

# CHRISTOPHER E. CARTER, P.E.

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## *Curriculum Vitae*

(last updated: January 2013)

### PROFESSIONAL EXPERIENCE

**STRUCTURES SPECIALIST:** Colorado Task Force 1, West Metro Fire Rescue, Lakewood, Colorado;  
April 2012 to Present

- o Provide Structural Consulting as part of a FEMA Urban Search and Rescue Team

**PRINCIPAL ENGINEER:** StructureCheck, LLC, Parker, Colorado;  
January 2008 to Present

- o Provide Residential Structural Engineering Services to the Real Estate Industry

**PRINCIPAL ENGINEER:** Engineering Friend, Inc., Parker, Colorado;  
January 1998 to Present

- o Specializing in Residential, Multi-Family & Light Commercial Engineering
- o Areas of Experience:
  - o structural evaluation and repair design
  - o soil/structure interaction evaluations
  - o new construction risk management
  - o structural warranty risk management & claims consulting
  - o forensic investigations/consulting
  - o fiber optic utility line layout & design

**CLAIMS ENGINEERING SUPERVISOR:** National Home Insurance Company, Aurora, Colorado; March 1996 to January 1998

- o Specialized in Technical Claims Assistance and Management
- o Areas of Experience:
  - o supervision, education, training and workflow management of in-house engineering staff
  - o claim adjuster consulting/support
  - o outside engineering consultant management
  - o construction contract administration
  - o national claim investigation and repair review/coordination
  - o arbitration, mediation, and trial support/consulting
  - o engineering consultant invoice review

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**CLAIMS STAFF ENGINEER:** National Home Insurance Company, Aurora, Colorado;  
October 1993 to March 1996

- o Specialized in Technical Claims Assistance
- o Areas of Experience:
  - o claim adjuster consulting/support
  - o outside engineering consultant management
  - o construction contract administration
  - o national claim investigation and repair review/coordination
  - o arbitration, mediation and trial support/consulting
  - o engineering consultant invoice review

**PRINCIPAL ENGINEER:** Custom Home Inspection Services, Inc., Englewood, Colorado;  
June 1992 to October 1993

- o Specialized in Residential Home Inspections and Consulting
- o Areas of Experience:
  - o home inspections of new and pre-owned properties
  - o grading and drainage evaluations
  - o arbitration

**AIRPORT ENGINEER:** Muller, Sirhall and Associates, Inc., Aurora, Colorado;  
March 1990 to June 1992

- o Specialized in airport design and construction
- o Areas of Experience:
  - o construction management
  - o grading, drainage and pavement design
  - o storm water management design
  - o cost estimating
  - o plans and specifications preparation/review
  - o client relations
  - o FAA coordination
  - o NPDES permit applications

**AIRPORT ENGINEER:** Isbill Associates, Inc., Aurora, Colorado  
February 1989 to March 1990

- o Specialized in airport design and construction
- o Areas of Experience:
  - o construction management
  - o grading, drainage and pavement design
  - o storm water management design
  - o cost estimating
  - o plans and specifications preparation/review
  - o client relations

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***STUDENT NAVAL FLIGHT OFFICER:*** August 1987 to February 1989  
United States Navy, NAS Pensacola, Florida

- o Aviation Officer Candidate School
- o Radar Intercept Officer Training
- o Honorable Discharge, Rank - LTJG

***JUNIOR ENGINEER:*** T&M Associates, Inc., Middletown, New Jersey  
May 1986 to August 1987

- o Specialized in municipal engineering and land development
- o Areas of Experience:
  - o subdivision and site plan design, review and inspection
  - o storm water and sanitary sewer system design
  - o slope stability analysis
  - o grading, drainage and pavement design
  - o plans and specifications preparation/review
  - o structural seawall analysis
  - o quantity estimation

#### **EDUCATION**

Colorado State University  
Graduated 1986  
B.S. Civil Engineering

#### **REGISTRATIONS & ASSOCIATIONS**

Colorado Registered Professional Engineer (#28715), 1993 to Present

Texas Registered Professional Engineer (#80345 - Inactive), 1994 to Present

Planning Commissioner, Town of Parker, Colorado, 1998 to 2001

Member, American Society of Civil Engineers; 1993 to Present

Associate Member, Home Builders Association of Metro-Denver, 1998 to 2008

Associate Member, National Association of Home Builders, 1998 to 2008

Associate Member, Colorado Association of Geotechnical Engineers, 2002 to Present

Professional Member, International Code Council, 2006 to Present