floor + 20 Typical Floors

=21 Floors x 8 Flats / Floor = 168

Total = 168 Flats.

Total No. of Flats = 336 Flats

PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX, KADHIMIYA-BAGHDAD, IRAQ



Height: B+G+14+ROOF
 Building "A" - 8 Flats x
 15 Floors = 120 Flats
 3 Bed Room Flats = 30 Units.
 2 Bed Room Flats = 90 Units.
 Building "A" x 3 Nos
 = 120 Flats x 3 Building
 Total = 360 Flats

Total No. of Flats in All Building
 (Buildings "A" + Building "B")
 = 492 Flats .

Height: B+G+14+ROOF
 Building "B" - 132 Flats.
 3 Bed Room Flats = 31 Units.
 2 Bed Room Flats = 101 Units.



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX: KADHIMIYA, BAGHDAD-IRAQ



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX, KADHIMIYA-BAGHDAD, IRAQ



PROPOSED ABRAJ AL HAYAT RESIDENTIAL COMPLEX-KADHIMIYA, BAGHDAD-IRAQ

ABRAJ AL HAYAT RESIDENTIAL COMPLEX.

Location: MOHAMMED JAWAD STREET, KHADIMIYA, BAGHDAD, IRAQ.

Owner: AL HADHARA INVESTMENTS.

Building "A1"

Height: B+G+14+ROOF.

Ground Floor - 6 Flats

1st to 12th Floors x 10 = 120 Flats

13th & 14th Floors - 8 Flats (Duplex)

Total = 134 Flats

Building "A2"

Height: B+G+14+ROOF.

Ground Floor - 6 Flats

1st to 12th Floors x 8 = 96 Flats

13th & 14th Floors - 8 Flats (Duplex)

Total = 110 Flats

110x2 Building= 220 Flats Total.

Total No. of Flats = 354 Flats

200 BED SURGERY HOSPITAL, DOHUK, IRAQ



Height: G+M+8 200 BED SURGERY HOSPITAL

Location : Dohuk, Iraq

Facilities :

Patient Care Divisions
Surgical Operating Suite
Obstetrical Delivery Suite
Pediatric Nursing Unit
Emergency Department

Clinical Laboratory
Radiology Department
Physical Therapy
Pharmacy
Outpatient Department
Psychiatry Department

Treatment Rooms
Administration Department
Staff Lounge
Waiting Halls
Conference Hall
Service Department

200 BED SURGERY HOSPITAL, DOHUK, IRAQ



Height: G+M+8 200 BED SURGERY HOSPITAL

Location : Dohuk, Iraq

Facilities :

Patient Care Divisions
Surgical Operating Suite
Obstetrical Delivery Suite
Pediatric Nursing Unit
Emergency Department

Clinical Laboratory
Radiology Department
Physical Therapy
Pharmacy
Outpatient Department
Psychiatry Department

Treatment Rooms
Administration Department
Staff Lounge
Waiting Halls
Conference Hall
Service Department

2B+GR+15+Roof Commercial & Residential Building at AL Adhamia, Baghdad - IRAQ



Area Details:-

Basement Floor 1&2	= 7728.44 Sq.m
GF & FF (Commercial)	= 5670.73 Sq.m
Typical 14 Floors (Flats) Bldg A&B	= 26165.40 Sq.m
Total Builtup Area	= 39,564.57 Sq.m

Apartment Details :-

Building "A"	= 2 Bed Room @ 14 Flr. - 70 Units.
	3 Bed Room @ 14 Flr. - 28 Units.
Building "B"	= 2 Bed Room @ 14 Flr. - 70 Units.
	3 Bed Room @ 14 Flr. - 28 Units.
Total Flats in Building A & B = 98 x 2 = 196 Units.	

2B+GR+15+Roof Commercial & Residential Building at AL Adhamia, Baghdad - IRAQ



Area Details:-

Basement Floor 1&2	= 7728.44 Sq.m
GF & FF (Commercial)	= 5670.73 Sq.m
Typical 14 Floors (Flats) Bldg A&B	= 26165.40 Sq.m
Total Builtup Area	= 39,564.57 Sq.m

Apartment Details :-

Building "A"	= 2 Bed Room @ 14 Flr. - 70 Units.
	3 Bed Room @ 14 Flr. - 28 Units.
Building "B"	= 2 Bed Room @ 14 Flr. - 70 Units.
	3 Bed Room @ 14 Flr. - 28 Units.
Total Flats in Building A & B = 98 x 2 = 196 Units.	

B+G+13 Commercial & Residential Building at AL Adhamia, Baghdad - IRAQ

B+G+1+2nd to 11th Floor Typical+12th & 13th Floor Duplex,
Commercial & Residential Building



Area Details:-

Basement Floor (Parking)	=	3605.60 Sq.m
Ground Floor (Commercial)	=	2968.30 Sq.m
First Floor (Commercial)	=	2400.90 Sq.m
2nd to 11th Typical 10 Floors (Flats)	=	18887.00 Sq.m
12th&13th Floor Duplex (Flats)	=	1299.54 Sq.m
Total Builtup Area	=	29,161.34 Sq.m

Apartment Details :-

Building A & B - 2nd to 11th Typical Floors
- 3 Bed Room x 8 Units (4+4) x 10 Flr. = 80 Flats
Building A & B - 12th & 13th Floor Duplex
= 3 Bed Room x 8 Units (4+4) = 8 Flats
Total Flats in Building A & B - 80 + 8 = 88 Units.
(Building A - 44 Units+ Building B 44 Units)

B+G+13 Commercial & Residential Building at AL Adhamia, Baghdad - IRAQ

B+G+1+2nd to 11th Floor Typical+12th & 13th Floor Duplex,
Commercial & Residential Building



Area Details:-

Basement Floor (Parking)	=	3605.60 Sq.m
Ground Floor (Commercial)	=	2968.30 Sq.m
First Floor (Commercial)	=	2400.90 Sq.m
2nd to 11th Typical 10 Floors (Flats)	=	18887.00 Sq.m
12th&13th Floor Duplex (Flats)	=	1299.54 Sq.m
Total Builtup Area	=	29,161.34 Sq.m

Apartment Details :-

Building A & B - 2nd to 11th Typical Floors
- 3 Bed Room x 8 Units (4+4) x 10 Flr. = 80 Flats
Building A & B - 12th & 13th Floor Duplex
= 3 Bed Room x 8 Units (4+4) = 8 Flats
Total Flats in Building A & B - 80 + 8 = 88 Units.
(Building A - 44 Units+ Building B 44 Units)

B+GR+TYPICAL 1ST TO 12TH FLOOR, 13TH AND 14TH FLOOR DUPLEX+ROOF



B+Gr+Typical 1st TO 12th Floor , 13th & 14th Floor Duplex + Roof Residential Building
Location: Atefya, Baghdad, Iraq.

