

Michael Adel Kamal Banoub

P E R S O N A L D A T A

Date of Birth : 23/05/1984
Nationality : Egyptian
Marital Status : Married
Military Status : Exempted
Religion : Christian
Tel. : 00201224966567
Email : Eng_maicheal@yahoo.com



E D U C A T I O N

CIVIL ENGINEERING DEPARTMENT, FACULTY OF ENGINEERING, HELWAN UNIVERSITY

(2007)

Graduated B.Sc. in Civil Engineering

P R O F E S S I O N A L E X P E R I E N C E

Duties include:

- Structural Analysis and Design of Concrete structures.
- Design is according to the Egyptian, American and British Codes and Standards.
- Preparing bill of quantities.
- Preparing workshop drawings for concrete structures.
- Preparing technical reports.

FROM 2007 TO PRESENT

INTERNATIONAL ENGINEERS FOR TECHNICAL CONSULTATION (IETC)

Cairo, Egypt

STRUCTURAL DESIGN ENGINEER.

Major Design Projects worked in include:

1) GIRLS CAMPUS – KING SAUD UNIVERSITY – RIYADH - KINGDOM OF SAUDI ARABIA

King Saud University in Riyadh intends to construct a new campus, a planned community currently under development. All existing faculties in addition to new faculties will be relocated from the current locations in different places in Riyadh, to the new campus. The Campus contains twelve Faculties and sports halls in addition to residential for students and staff, and support facilities.

IETC has been employed by Mohamed El-Sabg as the Structural Engineer for the KSU Facilities, including but not limited to KSU Park and Square, the Academic Facilities, Physical Plant, Library, Campus Center, Student Housing, Staff Housing, Sports Facilities, Spine and Utility Service Tunnel.

IETC Scope of Services is to prepare comprehensive Design Packages for each component of the Project, consisting of structural engineering design documents for the Facilities, based on the approved Master Plan Documents, Project Master Schedule, Construction Budget.

IETC has been employed by Saudi Bin Laden Group (the main contractor of the project) to review the design, redesign and attend to the request for information (RFI) as requested by the Contractor. Also, assigned as a Consultant assistance the technical office on site for all structural issues includes quality assurance, site modifications, etc..

Structural Engineer responsible for:

- Preparation of the detailed structural design drawings.
- Review of design documents and drawings prior to submittal.
- Preparation of detailed technical specification and bill of quantity.
- Preparation of detailed structural calculation notes.
- Design is according to ACI 318-05 .

2) UNIVERSITY OF DAMMAM - NEW CAMPUS ADMINISTRATION- DAMMAM, SAUDI ARABIA

The Campus comprises a number of buildings serving educational, recreational and housing functions. Most of the buildings are low rise reinforced concrete structures. The main structural system of the majority of the buildings is flat slab systems with drop panels. Some other buildings which serve hall areas uses structural framing either from concrete or structural steel

IETC Scope of Work:

Preparation of detailed structural design drawings for the whole project.
Preparation of detailed structural calculation notes for review by the general administration for the project.
Preparation of detailed technical specification and Bill of Quantities

3) MARASSI (SEDI ABD EL-RAHMAN, NORTH COAST) (EMAAR MISR).

The project consists of 25 types of villa, each villa consists of 2 or three floors.

Structural Design Engineer responsible for Greek village (R9-3S) & (R9-2S) & (R9-3SR):

- Preparation of the detailed structural design drawings.
- Preparation of detailed bill of quantity.
- Preparation of detailed structural calculation notes.
- Design is according to ACI 318-05
- Preparation of 3D Model using ETABS program, SAFE model for slabs.

4) MINISTRY OF FINANCE & NATIONAL ECONOMY COMPLEX - KSA

The project consists of many buildings of 6 to 7 floors. The buildings were designed against blast force. Total built up area is around 100,000 m2 our office scope of work is:

- Preparation of detailed structural drawings.
Preparation of shop drawings.
- Preparation of detailed technical specifications and bill of quantities.

Structural Design Engineer responsible:

- **For Building # (11)**
- Preparation of 3D Model using ETABS program, SAFE model for slabs
- Preparation of the detailed structural design drawings
- Preparation of detailed bill of quantity.
- Preparation of detailed structural calculation notes
- Concrete Dimensions Shop drawings for Columns and Foundation

5) CAIRO FINANCIAL CENTER

The project consists of 8 Office Buildings ranging between 16-18 stories. 5 Stars hotel raised to a height of 21 stories

Structural Engineer responsible for:

Preparation of the detailed structural design drawings.

