

# ANVERDEEN MOHAMED NUSRATH

## MEP DRAFTSMAN (Transferable Iqama)

### Contact Details



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NEOM, KSA



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Membership ID- 1049774

### Performance Summary

More than 13 years' experience including 5 years of Gulf (SAUDI ARABIA) Experience (Civil & MEP), highly motivated professional Draftsman dealt in Pre & Post contract stages in various projects which includes High Rise School Buildings, Villa, Bridge, Culvert, Retaining Wall, Road (Highway), Pipe Laying and Plant Mechanical Pipe (GI,DI,HDPE) Insulation development Projects, Interior Fit Out & (HVAC System, Plumbing & Drainage, Electrical, Fire Fighting, Communication Items, Structure, Architecture, Landscape projects. Familiar with quantity takeoff, Design Drawing, Shop drawing and AS built Drawing work by Auto Cad, Plan Swift and cut and fill quantity estimations using Civil 3D etc. An enthusiastic member with excellent communication, organizational, team player, work under pressure and multitasking skills.

### Skills

- Civil 3D
- AutoCAD
- Quantity Take Off
- X-REF
- AutoCAD Autolisp
- Technical Drawing
- Site Planning
- Blueprints
- Problem solving
- Shop drawing
- As Built drawing
- Architecture & Structure
- MEP Drawings.

### Computer Proficiency

- Operating Systems: WINDOS 11
- Adobe Photoshop
- Other systems- MS-Office Tools & Internet.
- Windows Installation
- Software Installation

### Work Experience

#### JAN 2025 – UNTIL NOW-(NEOM) SAUDI ARABIA (SATCO)



SAUDI ARABIAN TRADING & CONSTRUCTION COMPANY. (SATCO)  
**MECHANICAL, ELECTRICAL, PLUMPING & CIVIL- DRAFTSMAN**

PROJECT: Container Camp Building Systems, Roads, Infrastructure MEP Works.  
Neom Residential Community 9 (NRC 9)

- CONSULTANT: V3 MIDDLE EAST – ENGINEERING CONSULTANTS
- CLIENT: TAMASUK INVESTMENTS COMPANY

#### JUN 2024 – JAN 2025 – (JUBAIL) SAUDI ARABIA (SATCO)



SAUDI ARABIAN TRADING & CONSTRUCTION COMPANY. (SATCO)  
**MECHANICAL, ELECTRICAL, PLUMPING & CIVIL- DRAFTSMAN**

PROJECT: Roads, School Buildings and Infrastructure MEP Works, Royal Commission for Jubail & Yanbu Directorate General Project.

- CONSULTANT: BECHTEL ENGINEERING, CONSTRUCTION & PROJECT MANAGEMENT
- CLIENT: ROYAL COMMISSION JUBAIL & YANBU

#### JAN 2024 – JUN 2024 – (RIYADH) SAUDI ARABIA (CHEC)



CHINA HARBOUR ENGINEERING COMPANY LIMITED.

**TELECOMMUNICATION / MECHANICAL, ELECTRICAL, PLUMPING DRAFTSMAN**

PROJECT: Roads, Drainage, Buildings and Infrastructure, Telecommunication, MEP Works  
ROSHN - SEDRA PHASE 3&4Project,

- CONSULTANT: SAUDI ARABIAN PARSONS LTD.
- CLIENT: ROSHN REAL ESTATE COMPANY (RRE)

#### JAN 2020 – NOV 2023 – SRI LANKA (EGIS)



EGIS INTERNATIONAL CONSULTANT- SRI LANKA

**CIVIL DRAFTSMAN / ASSISTANT QUANTITY SURVEYOR**

PROJECT: Roads, Bridge, Culvert, retaining wall, Drainage, Building and Infrastructure IROAD  
Project-Package TR-01,02,03

- CONSULTANT: EGIS INTERNATIONAL CONSULTANT
- CLIENT: ASIAN DEVELOPMENT BANK (ADB)

#### FEB 2018 – DEC 2019 – SRI LANKA



TUDAWWE BROTHER'S (PVT) LTD.