Building - Block C

Height: B+G+Typical 1st to 12th+13th & 14th Duplex

Apartment Details :-

4 Bed Room - 6 Units

3 Bed Room - 10 Units

2 Bed Room Units - 126

Total 142 Flats

Building - Block D

Height: B+G+Typical 1st to 12th+13th & 14th Duplex

Apartment Details :-

4 Bed Room - 6 Units

3 Bed Room - 10 Units

2 Bed Room Units - 126

Total 142 Flats

B+GR+TYPICAL 1ST TO 12TH FLOOR, 13TH AND 14TH FLOOR DUPLEX+ROOF



B+Gr+Typical 1st TO 12th Floor , 13th & 14th Floor Duplex + Roof Residential Building
Location: Atefya, Baghdad, Iraq

Building - Block C

Height: B+G+Typical 1st to 12th+13th & 14th Duplex

Apartment Details :-

4 Bed Room - 6 Units

3 Bed Room - 10 Units

2 Bed Room Units - 126

Total 142 Flats

Building - Block D

Height: B+G+Typical 1st to 12th+13th & 14th Duplex

Apartment Details :-

4 Bed Room - 6 Units

3 Bed Room - 10 Units

2 Bed Room Units - 126

Total 142 Flats

CULTURAL CENTRE BASEMENT + GROUND + 3 FLOORS

Theatre
Performance Art centre
Music Centre
Gallery
Seminar Halls
Cinema
Car parking



CULTURAL CENTRE BASEMENT + GROUND + 3 FLOORS

Theatre
Performance Art centre
Music Centre
Gallery
Seminar Halls
Cinema
Car parking



PROPOSED DIJLA HOUSING COMPLEX B+G+7 , JADIRYA- BAGHDAD, IRAQ

Apartment Details :-

Building -A - Total 80 Apartments

4 Bed Room Units - 16

3 Bed Room Units - 61

2 Bed Room Units - 3

Building -B - Total 48 Apartments

3 Bed Room Units - 30

2 Bed Room Units - 18

Building -C - Total 96 Apartments

4 Bed Room Units - 32

3 Bed Room Units - 60

2 Bed Room Units - 4

Location: Jadirya, Baghdad, Iraq

Height: G+7



PROPOSED DIJLA HOUSING COMPLEX B+G+7 , JADIRYA- BAGHDAD, IRAQ



Location: Jadirya, Baghdad, Iraq
Height: G+7

Apartment Details :-

Building -A - Total 80 Apartments

4 Bed Room Units - 16

3 Bed Room Units - 61

2 Bed Room Units - 3

Building -B - Total 48 Apartments

3 Bed Room Units - 30

2 Bed Room Units - 18

Building -C - Total 96 Apartments

4 Bed Room Units - 32

3 Bed Room Units - 60

2 Bed Room Units - 4



PROPOSED B+G+1 LUXURY VILLAS AT DIJLA HOUSING COMPLEX, JADIRYA, IRAQ



DIJLA LAND - LUXURY VILLA (ROAD SIDE)



DIJLA LAND - ATTACHED VILLA (REAR SIDE)



Proposed Villas At Dijla
Housing Complex

Height : B+G+1

Location: Jadirya, Baghdad,
Iraq

31 Luxury Villas

14 Unit Big Villas
17 Unit Small Villas

PROPOSED B+G+1 LUXURY VILLAS AT DIJLA HOUSING COMPLEX, JADIRYA, IRAQ



Proposed Villas At Dijla
Housing Complex

Height : B+G+1

Location: Jadirya, Baghdad,
Iraq

31 Luxury Villas

14 Unit Big Villas
17 Unit Small Villas

PROPOSED 2B PARKING+G+2 COMMERCIAL+16 RESIDENTIAL+ROOF BUILDING, IRAQ

PROPOSED 2B PARKING+G+2 COMMERCIAL+16 RESIDENTIAL BUILDING+ROOF



Floor Details:-

Basement Floor 1 = 92 parking

Basement Floor 2 = 92 parking

Ground Floor - Hypermarket

First Floor - Hypermarket

Second Floor - Function Hall 1 & 2,

Restaurant, Gym & Swimming Pool.

3rd to 18th = 16 Floors x 10 = 160 Flats.

(2 Bed Room flat - 4 Nos. / Floor

& 3 Bed Room Flat 6 Nos. / Floor)

Roof Floor = Panoramic Restaurant.

Builtup Area Details:-

Basement Floor 1 = 1418.50 Sq.m

Basement Floor 2 = 1418.50 Sq.m

Ground Floor = 1878.00 Sq.m

First Floor = 2013.00 Sq.m

Second Floor = 2268.00 Sq.m

Typical Floor = 1517x16 Flrs.

Roof Floor = 342.00 Sq.m

Total Area = 33610.00 Sq.m

PROPOSED 2B PARKING+G+2 COMMERCIAL+16 RESIDENTIAL BUILDING+ROOF



Night View



PROPOSED 2B PARKING+G+2 COMMERCIAL+16 RESIDENTIAL+ROOF BUILDING, IRAQ



Proposed 2B Parking+G+2 Commercial+16 Residential + Roof building

Floor Details:-

Basement Floor 1 = 92 parking
Basement Floor 2 = 92 parking

Ground Floor - Hypermarket
First Floor - Hypermarket

Second Floor - Function Hall 1 & 2,
Restaurant, Gym & Swimming Pool.

3rd to 18th = 16 Floors x 10 = 160 Flats.

(2 Bed Room flat - 4 Nos. / Floor
& 3 Bed Room Flat 6 Nos. / Floor)

Roof Floor = Panoramic Restaurant.

Builtup Area Details:-

Basement Floor 1 =	1418.50 Sq.m
Basement Floor 2 =	1418.50 Sq.m
Ground Floor =	1878.00 Sq.m
First Floor =	2013.00 Sq.m
Second Floor =	2268.00 Sq.m
Typical Floor =	1517x16 Flrs.
	= 24272.00 Sq.m
Roof Floor =	342.00 Sq.m
Total Area =	33610.00 Sq.m

CONTENTS

1	HISTORY
2	MANAGERS
3	OUR MISSION
4	PROCESS
5	RESIDENTIAL INVESTMENTS PROJECTS
6	HOTEL AND OFFICE PROJECTS
7	LABOR ACCOMMODATION PROJECTS
8	INDUSTRIAL AND RETAIL PROJECTS
9	OTHER PROJECTS
10	SERVICES
11	DIVISION AND MAIN STAFF
12	DISCIPLINES
13	DOCUMENTS

HISTORY

W&M engineering consultancy is a registered engineering office at UAE. At 2003... W&M engineering consultancy was established in DUBAI. Two years later another branch has been established at ABUDHABI.

