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No of Dependents: 4

Date of Birth: 21/12/1979

Military Service: Completed

Name: Yasser Hussein Gad Mahmoud

Religion: Muslim

Current Position: Sr. Technical Office Engineer & Sr. Quantity Surveyor  
(Roads, Highways, Infrastructures)

Country of Residence: Egypt

Driving License: (Egyptian & Saudi)

Permanent Address: 📍 Cairo, Egypt, AbuZabal Elbalad, East of Railway

Qualification: BEng, Bachelor of Civil Engineering,  
Faculty of Engineering (Shoubra Branch), May 2002



## PROFILE

- Having 15 years of experience as Senior Technical Office Engineer & Sr. Quantity Surveyor, more than 8 years in the Middle East, Specifically in Saudi Arabia & Qatar, Working in (Roads, Highways, Infrastructures) Projects.
- Working in the Design & Development of Infrastructure Projects Including (Roads, Gradings, Parking Areas, Detailed Junctions & Roundabouts, Gravity / Pressure Pipe Network, Utilities).
- Having Very Strong Experience in Roads Designs Using Design Software Civil 3d (2010-2018), Preparing and Reviewing the Detailed Geometric Designs Including (Rural Highways "Freeways with Interchanges, Intersections", Urban Roadways (Arterials, Collectors & Locals) Conforming to (AASHTO) Standards.
- Working with Site design which involves grading design (setting elevations for the designed facilities (Parking lots, ponds) and Storm design which has to do with collecting the rainfall & conveying it to a safe Location via connected pipe network, also working also with Residential design using Civil 3d Techniques to perform the laying out of lots using parcel tools, performing lot grading.
- Having Very Strong Experience & Mathematical Skills in Quantity Surveying, Preparing / Reviewing Monthly Payment Certificates as per Contract, BOQ & Geometric Drawings, (working with BOQ, Tender Drawings, Specifications, Contract Types, Qty Take off, Variations Orders, Claims and Payment Certificates, Cost Estimate),
- Working also with Both GPS' Trimble (RTK & Static) / Total Stations, Managing & Assigning the Survey Crews, providing them with all the Required Data needed for the Setting out & other surveying tasks.

## EXPERIENCE

### • ATKINS (Jan 2016 – Jan 2018), Qatar

#### • Sr. Surveying Engineer & Sr. Quantity Surveyor

- **Project:** LRDP (Local Roads & Drainage Program), (C2 Contract), GEC-Doha West-DW013, Roads Infrastructures in Al Sailya North of Salwa Road.
- **Client:** PWA, (Public Works Authority) ASHGHAL.
- **Duties and Responsibilities:**
  - Working in the Design & Construction of (Roads & Infrastructures) in Doha Industrial area Covering a network of Urban Roadways, The Scope of Work Includes (Roads, Gradings, Parking Areas, Junctions & Roundabouts, Storm Water & Potable Water Network, Utilities).
  - Preparing / Reviewing the Detailed Geometric Designs of the Assigned Urban Roadways (Arterials, Collectors & Locals' Roads) Conforming to PWA (ASHGHAL Standards) & QHDM (Qatar Highway Design Manual) Standards.
  - Working with IR's for Daily Working Activities, RFI's, Method Statement Regarding All Discipline's (Surveying, Roads, and Drainage).
  - Revising all The Submittals (Shop Drawings) for all activities regarding Assigned Roads' (Alignments, Profiles, and Cross Sections), Drainage Works (Ground Water, Surface Water, Foul Sewer, Micro Tunneling, Gullies.) & Utilities (Electrical, Oreedo, Street Lighting & Crossing Ducts).
  - Reviewing the BOQ' Items as per the Contract drawings & Specifications, carrying out the Quantity Take Off as per Approved Shop drawings, Site' Condition & the standard measurements' methods (CESMM3) for all (Roads, Infrastructures & Landscaping Works), Assessing the cost effects on the project's Budget in case of any variation order / Claims.
  - Leading, Supervising & Assigning the Land Surveyors Engaged in Roads, Drainage & Utilities Survey Workings, Providing Them with All the Required Data Needed for The Completion of Their Works, Assessing the Establishment of the Traverse Control Points & Figuring out the Needed Traverse' Corrections.
  - Attending Weekly/Monthly meetings with the Owner, PMC & Contractor's Representatives Discussing Project progress.