**INFRASTRUCTURE DRAFTSMAN**

PROJECT: Roads, Bridge, Culvert, retaining wall, Drainage, Building and Infrastructure IROAD  
Project.

- CONSULTANT: RESOURCES DEVELOPMENT CONSULTANT
- CLIENT: ASIAN DEVELOPMENT BANK (ADB)

#### NOV 2015 – JAN 2018 – SAUDI ARABIA (JUBAIL) (SATCO)



SAUDI ARABIAN TRADING & CONSTRUCTION COMPANY.

**TELECOMMUNICATION / MECHANICAL, ELECTRICAL, PLUMPING & CIVIL- DRAFTSMAN**

PROJECT: Roads, School Buildings and Infrastructure MEP Works, Royal Commission for Jubail & Yanbu Directorate General Project.

- CONSULTANT: BECHTEL ENGINEERING, CONSTRUCTION & PROJECT MANAGEMENT
- CLIENT: ROYAL COMMISSION JUBAIL & YANBU

#### DEC 2011– OCT 2015 – SRI LANKA



TUDAWWE BROTHER'S (PVT) LTD.

**INFRASTRUCTURE & CIVIL - DRAFTSMAN**

PROJECT: Roads, Bridge, Culvert, retaining wall, Drainage, RDA Building and Infrastructure.  
Rehabilitation & Improvement on Road (AA006) From 167+280 km to178+000km Duties Project.

- CONSULTANT: ROAD DEVELOPMENT AUTHORITY
- CLIENT: WORLD BANK FUNDED PROJECT

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## **EXPERIENCED JOB PROFILE**

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### **Building Construction and Infrastructure**

- Created detailed designs for residential, commercial and industrial projects.
- Site co-ordination with other Civil, Electrical & Mechanical services.
- Utilizing External References (Xrefs) in AutoCAD.
- Architectural, structural, and Telecommunication service drawings coordinated together.
- Effectively utilized CAD software to produce technical drawings for Mechanical, Electrical, and Plumbing services.
- Quantities take off from design Auto Cad drawings (Civil and MEP).
- The content discusses the preparation of various drawings such as drainage, water, lighting, power, and schematic diagrams for different systems and layouts in construction projects.
- Plan, section, and elevation shop drawings are being prepared from tender drawings.
- As-built and shop drawings for all disciplines, including Plumbing, Mechanical, Piping, and Electrical, are prepared.
- Prepared blueprints and plans for submission.
- Extensive experience in Civil Drafting with good command over AutoCAD with good communication skills and proven ability to work both independently and team environment.
- Review and certify for Contractor submit design drawings and quantity, As built drawings.
- Preparation of computer aided drawings related to structural construction and outfitting of new building projects as detailed in client's specification.

#### **Storm Water Drafting Experience**

- **Preparations of Drainage Plans and Layouts:**

Developing detailed drawings for storm water drainage systems, including catch basins, manholes, pipes, and channels.  
Creating site plans indicating existing and proposed storm water infrastructure.  
Ensuring compliance with local codes and standards.

- **Design Detailing:**

Drafting precise sections, elevations, and details of storm water structures.  
Including specifications for pipe sizes, materials, slopes, and flow directions.  
Incorporating grading plans to ensure proper runoff flow.

- **Coordination with Civil and Structural Teams:**

Collaborating with engineers to incorporate design modifications.  
Ensuring drainage design integrates seamlessly with other infrastructure like roads, utilities, and buildings.

- **Use of Drafting Software:**

Proficient with AutoCAD, Civil 3D, or similar software for creating accurate and clear drawings.  
Managing layers, annotations, and details for clarity and precision.

- **Site Inspection and Data Collection:**

Assisting in gathering site survey data to inform accurate drawings.  
Updating plans based on field conditions or revisions.