6) GULF HOTEL - ABU DHABI, UAE

Structural Design Engineer responsible:

- Preparation of the detailed structural design drawings
- Preparation of detailed bill of quantity.
- Preparation of detailed structural calculation notes

7) NAJD INTERNATIONAL SCHOOL (SAUDI OGER LIMITED).

Structural design of the Kindergarten building (Precast slabs & beams, design of Cast in situ columns, walls & stairs & drawings:

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program, SAFE model for slabs
- Preparation of the detailed structural design drawings
- Preparation of detailed bill of quantity.
- Preparation of detailed structural calculation notes
- Concrete Dimensions Shop drawings for Columns, Foundation

8) EZZ NEW BILLET CASTER - AIN SUKHNA, EGYPT.

New billet continuous casting machine will be installed in EFS as an alternative to the existing thin slab caster. The capacity of the new caster will be 1 million tons per year of 130*130mm billets. The heat capacity is 185 tons casted in 6 strands with a 9 meters radius.

- Preparation of detailed structural design drawings.
- Preparation of detailed structural calculation notes.
- Preparation of detailed technical specifications and bill of quantities
- Construction supervision

Structural Design Engineer responsible For Auxiliary Building:

- Preparation of 3D Model using SAP 2000
- Preparation of detailed structural design drawings
- Preparation of detailed structural calculation notes.
- Preparation of detailed bill of quantities

9) NATIONAL BANK OF ABU DHABI - HURGHADA - EGYPT

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program.
- Preparation of detailed structural design drawings

10) HOTEL APARTMENTS TOWER (SILIA TOWER) – EL-DAFNA – QATAR

The project is an Hotel apartments.

Located in AL Dafna - Qatar.

The scheme comprises two basements, Ground and Thirty five typical floors.

Plot area is 4200m²

IETC scope of work includes structural design for the Contactor and technical support during construction.

Preparing Workshop Drawings For the Following Projects:

1- MINISTRY OF FINANCE & NATIONAL ECONOMY COMPLEX - KSA

- Building No. (11) (Part 4)
- Building No. (21)
- Gates No. (72a & 72b)

**2- DERIYAH GIRLS CAMPUS, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA
(FROM JUNE 2010 TILL DEC. 2011)**

IETC working as technical office at site for SAUDI BIN LADEN group responsible for :

- Review shop drawing submitted by sub-contractor for the different buildings.
- Make coordination with the other disciplines.
- Prepare daily and weekly progress report.

FROM MARCH 2012 TO PRESENT (PART TIME)

CONCORD AND SAFE ENGINEERING CONSULTING GROUP (CONSAFE)

Cairo, Egypt

STRUCTURAL DESIGN ENGINEER.

Major Design Projects worked in include:

1) ALKHALAF RESIDENTIAL BUILDING – RIYADH - KSA

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program.
- Preparation of detailed structural design drawings

2) EL ABDULKARIM HOLDING – RIYADH – KSA

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program.
- Preparation of detailed structural design drawings

3) MAWTEN COMPOUND PROJECT – RIYADH – KSA

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program.
- Preparation of detailed structural design drawings
- Preparation of detailed structural calculation notes.
- Preparation of detailed bill of quantities.

4)EL- JAZEE TOWER – RIYADH – KSA

Structural Design Engineer responsible:

- Preparation of 3D Model using ETABS program.
- Preparation of detailed structural design drawings
- Preparation of detailed structural calculation notes.
- Preparation of detailed bill of quantities.

5)MR-SAAD EL-HAMALY-COMMERICAL RESIDENTIAL BUILDING – RIYADH – KSA

- Preparation of 3D Model using ETAB program.
- Preparation of detailed structural design drawings.
- Preparation of detailed structural calculation notes.
- Preparation of detailed bill of quantities.

S K I L L S

Computer Skills:

- ETABS
- SAP2000
- SAFE
- ADAPT BUILDER
- AUTOCAD
- WORD PROCESSING
- SPREADSHEETS

Languages:

ARABIC: Excellent written and spoken

ENGLISH: Very good written and spoken

MEMBER OF THE EGYPTIAN SYNDICATE OF ENGINEERS

R E F E R E N C E S

Dr. Magdy Mourad Wahba – IETC Partner

Assist. Professor, Structural Department, Faculty of Engineering, Cairo University

Email: letc@letc.me

Site : www.letc.me

Cell # +20122 2148344