

EARL JOSEPH PAGHUBASAN

TECHNICAL ENGINEER / SR. DRAFTSMAN

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Doha, Qatar



PROFESSIONAL SUMMARY

Technical Engineer/Draftsman with 15 years of experience specializing in technical and construction drafting and detailing. Proficient in using AutoCAD software to create precise and detailed drawings for both commercial and residential projects. Adept at translating design concepts into actionable plans, ensuring compliance with building codes and regulations, and collaborating effectively with architects, engineers, and construction teams to achieve project goals. Demonstrates a strong understanding of architectural design, structural systems, and construction materials, with a proven ability to produce high-quality, accurate documentation for all phases of construction. A dedicated professional committed to delivering projects on time, within budget, and to the highest standards of quality.

CAREER HIGHLIGHTS

Multidisciplinary Coordination:

- Collaborated with architects, engineers, and project managers to integrate design updates, ensuring interdisciplinary accuracy.

Detail-Oriented Drafting:

- Produced precise technical drawings, meticulously reviewing and revising them to meet project specifications and industry standards.

Continuous Learning and Skill Enhancement:

- Kept up with the latest AutoCAD, Revit, and drafting advancements through courses and self-improvement initiatives.

WORK EXPERIENCE

Technical Draftsman

Al Ali Engineering Co. W.L.L. – Doha, Qatar

Company Profile: Contracting Company

Dec 2023 – Nov 2024

- Create detailed Architectural and Civil drawings using AutoCAD and other drafting software.
- Prepare architectural drawings, including floor plans, elevations, and sections, using AutoCAD.
- Interpret technical specifications, engineering sketches, and design requirements.
- Collaborate with engineers and project teams to develop accurate designs.
- Work closely with engineers, architects, and project managers to understand project requirements and constraints. Participate in cross-functional meetings to review designs, discuss technical solutions, and address any concerns.
- Ensure all drawings adhere to project guidelines, industry standards, and company procedures.
- Attend meetings for Site issues, Site progress, Technical meetings and workshops if needed.
- Review drawings for accuracy, completeness, and compliance with standards, regulations, and project specifications, making revisions, as necessary.
- Verify architectural and construction drawings and details.
- Maintain organized records of all drawing documents and other submittals and its revisions.
- Coordinate with vendors and contractors as needed for project execution.
- Perform site visits as needed to assess project progress and ensure that designs are implemented correctly.

WORK EXPERIENCE

Technical Engineer

Oct 2023 – Aug 2024

Saad Al Kaabi Steel & Aluminum Comp. – Doha, Qatar
Company Profile: Steel Contracting Company

- Schedule, plan and oversee the entire work program.
- Conduct quality checks on drafted designs to ensure accuracy, completeness, and compliance with relevant standards and regulations. Implement quality control measures to maintain high standards of workmanship..
- Attend meetings for Site issues, Site progress, Technical meetings and workshops if needed.
- Responsible for the quality and completeness of architectural shop drawings.
- Establish and maintain a well-organized filing and retrieval system for all drawings and other documents.
- Review drawings for completeness and accuracy from subordinates and subcontractors.
- Perform review and check updates on the BIM federated model.
- Utilize building information modeling (BIM) software to enhance project coordination, clash detection, and collaboration among multidisciplinary teams.
- Prepare architectural drawings and detailing, including floor plans, elevations, and sections, using AutoCAD.
- Work closely with engineers, architects, and project managers to understand project requirements and constraints. Participate in cross-functional meetings to review designs, discuss technical solutions, and address any concerns.

Architectural Engineer

June 2016 – May 2023

Redco Construction Almana – Doha, Qatar
Company Profile: Contracting Company

- Review and study IFC, Shop drawing, As-built, Letter, Material submittal, BOQ, Method of statement, RFI , and other related construction documents.
- Develop & Detail Architectural / Civil drawings using AutoCAD software, optimizing project efficiency and minimizing errors.
- Backup Site engineer for approved drawing references and other related documents.
- Ensure that revised drawings are coordinated with the site engineer, subcontractors, and other engineering disciplines.
- Schedule, plan and oversee the entire work program.
- Plan, organize and coordinate drawings.
- Prepare report and RFI if required.
- Attend meetings for Site issues, Site progress, Technical meetings and workshops if needed.
- Review and submit CSD drawings with coordination on all involve engineering discipline and subcontractor.
- Review and coordinate incoming Landscape detail drawing from sub-contractor
- Conduct site visits to monitor construction progress, identify and resolve design issues, and ensure compliance with architectural specifications. And to confirm the condition and layout of the existing structural and mechanical systems.
- Responsible for the quality and completeness of architectural shop drawings.
- Establish and maintain a well-organized filing and retrieval system for all drawings and other documents.
- Review drawings for completeness and accuracy from subordinates and subcontractors.
- Perform review and check updates on the BIM federated model.
- Utilize building information modeling (BIM) software to enhance project coordination, clash detection, and collaboration among multidisciplinary teams.
- Knowledgeable about some of the standards in QCDD, Kharamaa, and QCS.
- Prepare and draft Logistic mobilization presentation.
- Prepare architectural drawings, including floor plans, elevations, and sections, using AutoCAD & Revit software.

