




NOUR ELDEEN WAEI

Civil Engineer | Technical Office & Site Engineering | Infrastructure & Construction Projects

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Results-driven Civil Engineer with 3+ years of experience in infrastructure and construction projects across Egypt and Saudi Arabia. Skilled in technical office operations, shop drawings, quantity surveying, and traffic management planning in compliance with Saudi standards. Experienced in delivering large-scale government infrastructure projects with strong focus on accuracy, coordination, and timely approvals. Proven ability to manage complex workflows, coordinate with consultants and stakeholders, and ensure seamless execution between design and site implementation.

Experience

Technical Office Engineer – Infrastructure Projects (Site Coordination)

Civil Works Company – Riyadh, Saudi Arabia

04/2024 – Present

Project: Green Riyadh Project – Royal Commission for Riyadh City (RCRC)

Project Value: SAR 503 Million | Scope: 150 km Irrigation & Infrastructure Network

Responsibilities:

- Prepared and reviewed detailed shop drawings for irrigation and infrastructure networks ensuring full compliance with project specifications and engineering standards.
- Developed traffic detour and diversion plans for excavation and microtunneling works in accordance with Saudi Code 305.
- Coordinated with consultants and stakeholders to secure approvals and resolve technical issues efficiently.
- Conducted quantity takeoffs and supported cost control and subcontractor payment certification processes.
- Monitored site execution to ensure alignment between approved drawings and actual construction progress.

Key Achievements:

- Managed shop drawings for 120+ km pipeline network with high accuracy and timely submission.
- Reduced approval turnaround time by 20% through effective coordination and tracking system.
- Coordinated with 5+ stakeholders including consultants, contractors, and project teams.

Site Engineer Trainee – Finishing Works

Mohammed Alioua General Contracting Company – Egypt

2022 – 2023

Responsibilities:

- Assisted in supervising finishing works across multiple construction projects ensuring quality and schedule compliance.
- Coordinated with subcontractors to ensure efficient execution of finishing activities.
- Interpreted technical drawings to support accurate site implementation.
- Prepared progress reports for monitoring and documentation.
- Supported engineers in resolving site execution issues.

Site Engineer Trainee – Concrete & Steel Works

The Arab Contractors Company – Egypt

2021 – 2022

Responsibilities:

- Supervised concrete and reinforcement works according to structural drawings and engineering standards.
- Monitored site activities ensuring compliance with safety and quality requirements.
- Assisted in reviewing structural drawings and verifying implementation accuracy.
- Coordinated with site teams to maintain workflow efficiency.
- Prepared technical reports and documentation for project support.

EDUCATION

Bachelor of Civil Engineering

MTI University – Egypt

Graduated: 06/2023

CERTIFICATES & TRAININGS

- AutoCAD Professional Training – 2022
- Autodesk Civil 3D (Advanced – Infrastructure Applications) – 2023
- Quantity Surveying & Cost Control – 2023
- Temporary Traffic Control & Detour Planning (Saudi Code 305) – 2024

CAREER SKILLS

- **Technical Office Management:** Shop drawings, RFIs, submittals, and document control.
- **Infrastructure Coordination:** Managing communication between consultants, contractors, and stakeholders.
- **Traffic Management Planning:** Designing detours and traffic control systems.
- **Quantity Surveying & Cost Control:** BOQs, measurements, and financial tracking.
- **Site Execution Support:** Ensuring compliance between design and implementation.

PERSONAL SKILLS

- Strong Communication Skills
- Problem Solving Ability
- Time Management
- Attention to Detail
- Team Collaboration

SOFTWARE SKILLS

- AutoCAD (Advanced)
- Autodesk Civil 3D (Advanced – Infrastructure Applications)
- Microsoft Office (Advanced Excel)
- SAP
- Google Workspace