



DOUG RICHTER, P.E.

PROJECT ENGINEER



EDUCATION

B.S., Civil Engineering
Michigan Technological University

PROFESSIONAL REGISTRATION

Registered Professional Engineer: Colorado, Georgia, Texas, Arizona, and Michigan

CERTIFICATIONS

OSHA – 10 Hour Construction Industry Certification
Competent Person Certification

PROFESSIONAL EXPERIENCE

Mr. Richter has over 25 years of experience in the design and construction of residential, commercial and public sector projects. A Senior Professional Engineer with a broad range of management, design, and construction experience. Proven ability to lead teams in developing collaborative solutions for project completion, while maintaining budgets, schedules, and minimizing risk. Experience with a wide range of due diligence, development, entitlements, design, system integration, construction, estimating, budgets, procurement, and construction management. Highly organized in creating project requirements, outlines, schedules, and work plans; also in implementing with effective communication that promotes overall project efficiency and success. Ability to analyze complex scenarios and develop strategic solutions customized to meet the specific needs of the situation. Skilled at creating partnerships and promoting a team environment. Mr. Richter also has experience with floodplain management from managing projects which were adjacent to or encroaching into floodplains in which a CLOMR/LOMR process was necessary.

Mr. Richter has extensive experience in the design and construction administration, including:

- Residential:
 - Wheatlands Residential Community, Aurora, Colorado
 - Highlands Ranch 122, Douglas County, Colorado
 - Highlands Ranch Back Country, Douglas County, Colorado
 - Lyons Ridge, Jefferson County, Colorado
 - Villages North, Thornton, Colorado
 - Mapleleaf Subdivision, Arvada, Colorado
 - The Meadows Filing No. 15, Castle Rock, Colorado
 - Eastlake Estates Subdivision, Thornton, Colorado
 - Trailmark Subdivision, Littleton, Colorado
 - Wyndham Park Subdivision, Arvada, Colorado
 - The Pinery Subdivision, Parker, Colorado

- Commercial:
 - Cornerstar Retail Center, *Aurora, Colorado*
 - Eastern Hills Community Church, *Aurora, Colorado*
 - Stapleton Office Complex, *Denver, Colorado*
 - Coors Site Due Diligence, *Golden, Colorado*
 - Rooney Ranch, *Lakewood, Colorado*
 - Brittany Ridge, *Commerce City, Colorado*
 - Denargo Market, *Denver, Colorado*
 - Stapleton Filing No. 16, *Denver, Colorado*

- Gillem Logistics Center, *Forest Park, Georgia*. Senior Construction Manager for the civil infrastructure construction for industrial warehouse building of 1,200,000 S.F. Prepared pipeline reports and overall company construction schedules for resource allocation. Handled contract negotiation with General Contractors and sub-contractors, budgets, procurement, schedules, invoicing, change orders, and coordinating design changes with the design engineer. Developed concept infrastructure designs and construction estimates for design build or conceptual construction projects. Created and reviewed bid packages, solicited bids, reviewed/compared bids, and awarded contracts for sub-contractors, or purchase orders for suppliers.

- Southwest 85 Logistics Center, *Newnan, Georgia*. Senior Construction Manager for the civil infrastructure construction for industrial warehouse building of 1,100,000 S.F. Prepared pipeline reports and overall company construction schedules for resource allocation. Handled contract negotiation with General Contractors and sub-contractors, budgets, procurement, schedules, invoicing, change orders, and coordinating design changes with the design engineer. Developed concept infrastructure designs and construction estimates for design build or conceptual construction projects. Created and reviewed bid packages, solicited bids, reviewed/compared bids, and awarded contracts for sub-contractors, or purchase orders for suppliers.

- Veterans Affairs Medical Center, *Denver, Colorado*.
Great Western Data Center, *Time Warner Cable*.
Talon II Data Center, *Aligned Energy*.

Senior Construction Manager. Managed and designed industrial/mechanical projects for fuel oil systems supplying backup power for “mission critical facilities”. Managed multi-discipline teams for installation and integration of emergency power back-up system controls, programming, infrastructure, and monitoring systems with overall Building Automation Systems (BAS) or Building Management Systems (BMS). Managed and provided oversight for construction of civil infrastructure, such as: installation of underground piping systems, large (20,000-50,000 gallon) underground fuel tanks, and concrete structures. Prepared and completed training with the end users for the infrastructure installed for each scope of service. Allocated resources for construction crews and equipment.

- Farm Fresh Co-op, *Farm Fresh Co-op and Potato Growers Co-op*
Cornerstar Retail Center, *Alberta Development*
Wheatlands Residential Community, *Shea Homes*

Acted as Senior Construction Manager, owner’s representative and assisted with design. Created project work plans, monitored budgets, and created project progress reports. Reviewed project submittals for technical accuracy and compliance with the governing jurisdiction’s standards and regulations. Negotiated with the governing jurisdiction on behalf of the client for technical sound solutions that would save money and still meet the

intent of the governing agency's standards and regulations. Created and reviewed bid packages, solicited bids, reviewed bids, assisted the client in selecting a contractor and awarding contracts. Reviewed and wrote construction specifications.

- Project Engineer, *Carroll & Lange, Inc.* Prepared application packages for processing residential and commercial projects from beginning through jurisdiction approval. Attended client and agency meetings. Utilized *HEC-RAS* and *Flowmaster* software packages for floodplain and stormwater analysis. Prepared drainage reports for commercial and residential sites. Designed construction plan sets for residential sites, including: town home, duplex, and single-family housing projects. Designed construction plan sets for commercial sites, including: drainage, grading, utility, and horizontal control plans. Prepared quantity take-off and cost estimates for residential and commercial projects. Coordinated with survey department for preparation of easements, legal descriptions, and preliminary and final plats. Utilized AutoCAD (Release 13-14) and *Softdesk* software in preparing construction plans, including: earthwork quantities, road cross-sections, and existing ground and proposed grade profiles.
- Designer, *Mountain States Engineering.* Designed and prepared construction plans for commercial sites, including: drainage, grading, utility plan and profiles, and horizontal control plans. Designed street sections including medians, intersections, and turnlanes according to local and CDOT specifications. Worked on a two-man survey crew for topographic and ALTA surveys.