

W&M engineering consultants

UNITED ARAB EMIRATES

UAE- DUBAI - DEIRA- PORTSAEED
ZEENAH BUILDING -M108

TEL : +97142628208

FAX : +97142628207

P.O.Box: 85949 DUBAI

e-mail: wmdxb@eim.ae

ABU DHABI - ALFALAH ROAD
KHALIL AL MAREKI BULG-404

P.O BOX:35719 ABUDHABI

TEL: +9712 6722995

FAX: 0+9712 6744451







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.



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 Contractin	03/08/2014	11,400,000

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

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

SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP



PYRAMID CONTINENTAL 4 STAR HOTEL AT SOUTH SUDAN

CONSTRUCTION WORK AT SITE

PROJECT	ANGERA PALACE HOTEL JUBA
CLIENT	ANGERA COMPANY LIMITED
CONSULTANT	W&M ENGINEERING CONSULTANT DUBAI
CONTRACTOR	GIANT EQUATORIA CONSTRUCTION COMPANY
PROJECT ENGINEERS	GECC ENGINEERS ANGERA PROJECT ENG.
ELECTRICAL HYDRAULIC PLUMBING	



64 STANDARD ROOMS PLUS 8 LUXURY SUITS

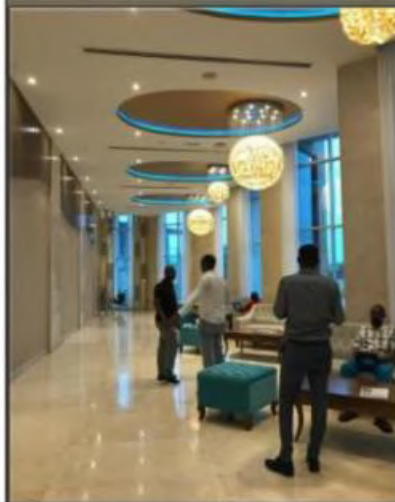
MULTIPURPOSE HALL, RESTAURANT, CAFETERIA
AND BUSINESS CENTRE AT GROUND FLOOR

STAFF ACCOMMODATION
AT PARTIAL MEZZANINE FLOOR

GYM AND SPA AT ROOF
AND OUT DOOR SWIMMING POOL



PYRAMID CONTINENTAL 4 STAR HOTEL AT SOUTH SUDAN



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



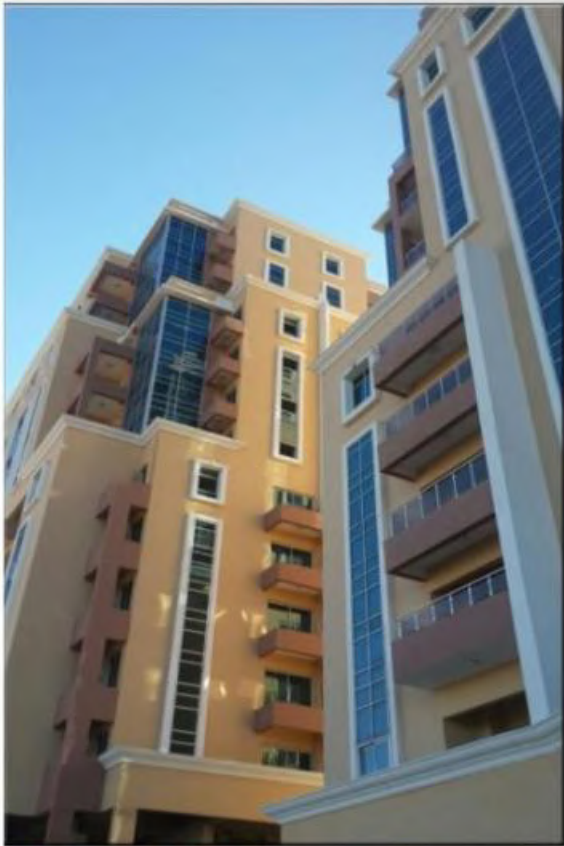
TWO(Gr+POD.+6 FLOORS)RESIDENTIAL BUILDINGS,JVT,DUBAI

