

**John Lazier, P.Eng., MBA – Senior Structural Engineer**

**TEAM LEAD**

John Lazier, P.Eng., MBA is a highly valued asset of the Lazier Engineering team with over 13 years of structural design experience. John is a key member of any project team and is the primary client contact for each Structural project, overseeing all design stages. John is highly adaptive and has a proven track record of managing successful, on-time and on-budget projects. He is considerate of the client's needs and his variety of experiences with high-rise condominium developments and large-scale institutional projects makes him an essential component of any project team.

**PROFESSIONAL INTERESTS**

Structural Engineering, Computer Modeling, Management of Design Teams, Business Development.

**EXPERIENCE**

Mantecon Partners, Senior Structural Engineer/Project Manager.

MTE Consultants, Structural Engineer/Project Manager.

Steenhof Building Services, Structural Department Lead.

JNE Consulting/Heavy Industrial, Structural Engineer.

**EDUCATION**

MBA Masters in Business Administration, Ashridge Executive Education, Dubai, 2017.

BESc.(Structural Opt.) Civil Engineering, The University of Western Ontario, London, ON, 2008.

**RECENT PROJECT EXPERIENCE**

**ATA Architects | St Catherine of Siena Church | Structural Design, Management of MESC | Hamilton, ON |**

This large church design required structural steel design and management of the design team to achieve the architects design intent. The structural design was completed using Ram Steel and S-Frame, modelling various components of the structure as well as the overall model to check the lateral force resisting system under wind and seismic loading combinations.

**ATA Architects | Coptic Church | Structural Design, Management of MESC | Mississauga, ON |**

This large church design from ATA architects was designed to expand the existing church's capacity, it was designed as a large stand alone structure, complete with MESC disciplines and the architectural design by ATA Architects. This was a steel and concrete structure, mainly conventional construction. Lateral force resisting system was designed in ETABS and S-Frame.

**ROA ARCHITECTS-NOOR GARDENS**

**ROA | Noor Gardens Community Centre | Building Design | London, ON |**

John is providing structural engineering on this community centre, including design of long span steel trusses, girder trusses and moment resisting frames to achieve the look desired by the architect. The building is comprised of steel framing, supporting precast floors with a cast in place concrete foundation and elevator shaft.

**Coletara Development | Platinum Condos | Building Design | Hamilton, ON |**

John Lazier provided structural engineering for the development of this 24-storey residential building with at-grade commercial units, one level of underground parking and podium-level parking. The 17,150-m<sup>2</sup> (185,000-sq.ft.) building will contain 280 units. As a Project Manager and Structural Engineer, John is managing the team providing structural design, drawings and construction review.

**City of Hamilton | Gage Park Conservatory Addition | Building Design | Hamilton, ON |**

John Lazier provided structural engineering to support the rehabilitation and expansion of the existing tropical greenhouse in Gage Park. At the end of the project the City will have a new 1,300-m<sup>2</sup> (14,000-ft<sup>2</sup>) greenhouse building. Through the design John Lazier collaborated with the architectural team to create a facility that features pre-engineered envelope components and glulam wooden beam structure.