

# Thomas J. Plante

## Senior Structural Designer / CAD Operator



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### EXPERIENCE

Mr. Plante is a Senior Structural Designer and CAD Operator for IESolutions. Mr. Plante is experienced in use of REVIT, AutoCAD and Microstation computer software and has nearly 32 years of diverse experience in the preparation of structural Contract Drawings and Reports as they apply to various levels of structural investigations, evaluations, analysis and design of new and existing health care, industrial/warehouse, manufacturing, educational, office buildings, and pharmaceutical facilities. Some of the key Projects that Thomas has been directly involved in include:

#### Indian River Central School District / March Associates Architects

- *High School Additions & Alterations / New Storage Building, Philadelphia, New York.*
- *Calcium Primary Elementary School Additions & Alterations, Calcium, New York.*
- *Reconstruction to Antwerp, Philadelphia, Evans Mills & Theresa Primary Schools, Philadelphia, New York (and Surrounding Area).*
- *Reconstruction to Middle School and Transportation Facility, Philadelphia, New York.*

#### St. Lawrence – Lewis BOCES / March Associates Architects

- *Administrative Building Reconstruction, Canton, New York*

#### Rome City School District / March Associates Architects

- *Denti Elementary School Reconstruction, Rome, NY*
- *Ridge Mills Elementary School Alterations, Rome, New York*
- *Bellamy Elementary School Additions & Alterations, Rome, New York*
- *Former Clough Elementary School Alterations, Rome, NY*
- *Denti Elementary School Ventilation Upgrades, Rome, NY*
- *Stokes Elementary School Alterations, Rome, New York*
- *Staley Upper Elementary School Reconstruction – Systems Upgrades at Kitchen & Alterations, Rome, New York*
- *Former Rome Free Academy, Turin St, Asbestos Abatement & Selective Removals, Rome, New York*
- *Four Elementary School's Roof Evaluations and Investigations, Rome, New York*
- *Strough Middle School Renovations, Rome, New York*

#### Rome City School District / Fanning Howey Associates / SBLM Architects

- *New Rome Free Academy High School, Rome, New York*
- *Rome City School District / McDonald & Monterose Architects*
- *Staley Middle School Roof Evaluations and Investigations, Rome, New York.*

#### Carthage Central School District / March Associates Architects

- *Middle School / High School Additions & Alterations, Carthage, NY*

#### DeRuyter Central School District / March Associates Architects

- *Capital Project, Alterations to Main Building and Annex, DeRuyter, New York*

#### New York Mills Union Free School / March Associates Architects

- *Alterations to the K-12 School & Addition to the Beakman Gymnasium, New York Mills, New York*

#### Madison Central School District / March Associates Architects

- *Bus Garage Addition & Alterations, Madison, New York*

#### Education:

Associates Degree  
Mohawk Valley Community College, 1981

#### Technical Experience:

#### Interactive Engineering Solutions, PC (IESolutions) Minoa / Rome, NY, November 2003 – Present

As a Senior Structural Designer and CAD Operator, Mr. Plante is responsible for development of and preparation of Structural Contract drawings for the various structural Projects throughout the office. Mr. Plante assists the Project Structural Engineers as necessary with the development of computer design models and project details to complete the Projects on-time and within budget.

In concert, Mr. Plante assists with the necessary coordination and communication between the various Clients / Consultants and in-house staff to assist the Project Engineer as the Project proceeds through design and construction.

As part of the Construction Administration, Mr. Plante assists the Project Team with review of the various Construction Phase submittals and assists the Project Engineer with timely responses to field related questions during Construction.

Additional, Mr. Plante assists with the development of internal drawing standards and the general quality assurance / control as it relates to the production of structural documents.

Mr. Plante is experienced in REVIT, AutoCAD and Microstation computer platforms for document production and Project delivery.

#### MWH (formerly Harza Engineering), Utica, NY, December 1984 – November 2003

Throughout the progressive and diverse drafting, detailing and design experience gained while employed by the former Stetson Dale / Harza Engineering / MWH for almost 19 years, Mr. Plante developed the necessary tools and skill set to become a proficient and valuable resource as a Structural Designer and CAD Operator.

During his entire employment while at this firm, Mr. Plante worked in the structural engineering department that included, and ultimately was managed by, Mr. Douglas Cahill, current Principal and co-manager of IESolutions.

The various types of Projects that Mr. Plante was involved with included steel, concrete, wood and masonry structures for a variety of facilities such as health care, pharmaceutical, educational, industrial / warehouses, office buildings, commercial, and water resource / hydroelectric power project structures.