

# Senior Structural Engineer (Part-Time)

(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 **Senior Structural Engineer**, preferably located in Winnipeg 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 provide mentorship, support, and guidance to the Structural Project Engineer, who will be tasked with establishing the necessary tools, templates, processes, procedures, and software, etc, to facilitate the practice of structural engineering at Parker.

Parker works with clients dominantly in the Agribusiness, Food-Processing, Industrial, Municipal, and Institutional market sectors. This is a part-time to casual position with the hourly commitment open to negotiation with the Partners. Independent consultants may also be considered.

## Responsibilities include:

- Oversee and provide guidance, consultation, and review to junior and intermediate structural engineers who are responsible for completing tasks/assignments within specified scope and outcomes.
- Review structural engineering work procedures, specifications, and computer aided design programs.
- Review 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.
- Review and evaluate technical work prepared by engineers, designers, drafters, technicians, or technologists.
- Review technical documents and work products such as design criteria, drawings, specifications, reports, and technical memos. Stamp documents and drawings as required.
- Review site inspections, assessments, construction reviews, and field reporting performed by others.

## 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.
- Senior level experience (12+ 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.
- Ability to work productively as part of a team, as well as individually.
- Ability to work effectively from home.
- Experience with AutoCAD, PDF software, and 3D CAD applications.
- Experience with structural analysis software and FEA for use in the design of reinforced concrete structures and structural steel.
- Excellent communication skills, both written and verbal.

***Send your resume and cover letter quoting Posting 23-002 in the subject line by the closing date of April 21, 2023 to [russ@parkerdesign.ca](mailto:russ@parkerdesign.ca). We thank all those who apply; however only those selected for an interview will be contacted.***