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%

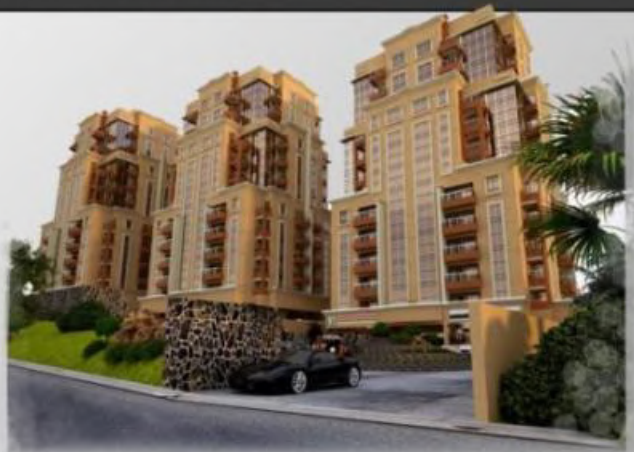
FAMILY LAND - ERBIL, IRAQ



FAMILY LAND - ERBIL, IRAQ

THREE RESIDENTIAL TOWERS 2B+6+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 FIRDT 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.

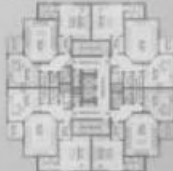
typical floors 1st TO 5th



typical floors 6st TO 9th



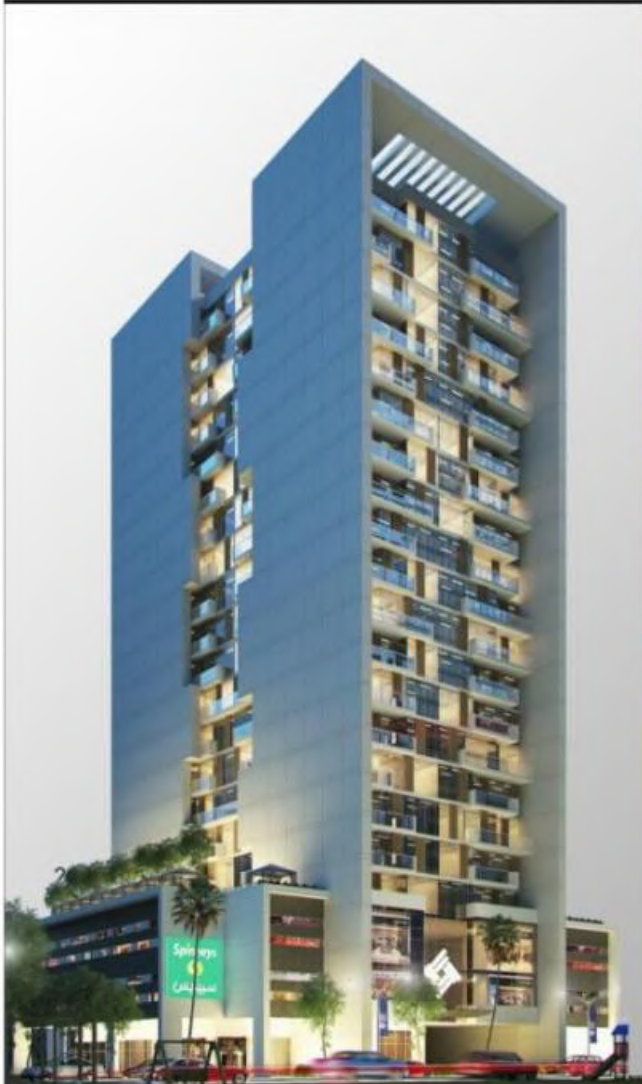
typical floors 10st TO 12th



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+3POD+MECH.+17 TYPICAL FLOORS+ROOF

