



CLIFTON W. BERKEY

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QUALIFICATIONS

<i>Licenses</i>	PE licenses (10 total): WA, OR, ID, UT, CA, AZ, MT, and NV	
<i>Degrees</i>	MS – Civil Engineering w/ Structural Emphasis Brigham Young University – Provo, UT Master's project: Innovative truss design	1998
	BS – Civil Engineering w/ Structural Emphasis Brigham Young University – Provo, UT	1997
<i>Courses</i>	<ul style="list-style-type: none">▪ Timber Design▪ Structural Steel Design▪ Reinforced Concrete Design▪ Pre-stressed Concrete Design▪ Bridge Design▪ Timber Truss Design	<ul style="list-style-type: none">▪ Design of Thin Shells▪ Multi-Story Structures▪ Advanced Foundations▪ Concrete Mix Design▪ Matrix Structural Analysis
<i>Memberships</i>	<ul style="list-style-type: none">▪ ASCE▪ BBB▪ HBA	<ul style="list-style-type: none">▪ NFBA▪ NCEES▪ NFIB
<i>Proficiencies</i>	<ul style="list-style-type: none">▪ AutoCAD▪ Thorough knowledge of construction practices and building codes▪ 40 years of construction experience	<ul style="list-style-type: none">▪ STAAD

PROFESSIONAL EXPERIENCE

<i>Engineering</i>	Principal Engineer Berkey Engineering – Richland, WA	2003—Present
	<ul style="list-style-type: none">▪ Started engineering company to support contractors in the northwestern states, with heavy focus in pole buildings▪ Designs, analyzes, and provides structural calculations for a variety of structures, specializing in post frame construction▪ Expanded operations to include residential consultation, design, and inspections▪ Hires, trains, and manages designers▪ Organizes and teaches seminars for city and county building departments▪ Travels to distant and remote locations to provide FHA and HUD structural inspections▪ Participates in continuing education and serves as expert legal witness	

President*2003—2007*

Berkey Pole Buildings – Richland, WA

- Opened construction company to build pole buildings in Washington State
- Sold jobs, hired and managed employees, supervised all projects, performed all aspects of construction from conceptual through finished product
- Performed several municipal jobs, including prevailing wage projects.
- Company closed effective 2/28/07 to focus more completely on engineering company
- Company grossed \$1.3 million in revenue over 4-yr. period with no claims against insurance or bond and no suits filed against the company

Principal Civil/Structural Engineer*2001—2003*

Mid-Valley Engineering – Modesto, CA

- Responsible for civil/structural design and assigned projects
- Project engineer and construction manager for commercial projects
- Establish design criteria
- Civil/structural design and analysis of: structural steel, cold-formed steel (gage material), timber, CMU, structural concrete, retaining structures, on-site infiltration structures, storm water interceptor systems, water, sewer, and storm drain design, parking lots, asphalt design, and grading plans
- Prepared technical specifications and reports
- Supervised and checked work of design engineers and draftsman in preparation of construction documents and drawings
- Preparation of technical specifications and reports
- Value engineering

Civil/Structural Engineer*1998—2001*

Meier Architecture · Engineering – Kennewick, WA

- Project and construction management
- Civil/structural design and analysis of: structural steel, cold-formed steel (gage material), timber, CMU, structural concrete, retaining structures, crane systems, including monorail, bridge, and gantry cranes, railway track systems, storm drains, on-site infiltration structures, parking lots, asphalt design, and grading plan
- Prepared technical specifications
- Supervised and checked work of design engineers and draftsman in preparation of construction documents and drawings
- Prepared technical specifications and reports
- Value engineering

AutoCAD Engineering Graphics Instructor*1997—1998*

Brigham Young University – Provo, UT

- Provided drafting and ACAD instruction for 100 students
- Developed and graded curriculum, lab assignments, and final exam
- Lab tutoring

Engineer*Summer 1997*

MCM Engineering – Heber City, UT

- Structural design and analysis
- On-site consultation for clients
- Sales
- Developed structural calculation spreadsheets

Mining Engineer and Drafter*Summer 1996*

Centurion Exploration – Salt Lake City, UT

- Developed innovative use for AutoCAD in calculation of ore reserves
- Efforts caused the OK Copper Mine license to be approved six months ahead of schedule

OTHER EXPERIENCE*Service***President***1996*

BYU ASCE Student Chapter – Provo, UT

- Increased student membership from 52% to 72.5%
- Saved Provo city \$26,500 through innovative service project
- Received Zone IV Vice President's award, Special Service Award, and National Certificate of Commendation

Military Veteran*1990—1994*

US Army

- Bridge Engineer, squad leader, Colonel's driver
- Received four Army Achievement Medals
- Good Conduct and Advanced Instruction Medals
- Exceeded maximum score for Army Physical Fitness Tests

Interests

- Flying
- Running
- Fishing
- Chess
- Visiting Alaska