- **Al-Joaib Consulting Engineering Mar, 2015-Dec, 2015, Saudi Arabia, (Egypt's Branch)**

- **Sr. Highways Design Engineer**

- **Project:** King Fahd Industrial Port Infrastructures Project (KFIP) at Jubail Industrial City, (Roads & Infrastructures Project).
- **Client:** Saudi Royal Commission for Jubail & Yanbu.
- **Duties and Responsibilities:**
  - Undertaking the Detailed Geometric Designs of the Assigned Urban Roadways (Arterials, Collectors & Locals') Conforming to AASHTO & Saudi Royal Commission Design Standards.
  - Preparing / Reviewing the Alignments, Profiles & Cross Sections, Reviewing the Technical Specifications as per the Contract, Performing Cross-Check with other Disciplines (Drainage, Land Scene & Utilities).
  - Analyzing any Conflict between Roads Geometric Design and the Gravity / Pressure' Pipe Network Designs (Storm / Sanitary Sewer) & Proposing Solutions, Also Carrying out the Required Grading as Per Drawings.
  - Reviewing the BOQ' Items from the Design Drawings, Standard Specifications & Contractual Agreements, carrying out / preparing the Quantity Take Off as per approved Shop Drawings, Standard Measurements Methods for All The (Roads, Infrastructures & Landscaping) Works.
  - Assisting in Preparation of the Tender Documents (Roads' Geometric Drawings, BOQ' Items), carrying out the Cost Checks & Providing Support and Assistance to the Cost Estimation Team.
  - Interpreting / Processing all the Topographic & Geodetic Survey Data into the Drawings.
  - Providing Technical advice & Guidance on all Discipline Aspects.

- **SHIBH Aljazeera Co. (SAJCO), Oct, 2012-Dec, 2014, Saudi Arabia, Riyadh**

- **Technical Office Manager**

- **Project:** Asphaltting of Eastern & Western Riyadh' Urban Roadways Projects.
- **Client:** (Riyadh Municipality).
- **Duties and Responsibilities:**
  - Undertaking all Design works Relating to the Assigned Urban Roadways Including (Geometric Layouts, Parking Design, Horizontal & Vertical Alignments, Site Grading, Traffic Signing and Road markings Drawings) Conforming to Riyadh Municipality Standards & having their Approvals.
  - Reviewing all the Contract Documents, Checking the BOQ' Items in Details as per the Contract drawings, Specifications & Projects' Contract. Analyzing any Conflict between the Items' Quantities in the BOQ & What's in the Drawings.
  - Preparing / Finalizing the Quantity Take Off Measurements as per The Approved Shop drawings, Standard Measurements Methods & as per Progress on Site for All the (Roads, Infrastructures & Landscaping Works).
  - Prepare / Assess the Monthly Payment Certificates for Both the Company & Sub-Contractors, Also Assess the Cost Effects on The Project's Budget Against any Variation Order/Change Request or Claims.
  - Supervise / Guide the Technical Office Team to ensure that the work is of the required quality.
  - Revising / Submitting all the (Shop Drawings) for all activities regarding Assigned Roads' (Alignments, Profiles, and their Cross Sections) for Later approval.
  - Assigning the Site' Survey Crews Engaged in Making the Surveys for Roads Construction & Providing Them with all the Required Data Needed for The Setting out & other surveying tasks.
  - Managing the Handing Over Phase, Reviewing the Final as Built Shop Drawings, Survey & Quantities.
  - Liaising with Client's, Consultant's and subcontractor's Representatives for Project's Progress.