PLOT AREA=3,130m²

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

COMPETITION



(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

Gr+POD.+9 FLOORS RESIDENTIAL BUILDING,MEZIN,DUBAI

DESIGN STAGE



BUA AREA CALCULATIONS
 TYPICAL FLOOR BUA=1970 m²
 PODIUM FLOOR BUA=1064 m²
 DUCT=22 m²
 NET FLOOR BUA=1048 m²
 GROUND=1600m²
 ROOF BUA=35 m²
 TOTAL BUA=11961m²

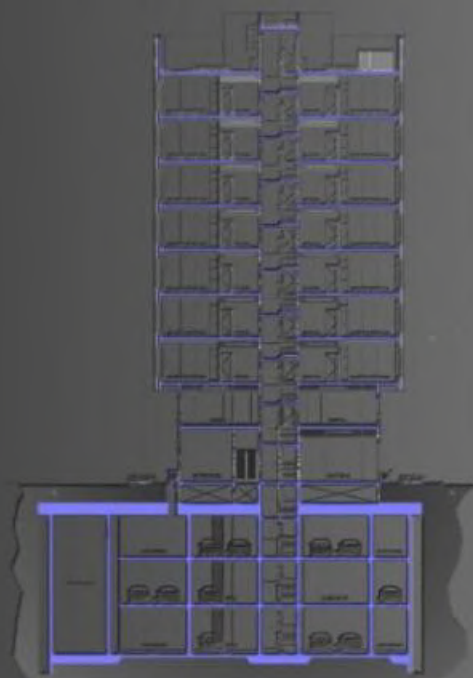
FAR AREA CALCULATIONS
 TYPICAL FAR=942 X 9=7538 m²
 PODIUM FAR=60 m²
 GROUND FAR=180 m²
 ROOF FAR=35 m²
 TOTAL FAR AREA=7811 m²
 PLOT AREA = 32045 R2
 FAR =4= 83280 R2 = 7784 m²
 Parking = 78 lots

80 FLATS TOTAL 32 TWO BEDROOM
 48 ONE BEDROOM



(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



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

UNDER CONSTRUCTION



THE TERNUM FLY AREA = 111.0 SQM
TWO BEDROOM FLAT AREA = 1110.0 SQM



**ENGINEERING
CONSULTANCY**

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

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 Ft2

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

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



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

NO OBJECTION CERTIFICATE Concept Design

Ref: TRU/2024/INT/PCS-17/0025
Issue Date: 26 Sep 2023 Expiry Date: 26 Mar 2024

Applicant Information
Trakheer ID: A-01080170
Client Name: KHALIK NAKHEEL FREEDOM AL KOWAT
Trakheer ID: C-0003-000193
Consultant Name: M&M ENGINEERING CONSULTANCY

Trakheer ID: _____
Contractor Name: _____
Project Information
Developer: _____
Project Location: International City 3 R3 (Shr) Community Name: NAKHEEL VILLAGE- 428
Plot No: IC3-H-23 Plot Area (sqm): 2794.91 SQ.M
Built up Area (sqm): 8734.00 SQ.M
Trakheer Project ID: P17462
Project Description: Residential Building (G+H+L)
Subject: Concept Design Approval
General Conditions

*Design documents submitted to the relevant authorities for approval and no objection certificate.



NO.	PROJECT	HIGHT	OWNER	LOCATION	PLOT	T. Built Up Area (sq.m)	CONTRACTOR	Start/Approval (B.P.)	VALUE
2	RESIDENTIAL BUILDING	G+Poduim+5+R	KHALIK AL KOWASI	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

MINISTRY OF HOUSING & CONSTRUCTION - IRAQ

PROJECT COMPONENTS

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

SERVICES:

