About Gale

Established in 1964, Gale Associates, Inc. is a consulting firm of engineers, architects, and building enclosure experts specializing in the repair, renovation, and adaptive reuse of existing buildings, sites, and infrastructures. Our services include building enclosure design and consulting, athletic facilities planning and design, civil engineering, airport engineering and planning, and structural engineering.
Building Enclosure Design and Consulting

Gale’s Building Enclosure Design and Consulting Group investigates, evaluates, designs solutions, and provides construction administration for exterior building enclosure components, including roofs, walls, windows/glazing, and waterproofing. We specialize in issues relating to air and moisture intrusion, and assist with peer review consulting on new construction and renovation projects. Gale provides forensic evaluation services and preventative maintenance programs. Our clients include commercial and institutional users (both private and public), as well as federal, state, and municipal agencies.

Services

- Roof, wall, window/glazing, sealant, and waterproofing evaluations and designs
- Structural engineering related to building enclosure renovations/repairs
- Construction phase assistance
- Roof and building enclosure management programs
- Facade inspections
- Peer review and commissioning on new construction and renovations pertaining to air and moisture control, vapor drive, thermal insulation, and related exterior enclosure issues
- Concrete restoration, repair, protection, and structural strengthening
- Storefront and curtain wall review and quality assurance
- Vegetative roof coverings and photovoltaic systems
- Forensic evaluations related to premature failure of construction assemblies
- Historic preservation, including terra cotta, stucco, masonry, stone, slate, and tile
- Educational training of facility managers, owners, and architects relating to building enclosure technology