

ALEX J. ZEPPONI, P.E., P.P. PRINCIPAL

EDUCATION

- BS (Civil Engineering), Newark College of Engineering
- Advanced Hydraulic Computer Modeling Analysis, Penn State University

REGISTRATION

- Professional Engineer
 - New Jersey (Lic. #26723)
 - Pennsylvania (Lic. #042256 R)
 - New York (Lic. #07852)
- Professional Planner
 - New Jersey (Lic. #L102389)

PROFESSIONAL EXPERIENCE

- Founder and Principal of ENTEC
- Consultant for the development of numerous residential, commercial, industrial and municipal sites. Planning and design tasks included site layout, drainage and storm water management, water and wastewater facilities, lighting, grading, landscaping, and all other related site improvements. Obtained state funding. Obtained local, county, state and federal permits and approvals as required.
- Consultant for the preparation for numerous site plans specifically designed to incorporate the use of modular building construction. Projects include the expansion of a shelter for the homeless, senior citizen housing, townhouses and single family residences for market rate and for low and moderate income families.
- Consultant for services during construction for numerous developments. Services included preparation of bid documents and detailed technical specifications, receipt and evaluation of bids, negotiation of contract award, review of shop drawings, observation of construction, review and processing of pay requests by the contractor, coordination with the lending institution, and preparation of project as-builts.

- Consultant for the preparation of numerous pre-acquisition studies assessing the development potential of various parcels of land on behalf of both developers and investors.
- Consultant to municipal Planning Boards for the review of site plans, storm water management systems and off-site improvements of numerous residential, commercial, and industrial developments in Bergen, Morris and Essex Counties, New Jersey.
- Project Manager for Bergen County, New Jersey for the development of a comprehensive hydraulic and hydrologic computer analysis of the Saddle River Basin (60 Square Miles) to facilitate development within the basin and mitigate potential adverse impacts.
- Consultant for the New Jersey Department of Environmental Protection and the federal government (FEMA) for the development of hydraulic and hydrologic analysis establishing development criteria pertaining to all major river and stream within the corporate limits of over 50 municipalities in New Jersey.
- Consultant to the U.S. Army Corps of Engineers and the private sector for the development of flood protection criteria and plans for various sites in New Jersey, New York and Pennsylvania.
- Consultant for the hydraulic analysis of numerous difficult and unusual conditions constraining potential site developments.
- Consultant for specialty projects including the design of an irrigation and drainage system for a 6,000 acre plantation in South America with provisions for ultimate expansion to 24,000 acres, the spillway design for a major dam in the Amazon, the design of a 150 million gallon per day emergency drought relief transmission pipeline and the design for relocating an intact telecommunication switching station.
- Project Engineer for the design of several industrial and sanitary pumping stations, including a \$2 million emergency station and force main needed to replace a failing tunnel.
- Building manager and engineer for commercial properties with responsibilities including day-to-day operation, improvement of operational efficiency, and expenditure projection.
- Expert witness on engineering and planning matters prior to and during litigation.

PROFESSIONAL AFFILIATIONS

- **National Society of Professional Engineers (Board of Trustees, Bergen Co. Chapter (Past = 8 years of service))**
- **American Society of Civil Engineers**
- **Society of American Military Engineers (Past)**
- **Member, Board of Supervisors – local Soil Conservation District (Past = 25 years of service)**
- **PHI ETA SIGMA – National Collegiate Honor Society**
- **CHI EPSILON – National Civil Engineering Honor Society**
- **TAU BETA PI – National Engineering Honor Society**

AWARDS

- **Recipient – Young Engineer of the Year Award**
- **Listed-Directory of Distinguished Americans**
- **Businessman of the year award**
- **Congressional Advisory member (Past = 2 years of service)**
- **Site Design for Platinum Award (House Builders Association) for best design in nation (Senior Citizen Category) (2004)**
- **Site Design for Best Community Development Design (Better Homes & Gardens – 1997)**
- **Invited expert to Bar Association's 'Meet the Experts' conference (5 times)**
- **Invited speaker to Community Home Builders' Seminar (2 Times)**
- **Commendation by Scranton Historical Society for restoration (2 locations)**

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