ARCHITECTURAL
STRUCTURAL AND MEP



AL HADBA COMPLEX AT NAINAWA UNDER CONSTRUCTION

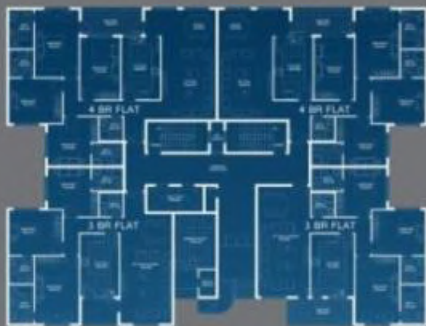


Fig (4) continuous elevation for the complex roads elevation showing the playfully rhythm which find its roots in Abbasid/Iran traditional architecture in IRAQ

(Gr+6)RESIDENTIAL COMPLEX,BAGHDAD DESIGN STAGE



(Gr+6) RESIDENTIAL COMPLEX, BAGHDAD DESIGN STAGE



MIDDLE UNIT GROUND FLOOR PLAN
BUILT UP AREA: 5,314 SQUARE FEET
OWNER NAME: ISMAEL HABAB BOHARI

CONSULTANT



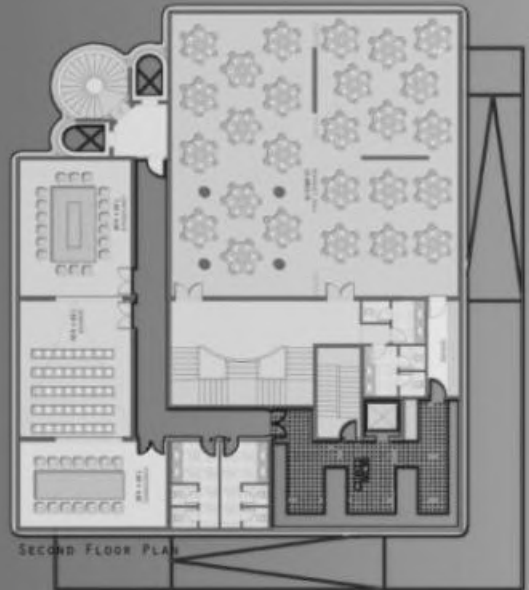
2B+G+15 FLOORS HOTEL AT ANGOLA, LUANDA



PERSPECTIVE VIEW

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

Services:
Architectural
Structural
Mep

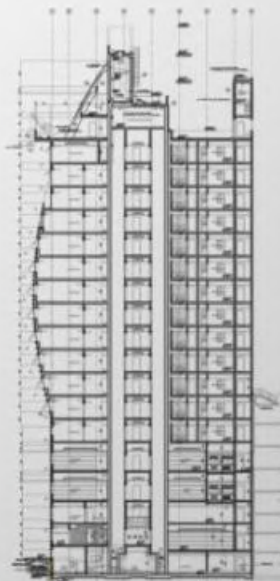




AL FAISAL 4 SDTAR HOTEL - KHARTOOM ,SUDAN



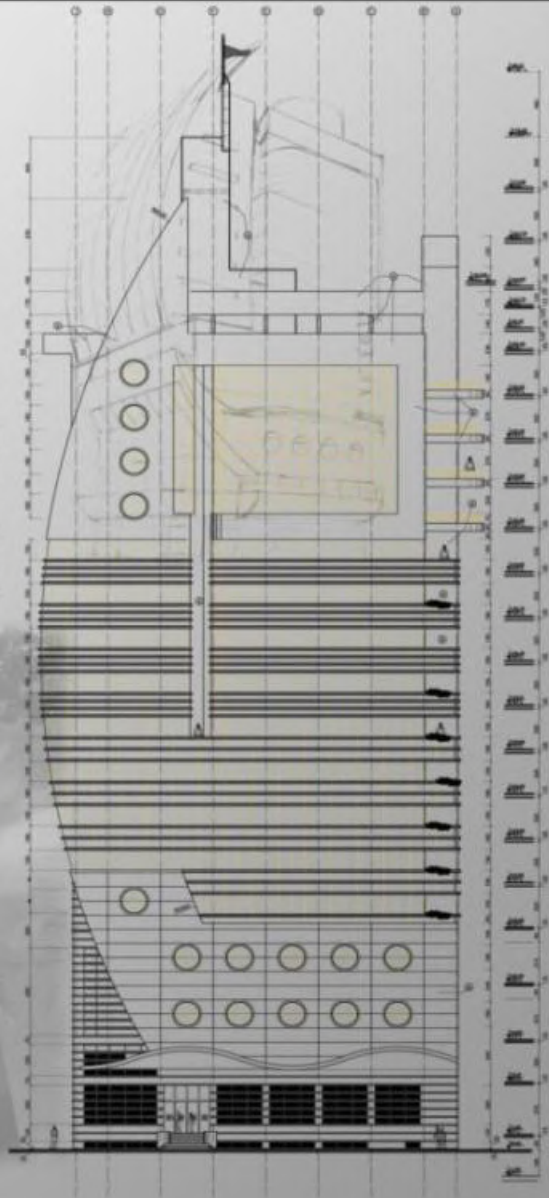
