



## Contact

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Toronto, ON M5H 2V1

## Academic Background

Bachelor of Building Science,  
Honours, Algonquin Centre for  
Construction Excellence  
2017 - 2019

Building Science Certificate,  
Professional Study, University  
of Toronto  
2015 - 2016

Ontario Building Code Compli-  
ance, Certificate, Humber  
College  
2012 - 2014

Advanced Architectural  
Technology, Mohawk College  
2009 - 2013

Certified Engineering  
Technologist, C.E.T.

Building Science Specialist,  
BSS

Building Code Qualified, BCQ

Registered and Qualified BCIN  
Designer, Small Buildings and  
Structural

# Matt Fratarcangeli

C.E.T., BSS, BCQ

Civil/Structural Associate

Matt Fratarcangeli is a dedicated building design professional skilled in architectural design, structural design, 3D conceptual planning, and management especially as related to small buildings. He is an experienced professional with over seven year's experience as a Certified Engineering Technologist and five year's experience in construction. Mr. Fratarcangeli has strong experience with architectural design and structural detailing. He has completed 300+ building permits, and has 6 years related building design experience.

## Specialized Professional Competencies

### Engineering Technology

- Architectural Design
- Construction Detailing
- Project Management and Permitting
- Structural Design
- Building Designer
- Reporting and Analysis

## Employment Background

### Haag Canada, Toronto, ON *Civil/Structural Associate*

2020 to Present

Responsible for inspection and property appraisal concerning issues around construction, inspections, and pre/post-loss property appraisals.

### TenHouse Building Workshop *Owner & Founder*

2018 to Present

Lead the firm in technical and creative expertise. Review all drawings and designs for accuracy and conformance with the building code. Manage all files as a client liaison, providing exceptional customer service. Plan viable business strategies and identify revenue streams to promote and maintain health of business. Operate a firm that provides professional architectural/structural design services to the public.

### -30- Forensic Engineering *Associate*

2018 to Present

Created professional reports assessing the architectural and structural components of buildings and carried out building condition and building code assessments. Directed technologists on required drawings for a variety of projects. Managed files as a client liaison and coordinated various professionals to satisfy project requirements and ensure safety. Verified projects were carried out as intended through construction inspections and commissioning. Coordinated with practice leads and provided updates/info. as requested.



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Civil/Structural Associate

**-30- Forensic Engineering**  
**Manager, Engineering Technologist Team**

2016 - 2018

Led a team of three engineering technologists focused on small buildings. Managed work load through scheduling. Reviewed all project drawings for design improvement and code compliance. Analyzed data for quality control and served as a consultant on various projects simultaneously. Coordinated with senior management to meet financial targets. Grew the technologist team and expanded services.

**Giffin Koerth Engineering**  
**Engineering Technologist**

2013 - 2016

Provided support for the civil/structural team through drafting and documenting buildings. Attended site to take measurements and record construction assembly information. Carried out surveys using a Total Station and Faro Focus 3D Laser Scanner. Processed survey data, including point cloud analysis. Carried out problem solving day to day and proposed solutions to senior team members. Worked on a high functioning team to complete daily tasks and team goals.

**Father and Sons Restoration**  
**Construction Laborer**

2008 - 2013

Worked as construction labour in houses and landscape construction (framing, finishing, concrete, stone work, etc.). Assisted senior foreman in completing scheduled tasks. Gained a strong appreciation for constructability, and learned the value of hard work and built a strong foundation of character.

**Highlights**

- Strong experience with architectural design and structural detailing
- 300+ completed building permits and 6 years related building design experience
- Confident in application of building science principals
- Experience on site including surveying and overseeing construction
- Reviewed hundreds of drawings for code requirements and to improve durability as it relates to building science (air leakage, thermal performance, lifecycle etc.)
- Heightened appreciation for constructability
- Attended over 25 professional seminars including Joe Lstiburek's 'Case Studies in Building Science' graduate degree course audit and the 'Passive House Designer Course' by CanPHI
- Bachelor's degree honours paper: *Making Informed Decisions when Retrofitting a House for Improved Energy Efficiency*