

Collision
Reconstruction

Personal Injury

Electrical

Mechanical

Metallurgical

Civil & Structural

Fire & Explosion

Structural
Reconstruction

352 Consumers Rd.
Toronto, ON
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416.491.2525
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Gustavo Estrada, A.Sc.T., M.A.A.T.O.

416-491-2525 (Ext. 23)

gustavo.estrada@arconforensics.com

EXECUTIVE SUMMARY

Gustavo specializes in the investigation of claims related to structural issues or failures on residential and commercial buildings up to 600 square metres (6,458 sq. ft.) in floor area. He also investigates claims arising from Ontario Building Code (OBC) non-compliance. Gustavo is routinely involved in coordination of reconstruction work from building design through to inspection of the finished project. His unique array of skills makes him a valuable resource within Arcon's Civil & Structural group.

AREAS OF SPECIALIZED EXPERTISE

- *Structural failure investigations of residential and commercial buildings and structures*
- *Damage assessment due to fire, flooding, wind, impacts, settlement.*
- *Designs for the repair of damaged buildings*
- *Architectural drafting*
- *Building and construction code assessments*

EDUCATION

- Honours Diploma, Architectural Technology, (1995), Northern College
- Honours Diploma, Architectural Technician, (1994), Northern College

QUALIFICATIONS & CERTIFICATIONS

- *Architectural Technologist (M.A.A.T.O.)*
- *Applied Science Technologist (A.Sc.T.)*
- *Registration under the Ontario Building Code as a Qualified Designer for Houses and Small Buildings*

PROFESSIONAL ASSOCIATIONS

- *Association of Architectural Technologists of Ontario*
- *Ontario Association of Certified Engineering Technicians and Technologists*

PROFESSIONAL DEVELOPMENT

- *Evaluation, Repair, Protection & Strengthening of Existing Concrete Structures, Vector*
- *Masonry Workshop, RCI*
- *Seminar on Spray Foam Insulation and Asphalt Shingle Roofing, RCI*
- *Designing Temporary Structures for Vertical & Horizontal Construction, Epic*
- *Building Condition Assessment, Epic*
- *Industrial Building Design, Canadian Institute of Steel Construction*
- *Design of Steel Lintels in Masonry Walls, ASCE Continuing Education Seminar*
- *Roof Technology, Maintenance & Inspection, Building Envelope Technology Inc*

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PROFESSIONAL EXPERIENCE

Architectural Technologist, Arcon Forensic Engineers
(2007 – Present)

- Assessment of damage by fire, impact, water intrusion, wind or settlement to structural components of residential and commercial buildings
- Recommendations for temporary safety measures such as shoring
- Recommendations for remedial work to repair or rebuild the structure
- Coordination of the preparation of repair drawings, application for building permit and inspection of the finished work
- Investigation of loss of balance incidents as they relate to building codes

Estimator / Draftsperson, Posi-Slope Enterprises
(2005 – 2007)

- Preparation of estimates for roof tapered insulation
- Design & development of shop drawings suitable for construction

CAD Draftsperson, Graziani + Corazza Architects Inc.
(2004 – 2005)

- Preparation of CAD drawings of plans, elevations, building sections, wall sections, details and other related construction drawings for high-rise residential projects

Intermediate Technologist, Michael Spaziani Architect Inc.
(2003 – 2004)

- Preparation of CAD drawings of plans, elevations, building sections, wall sections, details, millwork and other related construction drawings for commercial & residential projects

CAD Draftsperson, Technicad Drafting Services
(2000 – 2003)

- Preparation of CAD drawings of plans, elevations, building sections, wall sections, details, reflected ceiling plans and other related construction drawings for schools, multi-level condos and large residential homes

Architectural Technologist, ANO Architects Inc.
(1999 & 1996 - 1997)

- Preparation of CAD drawings of plans, elevations, building sections, wall sections and other related construction drawings for schools & hotels
- Survey existing buildings in order to produce as-built drawings