PERSPECTIVE VIEW



SECTION A-A
WIND VIEW

B+G+Mezz+18
208 BED ROOMS

SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP
INFRASTRUCRE AND LANDSCAPE PACKAGE



AL FAISAL GRAND 5 STAR HOTEL - KHARTOUM, SUDAN

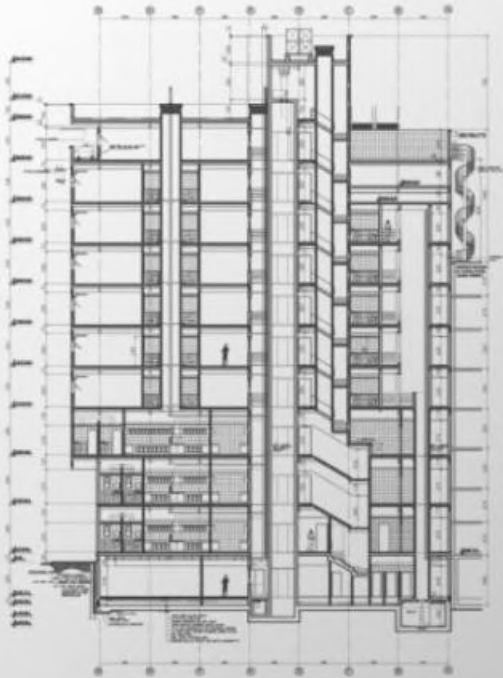
B+G+MEZZ+10
335 BED ROOMS



SERVICES:
ARCHITECTURAL
STRUCTURAL
MEP

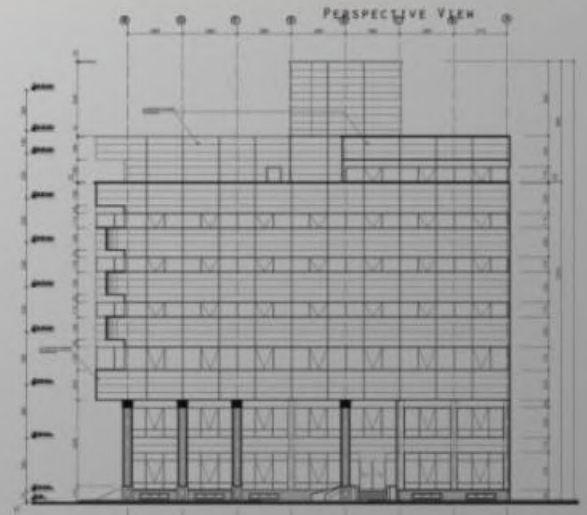


AL FAISAL-II 4 STAR HOTEL - KHARTOOM ,SUDAN



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-BER602
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-LVB-421
6. STAINLESS STEEL HAND-RAIL AND STEEL BALUSTRADE-BAL-801
7. COPPER EXTRUDED MESH PANELS-LVB-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-LVB403
13. METAL FACED DOORS-DRM-191
14. COPPER SHADING ELEMENTS
15. RENDER-REN101
16. RAIL WALL-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

