



Benjamin McFadgen

BAT, BCIN

Architectural Designer

OFFICE

Burlington

EMAIL

bmcfadgen@ocig.com

CONTACT

1 (888) 624-3473, ext: 192
(519) 721-4866

Benjamin is an architectural BCIN designer with experience preparing formal engineering plans, drawings and procedural documentation. He has created conceptual drawings and renderings for renovations, additions, new construction projects and the rebuild of damaged buildings. Ben is also a Certified Professional Inspector (CPI) and a NACHI-Certified Home Inspector. He has extensive knowledge of Ontario Building Codes and has coordinated with contractors, design professionals, district staff and city inspection authorities on various projects.

EDUCATION

Conestoga College

Degree in Bachelor of Applied Technology Architecture, Project and Facility Management

Kitchener, Ontario, Canada

2018

Mohawk College

Art and Design Foundations

Hamilton, Ontario, Canada

2011

CERTIFICATIONS

- Certified Professional Inspector (CPI)
 - Autodesk Building Performance Analysis Certificate (2015)
-

PROFESSIONAL EXPERIENCE

Architectural Technologist

OCI Group (Formerly Origin and Cause Incorporated)

Burlington, Ontario

December 2018 — 2021, March 2024 — Present

- Interpret field notes, sketches and data from engineers and investigators to create design drawings for rebuild of damaged buildings
- Perform field verification and measurements and accurately transfer this information to the drawings
- Prepare formal engineering plans, drawings and procedural documentation as required by building departments
- Create plans in accordance with applicable codes in correspondence with standards relevant to design specification
- Prepare details for individual structural members and connections
- Provide project drafting and be accountable for schedule and efficiency
- Perform quality control and field dimensional checks to confirm items are built in accordance with drawings, document control
- Conduct site observation and/or inspection activities during design or construction phases of the project
- Liaise with contractors, design professionals, district staff and city inspection authorities for the purpose of coordinating projects, project design, costing and obtaining permits

Principal Architectural Designer

BM Architectural Design

Hamilton, Ontario

January 2015 — March 2024

- Provided full architectural design service and experience for various clients

including owners, contractors and architects

- Conducted detailed preliminary design process including initial concept sketches, floor plan designs, 3D models and conceptual renderings (Revit)
- Managed projects from initial site kick start meetings and/or measurements until permit approval and then site meetings and inspections as necessary
- Prepared construction drawings including details for permit application submittal and coordinate drawings with consultants as required
- Performed Ontario Building Code reviews, and signed off on drawings for permit application (BCIN)
- Coordinated with contractors, architects, city Officials, engineers and other consultants on various project solutions

Intermediate Architectural Designer

PEG Architecture

Cambridge, Ontario

May 2018 — November 2018

- Executed architectural design deliverables for residential projects including preliminary design, estimating drawing packages, permit drawings, construction drawings and project administration
- Communicated and coordinated with clients, contractors, engineers, consultants and city officials
- Provided presentation graphics during preliminary design phases including 3D design/modelling
- Attended and participated in site meetings and design meetings on regular basis

Architectural Technologist

J. David McAuley Architects Inc.

Guelph, Ontario

September 2017 — July 2018

- Provided support to architects by completing preliminary design drawings, working drawings, and meeting tight timelines
- Created conceptual drawings and renderings using Revit for renovations, additions, and new construction projects
- Created details for working drawings and changed orders as required
- Attended site meetings and coordinated with contractors as necessary

- Organized and coordinated engineering and site plan approval processes

Project Coordinator Construction (Energy)

Region of Waterloo

Kitchener, ON

May 2016 – September 2016

- Managed projects relating to building design, sustainable design, and energy efficiency
 - Completed feasibility studies on potential energy projects by completing energy savings and payback period calculations and analysis. Contacted contractors to implement projects, lead tender processes, verify completion of work, manage documentation (including P.O.'s), and maintain good working relationships
-

SKILLS & QUALIFICATIONS

- 4th Year Thesis Project – Broader approach to Biophilic design
- Summer Company 2014, Sponsored by Ministry of Economic Development Trade and Employment (2014)
- Graphic presentation, marketing skills, photorealistic renderings and working drawings
- Platforms – Revit, AutoCAD, SketchUp, Photoshop, Microsoft Office Suite and Hand Sketching
- Residential design, Modern, Traditional, Cultural, Industrial, Commercial design and Biophilic Design
- Applicable knowledge of the Ontario Building Code
- Communication and negotiating skills when conversing with governing bodies