



# RURAL ROOTS Engineering & Design

Design for the  
Rural Economy

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## PROFESSIONAL BIOGRAPHY

**Robert Chambers, M.Sc., P.Eng.**

*Consulting Engineer*

### Profile

Robert is an agricultural engineer with over 25 years experience in the field of engineering and agriculture. He has worked as a consultant in both the public and private sectors, most recently as a swine, sheep and poultry engineer with the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA). He has provided professional expertise in all areas of animal housing including: layout, ventilation, feeding systems and manure handling. At OMAFRA, he was often called to be an expert witness and forensic engineer in criminal court cases, coroner's inquests and fire marshal's investigations. A native of Annapolis County, he now makes his home in Tidnish, NS. Robert is happy to serve clients in English or French.

### Professional Affiliations

Association of Professional Engineers of Nova Scotia (P.Eng.)

Canadian Society of Biological Engineering

American Society of Agricultural and Biological Engineers

### Skills & Experiences

Agricultural building layout, ventilation, manure handling, feeding systems, etc...

Design of large-scale manure storage and pipelines.

Special area of interest in: worker safety, environmental and animal welfare.

Expert witness at the Farm Practices Protection Board on conflicts between farmers and neighbours.

Expert testimony to Ontario Coroner's office and Ontario Provincial Police Major Crimes Unit.

Authored and edited numerous OMFARA publications.

Speaker at multiple venues and events.

International consultation on the development of swine production facilities in Uruguay.

### Education

Master of Science in Agricultural Engineering from McGill University

Bachelor of Science in Agricultural Engineering from McGill University

Engineering Diploma from the Nova Scotia Agricultural College