- **ALHARBI Holding Co. (Jun 2010 – Jul 2012), Saudi Arabia, Riyadh & Mecca**

- **Sr. Technical Office Engineer**

- **Project:** Safwa-Rahima Highway Project, 4<sup>th</sup> Ring Road with Jeddah-Mecca Road Interchange, Okkaishya Road Intersection (Cloverleaf).
- **Client:** Saudi Arabia Ministry of Transport (MOT) & Mecca Municipality.
- **Duties and Responsibilities:**
  - Preparing / Reviewing the Detailed Geometric Designs of the Assigned Roads (Rural Highways, Interchanges and Cloverleaf Intersection) Conforming to the Saudi Ministry of Transport & Mecca Municipality Standards.
  - Preparation of Geometric Layouts, Alignments & Profiles, Cross Sections, Detailed Junction & Roundabout design.
  - Reviewing all the Contract Documents, Checking the BOQ' Items in Details as per the Contract drawings, Specifications & Projects' Contract. Analyzing any Conflict between the Items' Quantities in the BOQ & What's in the Drawings.
  - Preparing / Finalizing the Quantity Take Off Measurements as per The Approved Shop drawings, Standard Measurements Methods & as per Progress on Site for All the (Roads, Infrastructures & Landscaping Works).
  - Prepare, Monitor and Verify the Monthly Payment Certificates for Both the Company & Subcontractors, also Assessing Any Claims, V. O'S (Variation Orders) against the Project" Budget.
  - Carrying Out the Feasibility Study Needed when Tendering for New Projects to Estimate Their Quantities.
  - Providing the Field Survey Crews with the Required X-Sections Needed for The Setting out on Site.
  - Carrying Out the Handing Over Phase' Procedures, liaising with the Site Team to Prepare / Produce the Final as Built Shop Drawings, Survey & Final Reviewed Quantities.

- **E.C.G Engineering Consultants Group S.A, Oct, 2008-Jun, 2010, Egypt, Cairo**

- **Technical Office Engineer**

- **Project:** Madinaty Project (Residential Project).
- **Client:** Egyptian Ministry of Housing.
- **Duties and Responsibilities:**
  - Revising All the Submittals (Shop Drawings) For All Activities Regarding Assigned Roads' (Alignments, Profiles, And Cross Sections) & Also Drainage Works and Utilities.
  - Reviewing the Detailed Geometric Designs ((Plans / Profiles & X-sections) of the Assigned Urban Roadways (Arterials, Collectors & Locals'), Detailed Roundabouts & Junctions)
  - Working in Reviewing the Surveying Data / Observations against the Approved Shop drawings.
  - Interpreting / processing All the Topographic & Geodetic Survey Data into the Drawings & Resolving any Conflicts.
  - Carrying out The Quantity Take Off Measurements as per The Approved Shop drawings, Standard Measurements Methods & as per Progress on Site for All the (Roads, Infrastructures & Landscaping Works) at Site as per mentioned in the BOQ.
  - Checking / Assessing the Land Surveyors 'Team Engaged in The Survey Wok for Roads, Drainage & Utilities' Construction Phases.
  - Conducting Audit Checking on Site against Roads & Drainage' Designs, Assisting Project Manager on all the Project Phase.
  - Liaising with Client's, subcontractor's Representatives for Project's Progress.

