

Carlos A. Quintal, P.E.

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Education	1970-1975	Northeastern University Bachelor of Science – Civil Engineering	Boston, MA
Professional MA Experience	1985 – Present	CAQ Engineering Associates, Inc. President	North Andover,
		<ul style="list-style-type: none">•Founded a civil engineering consulting firm in 1985, providing a full range of design and engineering services for over four hundred site development and site improvement projects throughout Massachusetts and New Hampshire. The company grew to fourteen employees in 1989.•Provided peer review engineering for the Chelmsford Conservation Commission from 1988 to 1996, for all submittals under the Wetlands Protection Act, including storm water management, wetlands impacts and drainage calculations.•Responsible for permitting slope and revetment construction for ocean front properties in Plymouth, MA.•Responsible for obtaining Surface (NPDES) and Groundwater Discharge Permits from the Massachusetts Department of Environmental Protection, for over thirty sites. •Massachusetts Environmental Policy Act (MEPA) Filings for miscellaneous projects in Orange, Saugus, Wrentham, Norfolk, Plymouth, Yarmouth, etc. Representative projects include: <ul style="list-style-type: none">•Redevelopment of Maruzen-Hawthorne College Main Campus in Antrim, NH, and its airport facility in Deering, NH, including survey, utilities, roadway layout, storm water management, drainage calculations, local and State approvals and subsequent construction supervision and certification. Battle Road Farm in Lincoln, MA, with full permitting through the Planning Board, Conservation Commission and DEP for a Surface Water Discharge Permit of the wastewater, via a wetland to the Concord River Extension of the Town of Bourne, MA, sewer system to receive Hideaway Village, with State approvals and funding.•Expansions of Martignetti Liquors warehouse in Norwood, MA.•Work with FEMA for Floodplain re-definition in Salem, NH.	
	1984 – 1985	Vanasse Hangin Associates, Inc. Senior Project Manager	Boston, MA
		<ul style="list-style-type: none">•Project manager responsible for several projects with emphasis on the new UPS service center in Chelmsford, MA.	
MA	1975 – 1984	HW Moore Associates, Inc. Engineer	Boston,
		<ul style="list-style-type: none">•Employed as a co-op student in April, 1972 and full time in June, 1975. In charge of computer layouts, as a co-op student; as a full time employee, drainage calculations, septic designs and wastewater treatment.	

Registrations

Commonwealth of Massachusetts PE Registration No. 30812
New Hampshire PE Registration No. 5739

Publications
1991)

The Journal of New England Water Pollution Control Association (November
Published an article, "RBC Wastewater Treatment Plant Process Control For
Nutrient Removal" presented at the January, 1991 meeting.

Languages

English, Portuguese, French

Community Activities

Past Chairman of Kingston, NH Conservation Commission

Other Activities

England

Taught Soil Mechanics and Surveying at Franklin Institute of Boston
Offered seminars at the Lincoln Filene Institute of Tufts University and the New
Environmental Conference in March, 1988.