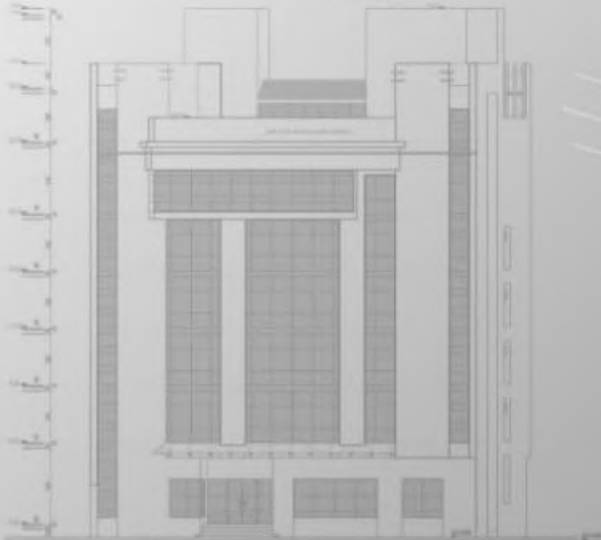
G+5+R

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 INFRASTRUCRE 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=13x140M² =1820 M²

ADMINISTRATION UNIT BUIT UP AREA=743 M²

TOTAL BUIT UP AREA = 2563 M²

OUT DOOR SWIMMING POOL



SERVICES:
ARCHITECTURAL
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.
- 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.



Shell

SERVICES:
PLANNING
ARCHITECTURAL
STRUCTURAL
MEP



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

PROPOSALS

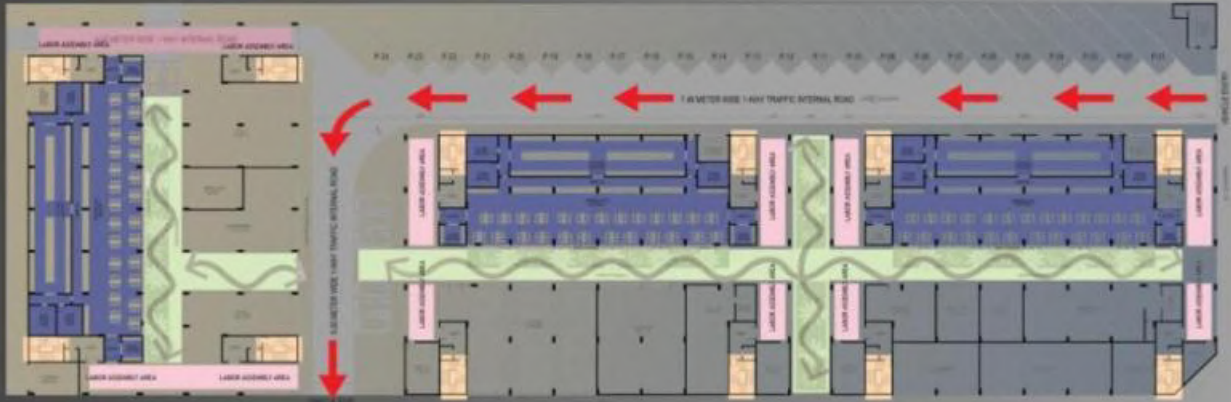


W **M** **W&M engineering consultants**
& **M** **شركة الاستشارات الهندسية**



(Gr+2)LABOR ACCOMODATION,DUBAI

COMPETITION



PLOT AREA:119,200 M2

LOCATION:
MUSABBAH SECOND

PROJECT TITLE:
PROPOSED G+2+R
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



SERVICES:
PLANNING
ARCHITECTURAL
STRUCTURAL
MEP



GROUND FLOOR PLAN
SCALE
N.T.S.

