

RENE R. REED

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SENIOR STRUCTURAL ENGINEER WITH 13+ YEARS OF INDUSTRY EXPERIENCE

PROFESSIONAL OVERVIEW

A highly skilled, dynamic, and solutions-oriented engineering professional with over thirteen years of leadership experience in cutting-edge environments. Hands-on visionary with advanced structural and technical expertise. Excellent qualifications in project management, financial management, client relations, quality control, staff training/development, communications, and computer information systems. A troubleshooter able to effectively and efficiently resolve issues and meet and achieve challenging goals and objectives on time and under budget. Confident in abilities and committed to performance excellence, safety compliance, and cost containment. Team player recognized for propensity to establish and maintain solid relationships with co-workers, customers, management, project principals, vendors, and key internal/external stakeholders.

CORE COMPETENCIES

- *Project Management*
- *Client/Customer Relations*
- *Industrial Design*
- *Vendor Relations*
- *Residential Design*
- *Technical Expertise*
- *Manage Complex Disciplines*
- *Team-Oriented Leader*
- *Quality Control*
- *Employee Supervision*
- *Budgeting*
- *Planning & Development*
- *Research Analysis/Investigation*
- *3D Integrated Structures*
- *Competence Under Pressure*
- *Design Optimization*
- *Safety/Regulatory Compliance*
- *Cost Containment*
- *Computer Program Maintenance*
- *Commercial Design*
- *Dynamic Analysis & Failure*
- *International Software*
- *Diagnose/Troubleshoot Problems*
- *Scheduling*

LICENSES & CERTIFICATIONS

Professional Engineering Licenses:

- Alaska (No: 11354) ▪ California (No: 71028) ▪ Colorado (No: 40464)
- Montana (No: 17254) ▪ Nevada (No: 017562) ▪ Oregon (No: 77434) ▪ Washington (No: 41413)

KEY QUALIFICATIONS/HIGHLIGHTS OF PROFESSIONAL EXPERIENCE

- Design, review, and supervise engineering calculations and drawings for pre-engineering of metal building structures and various components of concrete structures including beams, columns, foundations, slabs, retaining walls, etc.
- Implement various components including rigid and semi-rigid frames, expandable frames, beam and post, connections (bolted and welded), crane beam, mezzanine beam, columns, base plate, anchor bolts, purlin, girt, clips, and wind bracing.
- Design of buildings using various codes including: AISC, MBMA, UBC, IBC, ASCE, IS, NBC etc.
- Preserve quality of design, detailing and scheduling activity through preventive and predictive programs; evaluate alternative methods as needed, based on available resources.
- Maintain current building code information and ISO 9001 records per required guidelines.
- Evaluate buildings/bracing systems under extreme environments including wind, seismic, snow, drift load, etc.
- Consistently meet stringent schedules and internal customer requirements (sales, budget, quality control, etc).
- Develop, plan, implement, and schedule projects; manage the design and detailing phase of each assignment; supervise job schedule and determine production readiness with respect to clients as well as the plant.
- Supervise the detailing and fabrication schedule of structural projects; clarify and resolve discrepancies with engineering documents on the production lines.
- Design specialty components through use of computer software; ensure individual member and welds meet requirements of applicable specifications and codes.
- Redesign members for greater economy and compare design weight with sales weight.
- Investigative aptitude to improve methods and processes in the organization; recognize, analyze, diagnose, recommend, and resolve economical solutions to technical problems quickly and precisely; facilitate field modifications, repairs, sketches, site visits.
- Review contract documents and drafting work for completeness and proper depiction of special loading conditions.
- Consistently maintain high level of customer, contractor, and architect satisfaction; accurately and precisely fulfill requirements, resolve/manage conflicts and issues appropriately; present solutions efficiently and effectively.
- Oversee and direct junior engineers during design, detailing, and erection stages.
- Train and assist drafters, designers, and technicians; provide technical support and guidance.

CHRONOLOGY OF PROFESSIONAL EXPERIENCE

ABC Building Systems, Spokane, WA
Engineering Manager

April 2003 - Present

Butler, Saudi Building Systems, Jeddah, Saudi Arabia
Design Engineer

October 1996 – March 2003

A.S. Chirmade Consultant, Baroda, India
Design Engineer

August 1994 – October 1996

EDUCATION

Master of Engineering, Civil
Faculty of Technology & Engineering,
M.S.U., Baroda, India

Bachelor of Engineering, Civil
Faculty of Technology & Engineering,
M.S.U., Baroda, India

Diploma of Engineering, Civil
Polytechnic, M.S.U., Baroda, India

TECHNICAL ADDENDUM

- *STRUCALC*
- *AUTOCAD*
- *CFS 4.14*
- *WINDOWS MS*
- *MS EXCEL*
- *RAM STEEL*
- *MBS*
- *WORD PERFECT*
- *STAAD III*
- *FFAD*
- *DOS*
- *MS WORD*
- *FTP*
- *BUSY FRAME*
- *CFM96*
- *WINZIP*

PROFESSIONAL AFFILIATIONS

Associate Member, Structural Engineers Association of Washington

References and Supporting Documentation Furnished Upon Request