We started as a modest office specializing in Architectural, Structural and civil works design.

Through the years the firm grew in size and scope of services.

MANAGERS

Wisam M. Y. Al Sheikh (M.Sc. Architecture) Senior Partner and General Manager of W&M engineering consultancy

Mohamed Ibrahim Al Hosani (B.Sc. Civil) Senior local Partner of W&M engineering consultancy

Ali Al Jobouri (M.Sc. Structure) is Senior structural designer and ABUDHABI branch managing director

Our Mission

W&M engineering consultancy serves residential, commercial, Hotel, retail, Healthcare, industrial, multi-family, municipal, and religious projects by providing creative, valued and innovative solutions for your planning and facility needs.

Our mission is to provide the highest level of comprehensive client service and to become an integral part of your facility team. As a virtual partner with you throughout the entire process, our objective is to share your vision and dreams in order to transform them from a concept to reality.

Our goal is also to provide the highest possible quality in design and project management services to ensure that the project implementation lives up to and exceeds all expectations

Our primary objectives are:

- Exceed all expectations
- Ensure responsiveness
- Establish absolute client trust
- Complete client satisfaction
- Develop cooperative relationships with all parties involved

SERVICES

The principal services provided by W&M engineering consultancy include:

- Comprehensive Architectural Services
- Comprehensive Engineering Services
- Plan Review and Value Analysis
- Construction Management and Supervision
- Economic and Feasibility Studies
- Comprehensive Planning Services

PROCESS

General Manager

Requirements analysis and
Feasibility study

Architectural Concept
Design and Site analysis

Authorities approvals

Architectural Visualization
and 3D Modelling

Specifications and BOQ

Detailed Design

Tenders Management

Structural and Services
Design

Construction Supervision
and Project Management

RESIDENTIAL INVESTMENT PROJECTS

ALY AL SAYED HUSSAIN SHUBBER, Residential building, BUR DUBAI, DUBAI, UAE
HAMZA AL HUSSAINI, Residential building, ALWARQA, DUBAI, UAE
KHAMIS BULAHYA AL FALASI, Mix-use building, ALMURR, DUBAI
AHMED SHAHDOOR AL SHAIBAH, Mix-use building, ALMURR, DUBAI, UAE
DAWOOD AHMED AL SHEZAWI, Mix-use building, BUR DUBAI, DUBAI, UAE
ABDULKARIM AL WAHDI, Residential building, ALSATWA, DUBAI, UAE
DAWOOD AHMED AL SHEZAWI, Residential building, HOR AL ANZ, UAE
TALIB THAHER AL MOHAIRI, Mix-use building, AL AWEER, DUBAI, UAE
ETJAR INVESTMENT, 2 Residential buildings, JVT, DUBAI, UAE
USAMA AL KOBASI, Residential building, INTERNATIONAL CITY 3, DUBAI, UAE
REYADH AL KENDI, Residential building, MEZEN, DUBAI, UAE
USAMAH AL KOBASI, 18 Townhouses, JVC, DUBAI, UAE
ETJAR INVESTMENT, Residential building, ALFURJAN, DUBAI, UAE
ETJAR INVESTMENT, Mix-use Tower comp., Business Bay, DUBAI, UAE
ETJAR INVESTMENTS, 64 Townhouses, AL FURJAN, DUBAI, UAE
ETJAR INVESTMENTS, 10 Townhouses, JVT, DUBAI, UAE
AWQAF AND M. AFFAIRS, Mix-use Complex, RASHDIA, DUBAI, UAE
ABDULKARIM AL WAHDI, 6 Townhouses, ALBEDA, DUBAI, UAE
HAMZA AL HUSSAINI, 6 Townhouses, MRDIF, DUBAI, UAE
AQEEL AL HASHIMI, Mix-use building, MOSAFAH, ABUDHABI, UAE
ALI AQEEL AL HASHIMI, Mix-use building, KHALIFA, ABUDHABI, UAE
ALI AQEEL AL HASHIMI, Mix-use building, MOSAFAH, ABUDHABI, UAE
MINISTRY OF HOUSING, 50 Residential building complex, NAJAF, IRAQ
MINISTRY OF HOUSING, 50 Residential building complex, NINAVAH, IRAQ
FAMILY LAND PROPERTIES, 3 Residential towers, ERBIL, IRAQ
ISMAIL HAMAD SORAW, Residential complex, KARADAH, BAGHDAD, IRAQ