TOTAL BUILT-UP AREA: 4,572 SQ. M.

AREA CALCULATION
SUPERMARKET: 1,737.50 SQ. M. / 18,687 SQ. FT.
OFFICE AREA: 54.00 SQ. M.
RESTROOM AREA: 12.77 SQ. M.
ENTRANCE AREA: 1,272.88 SQ. M.

ASSISTENTE:
LOCALIZAÇÃO: LUANDA, ANGOLA
PROJETO DE ARQUITECTURA: CASH AND CARRY
PROJETO DE ENGENHARIA: CASH AND CARRY
PROJETO DE ENGENHARIA: CASH AND CARRY
PROJETO DE ENGENHARIA: CASH AND CARRY

GROUND FLOOR BUILT-UP AREA-
1,737.50M / 18,687 SQ. FT.

CLIENT: SHAWMUT GROUP, TRADING
PROJECT: PROPOSED SUPERMARKET, SHOWROOM AND SERVICE CENTER
LOCATION: LUANDA, ANGOLA

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 SPOUND ROOM, CONSULTING
ROOM, SERVICES ROOMS

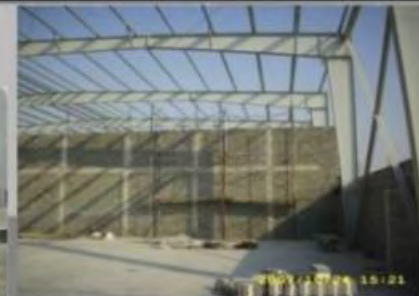


SERVICES:

ARCHITECTURAL
STRUCTURAL AND MEP



(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



W & M ENGINEERING & CONSULTING
DR/HAJER - TEL: 2620206 - FAX: 2620207
P.O. BOX: 2620206 - DUBAI - U.A.E.
E-mail: wmc@wmc.ae
EXPO 2020 QUALITY
Member of the International
Federation of Consulting Engineers



TENDER STAGE

CONSULTANT
WM ENGINEERING



WEM ENGINEERING CONSULTANTS
BR. 404 - TEL. 340206 - FAX. 340207
P.O. BOX 87909 - DUBAI - U.A.E.
E-mail: wem@jaguar.ae

EXPO 2020 
www.expo2020.ae
www.expo2020.com

PLOT NUMBER	REC ID	PLOT AREA (sq. ft.)	MEAS.	AREA PLOT COORDINATES	F.A.C.	NUMBER OF PLANT SPECIES	DATE OF SURVEY	NUMBER OF PLANT SPECIES
APWAS0001	00000001	1577.88	GR=1/5/84	70%	1	8	1/8/84	1/20/2001
APWAS0003	00000003	1577.88	GR=1/5/84	70%	1	8	1/8/84	1/20/2001
APWAS0005	00000005	1577.88	GR=1/5/84	70%	1	8	1/8/84	1/20/2001
APWAS0007	00000007	1577.88	GR=1/5/84	70%	1	8	1/8/84	1/20/2001



TYPICAL PLANS (TOWNHOUSE UNIT)



GROUND FLOOR PLAN



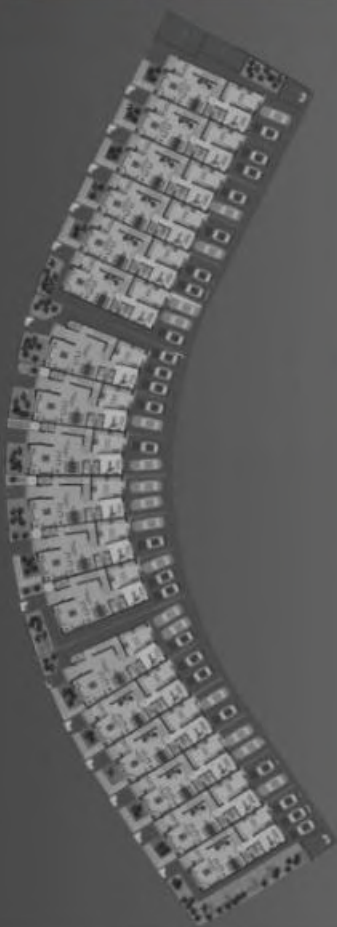
FIRST FLOOR PLAN



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

TENDER STAGE





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.

