

Ahmed Mansour

Experienced Technical Office Engineer with over 7 years of Experience and over 4 years of specialized expertise in Roads and Landscape Projects. Demonstrates strong capabilities in preparing detailed shop drawings, quantity take-offs and technical submittals, with a solid understanding of both design and site execution. Combines in-depth knowledge of construction engineering with hands-on experience supporting site teams, ensuring alignment between design intent and field implementation. Proficient in coordinating with consultants, suppliers, and subcontractors to ensure high-quality, on-time project delivery. Skilled in AutoCAD, Civil 3D, and MS Office, with a strong foundation in civil and infrastructure standards.

Work Experience

Technical Office Engineer, Farag Sultan Contracting and Transportation Establishment

Jun 2021 - Jul 2025

Projects Location:

1. **SODIC East New Heliopolis Project, El Shorouk**
 - Owner: **SODIC East Real Estate Development Company.**
2. **Aliva Mountain View Project, Mostakbal City**
 - Owner: **Mountain View.**

Key Responsibilities:

- Prepare and review shop drawings, as-built drawings, and coordination drawings for roads, paving, curbstone, signage, landscape hardscape, and softscape elements.
- Conduct quantity take-offs and prepare BOQs based on approved drawings and specifications.
- Review project drawings, specifications, and contract documents to ensure compliance with technical requirements.
- Coordinate with site engineers and construction teams to ensure accurate implementation of designs.
- Assist in material submittals, method statements, and technical documentation.
- Track and manage RFIs, transmittals, and approvals from consultants or client representatives.
- Attend technical meetings and provide engineering support during project execution.
- Ensure adherence to quality, safety, and environmental standards on all engineering activities.
- Support project planning and scheduling activities with technical inputs.

Contact

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[Github](#) | [Portfolio](#) | [Linkedin](#)

Skills

Engineering & Design Software

- AutoCAD (2D & 3D)
- Autodesk Civil 3D
- Revit
- Sokkia Surveying Programs

Project Management & Documentation

- Microsoft Office Suite (Excel, Word, PowerPoint)
- Microsoft Project / Primavera P6
- Document control

Technical Engineering Skills

- Preparation of Shop Drawings & As-Built Drawings
- Quantity Surveying & Take-Offs
- Material Submittals & Technical Reports
- Method Statement Preparation
- RFI & Transmittal Management
- Knowledge of construction codes and standards

Site & Construction Knowledge

- Roads and Infrastructure Detailing (pavement layers, curbstones, road marking, signage)
- Hardscape Works (paving, interlock, street furniture)
- Site Execution Coordination & Technical Support
- Construction Sequence Planning
- QA/QC Coordination and Inspection Support

Consulting Engineer, Housing And Building National Research Center

Jul 2020 - May 2021

Projects Location:

1. Social Housing Project in District 14, New Obour City

- Owner: **Urban Communities Authority**

Key Responsibilities:

- Supervise and monitor construction activities to ensure they are executed in accordance with approved drawings, specifications, codes, and client requirements.
- Review and approve contractor submittals, including shop drawings, materials, method statements, and technical queries.
- Conduct regular site inspections and quality checks to verify compliance with design, workmanship standards, and safety regulations.
- Issue site instructions, non-conformance reports (NCRs), and observation reports when deviations from approved documents or quality standards are observed.
- Evaluate and monitor the contractor's construction schedule, and report delays, risks, and required corrective actions.
- Oversee testing and commissioning processes to ensure that materials and systems meet project specifications and quality standards.
- Maintain accurate records of inspections, site activities, correspondence, and approvals.
- Assist with snagging, de-snagging, and final handover procedures, ensuring that all works are completed to satisfaction.
- Ensure that health, safety, and environmental (HSE) practices are implemented and maintained throughout the construction phase.

Executive Engineer, El-Masrawyeh Building & Construction

Mar 2019 - May 2020

Projects Location:

1. R2 Residential Districts, New Administrative Capital (NAC)

- Owner: **Engineering Authority of the Egyptian Armed Forces**

Executive Engineer, Al-Maraj Building & Construction

Apr 2018 - Feb 2019

Projects Location:

1. R1 / R2 Residential Districts, New Administrative Capital (NAC)

- Owner: **Engineering Authority of the Egyptian Armed Forces**

Key Responsibilities:

- Lead and manage the execution of building construction projects from planning to completion, ensuring compliance with design specifications, budget, and schedule.
- Coordinate with consultants, contractors, suppliers, and stakeholders to ensure smooth project execution and effective communication across all phases.
- Review and approve structural, architectural, and MEP drawings and specifications before and during execution.
- Supervise site activities to ensure compliance with approved drawings, construction standards, and quality control procedures.
- Evaluate contractor performance, quality of workmanship, and adherence to contract terms.
- Oversee the preparation and review of material submittals, method statements, and work programs.
- Prepare and present progress reports, cost updates, and project status to senior management or client representatives.
- Ensure accurate documentation of all project records, including site reports, test results, approvals, and correspondence.

Educational Background

- **Bachelor of Civil Engineering**
- **Higher Institute of Engineering and Technology in Kafr El Sheikh**

Languages

- Arabic (Fluent)
- English (Proficient)

Certifications & Courses

- AutoCAD / Civil 3D Advanced Training – YouTube.
- BIM Fundamentals for Engineers – Coursera.
- BIM Application for Engineers – Coursera.
- Learning How to Learn: Powerful mental tools to help you master tough subjects – Coursera.
- Learn to Program: The Fundamentals – Coursera.
- CS50's Introduction to Programming with Python – HarvardX (CS50P) – Completed with Final Project.
- CS50's Introduction to Computer Science – HarvardX (CS50X) – Completed with Final Project.

Additional Information

- All Courses Certificate and Experience Certificate are Available on my LinkedIn Account.