

RESUME

GREGORY P. LUTH, PH.D., S.E.

JK DESIGNS, INC.

GREGORY P. LUTH & ASSOCIATES, Structural Engineers and Builders  
President & Chief Engineer

TECHNICAL SPECIALITIES:

Areas of expertise are conceptual design, lateral load analysis, and production of working drawings for building structures using all conventional building materials; renovation of historic structures; seismic design and retrofit of building structural systems, piping systems, and mechanical systems; integrated design/construction on large or complex design projects; and the application of emerging technologies such as BIM technology (Tekla) to the problem of integrating the interdisciplinary design tasks and incorporating facility management considerations during the conceptual design phase.

EDUCATION:

- 1991 Doctor of Philosophy, Civil Engineering (Structures) - Stanford University
- 1979 Degree of Engineer, Civil Engineering (Structures) - Stanford University
- 1975 Master of Science, Civil Engineering (Structures) - Stanford University
- 1974 Bachelor of Science, Civil Engineering, Magna Cum Laude - University of Alaska

PROFESSIONAL REGISTRATIONS:

- Licensed in all 50 states, Washington D.C., Guam. & Puerto Rico
- SE Arizona, California, Delaware, Hawaii, Idaho, Illinois, Massachusetts, Nebraska, Nevada, Oregon, Utah, Vermont, Wyoming & Guam

PROFESSIONAL ORGANIZATIONS:

Member of SEAONC, ASCE, AISC, ACI, DFI, PCI, ICC

EXPERIENCE:

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|-----------------------|---|-----------------|
| Jan, 2010-Present     | Co-founder, CEO, Exponential Engineering, Inc.,         | Charlotte, NA   |
| Mar, 2004-Present     | Co-founder, Principal, Martino & Luth, Inc.,            | Denver, CO      |
| Aug, 1995-Present     | Founder, President, Gregory P. Luth & Associates, Inc., | Santa Clara, CA |
| Jan, 1998 – Apr, 2003 | Co-founder, President and CEO, KL&A, Inc.,              | Loveland, CO    |
| Jan, 1995 – Jan, 1998 | Co-founder, President, Krawinkler Luth & Associates,    | Menlo Park, CA  |
| Jan, 1990 - Dec 1994  | Founder, President, TSDC of Colorado,                   | Littleton, CO   |
| Jan, 1991 - May, 1994 | Managing Engineer, Failure Analysis Associates,         | Menlo Park, CA  |
| Jan, 1987 - Dec, 1987 | Senior Vice-President, Walter P. Moore & Associates,    | Tampa, FL       |
| Jan, 1986 - Dec, 1986 | Founder, President, KLMA, Inc.,                         | Denver, CO      |
| Jan, 1982 - Feb, 1985 | Vice President, Tabor Engineers,                        | Denver, CO      |
| Jan, 1981 - Dec, 1981 | Associate, GCE,   | St. Louis, MO   |
| Oct, 1976 - Dec, 1980 | Design Engineer, Jack D. Gillum & Associates,           | St. Louis, MO   |

JK DESIGNS, INC | THE NATIONAL SCULPTORS' GUILD

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## REPRESENTATIVE PROJECTS

EOR	Hollywood Slots @ Penn National Dayton Raceway, Dayton, OH (BIM)
EOR	Hollywood Slots @ Penn National Mahoning Valley Race Course, Mahoning Valley, OH (BIM)
P.R.	Yale University SCL Renovation, New Haven, CT
EOR	VA Walla Walla Bldg 86 Renovation, Walla Walla, WA
EOR	Mokhlesi Residence, Saratoga, CA
EOR	Fairfield Army Reserve Center, Concord, CA (D/B)
SC	VA West LA Medical Center, Bldg.258 Retrofit, Los Angeles, CA (BIM)
P.R.	VA West LA Medical Center, Bldg.209 Retrofit, Los Angeles, CA (BIM)
EOR	VA Seattle Mental Health Hospital Parking Garage, Seattle, WA (BIM)
SC	VAMC San Francisco Buildings 1, 6, & 8 Retrofit, San Francisco, CA (BIM)
SC, co-EOR	CHCF Stockton, Stockton, CA (D/B)
EOR	Kapor Center, Oakland, CA
EOR	1850 Alcatraz URM Retrofit, Berkeley, CA
EOR	Stanford Linear Accelerator Center (SLAC) Building 751 Addition, Menlo Park, CA
EOR	USC School of Cinematic Arts Phase III, Los Angeles, CA (BIM, AcDtl, RDtl)
EOR	Tri-Valley Regional Theater, Livermore, CA (BIM)
SC	Mathematics & Visual & Performing Arts Buildings @ San Jose City College, CA (BIM. D/B)
EOR 2012	Isle of Capri Casino, Cape Girardeau, MS (BIM, AcDtl, RDtl, StlD)
EOR 2012	Penn National Hollywood Casino at Toledo, Ohio (BIM. RDtl)
EOR 2012	California Department of Veterans Affairs Homes, Residential Care Home, Fresno, (BIM. D/B)
P.R. 2011	Tuned Mass Damper System_Ivanpah Solar Electric Generation Facility, San Bernadino, CA
EOR 2011	1st Armored Division Headquarters, Ft Bliss, TX (BIM D/B ACDtl)
EOR 2011	Disneyland Hotel Central Service Area Renovation, Anaheim, CA (BIM)
SC/EOR 2011	VAMC Long Beach Seismic Correction-Consolidation Bldg 7, 8 & 126, Long Beach, CA
EOR 2011	VAMC St. Louis-Jefferson Barracks B51 Addition, St. Louis, MO
EOR 2011	VAMC San Francisco Parking Garage, San Francisco, CA (BIM)
EOR 2011	Acton Ranger Station, Acton, CA
EOR 2011	Nex Navy Lodge Addition- Naval Air Station, Coronado, CA (BIM. D/B)
P.R. 2011	Repair Report for the Shady Shakespeare Theater Company Barn, Sanborn Park, CA
S.C. 2010	Towson University Student Union, Towson, Maryland (BIM, RDtl)
S.C. 2010	Sutter Hospital, Castro Valley, California (BIM, RDtl)
EOR 2010	Penn National Hollywood Casino at Joliet, Illinois (BIM)

EOR= Engineer of Record P.R.= Peer Reviewer SC= Sub-consultant, EOR for the sub-consulting portion  
BIM= Building Information Modeling D/B= Design-Build RDtl = Rebar 3D Model & Shop Drawings  
StlD Steel Detailing ACDtl Architectural cladding detail

**\*Winner of Awards for Excellence in Engineering from Structural Engineers Association of California\***