HOTELS AND OFFICES PROJECTS

ERIANCO INVESTMENTS, Pyramid Hotel, JUBA, SOUTH SUDAN

ERIANCO INVESTMENTS, Royal Paris Hotel, JUBA, SOUTH SUDAN

ERIANCO INVESTMENTS, Juba Motel, JUBA, SOUTH SUDAN

OTHMAN ABUBAKR, Al Faysal Hotel, KHARTOUM, SUDAN

ERIANCO INVESTMENTS, Soyo Hotel, SOYO, ANGOLA

ERIANCO INVESTMENTS, Luanda Hotel, LUANDA, ANGOLA

ERIANCO INVESTMENTS, Office building, JUBA, SOUTH SUDAN

ALPETRON, Hotel, KARBALAH, IRAQ

SHELL GLOBAL, Main Office, BASRAH, IRAQ

LABOR ACCOMMODATION PROJECTS

ALHATTAB, Labor Accommodation, ALQOZE IND., DUBAI, UAE

MOHD AL ZAABI, Labor Accommodation, AUD AL MAIENAH, DUBAI, UAE

SAEED AL MURRI, Labor Accommodation, AUD AL MAIENAH, DUBAI, UAE

SULTAN RASHID AL AJEEM, Labor Accommodation, WARSAN, DUBAI, UAE

RASHID KHALFAN AL AJEEM, Labor Accommodation, WARSAN, DUBAI, UAE

NABHAN GENERAL TRANSPORTATIONS, Labor Accommodation, MOSAFAH, ABUDHABI, UAE

SHELL GLOBAL, Staff Accommodation complex, BASRAH, IRAQ

INDUSTRIAL AND RETAIL PROJECTS

ALTUNQAYA, Factory and office, JEBEL ALI, DUBAI, UAE

ALTUNQAYA, Factory, JEBEL ALI, DUBAI, UAE

CANPAS FORMWORK, Factory and office, JEBEL ALI, DUBAI, UAE

ABDULLA OBAID, Warehouses, JEBEL ALI IND., DUBAI, UAE

KHALFAN ALQAZ, Warehouses, JEBEL ALI IND., DUBAI, UAE

OMER IBRAHIM, Warehouses, ALQUSAIS, DUBAI, UAE

ERIANCO INVESTMENTS, Mall-Cash and Cary, LUANDA, ANGOLA

OTHER PROJECTS

TALIB THAHER AL MOHAIRI, Equestrian club, AL AWEER, DUBAI, UAE

GLOBAL VILLAGE, Iraq pavilion, DUBAI LAND, DUBAI, UAE

EMIRATES POST, Khorfakan Post-office comp., Sharjah, UAE

REYADH AL KINDI, Palace, NAD AL SHIBA, DUBAI, UAE

DUBAI RESIDENCY and FOREIGNERS AFFAIRS, Landscape, DUBAI, UAE

HASSAN FAKJEIH, One day surgery hospital, JUMEIRAH, DUBAI, UAE

SHEIKH MOHAMMED AL AMOUDI, 3 Palaces, EMIRATES HILLS, DUBAI, UAE

PEIR GARDIAN, Showroom Interior, Sahara centre, SHARJAH, UAE

ABDULLAH SULTAN AL SHARHAN, Mosque, MOSUL, IRAQ

LG, showroom Interior, ERBIL, IRAQ

AL TADHAMUN BANK, Bank head quarter, KHARTOOM, SUDAN

DIVISIONS and MAIN STAFF

In addition to our professional W&M staff, we have highly qualified designers, CADD operators, and administrative personnel. W&M employs state art technology to ensure maximum effectiveness in planning, design, and documentation with continuous and timely performance on all projects. These enhanced efficiencies are used in the preparation of design, construction documents, specifications, heat gain and loss calculations, life-cycle cost analysis, value engineering, structural analysis and design, accounting and business management. It is this level of ability and enhanced performance that will provide you the design for success. Your project is an opportunity we will greet with enthusiasm and confidence.

DISCIPLINES

The principal disciplines wherein we maintain in-house capability are:

- Architectural Design and Planning
- Structural Design
- Interior Design
- MEP design and studies
- Construction Documentation, Supervision and Management



Wisam M. Yaseen

PARTNER MANAGER & CHIEF SENIOR ARCHITECT

Professional Summary:

Before establishing W&M Engineering, Wisam was a founder member of Access Engineering in Dubai 1998-2001.

At W&M engineering consultancy, since 2004, in Dubai and Abu Dhabi, he has designed & managed most W&M firm architectural works, ranging from residential, commercial, healthcare, banks, hotels, offices, industrial & many other project and proposals types. During his long career, architect Wisam involved in initial concept and detailed design, looking for designing creative projects, with an enthusiasm in finding harmony between architectural and structural aspect of his design standing on solid knowledge in both fields and supported by team work methodologies.

EDUCATION

UNIVERSITY OF MOSUL, Iraq

1990 | BS Architecture

2002 | M.Sc. Architecture

ADELIDE university, Australia

2003, post-graduation course/
theory of architecture

SKILLS/QUALIFICAT.

Concept Design/ Detailed Design

Hand sketch/ 3D Visualization

Coordination/ Projects managements

SOCIETY OF ENGINEERS • UAE (1999)

**IRAQI SOCIETY OF ENGINEERS -
Consultant**

PERSONAL

Nationality: Iraqi

Language: Arabic, English

Email: wisam.wm@gmail.com

EXPERIENCE

PARTNER FOUNDER

CHIEF SENIOR ARCHITECT

PROJECTS MANAGER

W&M Engineering Consultants

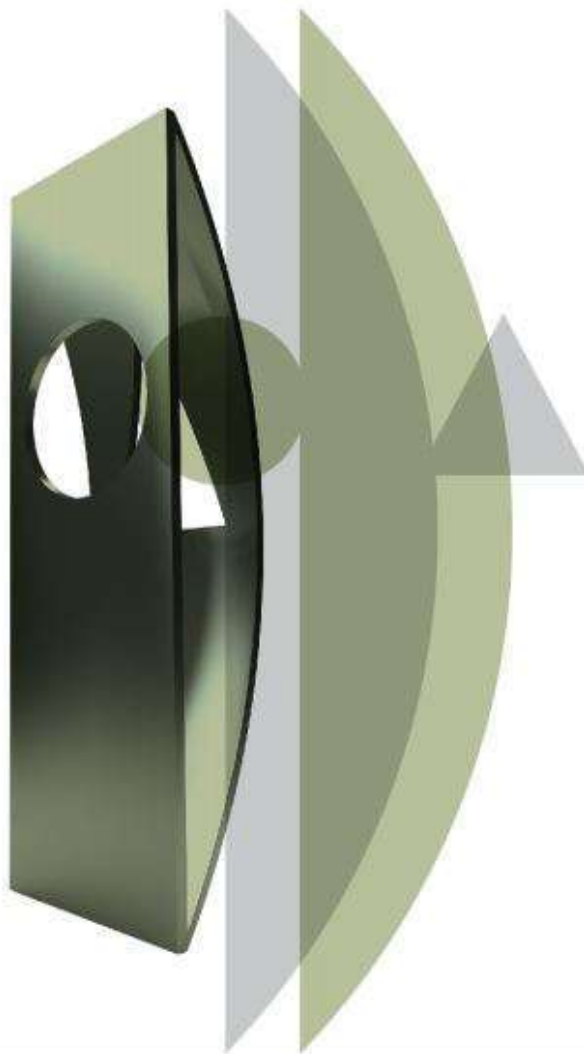
2003 - Present

more than 20 years' experience in architectural design, urban planning, Concepts development, design management, new construction systems, projects management,

- Supervise the marketing and looking for new project and opportunities.
- Supervise preparing the project agreements, specifications, BOQ, tenders, selection of contractors, construction agreements, RFI, running bills and handling the project initially and finally.
- Prepare concepts design and graphics for the projects of the developers and assist the project delivery team to provide cost plan and feasibility studies.
- Discuss proposed design and modifications with clients.
- Supervise the presentations for concept design and proposals to the Project owners using AutoCAD, 3DMax, hand sketches and Photoshop.
- Supervise the design and supervision teams and examines site issues.
- Conducts meetings and site visits for inspection with Owners and contractors.

IDA

DESIGN
AWARDS



AWARD

IDA 2020, Honorable Mention

WINNING COMPANY

W&M Engineering Consultants

WINNING DESIGNER

Wisam Mohsin Yaseen Sheikh Issa

CATEGORY

Architecture Categories

PROJECT NAME

Hanged Gardens Villas Tower

STRUCTURAL DEPARTMENT - MAIN STAFF



OMAR SHAREEF SADQ QAFTAN

SENIOR STRUCTURAL DESIGN ENGINEER

Professional Summary:

Senior civil structural engineer with 19 years' experience. Areas of experience include structural design for different kinds of building from simple low rise building up to complex high-rise building. CAD drafting, project planning and management, site supervision, evaluation and preparation of tender documents, alteration and renovation design. Dynamic lecturer with demonstrated capabilities in civil engineering.

