



Project Description

For over 15 years, Nelson & Pope provided engineering, environmental and surveying services for the multi-phase development of the 200-acre site of the former Colonie Hill Country Club into the Windwatch Complex consisting of a ten-story, 362 room hotel and convention center, championship 18-hole golf course and country club, and a clustered 236-unit subdivision. The project included design of a sewage treatment plant and formulation of a Suffolk County Sewer District. Complicating the project's needs was the proximity of groundwater and its location adjacent to the headwaters of the Nissequogue River, necessitating the development of an innovative stormwater control and disposal system.

Relevant Project Components

- Topographic & Boundary Surveying
- Aerial Photogrammetry
- Conceptual Design & Planning
- Subdivision & Mapping
- Grading, Drainage & Utility Design
- Golf Course Grading & Drainage Design
- Pond Design
- Parking Lot & Lighting Design
- Sanitary Sewer & Treatment Plant Design
- Water Distribution System Design
- Road Improvement Design Plans
- Tennis and Pool Area Design
- Construction Layout & Surveying
- Environmental Impact Documents
- Wetland Location and Impact Mitigation

