

Daniel Lamb

(575) 396-5377 or dplambd3@gmail.com

Current Status: Own and operate Lamb Engineering & Design in Lovington, NM since September 2009.
Employed by D3 Builders in Tatum, NM since August 2008.

Skills & Courses

- Load and Resistance Factor Design (LRFD).
- Allowable Stress Design (ASD).
- Concrete Design and Analysis.
- Reinforced Masonry Design and Analysis.
- Wood Framing Design and Analysis.
- Steel Design and Analysis.
- Bridge Design (AASHTO – LRFD).
- Structural Analysis.
- Mechanics of Materials.

Education

- **Graduate Degree**, New Mexico State University, Civil Engineering (Structural Emphasis), Completed Master's Degree in June of 2005.
- **Undergraduate Degree**, New Mexico State University, Civil Engineering (Structural Emphasis), Completed Bachelor's Degree in May of 2003.

Achievements

- Professional Engineer (Professional Engineering Exam, PE #19111).
- Engineering Intern (Fundamentals of Engineering Exam, EIT #6045).
- 2001 National Steel Bridge Competition.
- 2001 National Hydropower Contest, 2nd Place.
- Engineering Council Treasurer, Fall 2000 & Spring 2001.
- Chi Epsilon – Civil Engineering Honor Society.
- American Society of Civil Engineers, Engineering Council Representative Fall 2001.
- National Dean's List, 1999 & 2000.
- NMSU Engineering Dean's List, Fall 1999 & Fall 2002.

Publications

Newtonson, C.M., and Lamb, D.P., (2006). "Predicting Evaporation of Water from Concrete," Proceedings, 16. Ibausil, 16. Internationale Baustofftagung, Sept. 2006, Weimar, Germany.

Employment

Lamb Engineering & Design

Lovington, NM

Owner & Professional Engineer

(September 2009 to present)

Perform structural design services and procurement services in the construction industry. Prepare commercial structural drawings that include foundation plans, framing plans, roof plans, details and specifications for buildings. All of the work has been within Lea County area and in both the private and public industry. .

D3 Builders

Tatum, NM

- *Carpenter*

(August 2008 to present)

- *Professional Engineer & Carpenter*

(August 2008 to September 2009)

Professional Engineer: Performed structural design services and procurement services in the construction industry. Prepared commercial structural drawings that include foundation plans, framing plans, roof plans, details and specifications for buildings. All of the work has been within Lea County area and in both the private and public industry.

Carpenter: Perform construction duties on new and existing residential and commercial projects including foundation work, carpentry, finish work, concrete work, masonry work, electrical, plumbing, wood framing, steel framing, cost projections, construction management, etc. as required to complete projects. All of the work has been within Lea County area and in both the private and public industry.

Reference:

Danny Lamb, Owner, phone: 575-398-3269

Caruso, Turley, Scott, Inc.

Tempe, AZ

Structural Designer

(May 2006 to July 2008)

Performed structural design services in the construction industry. Prepared commercial structural drawings that include foundation plans, framing plans, roof plans, details and specifications buildings, designed retaining walls, special structural inspections, etc. Commercial projects included masonry buildings, concrete tilt panels, wood framed buildings, steel framed buildings and many combinations of materials and more. The work performed was all over the country, from California to New York, with a majority being local and included preparing structural drawings for public and private entities. Projects included local schools and private projects for large chains such as Michael's, Petco, Best Buy and Staples.

Reference:

Richard Turley, PE, Partner or Tom Morris, PE, Partner, phone: 480-774-1700

Bingham Engineering, L.L.C.

Phoenix, AZ

Structural Designer

(June 2005 to May 2006)

Performed structural design services in the construction industry. Prepared some commercial and mostly residential structural drawings that include foundation plans, framing plans, roof plans, details and specifications for homes and buildings, designed post-tensioned concrete slabs, designed retaining walls, performed forensic engineering services, quote preparation, inspections, etc. Almost all of the work was within the Phoenix area within the private industry and included local clients and large homebuilders like Dietz-Crane, D.R. Horton, Pulte Homes, Centex Homes, KB Homes and more.

Reference:

Dan Bingham, PE, Owner or Jeremy Walterscheid, phone: 602-971-3033

New Mexico State University (NMSU)

Department of Civil and Geological Engineering

Las Cruces, NM

Graduate Assistant

(June 2003 to June 2005)

Assisted in the grading and preparing of courses such as indeterminate structural analysis and mechanics of materials, as well as being a teaching assistant for the strength of materials laboratory. These various duties include grading of homework assignments; preparation of equipment and materials required for materials laboratories, preparing handouts for the classroom, and research in various related areas.

Reference:

Dr. Craig Newton, Professor
Phone: (575) 646-3034

Dr. David Jauregui, Professor
Phone: (575) 646-3514