

MCCABE KARCHER

SUMMARY OF QUALIFICATIONS

Mr. Karcher has compiled nearly fifteen years of experience in the building and construction industry in Oregon. He holds a degree in civil engineering from Portland State University and his experience includes commercial estimating, structural engineering design and construction management along with research in seismic testing and calibration. He owns and operates *RTR Consulting, LLC.*, a consulting firm focused on forensic construction analysis including: construction defect cases, estimating and bidding, scheduling, delay impacts analysis, and construction management.

EDUCATION

2005 – 2008	Portland State University <i>Bachelor of Science, Civil Engineering</i>	Portland, Oregon
2003 - 2005	Central Oregon Community College	Bend, Oregon
1983 - 1986	Hudson Bay High School	Vancouver, Washington

HONORS

- Recipient of the COCC Foundation Scholarship, 2004
- Recipient of the Maseeh College Dean's Scholarship, 2005 & 2006

PROFESSIONAL EXPERIENCE

2009 Construction Research, Inc. Portland, OR.
Principal

- A construction consulting firm serving the building industry of the Pacific Northwest.

2009 RTR Consulting, LLC. Vancouver, WA.
Owner

- A construction consulting firm serving the building industry of the Pacific Northwest.

2007 - 2009 R Brown Consulting Group, LLC. Portland, OR.
Associate

- Involved in over sixty-five cases of construction defect, damages and payment claims.
- Prepared written and evaluated construction claims and prepared expert reports for contractors, subcontractors and owners
- Provided forensic analysis of construction documentation
- Provided deposition and mediation support
- Interviewed fact witnesses
- Reviewed building codes, manufacturer guidelines, and industry standards

2006 Eclipse Engineering Bend, OR.
Summer Intern

- Involved in structural design of structural FRP enclosures
- Field work including structural inspection of failed structure; responsible for repair design
- Retaining wall design for public project

2005 - 2006 Portland State University, iSTAR Laboratory Portland, Oregon
Research Assistant

- Static and dynamic (seismic) testing and analysis of structures, structural components and equipment.
- Testing of high performance steel and fiber reinforced composites for bridge and building structural systems
- Set-up and monitoring of testing using large scale and shake table testing
- Analysis of earthquake vulnerability of buildings in urban areas and seismic retrofit

1999 – 2003 Oregon Log Home Company Portland, Oregon
Estimator and Project Manager

- Responsible for estimating all commercial projects
- Required to travel nationally for client meetings, bid and subcontract negotiations, and to observe site conditions and progress
- Tracked and scheduled: inventory control, productivity, overhead, and equipment
- Generated cut sheets, production schedules, and audited in-house shop drawings against commercial structural designs

1996 – 1998 Clayton Construction, Inc. Portland, Oregon
Commercial Estimator

- Responsible for acquiring RFP's and qualifying bidder's lists
- Estimated steel fireproofing, lead abatement, and concrete finishing projects
- Assisted in the field with subcontractor scheduling, QA/QC, and preparing shop drawings
- Managed the multi-shift schedule of over 100 union employees in the field

PRESENTATIONS

T.M. Karcher, D.K. Mackinnon, "Effectiveness of Modifications at SE Powell & 82nd," *at Portland Department of Transportation, November 2007, Portland, Oregon*

D.K. MacKinnon, T.M. Karcher, "Leif Erickson Drainage Inventory & Hydrologic Analysis," *at City of Portland, Bureau of Environmental Services (BES), November 2007, Portland, Oregon*

PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers
Construction Institute, ASCE

SELECTED MAJOR PROJECTS

Bellevue Crane Incident: 3-Building, Fatal Construction Accident Claim Case
SR 532 Highway Repair, Washington, \$50 Million Estimate Review & Check
Trendwest, Depot Bay, OR, \$30 Million Construction Defects Case
McCoy Village Apartments, Portland, OR \$12 Million Construction Defects Case
Lake Dorothy Hydroelectric Project, Juneau, AK, Construction Payment Dispute
Tanglewood Condominiums, Lake Oswego, OR, \$10 Million Construction Defects Case
San Francisco GSA Office Building, S.F., CA, \$6 Million Construction Payment Dispute
Griffith Observatory, Los Angeles, CA, Construction Defects & Payment Dispute
Fairfield Inn, El Centro, CA, Construction Payment Dispute
Grand Californian Hotel, Anaheim, CA, Project Estimator
Disney's California Adventure, Anaheim, CA, Project Estimator
Coeur d'Alene Casino, Coeur d'Alene, ID, Project Estimator, Project Manager
Four Winds Casino Resort, New Buffalo, MI, Project Estimator
Experience Music Project, Seattle, WA, Project Estimator
Intel, Inc., Mesa, AZ, Project Estimator