

Holds a B. Sc. in Civil Engineering and has over 4 years of experience in Superstructure building design (concrete building, steel building) proposal preparation, cost estimations, tenders.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/06/1991
Gender : Male

EDUCATION

: B. Sc. in Civil Engineering, Ain Shams University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: CAD applications: AutoCAD, Revit
: Engineering Software: SAP, STAAD, ETABS, SAFE, LIMCON, HILTI
PROFIS ANCHOR, TEDDS, LIMCON, PROKON SP COLUMN, ROBOT

TRAINING COURSES AND CERTIFICATIONS

: Attend many training courses for effective management and efficient communication.
: IELTS English Exam (Academic): Score P(6).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : Dar Al Handasah, Shair and Partners, Cairo
Project : NEW MINISTRIES AT NEW ADMINISTRATIVE CAPITAL EGYPT (CAIRO)
Job title : Structural Site Engineer
Job Description : Structural Site Inspector at two buildings (9B, 10B).

Dates : From Jul. 2015 till Jul. 2017

Employer : Engineering Consultants Group - ECG, Cairo

Job title : Structural Design Engineer

Job Description :

- AL-GABAL AL-ASFAR WASTEWATER TREATMENT PLANT (PHASE II OF STAGE II) (CAIRO): The existing wastewater treatment plant at Al-Gabal Al-Asfar involves two stages, each with two phases. Stage I has a total capacity of 1,000,000 m³/day (500,000 m³/day for each phase). Phase I of Stage II has a capacity of 500,000 m³/day, and it has been in operation since 2005. ECG's scope of work encompasses the design of Phase II of Stage II, with capacity of 500,000 m³/day.
 - Structural design of concrete tank (GAS HOLDER TANK).
 - Structural design of concrete tank (HEATING HOUSE BUILDING).
 - Structural design of concrete tank (THICKENED SLUDGE HOUSE).
 - Structural design of concrete tank (BLOWERS HOUSE BUILDING).
 - Structural design of concrete tank (DIGESTER TANK).
- EMAL ADMINISTRATIVE COMPLEX (KUWAIT, KUWAIT): On a plot area of 68,000 m², the complex comprises 12 buildings, including an administrative building (G + 1), reception building (G + 1), mosque, and ancillary buildings. Designed >>> Structural design of concrete administrative building.
- INFECTIOUS DISEASES HOSPITAL EXPANSION (KUWAIT, KUWAIT): On a total plot area of approximately 46,523 m², the project comprises renovations to an existing administrative building, and the development of the main hospital building (basement for car parking, ground floor, 5 floors, and 2 mechanical equipment floors); a central kitchen building (ground floor); a substation building (ground floor); a plant room (basement and ground floor); and a mosque (ground and first floors) >>> Structural design and full detailing of steel parking sheds.
- AL-MASSA PARK AT THE NEW CAPITAL (CAIRO, EGYPT): The client is developing approximately 25 feddans located at the New Capital. The aim of the development is to construct a high-end, luxurious hotel. The project comprises hotel buildings, chalets, day-use villas and a golf course:
 - Structural design of downtown mosque.
 - Structural design of MASSA mall.
- EXTENSION FOR VINAVID PLANT EGYPT (CAIRO, EGYPT): VINE recently purchased a new area behind the existing tank farm with a road front of 50 m (surface about 50 m x 110 m). With a built-up area of 1,650 m², the new main production area shall comprise a production area; finished products tank farm; six new welded-on-site Inox tanks (90 m³); and external tank farm (two 1,000 m³ tanks and two vertical 150 m³ tanks, along with dike walls, pipe rack, and utility expansion) >>> Structural design of multi story steel warehouse.
- AL-MANARAT SCHOOL CAMPUS IN RIYADH (RIYADH, KSA): Over a land area of approximately 109,523 m², the school comprises seven main buildings: Boys International and Arabic Schools, Girls International and Arabic Schools, KG School, and 2 sports halls, including playground and services areas, in addition to other facilities (cafeterias and service buildings). This project aims at renovating an old building and establishing a new building for the KG stage. ECG's scope covers the validation report, conceptual stage for the new

building, basis of design report, schematic design, detailed design, tender action, contractor awarding, and construction documents >>> Structural design of concrete buildings.

