

Mohammed Adel Basha

SENIOR CIVIL ENGINEER | TECHNICAL OFFICE &
CONSTRUCTION MANAGEMENT | STRUCTURAL DESIGN

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Professional Summary

Senior Civil Engineer with over 8 years of experience in Technical Office operations, construction management, site supervision, and structural design across residential and commercial projects in Saudi Arabia. Strong expertise in BOQs preparation, quantity take-offs, shop drawings, cost estimation, variation orders, and project documentation, combined with hands-on experience in site execution, supervision of concrete and reinforcement works, and subcontractor coordination. Proven ability to deliver multi-story buildings in full compliance with the Saudi Building Code (SBC), quality standards, and project schedules. Highly proficient in AutoCAD, Revit, ETABS, SAFE, and Primavera P6, with strong coordination between site, consultants, and stakeholders.

Education

King Abdul-Aziz University – Jeddah, Saudi Arabia

- Master of Science in Transportation Engineering – 2023 | GPA: 4.27/5
- Bachelor of Science in Civil Engineering – 2018 | GPA: 4.53/5

Passed FE Exam: 75 (General) | 80 (Civil Specialization)

Proficient in English – IELTS Exam Passed

Membership: Saudi Council of Engineers (#395247)

Certifications & Courses

- OSHA Certificate – Occupational Health & Safety
- Structural Design Courses: ETABS, SAFE, Civil 3D
- BIM & Project Management: Revit, Primavera P6, Synchro 4D
- Highway Design: PTV Vissim, PTV Visum
- AutoCAD & AutoCAD Structural Detailing
- Microsoft Office (Excel for BOQs, Cost Control & Reporting)

Professional Experience

**Al-Ezz Advanced Real Estate Development and Investment Company– Jeddah, Saudi Arabia |
Senior Technical Office Engineer & Senior Site Engineer JUN 2024- Now**

- Prepare and review BOQs, quantity take-offs, and cost estimates for multi-story (e.g., 10-story building include basement) residential-commercial projects.
- Develop, review, and submit shop drawings, material submittals, method statements, and technical documents for consultant approval.

- Lead on-site supervision activities, including reinforcement inspection, concrete pouring approvals, and execution monitoring, ensuring compliance with approved drawings and SBC requirements.
- Coordinate between site teams, consultants, contractors, and suppliers to resolve technical issues and maintain workflow efficiency.
- Monitor project costs, quantities, and variations to support cost control and budget compliance.
- Coordinate inspections and handover activities with consultants and insurance engineers to avoid delays.

Rael Real Estate Company – Jeddah, Saudi Arabia | Senior Site Engineer AUG 2022- JUN 2024

- Supervised and coordinated on-site construction execution for residential buildings (e.g., 6-story building) across all phases from foundations to handover.
- Ensured compliance with Saudi Building Code (SBC), approved drawings, and QA/QC procedures.
- Supported technical office functions including quantity verification, material approvals, and drawing coordination.
- Reviewed shop drawings and coordinated technical modifications with consultants and design teams.
- Conducted material inspections and verified executed quantities for payment certifications.

Smart Buildings Est. for Contracting – Jeddah, Saudi Arabia | Senior Site Engineer & Structural Design Engineer DES 2021- JUL 2022

- Prepared structural designs, calculations, and shop drawings using ETABS, SAFE, and AutoCAD.
- Supervised site execution of structural works, ensuring correct implementation of approved designs.
- Performed quantity take-offs, BOQs preparation, and cost estimation for concrete and reinforcement works.
- Implemented QA/QC and safety procedures during construction activities.

Tadawul Al Arabi Contracting Company – Jeddah, Saudi Arabia | Site Engineer & Technical Office Engineer MAY 2020- DES 2021

- Supervised execution of reinforcement steel works, concrete casting, and architectural finishes.
- Prepared and updated BOQs, shop drawings, technical submittals, RFIs, and as-built drawings.
- Coordinated daily between site and office teams to resolve execution-related technical issues.
- Monitored project progress, quantities, and variations in coordination with planning and cost control teams.

Al Qadi Consultant Office – Jeddah, Saudi Arabia | Structural Design Engineer FEB 2018- APR 2020

- Designed and analyzed structural systems in compliance with Saudi Building Code (SBC).
- Prepared structural drawings, calculations, engineering reports, and technical documentation.
- Reviewed contractor shop drawings and provided technical clarifications.
- Conducted site visits to verify compliance between design intent and on-site execution.

Key Skills

Technical Office & Site Engineering Skills:

- BOQs Preparation & Quantity Take-Offs
- Shop Drawings & Technical Submittals
- Cost Estimation & Cost Control
- Variation Orders & Claims Support
- Site Supervision & Construction Execution
- Structural Analysis & Design

- Saudi Building Code (SBC) Compliance

Software Skills:

- AutoCAD, Revit, Civil 3D
- ETABS, SAFE
- Primavera P6, Synchro 4D
- MS Excel (BOQs, Cost Tracking & Reporting)
- PTV Vissim, PTV Visum

Soft Skills:

- Technical & Site Coordination
- Problem Solving
- Time & Resource Management
- Communication & Reporting
- Attention to Detail