



Salvatore's Italian Gardens Addition, Amherst, NY

Structural design for a 13,000 s.f. banquet room expansion and new lobby, along with renovations to the existing structure. The addition of the new banquet hall was constructed via the demolition of an existing bearing wall after supporting the existing roof with the new structure. This allowed construction without disrupting ongoing banquets in the adjacent banquet room. The new banquet hall opened in 2007.



Sheridan Delaware Plaza, Kenmore, NY

Systems & Engineering provided the structural design for a new commercial plaza. The 22,500 s.f. one story structure is steel framed, with bar joist roof structure, block walls, slab on grade, and traditional spread footings. Panera Bread and FedEx-Kinko's are the current tenants.



Orpheum Theater, Tannersville, NY

Structural design for the expansion of an existing 1950's movie theatre into a full production theatre. The expansion includes the renovation of the "house", construction of a new stage with full rigging, new lobby, and new dressing rooms. The additions were constructed of masonry, structural steel, and load bearing metal stud construction.



Geico Building, 300 Crosspoint Parkway, Amherst, NY

Design of the structural framing plans for a new 250 thousand s.f. 2 story office building. The design of this building incorporated a steel frame, composite floor deck on steel beams, and roof joist and girder system. The foundation was designed for both caisson and driven pile options, with perimeter grade beams carrying the curtain wall and brick facade.



Frank Lloyd Wright Gas Station, Michigan Street, Buffalo, NY



S&E provided the structural drawings for the construction of a historic filling station originally envisioned by architect Frank Lloyd Wright, but never constructed. This station is planned to be built in downtown Buffalo. S&E provided the structural construction documents to support Mr. Wright's original cantilevered canopies and reinforced concrete core.

Woodlands Corporate Center, Wheatfield, NY

Design of a new 21,600 s.f. commercial / industrial building. This structure is designed as a "tilt-up" building, with the reinforced and insulated concrete wall panels being cast on the floor slab and tilted up to form the load bearing wall system. The roof system utilized joists and joist girders, and a large spread footing system was incorporated into the design. This building was completed in 2003.

Renovations to Michael's at the Tops Plaza, Ithaca, NY

S&E provided the structural drawings for façade renovations at an existing plaza. The project included new structural steel to support a two story façade, and modifications to interior structural members to support new HVAC units.

Seneca Ridge Plaza, Cheektowaga, NY

S&E provided plans for the renovation of an existing plaza. This project included structural and foundation drawings for the partial removal of walls and reinforcing existing structural members

Mezzanine Design for the Zooobar, Chippewa St, Buffalo

S&E provided the structural steel design for a new mezzanine for the Zooobar in downtown Buffalo.

New Convenience Stores for Delta Sonic Corporation in Penfield, NY and Glenwood, IL

S&E completed the structural and foundation design for the Delta Sonic Corporation. The building included steel framing, masonry bearing walls, and a 40 foot tower.

Design of a new Delta Sonic Facility in Penfield, NY

S&E designed the steel framing and foundations for a new convenience store, detail shop, oil lube, and car wash facility.

Design of the Wyoming County Bank building, 215 Main Street, East Aurora, NY

S&E provided the structural framing plan, foundation plan for this new structure to be occupied by a branch office of the Wyoming County Bank.