

HEATHER BEER WHEELER

Structural Engineer

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SUMMARY

I am a licensed structural engineer with 6+ years of experience in all phases of project coordination, planning, and design of commercial and residential buildings. I possess a strong technical knowledge of engineering and design principles and enjoy problem-solving and working with clients to meet their project goals.

SKILLS

- Detail-oriented
- Effective decision-maker
- Capable client liaison
- Creative problem-solver
- Self-motivated
- AutoCAD Software proficient

LICENSES

Licensed and registered Structural Engineer - Utah

Licensed and registered Professional Engineer - Washington & Idaho

EXPERIENCE

Draftsman | RESIDENTIAL HOME RENOVATION, Centerville, UT - 2018

- Drafted plans for an addition to a historic residence utilizing AutoCAD

Draftsman | RESIDENTIAL HOME, Blackfoot, ID - 2008

- Prepared site plan and elevation drawings using AutoCAD

Structural Engineer | RESIDENTIAL GARAGE ADDITION, Centerville, UT - 2007

- Designed a two-story wood-frame garage with living space above

Structural Engineer | STAPLEY ENGINEERING, Boise, ID - 1995-2000

- Designed various commercial buildings using reinforced masonry, wood, reinforced concrete, steel, and steel stud design
- Prepared computer models and assessed the structural integrity of multi-story buildings
- Inspected placement of steel in concrete walls, slabs, and footings
- Prepared probable cost estimates and assessment reports for clients
- Utilized various computer design programs including, AutoCAD, Risa3D, Enercalc, RAMSteel

Structural Engineer | RESIDENTIAL HOME, Kennewick, WA - 1999

- Designed a two-story residence and provided site plan elevations, structural drawings, and calculations

Research Assistant | UTAH STATE UNIVERSITY ENGINEERING DEPARTMENT, Logan, UT - 1993-1995

EDUCATION

BS Civil Engineering | Utah State University, Logan, UT - 1995

PROFESSIONAL MEMBERSHIPS

- Structural Engineering Association of Utah (SEAU)
- American Society of Civil Engineers (ASCE)