EDUCATION

UNIVERSITY OF SALFORD

2019 | PhD Civil Engineering (Geotechnical And Structural)

UNIVERSITY OF TECHNOLOGY - BAGHDAD

2004 | MSc Civil Engineering (Geotechnical)

UNIVERSITY OF TECHNOLOGY - BAGHDAD

2001 | BSc Civil Engineering

SKILLS/QUALIFICATIONS

Prokon, Sap, Etabs, Safe, Staad pro, Rword 2.5.
Auto CAD, Revit
Civil 3d , Infracore
Primavera and Ms Project
Microsoft office
ABAQUS, PLAXIS

PERSONAL

Nationality: Iraqi
Language: Arabic, English
Email: omar.wm@gmail.com

EXPERIENCE

SENIOR STRUCTURAL DESIGN ENGINEER

W&M Engineering Consultants

2005 - Present

- Oversee all day to day management and structural design of the projects. Prepare/take responsibility for concept and preliminary engineering solutions for detailed design providing full structural detailed design and follow-up of the construction on site.
- Acts as an adviser and reviews correspondence prepared by junior project team members

STRUCTURAL DEPARTMENT - MAIN STAFF



HADIR FOUAD ALI MOHAMED

SENIOR STRUCTURAL DESIGN ENGINEER

Professional Summary:

Dedicated Structural Engineer with broad experience in the construction and design industry, self-motivated, dependable, team player, quick learner and problem solver with a high level of technical expertise, experienced in full range of Structural Analysis and Design of conventional reinforced concrete and post-tensioned cast in situ concrete structures, steel structures, and reinforced concrete masonry.

EDUCATION

ALEXANDRIA UNIVERSITY

2010 | Diploma Degree in Concrete,
Faculty of Engineering

ALEXANDRIA UNIVERSITY

2004 | BE Civil Engineer

SKILLS/QUALIFICATIONS

AutoCAD
SAP, Prokon
eTabs and Safe
Approved DM Civil Engineer G+12
Approved Trakhees Engineer (Grey & Green Code)

PERSONAL

Nationality: Egyptian
Language: Arabic, English, French
Email: hadeerfouad06@gmail.com

EXPERIENCE

STRUCTURAL DESIGN ENGINEER

W&M Engineering Consultants
2014 - Present

- Structural designer of wide range of residential, commercial and industrial buildings, using **reinforced concrete and steel structure Systems.**

STRUCTURAL DESIGNER

Dar Engineering Consultants
2006-2014

- Structural design of residential villas and buildings using **Flat Slab and Hollow core Blocks System**

PROJECT MANAGEMENT AND SUPERVISION - MAIN STAFF



RAFEA JASIM AL-BADRANI

PROJECT MANAGER

Professional Summary:

Construction project manager with over 30 years experience in managing large-scale construction projects combined with expertise in architecture design. Proven track record directing project-wide operations, negotiating contracts, controlling expenses, and boosting efficiency and productivity.

EDUCATION

UNIVERSITY OF MOSUL
1990 | BS Architecture

SKILLS/QUALIFICATIONS

AutoCAD

PERSONAL

Nationality: Iraqi
Language: Arabic, English
Email: rafea.wm@gmail.com

EXPERIENCE

PROJECT MANAGER
W&M Engineering Consultants
2016 - Present

- Organize and facilitate the complete construction process for all managed developments, from planning through to delivery.
- Execute all pre-construction, construction, quality control, and post construction responsibilities.

PROJECT MANAGEMENT AND SUPERVISION - MAIN STAFF



ADEEB ABDURAHIMAN

CIVIL ENGINEER

Professional Summary:

Proven civil engineering professional with strong technical and organizational skills with over 8 years of experience managing projects. Knowledgeable and skilled with residential building codes. Demonstrated strengths in maintaining the highest quality and standard of work and productivity. Able to meet strict deadlines.

EDUCATION

ANNA UNIVERSITY, CHENNAI

2013 | BE Civil Engineering

SKILLS/QUALIFICATIONS

AutoCAD

Approved DM Civil Engineer G+4

Microsoft Office

PERSONAL

Nationality: Indian

Language: English, Arabic (R/W), Malayalam, Hindi

Email: adeebrahiman@gmail.com

EXPERIENCE

CIVIL ENGINEER

W&M Engineering Consultants

2015 - Present

- Project management, planning & documentation
- Structural Inspector
- Regular Supervision on-site projects

CIVIL ENGINEER

Line Interior & Building Contracting

2013-2015

- Supervision of all civil works
- Quotations and Quantity Surveying
- Labor management, Billing, Preparation of Invoice and LPO

PROJECT MANAGEMENT AND SUPERVISION - MAIN STAFF



ORWA ABDALLA

SENIOR CIVIL ENGINEER

Professional Summary:

Civil engineer who always seek an opportunity to utilize the theoretical skills, sense of responsibility, efficiency to help the organization grow and successfully sees projects through from initial planning stages to completion. Competent with the challenging environment. Hardworking, energetic, and quick learner for any task delegated. Enthusiast to learn and constantly upgrade knowledge.

EDUCATION

SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
2015 | BE Civil Engineering

SKILLS/QUALIFICATIONS

Primavera

PERSONAL

Nationality: Sudan
Language: Arabic, English
Email: orsa1011@gmail.com

EXPERIENCE

SENIOR CIVIL ENGINEER

W&M Engineering Consultants
2021 - Present

- Perform all daily inspection and test of the scope and character necessary to achieve the quality of construction required in the drawings and specifications Materials submissions and quality controlling as per specifications.
- Preparing weekly and monthly reports to the higher managers, Attending meetings with clients, contractors and government authorities.

SITE INSPECTOR

Al Hosn Engineering Consultants
2018-2021

- Working as a site inspection engineer for a residential villa +70 On going projects and Multi floor Building in ABUDHABI

INTERIOR DESIGN DEPARTMENT - MAIN STAFF



ATHIL ABD YAHYA

PROJECT MANAGER

Professional Summary:

Results-driven construction and project manager with over 30 years experience as a project manager and senior interior designer. History of concurrently directing multiple projects to successful completion through effective management and team collaboration.

