

# **SOLIMAN THARWAT SEMEDA**

Civil Site Engineer | Infrastructure & Utilities

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## **SUMMARY**

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Civil Site Engineer with 5+ years of hands-on experience in infrastructure, industrial, and residential projects across mega developments. Specialized in site execution, supervision, and quality control of sewerage, drainage, stormwater, water supply, fire protection, and utilities networks, including large-diameter pipelines, pump stations, and industrial facilities. Strong background in managing site activities, coordinating with consultants, subcontractors, and authorities, reviewing shop drawings and method statements, raising RFIs, and ensuring full compliance with project specifications, QA/QC, HSE standards, and construction schedules. Currently based in Saudi Arabia and actively seeking site-based engineering roles.

## **EXPERIENCE**

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### **Senior Site Engineer – Infrastructure & Industrial Projects**

Sep 2022 – Oct 2025

**MCV (Ghabour Group) / Saad Hana Sons | Egypt**

- Led full on-site execution of infrastructure, utilities, and industrial works including excavation, replacement, backfilling, concrete works, finishing works, fire protection and firefighting networks, compressed air systems, drainage, stormwater, and potable water supply lines for factories, warehouses, and industrial facilities.
- Supervised infrastructure works for Volvo Bus Factory, ensuring compliance with approved IFC drawings, project specifications, contract requirements, and applicable standards.
- Reviewed, coordinated, and approved shop drawings, method statements, ITPs, and material submittals in alignment with consultant and client requirements.
- Managed subcontractors, site engineers, foremen, and labor teams; planned daily activities, monitored productivity, and ensured efficient resource utilization.
- Prepared daily, weekly, and monthly progress reports, monitored schedules, raised RFIs, and coordinated site inspections, testing, and approvals with consultants.
- Ensured strict adherence to HSE policies, safety procedures, and QA/QC plans throughout all execution stages.
- Coordinated with technical office, procurement, and planning teams to resolve site issues, material availability, and construction sequencing.
- Prepared statements of completed works, as-built information, and supported handover and snag-list closure activities.

### **Infrastructure Quality Control Engineer – EU Funded Project**

Nov 2022 – Oct 2024

**Saad Hana Sons | Egypt**

- Performed quality control inspections, laboratory testing, and field tests for soil, concrete, and construction materials in accordance with EU project standards, specifications, and approved ITPs.
- Monitored implementation of QA/QC procedures, ensured proper documentation, and maintained inspection records, test results, and non-conformance reports (NCRs).
- Coordinated with testing laboratories, research institutes, and universities for material testing, validation, and technical reporting.
- Supported corrective and preventive actions, monitored close-out of NCRs, and ensured continuous compliance with quality requirements.
- Participated in audits, quality reviews, and site inspections with consultants and client representatives.

### **Civil Site Engineer – Infrastructure Works**

Oct 2021 – Jul 2022

**Masr Company for Construction & Industry | New Administrative Capital**

- Supervised execution of sewerage, drainage, and stormwater networks using RC pipes ranging from 200 mm up to 1600 mm, in addition to potable and irrigation water networks using uPVC pipes (up to 500 mm).
- Executed construction of concrete manholes, chambers, thrust blocks, culverts, and infrastructure-related concrete works.
- Coordinated with subcontractors, utilities authorities, and other disciplines to ensure smooth workflow, interface management, and uninterrupted site progress.
- Ensured compliance with drawings, specifications, quality standards, and safety regulations.
- Prepared progress reports and coordinated approvals with the technical office and project management teams.

## Infrastructure Civil Site Engineer – World Bank Project

Dec 2020 – Oct 2021

### Ibrahim Khalifa Company | Egypt

- Oversaw execution of sewerage networks, manholes, and pump stations, including installation, testing, and commissioning activities.
- Managed subcontractors, work crews, and site resources to ensure timely completion in accordance with project schedules and technical requirements.
- Coordinated with consultants, utilities authorities, and client representatives for inspections, approvals, testing, and pump station handovers.
- Ensured full compliance with QA/QC procedures, safety requirements, and environmental standards throughout construction activities.

## EDUCATION

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Bachelor of Civil Engineering | Zagazig University | 2019

## SKILLS

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### Technical Skills

- Site Execution, Supervision & Coordination
- Infrastructure & Utilities Networks (Water, Sewerage, Drainage, Stormwater)
- Fire Protection & Firefighting Systems
- Pump Stations & Utilities Structures
- Quality Control, QA/QC & ITPs
- Shop Drawings, Method Statements & As-Built Drawings
- RFIs, Site Inspections & Testing
- BOQs, Quantity Take-Off & Material Control
- AutoCAD | SAP | MS Office

### Soft Skills

- Team Leadership & Workforce Management
- Problem Solving & Decision Making
- Stakeholder & Consultant Communication
- Stress Tolerance & Adaptability
- Time Management & Work Prioritization

## LANGUAGE

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Arabic Native

English Fluent