- **Clash and Interference Checks:**

Verifying that storm water infrastructure does not clash with other utilities or structures.  
Revising resolve conflicts before construction.

- **As-Built Drawings:**

Producing final "as-built" drawings post-construction for record purposes.

## **Road Construction and Infrastructure Work**

- Existing Road Utility Drawings are detailed.
- Creates survey data documents and topographical drawings.
- Coordinate and level drawings and surveyor data work; measure ties for control points; assist the quantity surveyor division in creating monthly bills.
- Prepared Pavement Design Report Makes Road Design Horizontal Alignment and Vertical Alignment Design cross sections. Verifies road design structure drawings.
- Design Culvert drawings work (Causeway and bridge drawings, shop drawings & quantity, Hume pipe culvert, Hume pipe encasement culvert, slab culvert, and box culvert).
- Culvert quantity measuring sheet, including quantity of concrete, form work, excavation, backfill, reinforcement, and road items, among other elements.
- The preparation of road layouts, typical details, pavement markings and signage, a road cross section detailing, report preparation, and document preparation.
- Key plan, road plan and profile detailing; typical cross sections; junction designs for marking, signs and signalizations; road furniture drawings; existing road utility drawings; works for carriageway, shoulder and pavement, pavement and drain.
- Road signs, median openings, service road openings, truck bays, bus bays, bus shelters, crash barriers, delineators, minor intersections, and curb stones are all detailed.
- Using sketches or notes, create detailed drawings and draft plans for various construction projects, including dikes, sewage disposal systems, and highways.
- Verifying contractor invoices and preparing construction drawings for civil projects. Creating detailed structural shop drawings based on project design and site specifications for consultant approval.
- Final soft copy submission with AS-BUILT drawings at project's conclusion.
- Obtain the information needed to update construction designs by supervising or carrying out field surveys, inspections, or technical investigations.

### **Duties and responsibilities for Bridge, Culvert and Retaining Wall Project:**

- Take off quantities for Reinforcement, Concrete, formwork & other work etc. from Auto cad drawings. to 05 Bridges.
- Overall Construction preparing drawings of 05 Bridges soft drawings,
- Prepared drawing for Earth Quantity Calculation, form work drawing, Coordinate drawing, for Abutment, Pier, Piling, Culvert, retaining wall, bar shape & measurement, concrete, formwork quantity & drawings for reinforcement cutting and bending measurement & quantity give to bar bender and As – Built Drawing work,

### **Duties and responsibilities for Road Project:**

- Take of Qty for this Items, Prepare of Quantity Measurement sheet for Interim Payment Application from Design Drawing (To Road Items Qty Clearing & Grubbing, Roadway Excavation Road Pavement Excavation, Sub Grade in cut area, Channel Excavation, Structure Excavation, Embankment Type I & II, Trimming Level, Sub Base, Scarifying of Existing base, DGAB, Earth Shoulder, Prime Coat MC 30, Blotting material, Tack coat Using CRS1, Asphalt Wearing Course, Asphalt Wearing, Asphalt Regulating course, Concrete pavement, Drainage Structure Concrete, formwork, Reinforcement Quantity & Bar bending shape schedule work etc. Design drawing, As built drawing work for Horizontal Alignment, Vertical Alignment, Initial Cross Section, Design Cross Section etc,

### **Professional Educational Qualification**

- National Apprentice and Industrial Training
- Authority (TVEC) - Engineering Draftsperson.
- Completed Professional Diploma in Computer Aided Design.
- Completed Cadd Center (SLIIT)- Certificate Auto-Cad Civil-3D.
- Completed Certificate of Construction Technology.
- Completed Sri Sobitha Vocational Training Institute-Diploma in Computer Science
- Completed Certificate of Proficiency in English (Construction Industry).
- Completed Bachelor of Science Information Technology

Here by certify that above mentioned facts are true and accurate to best of my knowledge.

Mohamed Nusrath