

ABRAR HUSSAIN

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SUMMARY

Architectural Draftsman & BIM Technician with 20+ years of experience delivering high-quality architectural, structural, and MEP drafting, BIM modeling, and as-built documentation. Experienced in villas, multi-storey residential, commercial buildings, hotels, hospitals, and urban planning projects across KSA. Expert in AutoCAD, Revit, Navisworks, and GIS, with extensive knowledge of CAD standards, drawing control, shop drawings, clash detection, and multi-disciplinary coordination. Capable in project documentation, design review, site coordination, and consultant communication, ensuring accurate and compliant deliverables. Proven ability to manage revision control, drawing registers, document management, and BIM workflows, contributing to successful project completion and operational efficiency.

SKILLS

- AutoCAD
- Revit (BIM Modeling)
- Navisworks (Clash Detection)
- BIM Coordination
- MEP Drafting
- Architectural Drafting
- Shop Drawings
- As-Built Drawings
- CAD Standards
- GIS (CAD + GIS Integration)
- Microsoft Word & Excel
- Quality Assurance in Drafting
- Revision Control & Drawing Registers
- Compliance with KSA Building Standards
- Multi-Disciplinary Coordination
- Drawing Revisions & Control
- Document Management
- Site Coordination
- Design Review Support
- Consultant Communication
- Project Documentation

WORK EXPERIENCE

Architectural Draftsman & BIM Technician

Mint Creative & Building Imagination (SEVEN Project), Riyadh, KSA | 2025 – Present

- Develop detailed architectural, structural interface, and MEP construction drawings using AutoCAD and Revit for large-scale entertainment developments.
- Create and manage BIM models (LOD 300–400) for design development and construction documentation.
- Perform clash detection, model coordination, and interference checks using Navisworks Manage.
- Prepare IFC drawings, shop drawings, GA drawings, and as-built documentation in compliance with project specifications.
- Coordinate with architects, structural engineers, MEP teams, contractors, and consultants to ensure design integration.
- Maintain revision control, drawing registers, transmittals, document control systems, and QA/QC compliance.

Key Achievements

- Played a key role in BIM coordination and model validation for the SEVEN Project (Exit 10, Riyadh).
- Reduced RFIs and site clashes through proactive 3D coordination and constructability reviews.
- Improved documentation accuracy by implementing structured CAD standards and BIM workflows.
- Delivered coordinated drawing packages within tight construction schedules and submission deadlines.

AutoCAD Draftsman (Architectural) - Al-Jazirah Engineers & Consultants (AJEC), Riyadh, KSA | 2020 – 2024

- Prepared detailed architectural working drawings, permit drawings, tender drawings, and as-built documentation for commercial and multi-storey projects.
- Developed floor plans, elevations, sections, façade details, joinery details, and finishing layouts.
- Converted site survey data, redline markups, and consultant comments into accurate CAD deliverables.
- Coordinated with structural and MEP disciplines to ensure integrated drawing sets.
- Managed drawing logs, revision tracking, document transmittals, and BOQ drawing references.
- Ensured compliance with Saudi Building Code (SBC), client specifications, and municipal regulations.

Key Achievements

- Successfully completed comprehensive as-built drawing packages for Crowne Plaza Alsalaam Hotel, Jeddah.
- Delivered multiple villa, factory, and commercial projects with high drafting precision and minimal rework.
- Strengthened document management through structured file naming conventions and CAD layering standards.
- Maintained zero major consultant rejections due to drawing inconsistencies.

Architectural & Mechanical Draftsman - Dar Al Jawda Engineering & Consultants, Riyadh, KSA | 2016 – 2019

- Produced architectural layouts, mechanical service drawings, HVAC layouts, and coordination drawings for healthcare and commercial developments.
- Prepared as-built drawings, equipment layouts, duct routing plans, and reflected ceiling plans (RCPs).
- Coordinated architectural, HVAC, plumbing, and fire protection drawings to avoid system conflicts.
- Assisted in design development, detail drafting, and technical drawing updates based on site conditions.
- Conducted site verification, dimensional checks, and redline updates for accurate documentation.
- Ensured compliance with project specifications, QA/QC procedures, and consultant standards.
- Delivered complete as-built documentation sets for Taif Mental Hospital and King Abdulaziz Hospital, Taif.

Architectural & Mechanical Draftsman - Dar Engineering & Consultants, Riyadh, KSA | 2013 – 2016

- Prepared detailed architectural construction drawings, mechanical layouts, HVAC plans, and coordination drawings for residential compounds, villas, commercial buildings, and government facilities.
- Developed floor plans, elevations, sections, RCPs, façade details, and service integration drawings in AutoCAD.
- Coordinated with structural, electrical, and plumbing disciplines to ensure fully integrated drawing sets.
- Produced shop drawings, IFC drawings, and tender documentation in compliance with client specifications.
- Managed drawing revisions, transmittals, document control logs, and CAD standards implementation.
- Supported site teams with redline updates, dimensional verification, and technical drawing modifications to maintain construction accuracy.

Architectural Draftsman - Municipality of Najran, Najran, Saudi Arabia | 2005 – 2013

- Developed and updated urban planning layouts, zoning plans, land subdivision drawings, and infrastructure plans using AutoCAD.
- Converted manual blueprints and survey data into accurate digital CAD documentation and GIS-integrated drawings.
- Supported CAD + GIS workflows, ensuring spatial data accuracy and municipal record consistency.
- Coordinated with consulting firms, including Zuhair Fayez Partnership, for design approvals and technical updates.
- Maintained drawing archives, revision control systems, and document management databases for municipal projects.
- Assisted in preparing planning submissions aligned with municipal regulations, land-use policies, and development standards.

EDUCATION

Master's Degree in Architectural Studies | Heritage Institute of Technology

Diploma in Architectural Drafting & CAD

Heritage Institute of Professional Studies (PVT) LTD, Rawalpindi, Pakistan | Mar 2003 – Apr 2005

CERTIFICATION

Certificate in AutoCAD - InfoTech Computer Academy

REFERENCES

Available upon Request