WORK EXPERIENCE

Architectural CAD Technician

Sept 2013 – June 2016

Redco Construction Almana – Doha, Qatar

Company Profile: Contracting Company

- Utilize computer-aided design software to create detailed and accurate technical drawings, layouts, and 3D models.
- Collaborate closely with engineers, architects, and project managers to understand project requirements and ensure designs aligned with specifications.
- Review and interpret sketches and verbal instructions to develop comprehensive design plans.
- Conduct design modifications as necessary, ensuring adherence to industry standards and project constraints.
- Conduct regular quality checks to verify design accuracy, making necessary revisions to maintain high standards.
- Actively participated in project meetings, providing valuable input and suggestions to enhance design efficiency and effectiveness.
- Support the development of CAD standards and guidelines, promoting consistency and best practices across projects.
- Assist senior CAD Technicians in preparing technical drawings and documentation.
- Conduct site visits to gather measurements and collect data for design purposes.
- Develop proficiency in using various CAD software tools and techniques.
- Collaborate with team members to brainstorm design solutions and improve workflow efficiency.
- Assist in maintaining and organizing CAD Filing and Libraries.

Architect / Sr. CAD Technician

Mar 2010 – May 2013

Al Ghanim Engineering Consultancy – Dammam, Saudi Arabia

Company Profile: Engineering Consultancy & Design Management

- Produce and maintained detailed technical drawings, including plans, elevations, sections, and diagrams for a wide range of engineering projects.
- Collaborate closely with engineers, architects, and project managers to ensure accurate interpretation of design requirements and specifications.
- Utilize CAD software to create 2D and 3D models, ensuring adherence to industry standards and best practices.
- Conduct thorough reviews of drawings and made necessary revisions to ensure accuracy and compliance with project specifications.
- Assist in the preparation of construction documents, including bills of materials and technical specifications.
- Coordinate with suppliers and vendors to obtain necessary information for design implementation.
- Mentor and provided guidance to junior draftsmen, facilitating their professional development.
- Create detailed technical drawings for various engineering projects, focusing on accuracy, clarity, and adherence to design standards.
- Collaborate with engineering and design teams to understand project requirements and translate them into effective visual representations.
- Assist in the preparation of project documentation, including reports, cost estimates, and material schedules.
- Conduct regular checks to ensure that all drawings complied with relevant codes, regulations, and industry standards.
- Maintain an organized filing system for drawings and related documents, facilitating easy retrieval and reference.
- Assist in the review and analysis of project specifications, identifying potential design issues and proposing solutions.

WORK EXPERIENCE

Architectural Draftsman

June 2005 – Oct 2009

WCL Design and Management – Manila, Philippines

Company Profile: Project Management & Contracting Company

- Collaborate closely with architects and engineers to create detailed architectural drawings, including floor plans, elevations, sections, and details, adhering to project requirements and specifications.
- Utilize AutoCAD and SketchUp software to develop accurate 2D and 3D models, facilitating effective visualization and coordination among project team and other discipline.
- Review and interpreted architectural sketches, specifications, and technical documents to ensure precise representation in the drafting process.
- Prepare and maintained comprehensive drawing sets, maintaining document control and revision management for efficient project coordination.
- Conduct field visits to collect accurate measurements and verify existing conditions, ensuring accurate and up-to-date documentation.
- Assist in the development and modification of construction documents, incorporating design changes and engineering details as required.
- Collaborate with the construction team to resolve design conflicts and provided necessary support during the construction phase.

Architectural Intern

Apr 2003 – May 2005

LL Baysa Builders – Manila, Philippines

Company Profile: Contracting Company

- Create detailed technical drawings for various engineering projects, focusing on accuracy, clarity, and adherence to design standards.
- Collaborate with engineering and design teams to understand project requirements and translate them into effective visual representations.
- Assist in the preparation of project documentation, including reports, cost estimates, and material schedules.
- Conduct regular checks to ensure that all drawings complied with relevant codes, regulations, and industry standards.
- Maintain an organized filing system for drawings and related documents, facilitating easy retrieval and reference.
- Assist in the review and analyze of project specifications, identifying potential design issues and proposing solutions.

PROFESSIONAL CREDENTIALS

- – Bachelor of Science in Architecture (1998 - 2003)
- – Registered Professional Architect in Philippines (2007)
- – MMUP / UPDA Registered

Training and Certification

- Revit Architecture
 - KEACADD BIM & CAD Consultancy (Cert. No.-1AOLL39387)
- Primavera P6
 - Team Academy - Doha, Qatar
- Document Control Management (w/ ACONEX)
 - Philippine International Institute – Qatar (PIIQ)
- NEBOSH – IGC (NEBOSH Int'l. Gen. Cert.)
- Fire Protection Management
- Work Zone Traffic Management
- Revit Architecture
 - Dynatec Engineering Excellence