CURRICULUM VITAE

Derek Fisher, C.Tech

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SPECIALIZED PROFESSIONAL COMPETENCIES

Forensic Visualization:

- AutoCAD, AutoCAD Civil 3D, Land Development Desktop
- 3D Conceptual Drawings
- Presentation Development and Design
- Specialized Visualizations

Municipal Road/Infrastructure Design:

- Site Surveying - Total Station & G.P.S
- Municipal Infrastructure Design and Layout - OPSS & OPSD Standards
- Development of Site Plans
- Lightning Protection and Life Safety Systems

ACADEMIC BACKGROUND

Advanced Diploma, Civil Engineering Technology, Fanshawe College, 2014

Certified Technician, Ontario Association of Certified Engineering Technicians and Technologists

EMPLOYMENT BACKGROUND

30 Forensic Engineering

Lead Engineering Technologist
2022 – Present, Toronto, ON

- Responsible for the management, mentorship and technical support of the technologist team
- Regular training to ensure all work complies with relevant industry standards, regulations, and codes
- Coordinate with multiple engineering departments to ensure projects meet their respective deadlines
- Conduct regular team meetings to discuss project status and any issues that arise
- Operate standard computer-assisted design (AutoCAD) in various capacities

- Develop and prepare engineering designs and drawings from field measurements, sketches, engineering calculations, specification sheets and other data
- Provide additional engineering support during site examinations including using Total Station survey equipment and FARO Laser Scanner
- Produce drawing sets for building application submissions (OBC Part 3 & 9)
- Perform spatial analysis from gathered FARO data to aid in the production of Transportation/Road Safety drawings and reporting analysis
- Creation of surfaces, 3D renders, & models to aid in the analysis of roadway/building deficiencies
- Use of 3DSMax and photogrammetry tool to analyze data collected from video & photographs

Engineering Technologist
2016 – 2022, Toronto, ON

- Develop and prepare engineering designs and drawings from field measurements, sketches, engineering calculations
- Provide additional engineering support on site examinations
- Communicate and consult with engineers to resolve any design issues

Spriet Associates

Civil Engineering Technologist
2014 – 2015, London, ON

- Design of pre-existing as well as future installation of municipal drains to company standards
- Responsible for the collection of on-site survey data
- Design of Municipal drainage maps as well as updating existing maps

City of St. Thomas

Municipal Design Technician
2013 – 2014, St. Thomas ON

- Develop and design of future municipal capital projects
- Responsible for the on-site inspection of municipal road reconstruction
- Liaise with both contractors as well as the public on capital projects
- Responsible for the creation of tender documents and contracts