EDUCATION

UNIVERSITY OF MOSUL
1990 | BS Architecture

SKILLS/QUALIFICATIONS

Senior Interior designer,
Spec & material selection
Architectural detailing
Autocad 2d & 3d
Microsoft Office, 3D max, SketchUp & Photoshop

PERSONAL

Nationality: Iraqi
Language: Arabic, English
Email: atheel67@yahoo.com

EXPERIENCE

PROJECT MANAGER / SENIOR ARCHITECT
W&M Engineering Consultants
2015 - Present

- Manage all aspects of construction projects including interior and architecture design, acquiring permits, and overseeing field operations

SITE ENGINEER
Shd Italia, Sorima Hospital Development
2012-2014

- Project management and implementation of Four OR units including supervision of construction of Civil works and Architectural detailing, MEP coordination



ODAY KHALID SHANSHAL

**PROJECT MANAGER&
SENIOR INTERIOR DESIGNER**

Professional Summary:

An accomplished Project Manager, who has extensive experience managing multiple construction projects. With a successful background in planning, directing and coordinating building activities, who is more than able to not only meet but exceed your expectations. As a proven leader, he is able to maintain strict adherence to budgetary guidelines, quality and safety standards, and can also adapt to frequent changes in priorities, has extensive experience of commercial, mixed-use and multi-family construction projects from start to finish.

EDUCATION

UNIVERSITY OF MOSUL
2004 | BS Architecture

SKILLS/QUALIFICATIONS

Senior Interior designer,
Spec & material selection
Architectural detailing
Autocad 2d & 3d
Microsoft Office, 3D max, SketchUp & Photoshop

PERSONAL

Nationality: Iraqi
Language: Arabic, English
Email: eng_oday@emirates.net.ae

EXPERIENCE

**PROJECT MANAGER /
SENIOR INTERIOR DESIGNER**
W&M Engineering Consultants
2005 - Present

- Manage all aspects of construction projects including interior and architecture design, material selection, specifications, acquiring permits, and overseeing field operations

INTERIOR DESIGN DEPARTMENT - MAIN STAFF



AFNAS THAZE

GRAPHICS DESIGNER

Professional Summary:

An ambitious and well-rounded graphics designer with 9 years experience taking great pride in the presentation and quality of work, assembling together images, typography, or motion graphics to create a piece of design. An expert at taking designs into original, exciting and new directions.

EDUCATION

GTECH INDIA

2011 | Diploma in Multimedia and Animation

SKILLS/QUALIFICATIONS

Adobe Illustrator
Adobe Photoshop
Adobe Indesign
Corel draw
Microsoft Office

PERSONAL

Nationality: Indian
Language: English
Email: afnurm@gmail.com

EXPERIENCE

GRAPHICS DESIGNER

W&M Engineering Consultants

2018 - Present

- Creating a consistent corporate and brand identity for clients.
- Developing customized design solutions.
- Managing social media posts and edit editorial posts for clients

GRAPHICS DESIGNER

Al Fajr

2015-2018

- Create graphics for offline layouts
- Presenting design ideas clearly and concisely.

ARCHITECTURAL DEPARTMENT - MAIN STAFF



JAYSON DE GUZMAN

SENIOR ARCHITECT

Professional Summary:

Architect having more than 12 years experience in Architecture and Building Design, including design –development, proficient in space planning, knowledgeable in manual and computer aided design, 3ds max and adobe Photoshop. With Experience in construction site supervision and can handle research and clerical works. And has the ability to work under pressure initiatively without supervision.

EDUCATION

TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
2005 | BS Architecture

MICROCADD TECHNOLOGIES CO., INC
2006 | Certificate in AutoCAD 2006
With Color rendering Level 1 & 2

SKILLS/QUALIFICATIONS

Manual Drafting and 3D Rendering
AutoCAD 2012, Autodesk 3dsMax2012
Microsoft Office

PERSONAL

Nationality: Filipino
Language: English
Email: princetonaguz13@yahoo.com

EXPERIENCE

SENIOR ARCHITECT/3d MODELER & VISUALIZER
W&M Engineering Consultants
2006 - Present

- Prepare and carry out of the design of client's concept
- Supervise the technical team in preparing all working drawings, architectural and services for submission to relevant authorities

AUTOCAD DRAFTSMAN AND DESIGNER
Wills Decena & Associates
2006

- Manages and facilitates freehand and AutoCAD drafting as well as planning
- supervision of construction of civil works and Architectural detailing



DAN DAVE MARIANO

JUNIOR ARCHITECT

Professional Summary:

Passionate architect with focus on creating best space for clients and pursue order and emphasis in doing design works, focusing in direct specific details and conforming everything. Has eagerness to learn and develop his skills to know different architectural and interior philosophies and technical details from sustainable to economical solutions.

EDUCATION

UNIVERSITY OF STO TOMAS

2014 | BS Architecture

SKILLS/QUALIFICATIONS

AutoCAD
Photoshop and Corona Render Engine
Google Sketchup
Revit Architecture
Lumion
3d Max, Illustrator
In Design
Microsoft Office

PERSONAL

Nationality: Filipino
Language: English
Email: marianodandave@gmail.com

EXPERIENCE

JUNIOR ARCHITECT

W&M Engineering Consultants

2017 - Present

- Prepares Architectural Drawings from Preliminary to Final for submission to DM, Trakhees, Nakheel, and to other relevant authorities

JUNIOR ARCHITECT

Port Saeed Engineering

2015-2017

- Visualize and render final images for submission
- Generates Architectural drawings from concepts utilizing AutoCAD, Revit



MELVIN CADIENTE

JUNIOR ARCHITECT

Professional Summary:

Architect with strong and comprehensive experience in preparing architectural designs for the full completion of villa, commercial, residential buildings, labor accommodation, office and factory. Skilled in applying creativity to design highly appealing, interesting and functional design.

EDUCATION

NORTHWESTERN UNIVERSITY

2011 | BS Architecture

SKILLS/QUALIFICATIONS

Autocad
BIM - Revit Architecture
3Ds Max with Vray3.6 Renderer
Sketchup with Vray 2.0/3.6 Renderer
Photoshop Post Production
Lumion
Microsoft Office

PERSONAL

Nationality: Filipino
Language: English
Email: cadiente_melvin@yahoo.com

EXPERIENCE

JUNIOR ARCHITECT

W&M Engineering Consultants

2021 - Present

- Prepares Architectural Drawings from Preliminary to Final for submission to DM, Trakhees, Nakheel, and to other relevant authorities

JUNIOR ARCHITECT

Emirates Engineer Consulting

2015-2020

- Prepares concept design, presentation drawings, 3D visualization of exterior and interior design



AHMAD KHALIL

ARCHITECTURE DESIGNER

Professional Summary:

An Architectural Designer with 6 years of industry experience, offers a unique blend of talents ranging from urban planning, urban design, interior design, visualization and animation.

EDUCATION

CAIRO UNIVERSITY
2015 | BS Architecture

SKILLS/QUALIFICATIONS

AutoCad, 3Ds Max
Adobe Photoshop
Lumion
MS Office
Autodesk Revit

PERSONAL

Nationality: Egypt
Language: English, Arabic
Email: ahmed_m.khalil@hotmail.com

EXPERIENCE

ARCHITECTURE DESIGNER
W&M Engineering Consultants
2018 - Present

- Lead projects from the conceptual stage to development until the production of the final construction drawings.
- Developing customized design solutions.