- **Mutlaq Al Ghowari Co, Jan, 2006-Jul, 2008, Saudi Arabia, Hail**

- **Technical Office Engineer**

- **Project:** Roads Projects: (Moqaq - Hafeer Link 1 "30 Km), (Hamima - Oqla Bin Gibreen Link 2 "70 Km).
- **Client:** Saudi Arabia Ministry of Transport (MOT).
- **Duties and Responsibilities:**
  - Preparing / Reviewing the Detailed Geometric Designs of the Assigned Roads Conforming to AASHTO / Saudi Ministry of Transport 'Design Standards.
  - Preparing / Drafting the (Plans/Profiles)'Sheets &Their Subassemblies (Cross Sections from Earth Work Program) for Later Approval from different Authorities.
  - Reviewing all the Contract Documents, Checking the BOQ' Items in Details as per the Contract drawings, Specifications & Projects' Contract, Analyzing any Conflict between the Items' Quantities in the BOQ & What's in the Drawings.
  - Preparing / Finalizing the Quantity Take Off Measurements as per The Approved Shop drawings, Standard Measurements Methods & as per Progress on Site (Requests) for All the (Roads, Infrastructures & Landscaping Works).
  - Preparing / Assessing the Monthly Payment Certificates for Both the Company & Sub-Contractors, Also Assessing any Claims, V. O'S (Variation Orders).
  - Carrying Out the Feasibility Study Needed for Any Upcoming New Bids to Estimate Their Budget.
  - Leading, Assigning & Managing the Field Survey Crews Engaged in Making the Surveys for Roads Construction & Providing Them with All the Required Data Needed for The Completion of Their Works.
  - Prepare / Produce the Final as Built Shop Drawings & Reviewed Quantities for the Handing Over Phase.

- **Arabco Construction Co, Jan, 2004-Jan, 2006, Egypt, Cairo**

- **Surveying & Technical Office Engineer**

- **Project:** Beverly Hills' Roads at 6th October, MSA (Modern Sciences Arts University)' Roads, Other Roads Based Projects at New Cairo City.
- **Client:** Various Clients.
- **Duties and Responsibilities:**
  - Carry out the Sit / Office Works for the Assigned Roads Including Surveying Tasks (Setting out, Layout).
  - Assessing the Establishment of the Traverse Control Points (Closed / Link) & Giving the Traverse' Corrections Needed either by (Bowditch / Transit Rule) Methods.
  - Checking the Geometric Design for the Assigned Roads' (Plans/Profiles) & Submitting alternative Proposals till reaching the best Design Approach.
  - Reviewing the Surveying Data / Observations against the Approved Shop drawings.
  - Instructing and Training the Survey Crew in Survey and Mapping Methods & in use of Equipment, and Field Safety Procedures.
  - Prepare / Review the Qty Take off Measurements as per The Design Drawings & Site Condition for All the Roads & Landscaping Works.
  - Prepare / Produce the Final as Built Shop Drawings & Reviewed Roads Quantities for the Handing Over Phase.

## EDUCATION & CERTIFICATES



- (Sep 1997-May 2002)** Bachelor of Civil Engineering, Faculty of Engineering (Shoubra Branch), Banha University, Egypt
- (Sep 2017-Dec 2017)** CCP (Certified Cost Professional), American University in Cairo (AUC), (60 PDUs) with GPA 3.70.
- (Sep 2016-Dec 2016)** Project Management Professional (PMP), MMTI, Doha Qatar, (40 Hours).
- (Jan 2001-Mar 2002)** The Advanced Phase of the American Language Course, Ministry of Defence Language, Institute (MODLI), 12 Levels with Excellent Grade, Egypt.

## Outstanding Computer Skills IN



- \*Civil 3D (2010-2018)**
- \*ArcGIS 10.5 Desktop for Spatial Data Analysis**
- \*Office Package (Excel-Access-Word-Outlook, PowerPoint-MS Project)**
- \*InfraWork 360 2018**
- \*EWXP (Earth Work XP (Qty Calc Software))**
- \*AutoCAD (2D, 3D)**
- \*GPS Trimble R6 for Both (RTK (Real Time Kinematic) & Static Modes) and Total Stations**
- \*Trimble Business Centre, Pathfinder Surveying Software**

## MEMBERSHIPS



The Egyptian Engineers Syndicate & the Saudi Council of Engineers.

## REFERENCES



Available Upon Request.