



New 552' Reinforced Concrete Chimney at the Cheswick Power Station, Allegheny, PA.

Design of 5 levels of structural steel framed platforms inside and outside the 30' diameter chimney. The platforms included FRP grating, and were designed to carry loads of 150 p.s.f.

New 562' Reinforced Concrete Chimney at the Keystone Generating Station, Armstrong, PA.

Design of 6 levels of structural steel framed platforms inside and outside the 90' diameter chimney. The chimney encloses (2) 36' diameter brick liners accessed by the platform framing.

Delphi Thermal, Lockport, NY.

Design of structural support / modification of existing structures for many projects including press foundations, crane rails, HVAC support, stack stabilization, overhead pipe bridges, wastewater treatment plant walkway framing, and anchorage for fall protection systems.

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.

APV Building, 105 Crosspoint Parkway, Amherst, NY

S&E provided the structural design for the construction of a 44,000 s.f. one story office and industrial building for the APV Corporation. The building consists of a steel frame on concrete spread footings. The structure will be completed in 2005.



Dival Safety Building Expansion, Niagara Street, Buffalo, NY

S&E provided the structural drawings for a new building for Dival Safety Equipment in Buffalo, NY. The project included structural steel and foundation plans.

New Building for Danforth Mechanical – 2122 Colvin Boulevard, Tonawanda NY



S&E completed the structural design and shop drawing review for this project. The building also included a mezzanine addition, new skylights, and a rapid air unit. The project completion date is August of 2002.

Design of 600 Ton & 400 Ton Press Foundations for Elrae Corporation, Elma, NY

Design and inspection of 2 new press foundations. S&E provided the design for the foundations and associated feed equipment. Our inspection of the construction helped insure an on time and quality job.



Design of new mezzanine for the Buffalo Games Building, Cheektowaga, NY

S&E designed the structural framing plan for a mezzanine to be constructed in an existing manufacturing facility. This structure is to be used for office and storage purposes.