GRAPHICS DESIGNER
International Consultant
2015-2017

- Provide design solution to our projects ranging from commercial, residential, and healthcare projects.



Luay Mahmoud Hussein

PROJECT MANAGER

Professional Summary:

Construction project manager with over 30 years' experience in field of project management and material specifications. During his long career, he carried out many projects, like residential buildings, commercial and healthcare as well as sport projects. Most of his duties in these projects were specifying materials as per international codes and the consistency to local regulations. He has good knowledge of most international materials supplier or manufacturer. From both south – east Asia or European market. His experience supported the designers to adopt the correct structural system and finishing materials

EDUCATION

UNIVERSITY OF MOSUL
1990 | BS Architecture

UNIVERSITY OF Jordan
1998 | M. Sc. Architecture

SKILLS/QUALIFICATIONS

FIDIC, spec, BOQ, contracts, Material

AutoCAD, Mc office

PERSONAL

Nationality: Iraqi
Language: Arabic, English
Email: luay.wm@gmail.com

EXPERIENCE

PROJECT MANAGER
W&M Engineering Consultants
2016 - Present

- Organize and facilitate the complete construction process for all managed developments, from planning through to delivery.
- Execute all pre-construction, construction, quality control, and post construction responsibilities.

MEP DEPARTMENT - SUBCONSULTANT



HARIS K A

MECHANICAL ENGINEER

Professional Summary:

8+ years of experience as a Mechanical Engineer. Proven ability to perform multiple varieties of projects simultaneously. Excellent interpersonal, organizational and sound decision making, communication (oral and written) skills.

EDUCATION

KERALA UNIVERSITY, INDIA

2012 | BSc in Mechanical Engineering

SKILLS/QUALIFICATIONS

Hourly Analysis Program(HAP)

Revit MEP and AutoCAD (Certified Professional)

Navisworks Manage

PERSONAL

Nationality: Indian

Language: English, Malayalam, Hindi

Email: haris@clemsondubai.com

EXPERIENCE

MECHANICAL ENGINEER

Clemson Engineering Consultants

2016 - Present

- Design of all mechanical services required for buildings as per local and international standards to suite client's requirements.
- Review and approval of shop drawings, calculations & materials to ensure it complies with the contract / specification requirement and local authorities regulations.



PRINCE PAUL CHITILAPPILLY

SENIOR ELECTRICAL ENGINEER

Professional Summary:

Experienced electrical engineer with over ten years in the industrial industry. Lead engineer on design, implementation, and real-world troubleshooting of electrical power systems for a variety of large-scale, integrated projects. Manage all aspects of electrical design and engineering.

EDUCATION

CALICUT UNIVERSITY, KERALA

2010 | B.Tech in Electrical & Electronics Engineering

SKILLS/QUALIFICATIONS

Member of SOE in U.A.E.
DEWA Approved Solar PV Expert.
DM Approved Electrical Engineer.
Auto CAD, Revit

PERSONAL

Nationality: Indian
Language: English, Malayalam, Hindi
Email: princepaul@clemsondubai.com

EXPERIENCE

SENIOR ELECTRICAL ENGINEER

Clemson Engineering Consultants

2017 - Present

- Preparation of Electrical Design Drawings (Revit & Autocad), Load Distribution Schedule, MEP Concept & Schematic Design Reports.
- Design & Supervision of LV networks according to IEC Standards, including: interior lighting calculations, cable sizing, short circuit calculations, voltage drop verifications, load calculations, LV / Transformer protection, motors protection control and power circuits diagram.

ELECTRICAL ENGINEER

Dynamic Engineering Consultants

2014-2017

- Responsible for the complete Electrical Design of projects.



ANAND RAJA

ELECTRICAL ENGINEER

Professional Summary:

Highly focused and motivated Electrical Engineer, able to work both independently and collaboratively in a variety of settings, conditions, and environments. Proven technical skills utilized in driving profitable and cost-effective collaboration between Engineering and critical business functions.

EDUCATION

ANNAMALAI UNIVERSITY, TAMIL NADU, INDIA
2009 | BSc Electrical Engineering

SKILLS/QUALIFICATIONS

Member of SOE in U.A.E
Dewa – Solar PV Expert
Auto CAD
Dot Net, MS-Office.

PERSONAL

Nationality: Indian
Language: English, Hindi
Email: anand@clemsondubai.com

EXPERIENCE

ELECTRICAL ENGINEER

Clemson Engineering Consultants
2017 - Present

- Preparation of Electrical Design Drawings, Load Distribution Schedule, MEP Concept & Schematic Design Reports
- Design & Supervision of LV networks according to IEC Standards, including: interior lighting calculations, cable sizing, short circuit calculations, voltage drop verifications, load calculations, LV / Transformer protection, motors protection control and power circuits diagram

DOCUMENTS



اقتصادية دبي
DUBAI ECONOMY



رخصة مهنية Professional License

تفاصيل الرخصة / License Details

License No.	545340	رقم الرخصة
Trade Name	W & M ENGINEERING CONSULTANCY	الاسم التجاري
Legal Type	Civil Company	الشكل القانوني
Expiry Date	23/05/2022 تاريخ الانتهاء	تاريخ الإصدار
D&B D-U-N-S ®	561389169 الرقم العلمي	رقم الرخصة الأم
Register No.	رقم السجل التجاري	عضوية الغرفة
Issue Date	24/05/2003	أعمال مدنية
Main License No.	545340	
DCCI No.	120296	

الأطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الاسم	No. / رقم الشخص
	Partner / شريك	United Arab Emirates / الإمارات	محمد ابراهيم حسين الهائمي الحوسني (0.00%)	158259
	Partner / شريك	Iraq / العراق	وسام محسن ياسين الشيخ (0.00%)	158260
	Manager / مدير	Iraq / العراق	وسام محسن ياسين الشيخ	158260

نشاط الرخصة التجارية / License Activities

Construction Engineering Services
Architectural Design Consultancy

خدمات هندسة إنشاءات الأبنية
مستشارات هندسة التصميم المعماري

العنوان / Address

Phone No	971-4-2628206	تليفون	P.O. Box	85949	صندوق بريد
Fax No	971-4-2628207	فاكس	Parcel ID	129-165	رقم القطعة
Mobile No	971-52-7275473	هاتف متحرك	عبدالله احمد عبدالله الموسى - ديرة - بورسعيد LG - ZB-0108 مكتب رقم		

البريد الإلكتروني / Email: wmengineeringconsultants@gmail.com

الملاحظات / Remarks

مصرح الاستشاري والتصميم والإشراف على مدى 7 يزيد ارتفاعها عن (الرضي +12 طوابق).