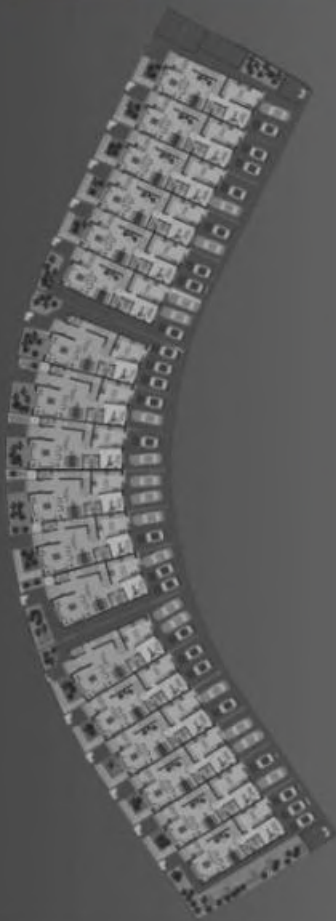


LUXURY HERITAGE STYLE



18 (Gr+2) TOWNHOUSES, JVC, DUBAI

TRAKHEES APPROVED



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



LUXURY HERITAGE STYLE



CONTENTS

1	HISTORY
2	MANAGERS
3	OUR MISSION
4	SERVICES
5	PROCESS
6	RESIDENTIAL INVESTMENTS PROJECTS
7	HOTEL AND OFFICE PROJECTS
8	LABOR ACCOMMODATION PROJECTS
9	INDUSTRIAL AND RETAIL PROJECTS
10	OTHER PROJECTS
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 KOBALSI, Residential building, INTERNATIONAL CITY 3, DUBAI, UAE
REYADH AL KENDI, Residential building, MEZEN, DUBAI, UAE
USAMAH AL KOBALSI, 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, KHARTOOM, 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

MANAGERIAL main staff

NAME	TITLE	PROFISSION	ACADIMIC QUAL	EXPER.	NATION
WISSAM AL SHAIKH	PARTENAR & GM MAIN OFFICE Dir.	S. Architect	M Sc Theory of Architecture	28 years	IRAQ
MOHD AL HOSANI	PARTENAR & PM	CIVIL engineer	B Sc CIVIL	18 years	U.A.E.
ALI AL JOBOURI	ABD branch Director	S. Structure	M Sc CIVIL structure	30 years	HOLAND

ARCHITECTURAL DESIGN main staff

NAME	TITLE	PROFISSION	ACADIMIC QUAL	EXPER.	NAT.
WISAM AL SHAIKH	PARTENAR & GM MAIN OFFICE Dir.	S. Architect	M Sc Architecture	28 years	IRAQ
DANE DAVE	Architect	Architect	B Sc Architecture	4 years	FILIPIN
JAISON PANALILO	S. Architect	Architect	B Sc Architecture	17 years	FILIPIN
ATHEEL ABDULLA	S.INTERIOR DESIGNER	S. Architect	B Sc Architecture	27 years	IRAQ





W&M engineering consultants

UNITED ARAB EMIRATES

UAE- DUBAI - DEIRA- PORTSAEED
ZEENAH BUILDING -M108

TEL : +97142628208
FAX : +97142628207
P.O.Box: 85949 DUBAI
e-mail; wmdxb@eim.ae

ABU DHABI - ALFALAH ROAD
KHALIL AL MAREKI BULG-404

PO BOX:35719 ABUDHABI
TEL: +9712 6722995
FAX: 0+9712 6744451