- LIFE STYLE ESTATE ORIANA DEVELOPMENT (PHASE 3) (CAIRO, EGYPT): The project lies within the Oriana Villas gated community. Phase 3 includes a combination of stand-alone villas and twin houses with a total built-up area of 122,541 m². The development comprises 4 types of villas ranging in footprint from 144 m² to 187 m² and occupying 4 sizes of land ranging from 351 m² to 594 m² >>> Structural design of 3 prototype villas, total number of designed villas are 8 villas.
- MOI KAP 5 (GROUP 4) (RIYADH, KSA): The project includes 16 building types distributed over 40 different sites in several locations in Saudi Arabia. With a total built-up area of approximately 125,000 m², the project comprises administrative buildings, security facilities, traffic units, Special Forces units, and police stations >>> Structural design of 5 administrative building.
- ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT HQ AT SMART VILLAGE (CAIRO, EGYPT): On a land area of approximately 9,000 m² and with a built-up area of 21,000 m², the project comprises a three- floor basement, a ground floor, and 5 typical floors >>> Structural design of 4 stories steel cantilever building (24 m length).
- SODIC 31 FEDDANS FOR A RESIDENTIAL PROJECT IN SHEIKH ZAYED (CAIRO, EGYPT): The project is a plot of a gross area of 31 feddans (130,184 m²) close to Mall of Arabia. It consists of various types of buildings, including a health club and swimming pools >>> Structural design of concrete buildings.
- MIXED-USE PROJECT: FOUR SEASONS FIVE-STAR HOTEL (JEDDAH, KSA): The mixed-use development has a total built-up area of 225,000 m². It consists of a hotel (54,668 m²), branded apartments in the SE Tower (15,098 m²), branded apartments in the SW Tower (15,160 m²), branded apartments in the NW Tower (8,002 m²), retail units (35,184 m²), parking area (52,307 m²), and mechanical & refuge floor (14,480 m²):
 - Structural design of swimming pool carried by steel trusses.
 - Structural design of multi story steel linked bridge (30 m span) between hotel & mall.
 - Structural design of concrete elements.
- GIRLS' CAMPUS OF THE ISLAMIC UNIVERSITY IN NIGER (NIAMEY, NIGER): The Government of Niger has allocated a 50,000 m² land for the construction of the girls' campus of the Islamic University in Niger. The total number of students in all specialties is estimated to be 1,500. The campus shall include an administrative building, Faculty of Languages, Faculty of Education, Faculty of Islamic Studies, Faculty of Economic Studies, a G + 2 accommodation building for 1,200 to 1,300 students, G + 2 accommodation building for staff, G + 1 villa for the campus chairperson, a restaurant building accommodating 200 persons, and a mosque (prayer area) of 500 m²:
 - Structural design of concrete buildings.
 - Structural design of steel shed for multi using sport arena.
- KEMA FERTILIZERS PLANT (ASWAN, EGYPT): The fertilizer plant consists of an ammonia production unit, urea melting & granulation unit,

common facilities, interconnecting pipe rack, utilities, and Off-Site Facilities 1 & 2 >>> Revise different steel buildings.

- DESIGN DEVELOPMENT OF CARS CIRCUIT IN KUWAIT (KUWAIT, KUWAIT): The project's total land area is 2,673,797 m². With a total built-up area of 37,168 m², it consists of a pit building (including media and grandstand), race control building, medical center building, karting building, driving academy, and dragster race control, along with an entrance and administration building:
 - Structural design of driving academy.
 - Structural design of race control.
- BEYTI PLANT EXTENSION (CAIRO, EGYPT): The project comprises the design and construction management and supervision of four production buildings and a filling area, each with a ground floor, mezzanine, and a roof, and each with a footprint of 10,750 m². The project also comprises 3 warehouse buildings for raw materials, with a footprint of 5,650 m², along with all electro-mechanical and infrastructure works >>> Structural design of 2 steel warehouse buildings.

Dates : From Feb. 2015 till Jul. 2015
Employer : Al Rafid Group for space truss, Cairo
Job title : Structural Steel Design Engineer
Job Description :

- KING ABDULLAH UNIVERSITY (RIYADH, KSA): Structural design of swimming pool shed (space truss).
- HADITHA BORDER PROJECT (AL-HADITHA, KSA): Structural design of border shed (space truss).

Dates : From Sep. 2014 till Mar. 2015
Employer : Saudi Bin-Laden Group (SBG), Cairo
Job title : Structural Steel Design Engineer
Job Description :

- KING ABDULAZIZ INTERNATIONAL AIRPORT (JEDDAH, KSA):
 - Structural design of steel warehouse (FOAM SHELTER).
 - Railway station:
 - ❖ Structural design of steel structures.
 - ❖ Structural design of underground retaining walls.
 - Structural design of 6 steel one storey buildings (CHECK IN COUNTER).
 - Structural design of waste processing steel buildings.
- KING ABDULLAH BIN ABDULAZIZ PROJECT 3RD OF HOLY HARAM MAKKAH AND SURROUNDING AREAS (MEKKAH, KSA): Structural design of steel shamyah utility culvert.
- KINGDOM TOWER (JEDDAH, KSA): Structural design of steel tower cranes bases (LIEHBERR & WOLFFKRAN).

Skills:

- Writing reports and proposal.
- Conducting project kick-off, project progress and design support meetings.
- Acting as liaison between project teams (including clients).
- Technical papers presented at various fora.

- Excellent presentation skills.