DOCUMENTS



شهادة سجل مزاولة المهن الهندسية ENGINEERING PROFESSIONS PRACTICE CERTIFICATE

تاريخ إصدار الرخصة : 24-05-2003

تاريخ انتهاء الرخصة : 23-05-2021

الإسم التجاري : دبلير & ام للاستشارات الهندسية

رقم الترخيص : 545340

الأنشطة المسجلة وغير المصرح العمل بها لجميع المشاريع

الأنشطة المسجلة والمصرح العمل بها

خدمات هندسة إنشآت الأبنية
إستشارات هندسة التصميم المعماري

أبني 12 + طابق
أبني 12 + طابق

أطراف الترخيص

رسان محمد حسن ياسين الشيخ
رسان محمد حسن ياسين الشيخ
محمد إبراهيم حسن الهاشمي الحوسني

مدير
شريك
شريك

بوزسعيد

المنطقة

1250165

رقم الأرض

042628237

فاكس

042628208

الهاتف

wmdxb@cim.ac

البريد الإلكتروني

إجمالي عدد الأنشطة - 2

ملاحظات السجل :

اي تغيير في إشراف مزاولة المهنة قد يؤدي إلى إيقاف الرخصة في سجلات البلدية تاريخ الطباعة : 11-05-2020



عن / لجنة قيد وترخيص
مزاولة مهنة الاستشارات الهندسية والمقاولات
إدارة تراخيص البناء

تعتبر هذه الشهادة لائقة في حال حدوث أي نشاط أو تغيير أو تعديل وتجدد سنوياً

DOCUMENTS

مركز أبوظبي للأعمال
Abu Dhabi Business Center



Professional License

رخصة مهنية

License No	:	CN-1079476	:	رقم الرخصة
ADCCI No	:	208611	:	عضوية الغرفة
Establishment Card MOHRE	:		:	وزارة الموارد البشرية والتوطين بطاقة المنشأة
Establishment Card GDRFA	:		:	الإدارة العامة للإقامة وشؤون الأجانب - بطاقة المنشأة
Legal Form	:	UAE Branch - Dubai	:	الشكل القانوني
Trade Name	:	W & M ENGINEERING CONSULTANCY - ABU DHABI BRANCH	:	الاسم التجاري
Establishment Date	:	06/12/2005	:	تاريخ تأسيس المنشأة
Issue Date	:	20/09/2020	:	تاريخ الإصدار
Expiry Date	:	02/10/2021	:	تاريخ الانتهاء

الصفة Role	الجنسية Nationality	الملاك / الشركاء Owners / Partners	الرمز No.
مالك Owner	دولة الإمارات العربية المتحدة United Arab Emirates	دبلير & ام للاستشارات الهندسية - فرع أبوظبي W & M ENGINEERING CONSULTANCY - ABU DHABI BRANCH	3377

Commercial Activities : الأنشطة التجارية :

- Interior Design Engineering Consultancy
- Architectural Engineering Consultancy
- Civil Engineering Consultancy

- استشارات هندسية في التصميم الداخلي
- استشارات في الهندسة المعمارية
- استشارات في الهندسة المدنية

General Note : The Consultant is not permitted to practice the activities unless these activities are classified

ملاحظة عامة : لا يحق للمكتب الاستشاري مزاولة أنشطة الاستشارات الهندسية إلا بعد التصنيف فيها

Address : العنوان : أبو ظبي - شارع الفلاح - بداية حليل خالد حليل المريخي

(تم تسجيل رسوم خدمات الدفاع المدني)

DOCUMENTS

مركز أبوظبي للأعمال
Abu Dhabi Business Center



دائرة التنمية الاقتصادية
DEPARTMENT OF ECONOMIC DEVELOPMENT



شهادة السجل التجاري

Commercial Registration Certificate

Certificate No	:	351492	:	رقم القيد
Issue Date	:	20/09/2020	:	تاريخ الاصدار
License No	:	CN-1079476	:	رقم الرخصة
ADCCI No	:	208611	:	رقم عضوية الغرفة
License Type	:	Professional License	:	نوع الرخصة
Legal Form	:	UAE Branch - Dubai	:	الشكل القانوني
			:	الإسم التجاري
Trade Name	:	W & M ENGINEERING CONSULTANCY - ABU DHABI BRANCH	:	تاريخ تأسيس المنشأة
Establishment Date	:	06/12/2005	:	تاريخ الانتهاء
Expiry Date	:	02/10/2021	:	وزارة الموارد البشرية والتوطين
MOHRE	:		:	الإدارة العامة للتجارة وشؤون الأجانب
GDRFA	:		:	

الأطراف

الهاتف Phone	البريد الإلكتروني Email	النسبة Share	الصفة Role	الجنسية Nationality	المالك / الشركاء Owners / Partners
971501079417	wmauh@yahoo.co m	51	شريك Partner	الإمارات العربية المتحدة United Arab Emirates	محمد إبراهيم حسين الهاشمي العوسلي MOHAMMED EBRAHIM HUSAIN ALHASHMI ALHOSANI
971501079417	wmauh@yahoo.co m	49	شريك Partner	العراق Iraq	وسام محسن ياسين شيخ عيسى WISAM MOHSIN YASEEN SHEIKH ISSA

تفاصيل رأس المال

العملة Currency	250000	المدفوع Paid
AED		

العنوان

أبو ظبي - شارع الفلاح - دبابة خليل خالد خليل المريخي.

الأنشطة

- استشارات في الهندسة المدنية
- استشارات في الهندسة المعمارية
- استشارات هندسية في التصميم الداخلي

General Note : The Consultant is not permitted to practice the activities unless these activities are classified

عمليات الرخصة

تاريخ الاصدار Issue Date	تاريخ الطلب Submit Date	حالة الطلب Status	وصف العملية Description	نوع العملية Transaction Type	رقم العملية No.
14/11/2013	14/11/2013	اصدرت الرخص Issued	تعديل نشاط / إضافة استشارات هندسية في التصميم الداخلي (7110201)	تعديل الأنشطة Activity Replacement	CA-1706284



إدارة التراخيص التجارية



IDA

**DESIGN
AWARDS**

HONORABLE
MENTION

2020





W&M engineering consultants

UNITED ARAB EMIRATES

**UAE-DUBAI-DEIRA-PORT SAEED
ZEENAH BUILDING-M108
TEL: +97142628208
FAX: +97142628207
PO BOX: 85949
EMAIL: wmdxb@eim.ae**

**ABU DHABI-OLD PASSPORT ROAD
RAPCO BLDG-401
TEL: +97126722995
FAX: +97126744451
PO BOX: 35719**

**IRAQ-BAGHDAD
ALYRMOUK SEC 616 STREET NO 18
TEL: 009647808968842**