

Structural/Project Engineer

(Professional Engineer – P.Eng.)

PARKER
design alliance

The Organization

Parker Design Alliance Inc. (Parker) is an engineering consultancy launched in July 2015 with focus on providing the best value for our clients. Our motto is "It is not what we do. It's how we do it." This speaks to the experience that we offer both our clients and our workers. We know that we spend a large portion of our waking hours performing our work and therefore, it is vitally important that our work be in alignment with the best expressions of ourselves.

We believe that trust, fairness, and integrity are the foundation our work must be based on, and we express these ideals in everything we do. <https://www.parkerdesign.ca/>

The Opportunity

Parker has a unique opportunity for a **Structural Project Engineer** to support an expanding work portfolio with an organization that empowers its team members to take charge and grow to their full potential. The successful candidate will be the first structural discipline at Parker. This role will be tasked with establishing the necessary tools, templates, processes, procedures, and software, etc, to facilitate the practice of structural engineering. The ideal candidate will have the opportunity to develop their technical, managerial, and business skills for a future role as an Engineering Lead.

Parker works with clients predominantly in the Agribusiness, Food-Processing, Industrial, Municipal, and Institutional market sectors. Under the supervision and guidance of the Partners, this position will provide structural engineering, and general support for various planning, design, procurement, construction, management, and administrative duties for current and upcoming projects.

Responsibilities include:

- Deliver project requirements and assist in defining project scope, cost, and schedule, while carrying out assigned tasks within these parameters.
- Develop and maintain structural engineering work procedures, specifications, and computer aided design programs.
- Prepare engineering calculations for both new structures and modifications to existing structures.
- Provide input to engineering, operating, and capital cost estimates.
- Participate in and contribute to design reviews.
- Manage small capital and maintenance projects.
- Coordinate design work with other technical disciplines - Architectural, Process, Mechanical, Electrical, Civil, etc.
- Review and evaluate technical work prepared by designers, drafters, technicians, or technologists.
- Manage and prepare technical documents and work products such as design criteria, drawings, specifications, reports, and technical memos. Stamp documents and drawings as required.
- Perform site inspections, assessments, construction reviews, field reporting, and related duties.
- Other related duties as assigned.

Selection Criteria include:

- Bachelor's degree in engineering (Civil or Structural) from an accredited institution or previously obtained recognized equivalency from a Canadian regulator.
- Professional Engineer (P.Eng.) designation, with the ability to immediately obtain and maintain licenses in Manitoba and Saskatchewan if not possessed already.
- Junior to intermediate level experience (4 to 10 years).
- Experience with the design of concrete, steel, and wood structures, and the associated local codes, standards, and guidelines that governing the practice.
- Preference may be given to a candidate with previous experience in Agribusiness, Food-Processing, or Industrial projects.
- A positive 'can-do' attitude with the ability to work productively in a flexible and constantly evolving business environment.

- Ability to work productively as part of a team as well as individually.
- Ability to work effectively from home.
- Ability to work remotely with periodic travel to jobsites across Western Canada.
- Ability to take responsibility for and complete tasks/assignments with specified scope and outcomes, with supervision available for review, guidance, and consultation.
- Strong computer skills, including proficiency in Windows 10, Office 365 applications, MS Project.
- Experience with AutoCAD, PDF software, 3D CAD applications, and BIM.
- Experience with structural analysis software and FEA for use in the design of reinforced concrete structures and structural steel.
- Proven multi-tasking and organizational skills.
- Class 5 driver's license with vehicle available for regular use.
- Excellent communication skills, both written and verbal.

Send your resume and cover letter quoting Posting 23-001 in the subject line by the closing date of April 21, 2023 to russ@parkerdesign.ca. We thank all those who apply; however only those selected for an interview will be contacted.