

Glen E. Palmer, PE, SE
Structural Engineer, Principal

FIRM: Palmer Engineering, LLC

EDUCATION: Bachelors Degree completed at Brigham Young University
Completed 95% of a Masters Degree at the University of Utah

LICENSES/REGISTRATIONS/CERTIFICATES WITH YEAR:

SE, Utah, 1984
SE, Arizona, 1995
SE, Nevada, 1996
PE, Colorado, 1992
SE, Idaho, 2006
SE, Wyoming, 1992
SE, New Mexico, 2008

PROFESSIONAL/CIVIC ORGANIZATIONS/AWARDS:

Structural Engineers Association of Utah (SEAU), Past President, Past Vice Pres, Current Member
Structural Engineers Association of Utah (SEAU), Current Chairman of Existing Bldgs Committee
Structural Engineers Association of Utah (SEAU), Past Member of SEER Committee
Structural Engineers Association of Southern Nevada, SEASoN, past member
Precast/Prestressed Concrete Institute, PCI, current member
International Code Council (ICC), current member
ACI "EXCELLENCE IN CONCRETE" award for unique precast concrete use in the Upwall Residence

EMPLOYMENT HISTORY:

Principal, Palmer Engineering	April 1992 to current
General Manager, EnCon Utah Precast Concrete	June 2004 to July 2007
Engineering Dept. Manager, Buehner Corp. Precast	June 1990 to April 1992
Structural Eng. & Project Manager, Roberts & Schaefer Co.	Aug 1987 to June 1990
Design Engineer, Bonneville Engineering	June 1984 to Aug 1987
Design Engineer, LDS Church Engineering, Part time Grad Student	Sept 1980 to Apr 1984

PUBLICATIONS & TEACHING ACTIVITIES:

Mr. Palmer has had one article published in the PCI Journal entitled "Overview of UBC Requirements for Double Tee Shear Wall Buildings in Seismic Zones 3 and 4", and then he organized and chaired several engineering training seminars on this topic. He also contributed significantly to the updating and revision of the 3rd edition of the "GFRC Recommended Practice" design manual for PCI, and served for a time as a volunteer publication proofreader for the PCI Journal Editor. Mr. Palmer has taught seminar sessions on "Structural Light Gauge Metal Framing" and on "Building Inspection & Damage Assessment for Disaster Recovery", taught classes on "Use of Precast Concrete", taught a series of small classes on "Structural Engineering Basics for Building Officials", and has more recently presented several training seminars on "Seismic Improvement of URM Dwellings". He is currently serving as Chair of a joint SEAU/USSC Committee that has just updated and republishing a new and significantly revised 2nd edition of the "Utah Guide for the Seismic Improvement of Unreinforced Masonry Dwellings" that was published in spring of 2016.

GENERAL WORK EXPERIENCE:

Mr. Palmer has over 35 years experience with the design of office, medical, educational, gymnasium/sports facilities, and other commercial and industrial buildings and structures. He is licensed as an SE in several States, and his work has included experience in new structure design, structural construction observation, general construction management, and forensic engineering/evaluation of existing structures. His experience ranges from working with structures as tall as 180 ft, and as large as nearly one million square ft. Mr. Palmer has extensive experience with structural renovations, seismic upgrades, and remodeling of existing structures involving cast-in-place concrete, precast concrete, steel, wood, masonry, unreinforced masonry, and stone. These renovations and seismic upgrades have involved historic structures dating back to the late 1800's, older LDS Tabernacle meeting buildings in Provo and American Fork, and many other low and mid-rise buildings. He has also been involved with hundreds of post-seismic event rapid visual screenings of structures, as well as many other more detailed seismic evaluations of structures post-event for the repair of seismic related damage.

OTHER EXPERIENCE, LEGAL SERVICES & PROFESSIONAL ACTIVITIES:

Mr. Palmer ran his own structural engineering firm full time for 13 years before selling the firm in 2004 and continuing part time while he acted separately as General Manager of a precast manufacturing plant. As General Manager at the plant he was responsible for production and quality control issues as well as overseeing all product engineering design and drafting. Shortly after being directly responsible for obtaining a \$10 million dollar contract for unique precast concrete products for a new university building in Idaho, Mr Palmer left EnCon and resumed full time operations at his own firm in 2007. With such a wide range of experience he has been hired by legal firms and insurance companies on several occasions to serve as an Investigator/Expert Witness on structural engineering related cases. These cases included investigation of roof failures, industrial facility failures, gas line failures, and building settlement issues. These cases have led to him being deposed several times, but all cases have been resolved positively without need of courtroom testimony. Mr. Palmer has also served on the PCI Seismic Committee and the GFRC committee, contributing significantly to the revised 3rd edition of the "GFRC Recommended Practice" design manual update. He also had a brief article published in the PCI journal in 1992. He is a member and past President of the local Structural Engineers Association of Utah (SEAU), a past member of the Structural Engineers Association of Southern Nevada, and was the driving force behind the start up of a southern Utah chapter of SEAU in 2004. He is currently the chairman of the SEAU Existing Buildings Committee, and he is also a member of the International Code Council.