



# Eagle Engineering

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**Residential & Commercial Inspections, Evaluations, and Designs**

## Professional Services

**Eagle Engineering** is a small company that provides personalized professional engineering services related to inspections, evaluations, repairs, and designs for residential and light commercial projects.

Specialty areas of the company include: Design of residential and light commercial building expansions, rehabilitations, and structural repairs; Structural and site work designs for residential and light commercial projects in consultation with architects; Design of bulkheads, retaining walls, septic systems, and other site work; Design of rooftop equipment installations; Building inspections, phased home construction inspections, pre-purchase home inspections, structural evaluations, building code evaluations, and construction field changes working with buyers, lenders, architects, and builders; Building and structural forensic investigations and expert witness testimony.

## Qualifications

Experienced Building Engineer and Structural Engineer, with significant practical experience, education, and training. Licensed Professional Engineer in New York State. BSCE in Civil Engineering, AS in Engineering Science, and AAS in Construction & Civil Engineering Technology. Professional engineering consultant, with extensive experience related to residential and commercial general building and structural inspections, investigations, evaluations, and designs.

Senior engineer and project manager for 19 years with two prominent Long Island engineering firms. Consulting engineer for over 12 years performing inspections, evaluations, and designs for residential and commercial buildings and structures. Also experienced in performing building plan reviews, design reviews, and in depth field inspections for various municipalities, lenders, and surety companies. Former building department superintendent and chief building inspector for a local municipality. Expert with in depth training and knowledge of local, state, and model building codes.

Adjunct Professor at Long Island University and instructor for courses in general building inspection, structural design and inspection, building codes, blueprint reading, construction cost estimating, plumbing and mechanical inspection, and general inspection practice and report writing. Senior Education Committee member and consultant for the largest building inspection association in the US. Qualified expert witness on building design and construction.

## Our Commitment

Eagle Engineering takes pride in offering personalized quality professional services in a timely fashion, but with a practical approach at reasonable fees, based on a sound technical background and significant design and construction experience. Our mission is to provide functional and safe designs, that are also practical and cost effective; to provide accurate, realistic, and objective recommendations and information in order for you to make a better informed decision concerning a property condition or potential problem; and to provide qualified expert advice and consultation. If you are not completely satisfied with our services or something is unclear, we will gladly clarify our designs or recommendations promptly to ensure client satisfaction with the services provided.

**Robert J. O'Connor, PE**  
**Principal, Eagle Engineering**

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