



roarengineering.com



Andrew McKay

Architectural Technologist

Contact

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Education

HUMBER COLLEGE
Architectural Technology

2002 – 2005

Skills Acquired: AutoCAD 2002, Architectural Desktop 3.3, Drafting and Detailing, Estimating, Ontario Building Code, Site Planning, Material and Methods, Facilities Management, Free-Hand Sketching, Structures
Honour Roll
Structure's Course – Model Bridge Construction - Maximum Weight Course Record

GEORGIAN COLLEGE

1999 – 2000

Computer Programming/ Systems Analyst
Computer Operating Systems, Data Processing and Information

Experience

ROAR ENGINEERING
Design Manager

2021 – PRESENT

Worked alongside Professional Engineers to prepare construction documents suitable for design and permit application.
Primarily responsible for drafting and architectural design standards and implementation.
Production of hundreds of repair drawings including structural failures, fire repairs, impact repairs, hazardous substance remediation and water ingress repairs.
Specializing in residential design. Design and construction documents for dozens of custom houses, dwelling additions and alterations, boat houses, and accessory structures.
Production of new building design and repair drawings for Barn and Farm Building design and Industrial building design.
Production of repair drawings for Commercial Buildings.
Expert knowledge and understanding of Revit Building Design Suite.
Expert knowledge and understanding of the 2016 OBC.

MICHAEL FLYNN & ASSOCIATES LIMITED
Design Manager

2014 – 2021

Services provided and duties consistent with present role at Roar Engineering.

JEFFERY ARCHITECT

2005 – 2014

Senior Architectural Technologist

Design and detail multiple permit and tender projects, consistently complete upon deadline.
Complete projects with construction budgets from \$2k to \$12m.
Work independently and alongside Principle Architect and Consultants.
Co-ordinate projects effectively with Structural, Civil, Mechanical and Electrical Engineers, Landscape Architects, General Contractors and Clients.
Develop and maintain consistent drafting standards and typical details for use with Revit Building Design Software.
Expert knowledge and understanding of AutoCAD 2014 and Revit Building Design 2014.
Expert knowledge and understanding of the 2006 OBC.
Installation and maintenance of office computer network and stations.
Proficient in all standard Microsoft Office software.
Proficient in Computer Architecture, maintenance, assembly and repair.

SPECTRUM CARPENTRY

2005

Back-Framing

Installation of stairs, drop ceilings, basement framing and windows.
Inspecting to ensure that framing is completed to code.

CALIFAS CONSTRUCTION

2004

Stucco Application

Installation of EIFS, concrete finish, drywall (board, tape/mud) and Paint.

