CURRICULUM VITAE

Benjamin Bryant, C.E.T.

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EXPERT SUMMARY

Mr. Benjamin Bryant is an Engineering Technologist at 30 Forensic Engineering. He holds a Civil Engineering Technologist Diploma from Camosun College. Benjamin has over 14 years of experience in commercial contracting and structural engineering technology, including his work as a drafter, inspector, and building energy analyst. His roles have included developing engineered drawings for commercial and residential construction, conducting site visits to ensure engineering requirements, and completing comprehensive structural design, beam sizing, point load calculations, and foundation designs for large-scale residential construction projects. Seeking to expand his expertise in the field, he joined 30 Forensic Engineering, where he supports engineers in preparing architectural and structural drawings and conducting investigations following structural failures, fires, and vehicle impacts.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Drafting and markups in industry software including Revit, AutoCAD, and Civil 3D
- Geographic Information System (GIS)
- Project Coordination

ACADEMIC BACKGROUND

Diploma, Civil Engineering Technologist, Camosun College, Victoria, British Columbia, 2018

PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Engineering Technologist, Civil/Structural
2024 – Present, Calgary, AB

- Conduct site investigations and prepare drawings from field measurements, sketches, and photos.
- Coordinate with engineers to ensure the full scope of work is captured on drawings for client and city review.
- Provide engineering support on-site by capturing scans of site using a FARO Laser Scanner.

Self-Employed

Residential Property Development
2022 – 2023, Calgary, AB

- Assessed and purchased a 112-year-old residential investment property to redevelop.
- Completed the design and coordinated the sub-trades throughout the construction process.
- Redesigned existing structural elements to remediate foundation issues.
- Analyzed existing structure to redesign the floor plan to meet market requirements.

ROV Consulting

Engineering Technologist
2018 – 2022, Kelowna, BC

- Developed engineered drawings for commercial and residential construction projects based on client requirements and architectural drawings.
- Conducted building energy assessments based on the 2020 building code.
- Conducted site visits to ensure engineering requirements were adhered to.
- Completed comprehensive structural designs, beam sizing, point load calculations, and foundation designs for large-scale residential construction projects.

Skilltech Builders, Capitol Paint, Painters Enterprise

Commercial Contracting, Framing, and Painting
2008 – 2018, Western Canada

- Gained a fundamental understanding of the commercial and residential construction process through the application of multiple trades.
- Learned the practical application of engineering principles and adhered to engineered drawings and leveraged project management tools to ensure projects were completed correctly and on time.
- Formulated weekly schedules and productivity reports for a four-member crew. Resolved scheduling issues with sub-trades and project managers on large-scale projects to maintain full workload.

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- The Association of Science & Engineering Technology Professionals of Alberta (ASET), Member